

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086309.D
 Acq On : 20 Apr 2016 15:24
 Operator : UM/SJ
 Sample : PB89915BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Manual Integrations
 APPROVED

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 4/21/2016 7:09:40 PM

Quant Time: Apr 21 01:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266307	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1056049	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	479637	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	776074	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	438500	20.00	ng	-0.03
86) Perylene-d12	15.44	264	462855	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1662613	108.93	ng	-0.01
7) Phenol-d6	6.50	99	2061464	103.21	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1427514	77.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	403099	107.83	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2141149	85.43	ng	-0.03
78) Terphenyl-d14	12.97	244	1345791	73.05	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	244573	29.58	ng	97
3) Pyridine	3.28	79	729398	34.46	ng	97
4) n-Nitrosodimethylamine	3.22	42	254927	34.95	ng	# 70
6) Aniline	6.52	93	431641	16.06	ng	# 75
8) 2-Chlorophenol	6.65	128	645303	35.59	ng	88
9) Benzaldehyde	6.41	77	134513	9.50	ng	99
10) Phenol	6.51	94	863086	37.70	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	715754	35.80	ng	91
12) 1,3-Dichlorobenzene	6.81	146	692662m	34.82	ng	
13) 1,4-Dichlorobenzene	6.88	146	727323	34.22	ng	98
14) 1,2-Dichlorobenzene	7.04	146	663210	35.17	ng	98
15) Benzyl Alcohol	7.01	79	493929	39.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1012820	36.00	ng	91
17) 2-Methylphenol	7.12	107	569503	37.58	ng	97
18) Hexachloroethane	7.38	117	244640	38.62	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	430997	35.62	ng	# 82
20) 3+4-Methylphenols	7.28	107	625040	38.03	ng	# 78
22) Acetophenone	7.28	105	869065	39.18	ng	# 89
24) Nitrobenzene	7.45	77	715430	36.27	ng	99
25) Isophorone	7.69	82	1300918	37.24	ng	100
26) 2-Nitrophenol	7.77	139	375063	42.51	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	663243	38.33	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	848946	41.55	ng	99
29) 2,4-Dichlorophenol	8.01	162	563069	41.26	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	555955	37.76	ng	98
31) Naphthalene	8.17	128	1888851	37.52	ng	99
32) Benzoic acid	7.93	122	371155	36.09	ng	97
33) 4-Chloroaniline	8.22	127	214548	10.30	ng	95
34) Hexachlorobutadiene	8.29	225	277258	37.37	ng	99
35) Caprolactam	8.59	113	185960	42.08	ng	# 83
36) 4-Chloro-3-methylphenol	8.70	107	593189	38.66	ng	96
37) 2-Methylnaphthalene	8.86	142	1236963	39.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	453616	35.53	ng	97
40) Hexachlorocyclopentadiene	9.01	237	273688	87.12	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	329489	37.20	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	365456	37.89	nq #	90
45) 1,1'-Biphenyl	9.33	154	1425602	37.85	nq	96
46) 2-Chloronaphthalene	9.36	162	1114335	39.04	nq	94
47) 2-Nitroaniline	9.45	65	382880	39.47	nq	86
48) Acenaphthylene	9.77	152	1741550	39.07	nq	99
49) Dimethylphthalate	9.63	163	1329153	36.40	nq	100
50) 2,6-Dinitrotoluene	9.69	165	280227	37.29	nq #	73
51) Acenaphthene	9.94	154	1090718	41.71	nq	99
52) 3-Nitroaniline	9.86	138	157822	16.52	nq	83
53) 2,4-Dinitrophenol	9.96	184	158384	99.23	nq	90
54) Dibenzofuran	10.11	168	1477798	41.57	nq	96
55) 4-Nitrophenol	10.02	139	456661	77.07	nq	85
56) 2,4-Dinitrotoluene	10.09	165	356935	38.22	nq #	66
57) Fluorene	10.45	166	1056207	40.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265111	40.96	nq	99
59) Diethylphthalate	10.33	149	1254873	35.22	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	443279	36.33	nq	93
61) 4-Nitroaniline	10.48	138	280709	31.38	nq #	79
62) Azobenzene	10.60	77	1387717	39.51	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	109187	45.15	nq #	59
65) n-Nitrosodiphenylamine	10.57	169	1027583	40.19	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	300269	36.01	nq #	91
67) Hexachlorobenzene	11.00	284	310868	37.14	nq #	70
68) Atrazine	11.09	200	297184	37.82	nq	96
69) Pentachlorophenol	11.20	266	324505	74.02	nq	97
70) Phenanthrene	11.41	178	1462574	39.77	nq	99
71) Anthracene	11.46	178	1497640	38.03	nq	99
72) Carbazole	11.62	167	1460671	39.19	nq	97
73) Di-n-butylphthalate	11.95	149	1835204	38.24	nq	100
74) Fluoranthene	12.59	202	1236367	36.26	nq	98
76) Benzidine	12.72	184	506552	26.17	nq	98
77) Pyrene	12.82	202	1214452	37.34	nq	98
79) Butylbenzylphthalate	13.45	149	686931	40.01	nq	99
80) Benzo(a)anthracene	14.01	228	935486	40.50	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	275290	17.23	nq	98
82) Chrysene	14.04	228	860962	34.48	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	776224	38.60	nq	99
84) Di-n-octyl phthalate	14.61	149	1401610	38.68	nq	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	991096	38.60	nq	96
87) Benzo(b)fluoranthene	15.04	252	1041150m	38.89	nq	
88) Benzo(k)fluoranthene	15.06	252	896338m	39.77	nq	
89) Benzo(a)pyrene	15.38	252	983615	39.86	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	839509	38.98	nq	96
91) Benzo(g,h,i)perylene	17.25	276	811226	39.28	nq #	94

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

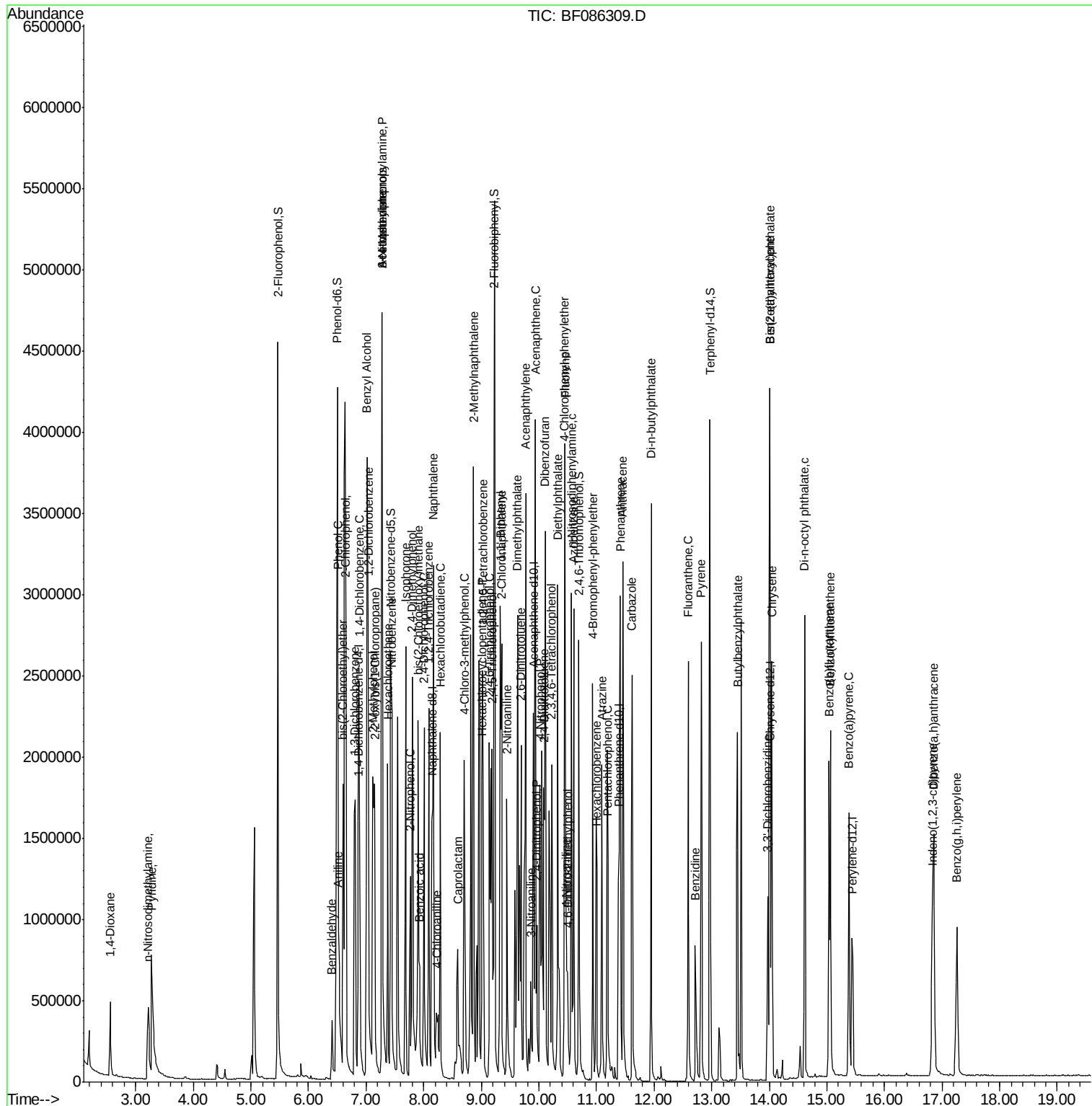
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Data File : BF086309.D  
Acq On    : 20 Apr 2016  15:24  
Operator  : UM/SJ  
Sample    : PB89915BS  
Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
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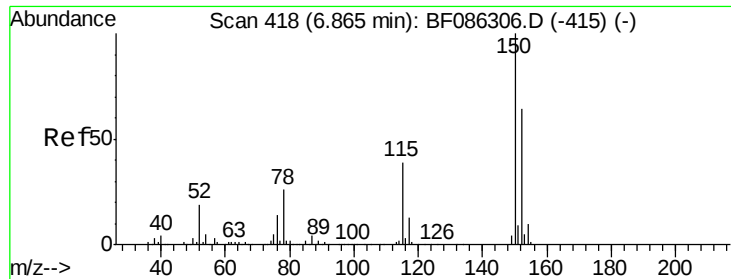
Instrument :
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#1

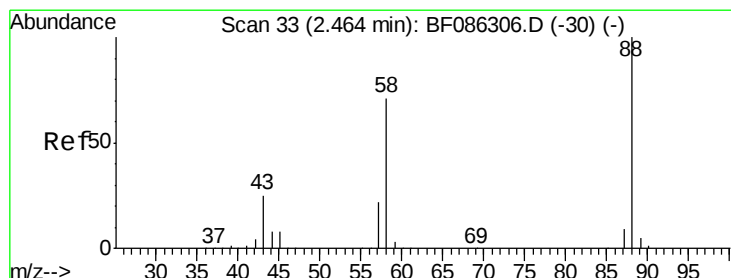
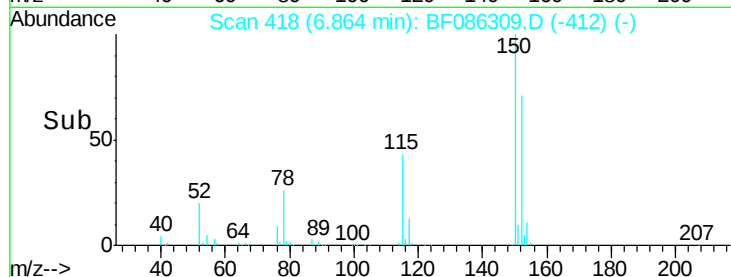
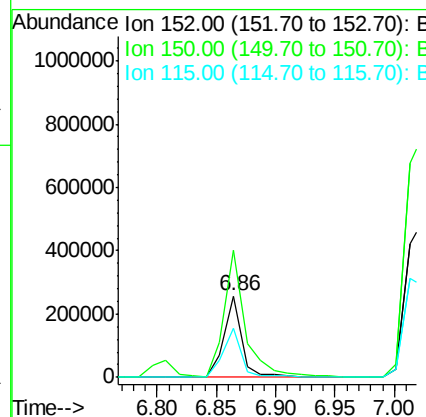
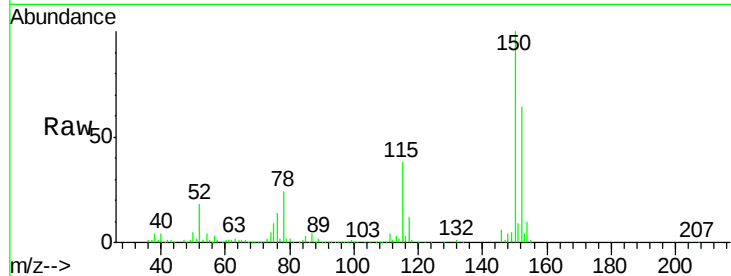
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.1	186.1
115	60.2	43.9	65.9

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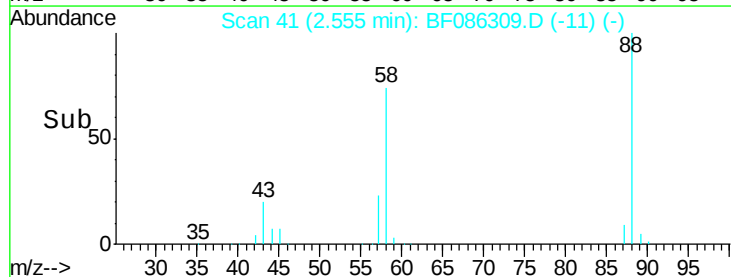
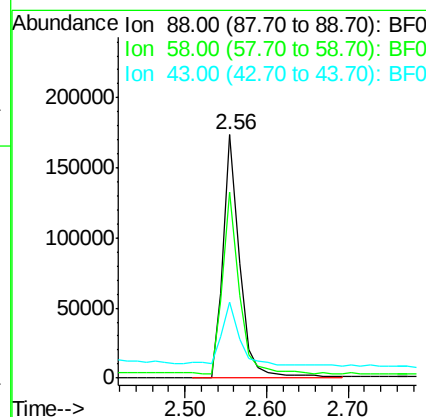
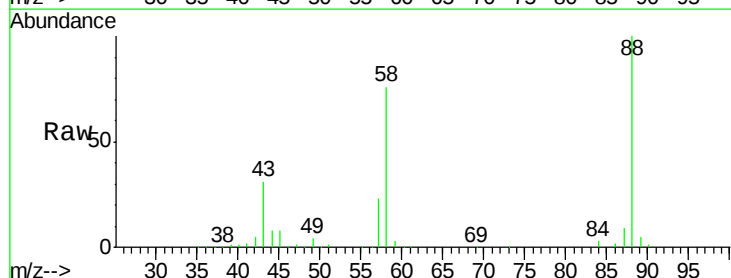
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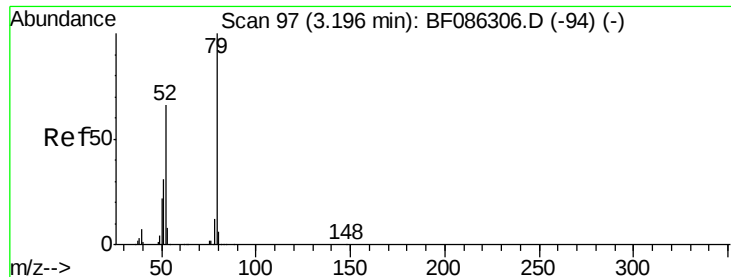


#2

1,4-Dioxane
Concen: 29.58 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	58.4	87.6
43	27.1	23.3	34.9





#3

Pvridine

Concen: 34.46 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

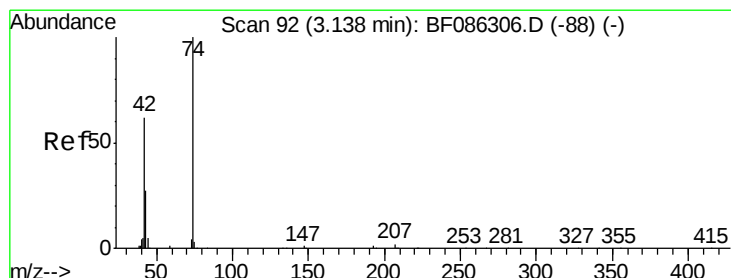
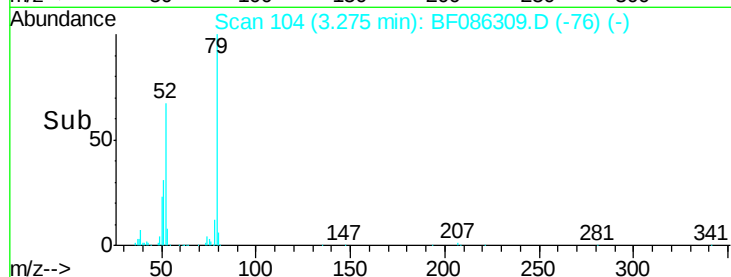
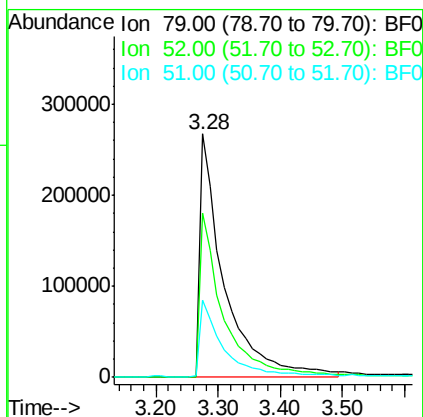
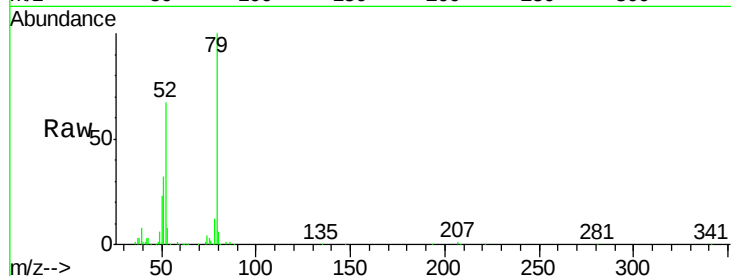
ClientSampleId :

PB89915BS

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Tot Ion:	79	Resp:	729398
Ion Ratio	Lower	Upper	
79	100		
52	67.4	55.4	83.2
51	31.8	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 34.95 ng

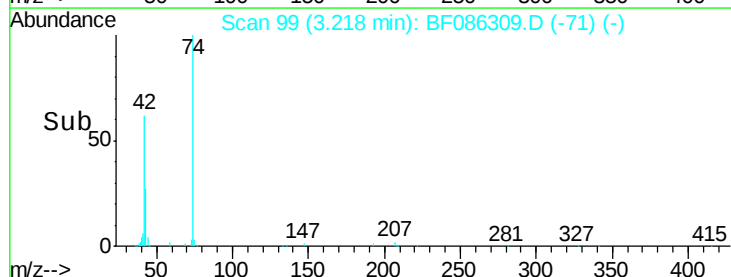
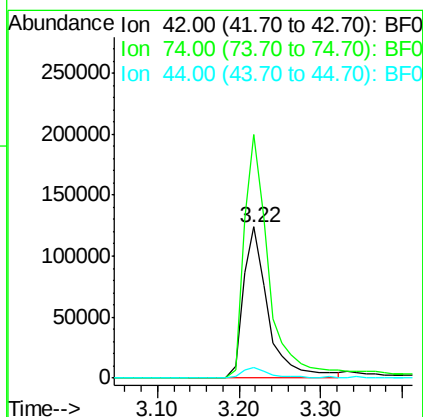
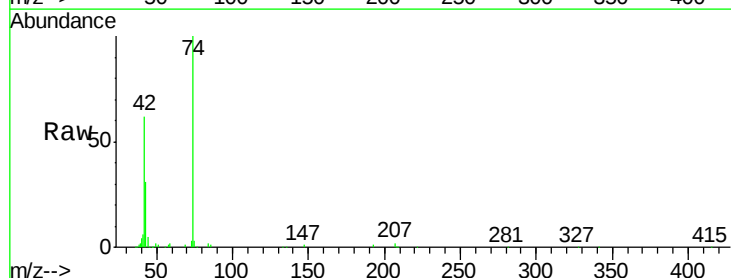
RT: 3.22 min Scan# 99

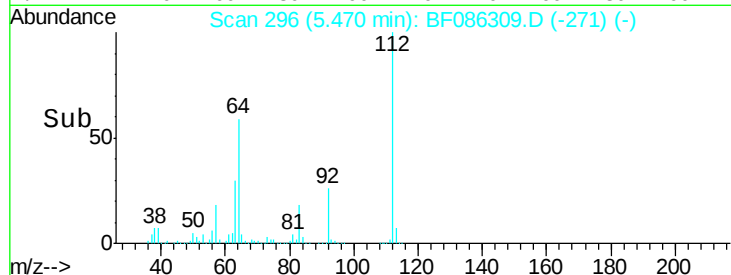
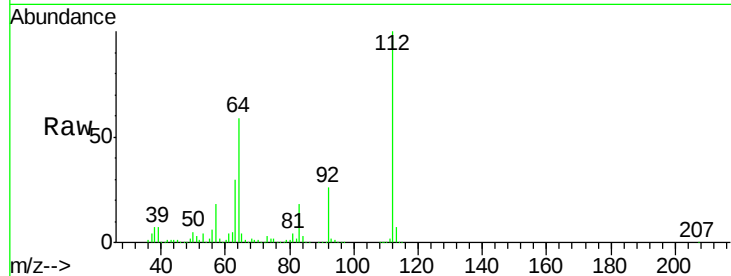
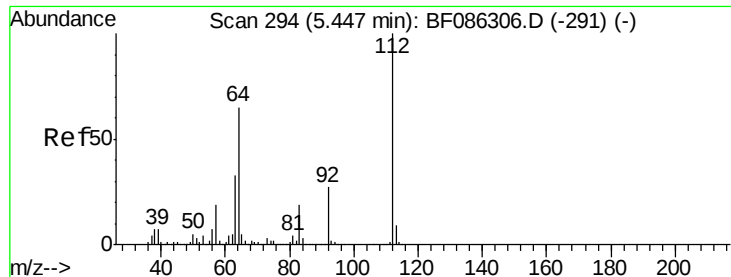
Delta R.T. 0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	42	Resp:	254927
Ion Ratio	Lower	Upper	
42	100		
74	161.2	100.5	150.7#
44	7.5	5.4	8.0





#5

2-Fluorophenol

Concen: 108.93 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tot Ion:	112	Resp:	1662613
Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.1	72.1
63	30.3	25.5	38.3

Instrument :

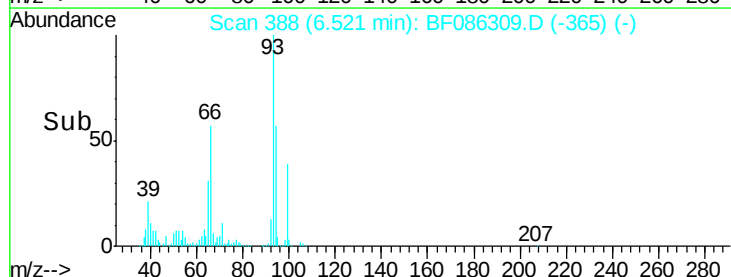
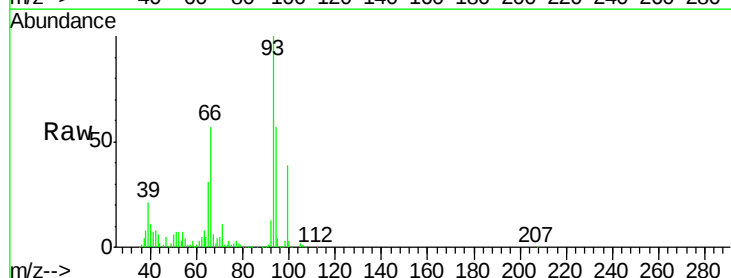
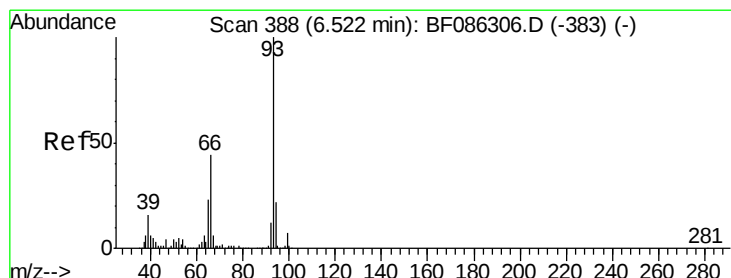
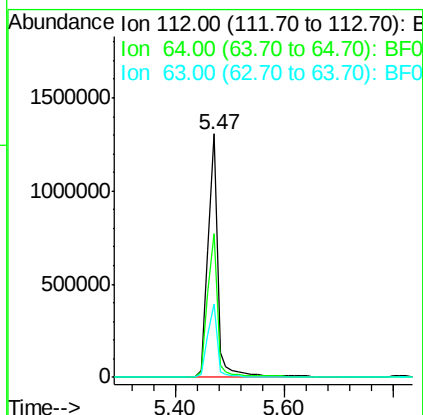
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 16.06 ng

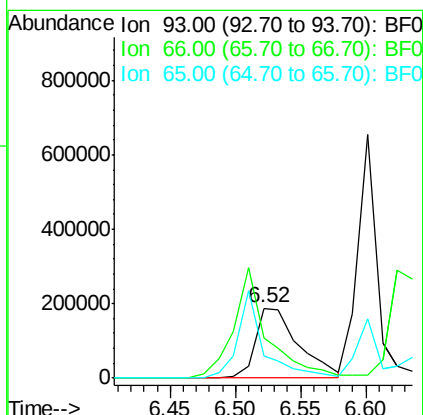
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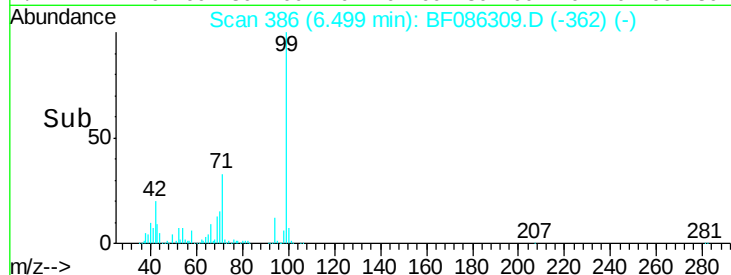
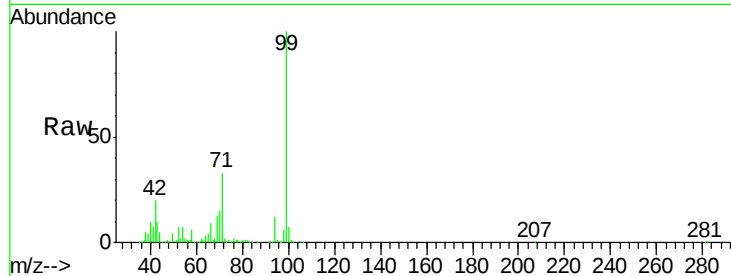
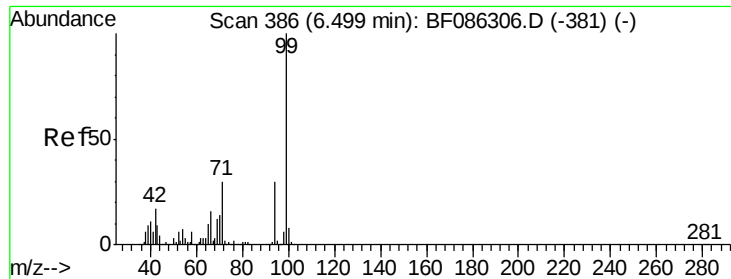
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	93	Resp:	431641
Ion	Ratio	Lower	Upper
93	100		
66	56.7	32.2	48.2#
65	31.0	16.4	24.6#





#7

Phenol-d6

Concen: 103.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tot Ion:	99	Resp:	2061464
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.4	23.2
71	32.7	25.6	38.4

Instrument :

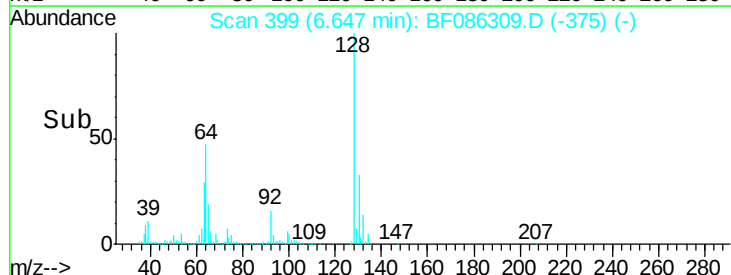
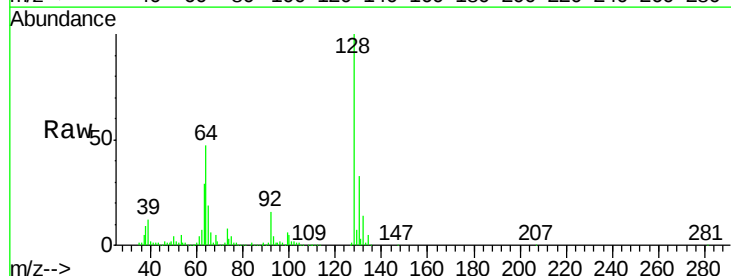
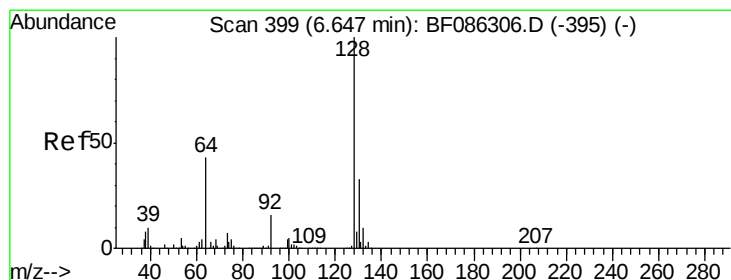
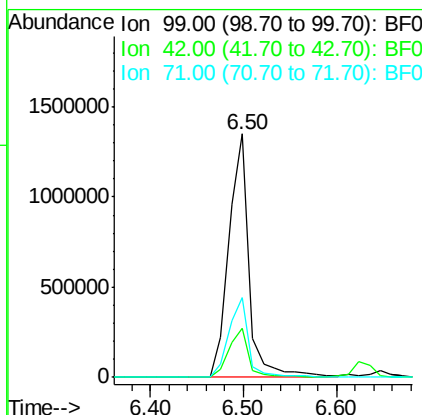
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 35.59 ng

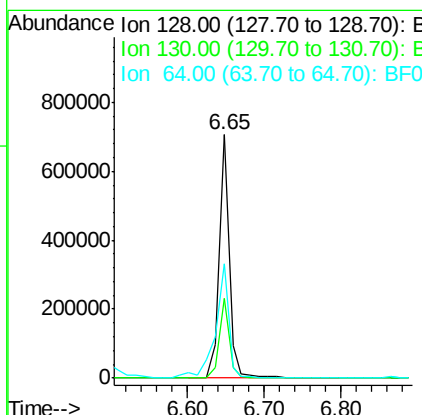
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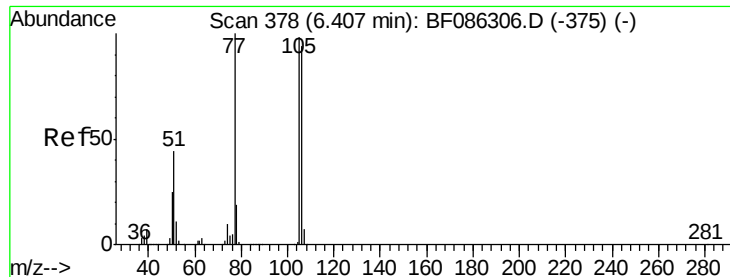
Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	128	Resp:	645303
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.8	51.8
64	46.7	39.5	79.5





#9

Benzaldehyde

Concen: 9.50 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

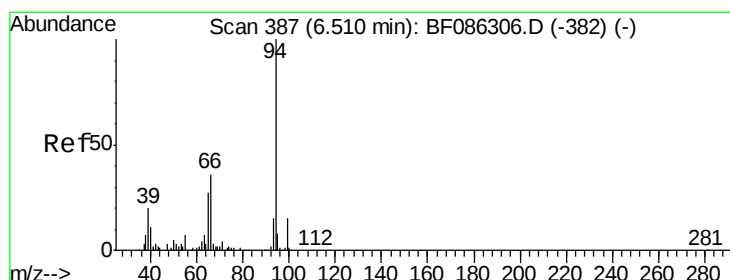
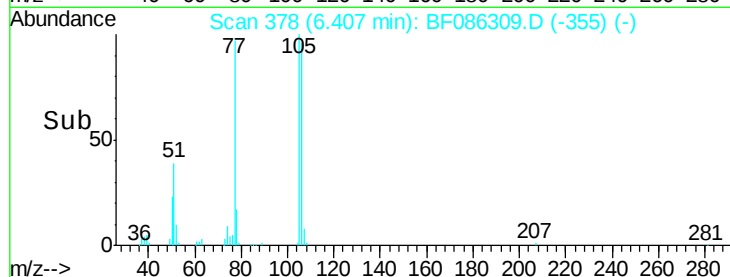
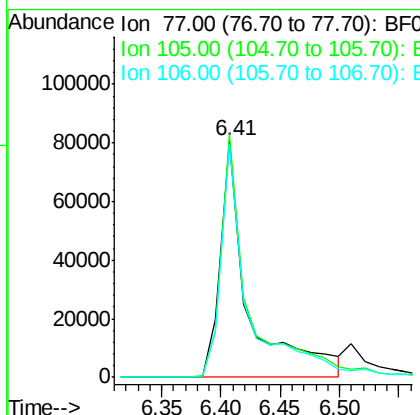
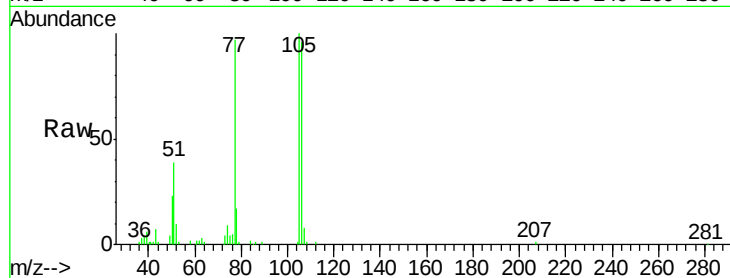
ClientSampleId :

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Tot Ion:	77	Resp:	134513
Ion Ratio	Lower	Upper	
77	100		
105	103.0	84.6	124.6
106	98.6	78.6	118.6

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#10

Phenol

Concen: 37.70 ng

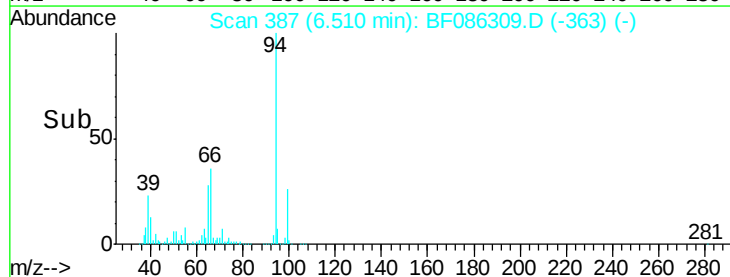
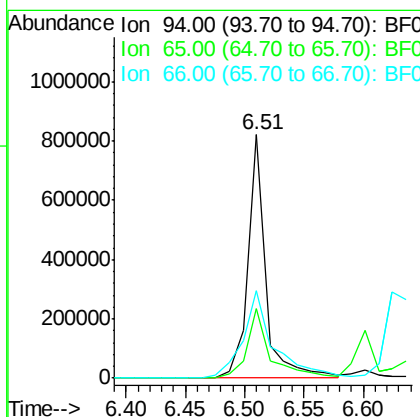
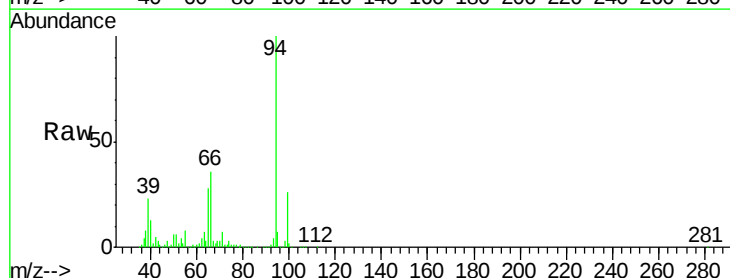
RT: 6.51 min Scan# 387

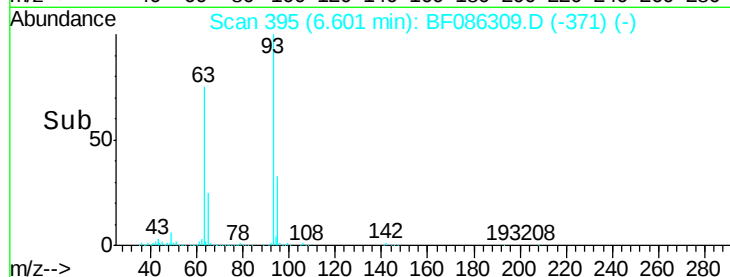
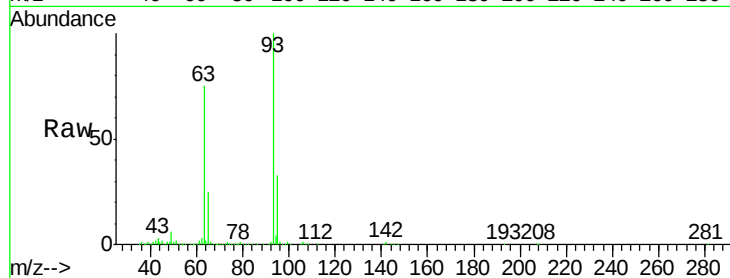
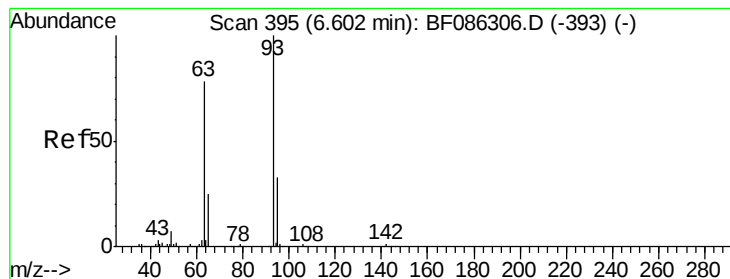
Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	94	Resp:	863086
Ion Ratio	Lower	Upper	
94	100		
65	28.4	7.9	47.9
66	36.1	16.5	56.5





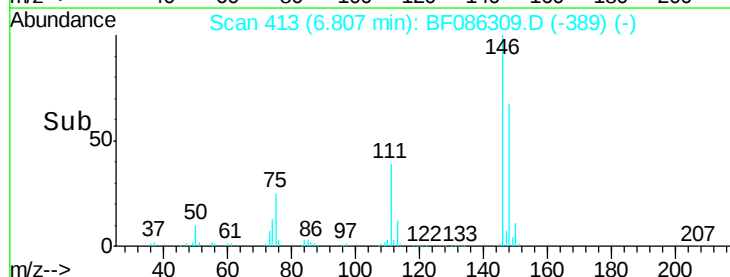
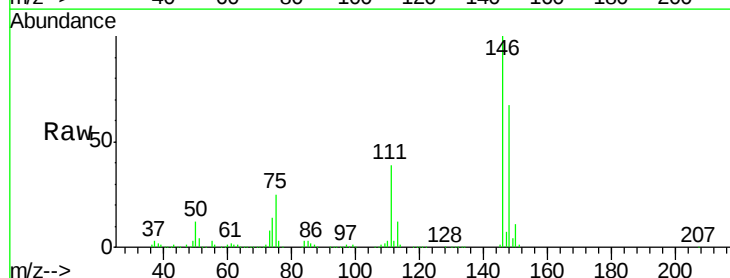
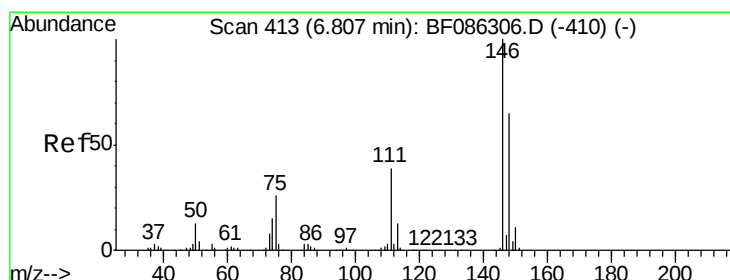
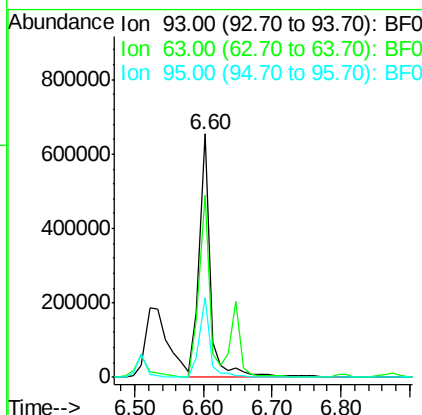
#11
bis(2-Chloroethyl)ether
Concen: 35.80 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tot Ion	Ratio	Resp	Lower	Upper
93	100	715754		
63	74.9	44.4	84.4	
95	32.6	13.1	53.1	

Instrument :
BNA_F
ClientSampleId :
PB89915BS

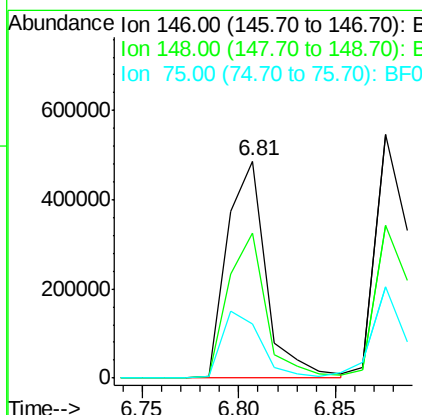
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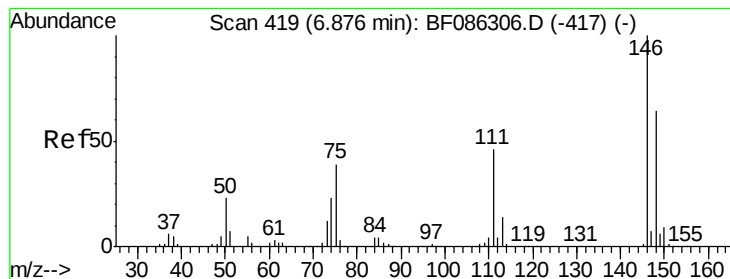
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#12
1,3-Dichlorobenzene
Concen: 34.82 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	692662		
148	66.7	51.0	76.4	
75	25.0	29.9	44.9	





#13

1,4-Dichlorobenzene

Concen: 34.22 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

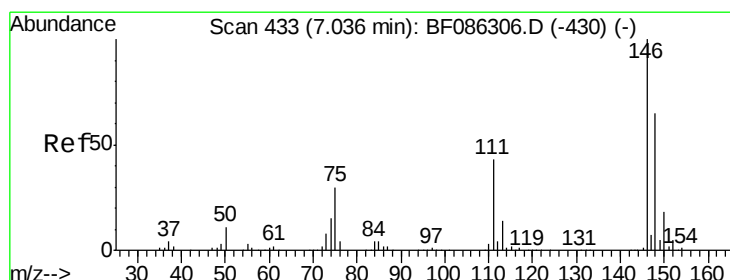
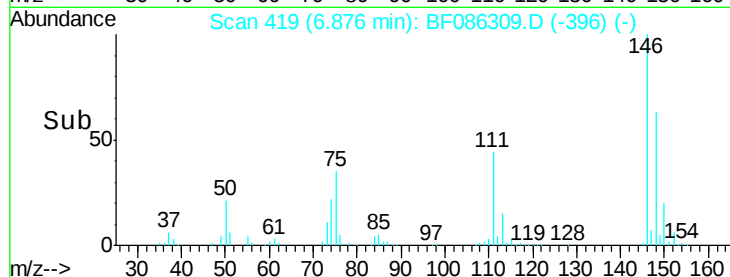
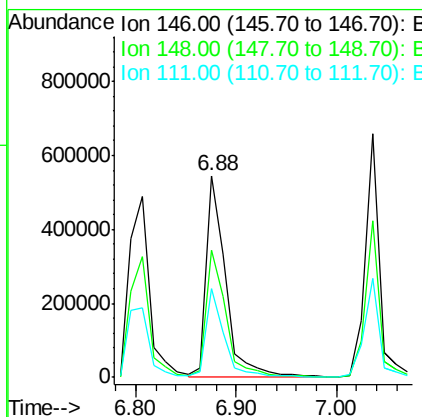
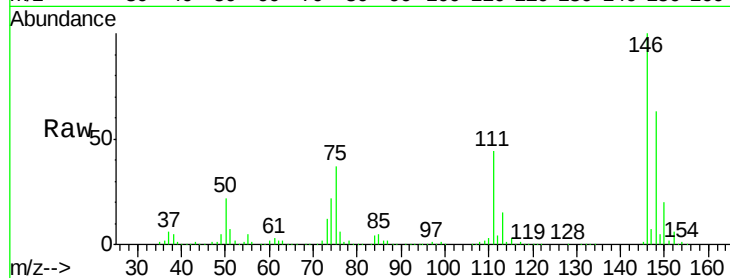
ClientSampleId :

PB89915BS

Tot Ion:	146	Resp:	727323
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.6
111	44.1	34.9	52.3

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#14

1,2-Dichlorobenzene

Concen: 35.17 ng

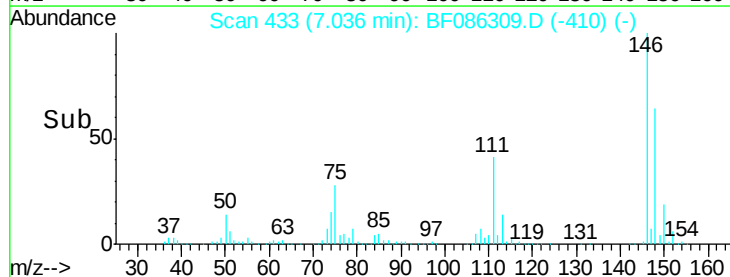
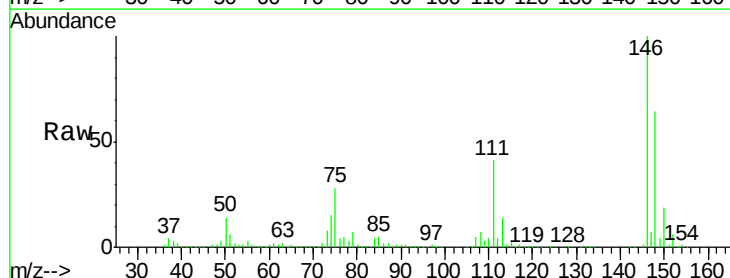
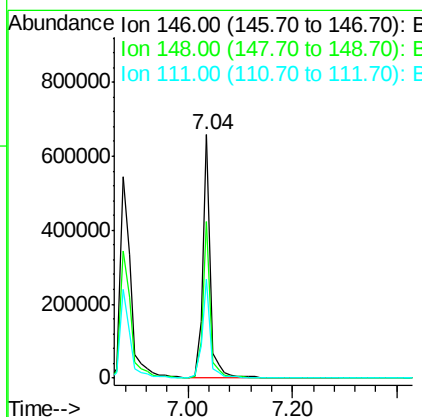
RT: 7.04 min Scan# 433

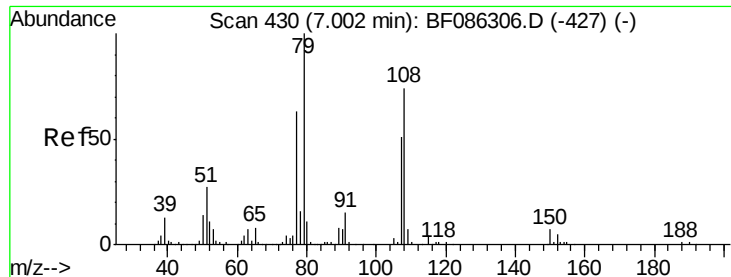
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	146	Resp:	663210
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	40.7	31.0	46.4





#15

Benzyl Alcohol

Concen: 39.80 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

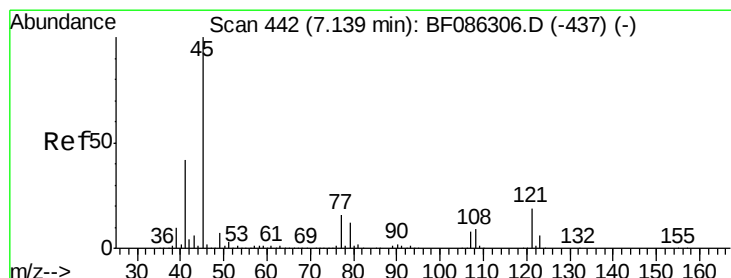
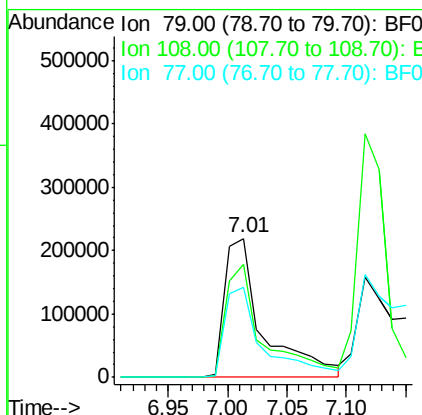
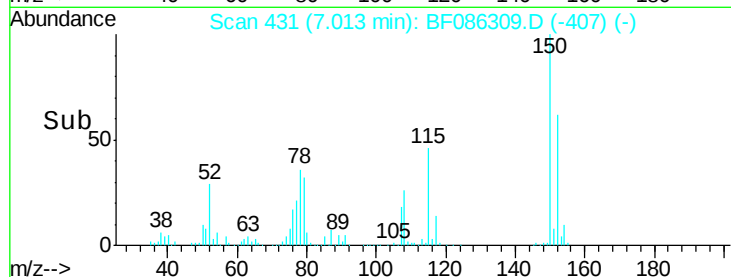
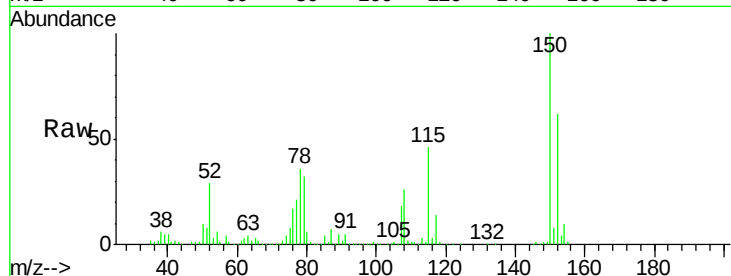
ClientSampled :

PB89915BS

Tot Ion:	79	Resp:	493929
Ion Ratio	Lower	Upper	
79	100		
108	81.0	64.8	97.2
77	64.6	51.9	77.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.00 ng

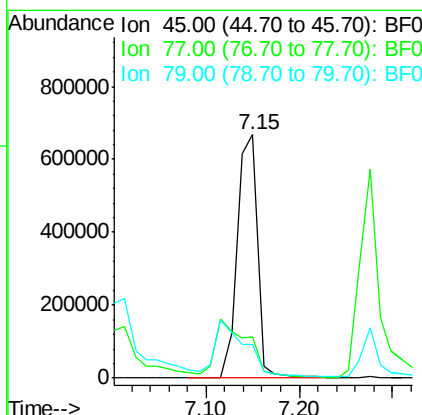
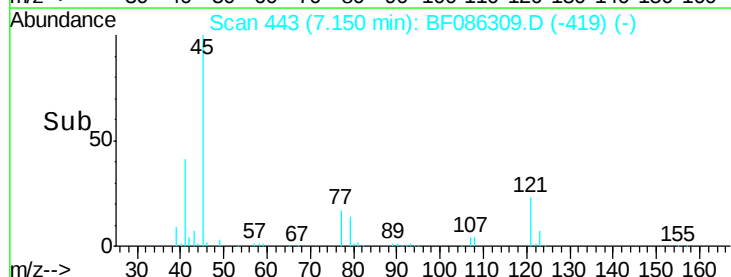
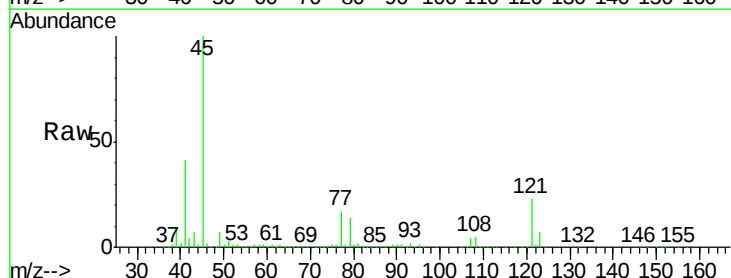
RT: 7.15 min Scan# 443

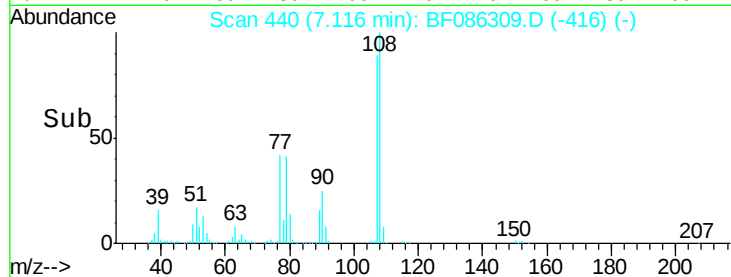
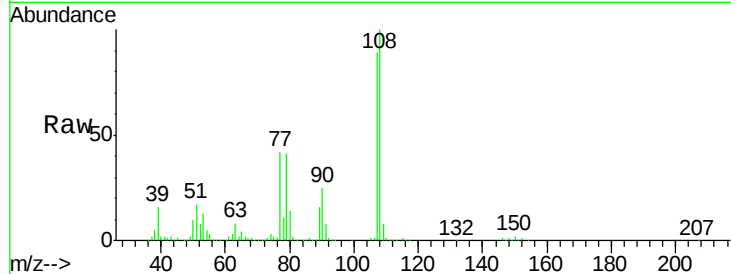
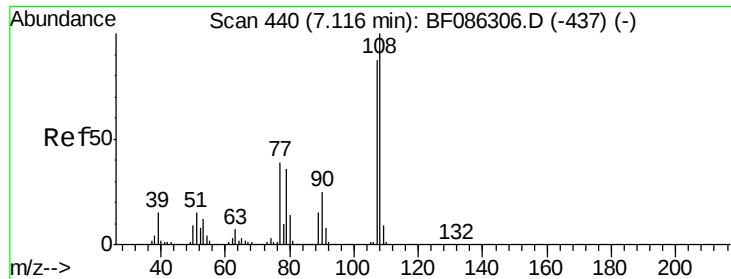
Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	45	Resp:	1012820
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	33.7
79	14.0	0.0	30.1





#17

2-Methylphenol

Concen: 37.58 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tot Ion	107	Resp	569503
Ion Ratio	Lower	Upper	
107	100		
108	112.6	92.7	139.1
77	47.3	39.6	59.4
79	46.4	37.4	56.2

Instrument :

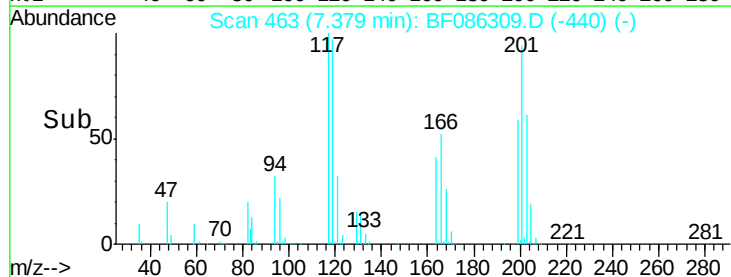
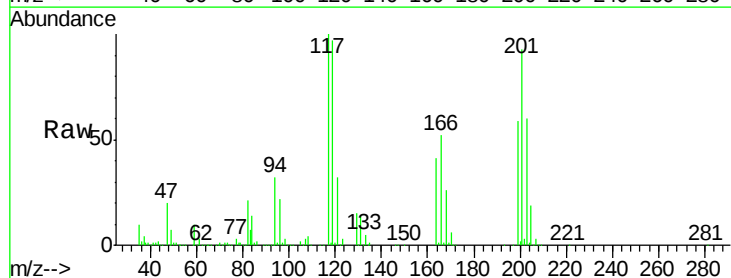
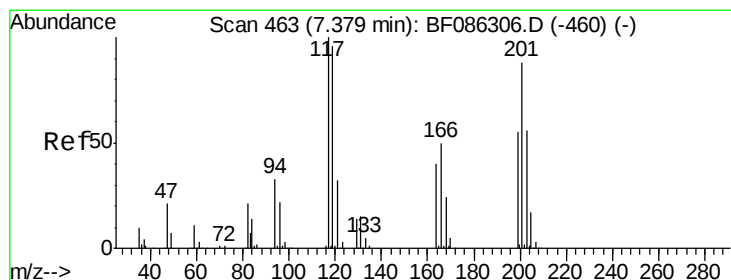
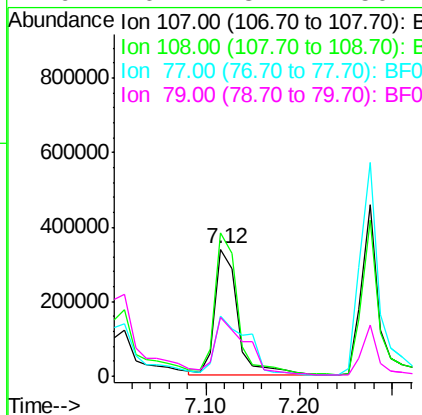
BNA_F

ClientSampled :

PB89915BS

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#18

Hexachloroethane

Concen: 38.62 ng

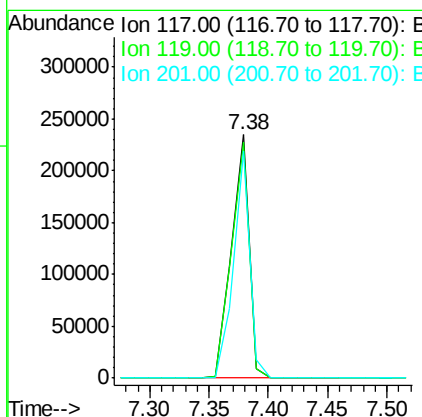
RT: 7.38 min Scan# 463

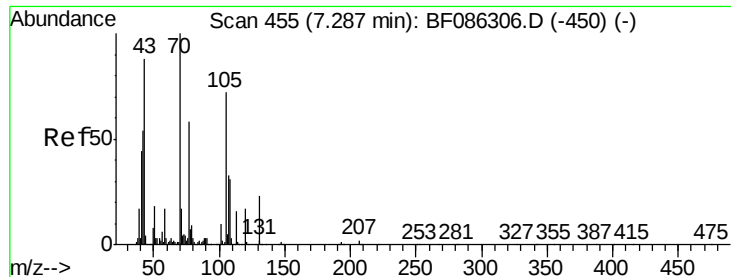
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion	117	Resp	244640
Ion Ratio	Lower	Upper	
117	100		
119	97.1	78.2	117.4
201	93.5	75.7	113.5





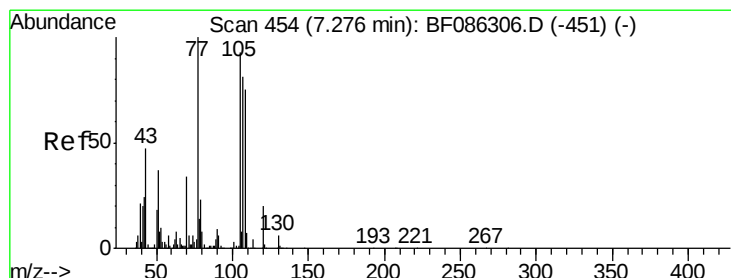
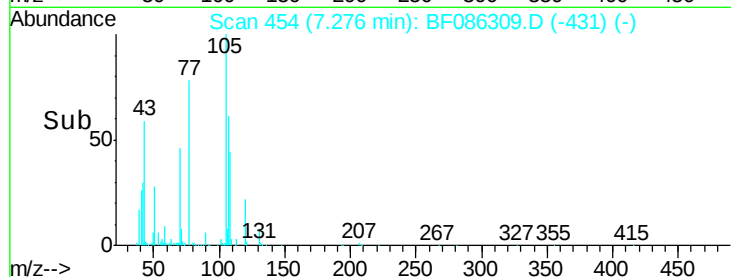
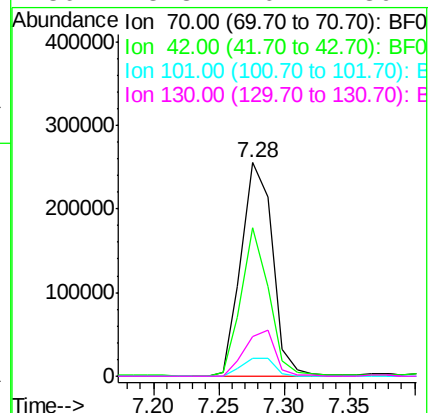
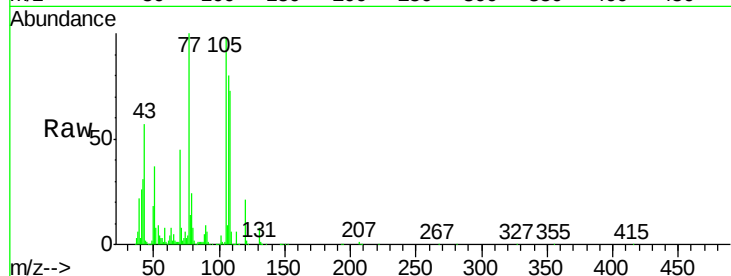
#19
 n-Nitroso-di-n-propylamine
 Concen: 35.62 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.3	43.0	64.4#
101	8.3	8.1	12.1
130	18.3	20.1	30.1#

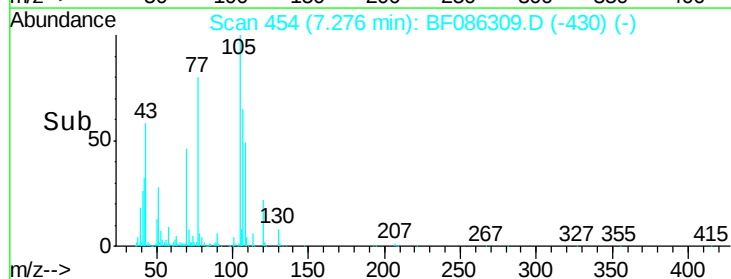
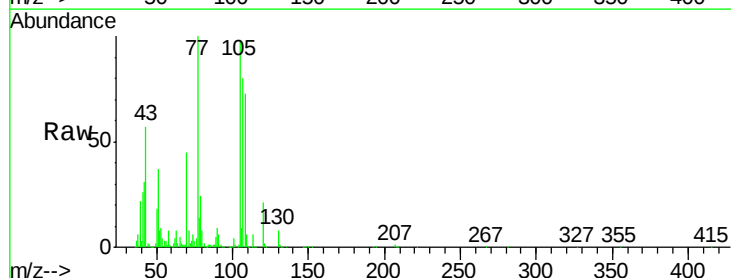
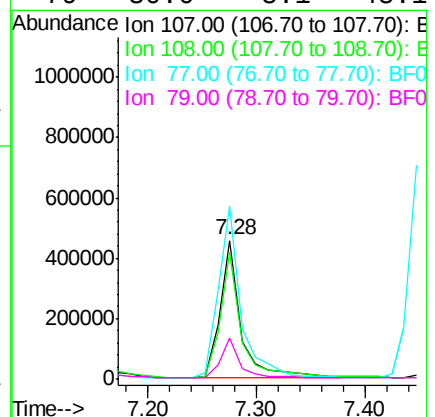
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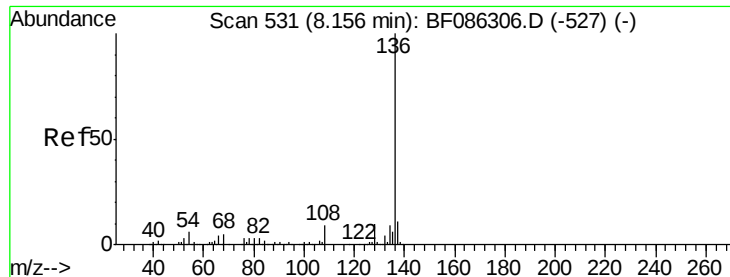
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#20
 3+4-Methylphenols
 Concen: 38.03 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.7	109.7
77	124.9	60.5	100.5#
79	30.0	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tot Ion:136 Resp: 1056049

Ion Ratio Lower Upper

136 100

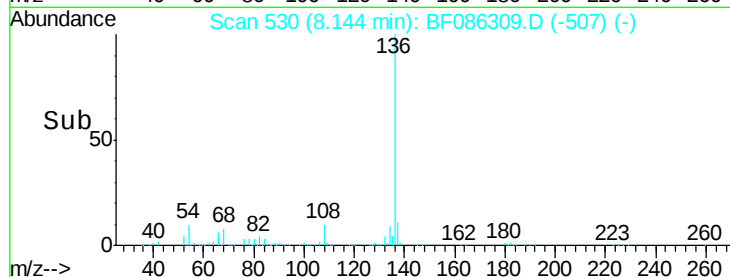
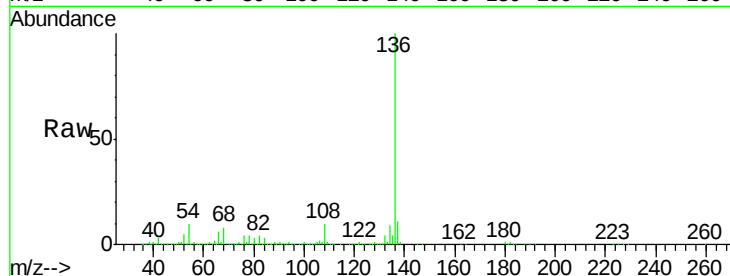
137 11.3 9.1 13.7

54 9.9 7.3 10.9

68 8.0 5.7 8.5

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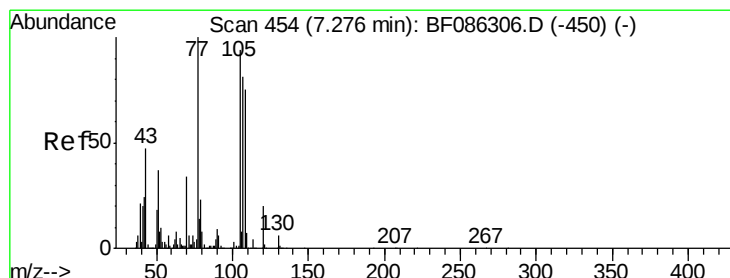
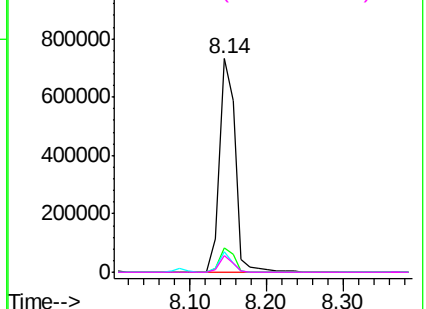


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.18 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:105 Resp: 869065

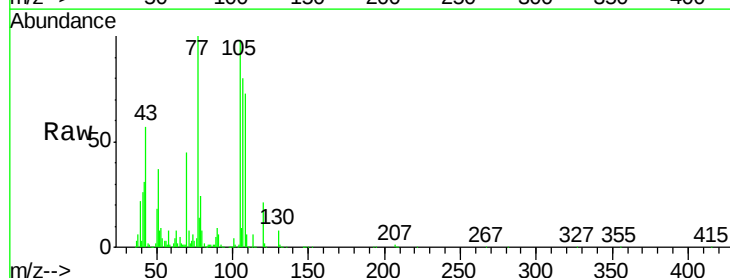
Ion Ratio Lower Upper

105 100

71 7.9 4.0 6.0#

51 37.9 22.0 33.0#

120 21.5 17.5 26.3

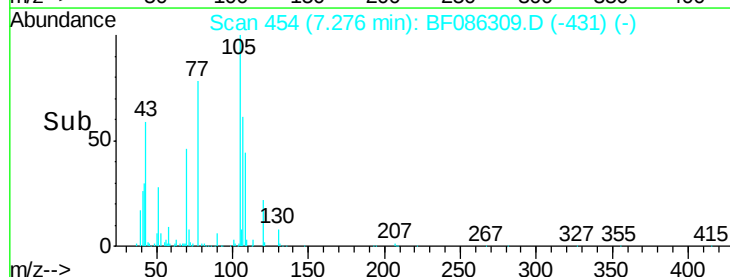
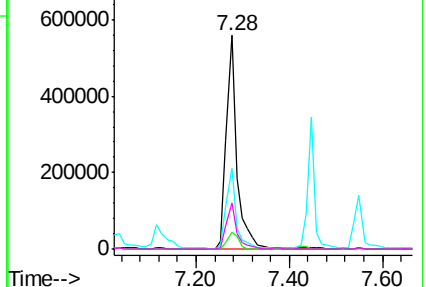


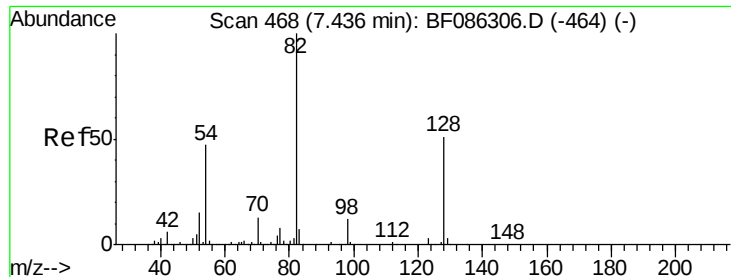
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





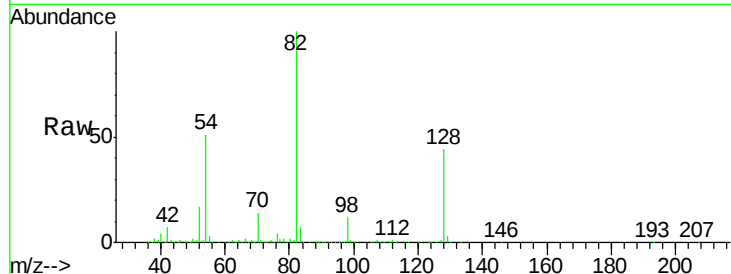
#23
 Nitrobenzene-d5
 Concen: 77.42 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

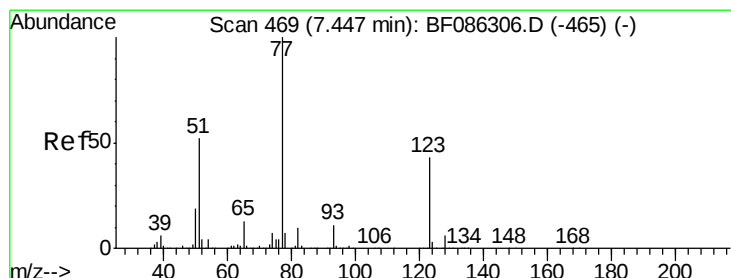
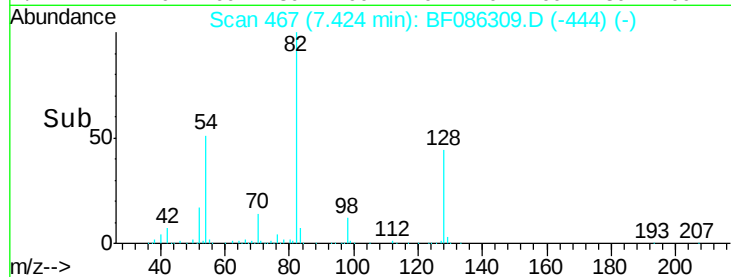
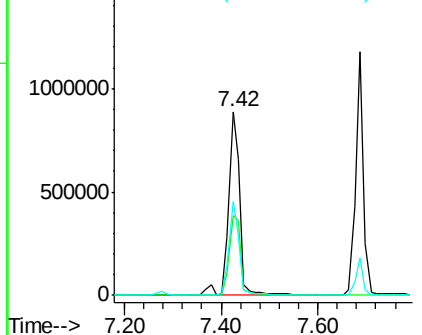
Tot Ion	82	Resp	1427514
Ion Ratio	100	Lower	Upper
82	100		
128	43.6	35.4	53.2
54	51.3	43.4	65.0

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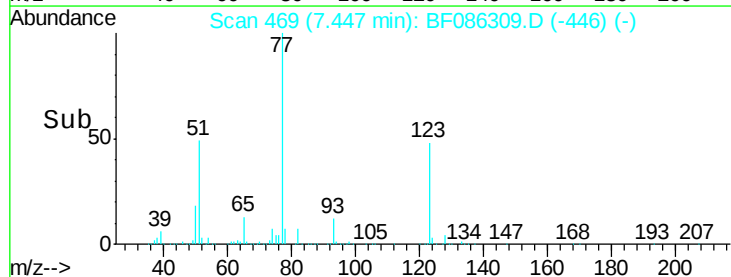
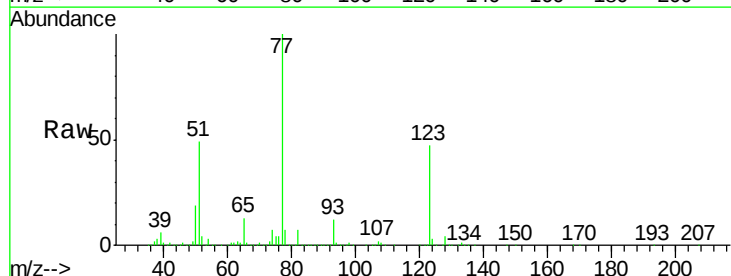
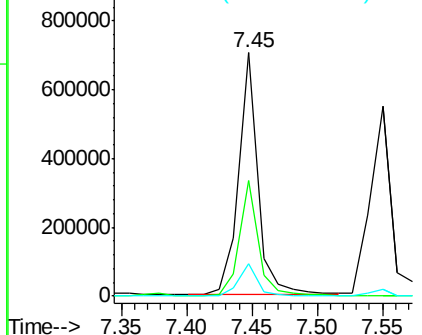
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

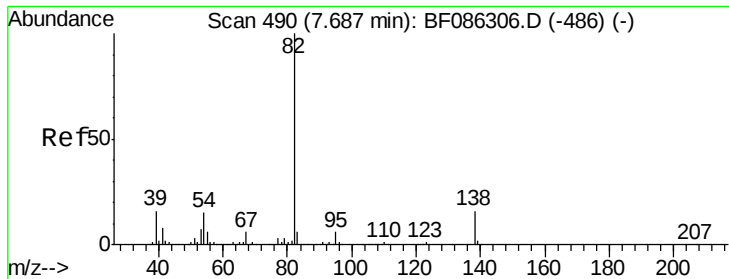


#24
 Nitrobenzene
 Concen: 36.27 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	77	Resp	715430
Ion Ratio	100	Lower	Upper
77	100		
123	47.3	38.3	57.5
65	13.1	11.3	16.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.24 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tot Ion: 82 Resp: 1300918

Ion Ratio Lower Upper

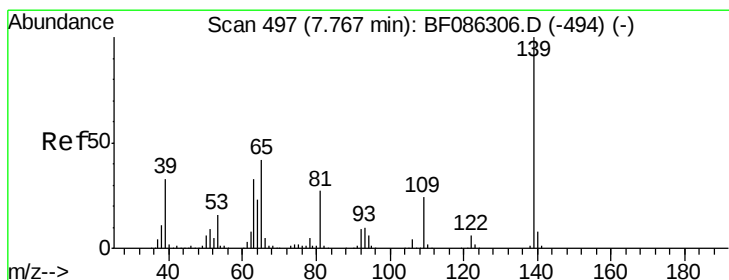
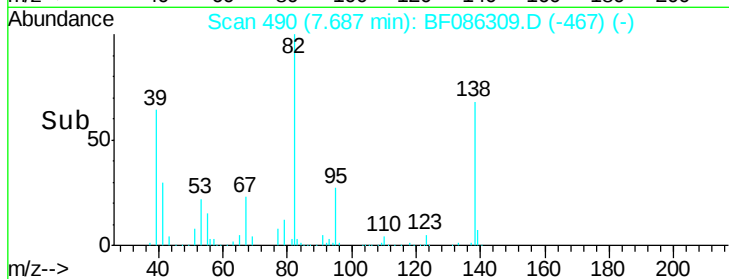
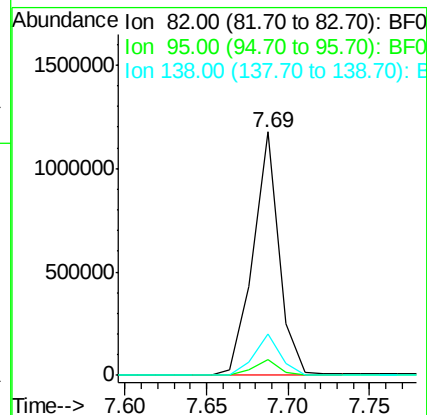
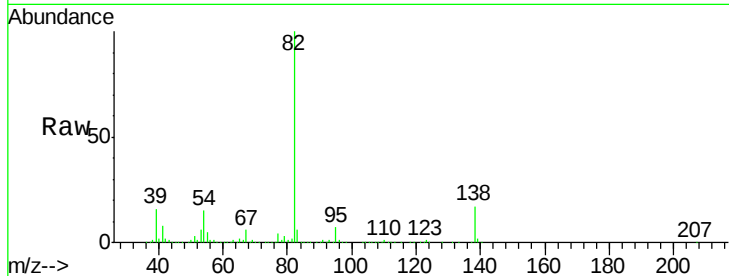
82 100

95 6.6 5.4 8.2

138 16.9 13.4 20.2

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#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

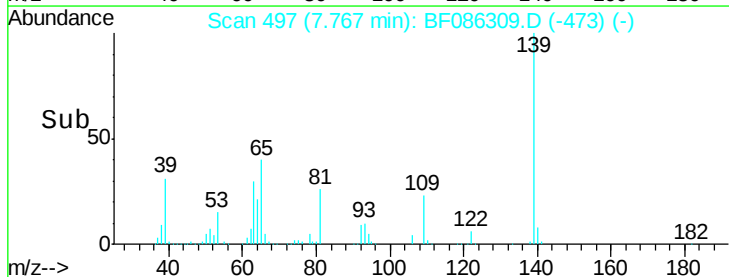
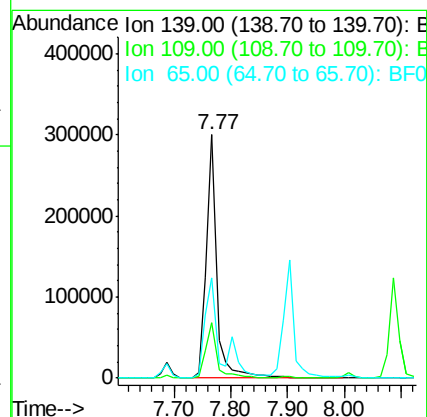
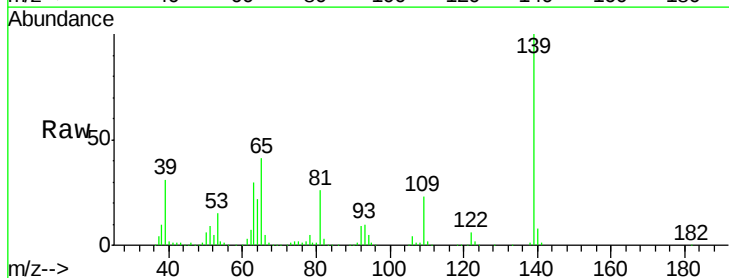
Tgt Ion: 139 Resp: 375063

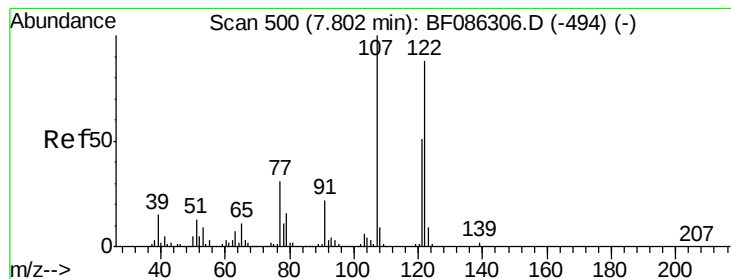
Ion Ratio Lower Upper

139 100

109 22.8 25.8 38.8#

65 41.0 50.2 75.2#





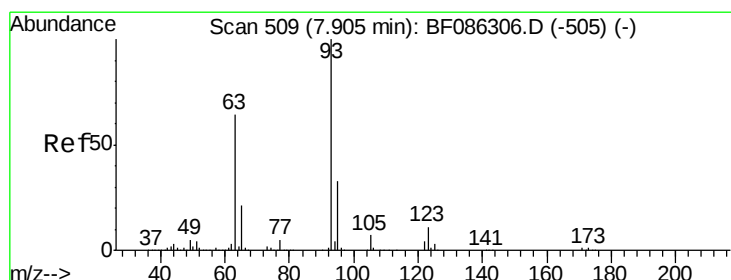
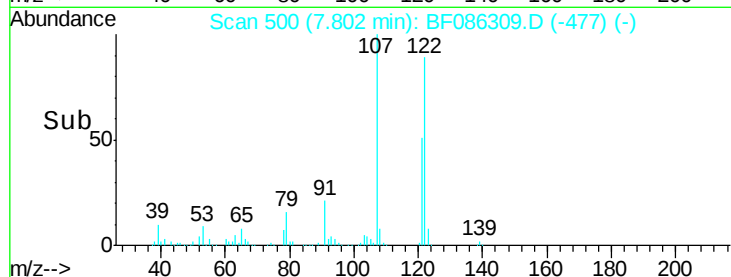
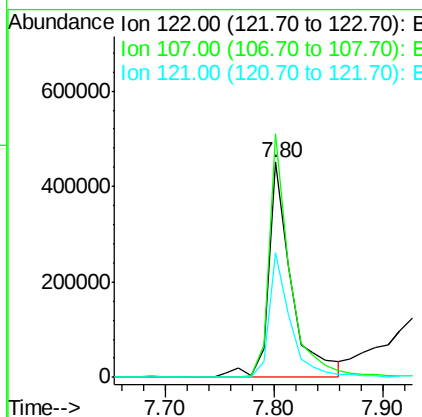
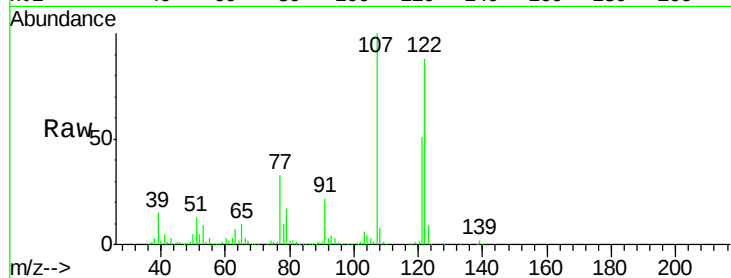
#27
 2,4-Dimethylphenol
 Concen: 38.33 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	663243		
107	113.1	85.8	128.6	
121	57.9	47.1	70.7	

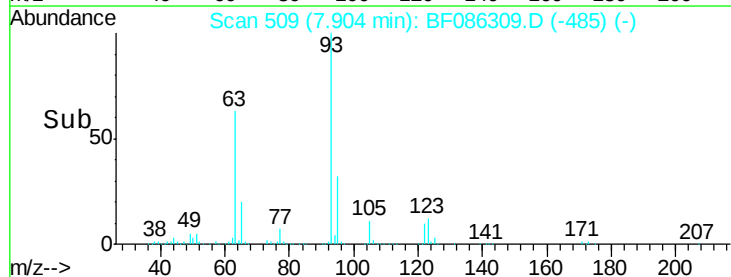
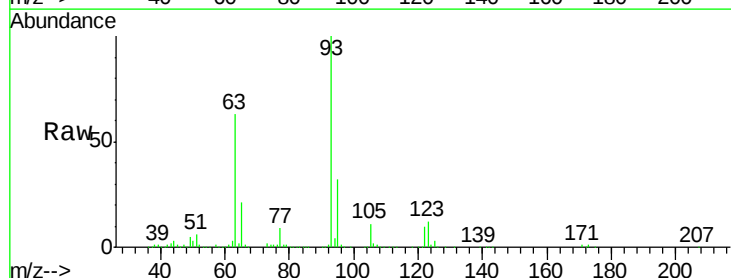
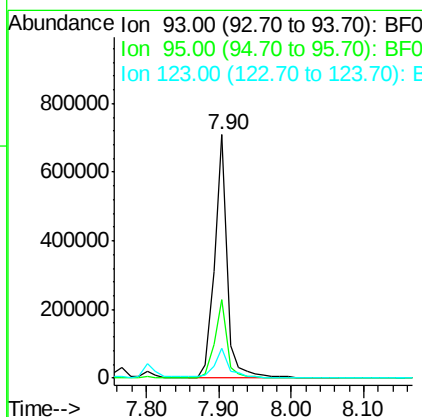
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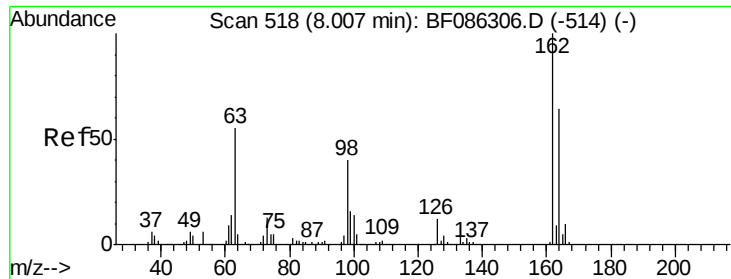
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.55 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	848946		
95	32.4	25.8	38.8	
123	12.1	8.9	13.3	





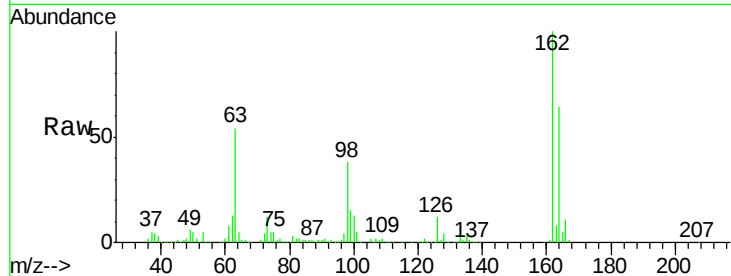
#29
 2,4-Dichlorophenol
 Concen: 41.26 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

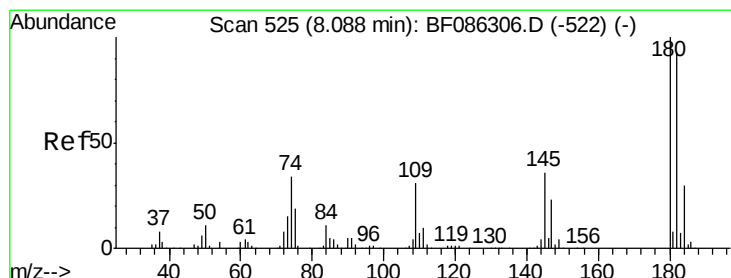
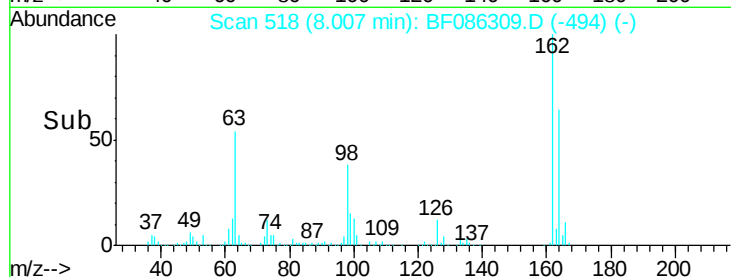
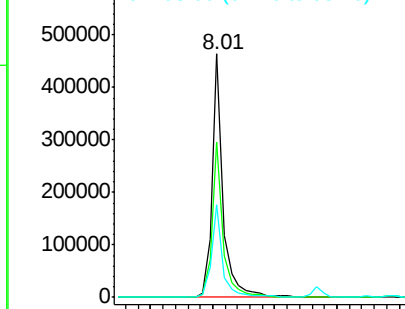
Tot Ion:	162	Resp:	563069
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.3	83.3
98	38.3	22.9	62.9

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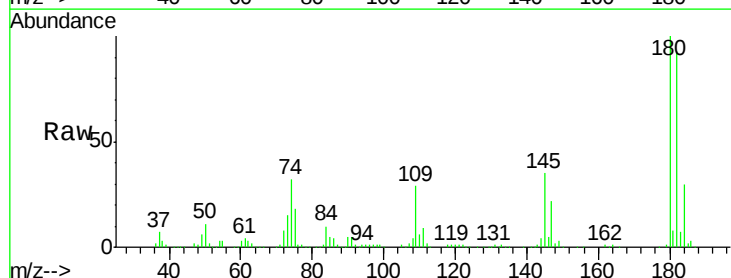


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

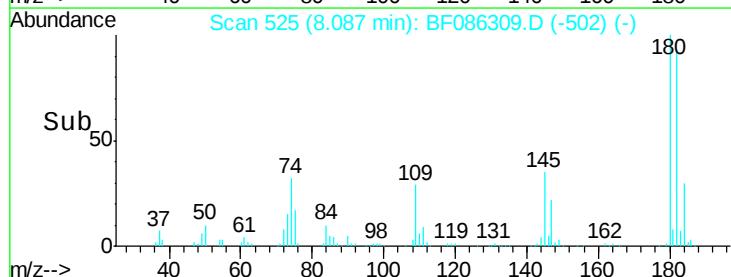
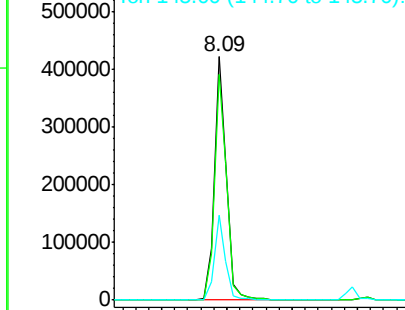


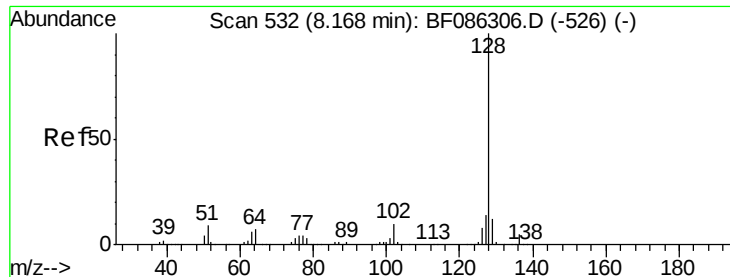
#30
 1,2,4-Trichlorobenzene
 Concen: 37.76 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:	180	Resp:	555955
Ion Ratio	Lower	Upper	
180	100		
182	92.6	76.3	114.5
145	35.0	27.4	41.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





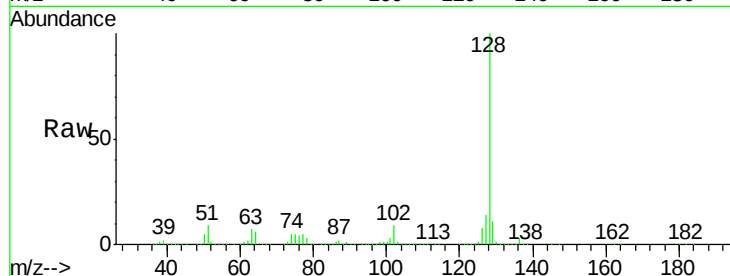
#31
Naphthalene
Concen: 37.52 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

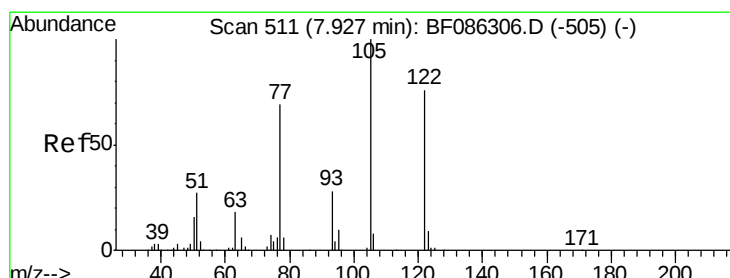
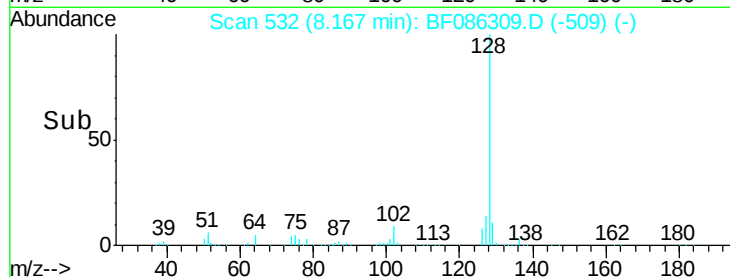
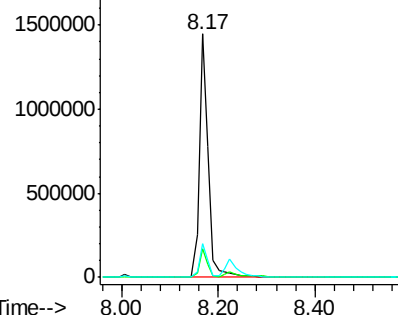
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.7	11.4	17.2

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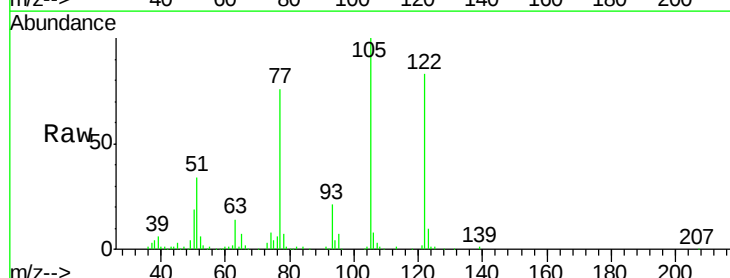


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

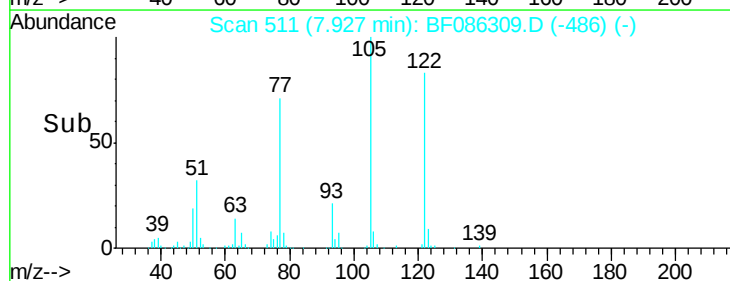
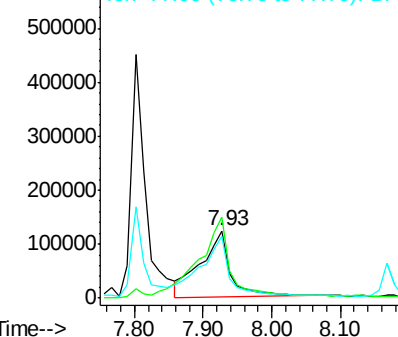


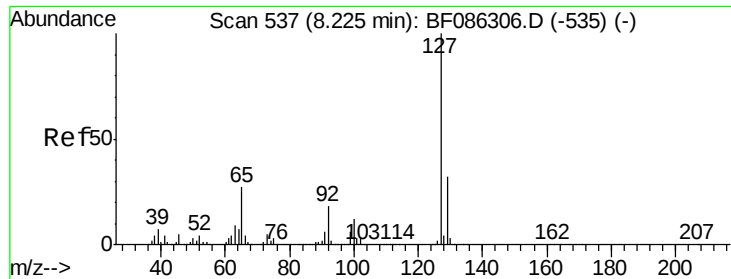
#32
Benzoic acid
Concen: 36.09 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	103.7	143.7
77	92.2	74.9	114.9



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.30 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

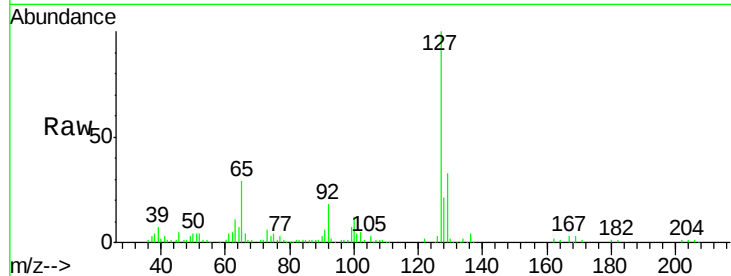
ClientSampleId :

PB89915BS

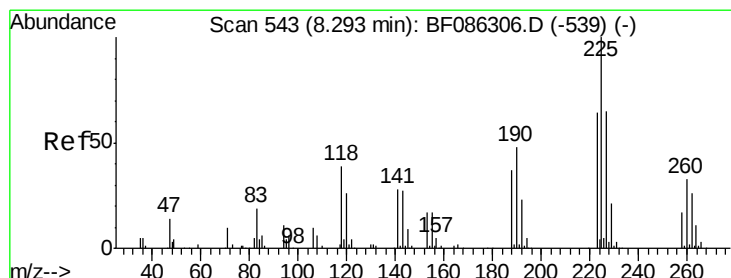
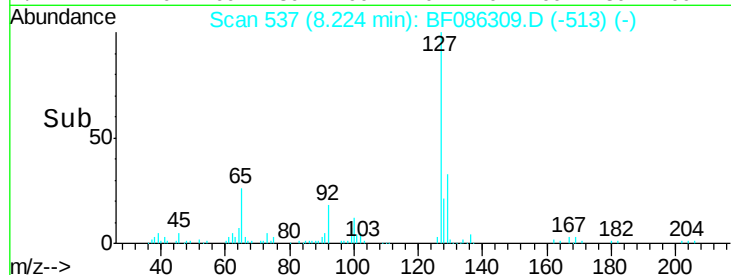
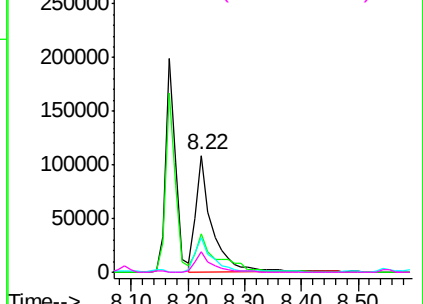
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.8	40.2		
65	29.2	27.1	40.7		
92	17.8	16.2	24.2		

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Abundance Ion 127.00 (126.70 to 127.70): E



#34

Hexachlorobutadiene

Concen: 37.37 ng

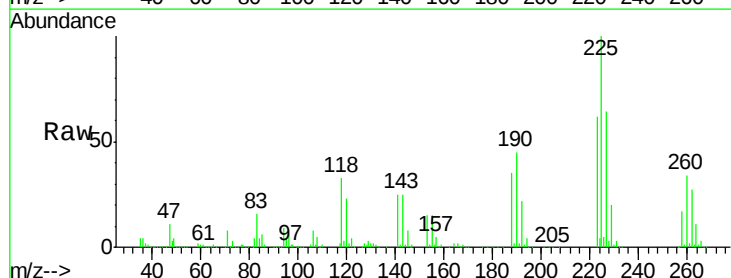
RT: 8.29 min Scan# 543

Delta R.T. -0.03 min

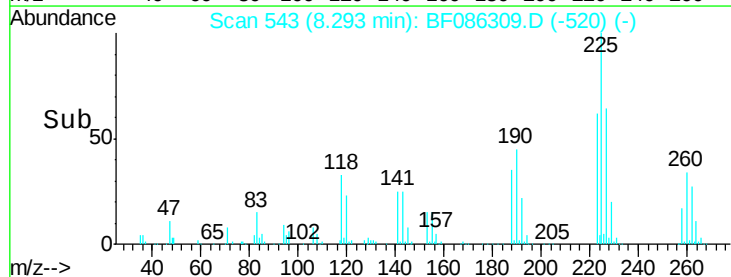
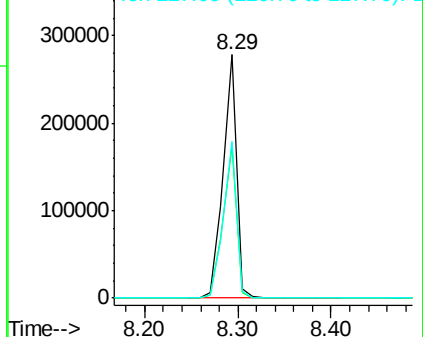
Lab File: BF086309.D

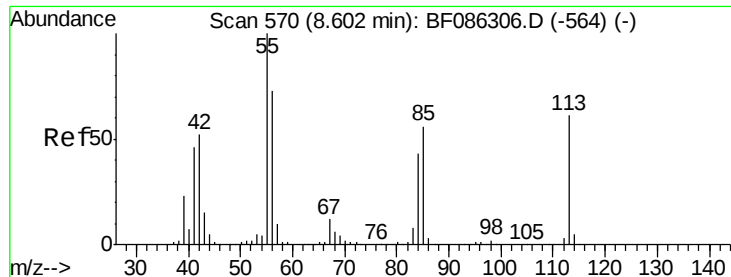
Acq: 20 Apr 2016 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.4	74.0		
227	64.5	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E





#35

Caprolactam

Concen: 42.08 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

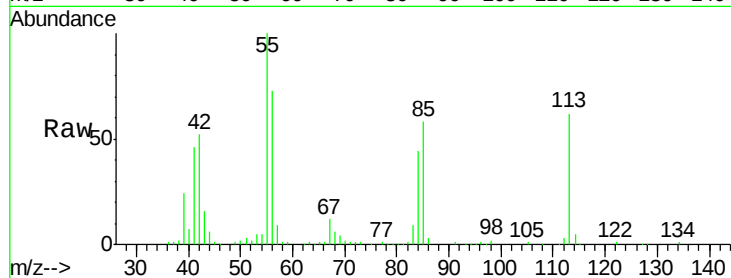
ClientSampleId :

PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	160.6	117.5	157.5#	
56	117.6	82.5	122.5	

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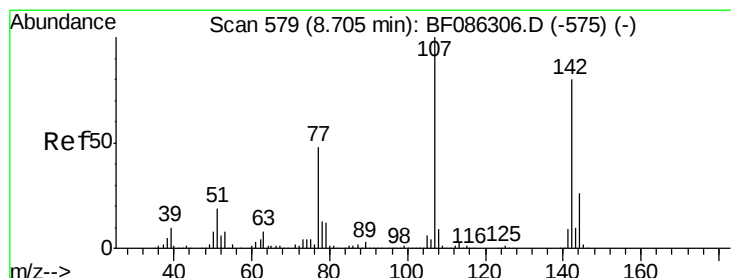
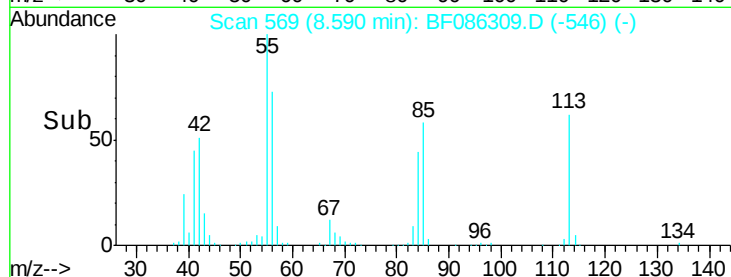
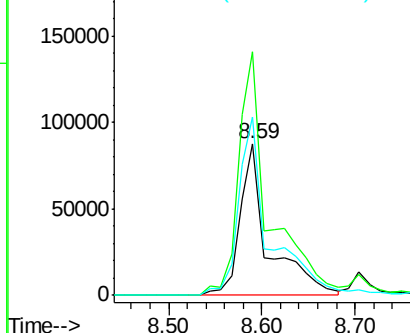
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.66 ng

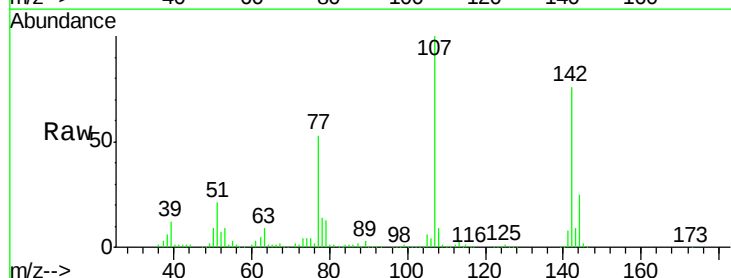
RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

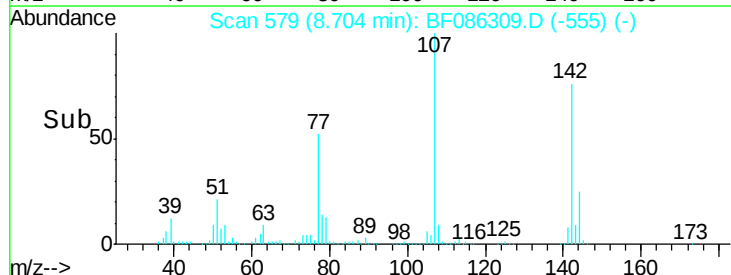
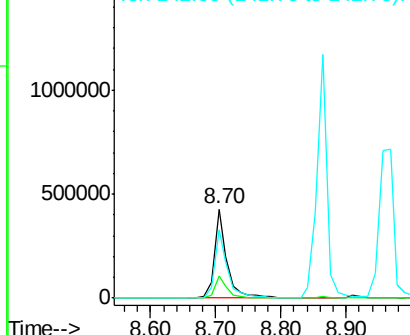
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.9	20.7	31.1	
142	76.2	64.5	96.7	

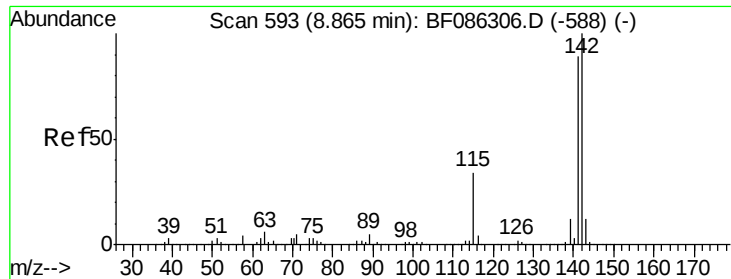


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





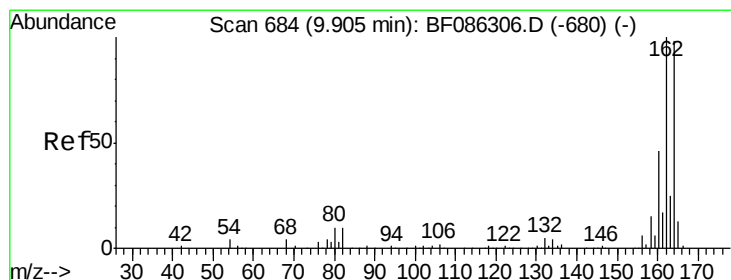
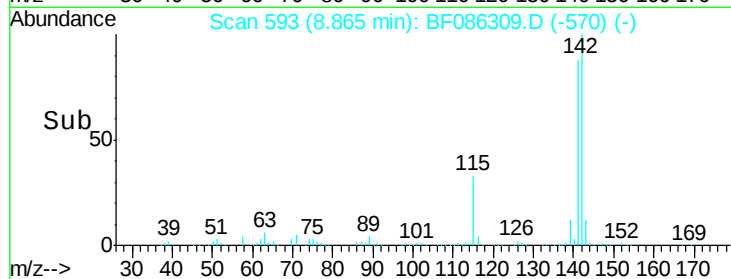
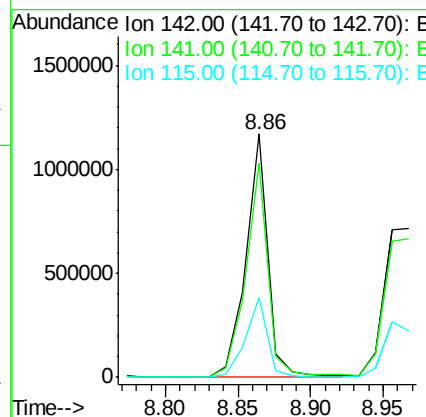
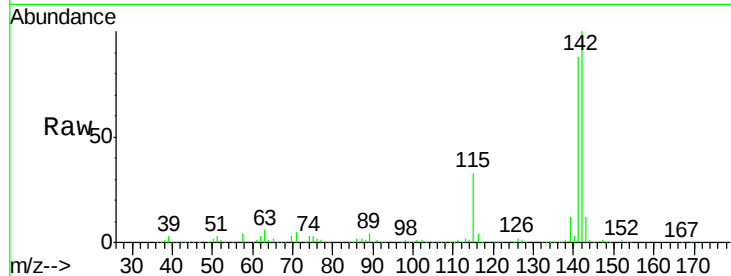
#37
2-Methylnaphthalene
Concen: 39.79 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	33.0	25.1	37.7

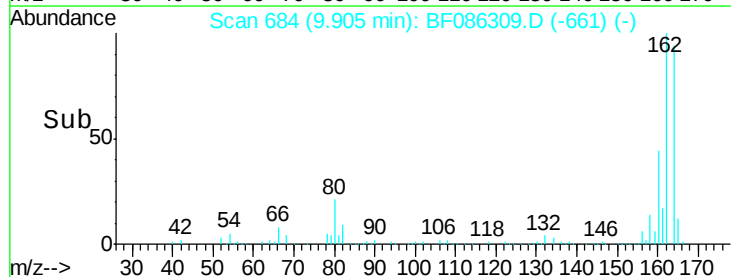
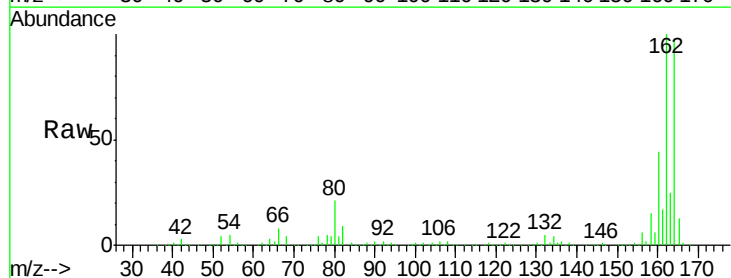
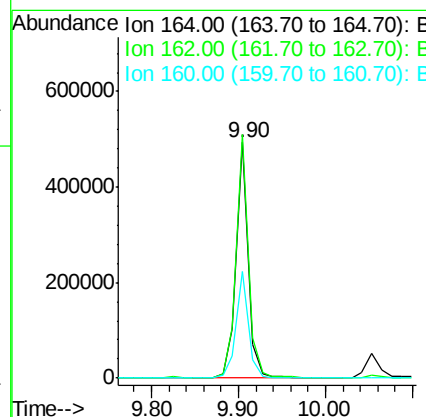
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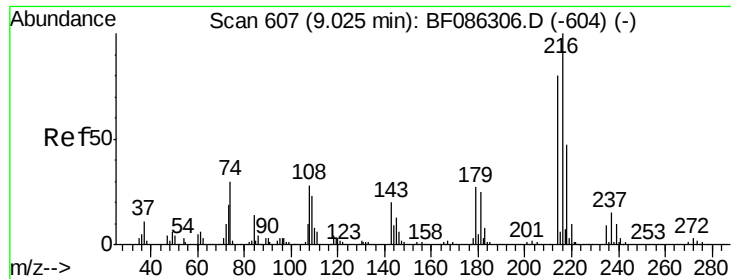
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	45.4	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.53 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

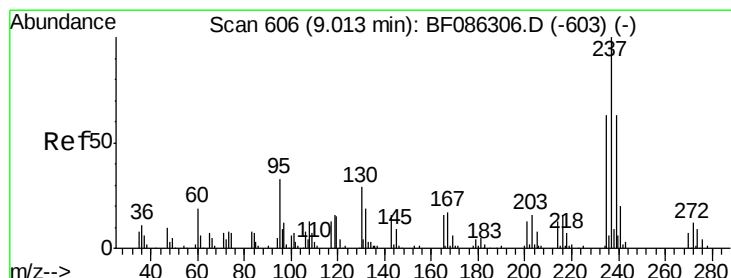
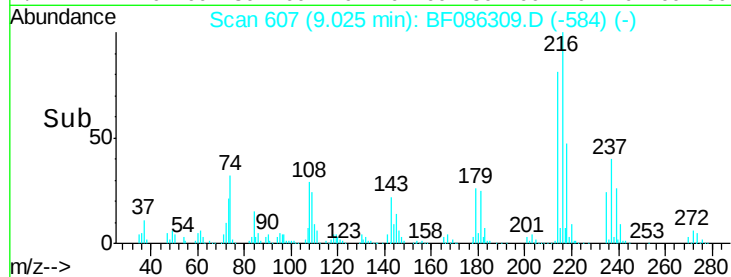
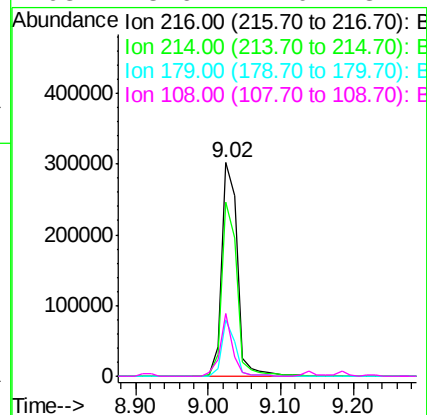
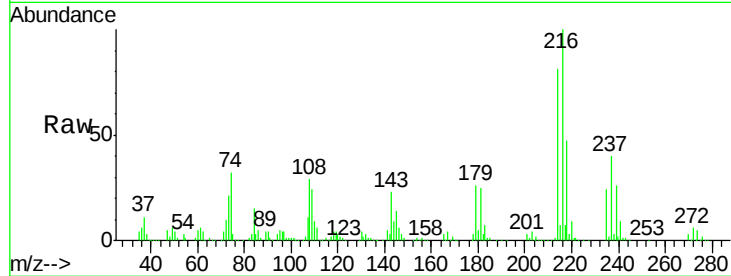
ClientSampleId :

PB89915BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		453616		
214	78.6		64.9	97.3	
179	23.0		19.8	29.6	
108	23.6		21.0	31.4	

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#40

Hexachlorocyclopentadiene

Concen: 87.12 ng

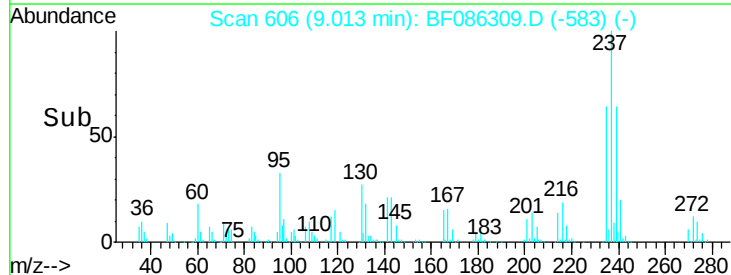
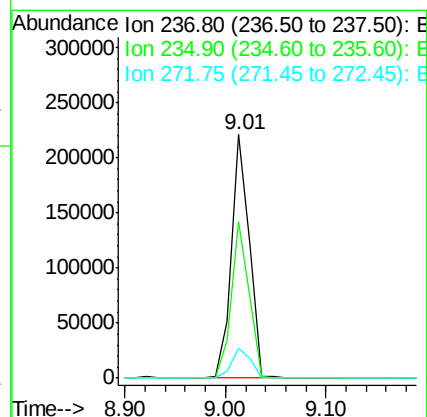
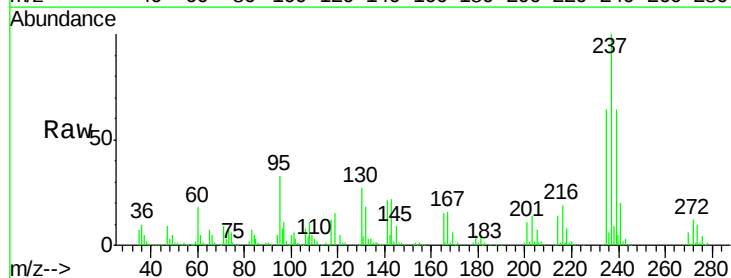
RT: 9.01 min Scan# 606

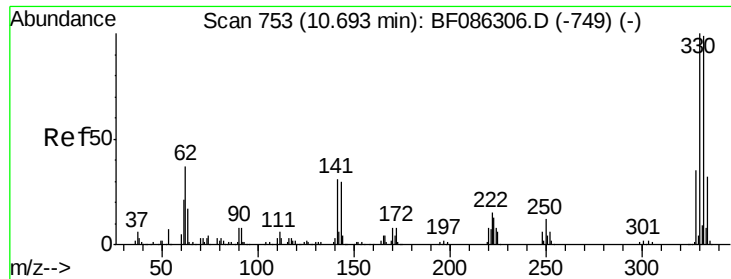
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		273688		
235	64.3		44.0	84.0	
272	12.2		0.0	32.4	





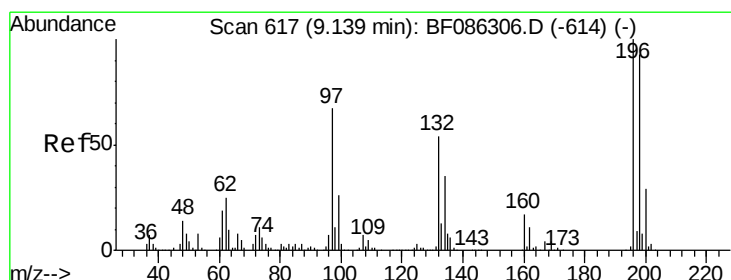
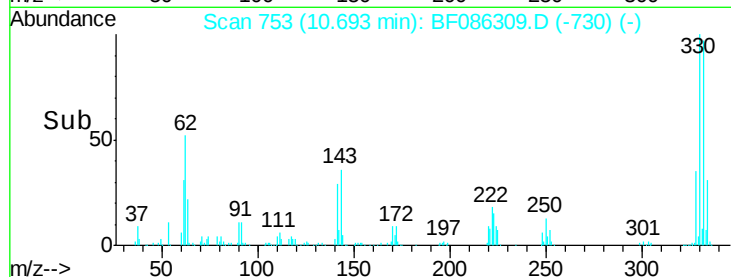
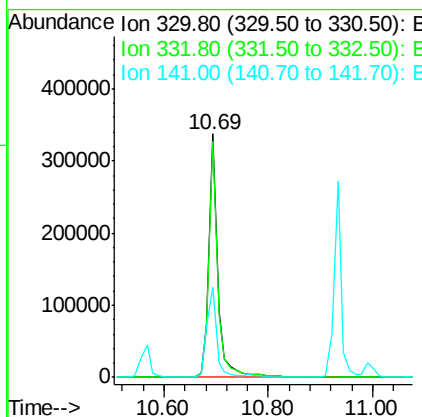
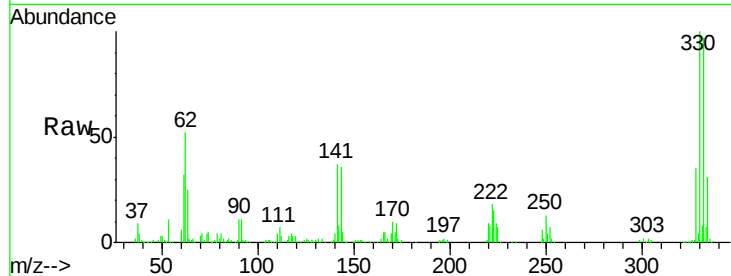
#41
 2,4,6-Tribromophenol
 Concen: 107.83 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	78.7	118.1	
141	40.7	28.6	42.8	

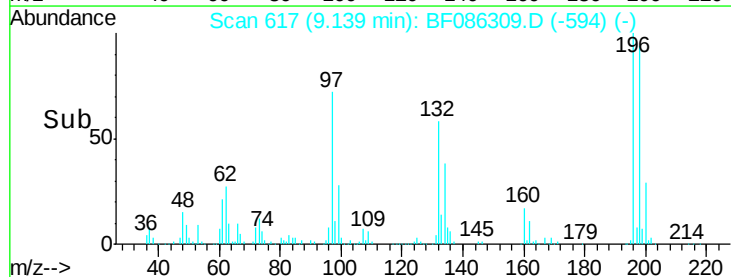
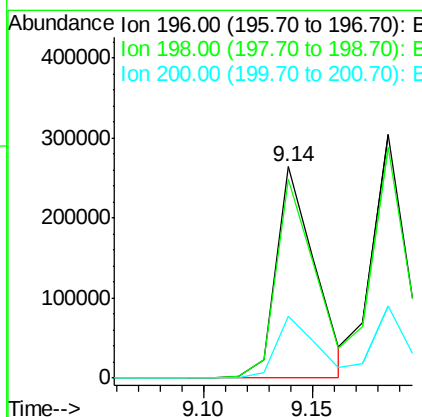
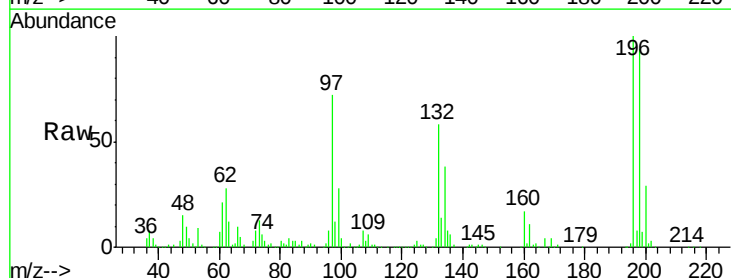
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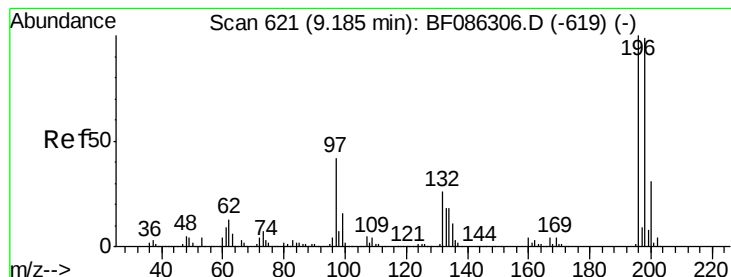
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#42
 2,4,6-Trichlorophenol
 Concen: 37.20 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	76.6	115.0	
200	29.5	25.3	37.9	





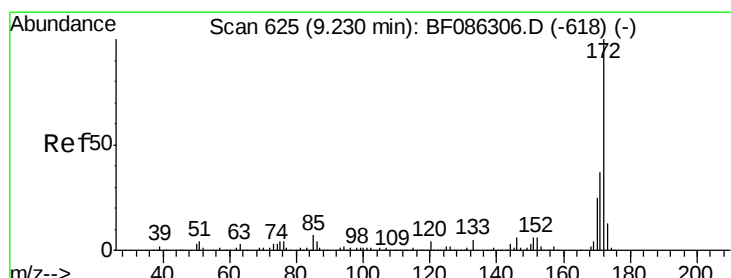
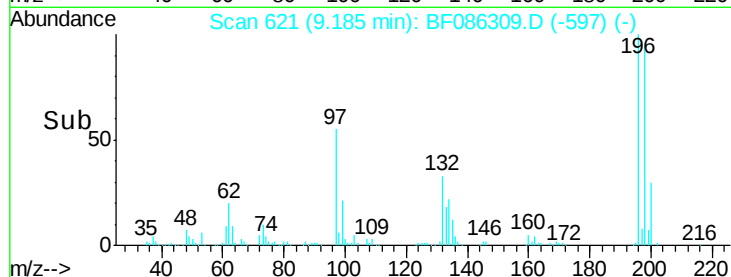
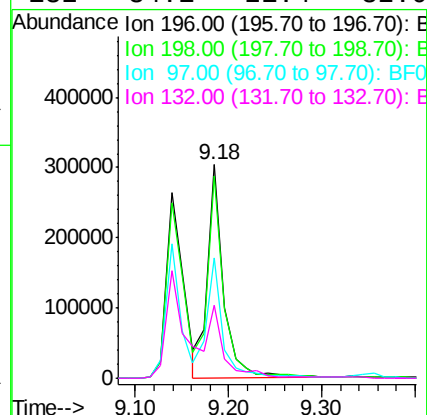
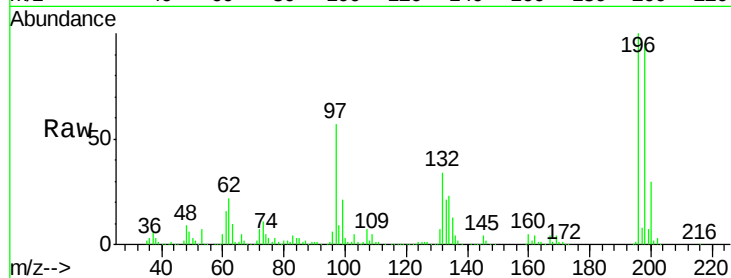
#43
 2,4,5-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		365456		
198	94.7	77.7	116.5		
97	56.5	32.6	48.8#		
132	34.1	21.4	32.0#		

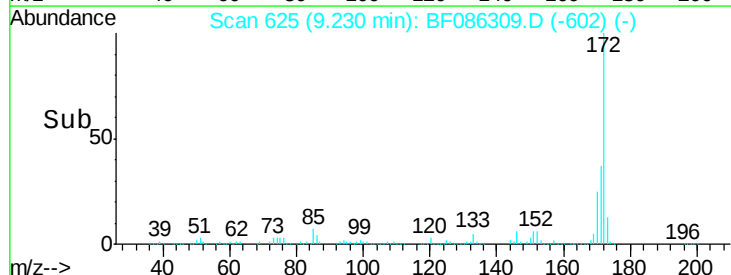
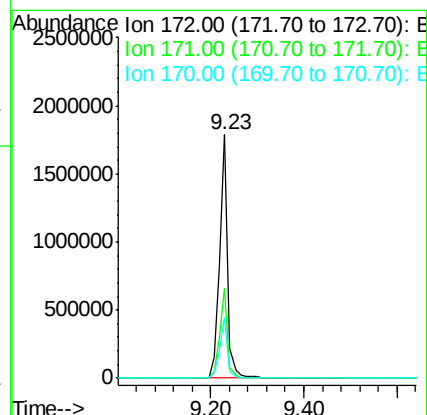
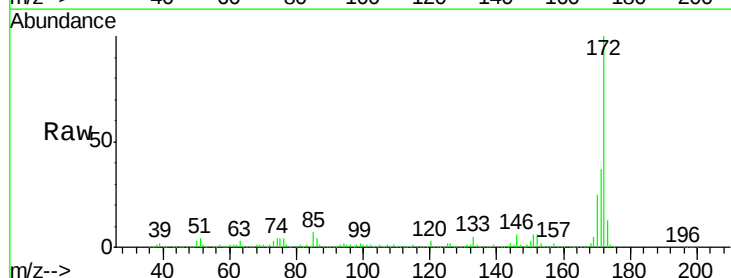
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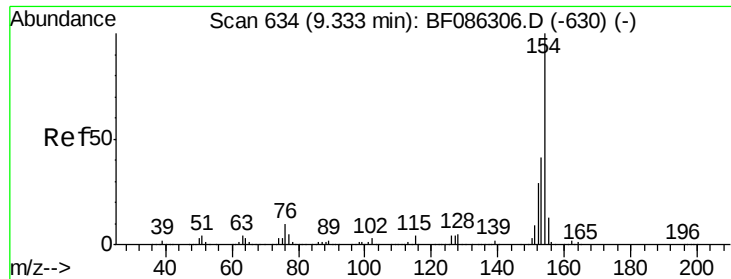
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#44
 2-Fluorobiphenyl
 Concen: 85.43 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2141149		
171	37.0	29.1	43.7		
170	25.0	19.9	29.9		





#45

1,1'-Biphenyl

Concen: 37.85 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampled :

PB89915BS

Tot Ion:154 Resp: 1425602

Ion Ratio Lower Upper

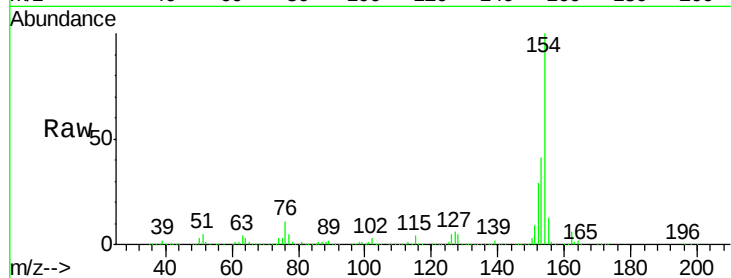
154 100

153 41.2 21.3 61.3

76 10.8 0.0 36.4

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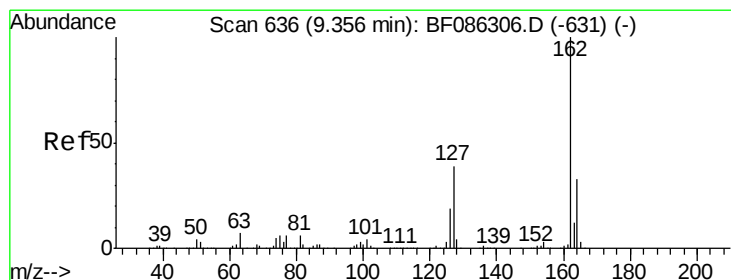
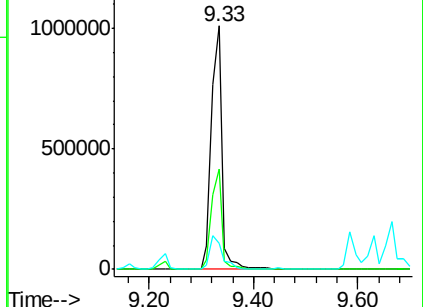
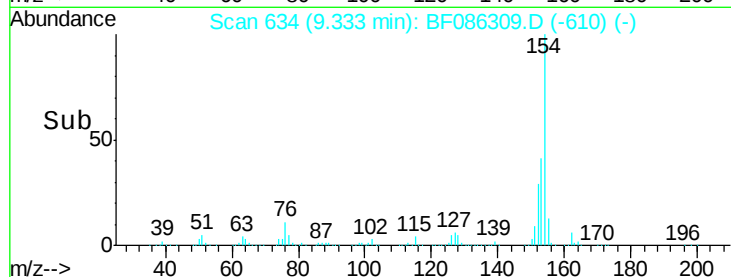
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.04 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

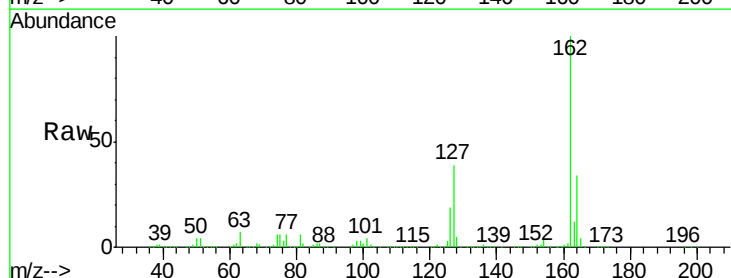
Tgt Ion:162 Resp: 1114335

Ion Ratio Lower Upper

162 100

127 39.0 36.7 55.1

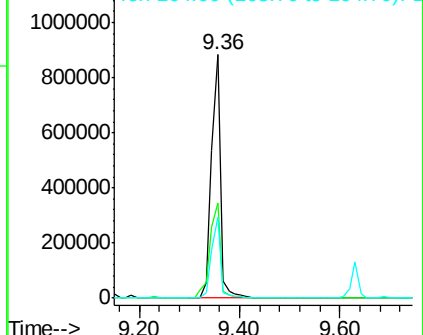
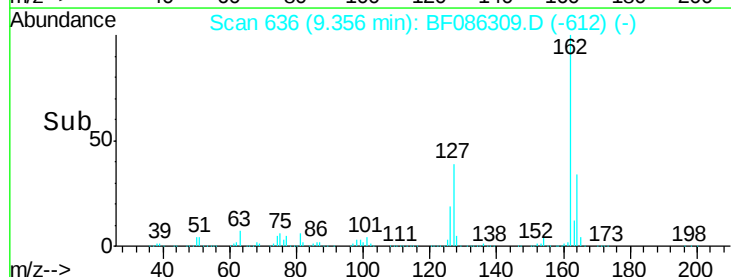
164 33.5 26.4 39.6

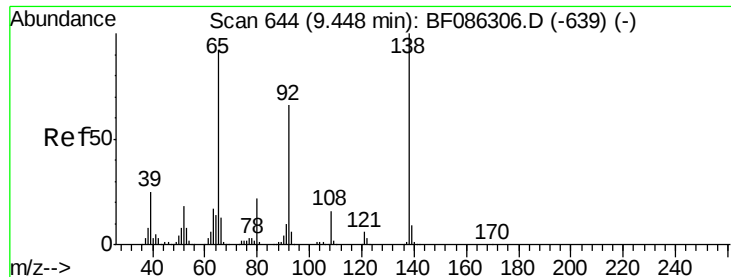


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.47 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

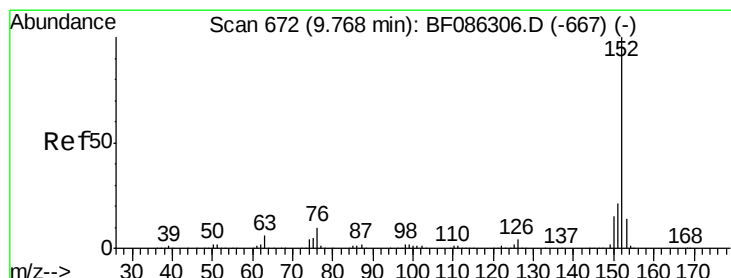
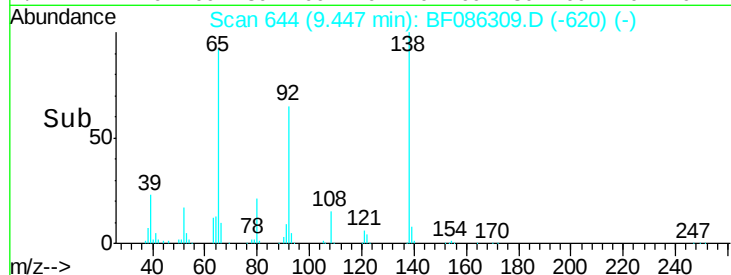
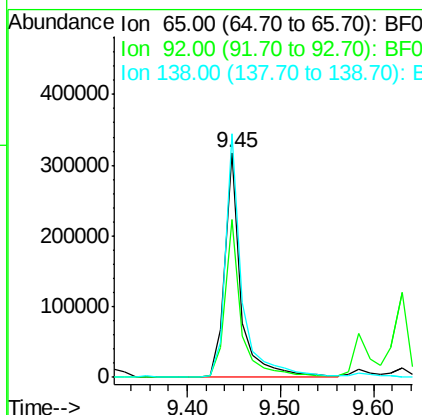
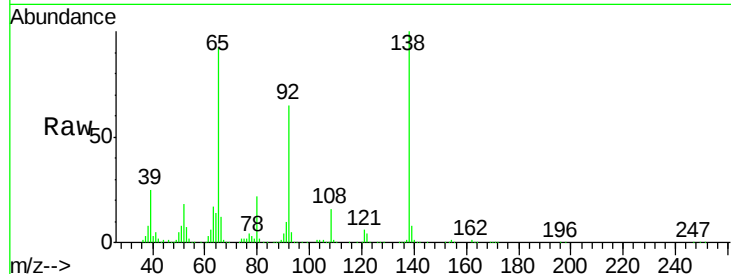
ClientSampleId :

PB89915BS

Tot Ion:	65	Resp:	382880
Ion Ratio	Lower	Upper	
65	100		
92	70.1	51.9	77.9
138	108.2	72.6	108.8

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#48

Acenaphthylene

Concen: 39.07 ng

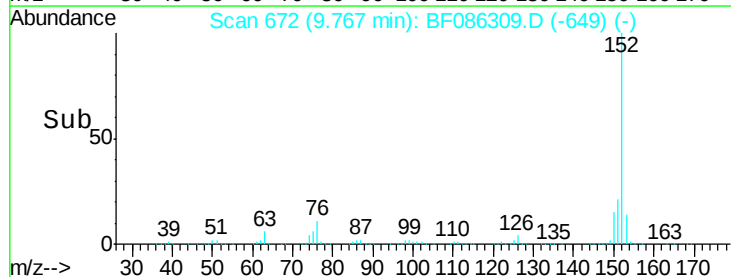
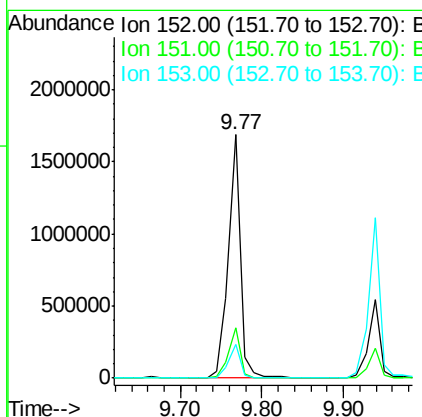
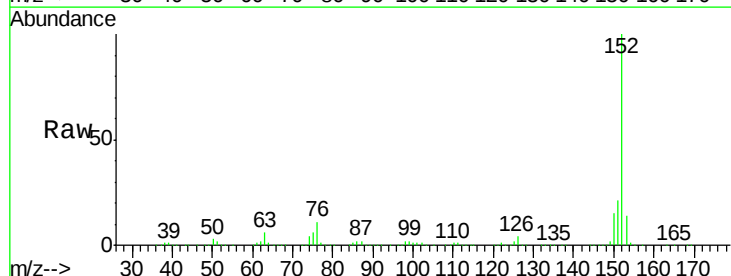
RT: 9.77 min Scan# 672

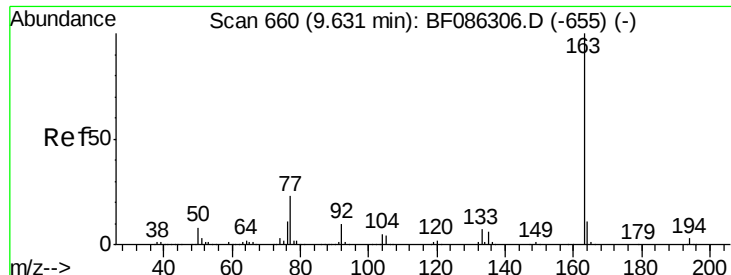
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	152	Resp:	1741550
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.2	25.8
153	13.7	10.7	16.1





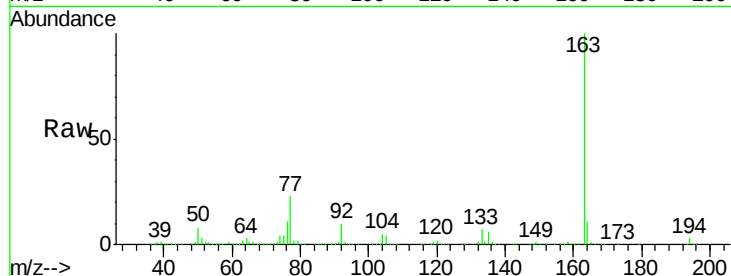
#49
Dimethylphthalate
Concen: 36.40 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

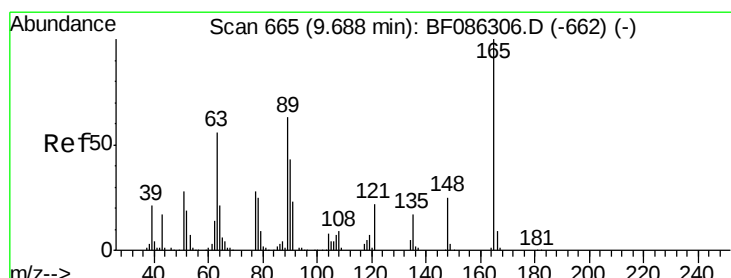
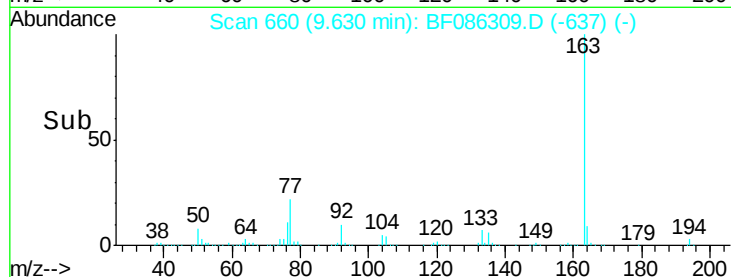
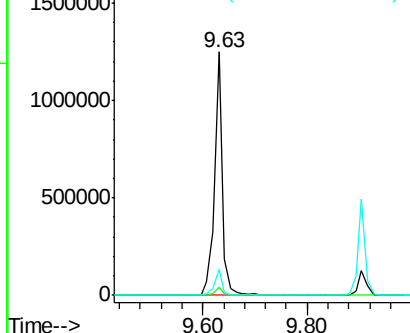
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.6	8.4	12.6

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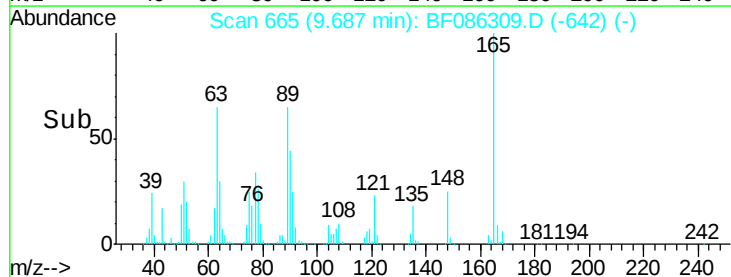
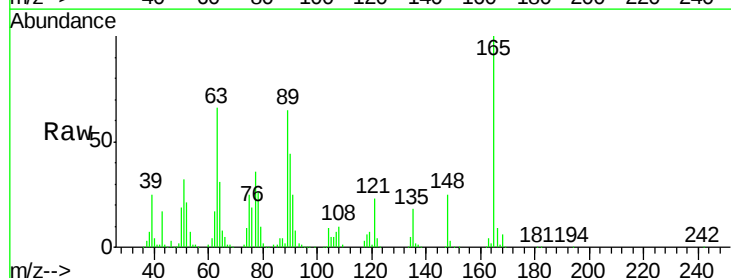
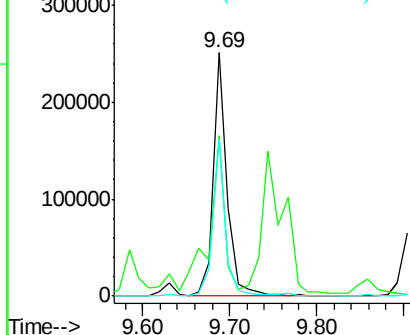
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

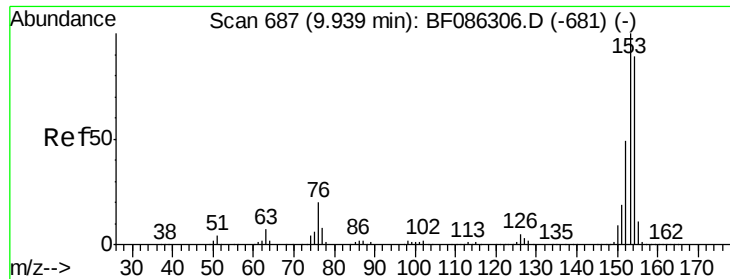


#50
2,6-Dinitrotoluene
Concen: 37.29 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	35.1	52.7#
89	64.5	39.8	59.6#

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





#51

Acenaphthene

Concen: 41.71 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tot Ion:154 Resp: 1090718

Ion Ratio Lower Upper

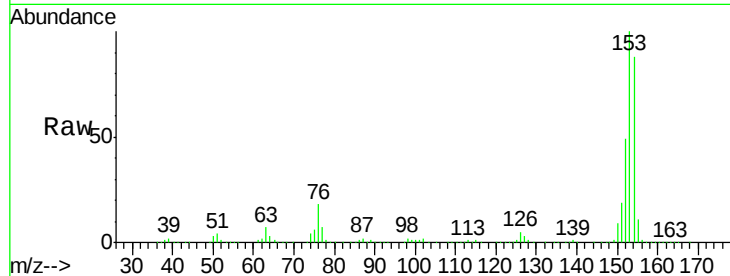
154 100

153 113.9 90.0 135.0

152 55.7 44.3 66.5

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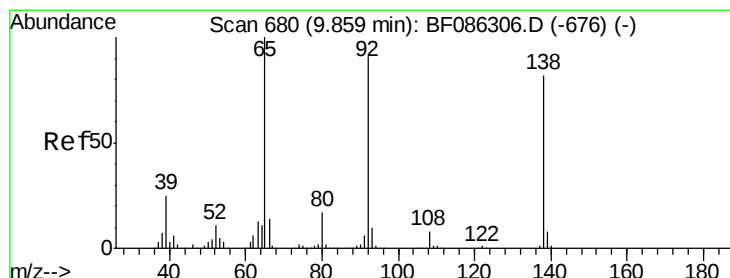
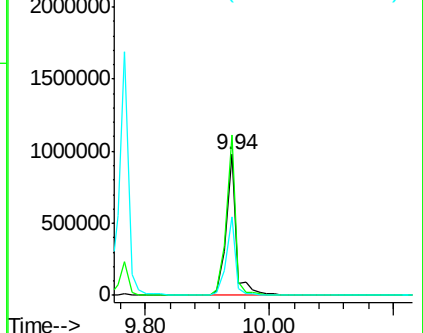
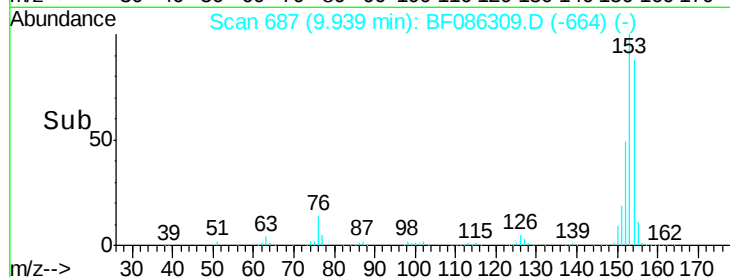
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.52 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

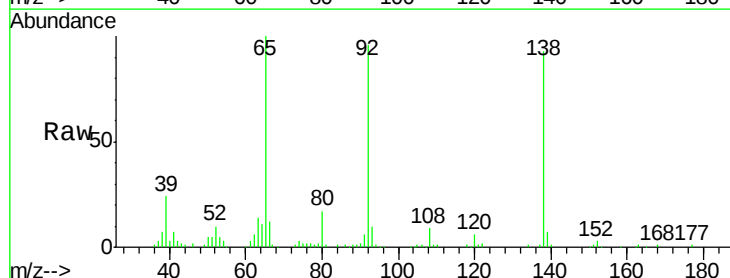
Tgt Ion:138 Resp: 157822

Ion Ratio Lower Upper

138 100

108 9.7 9.0 13.4

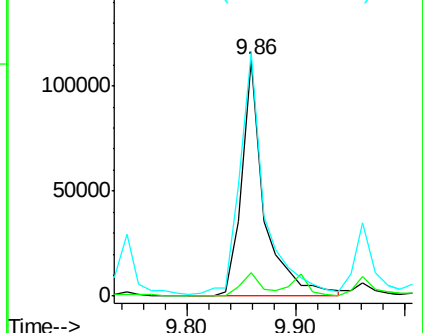
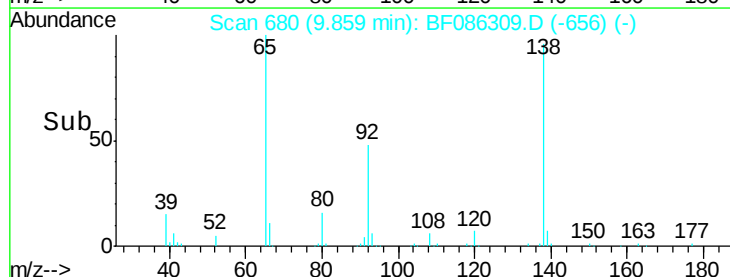
92 103.1 99.3 148.9

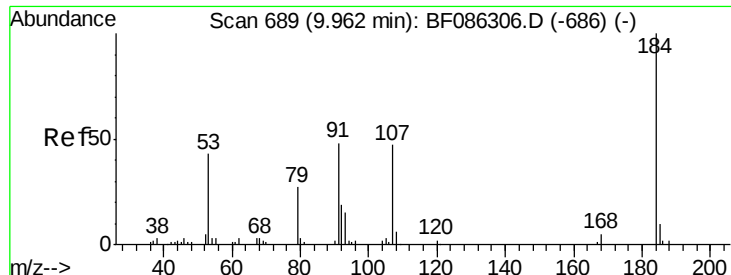


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





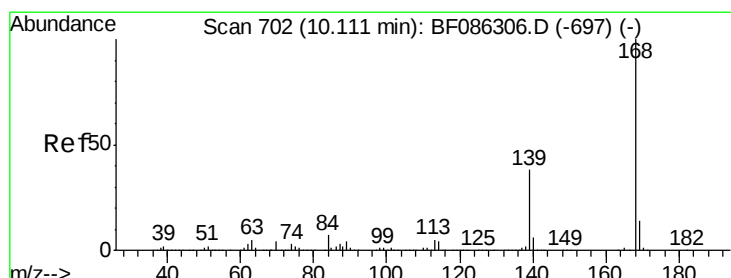
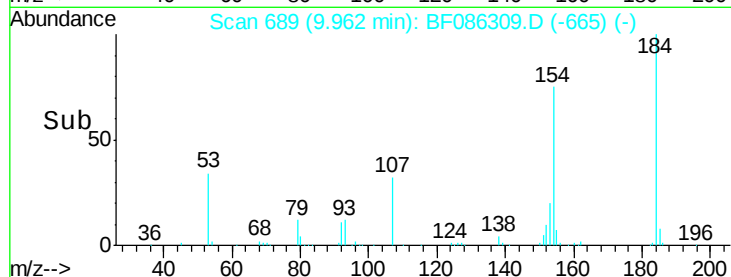
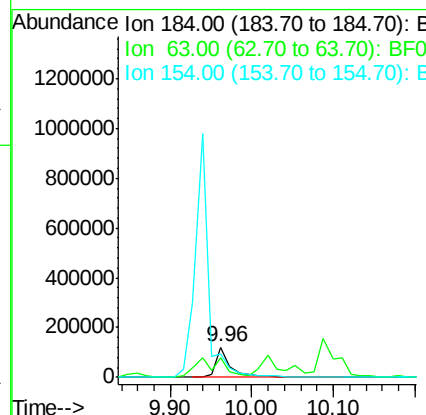
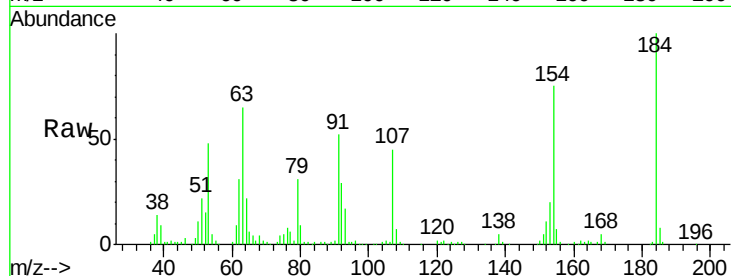
#53
2,4-Dinitrophenol
Concen: 99.23 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	158384		
63	64.8	64.7	97.1	
154	75.0	59.4	89.2	

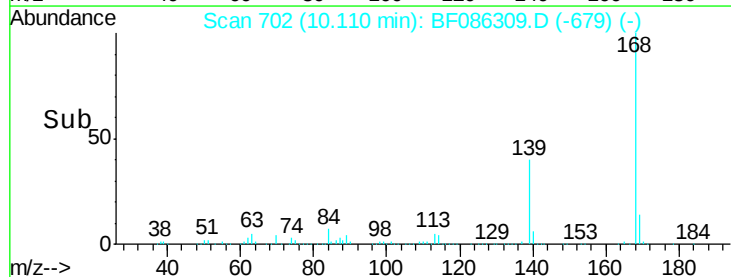
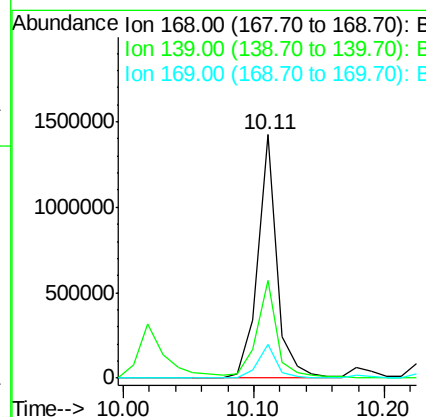
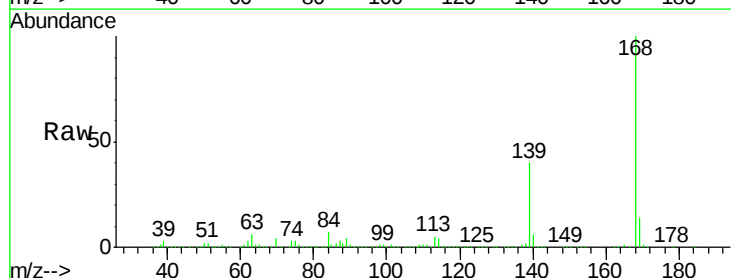
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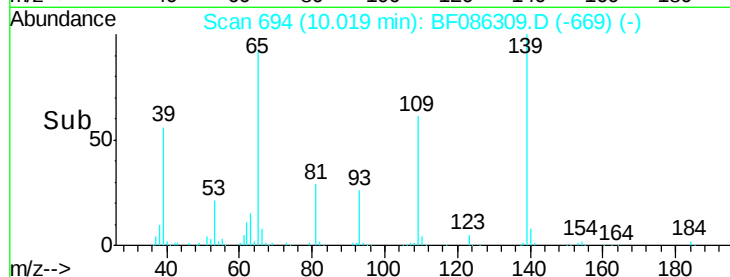
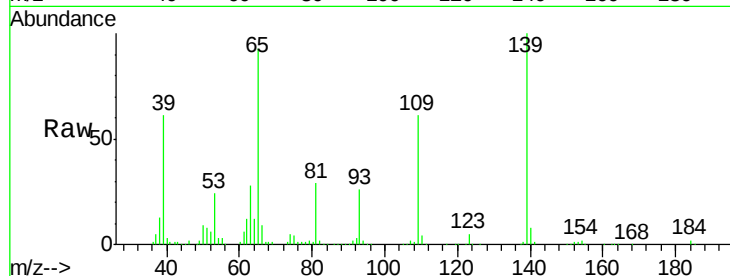
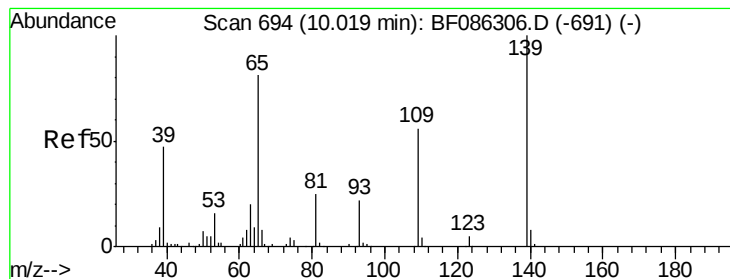
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#54
Dibenzofuran
Concen: 41.57 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1477798		
139	40.1	29.5	44.3	
169	13.9	10.6	16.0	





#55

4-Nitrophenol

Concen: 77.07 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tot Ion:	139	Resp:	456661
Ion Ratio	Lower	Upper	
139	100		
109	61.0	55.0	95.0
65	93.2	87.3	127.3

Instrument :

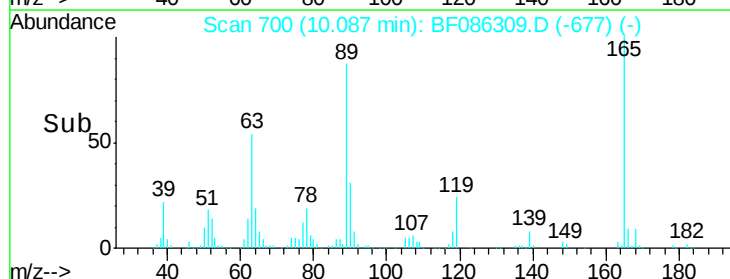
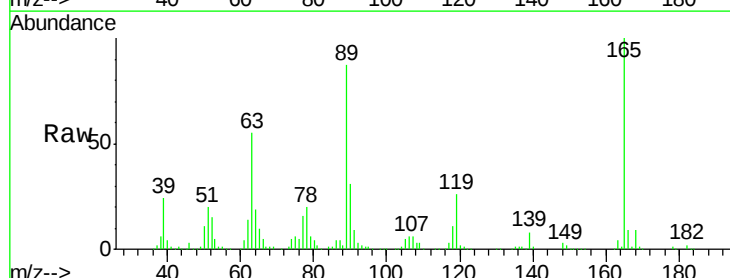
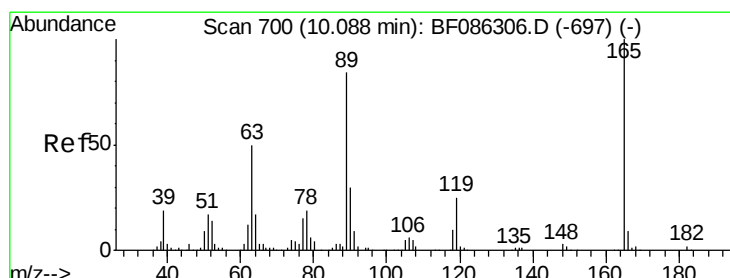
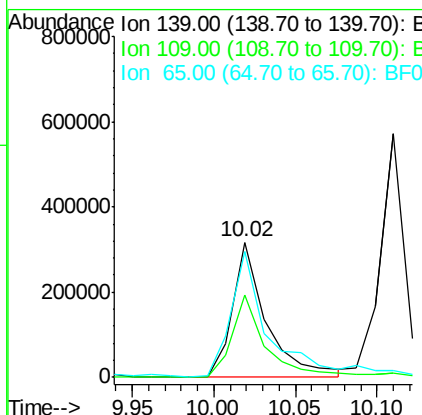
BNA_F

ClientSampleId :

PB89915BS

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#56

2,4-Dinitrotoluene

Concen: 38.22 ng

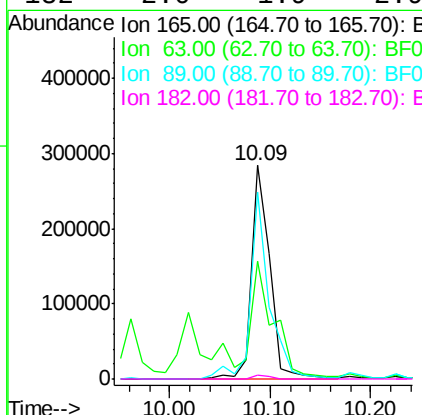
RT: 10.09 min Scan# 700

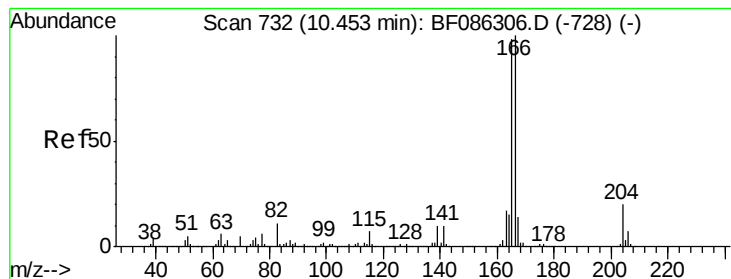
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	165	Resp:	356935
Ion Ratio	Lower	Upper	
165	100		
63	55.2	26.6	40.0#
89	87.3	49.5	74.3#
182	2.0	1.9	2.9





#57

Fluorene

Concen: 40.09 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampled :

PB89915BS

Tot Ion:166 Resp: 1056207

Ion Ratio Lower Upper

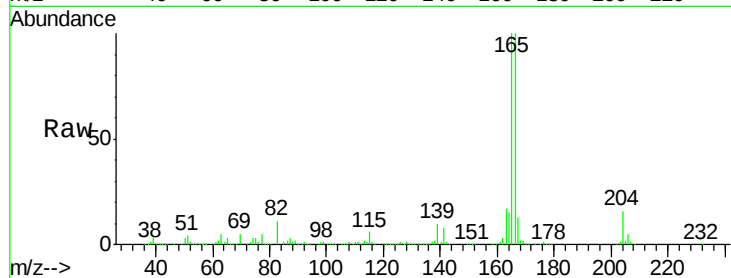
166 100

165 99.7 78.6 117.8

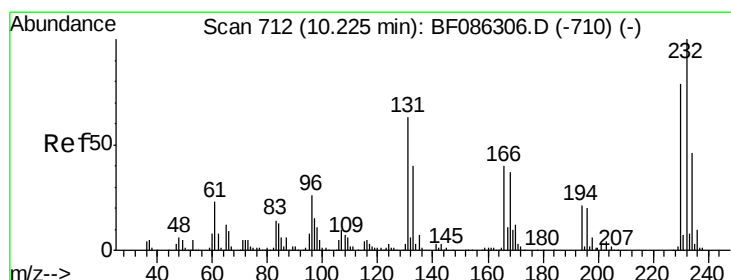
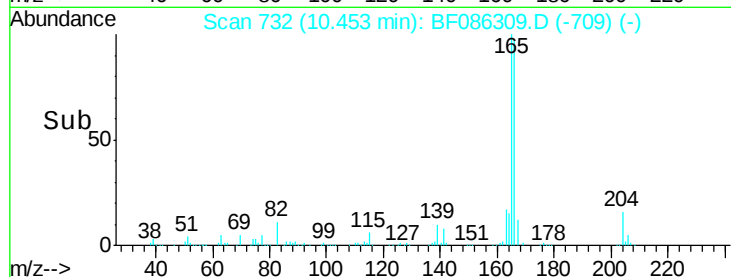
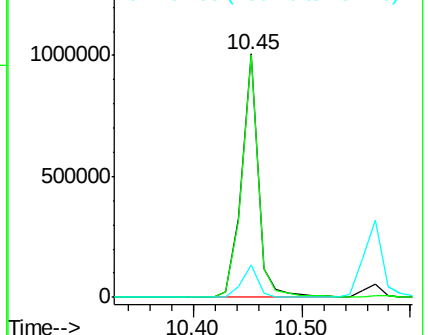
167 13.4 10.4 15.6

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.96 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:232 Resp: 265111

Ion Ratio Lower Upper

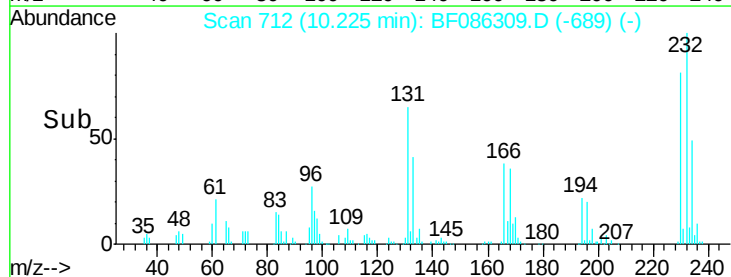
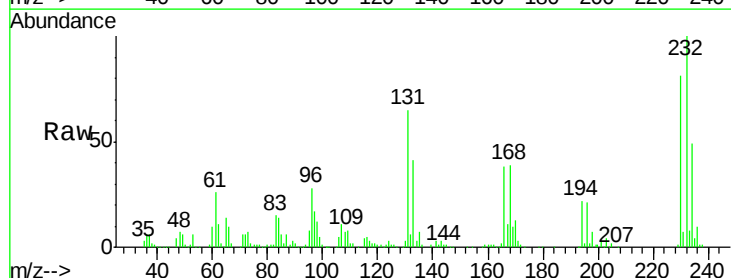
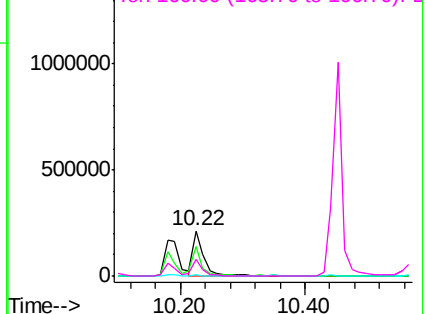
232 100

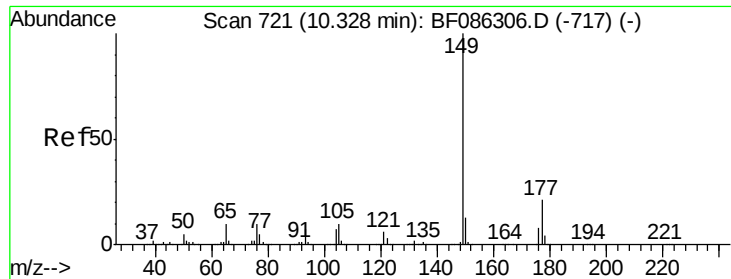
131 59.5 46.6 70.0

130 2.7 2.5 3.7

166 36.1 28.3 42.5

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





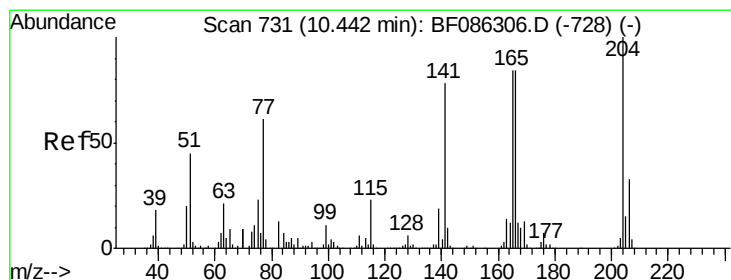
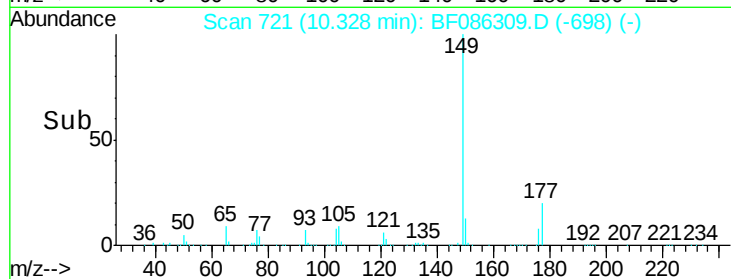
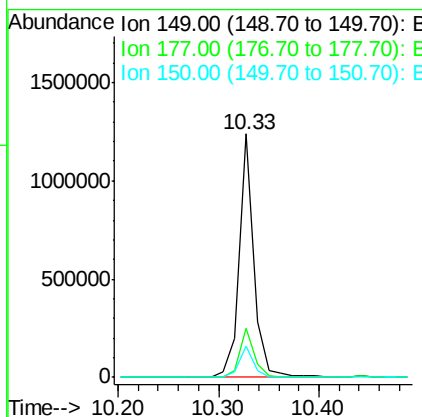
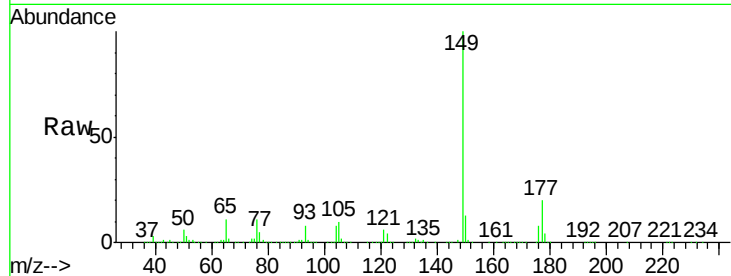
#59
Diethylphthalate
Concen: 35.22 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	17.0	25.6
150	12.9	10.2	15.4

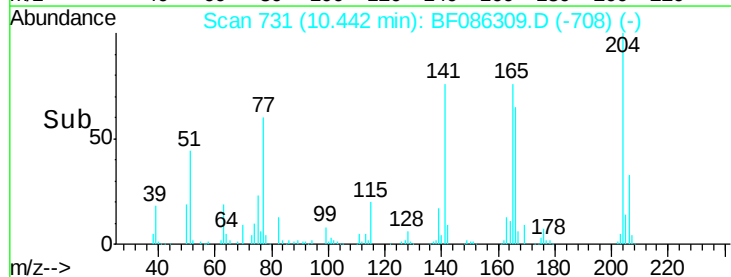
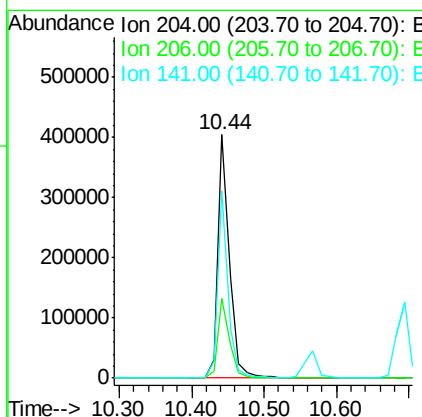
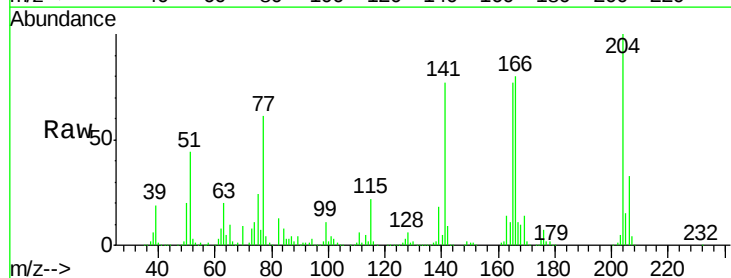
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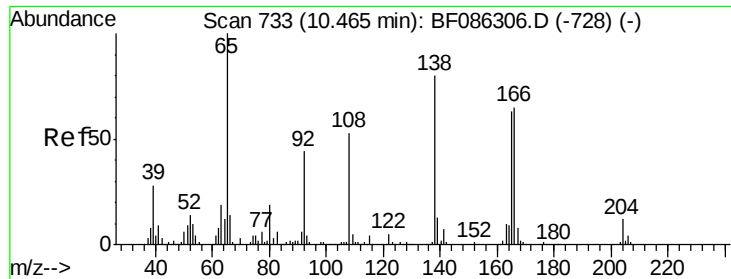
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#60
4-Chlorophenyl-phenylether
Concen: 36.33 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	76.9	55.4	83.0





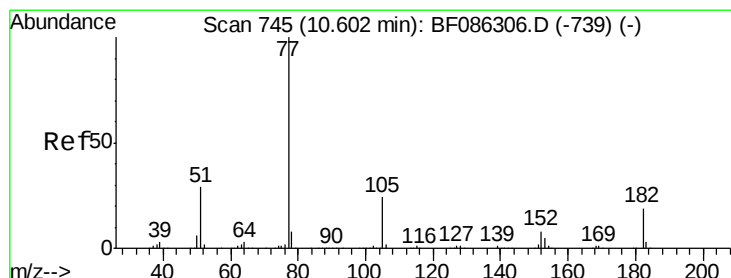
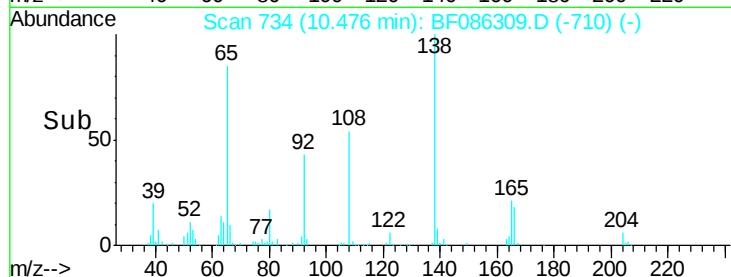
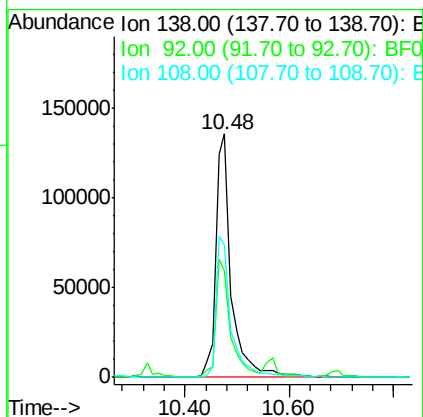
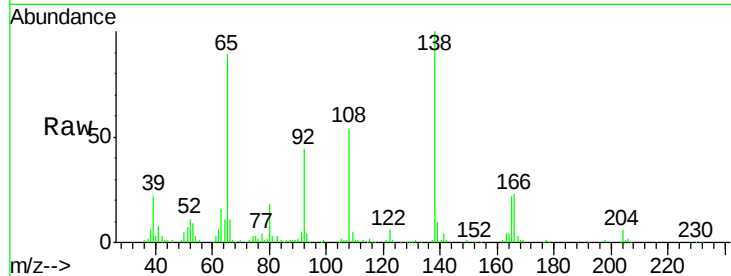
#61
4-Nitroaniline
Concen: 31.38 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	280709		
92	43.6		31.9	71.9
108	54.4		58.7	98.7#

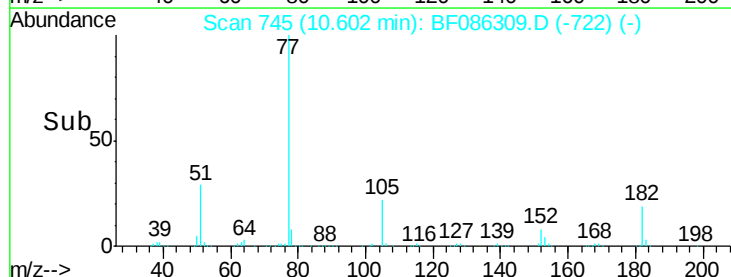
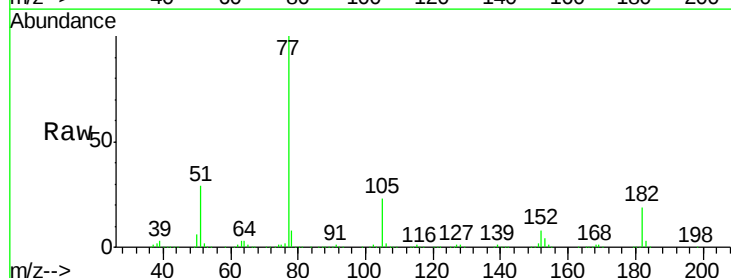
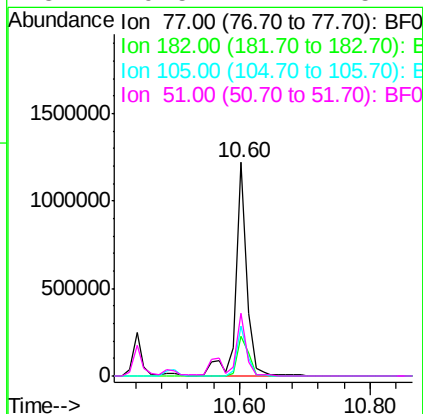
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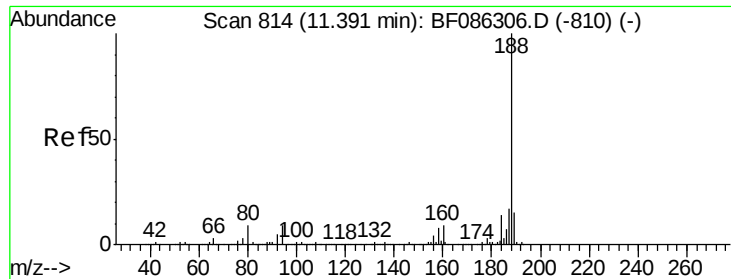
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#62
Azobenzene
Concen: 39.51 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1387717		
182	18.5		2.3	42.3
105	23.3		3.4	43.4
51	29.5		11.7	51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

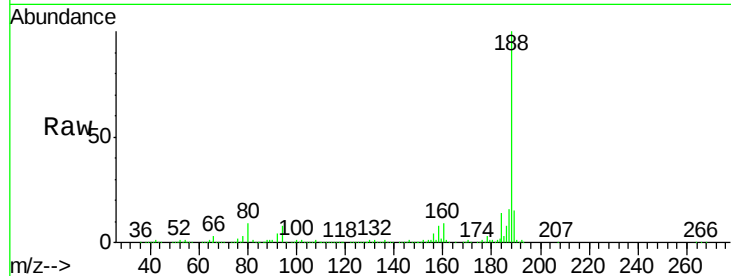
ClientSampleId :

PB89915BS

Tot Ion:188	Resp:	776074
Ion Ratio	Lower	Upper
188 100		
94 8.5	9.8	14.8#
80 8.7	10.5	15.7#

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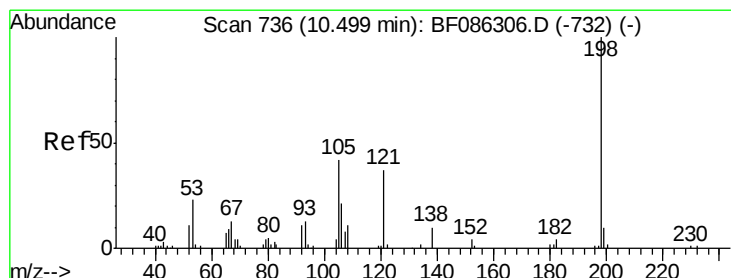
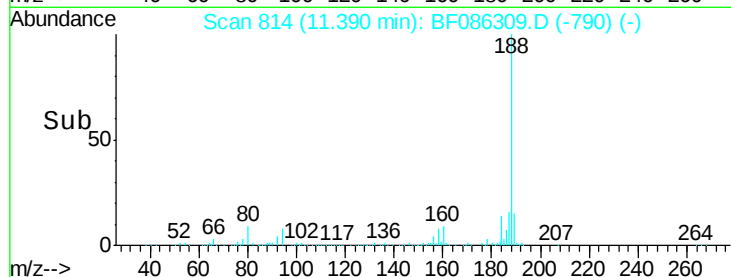
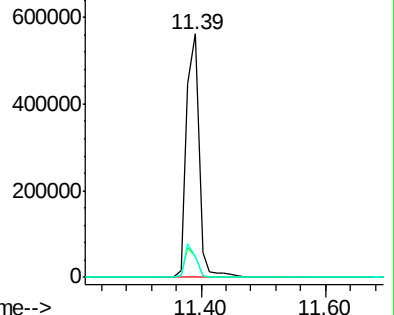
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.15 ng

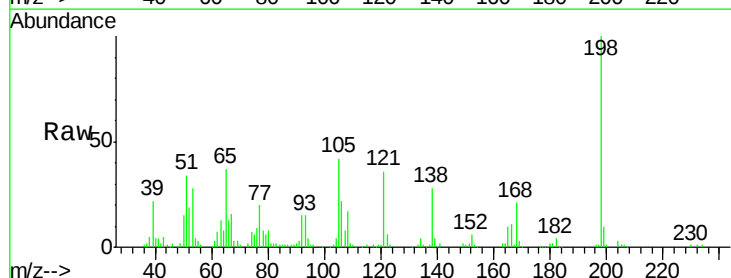
RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

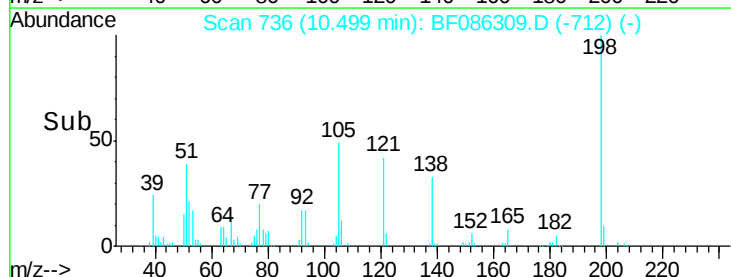
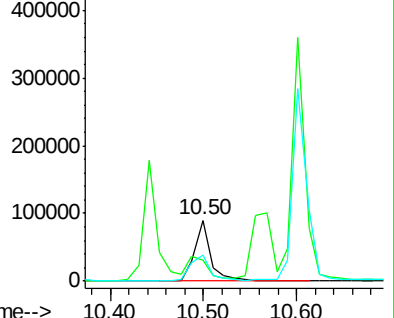
Tgt Ion:198	Resp:	109187
Ion Ratio	Lower	Upper
198 100		
51 34.1	56.5	96.5#
105 42.0	48.0	88.0#

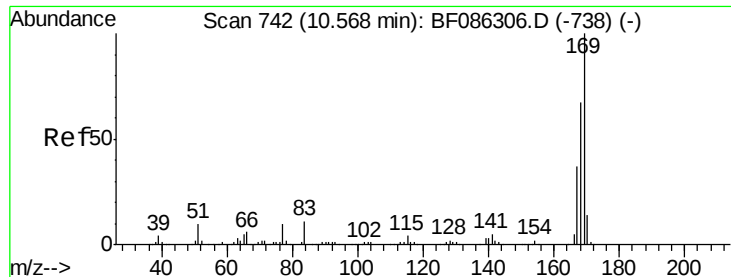


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.19 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tot Ion:169 Resp: 1027583

Ion Ratio Lower Upper

169 100

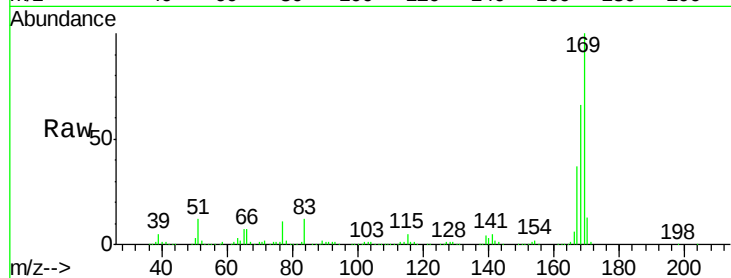
168 65.9 54.3 81.5

167 36.9 30.2 45.2

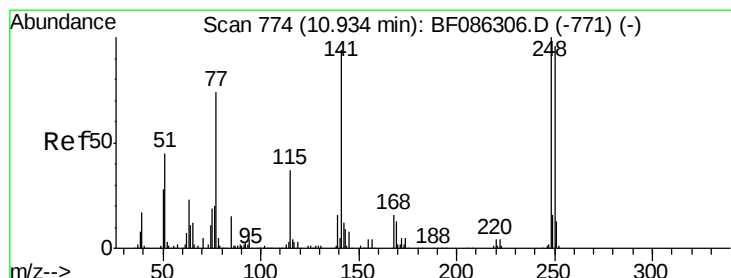
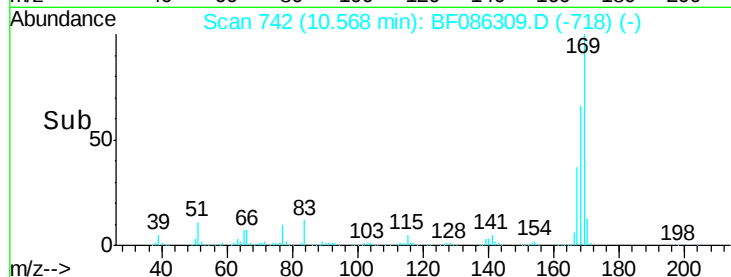
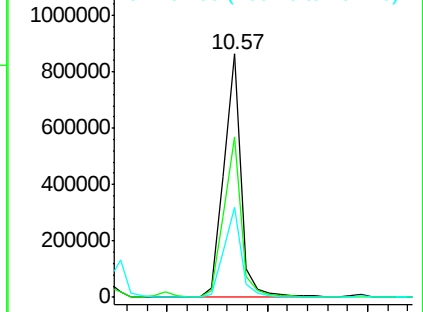
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.01 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

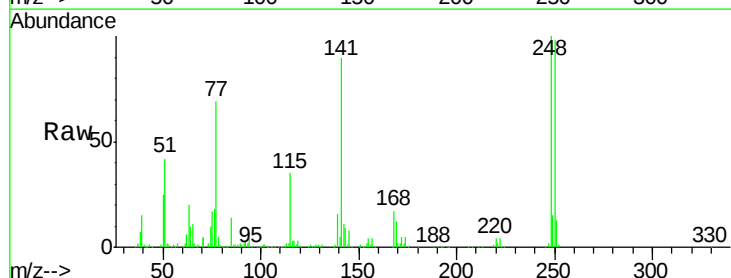
Tgt Ion:248 Resp: 300269

Ion Ratio Lower Upper

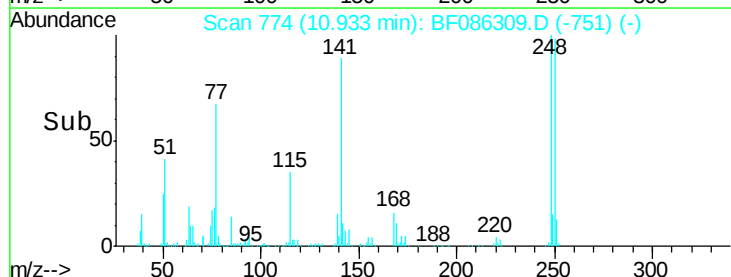
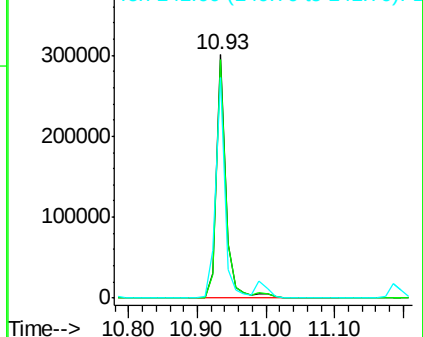
248 100

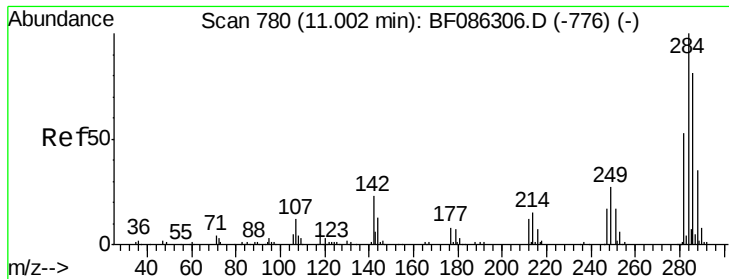
250 98.0 78.6 118.0

141 90.4 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.14 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

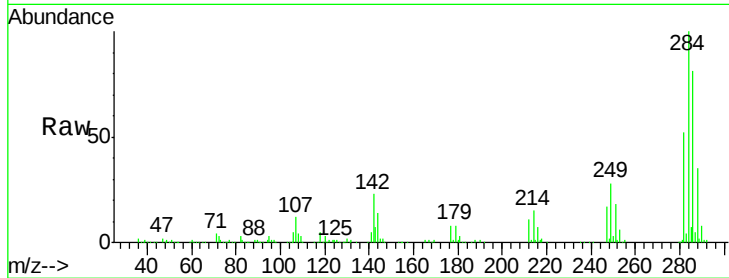
ClientSampleId :

PB89915BS

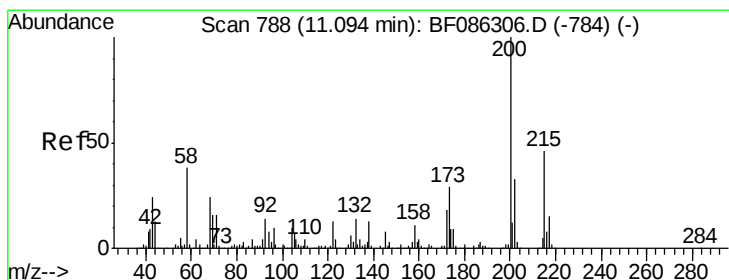
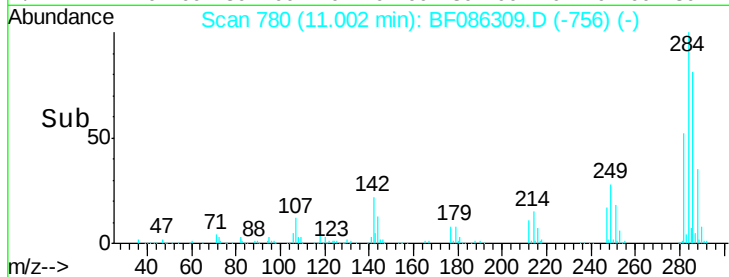
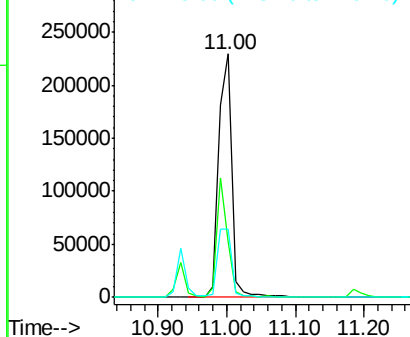
Tot Ion:	284	Resp:	310868
Ion Ratio	Lower	Upper	
284	100		
142	22.9	42.6	64.0#
249	28.0	25.9	38.9

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.82 ng

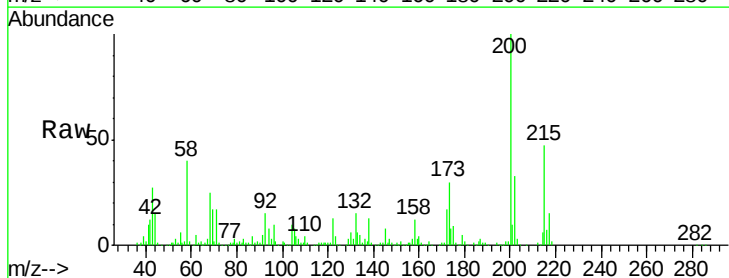
RT: 11.09 min Scan# 788

Delta R.T. -0.02 min

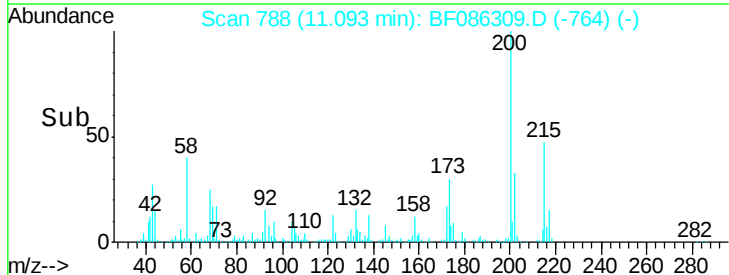
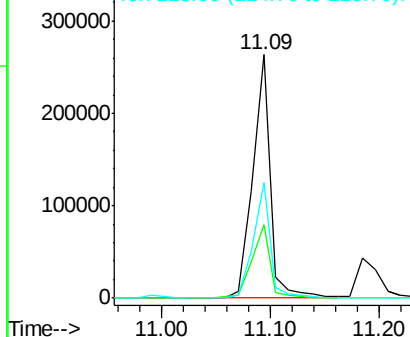
Lab File: BF086309.D

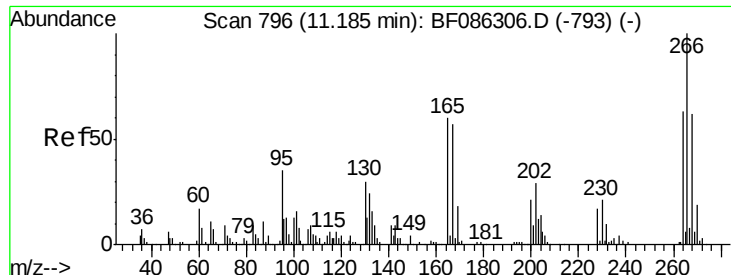
Acq: 20 Apr 2016 15:24

Tgt Ion:	200	Resp:	297184
Ion Ratio	Lower	Upper	
200	100		
173	30.0	11.2	51.2
215	47.3	24.0	64.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





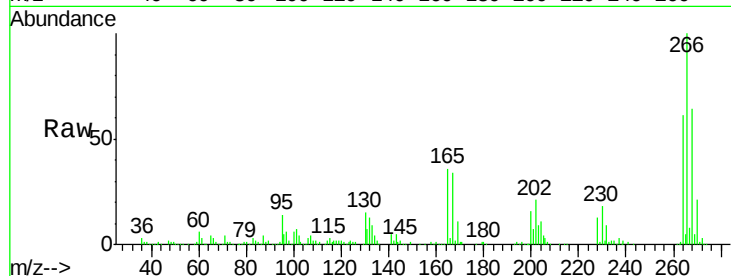
#69
 Pentachlorophenol
 Concen: 74.02 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

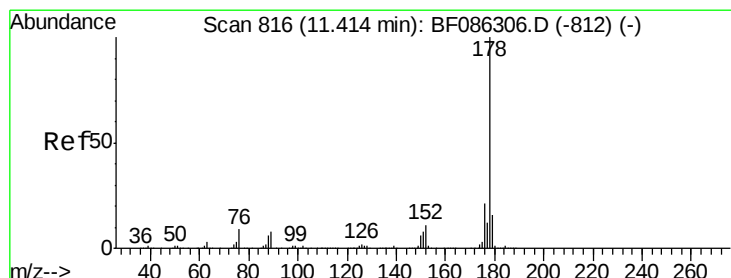
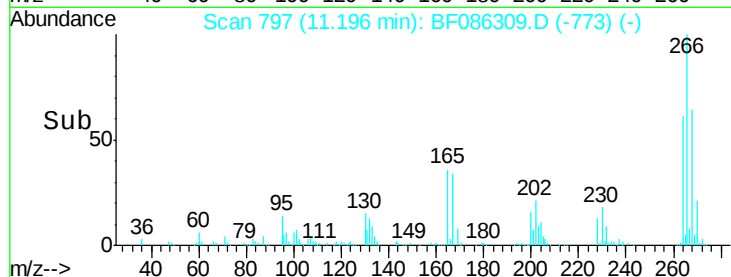
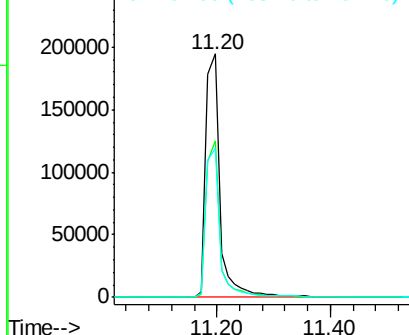
Tot Ion	Ratio	Resp	Lower	Upper
266	100	324505		
268	64.2	53.0	79.4	
264	61.4	51.3	76.9	

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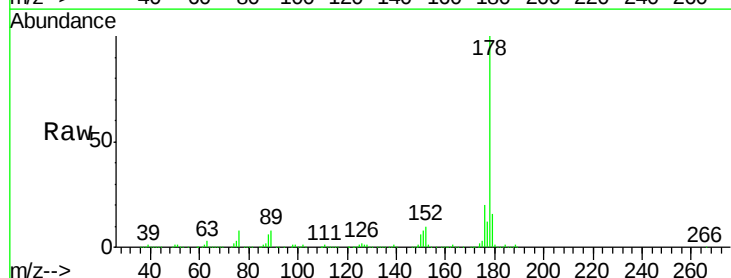


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

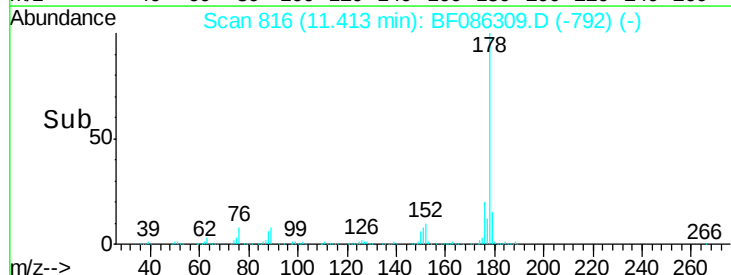
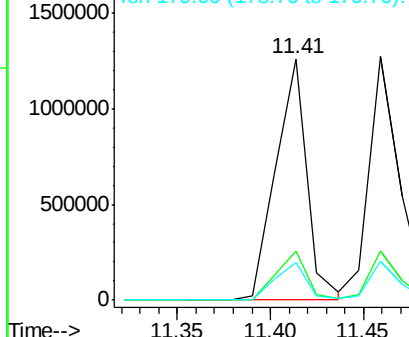


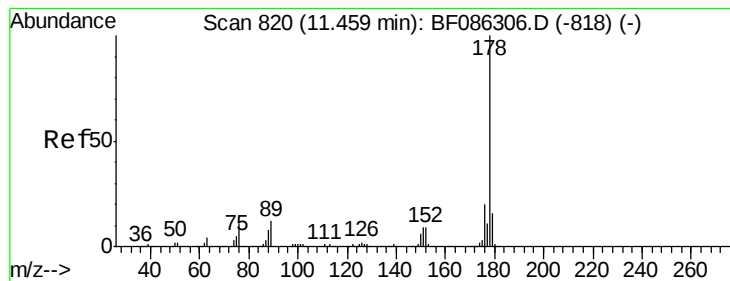
#70
 Phenanthrene
 Concen: 39.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1462574		
176	20.1	16.3	24.5	
179	15.5	13.0	19.6	



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





#71

Anthracene

Concen: 38.03 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tot Ion:178 Resp: 1497640

Ion Ratio Lower Upper

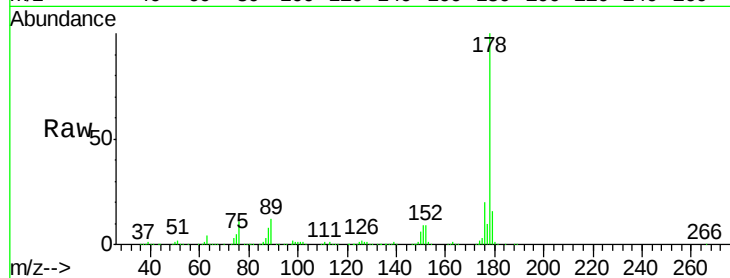
178 100

176 20.0 16.2 24.4

179 16.0 13.2 19.8

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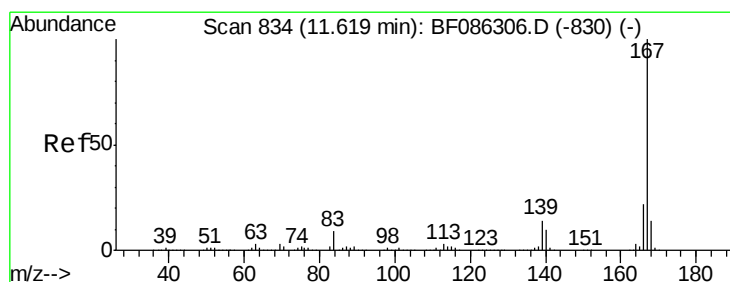
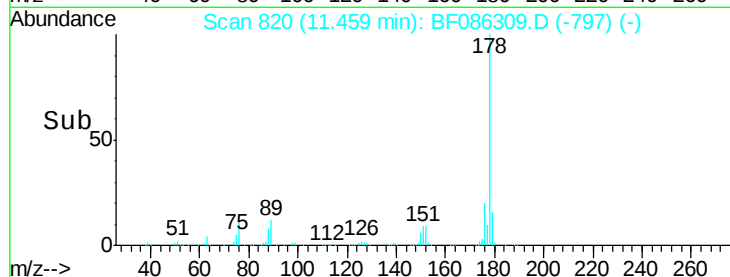
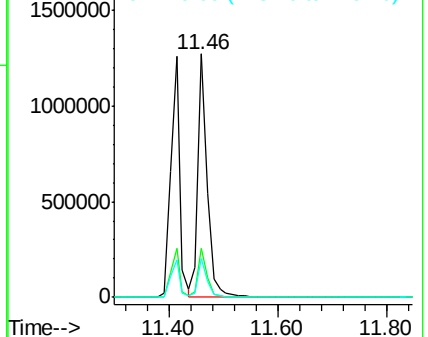
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.19 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

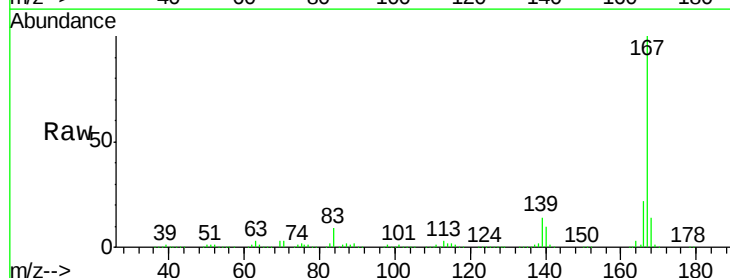
Tgt Ion:167 Resp: 1460671

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

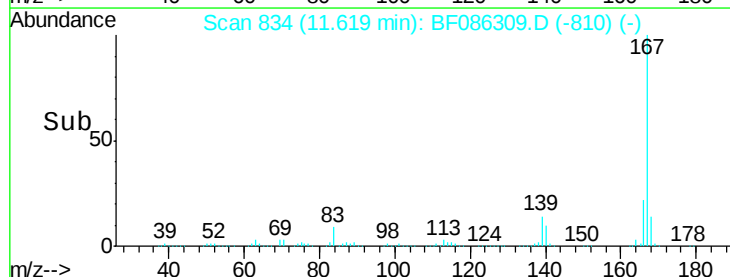
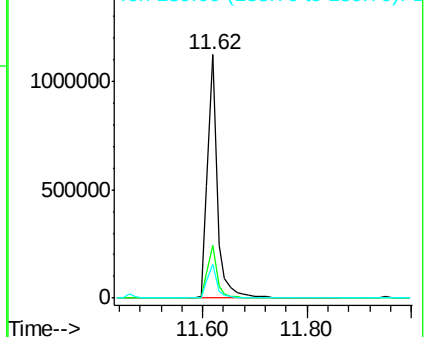
139 13.7 12.3 18.5

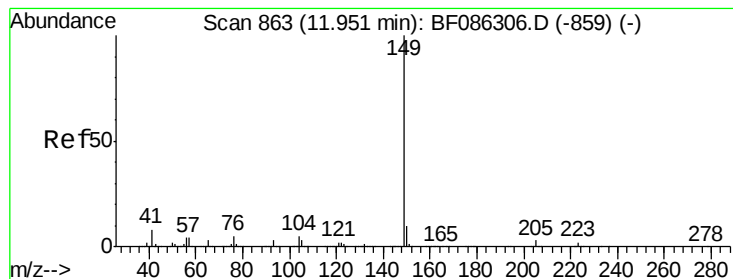


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





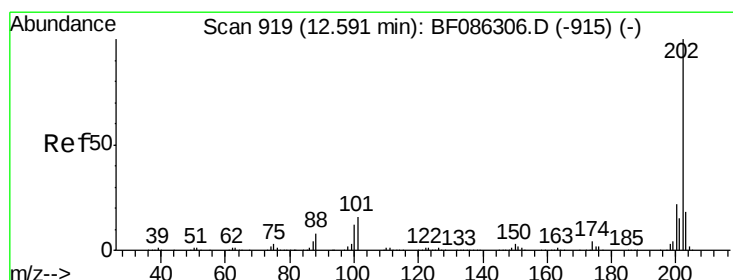
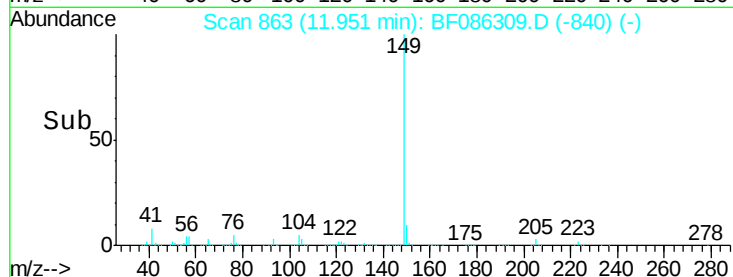
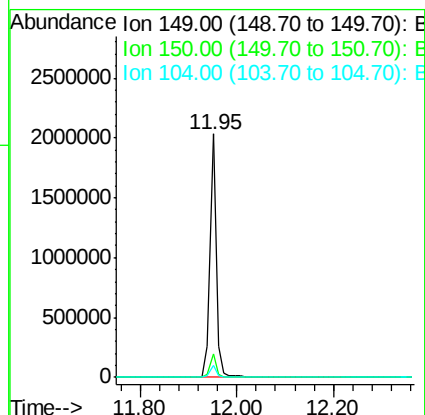
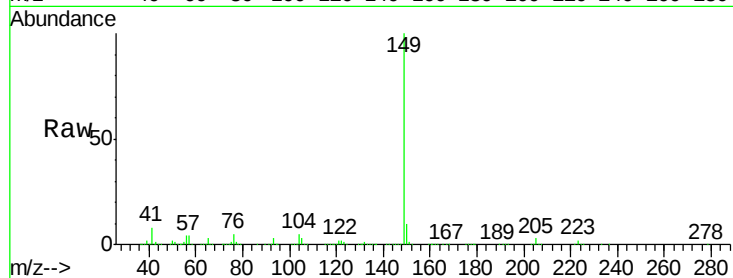
#73
Di-n-butylphthalate
Concen: 38.24 ng
RT: 11.95 min Scan# 863
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleID :
PB89915BS

Tot Ion:149 Resp: 1835204
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.1 4.1 6.1

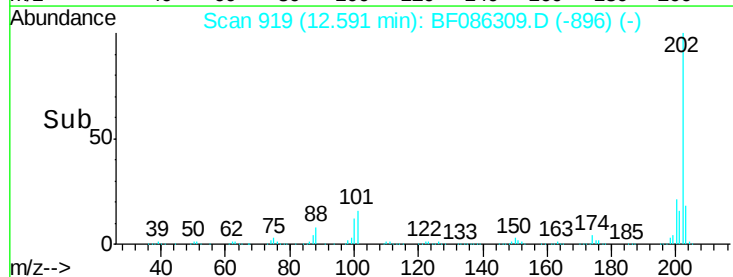
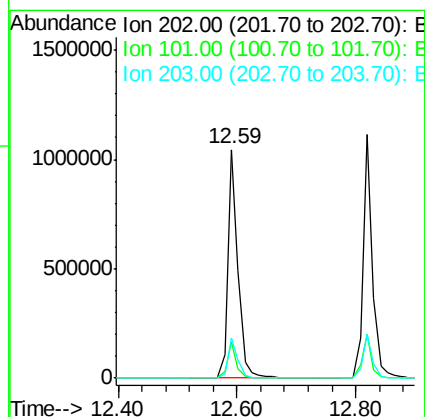
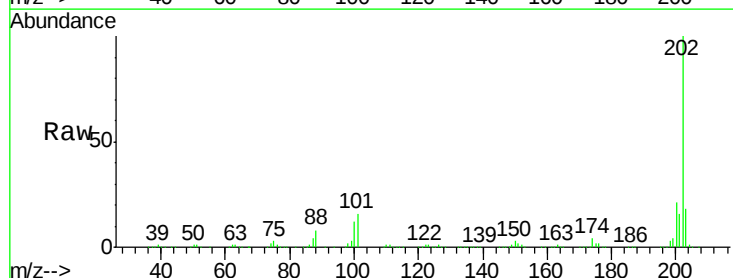
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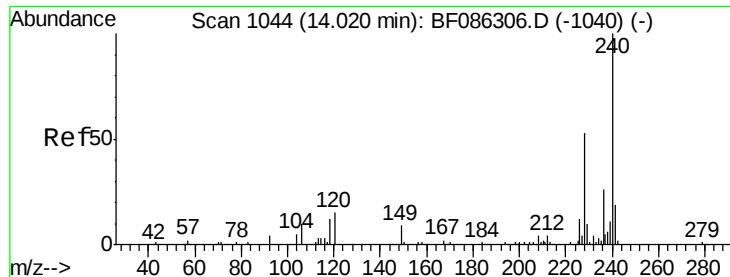
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#74
Fluoranthene
Concen: 36.26 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:202 Resp: 1236367
Ion Ratio Lower Upper
202 100
101 16.1 0.0 35.2
203 17.7 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

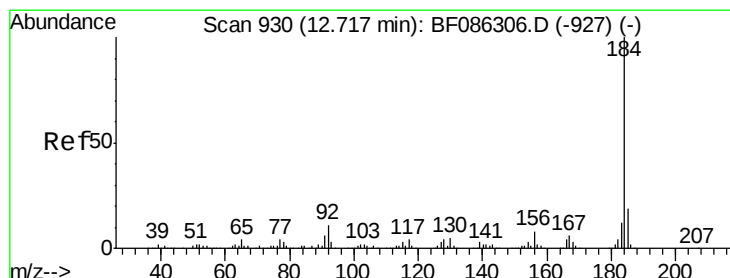
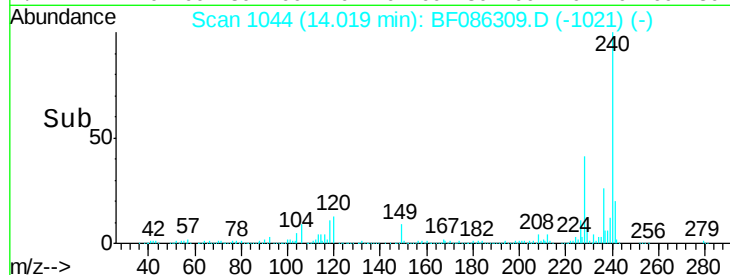
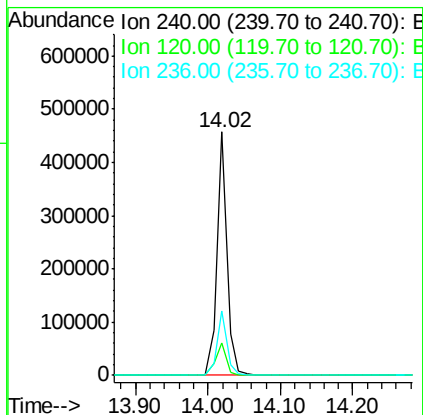
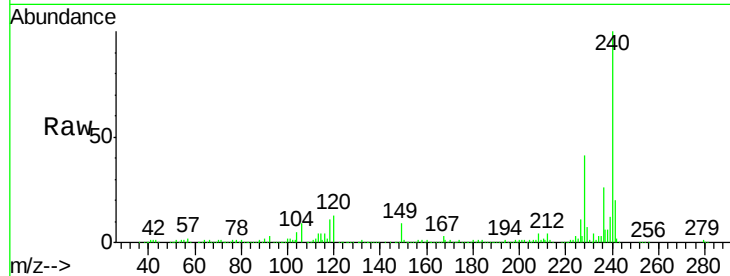
ClientSampleId :

PB89915BS

Tot Ion:	240	Resp:	438500
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.3	13.9
236	26.5	21.1	31.7

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#76

Benzidine

Concen: 26.17 ng

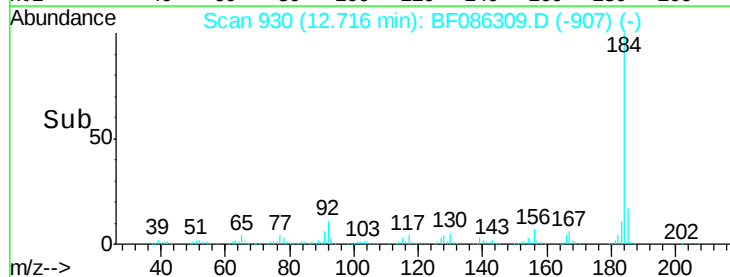
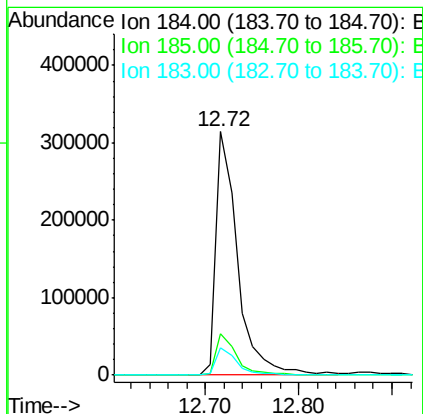
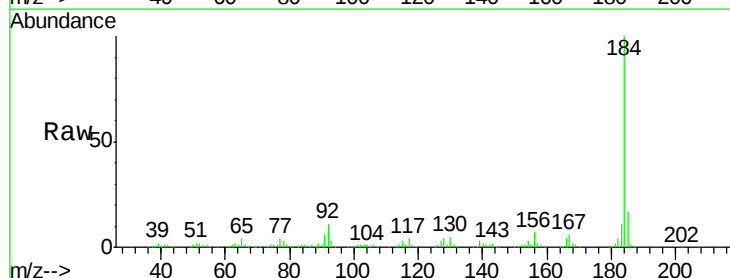
RT: 12.72 min Scan# 930

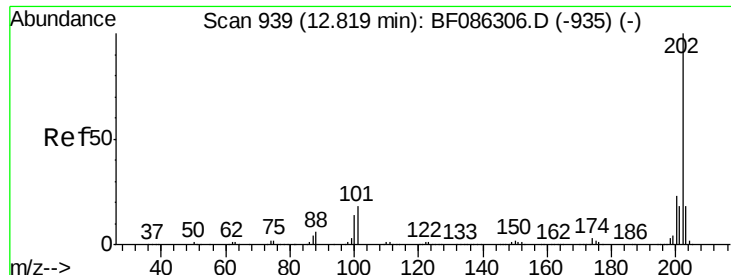
Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:	184	Resp:	506552
Ion Ratio	Lower	Upper	
184	100		
185	17.0	14.2	21.2
183	11.2	9.8	14.6





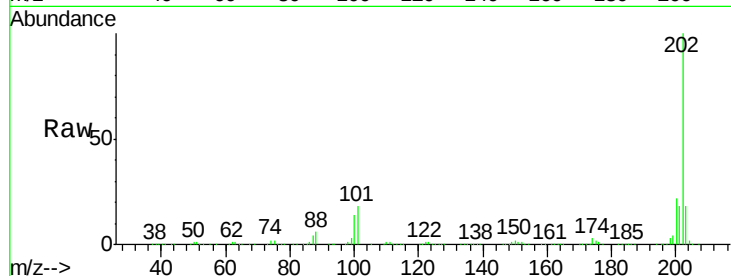
#77
Pvrene
Concen: 37.34 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

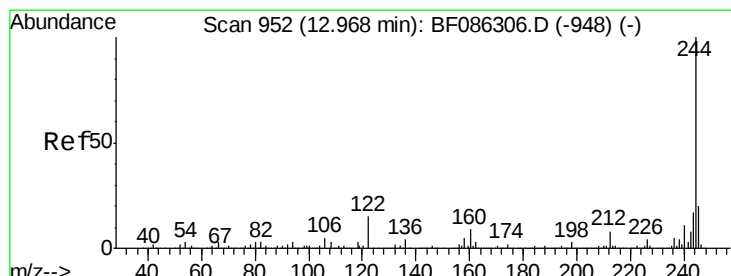
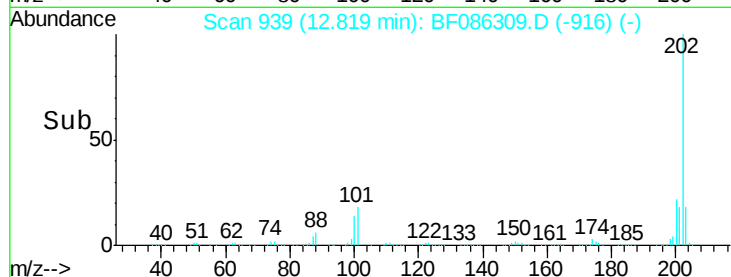
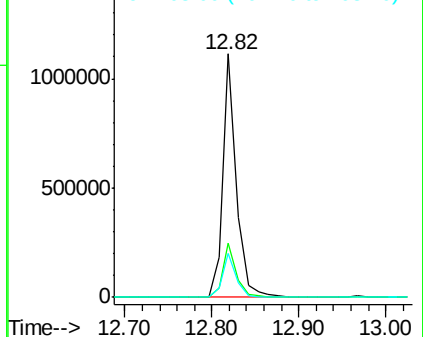
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.3	27.5
203	17.9	14.9	22.3

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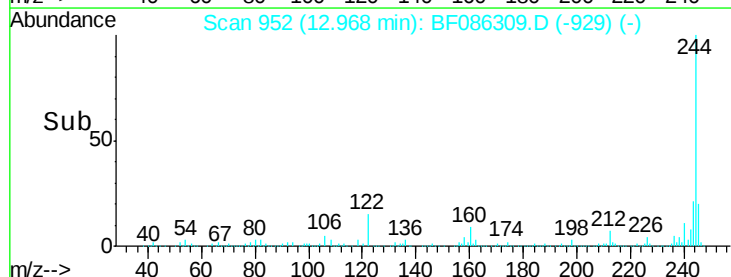
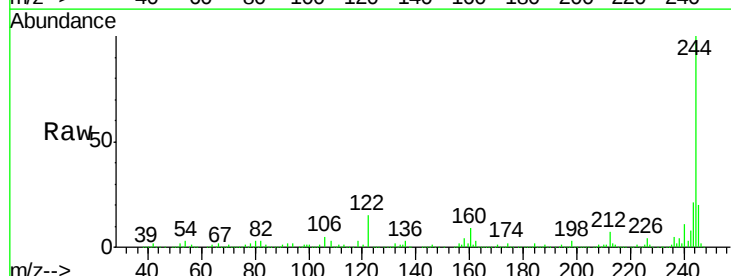
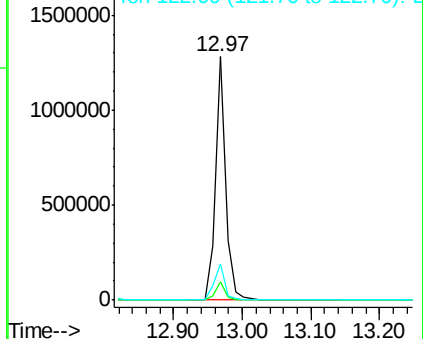
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

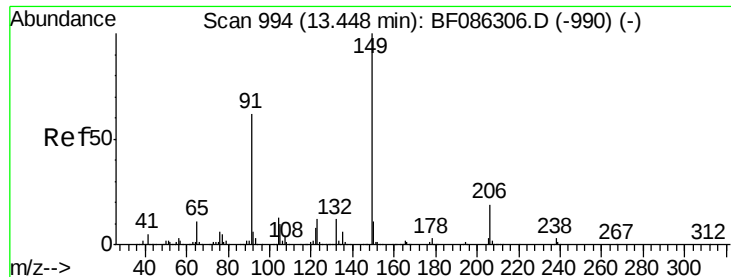


#78
Terphenyl-d14
Concen: 73.05 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	14.7	11.7	17.5

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





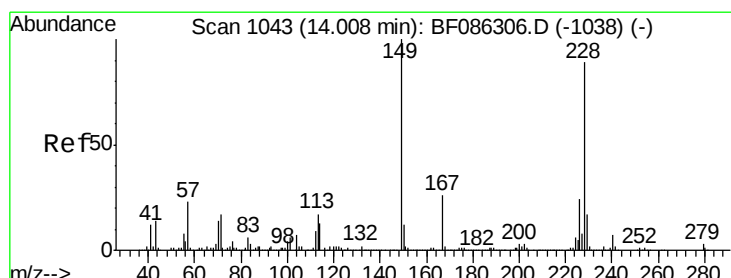
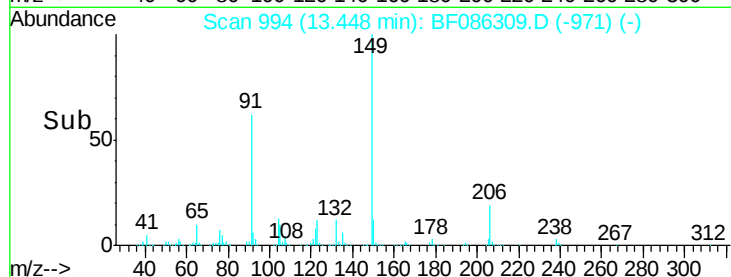
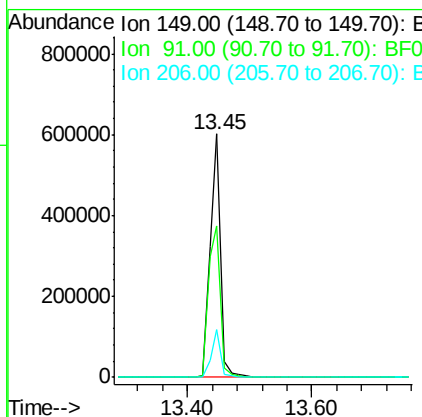
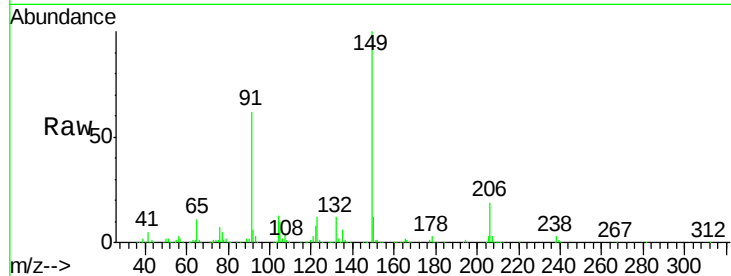
#79
Butylbenzylphthalate
Concen: 40.01 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	686931		
91	62.3	48.7	73.1	
206	19.4	15.7	23.5	

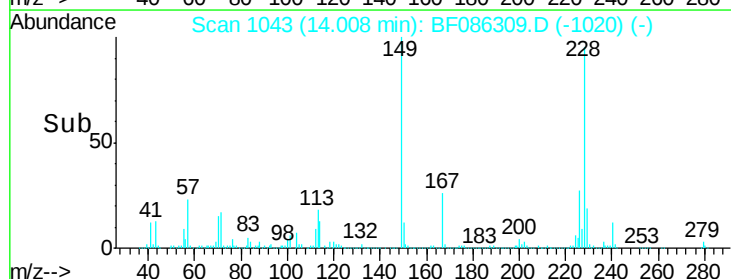
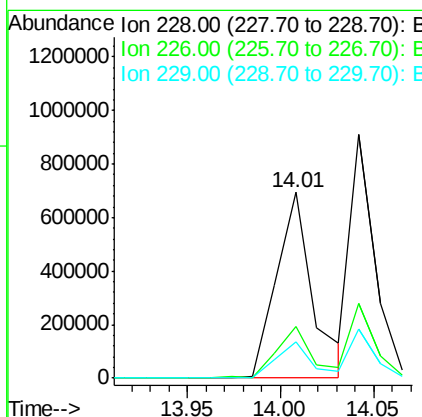
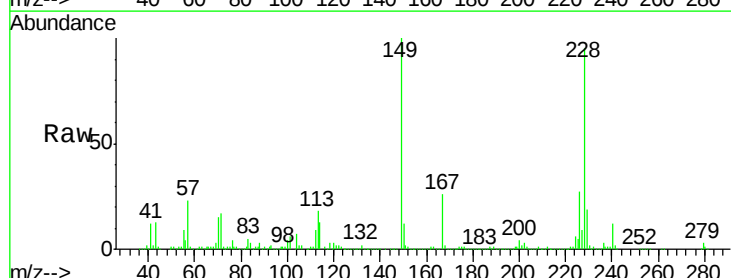
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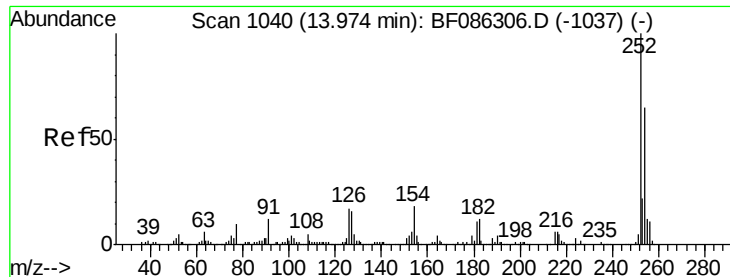
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#80
Benzo(a)anthracene
Concen: 40.50 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	935486		
226	27.9	22.5	33.7	
229	19.7	16.2	24.2	





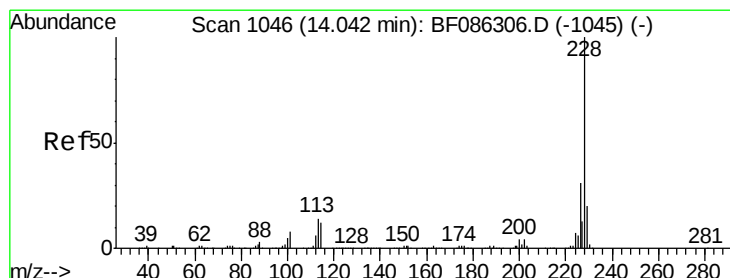
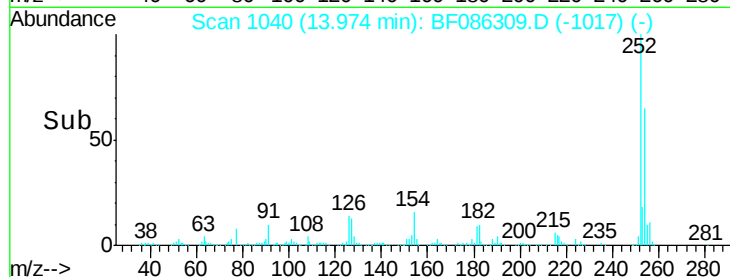
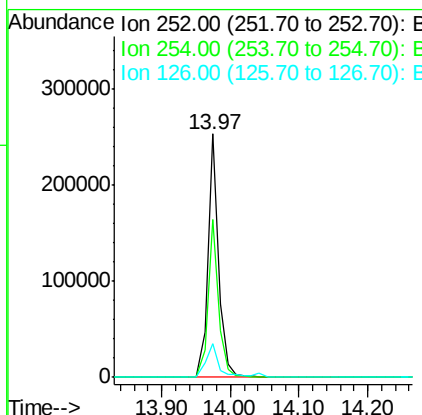
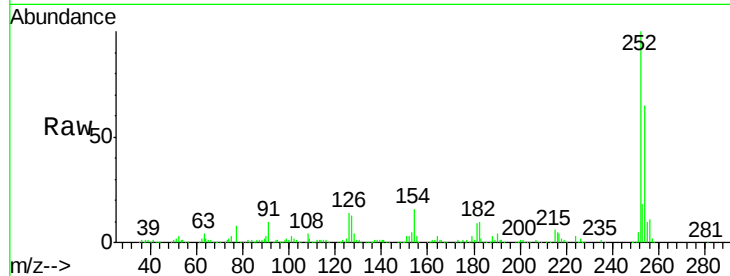
#81
 3,3'-Dichlorobenzidine
 Concen: 17.23 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	275290		
254	64.6	52.1	78.1	
126	13.9	13.2	19.8	

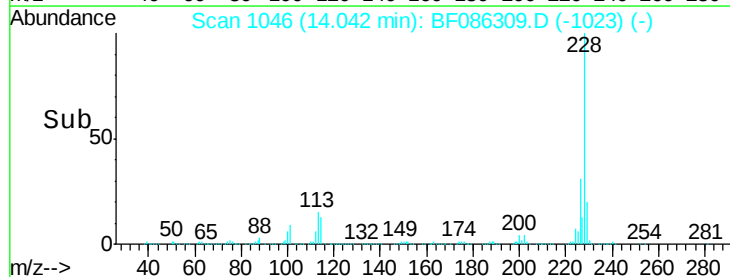
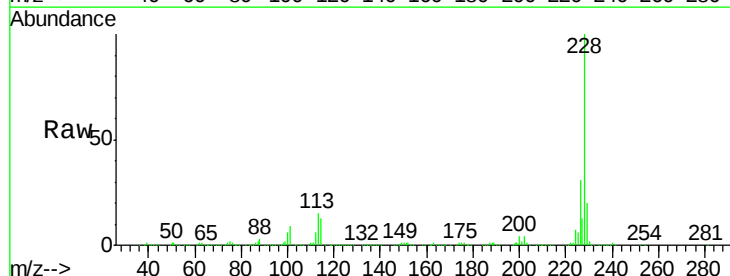
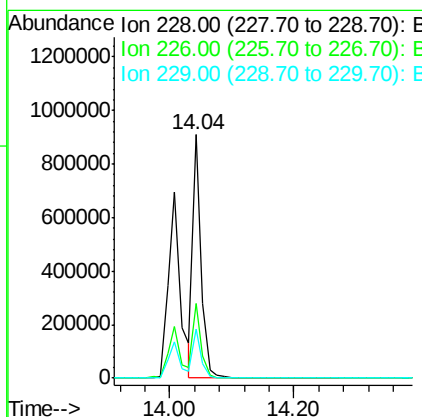
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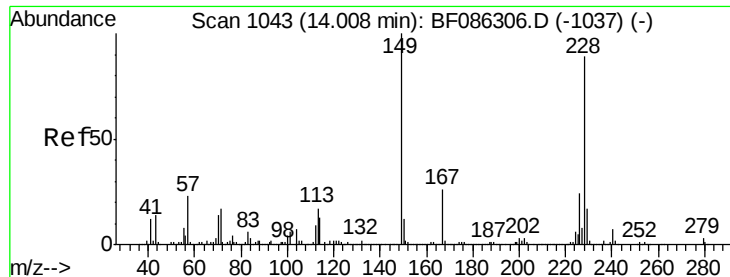
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#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	860962		
226	30.8	25.4	38.2	
229	20.1	16.5	24.7	





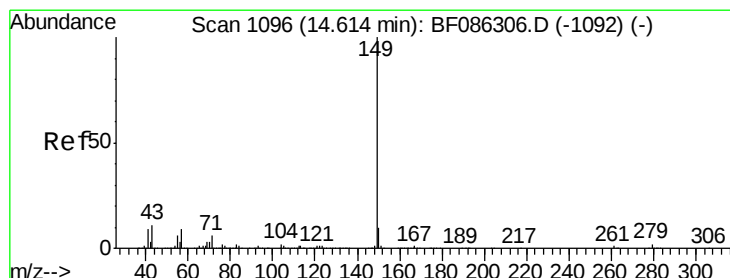
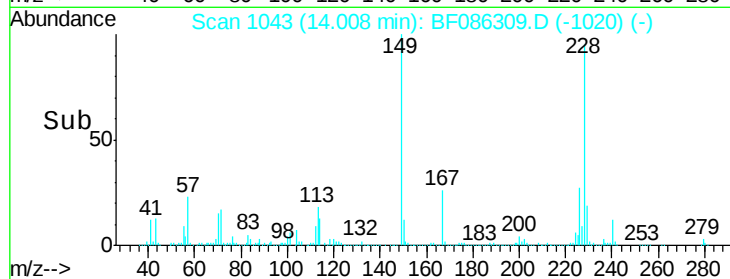
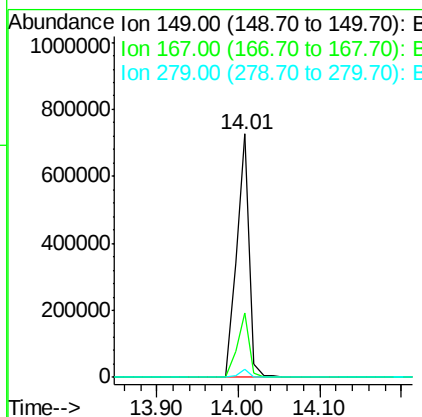
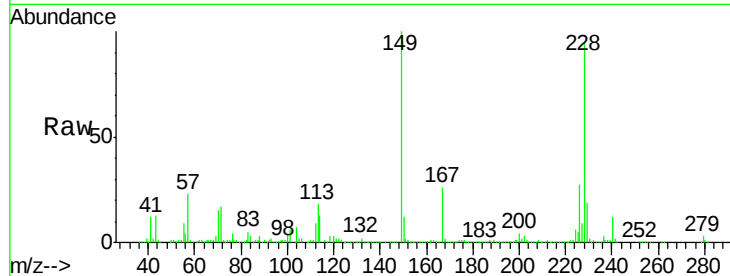
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.60 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion:	149	Resp:	776224
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.0	31.4
279	3.2	2.4	3.6

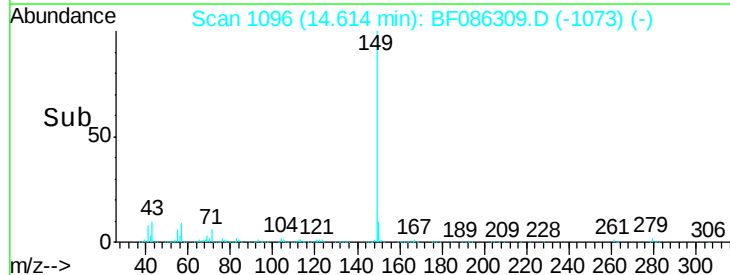
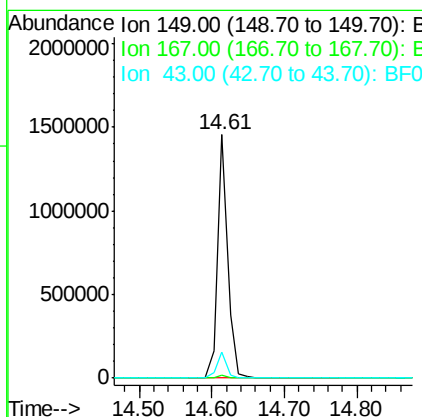
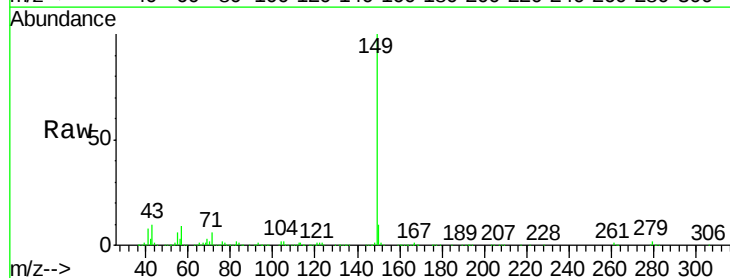
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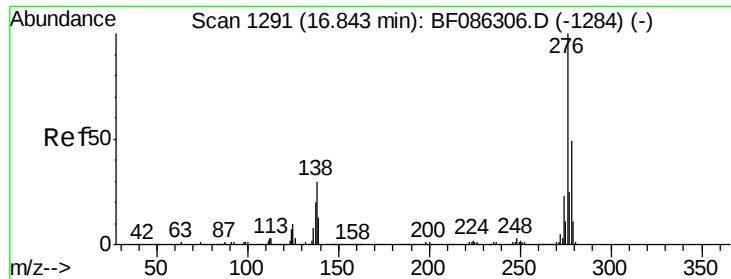
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#84
 Di-n-octyl phthalate
 Concen: 38.68 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:	149	Resp:	1401610
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.1	9.1	13.7





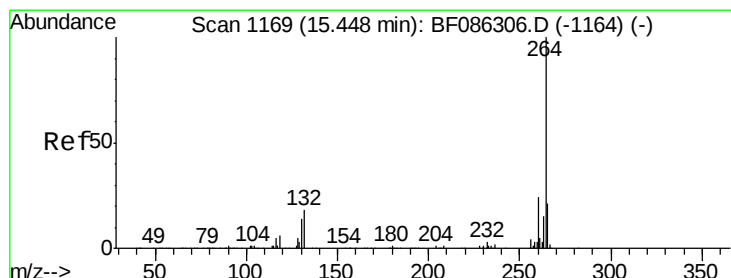
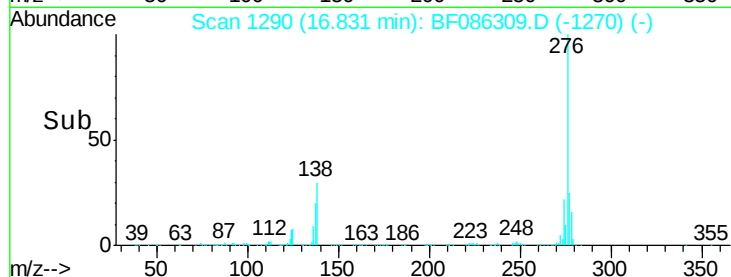
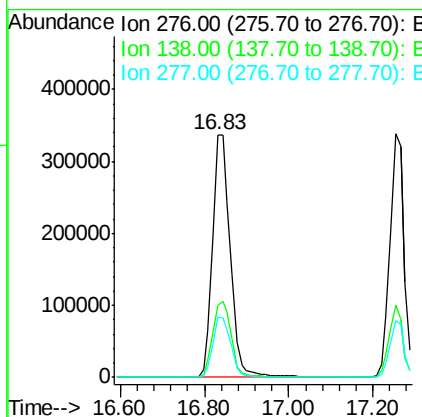
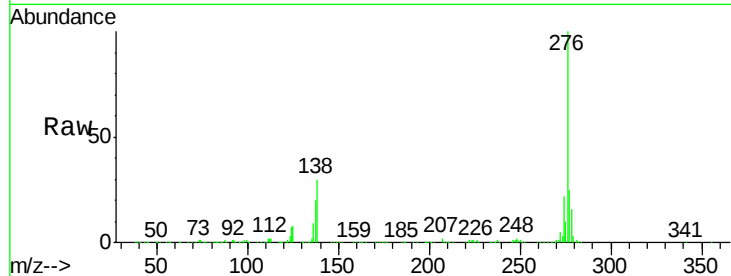
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.60 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	23.8	35.6
277	25.3	20.2	30.2

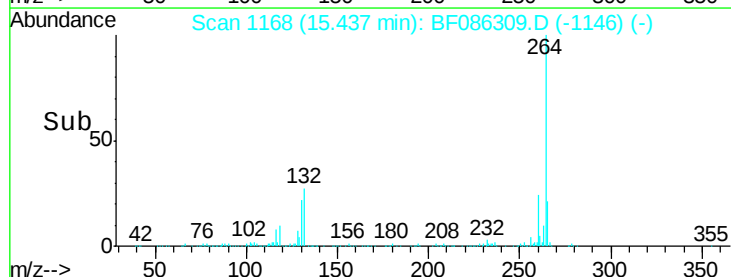
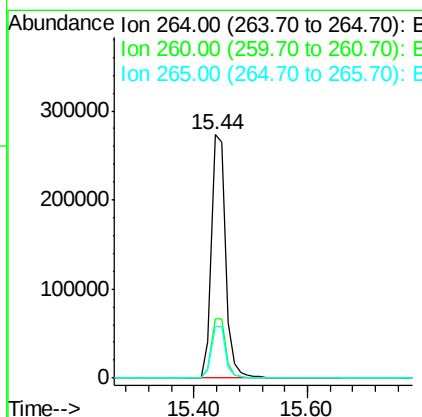
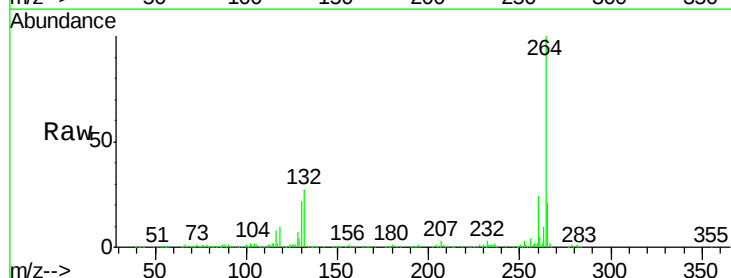
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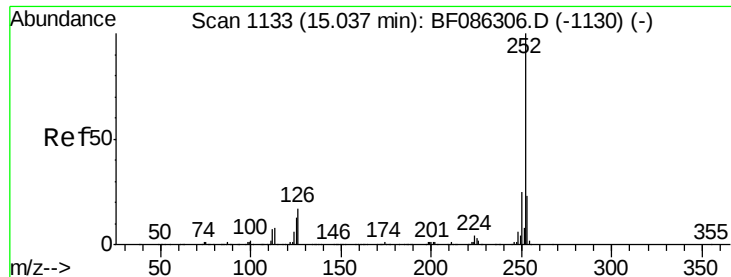
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.89 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tot Ion:252 Resp: 1041150

Ion Ratio Lower Upper

252 100

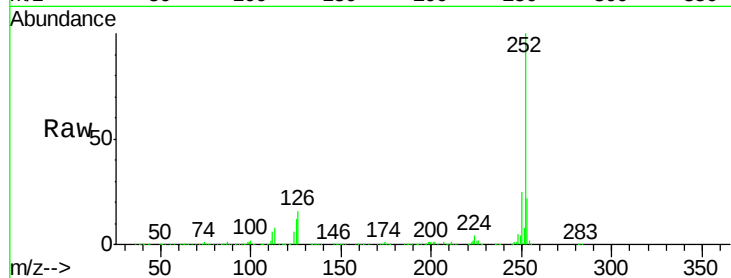
253 21.5 17.7 26.5

125 11.8 10.3 15.5

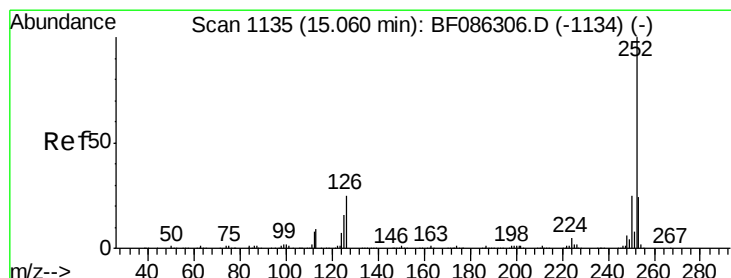
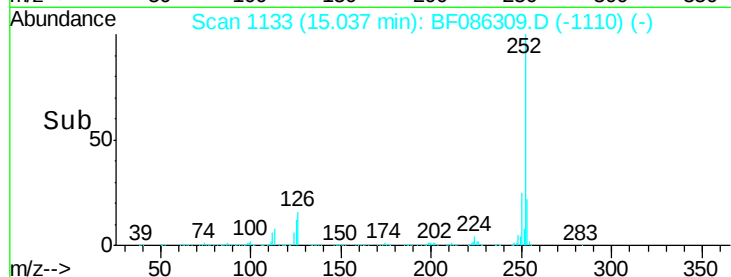
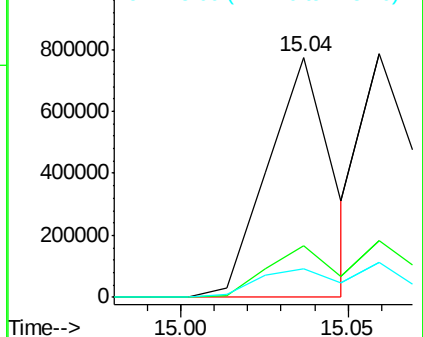
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.77 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

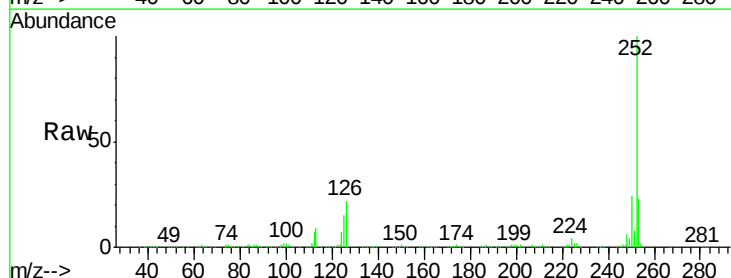
Tgt Ion:252 Resp: 896338

Ion Ratio Lower Upper

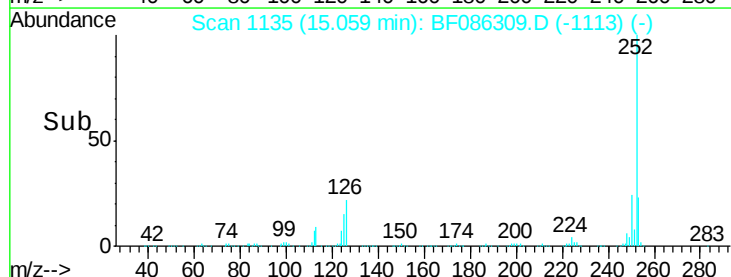
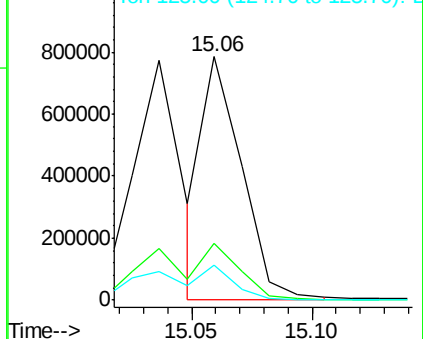
252 100

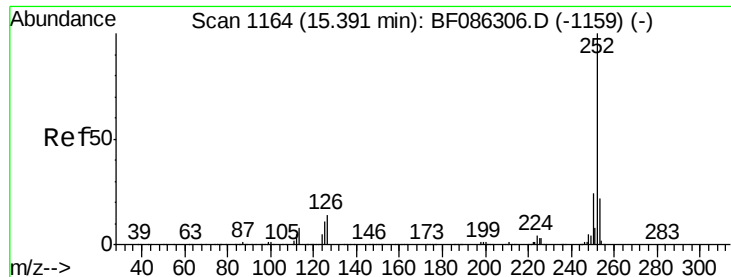
253 23.1 17.5 26.3

125 14.5 7.8 11.6#



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





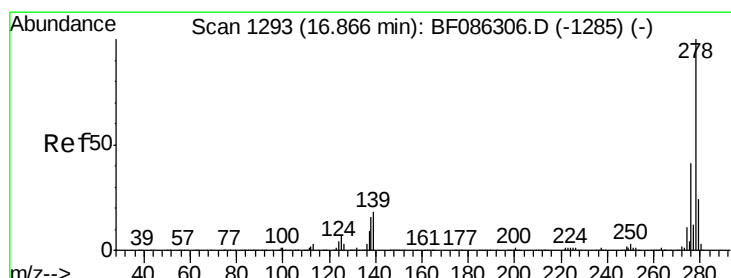
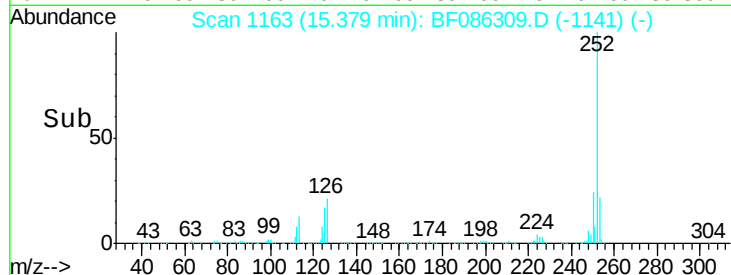
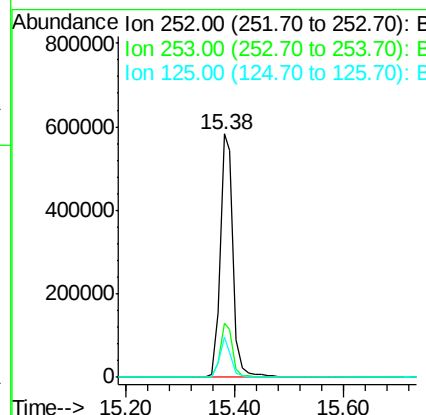
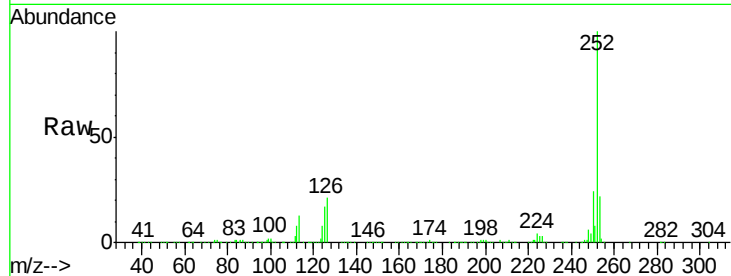
#89
Benzo(a)pyrene
Concen: 39.86 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	16.5	11.2	16.8

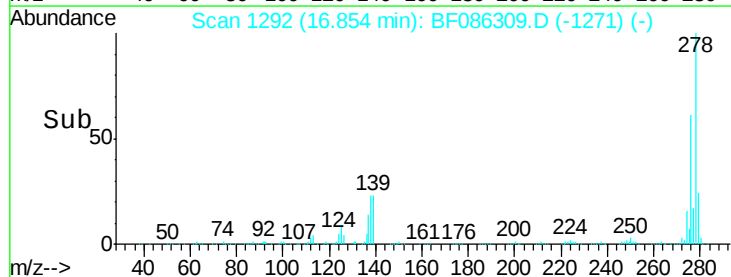
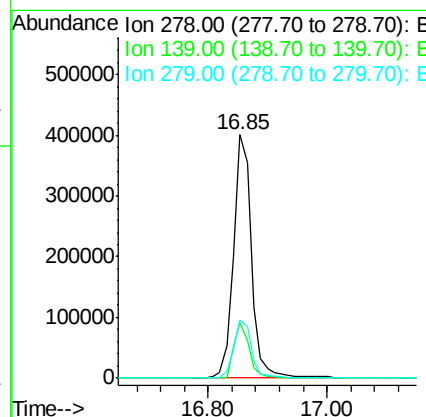
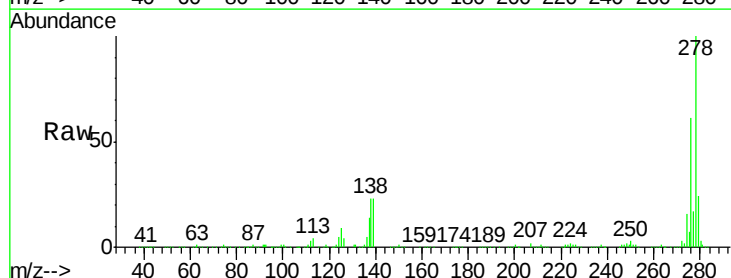
Manual Integrations
APPROVED

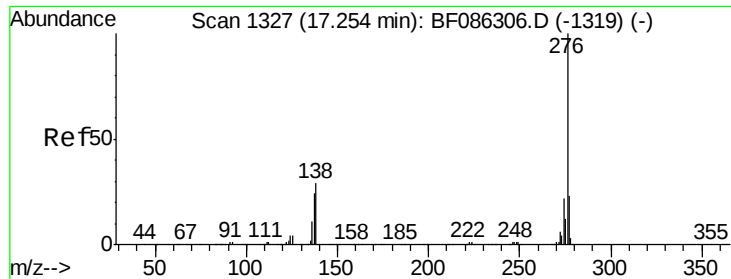
sohil
4/21/2016 7:09:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.98 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.3	22.9
279	24.1	19.1	28.7





#91
Benzo(a,h,i)perylene
Concen: 39.28 ng
RT: 17.25 min Scan# 1327
Delta R.T. -0.07 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	29.6	19.6	29.4

Manual Integrations
APPROVED

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