

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088590.D
 Acq On : 1 Jul 2016 23:10
 Operator : UM/SJ
 Sample : PB91760BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Manual Integrations
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 7/5/2016 7:31:36 PM

Quant Time: Jul 02 03:40:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130535	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	492587	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	215751	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	360366	20.00	ng	0.00
75) Chrysene-d12	13.94	240	228220	20.00	ng	-0.01
86) Perylene-d12	15.35	264	205102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	848510	97.42	ng	0.01
7) Phenol-d6	6.44	99	1110155	98.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	741711	78.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	218684	109.15	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1310543	95.95	ng	0.00
78) Terphenyl-d14	12.90	244	825995	80.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	130436	30.21	ng	# 30
3) Pyridine	3.15	79	194678	15.54	ng	94
4) n-Nitrosodimethylamine	3.10	42	88034	18.39	ng	90
6) Aniline	6.47	93	166906	10.18	ng	99
8) 2-Chlorophenol	6.59	128	209426	22.37	ng	94
9) Benzaldehyde	6.35	77	138251	18.14	ng	97
10) Phenol	6.46	94	277024	21.57	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	211276	22.06	ng	89
12) 1,3-Dichlorobenzene	6.75	146	199216m	19.34	ng	
13) 1,4-Dichlorobenzene	6.82	146	200015	19.56	ng	94
14) 1,2-Dichlorobenzene	6.98	146	199403	20.84	ng	95
15) Benzyl Alcohol	6.95	79	175824	21.23	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	267724	19.30	ng	90
17) 2-Methylphenol	7.06	107	159251	20.85	ng	97
18) Hexachloroethane	7.32	117	71156	17.99	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	141800	18.76	ng	94
20) 3+4-Methylphenols	7.22	107	211281	23.05	ng	# 78
22) Acetophenone	7.22	105	281747	23.57	ng	# 91
24) Nitrobenzene	7.39	77	234121	24.70	ng	92
25) Isophorone	7.63	82	407914	23.43	ng	99
26) 2-Nitrophenol	7.70	139	79239	20.39	ng	90
27) 2,4-Dimethylphenol	7.75	122	179691	22.20	ng	91
28) bis(2-Chloroethoxy)methane	7.85	93	255873	22.58	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	157552	24.08	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	158239	22.04	ng	99
31) Naphthalene	8.11	128	542933	22.36	ng	99
32) Benzoic acid	7.84	122	77697	13.22	ng	91
33) 4-Chloroaniline	8.16	127	82193	7.61	ng	99
34) Hexachlorobutadiene	8.24	225	90772	23.61	ng	98
35) Caprolactam	8.51	113	50711m	22.82	ng	
36) 4-Chloro-3-methylphenol	8.65	107	164336	21.24	ng	88
37) 2-Methylnaphthalene	8.81	142	357097	22.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	146496	20.41	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	84581	24.01	ng	99

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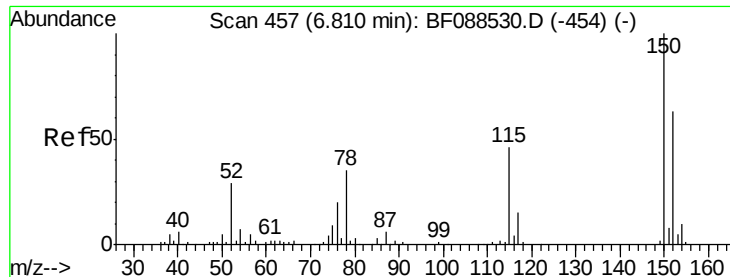
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	117561	24.85	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	95293	23.41	ng	# 89
45) 1,1'-Biphenyl	9.27	154	415037	23.23	ng	98
46) 2-Chloronaphthalene	9.29	162	314377	22.41	ng	99
47) 2-Nitroaniline	9.38	65	105628	21.22	ng	97
48) Acenaphthylene	9.70	152	492026	22.05	ng	100
49) Dimethylphthalate	9.56	163	374685	24.38	ng	99
50) 2,6-Dinitrotoluene	9.63	165	78382	23.01	ng	90
51) Acenaphthene	9.87	154	294461	21.53	ng	98
52) 3-Nitroaniline	9.79	138	80789	18.66	ng	93
53) 2,4-Dinitrophenol	9.90	184	22507	14.96	ng	90
54) Dibenzofuran	10.04	168	423910	23.68	ng	# 89
55) 4-Nitrophenol	9.95	139	169757	51.58	ng	98
56) 2,4-Dinitrotoluene	10.02	165	90816	20.39	ng	# 35
57) Fluorene	10.39	166	310494	22.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72927	23.16	ng	# 53
59) Diethylphthalate	10.27	149	403100	26.13	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	157447	24.56	ng	92
61) 4-Nitroaniline	10.40	138	73837	17.72	ng	93
62) Azobenzene	10.55	77	439184	24.96	ng	94
64) 4,6-Dinitro-2-methylphenol	10.43	198	12288	6.38	ng	# 66
65) n-Nitrosodiphenylamine	10.50	169	308981	25.33	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	88393	24.34	ng	# 72
67) Hexachlorobenzene	10.94	284	92385	22.98	ng	94
68) Atrazine	11.03	200	91655	24.12	ng	93
69) Pentachlorophenol	11.13	266	134566	56.56	ng	98
70) Phenanthrene	11.35	178	474518	24.09	ng	98
71) Anthracene	11.39	178	439048	22.41	ng	99
72) Carbazole	11.55	167	426243	23.12	ng	97
73) Di-n-butylphthalate	11.90	149	546175	25.47	ng	# 97
74) Fluoranthene	12.52	202	408734	20.47	ng	98
76) Benzidine	12.65	184	388482	33.68	ng	99
77) Pyrene	12.75	202	411045	21.24	ng	99
79) Butylbenzylphthalate	13.38	149	202486	23.46	ng	88
80) Benzo(a)anthracene	13.93	228	322915	21.97	ng	99
81) 3,3'-Dichlorobenzidine	13.90	252	105317	19.06	ng	# 94
82) Chrysene	13.98	228	322815	22.20	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	260557	26.44	ng	98
84) Di-n-octyl phthalate	14.55	149	444457	26.55	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	250252	22.37	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	279743m	21.74	ng	
88) Benzo(k)fluoranthene	14.98	252	276584m	24.69	ng	
89) Benzo(a)pyrene	15.29	252	252841	23.21	ng	# 94
90) Dibenzo(a,h)anthracene	16.71	278	213438	23.46	ng	98
91) Benzo(g,h,i)perylene	17.10	276	202479	21.51	ng	97

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



#1

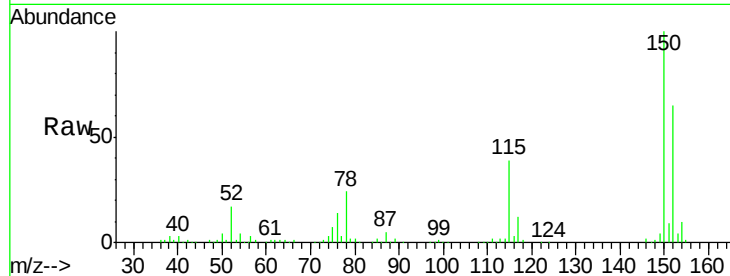
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

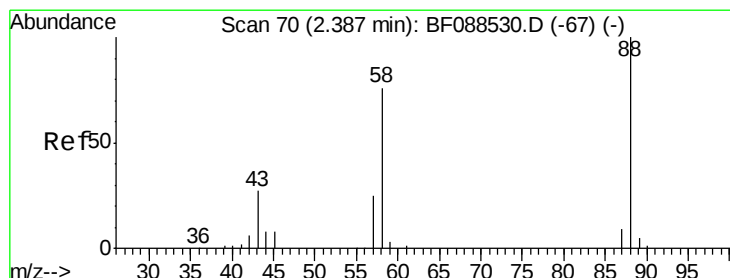
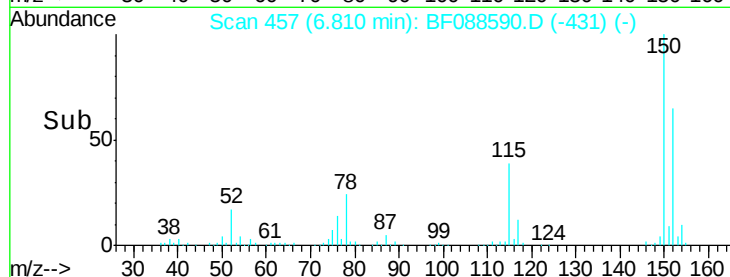
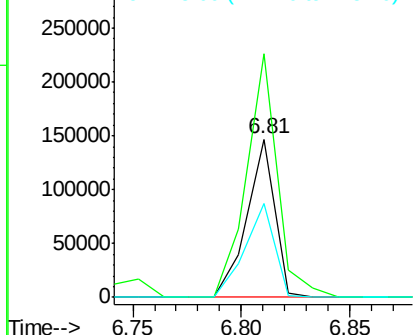
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.8	185.6
115	59.5	39.6	59.4#

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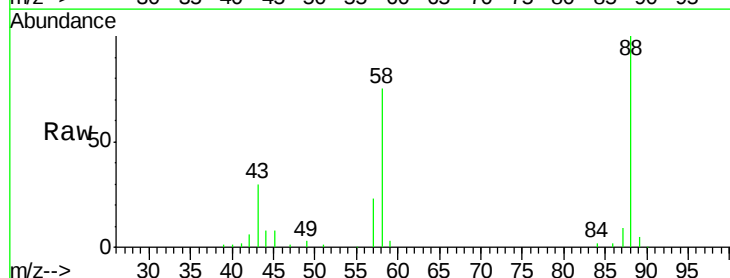
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



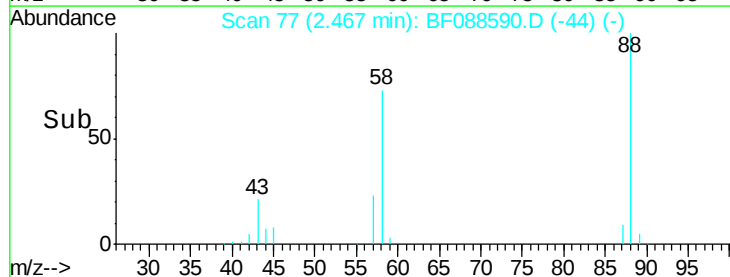
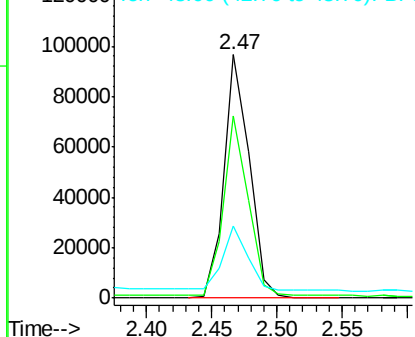
#2

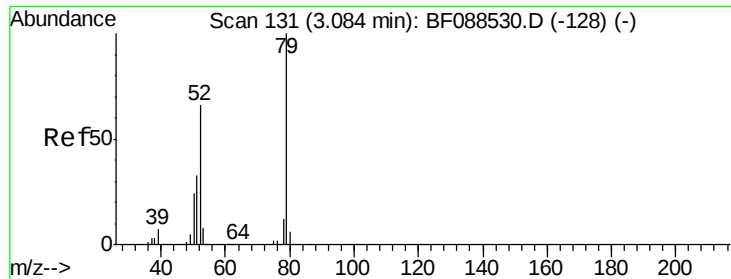
1,4-Dioxane
Concen: 30.21 ng
RT: 2.47 min Scan# 77
Delta R.T. 0.08 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	0.0	0.0#
43	27.3	3.4	5.2#



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





#3

Pyridine

Concen: 15.54 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.07 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

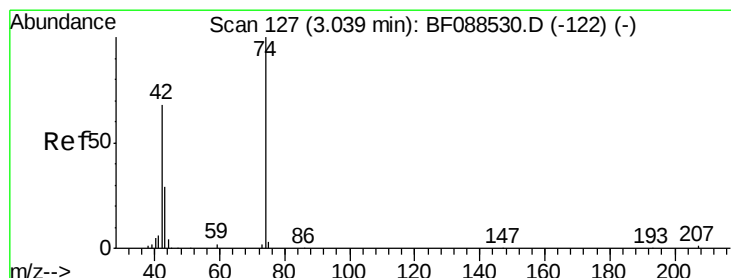
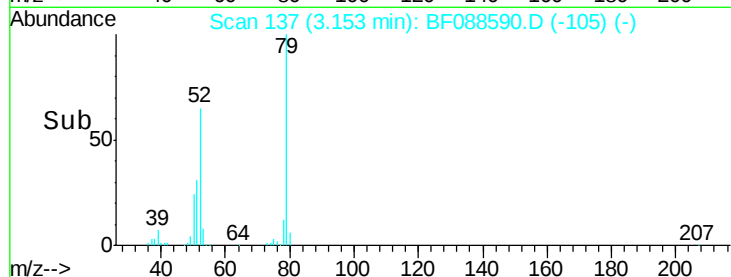
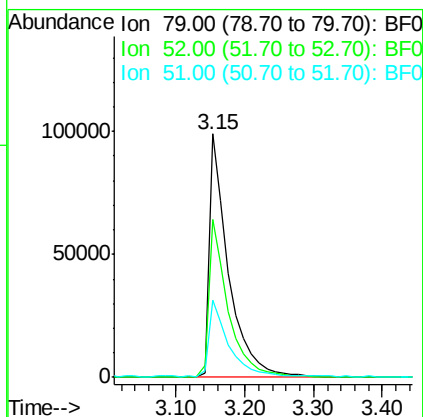
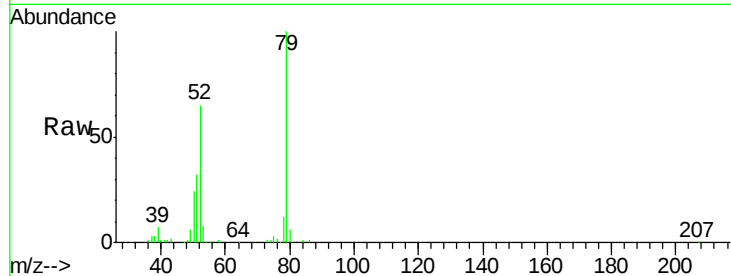
ClientSampleId :

PB91760BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.8	56.3	84.5
51	31.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 18.39 ng

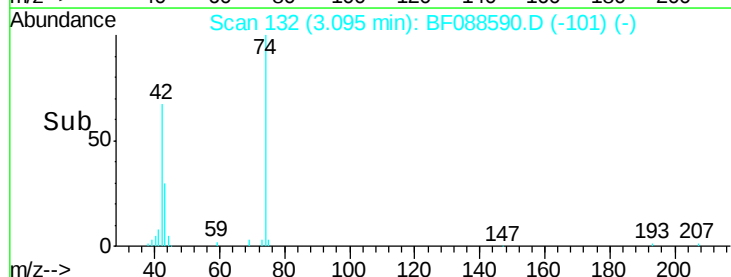
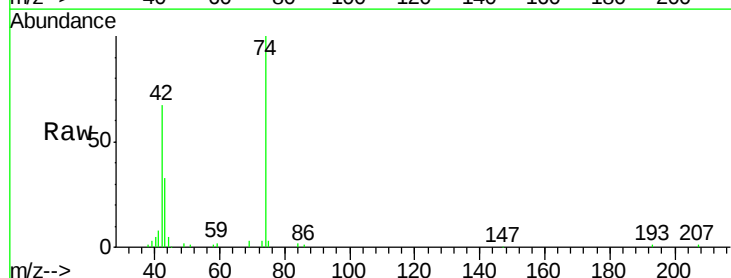
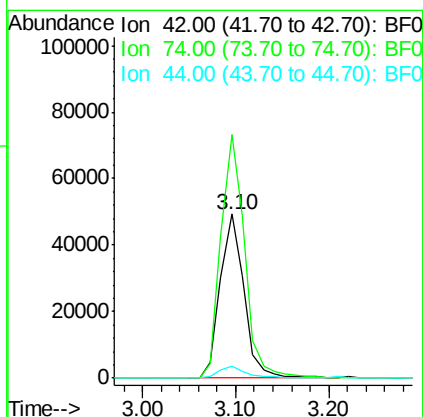
RT: 3.10 min Scan# 132

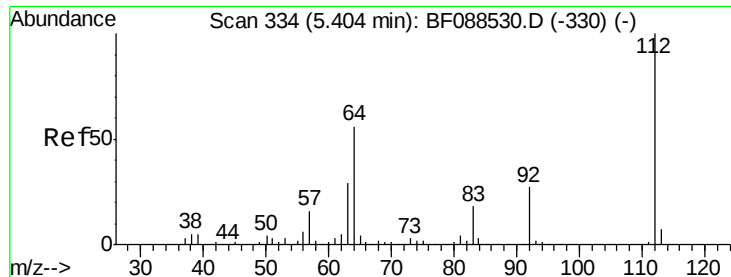
Delta R.T. 0.06 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.5	108.6	163.0
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 97.42 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

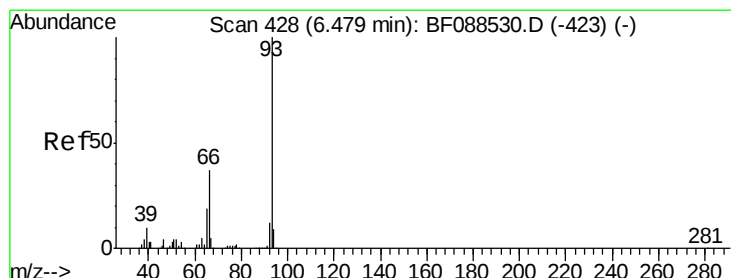
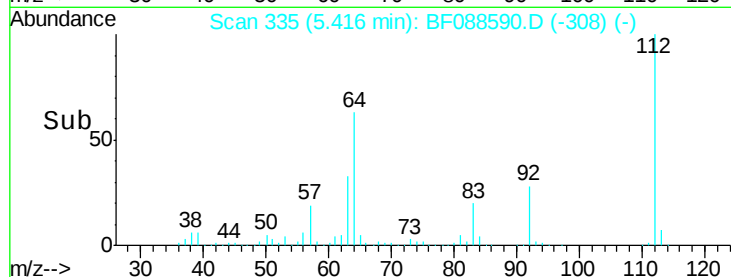
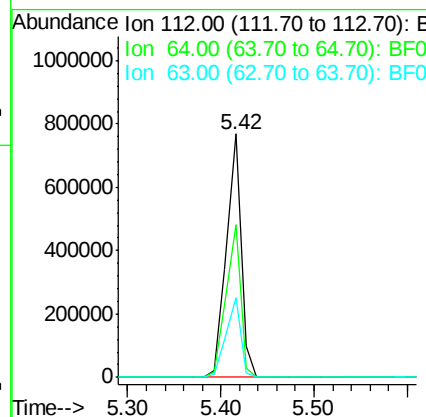
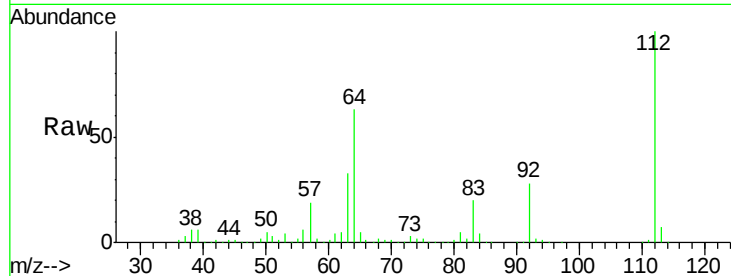
ClientSampled :

PB91760BS

Tgt Ion:	112	Resp:	848510
Ion Ratio	Lower	Upper	
112	100		
64	62.6	42.2	63.2
63	32.7	21.8	32.8

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#6

Aniline

Concen: 10.18 ng

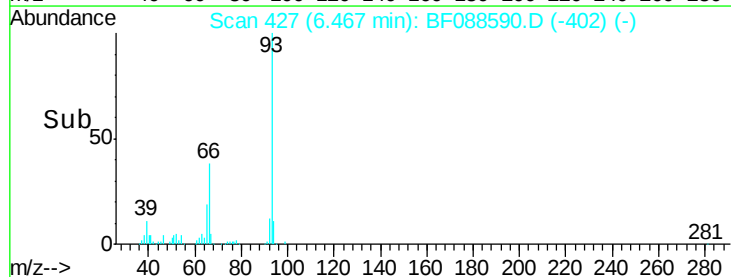
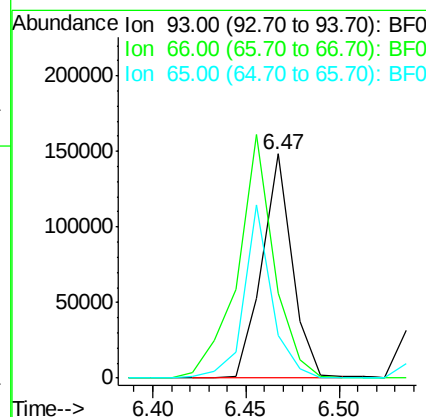
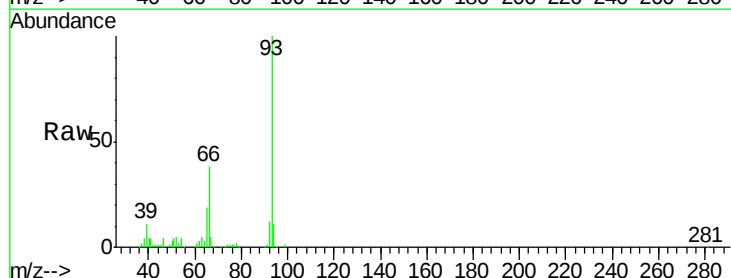
RT: 6.47 min Scan# 427

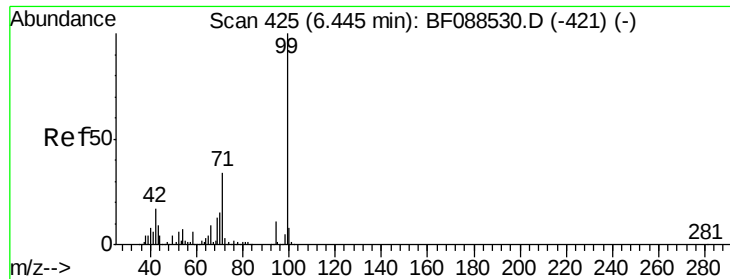
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	93	Resp:	166906
Ion Ratio	Lower	Upper	
93	100		
66	38.0	29.8	44.8
65	18.8	14.9	22.3





#7

Phenol-d6

Concen: 98.64 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion: 99 Resp: 1110155

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

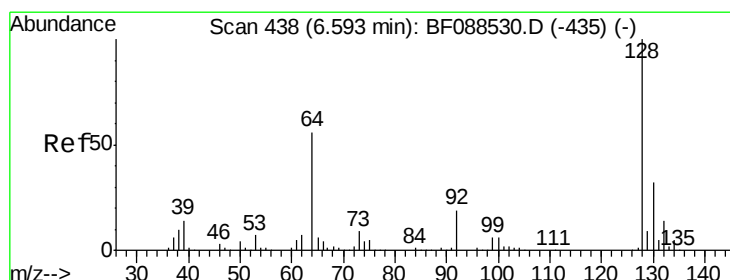
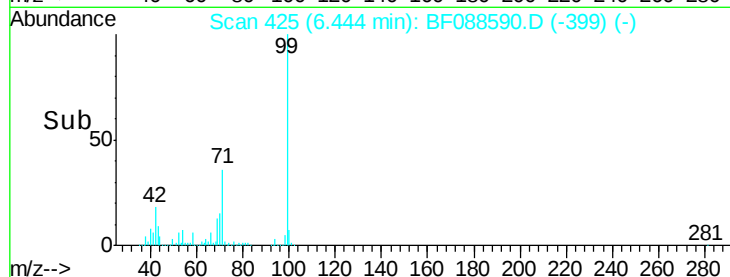
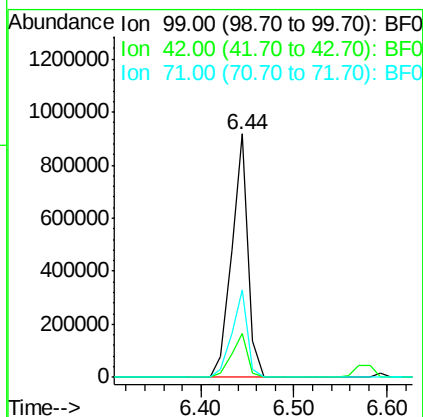
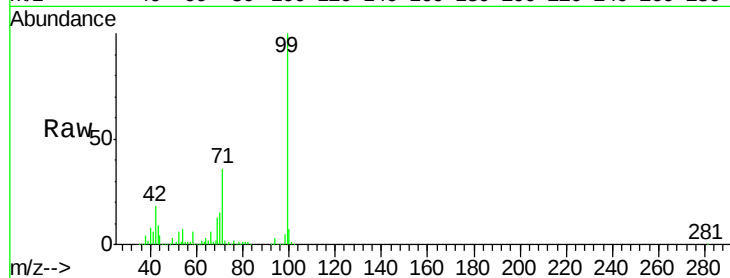
71 35.9 23.4 35.0#

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#8

2-Chlorophenol

Concen: 22.37 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

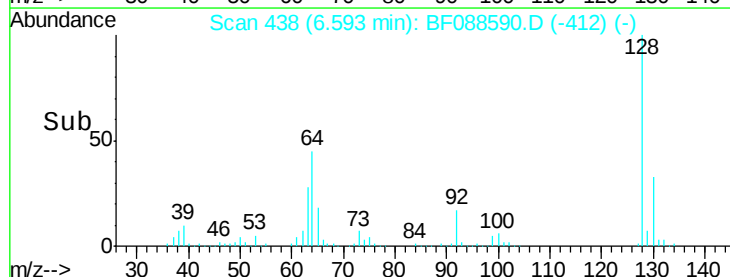
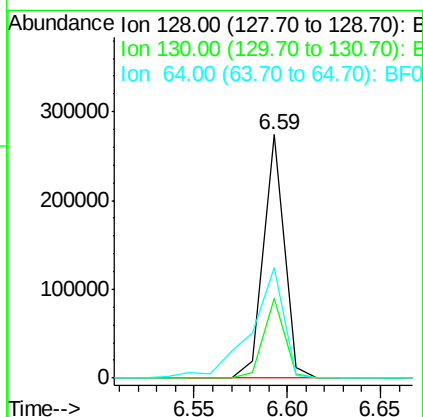
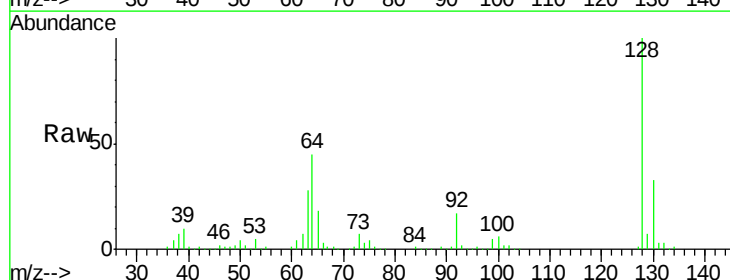
Tgt Ion: 128 Resp: 209426

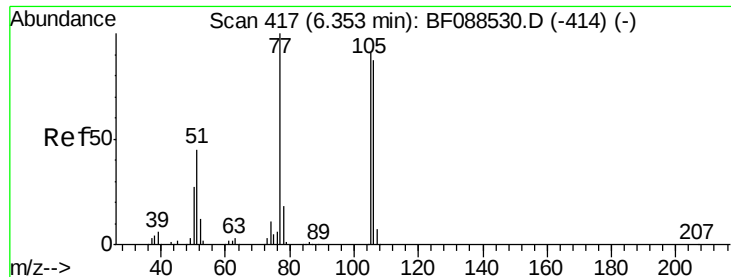
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 45.3 30.8 70.8





#9

Benzaldehyde

Concen: 18.14 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

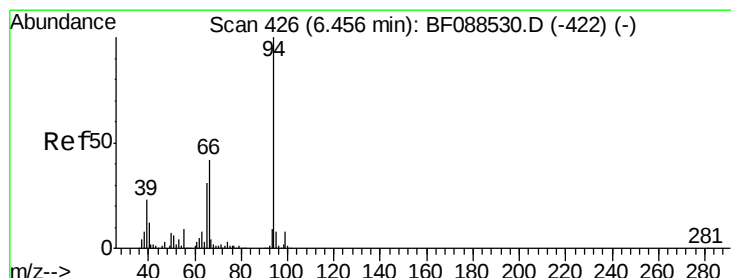
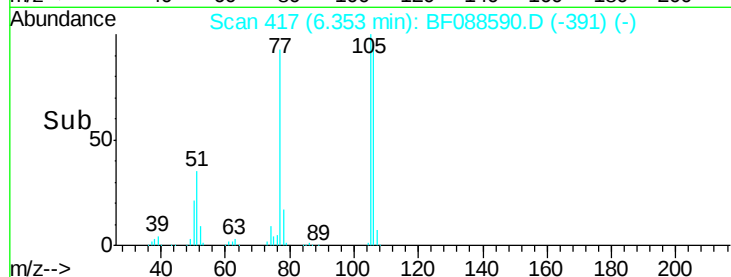
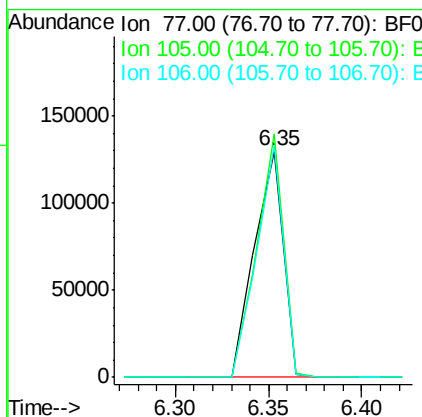
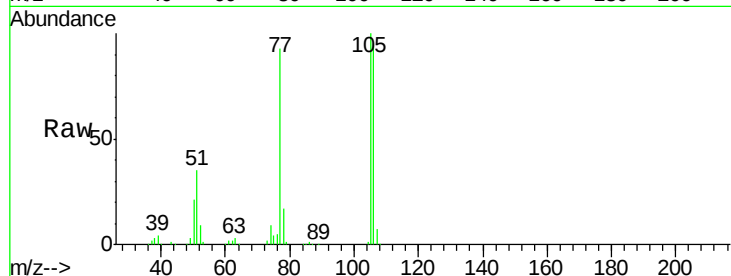
ClientSampleId :

PB91760BS

Tgt Ion:	77	Resp:	138251
Ion Ratio	Lower	Upper	
77	100		
105	107.8	90.6	130.6
106	102.8	85.3	125.3

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#10

Phenol

Concen: 21.57 ng

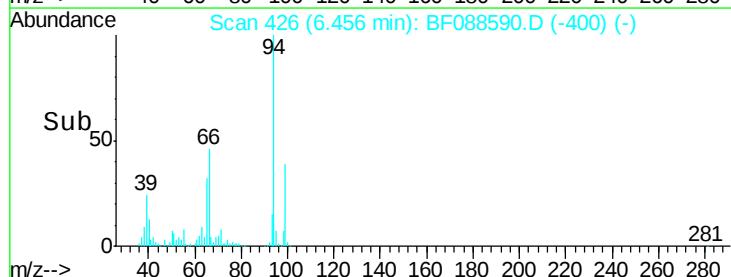
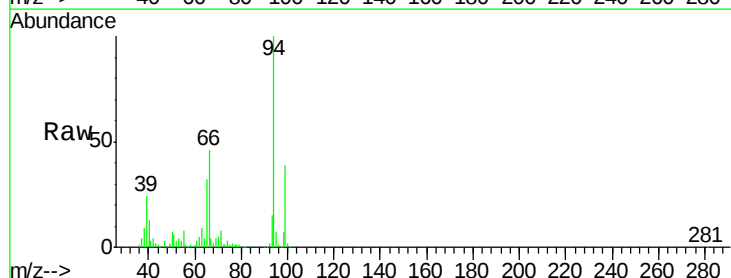
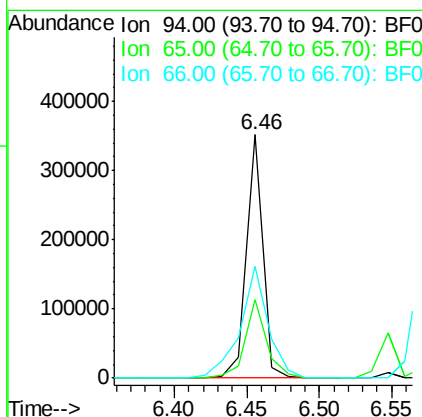
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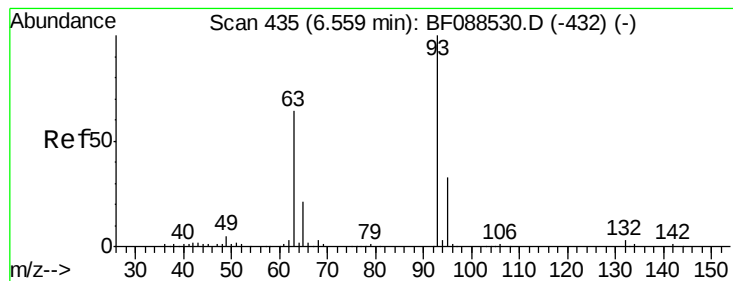
Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	94	Resp:	277024
Ion Ratio	Lower	Upper	
94	100		
65	32.5	5.9	45.9
66	45.8	14.0	54.0





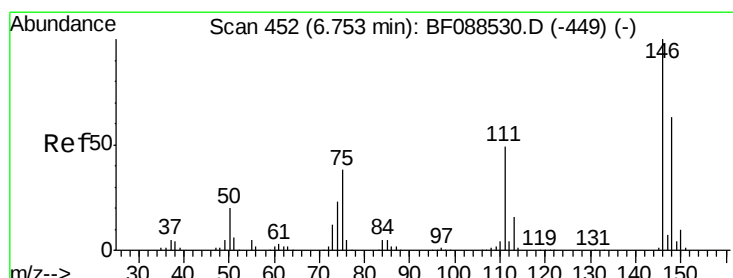
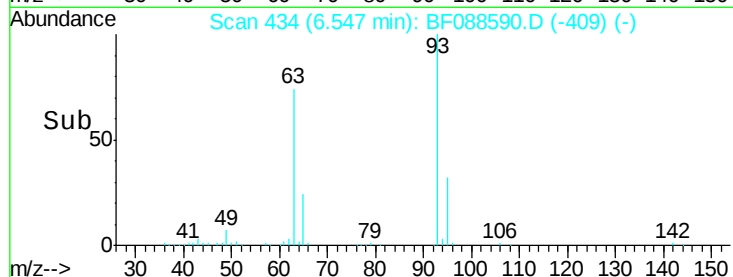
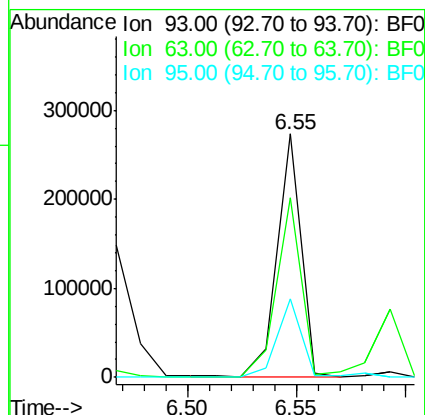
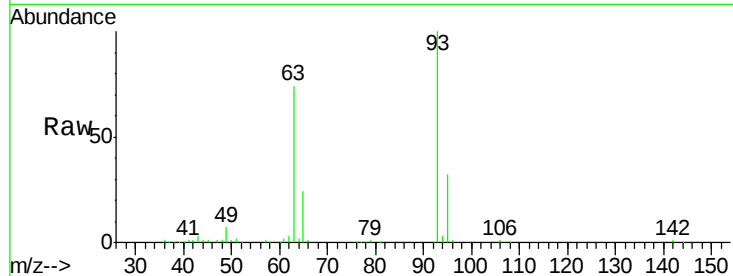
#11
bis(2-Chloroethyl)ether
Concen: 22.06 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211276		
63	73.7	67.6	107.6	
95	32.0	12.5	52.5	

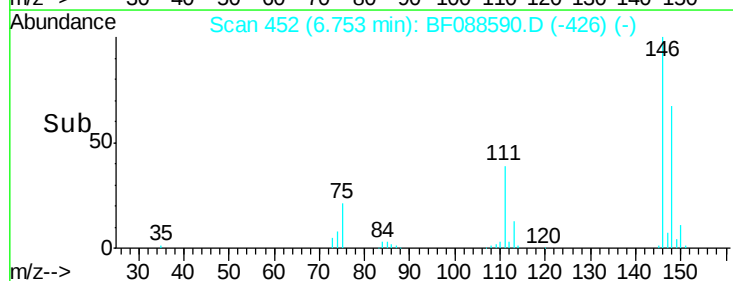
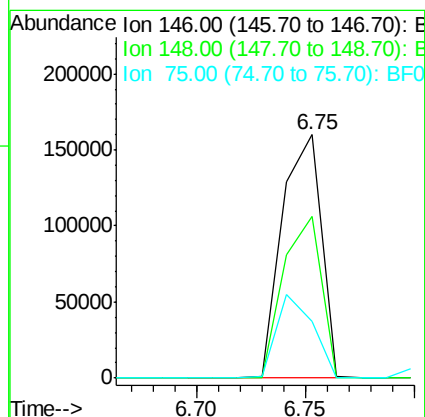
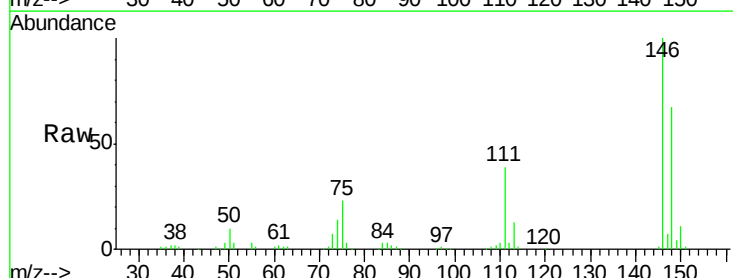
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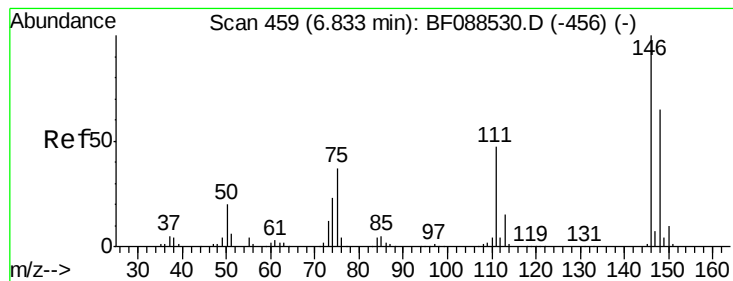
sohil
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#12
1,3-Dichlorobenzene
Concen: 19.34 ng m
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199216		
148	66.6	50.9	76.3	
75	23.4	25.6	38.4#	





#13

1,4-Dichlorobenzene

Concen: 19.56 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

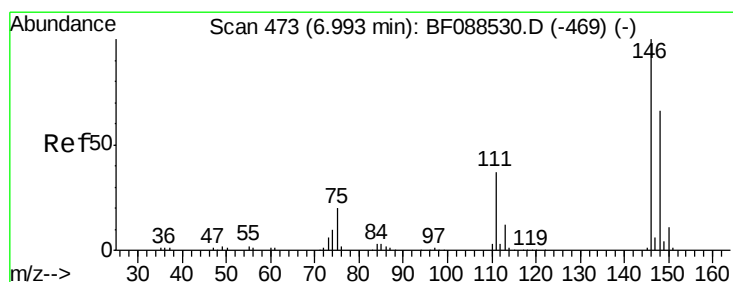
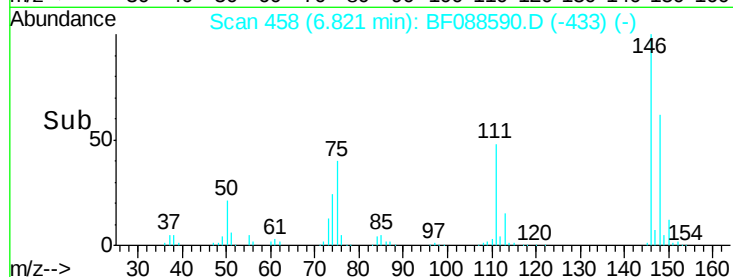
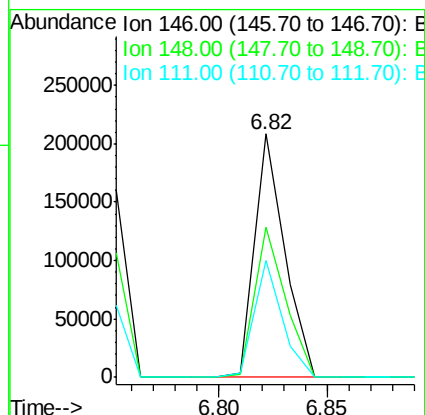
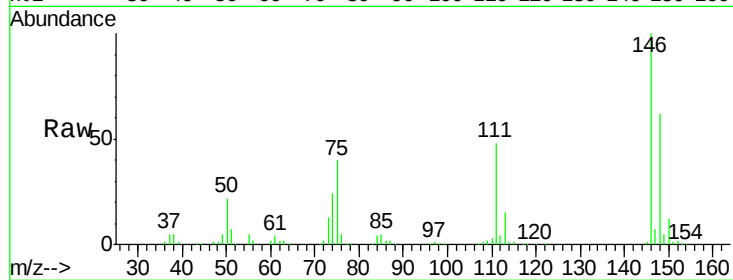
ClientSampled :

PB91760BS

Tgt Ion:	146	Resp:	200015
Ion Ratio	Lower	Upper	
146	100		
148	61.9	52.0	78.0
111	47.8	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 20.84 ng

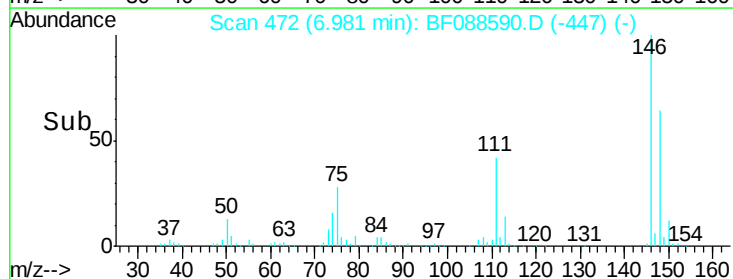
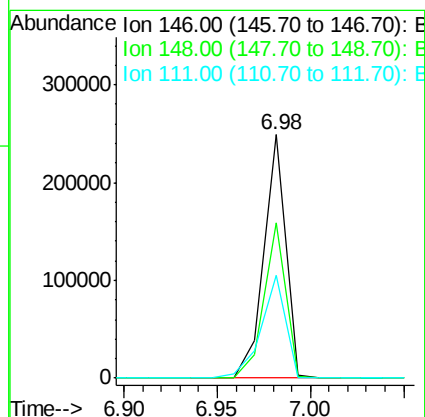
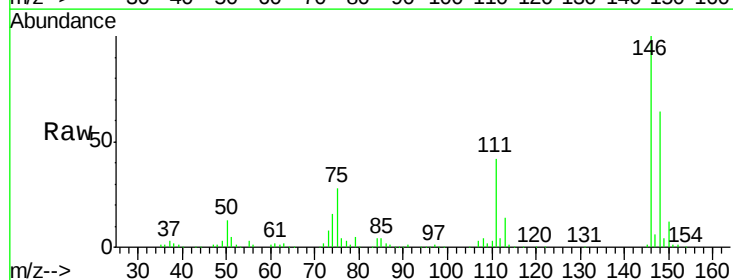
RT: 6.98 min Scan# 472

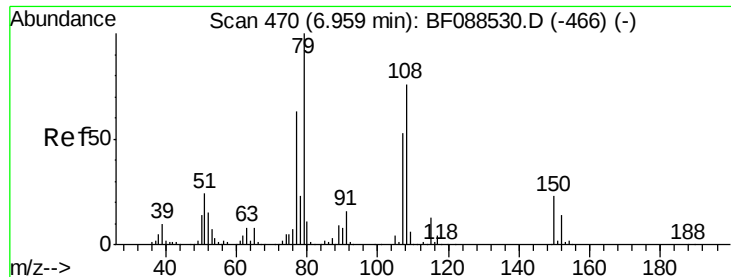
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	146	Resp:	199403
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	42.3	28.7	43.1





#15

Benzyl Alcohol

Concen: 21.23 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion: 79 Resp: 175824
Ion Ratio Lower Upper

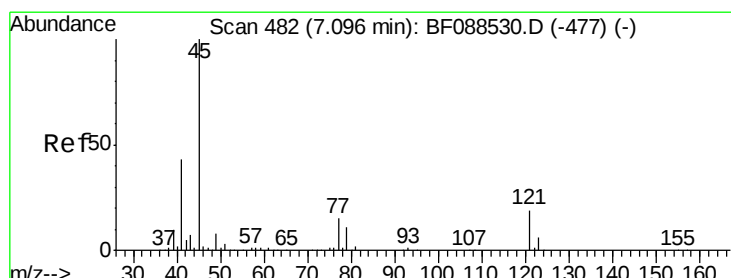
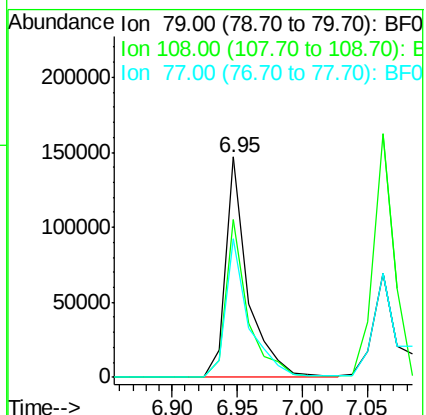
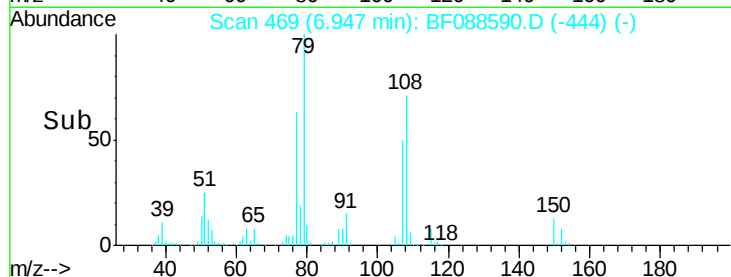
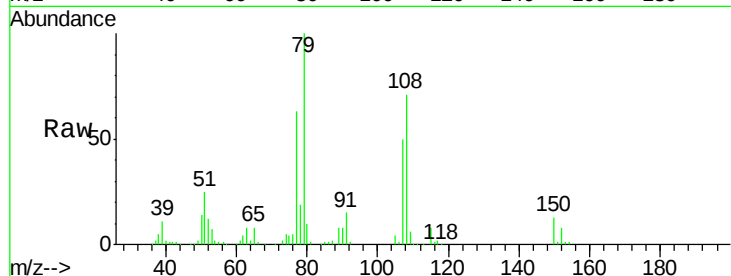
79 100

108 71.4 65.0 97.6

77 62.8 50.3 75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.30 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088590.D

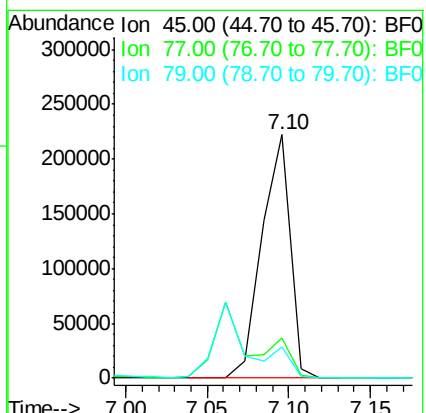
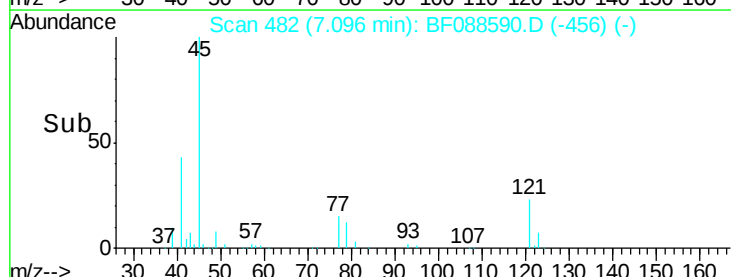
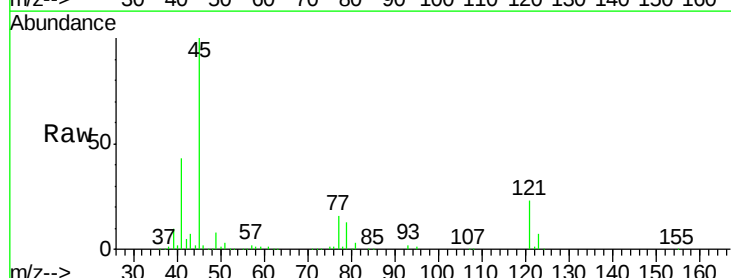
Acq: 1 Jul 2016 23:10

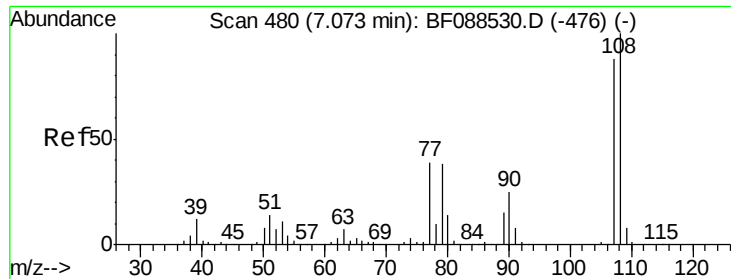
Tgt Ion: 45 Resp: 267724
Ion Ratio Lower Upper

45 100

77 16.5 0.0 32.5

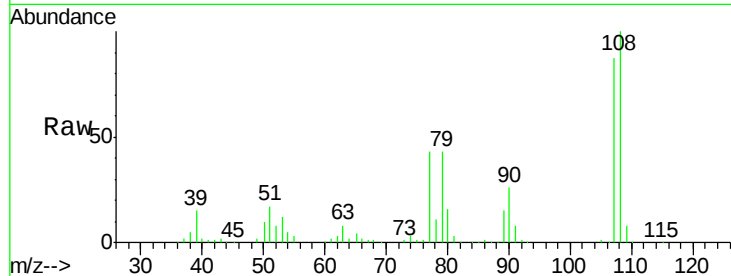
79 12.9 0.0 29.5





#17
2-Methylphenol
Concen: 20.85 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

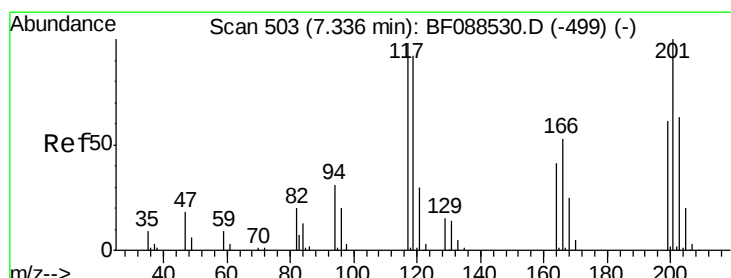
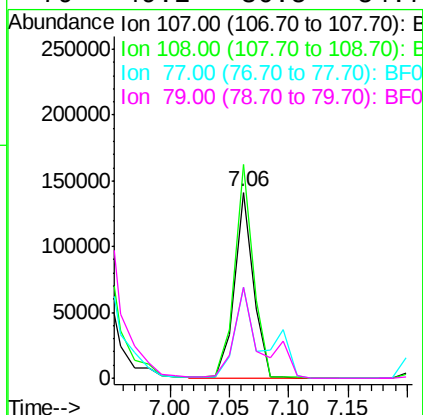
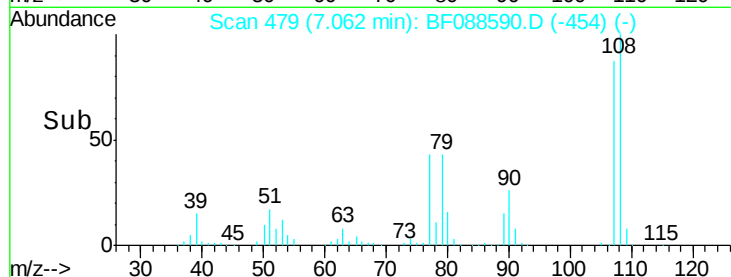
Instrument :
BNA_F
ClientSampleId :
PB91760BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	159251		
108	114.9	90.9	136.3	
77	48.8	36.6	55.0	
79	49.2	36.5	54.7	

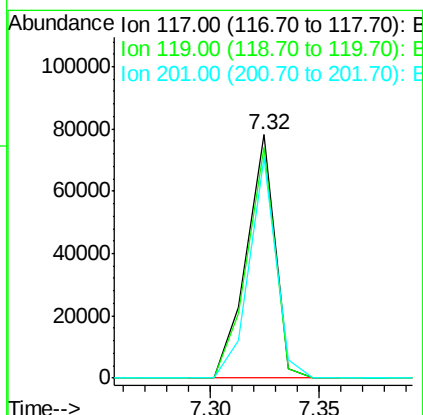
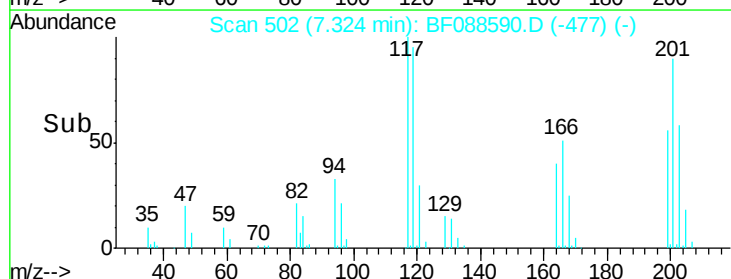
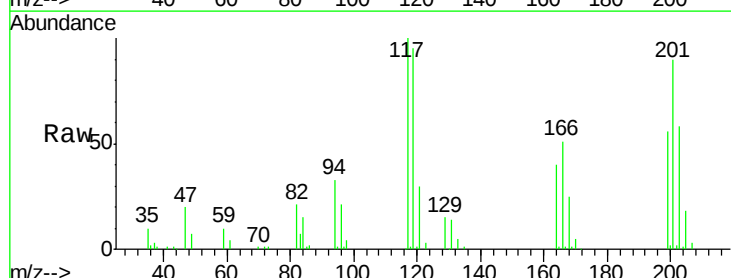
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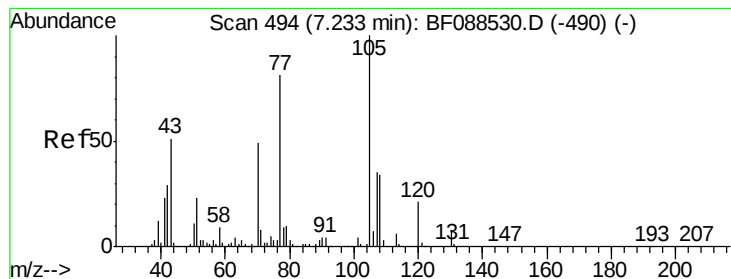
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#18
Hexachloroethane
Concen: 17.99 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71156		
119	95.0	77.4	116.2	
201	90.4	80.4	120.6	





#19

n-Nitroso-di-n-propylamine

Concen: 18.76 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

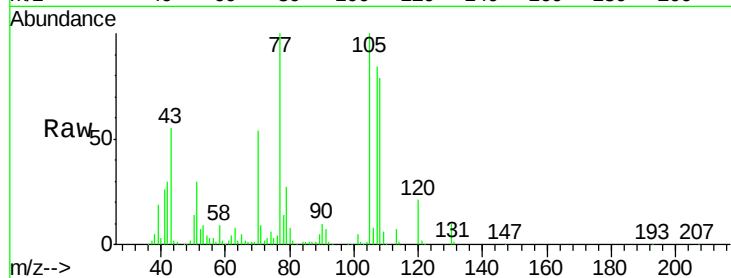
ClientSampleId :

PB91760BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.4	49.6	74.4
101	9.0	7.1	10.7
130	18.0	15.4	23.2

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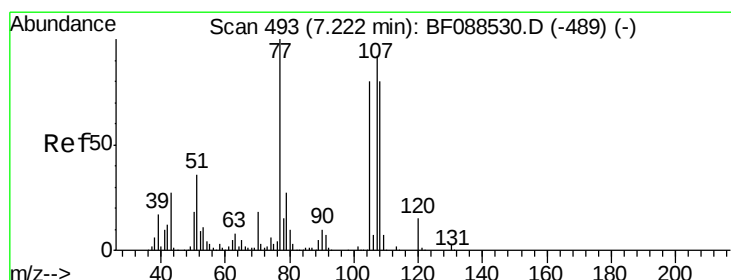
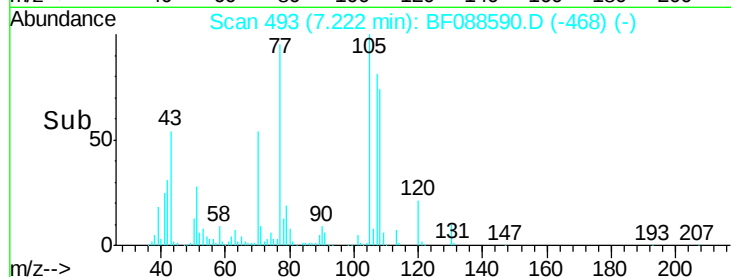
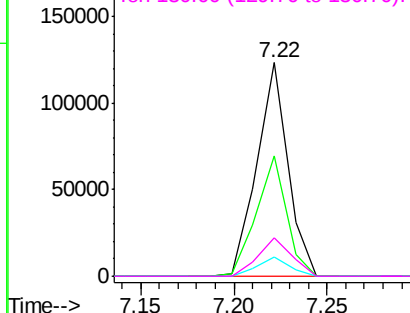
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 23.05 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	67.8	107.8
77	118.4	59.3	99.3#
79	31.7	7.0	47.0

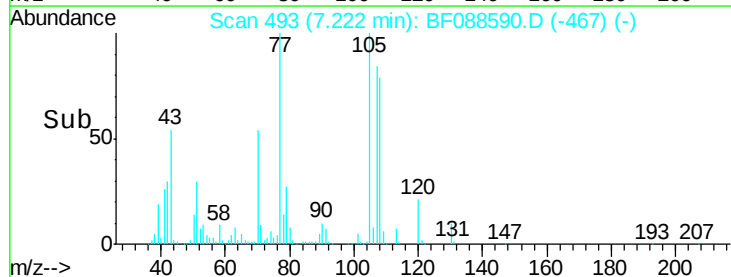
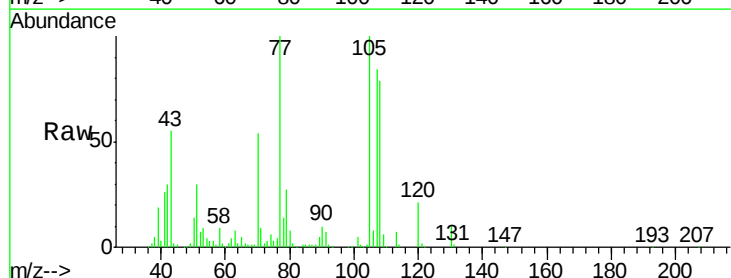
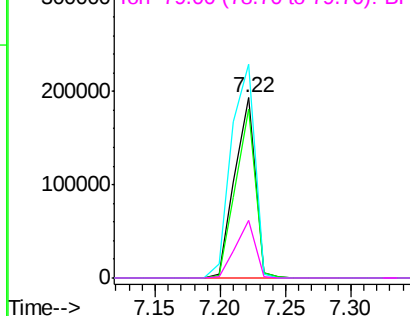
Abundance

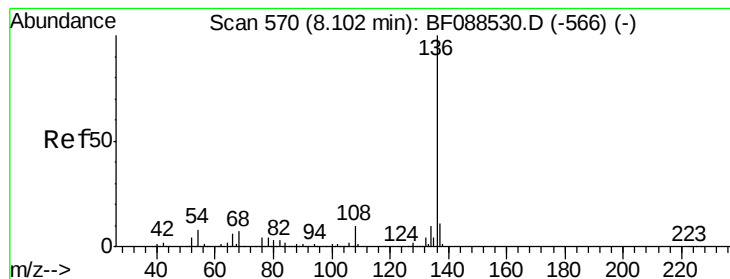
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





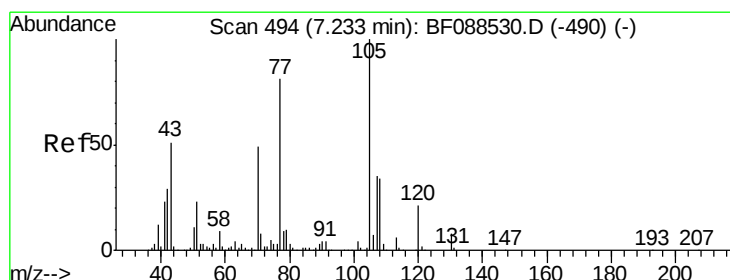
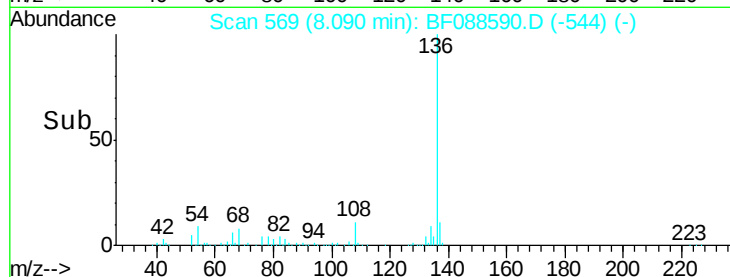
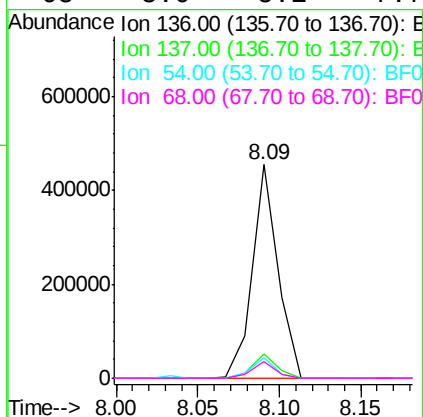
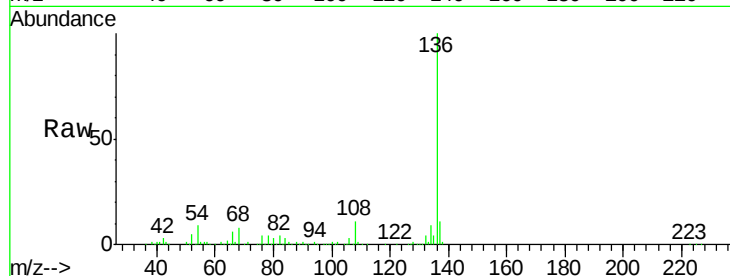
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	492587		
137	11.2	9.1	13.7	
54	9.4	6.6	10.0	
68	8.0	5.1	7.7#	

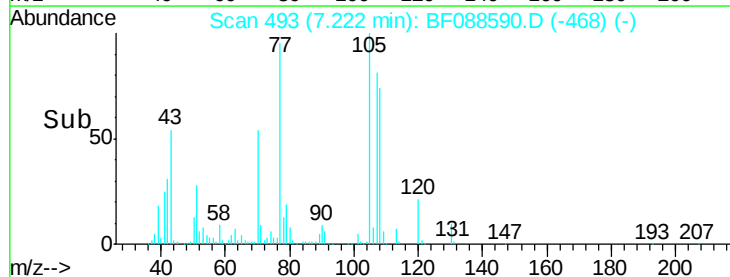
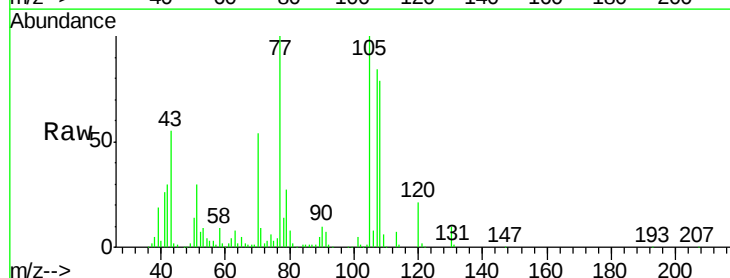
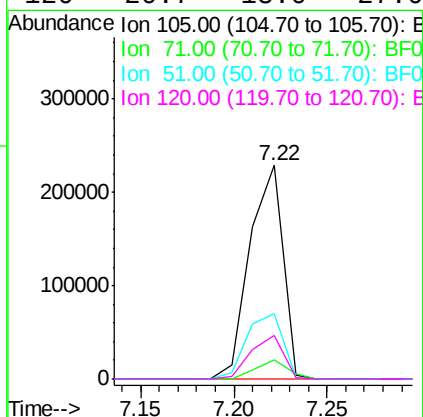
Manual Integrations
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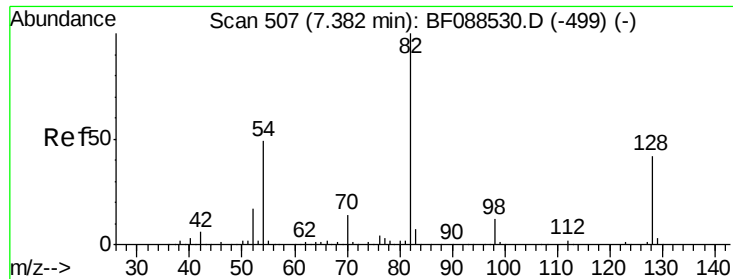
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#22
Acetophenone
Concen: 23.57 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281747		
71	9.2	5.3	7.9#	
51	30.3	18.2	27.4#	
120	20.7	18.0	27.0	





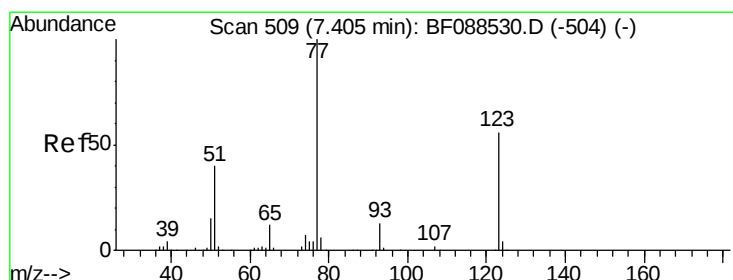
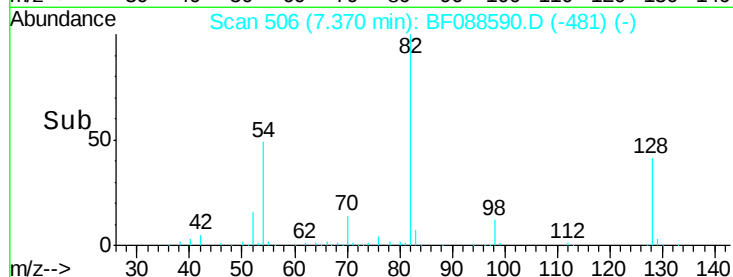
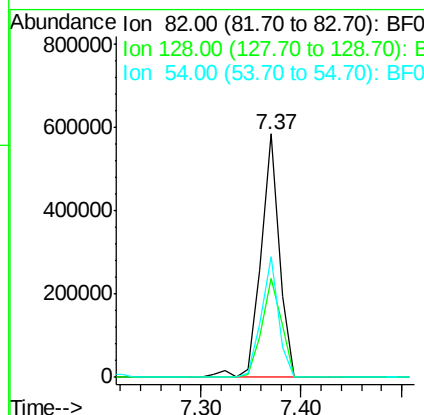
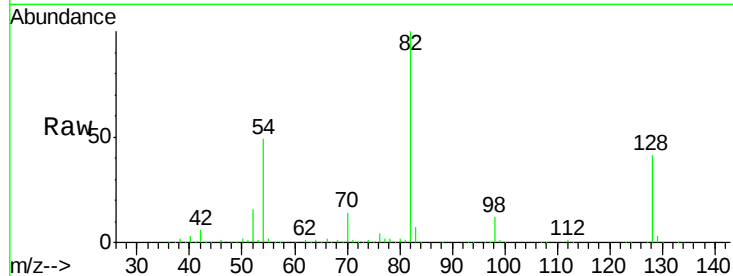
#23
Nitrobenzene-d5
Concen: 78.91 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	741711		
128	40.8	35.9	53.9	
54	49.4	40.9	61.3	

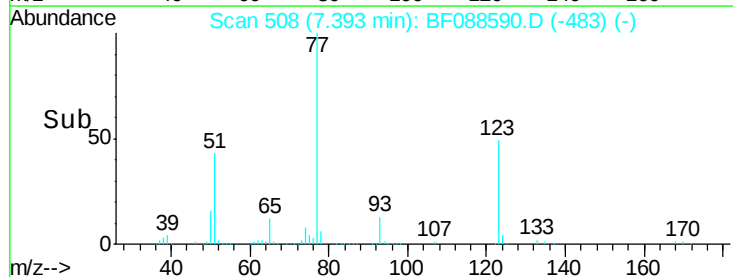
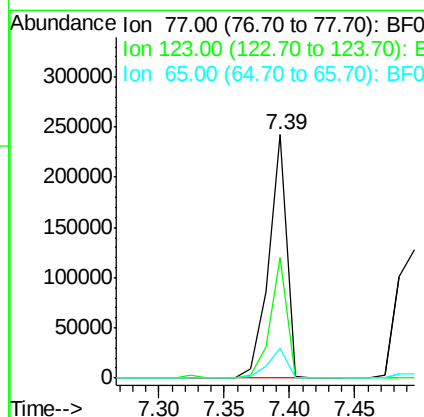
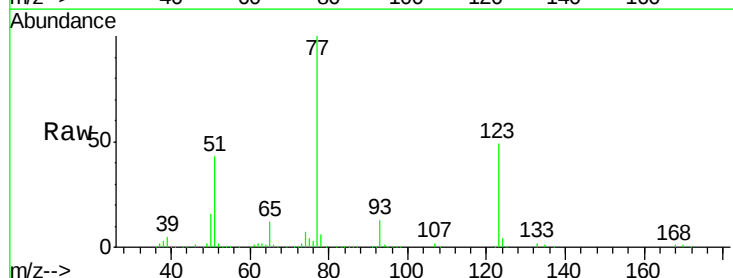
Manual Integrations
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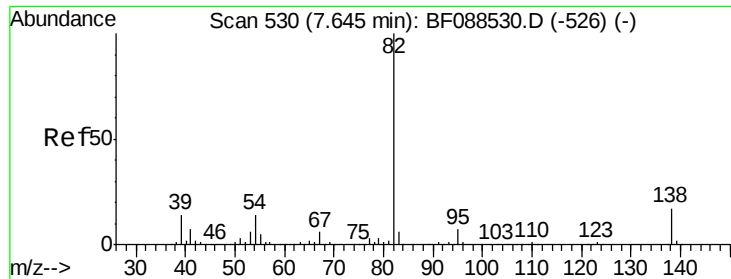
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#24
Nitrobenzene
Concen: 24.70 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	234121		
123	49.5	45.0	67.4	
65	12.2	10.2	15.2	





#25

Isophorone

Concen: 23.43 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

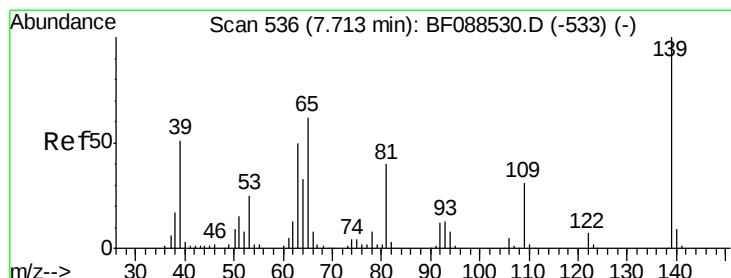
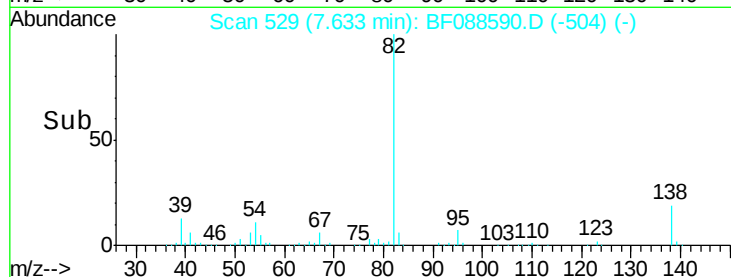
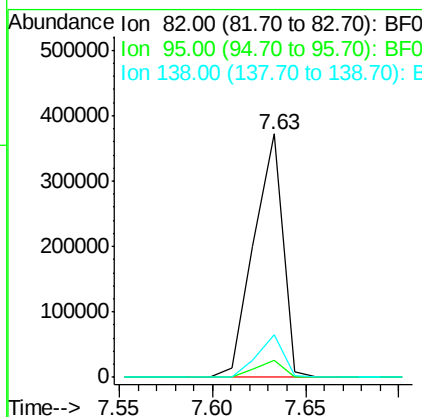
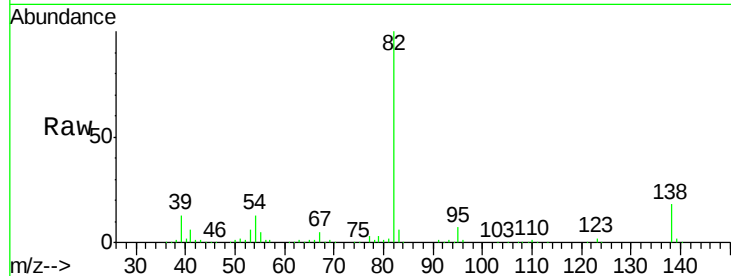
ClientSampleId :

PB91760BS

Tgt Ion:	82	Resp:	407914
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	17.6	14.6	21.8

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#26

2-Nitrophenol

Concen: 20.39 ng

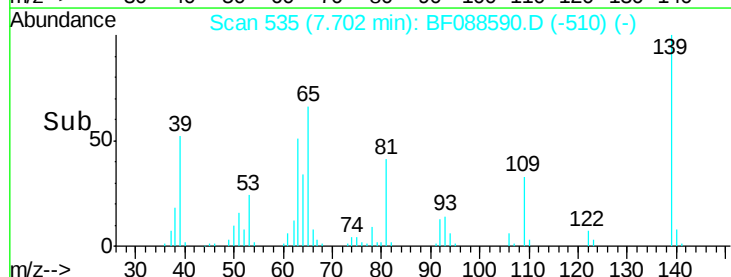
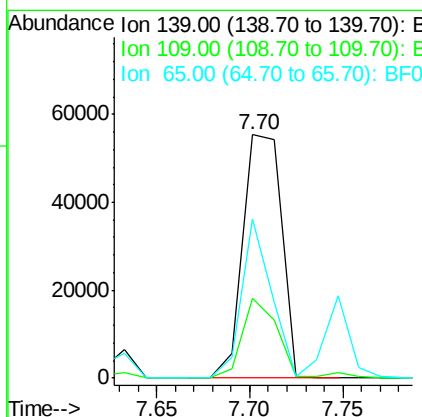
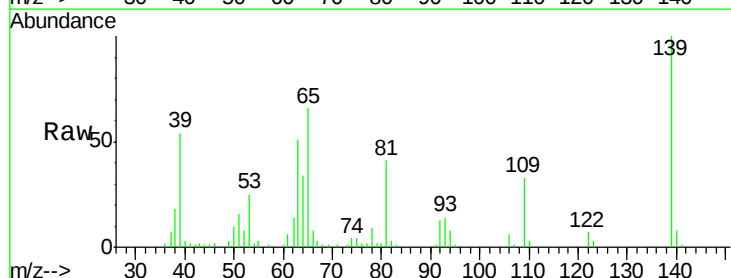
RT: 7.70 min Scan# 535

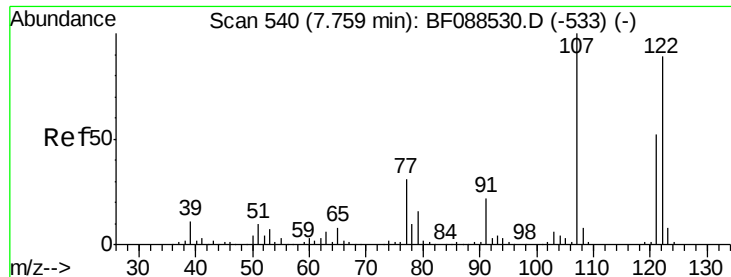
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	139	Resp:	79239
Ion Ratio		Lower	Upper
139	100		
109	32.7	23.0	34.4
65	65.5	45.8	68.8





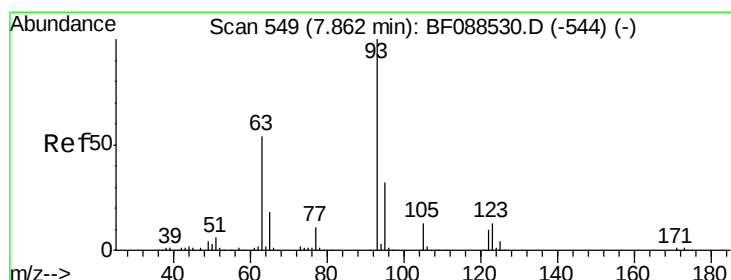
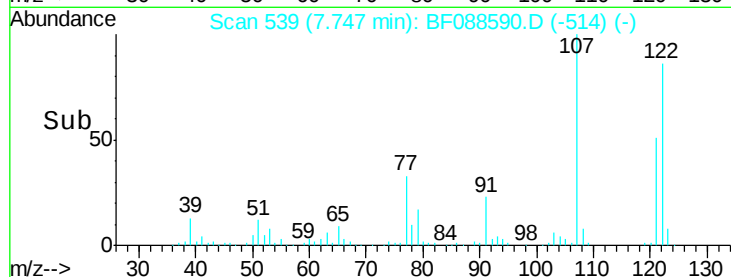
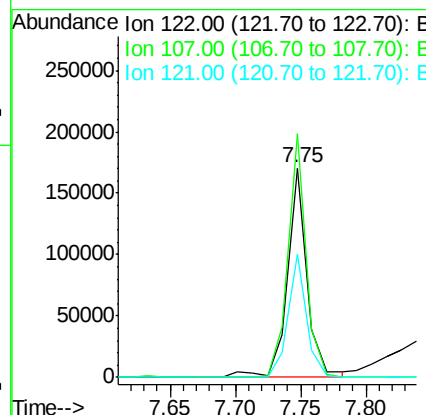
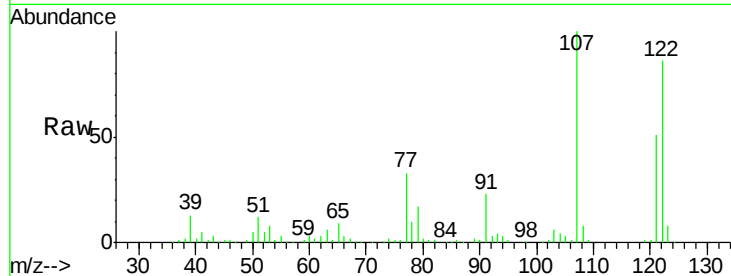
#27
2,4-Dimethylphenol
Concen: 22.20 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampled :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	179691		
107	116.4	82.4	123.6	
121	58.9	46.3	69.5	

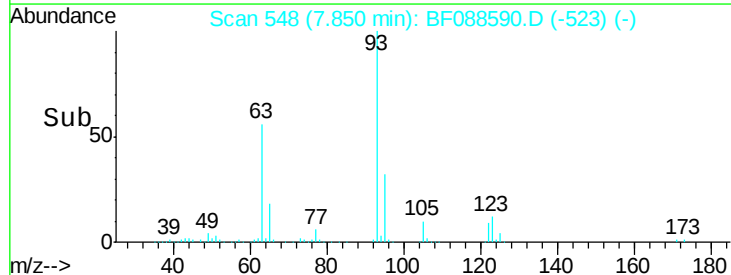
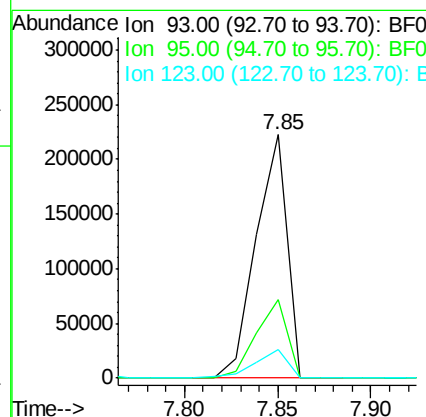
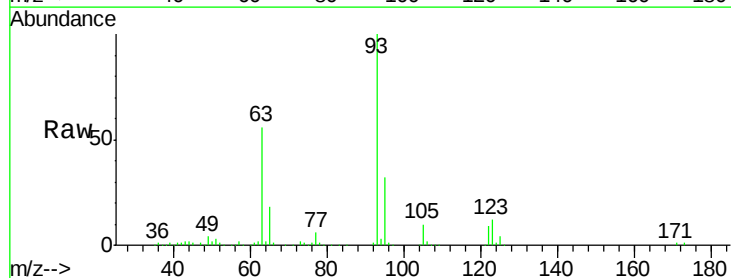
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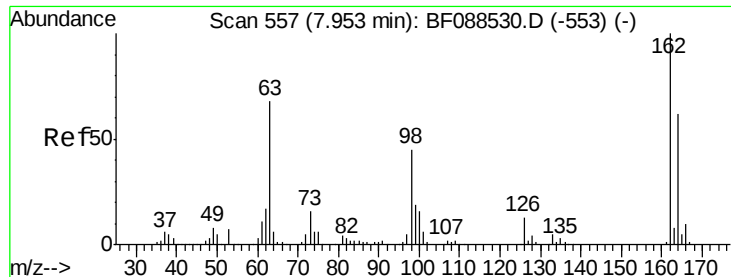
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#28
bis(2-Chloroethoxy)methane
Concen: 22.58 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	255873		
95	32.0	26.5	39.7	
123	11.6	11.6	17.4#	





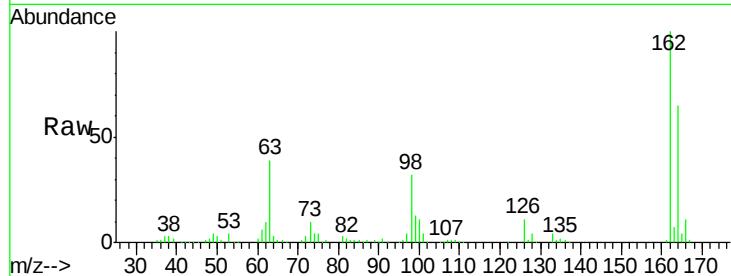
#29
2,4-Dichlorophenol
Concen: 24.08 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

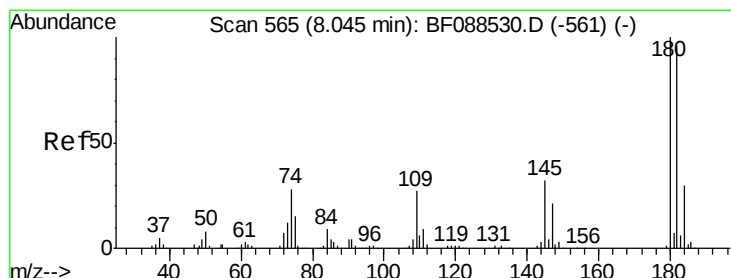
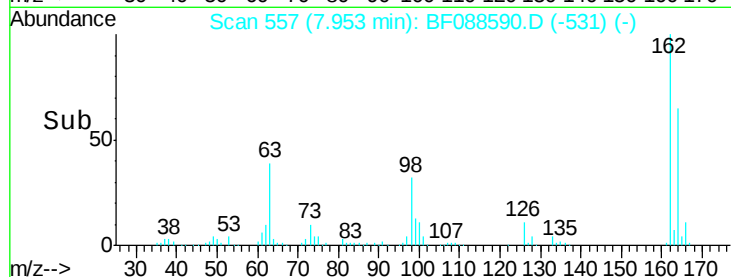
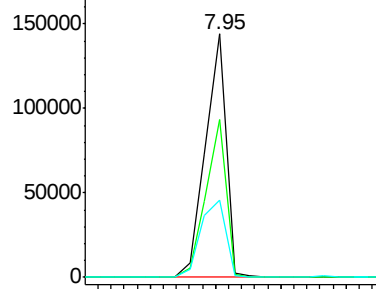
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	157552		
164	65.1	43.8	83.8	
98	31.7	21.3	61.3	

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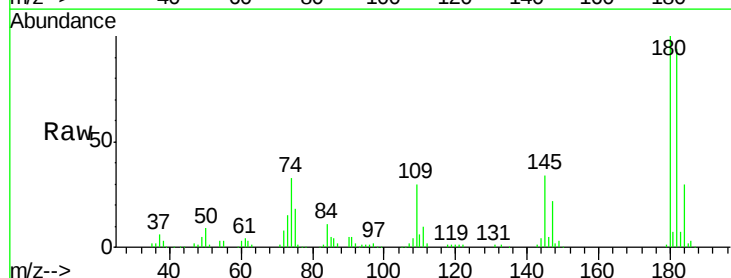


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

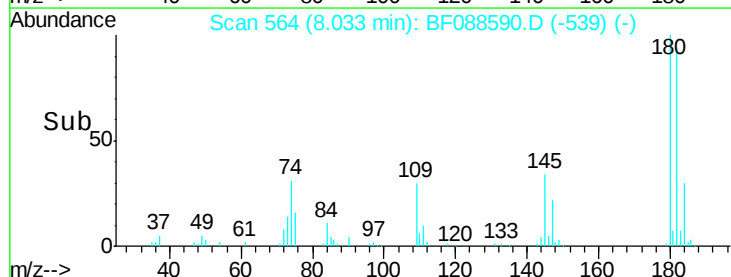
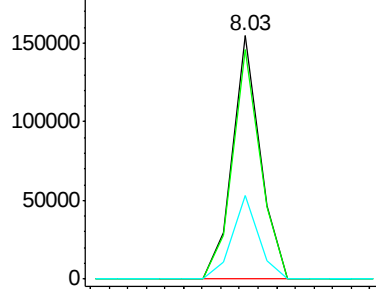


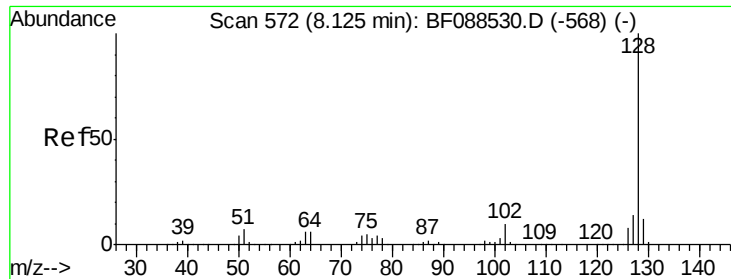
#30
1,2,4-Trichlorobenzene
Concen: 22.04 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158239		
182	94.0	76.0	114.0	
145	34.1	26.5	39.7	



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





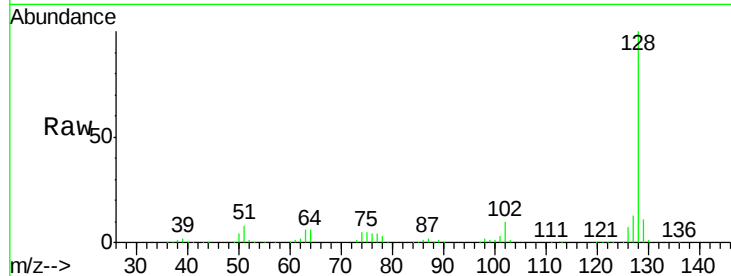
#31
Naphthalene
Concen: 22.36 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

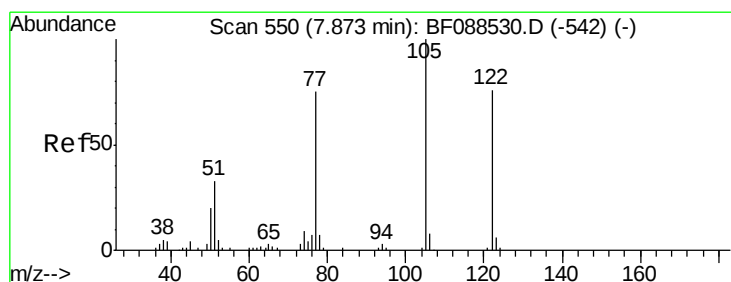
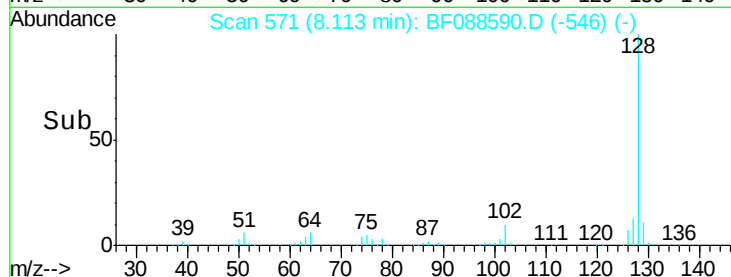
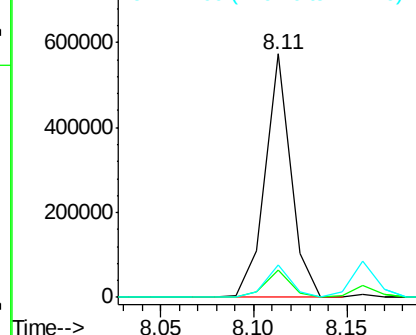
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	9.4	14.2
127	13.2	10.9	16.3

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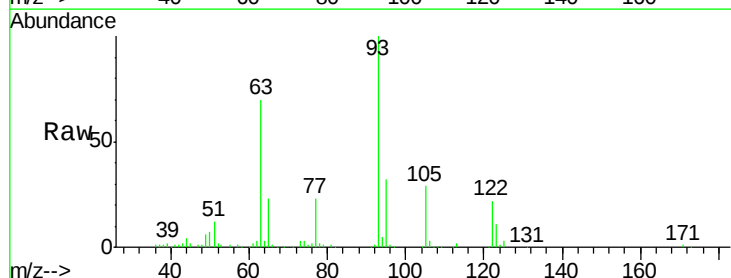


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

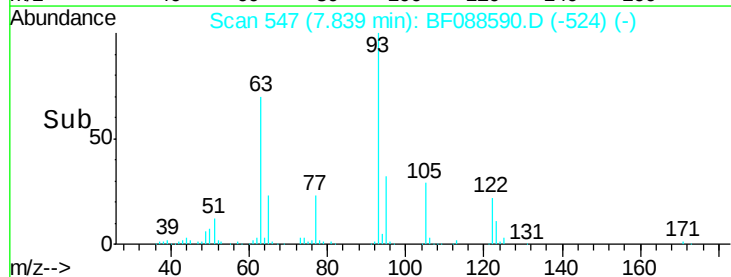
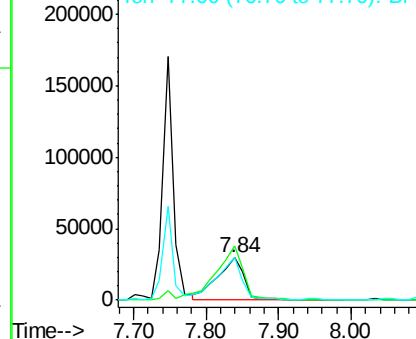


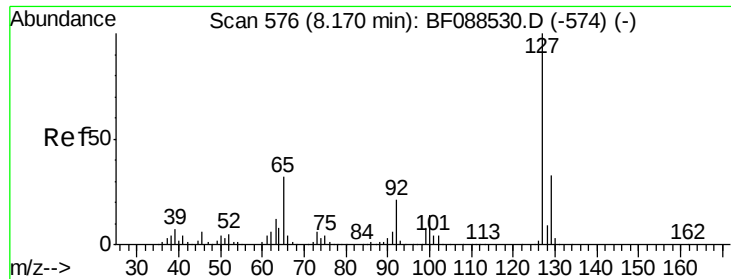
#32
Benzoic acid
Concen: 13.22 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.8	101.6	141.6
77	101.9	70.6	110.6



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





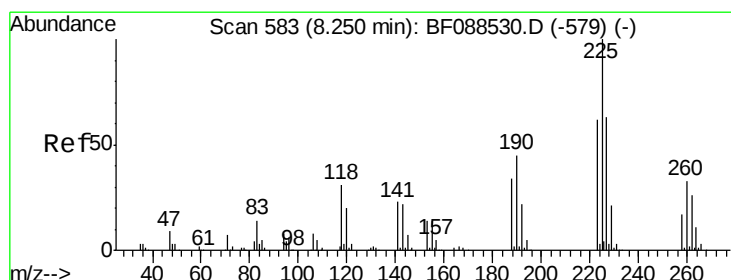
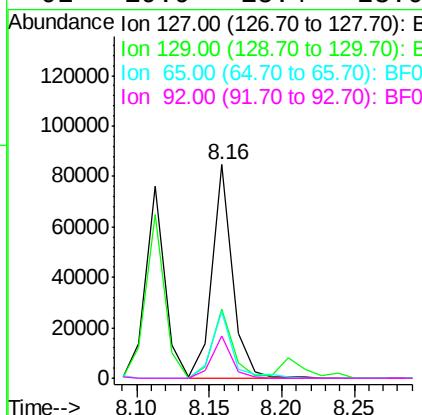
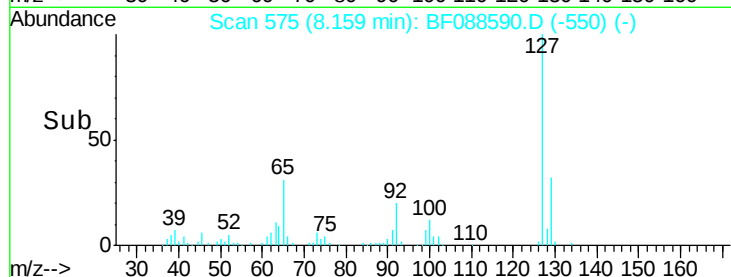
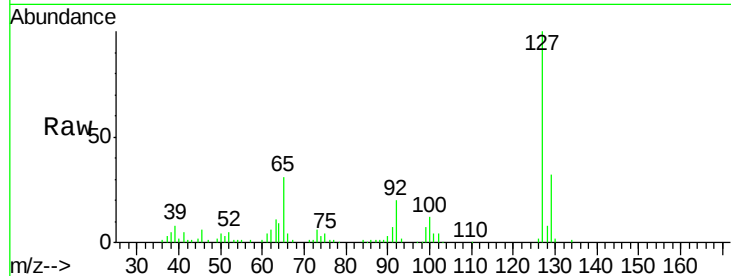
#33
4-Chloroaniline
Concen: 7.61 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	82193		
129	32.3	26.3	39.5	
65	31.4	24.7	37.1	
92	19.9	15.4	23.0	

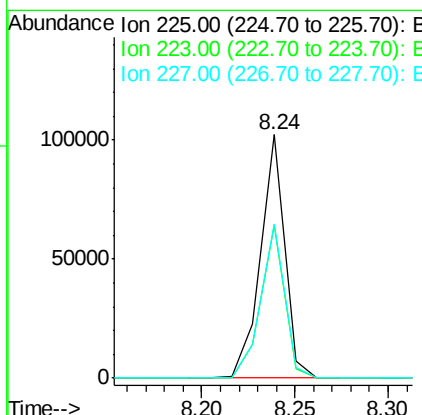
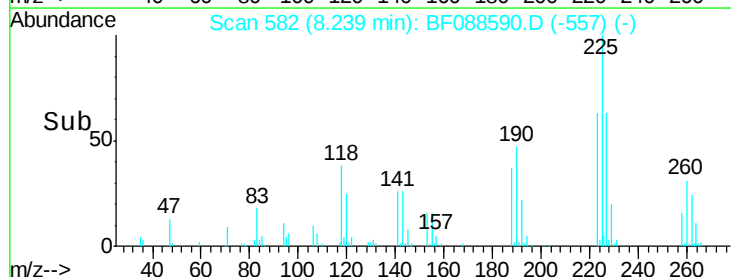
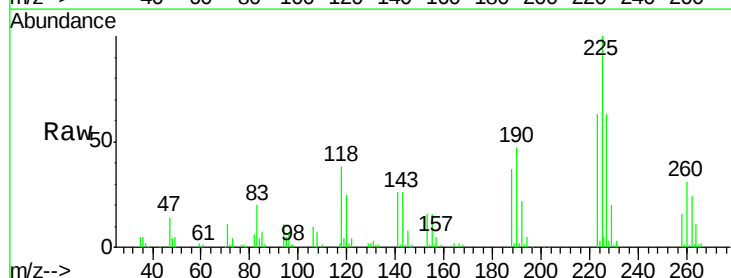
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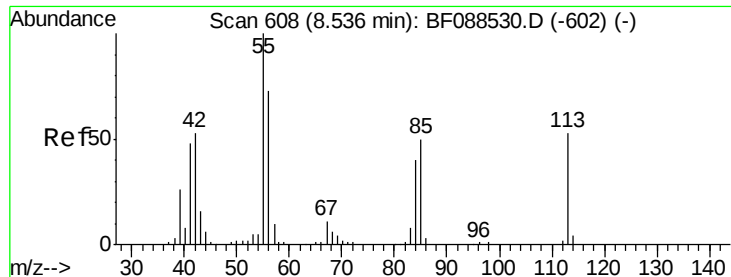
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#34
Hexachlorobutadiene
Concen: 23.61 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90772		
223	63.0	50.9	76.3	
227	63.1	51.9	77.9	





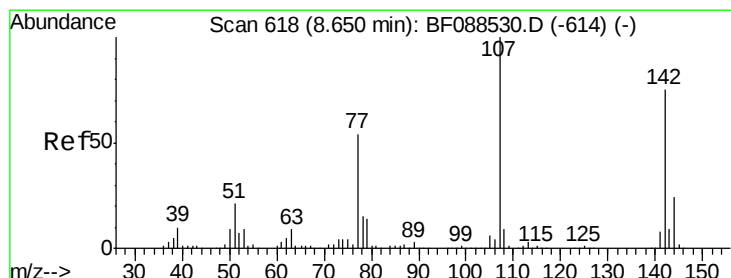
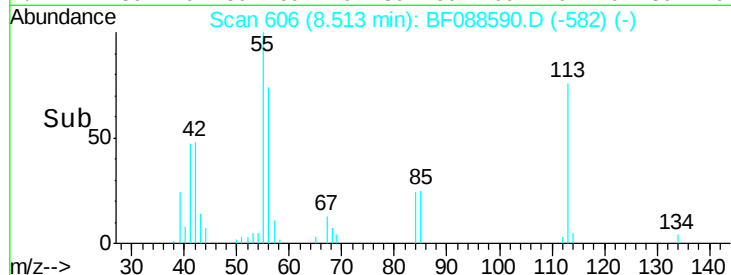
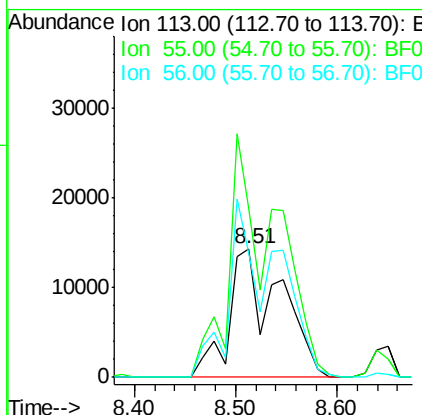
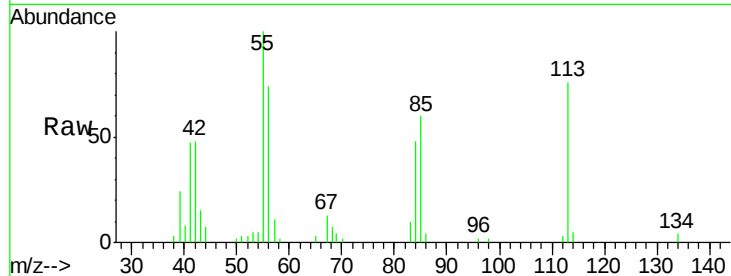
#35
Caprolactam
Concen: 22.82 ng m
RT: 8.51 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:113 Resp: 50711
Ion Ratio Lower Upper
113 100
55 131.0 158.6 198.6#
56 96.5 110.6 150.6#

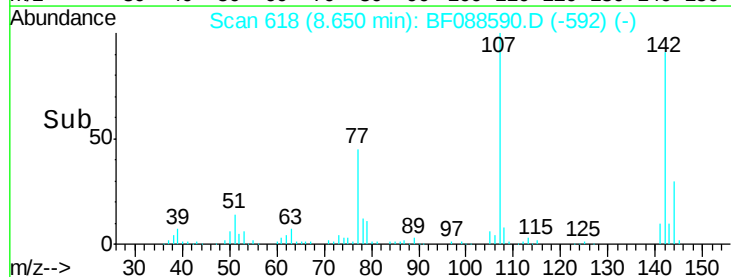
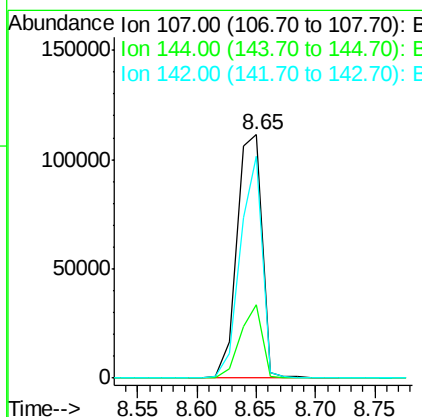
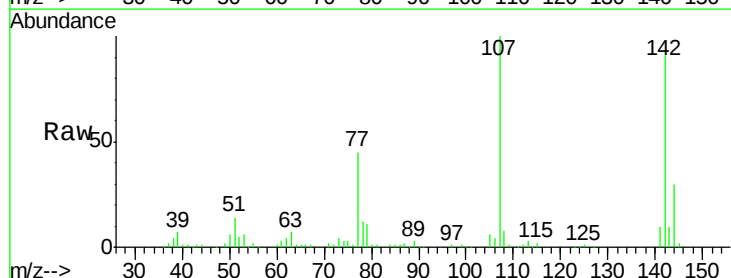
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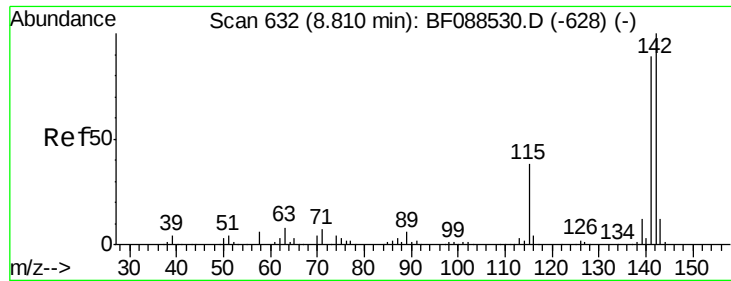
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#36
4-Chloro-3-methylphenol
Concen: 21.24 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:107 Resp: 164336
Ion Ratio Lower Upper
107 100
144 30.3 20.8 31.2
142 91.2 63.4 95.2





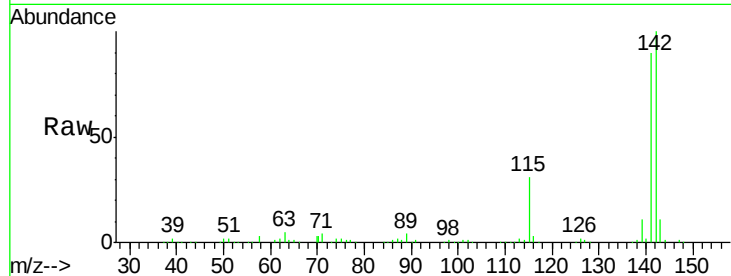
#37
 2-Methylnaphthalene
 Concen: 22.84 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

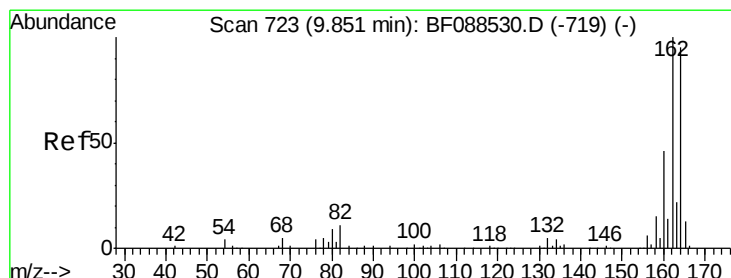
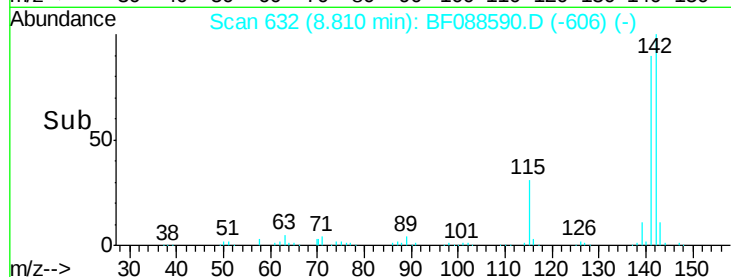
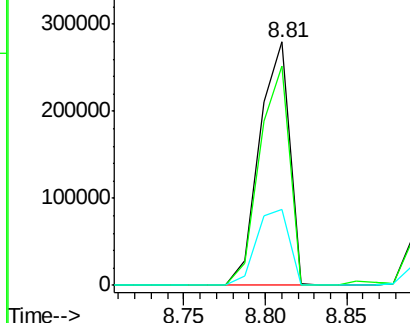
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	357097		
141	89.9	71.0	106.6	
115	31.2	22.6	33.8	

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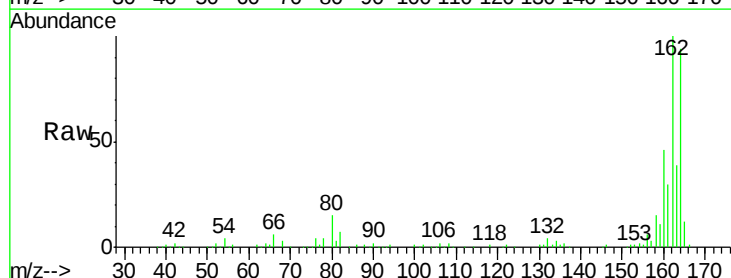


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

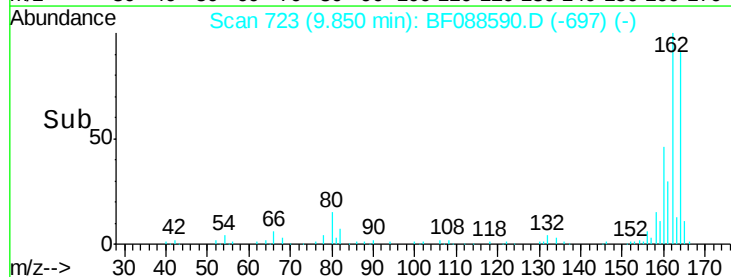
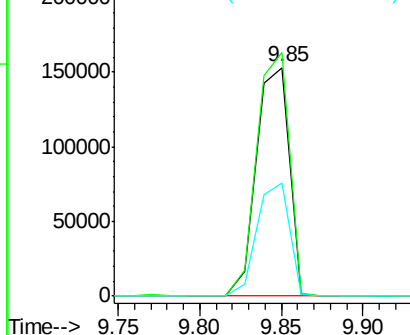


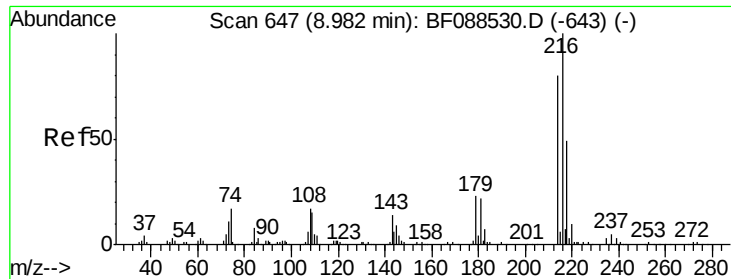
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215751		
162	106.5	85.4	128.2	
160	49.2	39.5	59.3	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





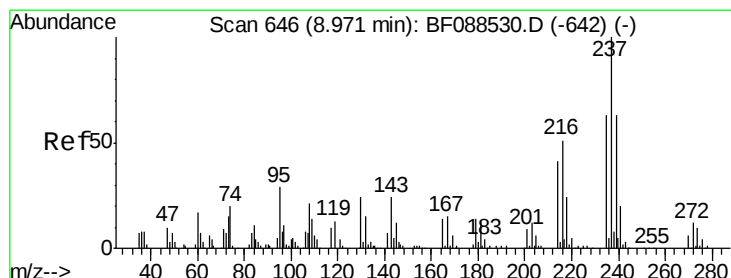
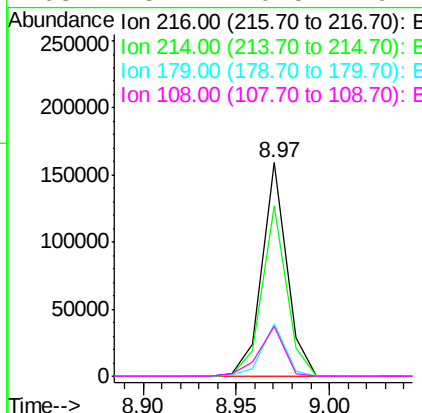
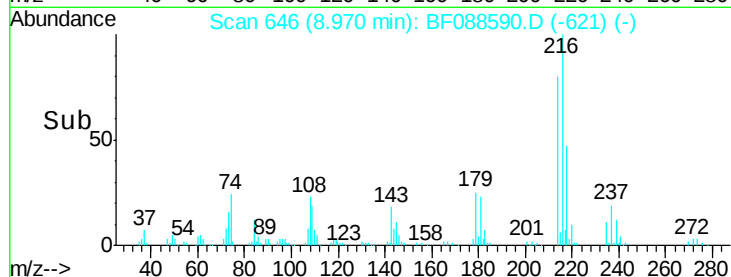
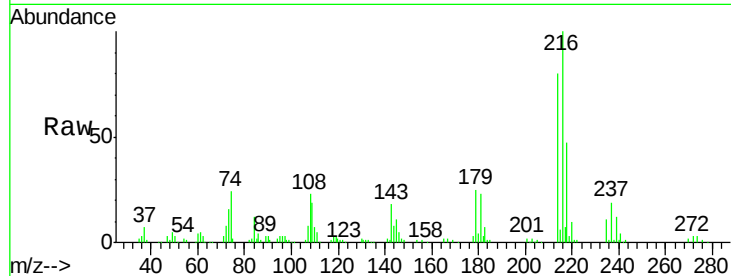
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.41 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	2.9	4.3#
179	23.4	0.0	0.0#
108	23.7	0.5	0.7#

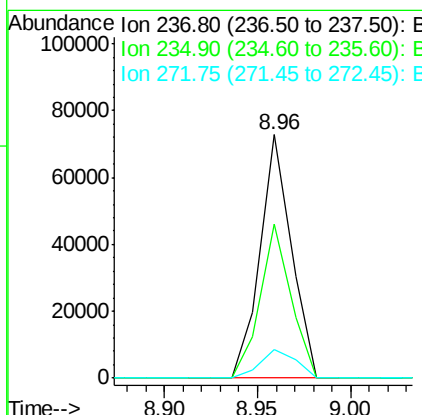
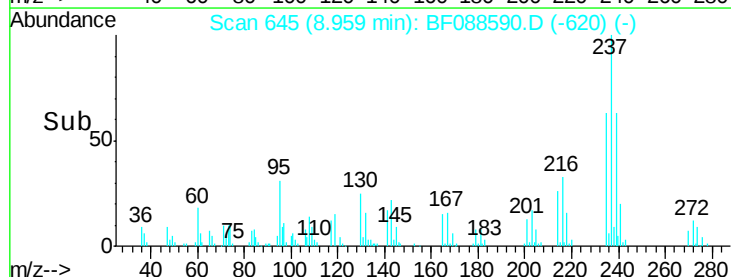
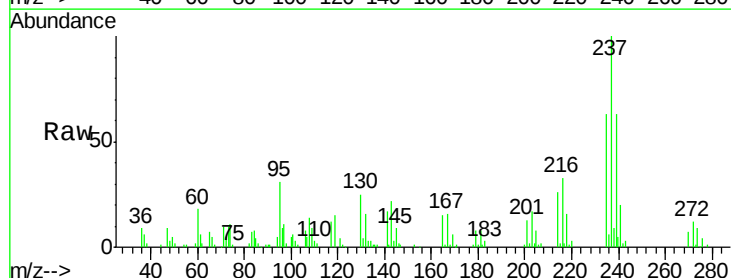
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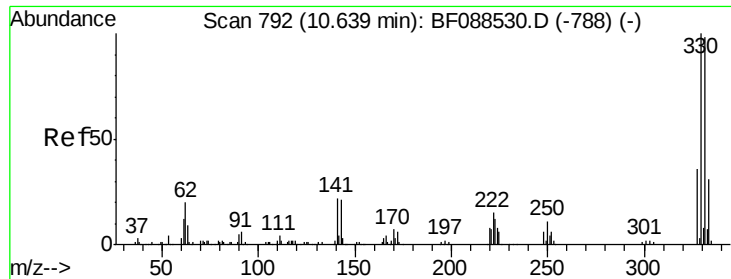
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#40
 Hexachlorocyclopentadiene
 Concen: 24.01 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.4	83.4
272	11.6	0.0	32.3





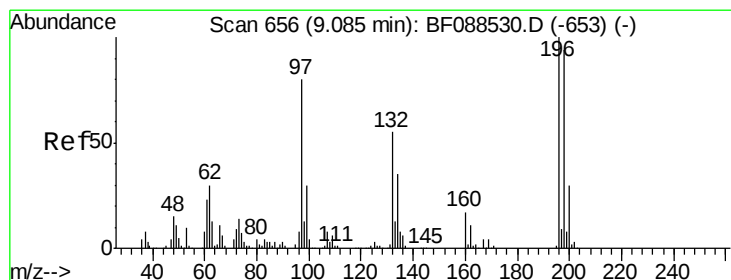
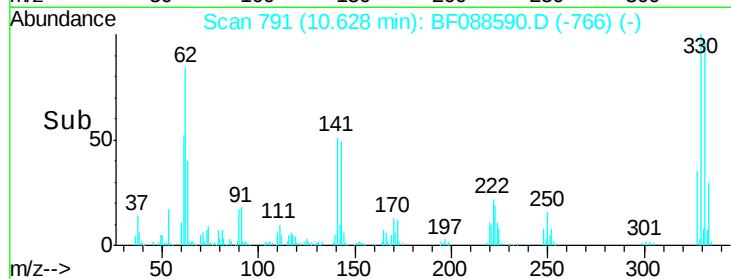
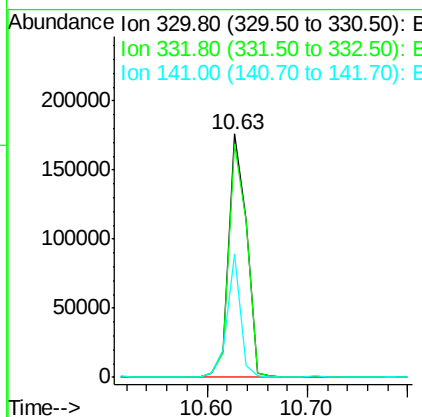
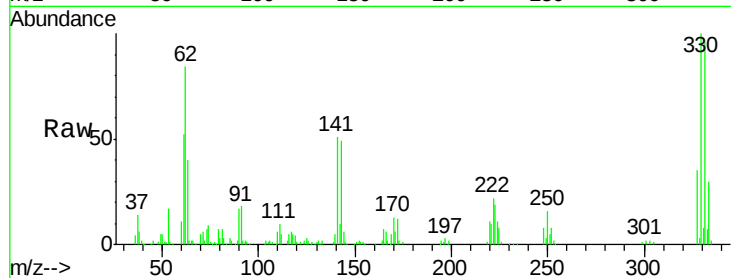
#41
 2,4,6-Tribromophenol
 Concen: 109.15 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	0.0	0.0#
141	38.1	0.0	0.0#

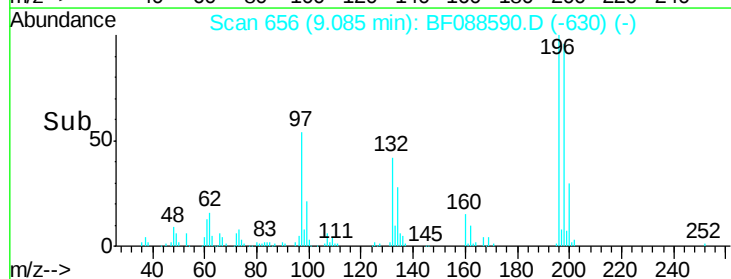
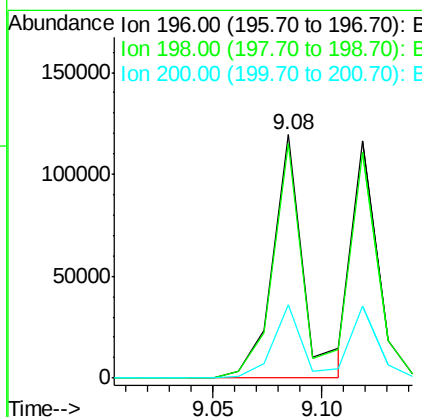
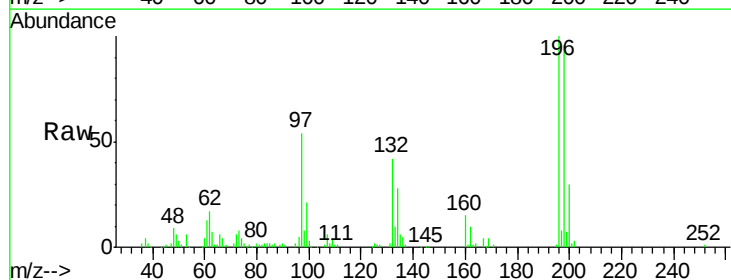
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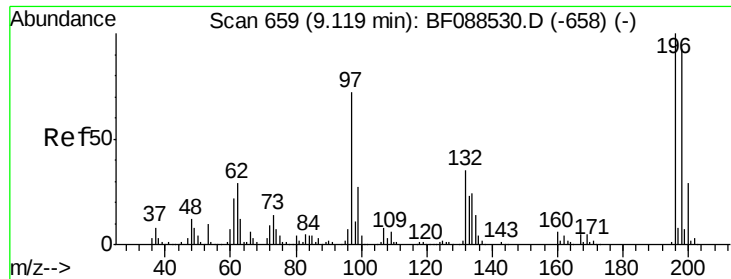
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#42
 2,4,6-Trichlorophenol
 Concen: 24.85 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

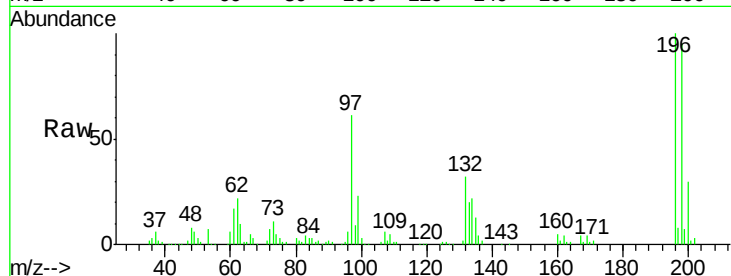
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.3	78.0	117.0
200	30.3	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 23.41 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

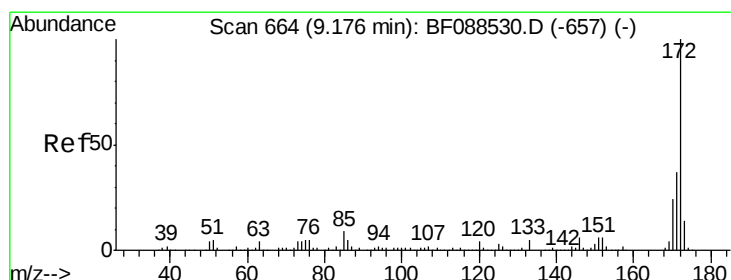
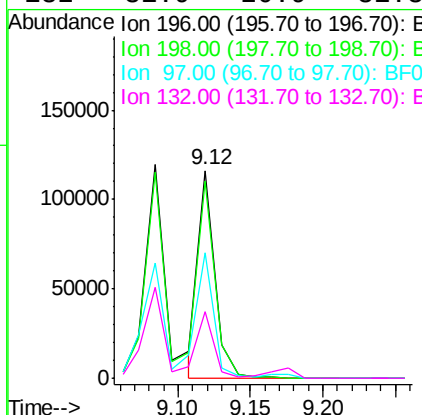
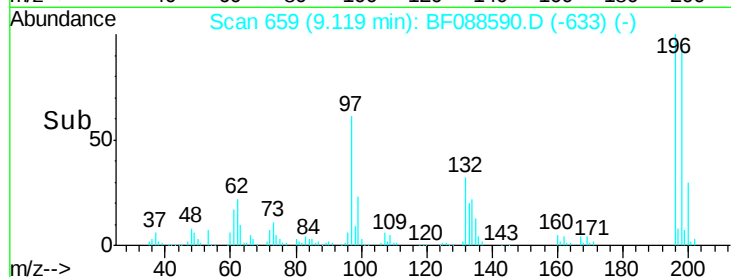
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS



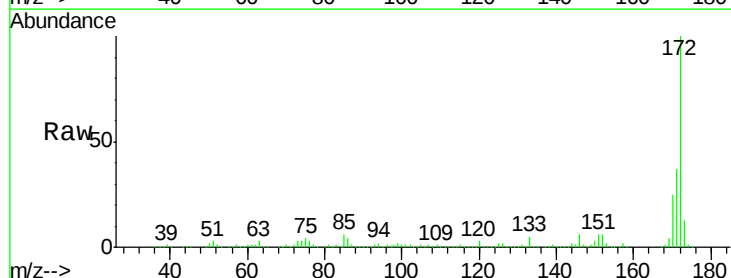
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95293		
198	95.1	77.5	116.3	
97	60.5	32.0	48.0	
132	31.9	20.9	31.3	

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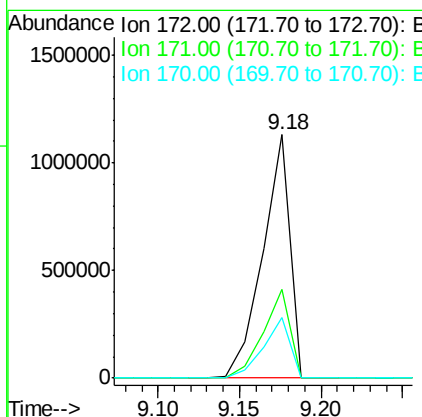
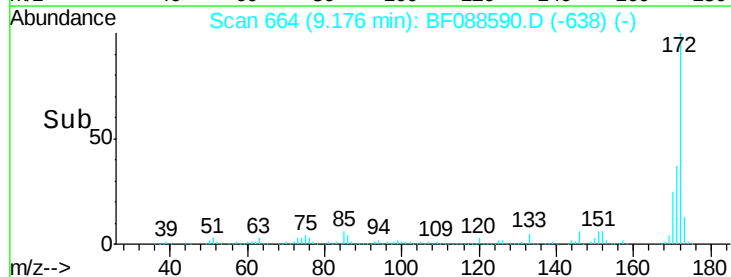
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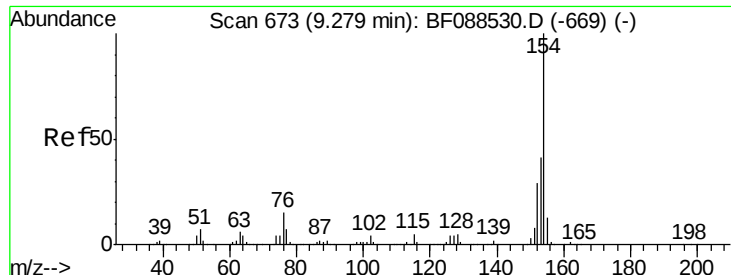


#44
 2-Fluorobiphenyl
 Concen: 95.95 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1310543		
171	36.6	28.6	43.0	
170	24.8	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 23.23 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

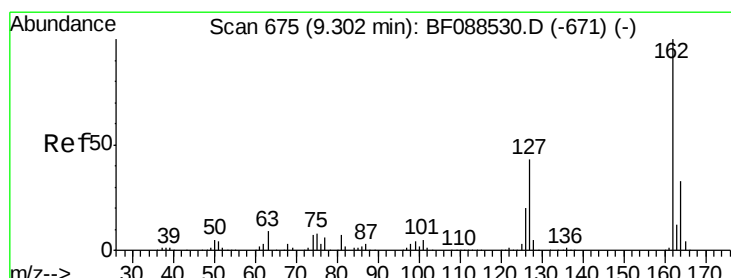
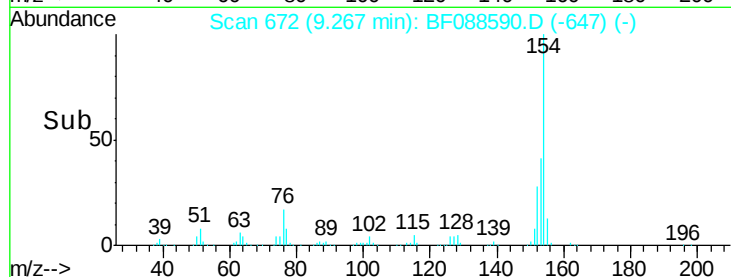
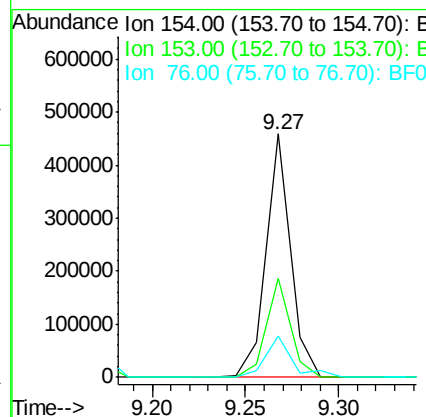
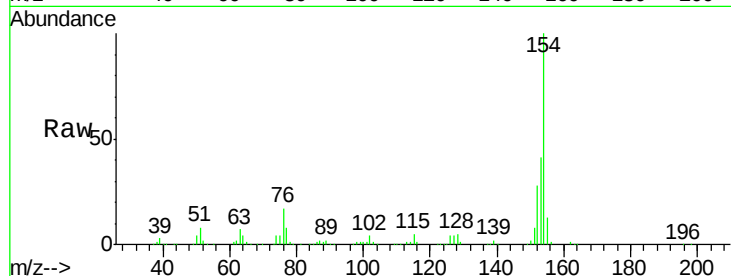
ClientSampleId :

PB91760BS

Tgt Ion:	154	Resp:	415037
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	17.0	0.0	35.1

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#46

2-Chloronaphthalene

Concen: 22.41 ng

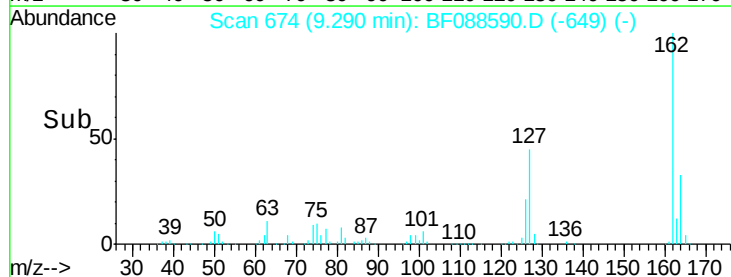
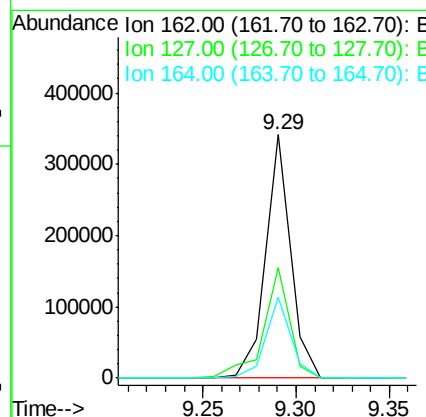
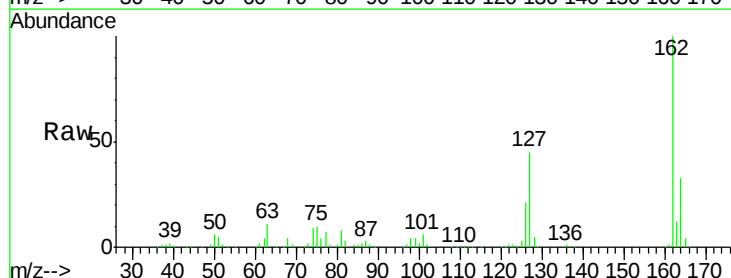
RT: 9.29 min Scan# 674

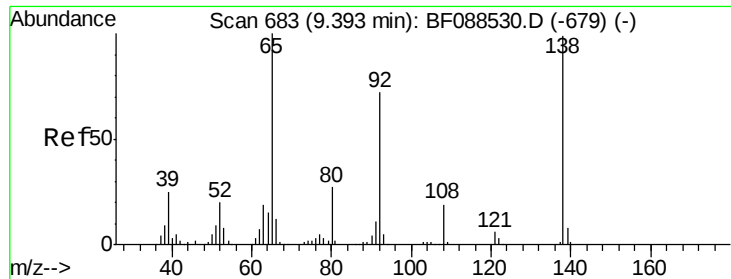
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	162	Resp:	314377
Ion Ratio	Lower	Upper	
162	100		
127	45.3	35.2	52.8
164	33.4	26.6	39.8





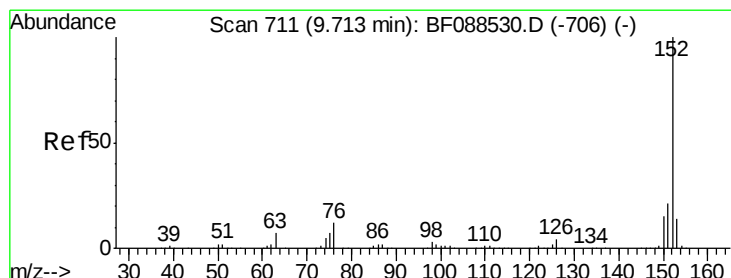
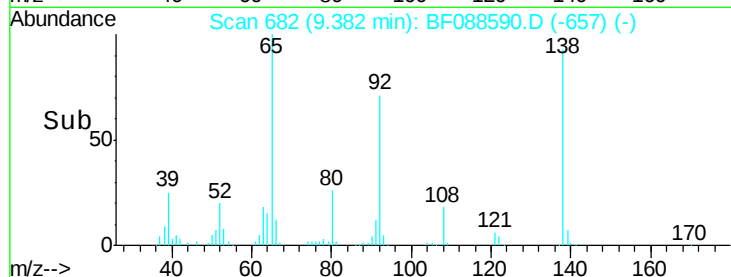
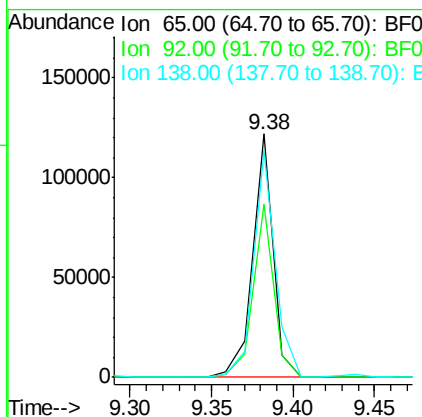
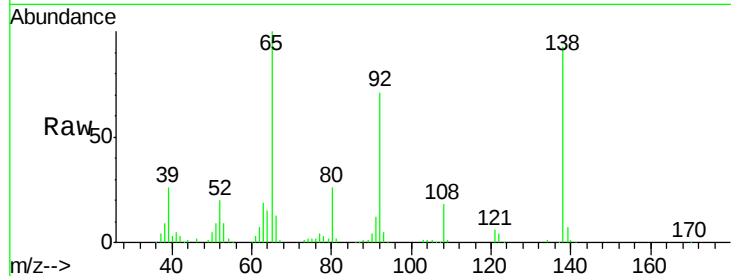
#47
 2-Nitroaniline
 Concen: 21.22 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	105628		
92	71.0	54.6	82.0	
138	93.0	77.0	115.4	

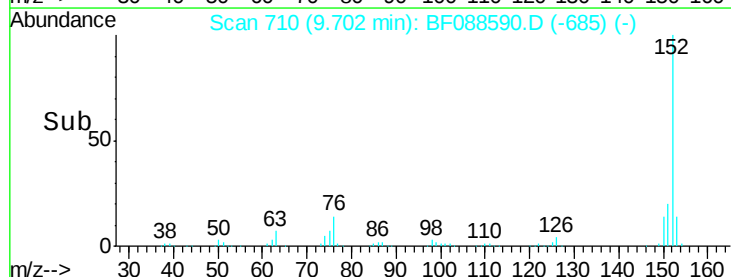
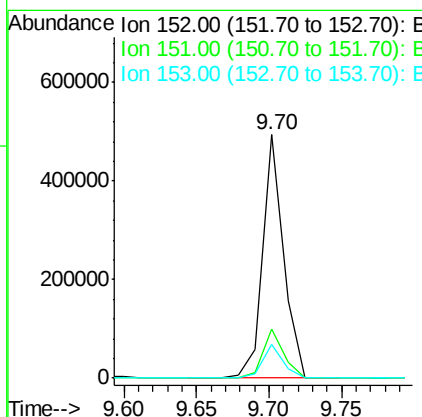
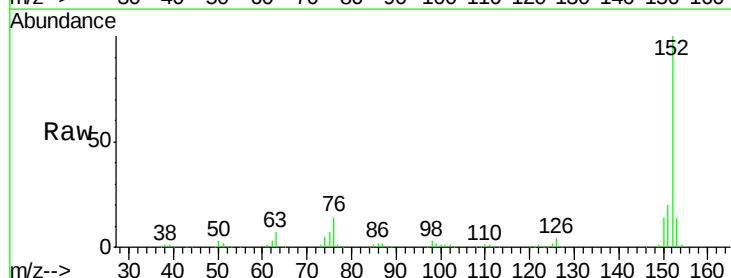
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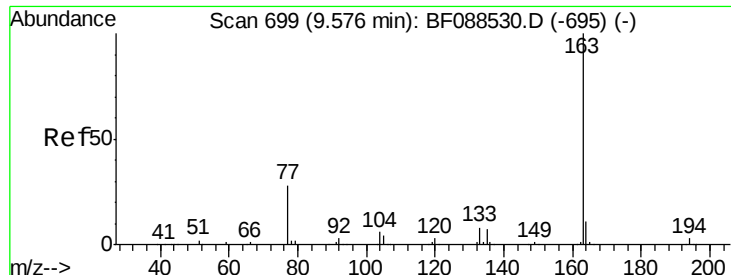
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#48
 Acenaphthylene
 Concen: 22.05 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	492026		
151	20.1	16.2	24.4	
153	13.6	11.0	16.6	





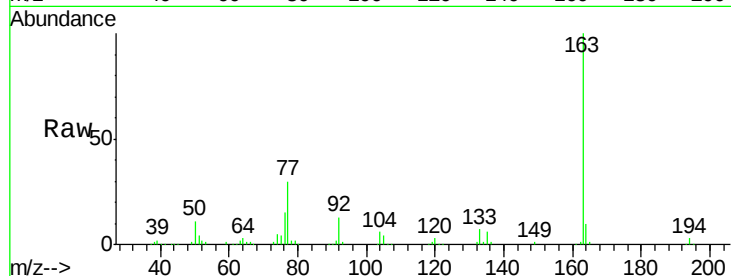
#49
Dimethylphthalate
Concen: 24.38 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

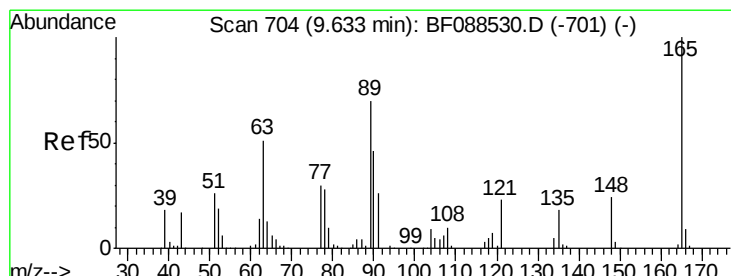
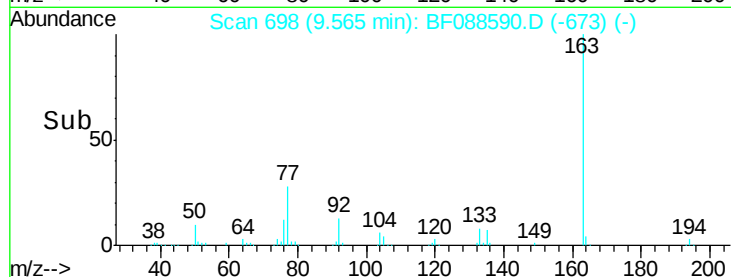
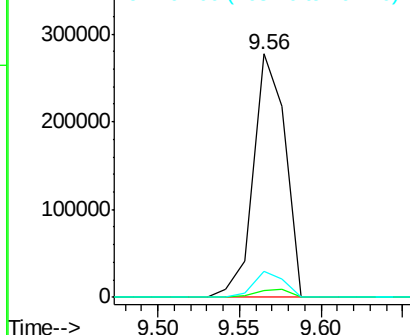
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.8	4.2
164	10.5	8.3	12.5

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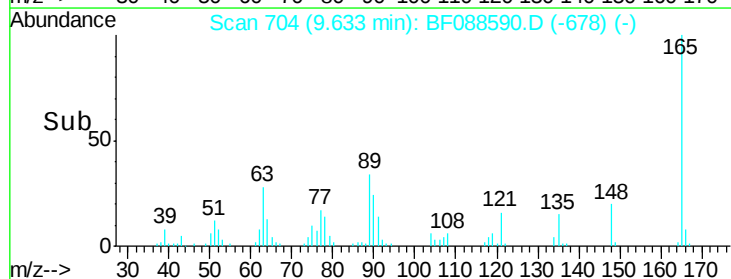
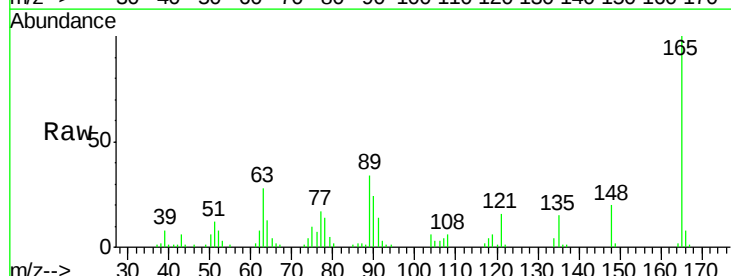
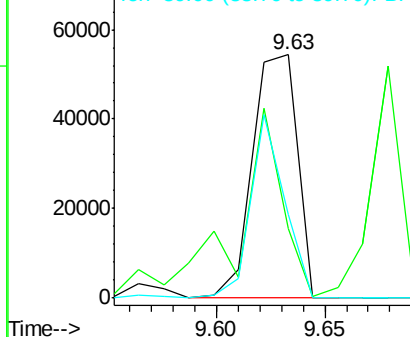
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

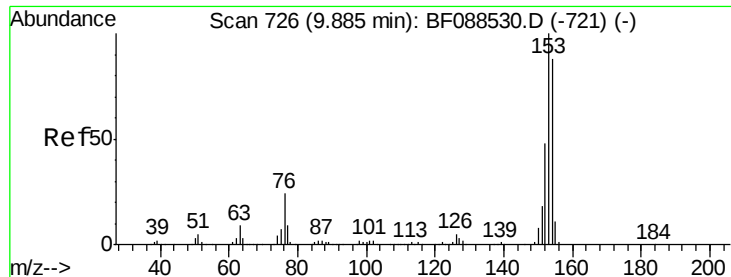


#50
2,6-Dinitrotoluene
Concen: 23.01 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	28.3	28.1	42.1
89	34.5	32.2	48.2

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





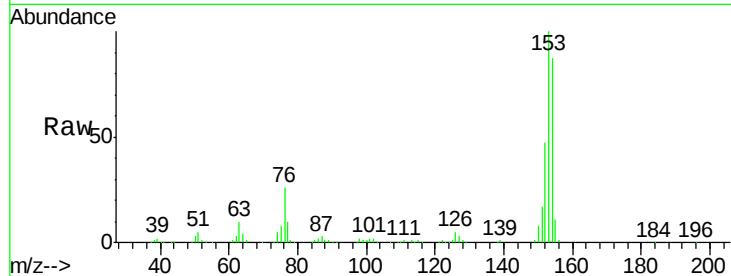
#51
Acenaphthene
Concen: 21.53 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

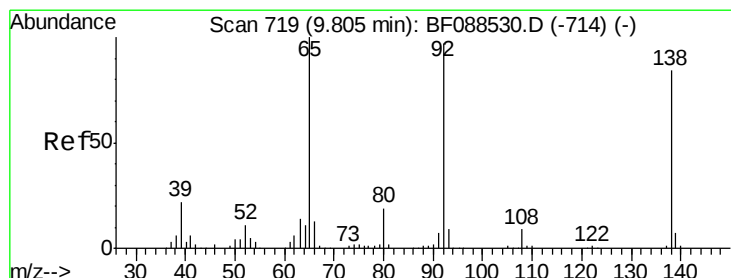
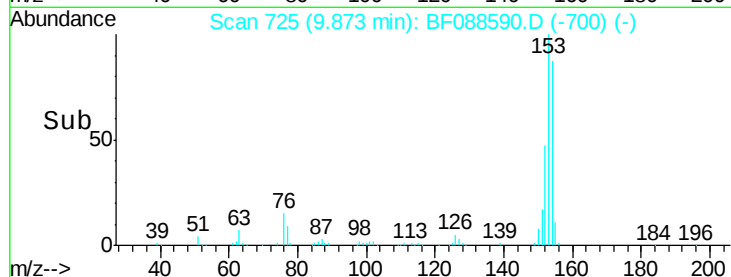
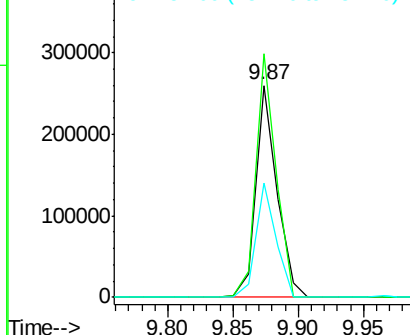
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	294461		
153	114.9	89.5	134.3	
152	54.2	42.7	64.1	

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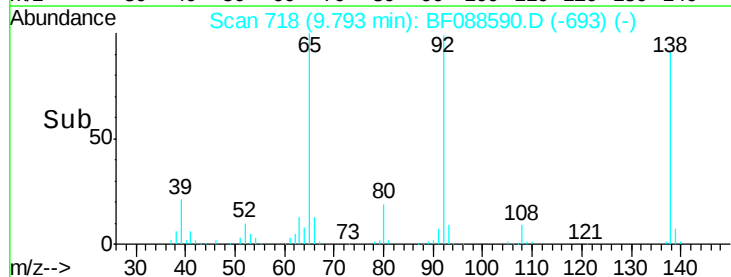
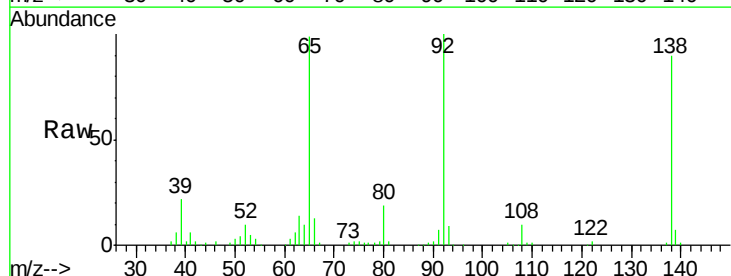
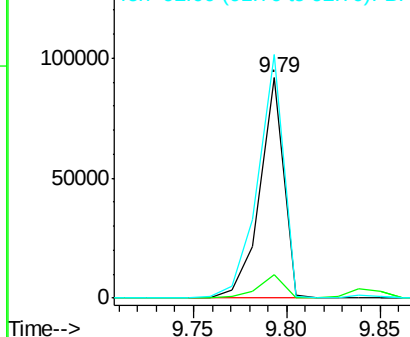
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

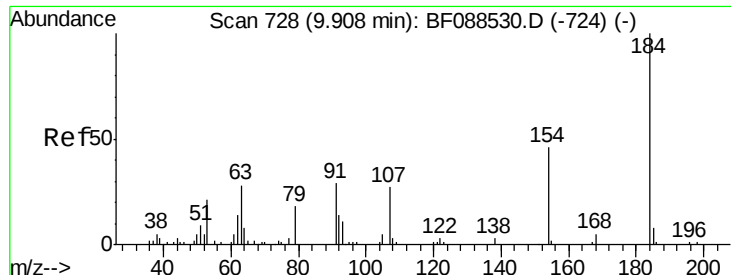


#52
3-Nitroaniline
Concen: 18.66 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	80789		
108	10.5	8.5	12.7	
92	110.6	95.7	143.5	

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





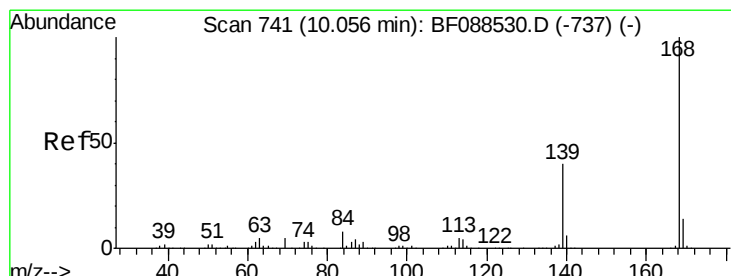
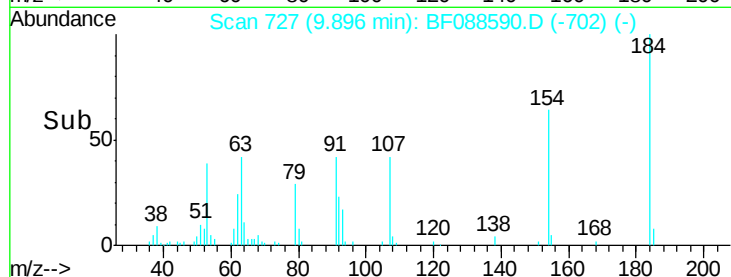
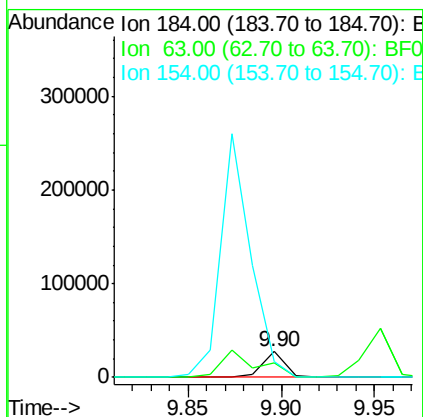
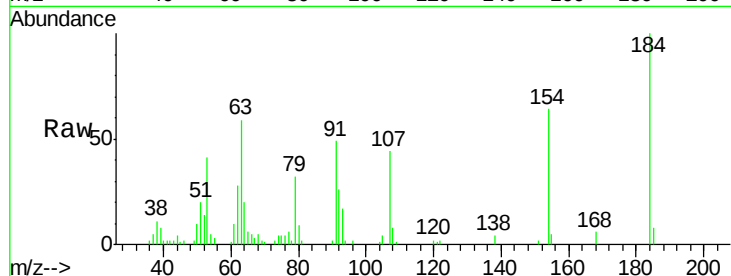
#53
2,4-Dinitrophenol
Concen: 14.96 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	22507		
63	59.0		57.6	86.4
154	64.4		53.5	80.3

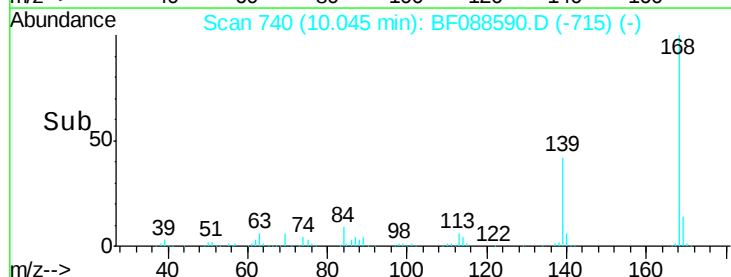
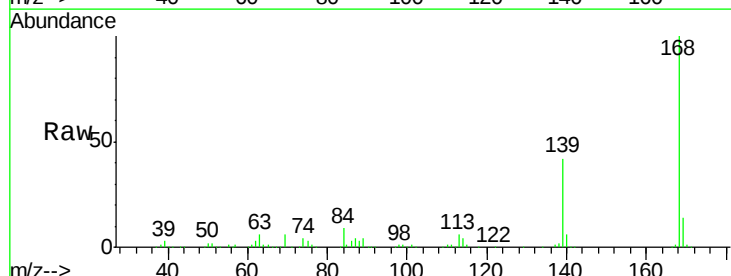
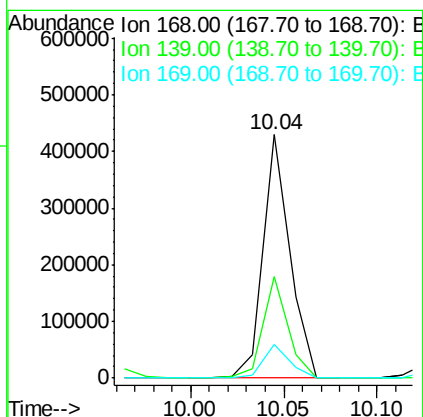
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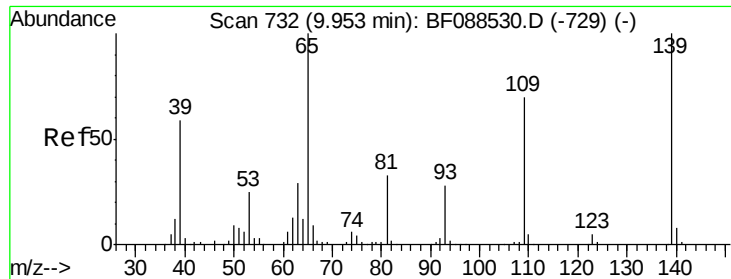
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#54
Dibenzofuran
Concen: 23.68 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	423910		
139	41.6		26.4	39.6#
169	13.8		10.4	15.6





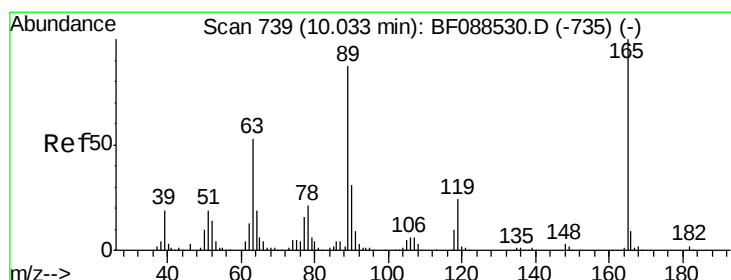
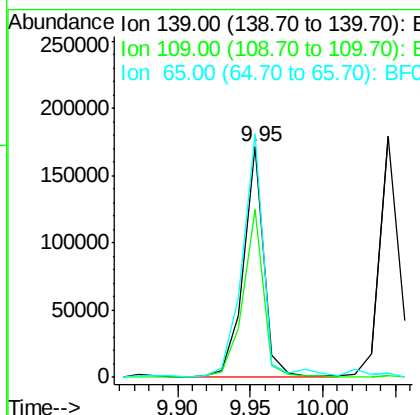
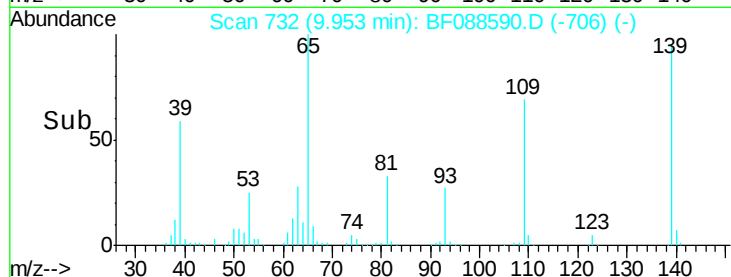
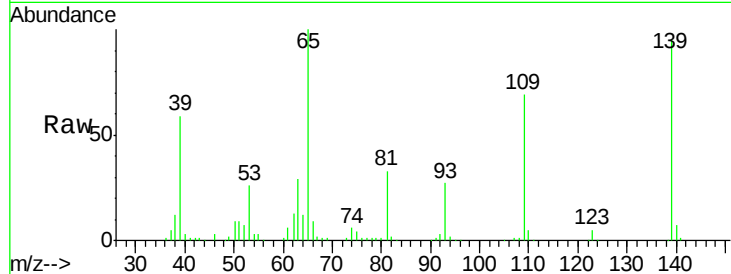
#55
4-Nitrophenol
Concen: 51.58 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	169757		
109	72.7	48.9	88.9	
65	105.6	84.9	124.9	

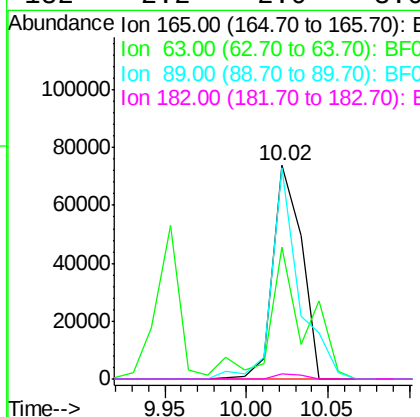
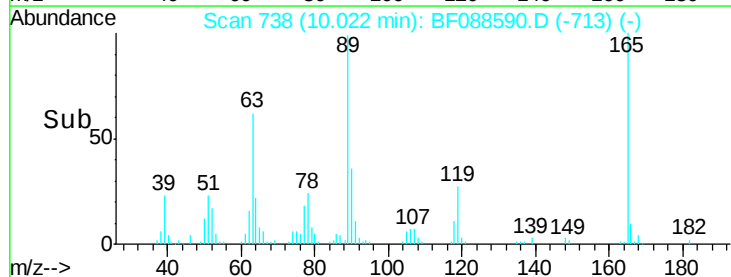
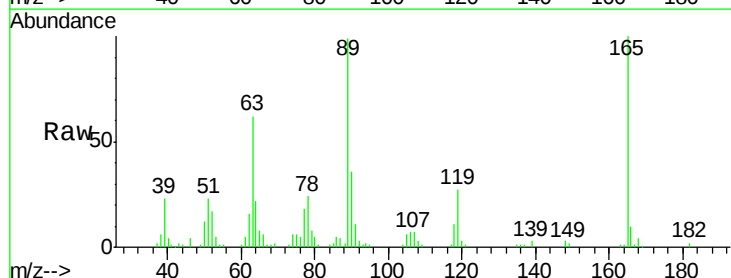
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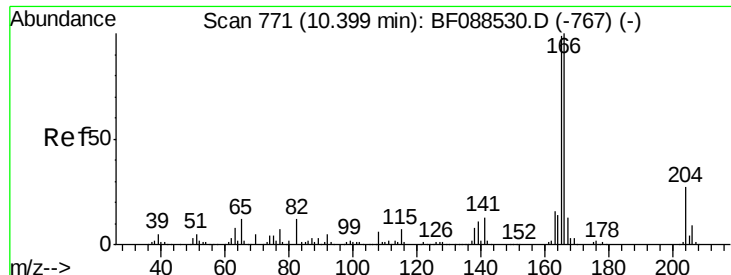
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#56
2,4-Dinitrotoluene
Concen: 20.39 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90816		
63	62.0	22.0	33.0#	
89	98.9	41.1	61.7#	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 22.50 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

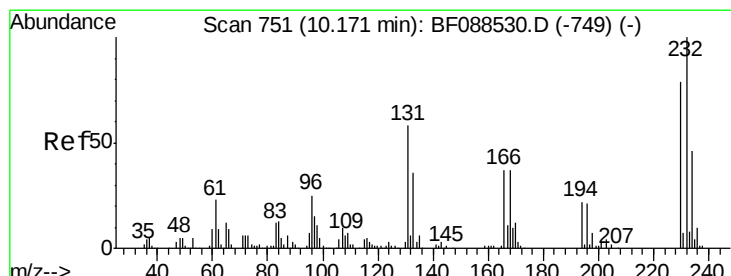
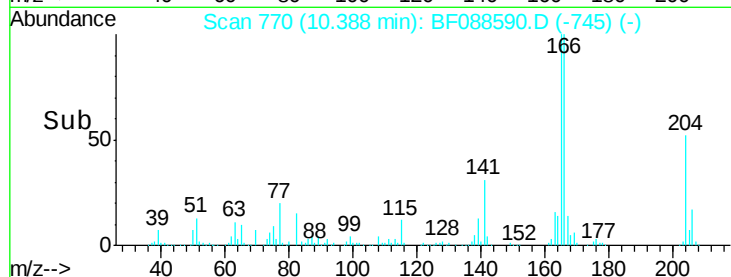
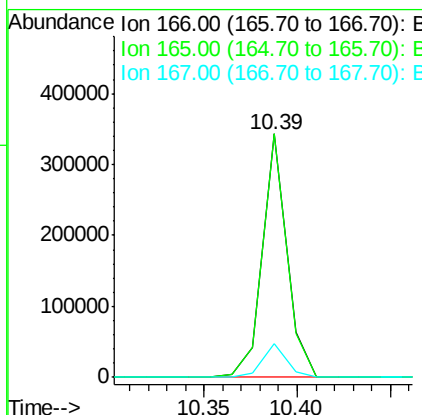
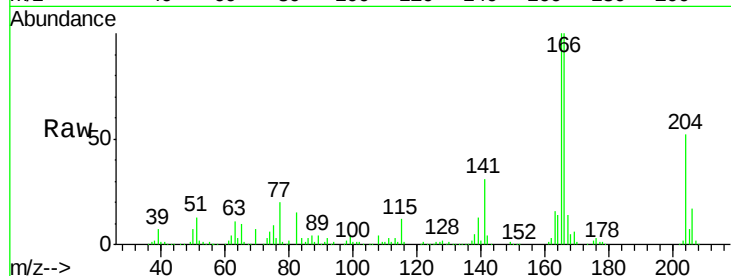
ClientSampleId :

PB91760BS

Tgt Ion:	166	Resp:	310494
Ion Ratio		Lower	Upper
166	100		
165	99.9	77.8	116.8
167	13.8	11.2	16.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 23.16 ng

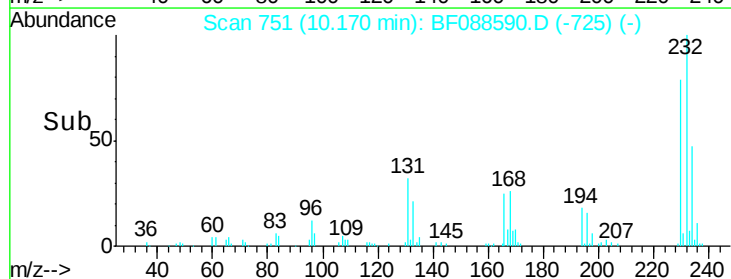
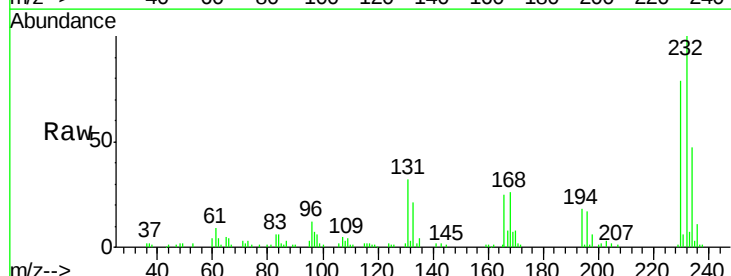
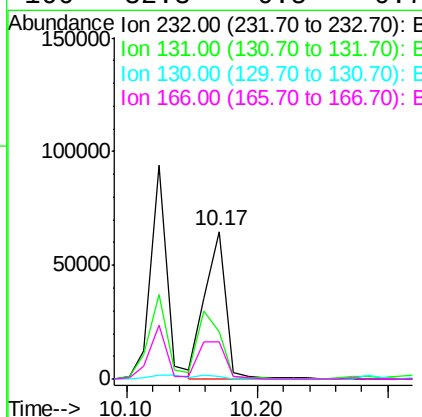
RT: 10.17 min Scan# 751

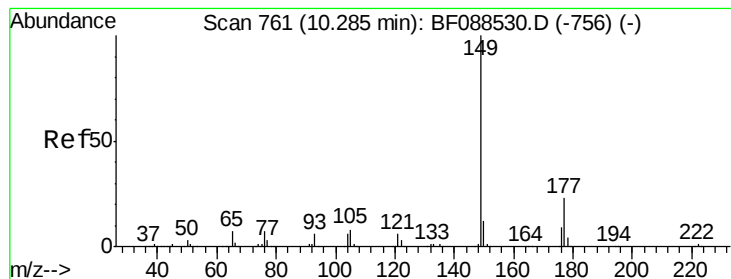
Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	232	Resp:	72927
Ion Ratio		Lower	Upper
232	100		
131	49.6	0.9	1.3#
130	0.0	1.5	2.3#
166	32.3	0.5	0.7#





#59

Diethylphthalate

Concen: 26.13 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

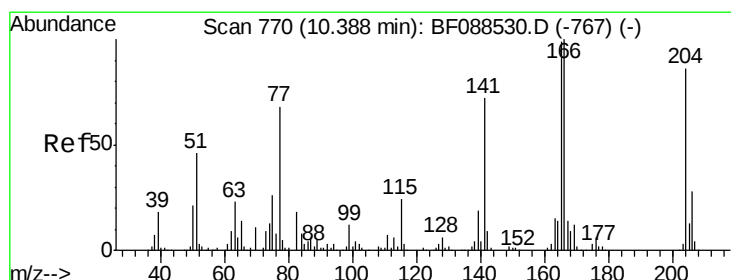
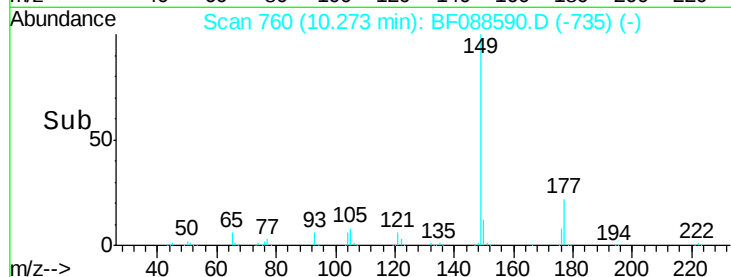
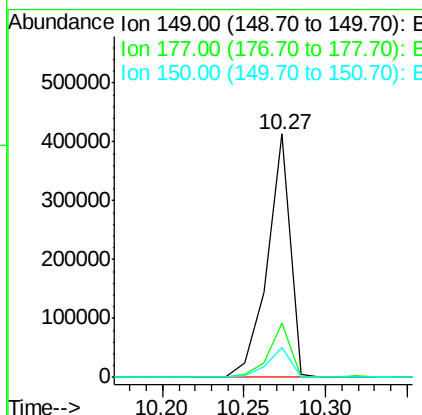
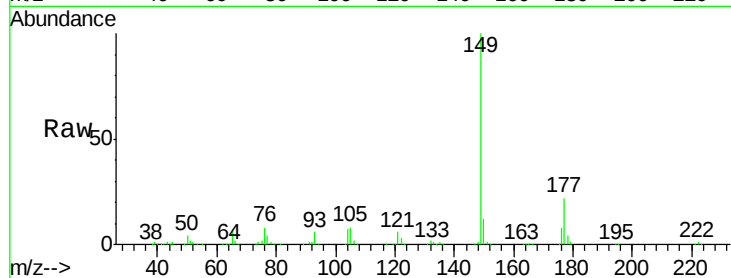
ClientSampled :

PB91760BS

Tgt Ion:	149	Resp:	403100
Ion Ratio	Lower	Upper	
149	100		
177	22.1	16.9	25.3
150	12.2	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 24.56 ng

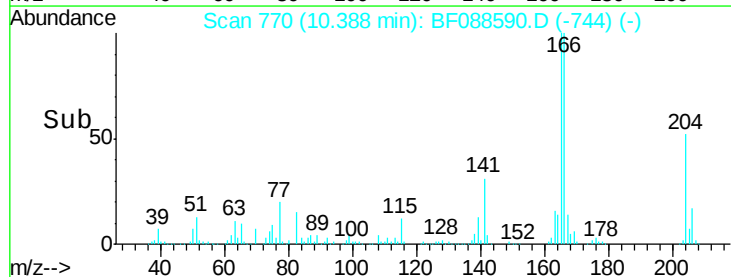
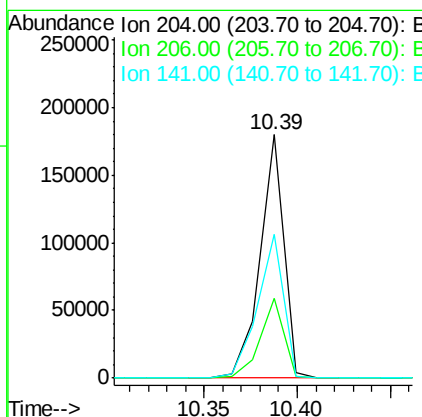
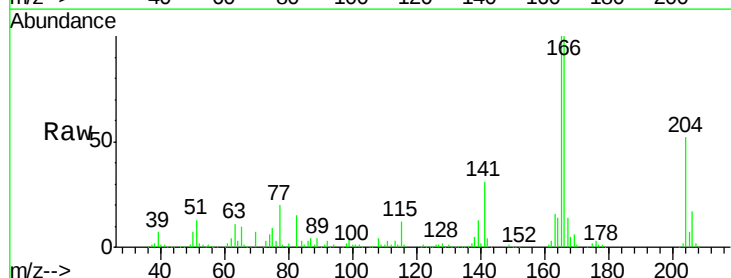
RT: 10.39 min Scan# 770

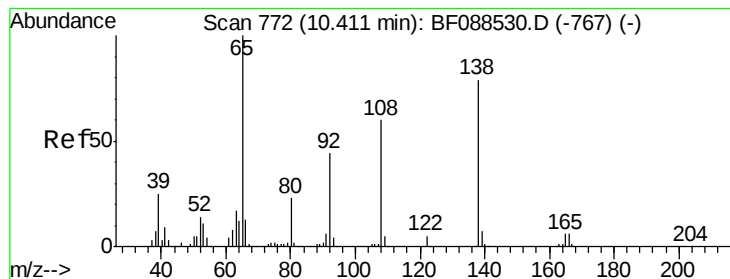
Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

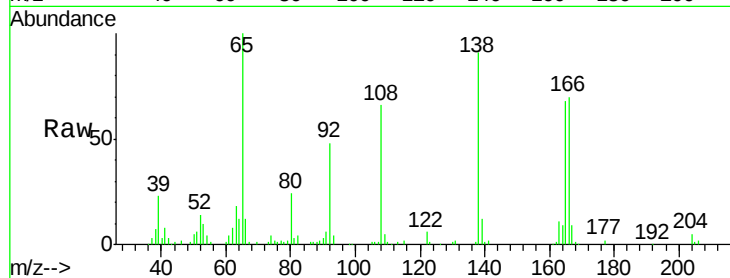
Tgt Ion:	204	Resp:	157447
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	59.1	55.0	82.6





#61
4-Nitroaniline
Concen: 17.72 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

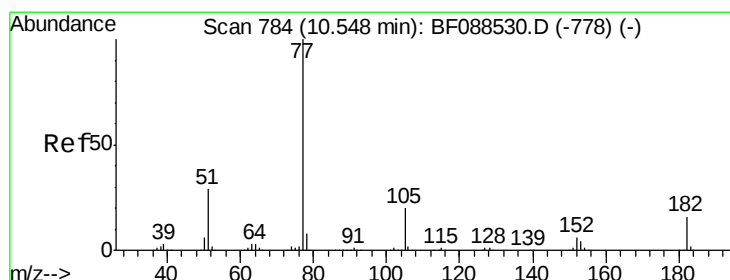
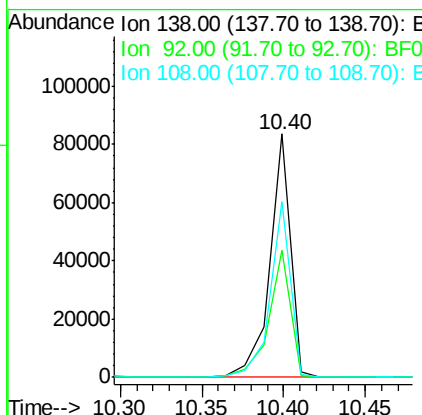
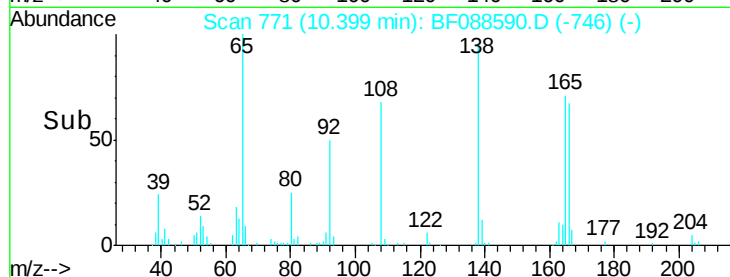
Instrument :
BNA_F
ClientSampled :
PB91760BS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	27.3	67.3
108	72.0	46.7	86.7

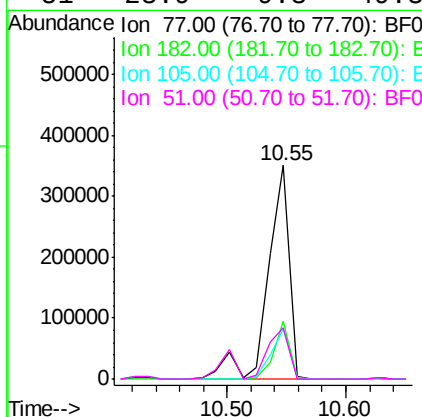
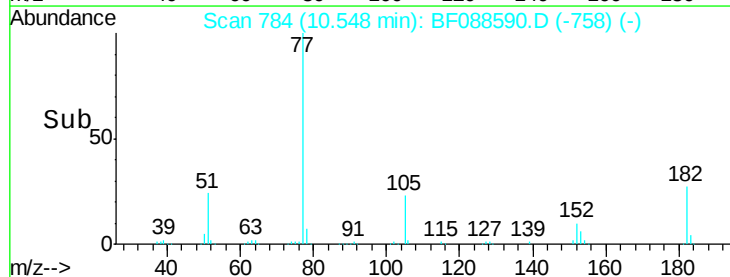
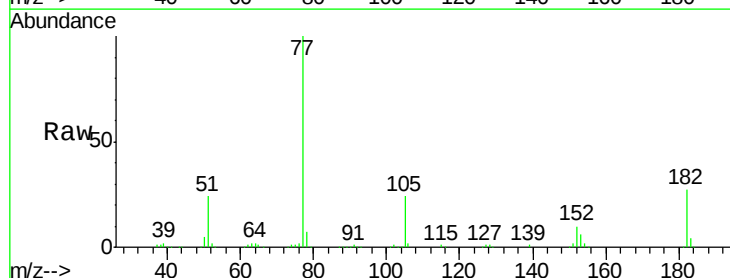
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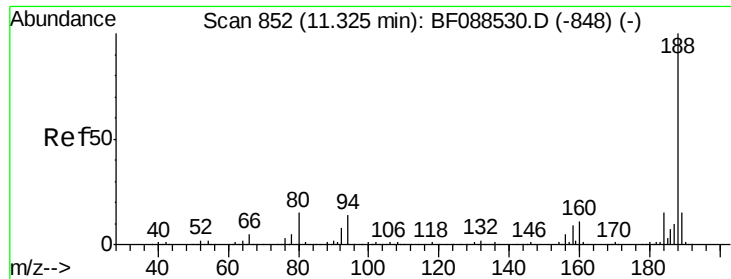
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#62
Azobenzene
Concen: 24.96 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.4	44.4
105	23.6	3.8	43.8
51	23.9	9.3	49.3





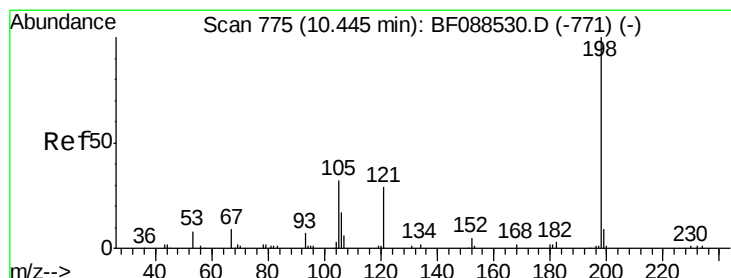
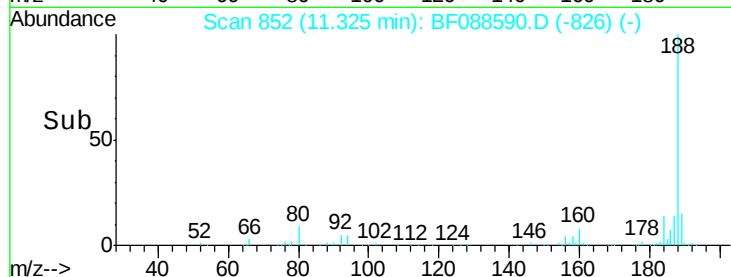
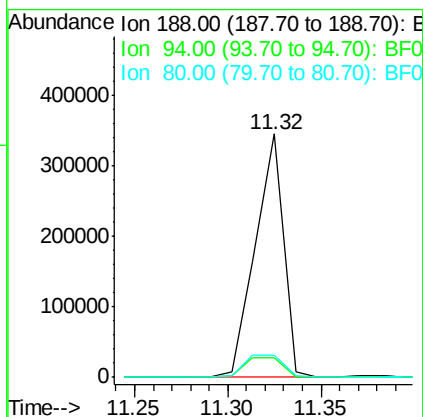
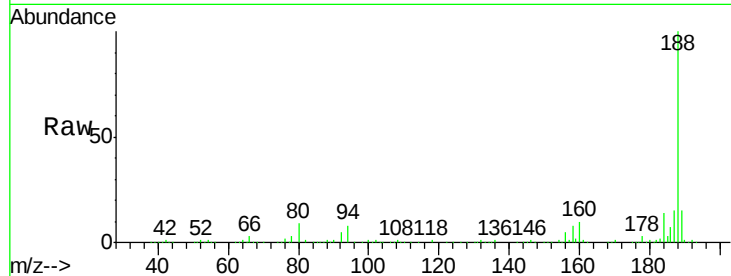
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	9.0	13.6#
80	9.0	10.0	15.0#

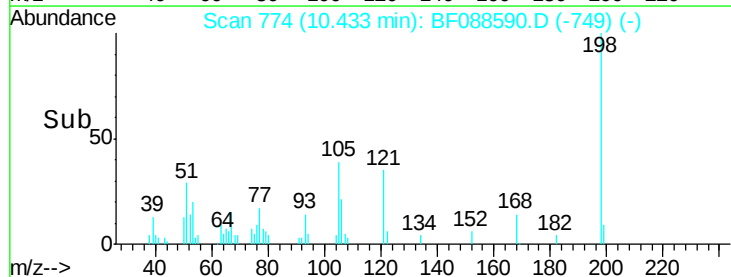
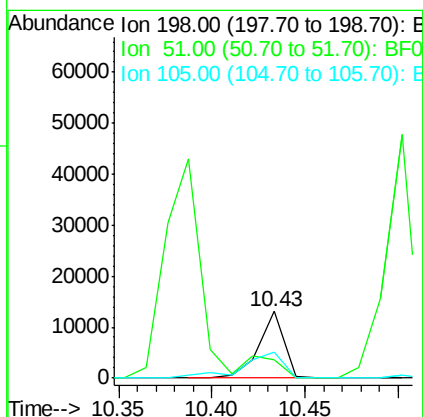
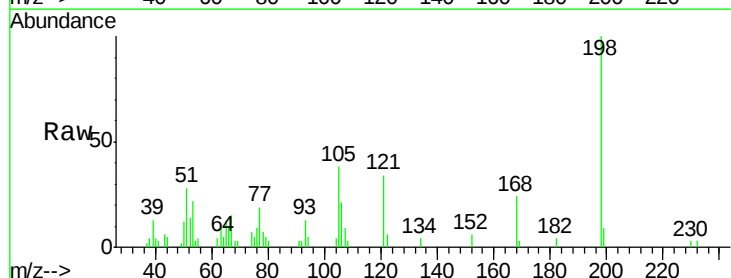
Manual Integrations
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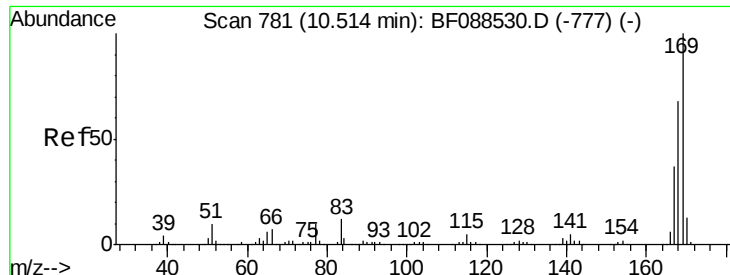
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.38 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.2	39.6	79.6#
105	38.2	36.6	76.6





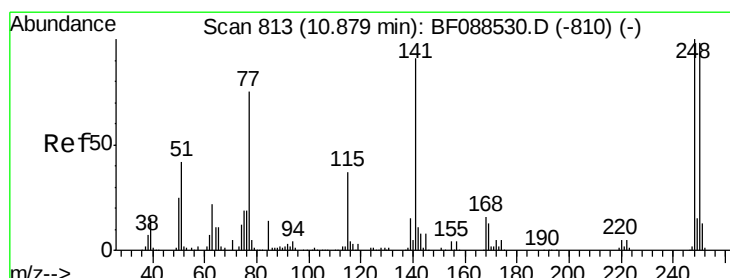
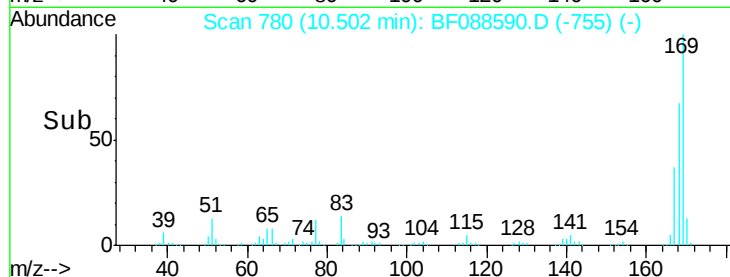
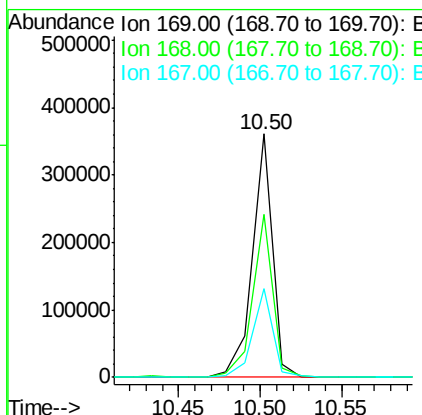
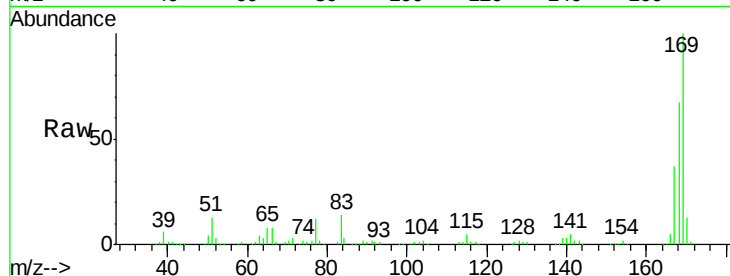
#65
n-Nitrosodiphenylamine
Concen: 25.33 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	308981		
168	66.9	53.4	80.0	
167	36.6	29.4	44.0	

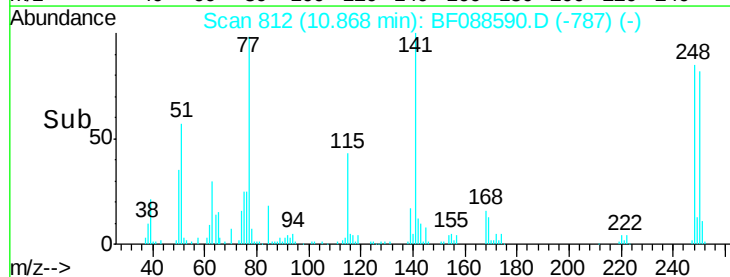
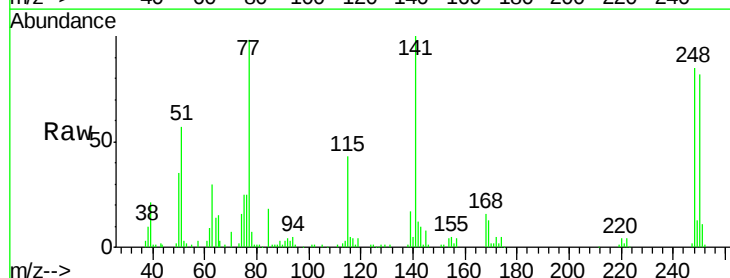
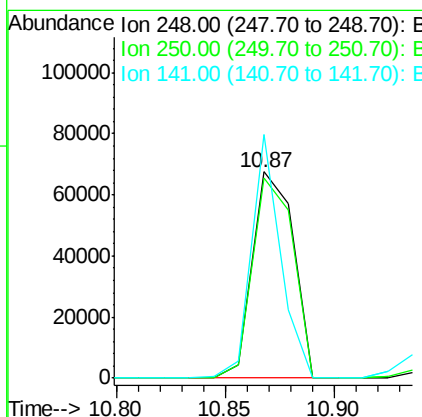
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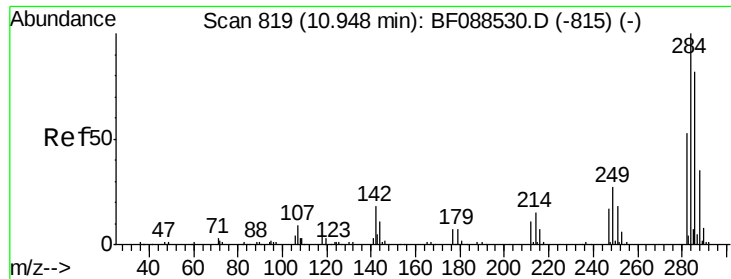
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#66
4-Bromophenyl-phenylether
Concen: 24.34 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	88393		
250	97.2	77.1	115.7	
141	118.1	50.6	76.0	





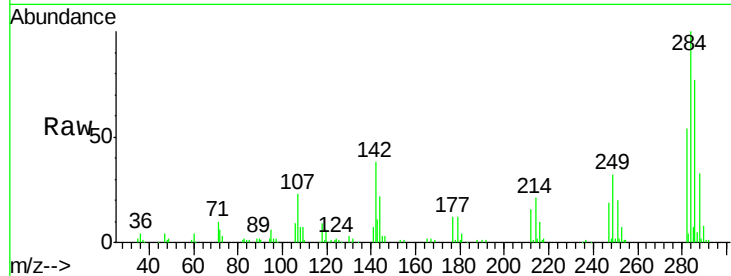
#67
Hexachlorobenzene
Concen: 22.98 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

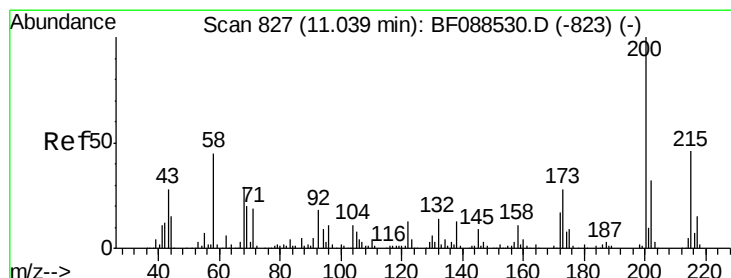
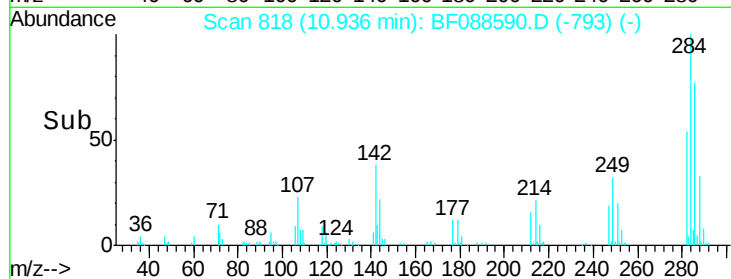
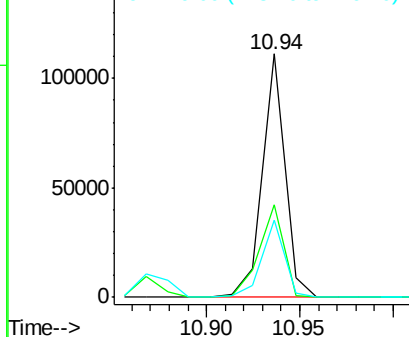
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	92385		
142	38.0	35.8	53.8	
249	31.9	25.8	38.6	

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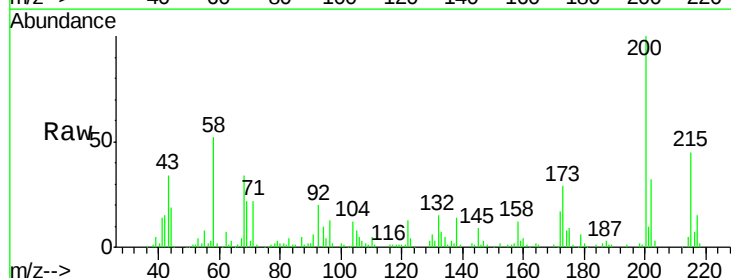


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

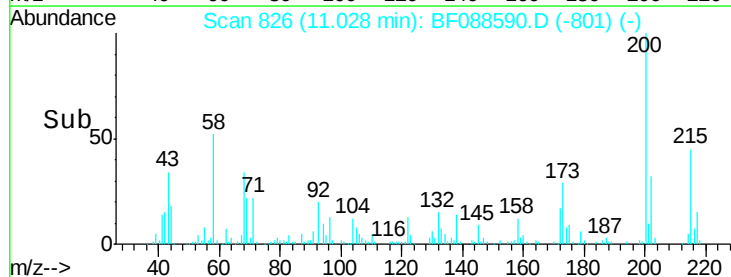
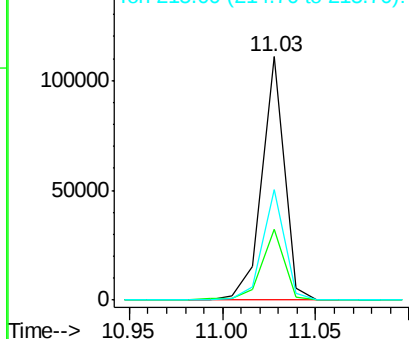


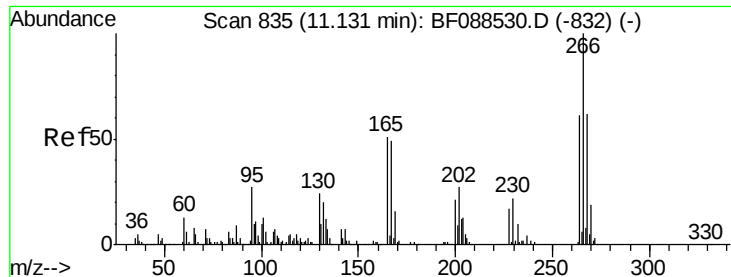
#68
Atrazine
Concen: 24.12 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	91655		
173	29.0	4.0	44.0	
215	45.5	29.3	69.3	



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





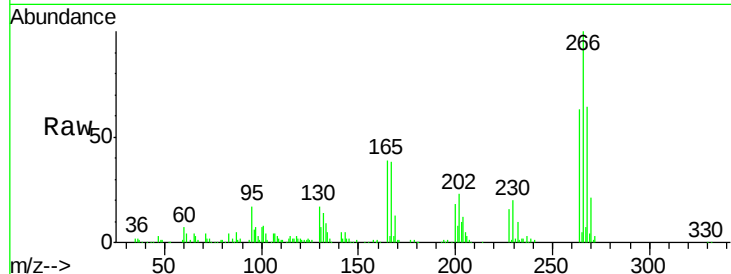
#69
 Pentachlorophenol
 Concen: 56.56 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

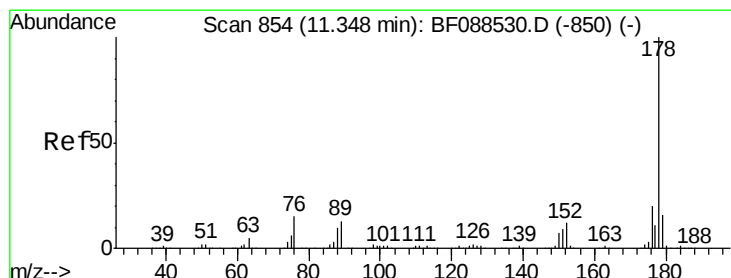
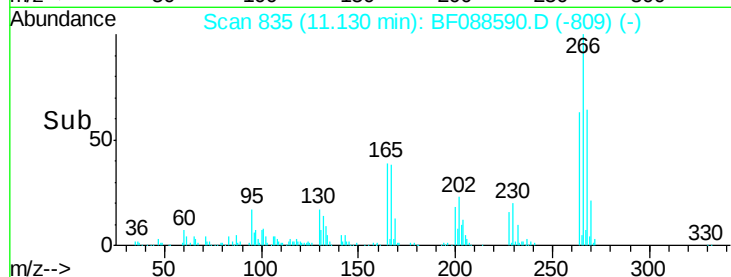
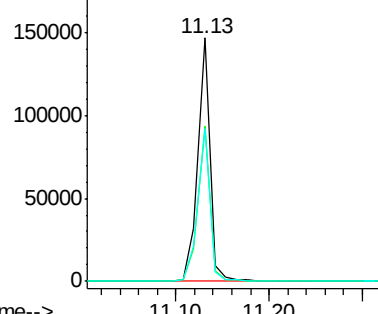
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	134566		
268	63.6	52.8	79.2	
264	62.6	49.6	74.4	

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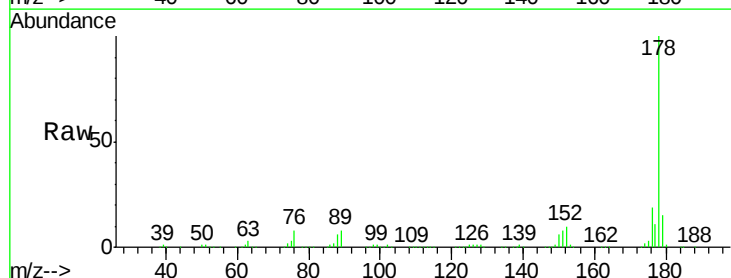


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

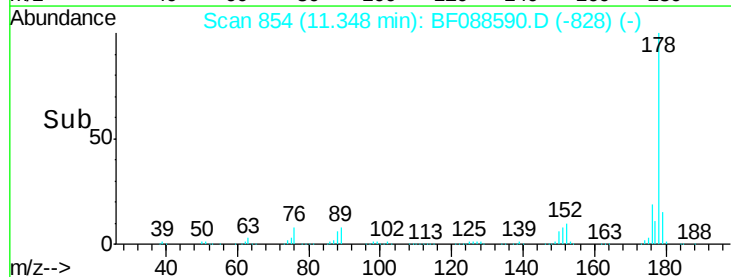
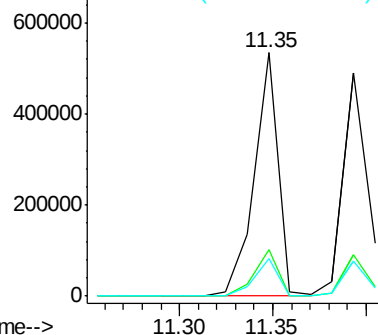


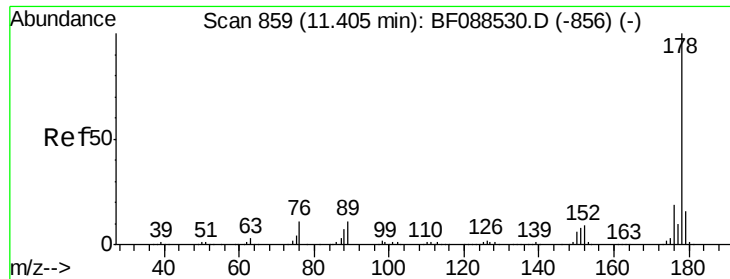
#70
 Phenanthrene
 Concen: 24.09 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	474518		
176	19.3	15.8	23.6	
179	15.2	13.0	19.4	



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





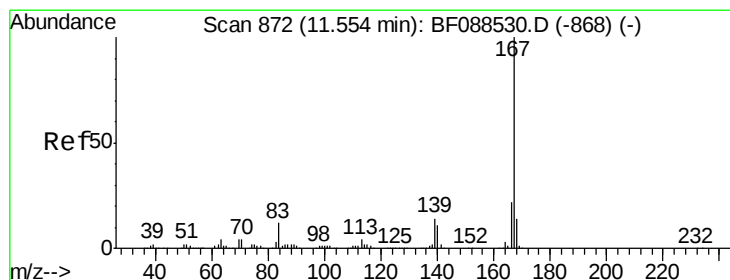
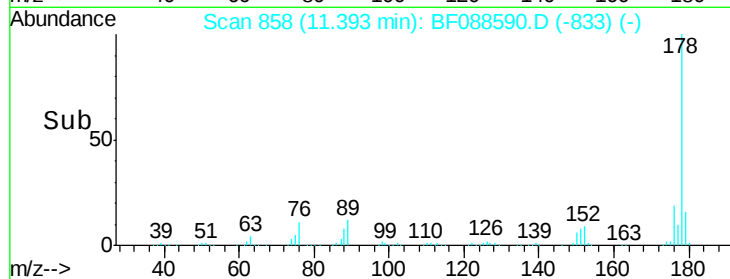
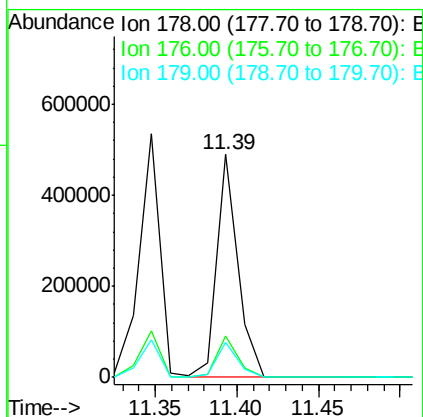
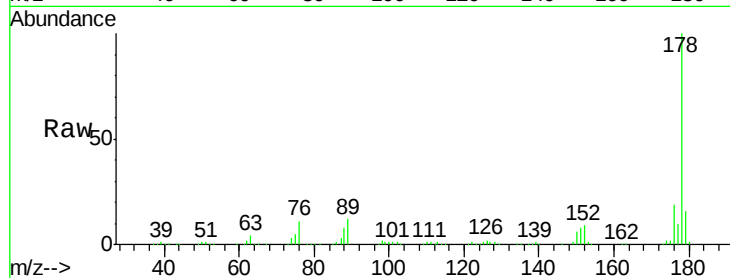
#71
 Anthracene
 Concen: 22.41 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.9	12.8	19.2

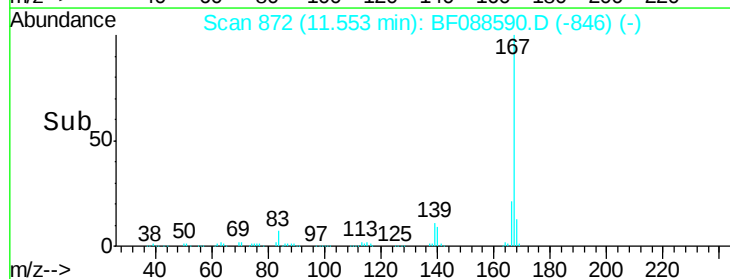
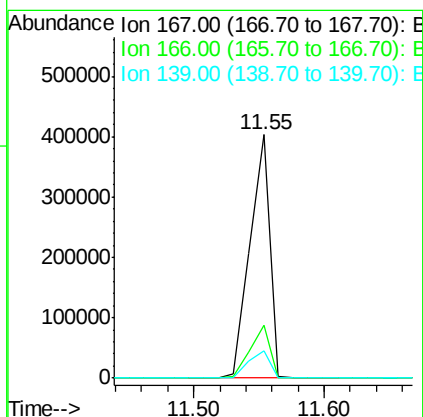
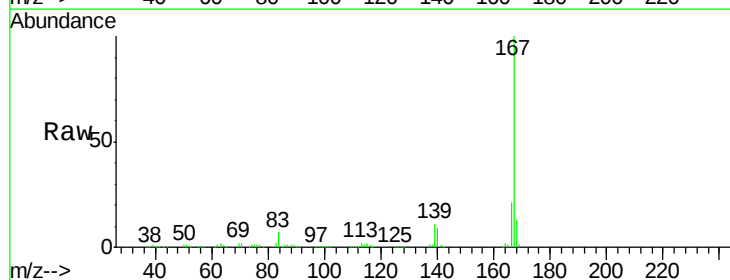
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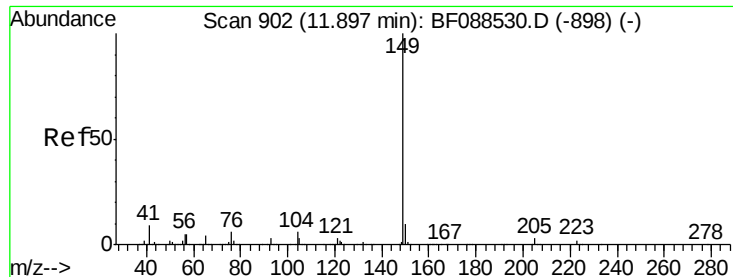
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#72
 Carbazole
 Concen: 23.12 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	11.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 25.47 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

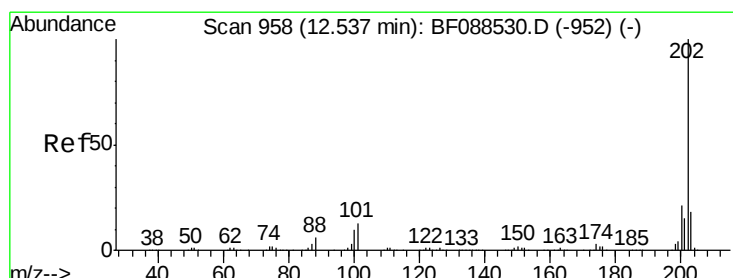
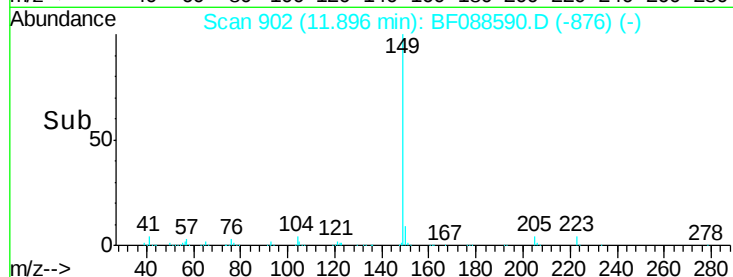
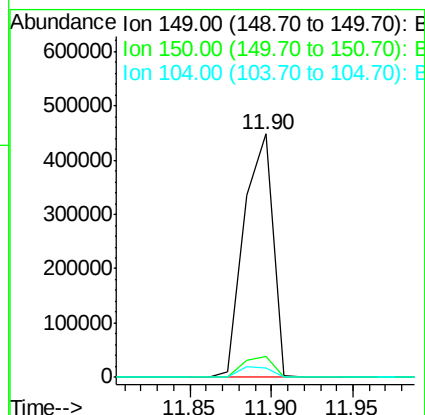
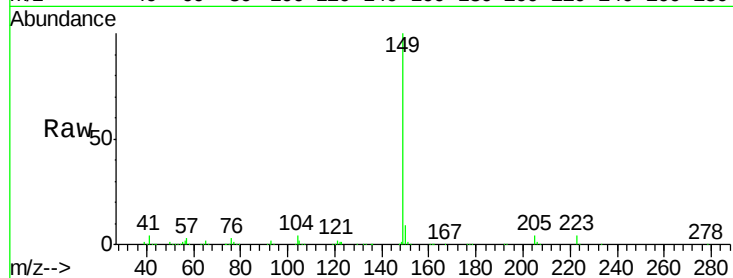
ClientSampleId :

PB91760BS

Tgt Ion:	149	Resp:	546175
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	3.9	4.0	6.0

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#74

Fluoranthene

Concen: 20.47 ng

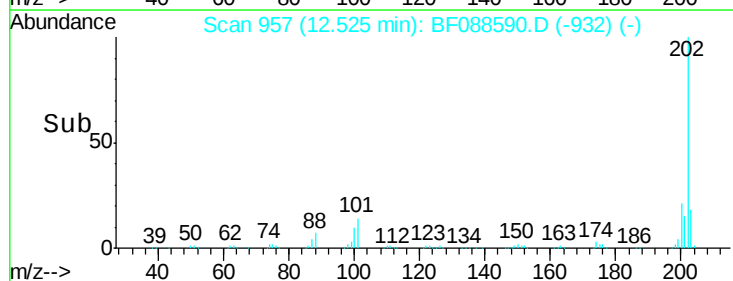
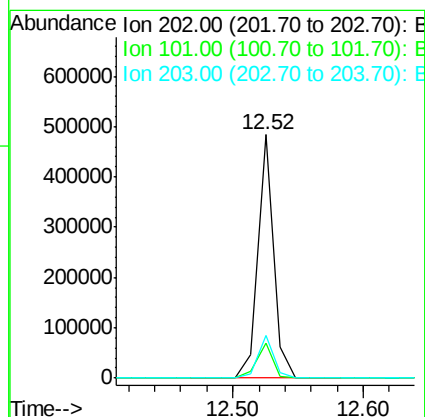
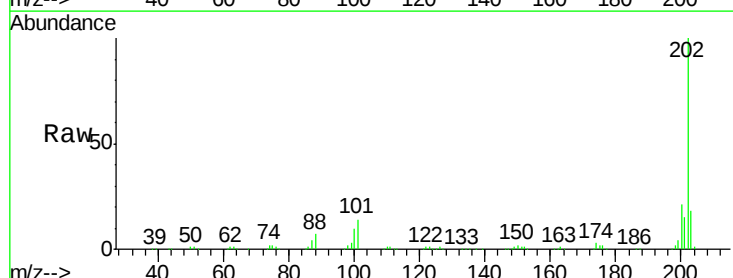
RT: 12.52 min Scan# 957

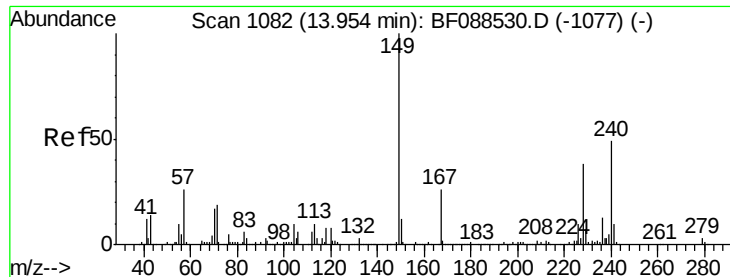
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	202	Resp:	408734
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion:240 Resp: 228220
Ion Ratio Lower Upper

240 100

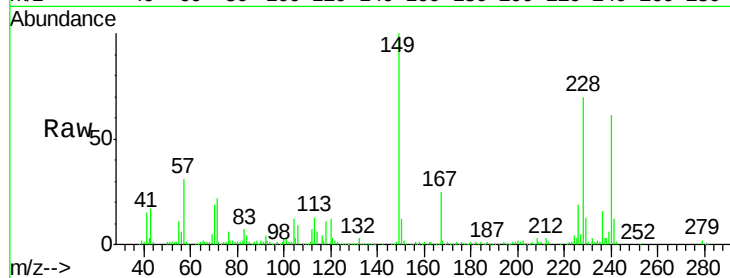
120 19.1 6.8 10.2#

236 26.4 20.2 30.2

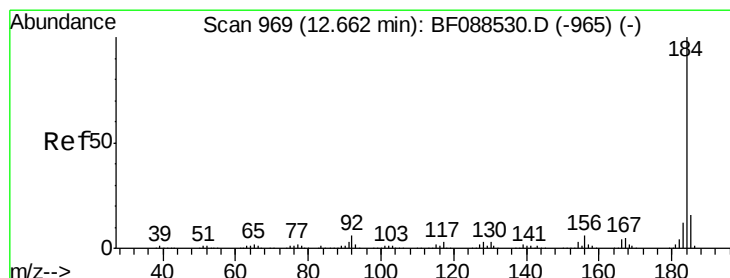
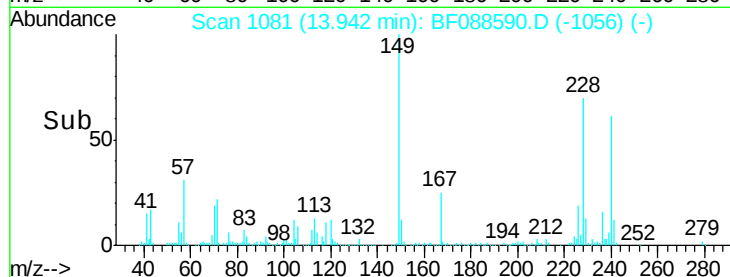
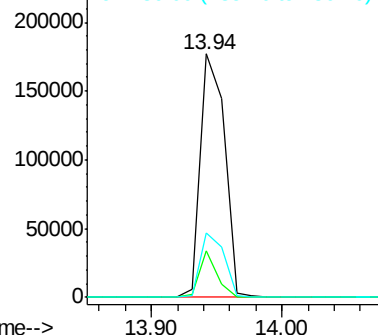
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.68 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF088590.D

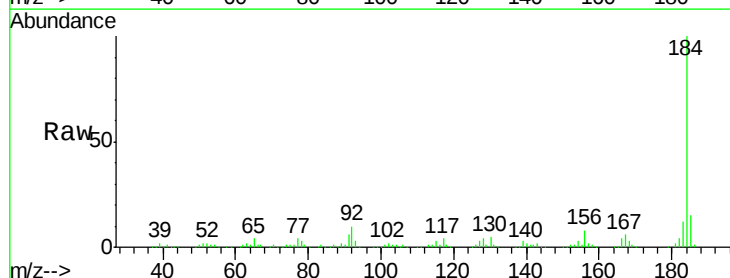
Acq: 1 Jul 2016 23:10

Tgt Ion:184 Resp: 388482
Ion Ratio Lower Upper

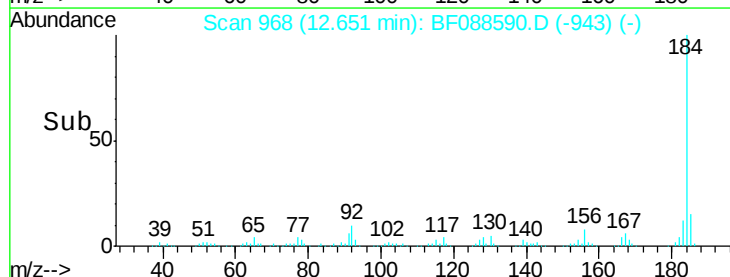
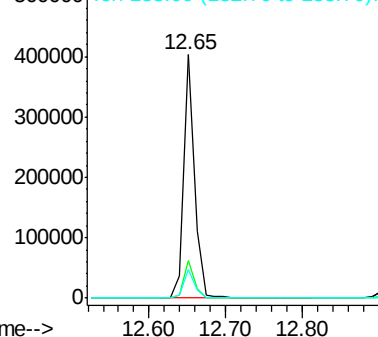
184 100

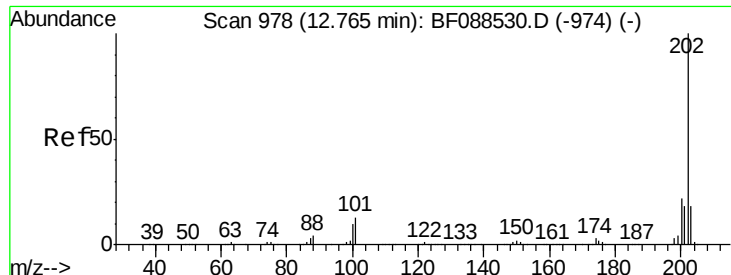
185 15.2 12.5 18.7

183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





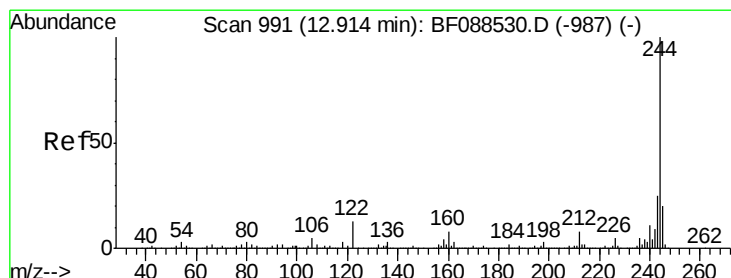
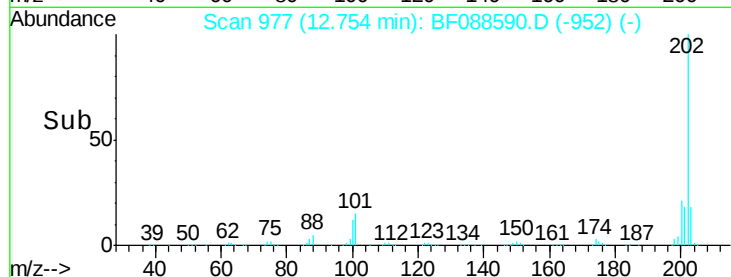
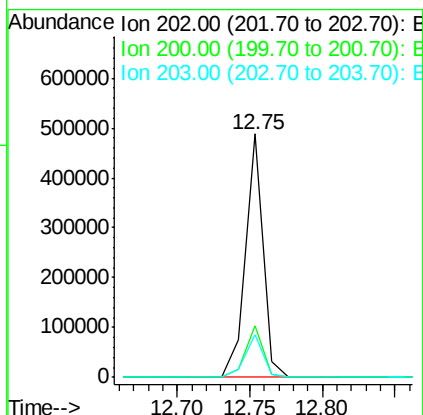
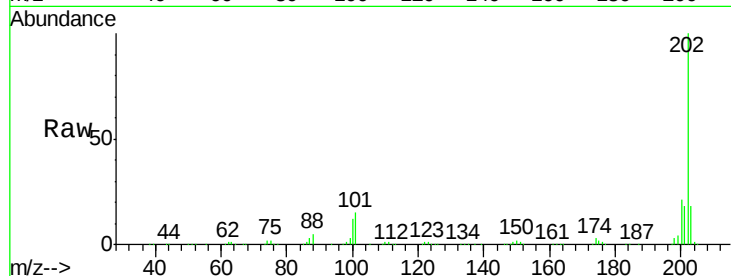
#77
Pyrene
 Concen: 21.24 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.5	21.7

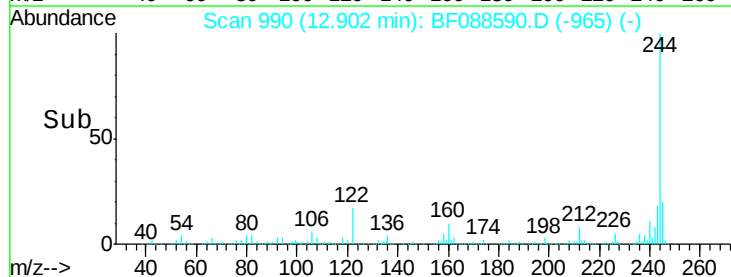
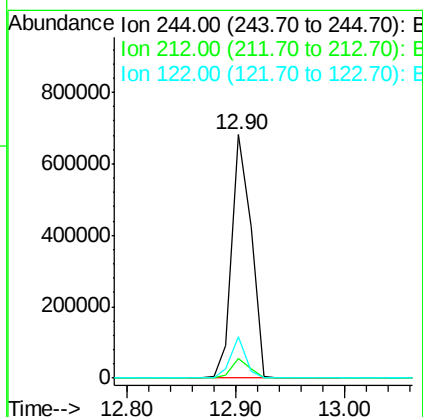
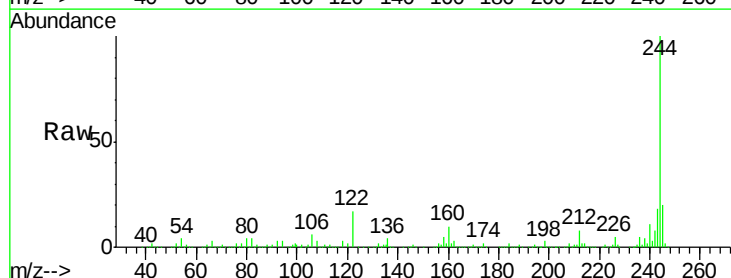
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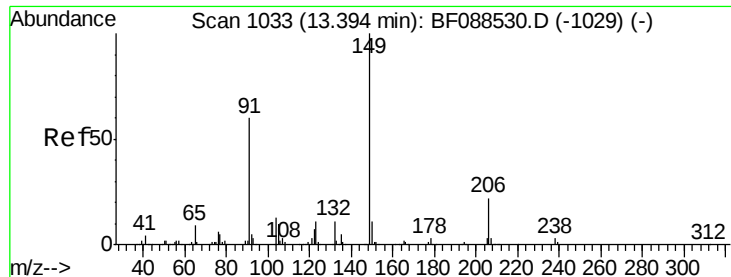
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#78
Terphenyl-d14
 Concen: 80.61 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.0	6.0	9.0
122	17.0	11.2	16.8





#79

Butylbenzylphthalate

Concen: 23.46 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

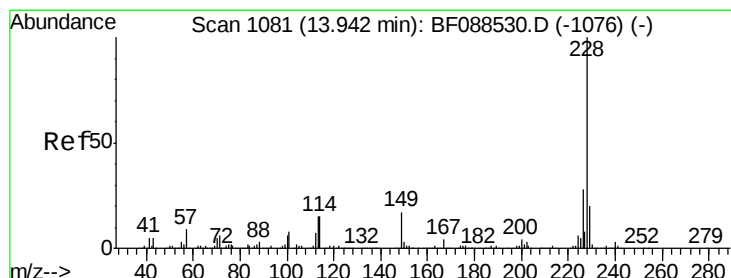
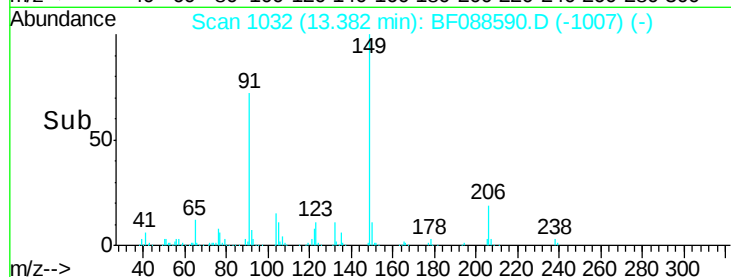
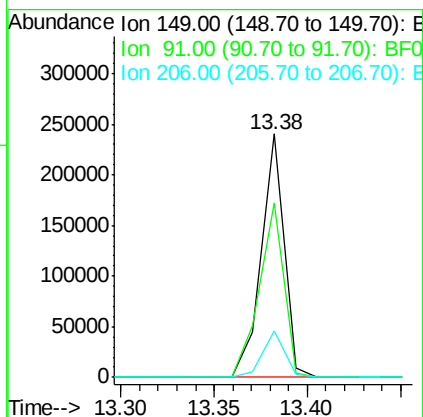
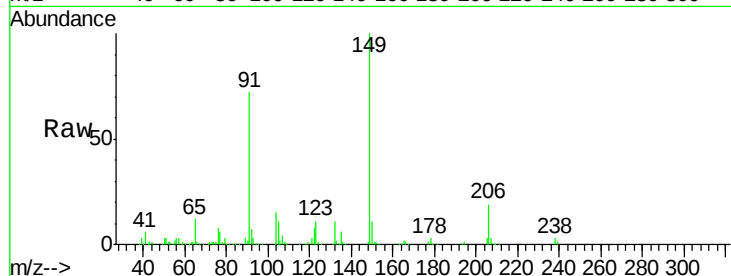
ClientSampleId :

PB91760BS

Tgt Ion:	149	Resp:	202486
Ion Ratio	Lower	Upper	
149	100		
91	71.6	48.0	72.0
206	18.9	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 21.97 ng

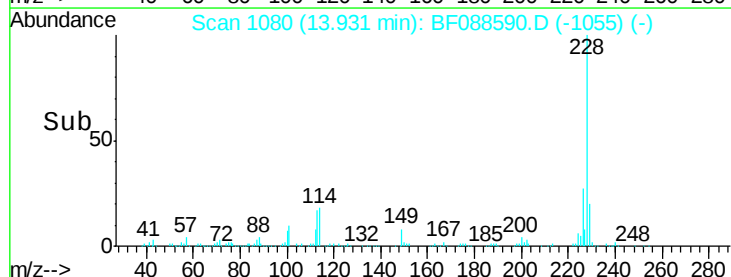
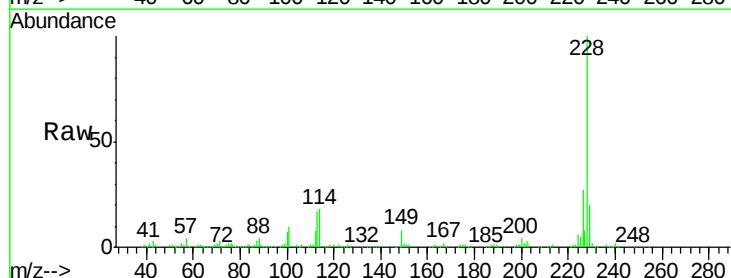
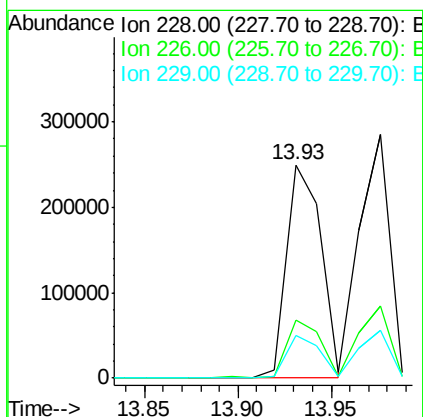
RT: 13.93 min Scan# 1080

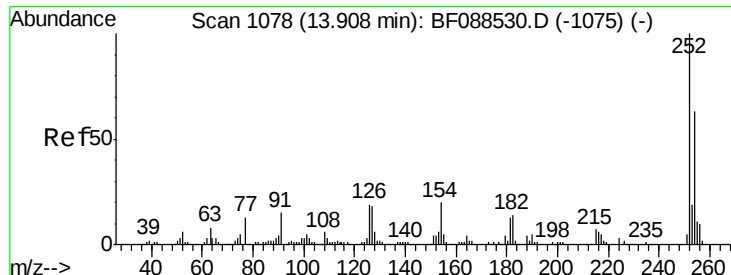
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	228	Resp:	322915
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.3	33.5
229	19.9	16.0	24.0





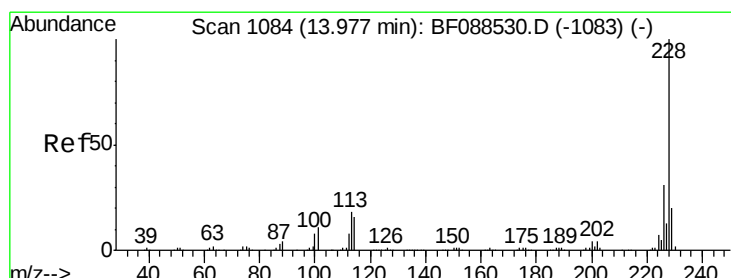
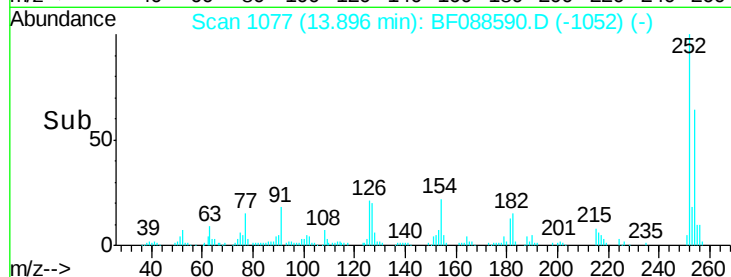
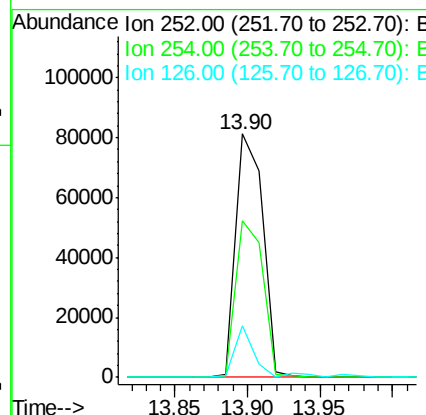
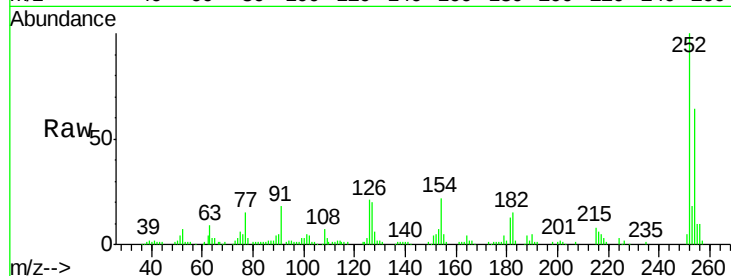
#81
 3,3'-Dichlorobenzidine
 Concen: 19.06 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	105317		
254	64.1	52.6	78.8	
126	21.3	6.2	9.2	

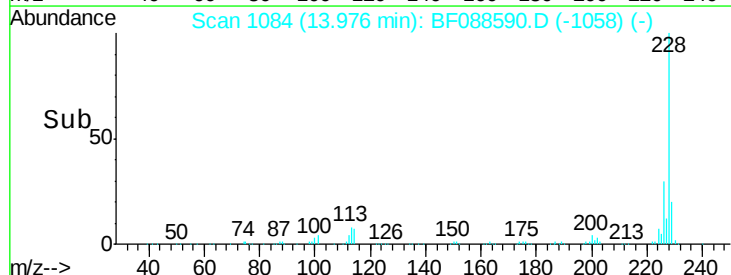
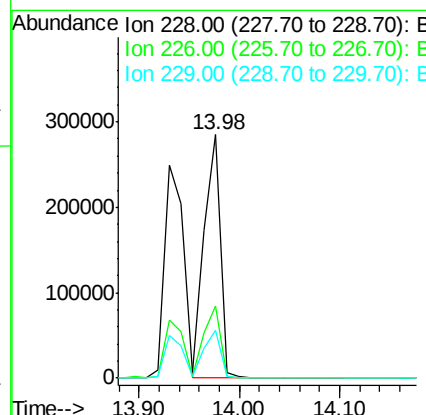
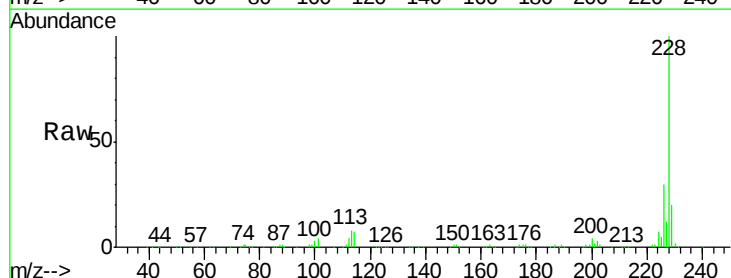
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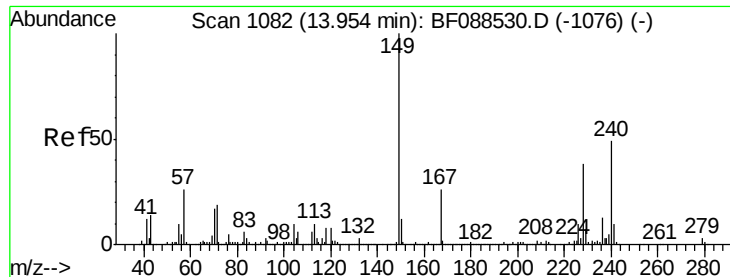
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#82
 Chrysene
 Concen: 22.20 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	322815		
226	29.7	25.4	38.2	
229	19.6	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.44 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

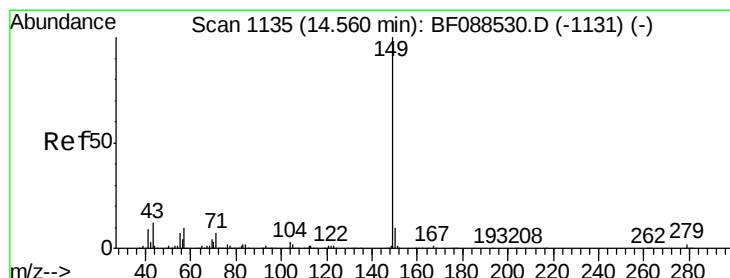
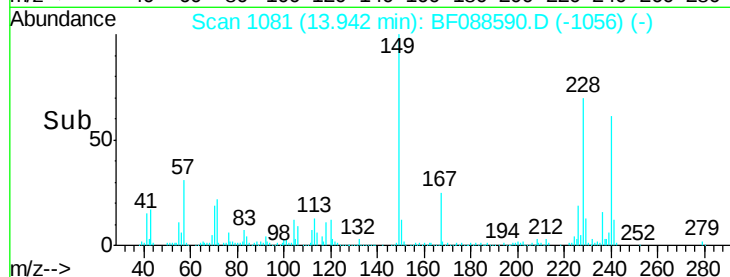
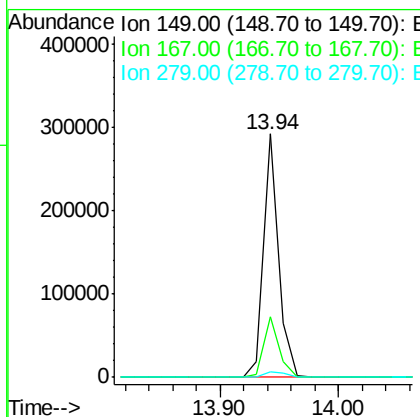
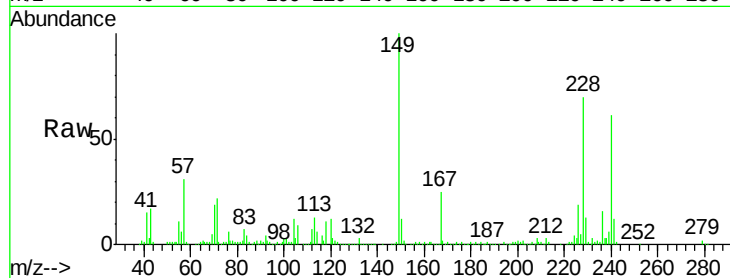
ClientSampleId :

PB91760BS

Tgt Ion:	149	Resp:	260557
Ion Ratio	Lower	Upper	
149	100		
167	24.7	20.5	30.7
279	2.2	2.0	3.0

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#84

Di-n-octyl phthalate

Concen: 26.55 ng

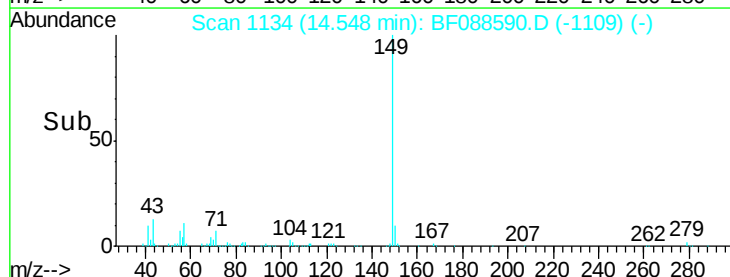
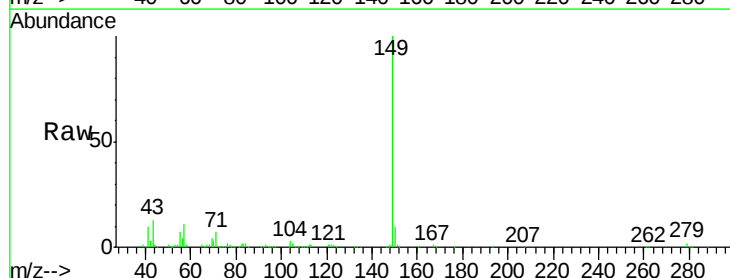
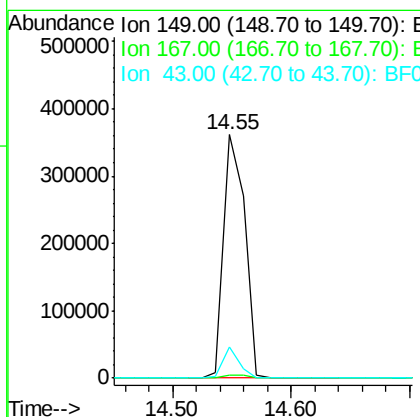
RT: 14.55 min Scan# 1134

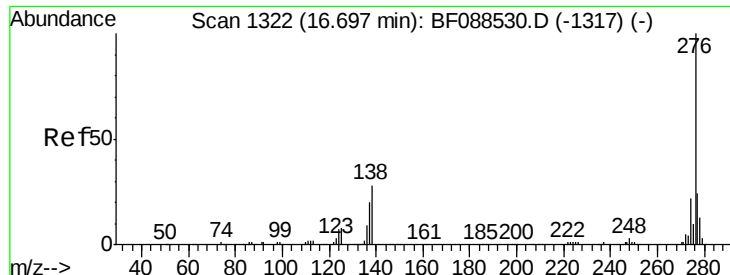
Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:	149	Resp:	444457
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.9	0.0	0.0#





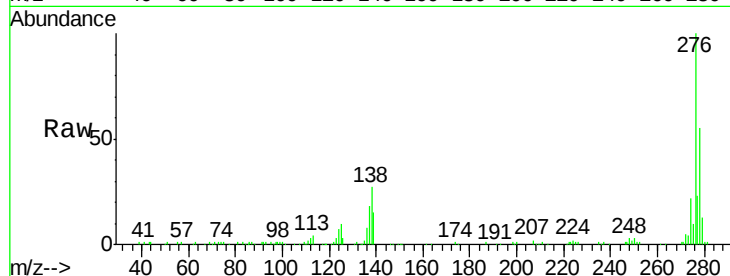
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.37 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

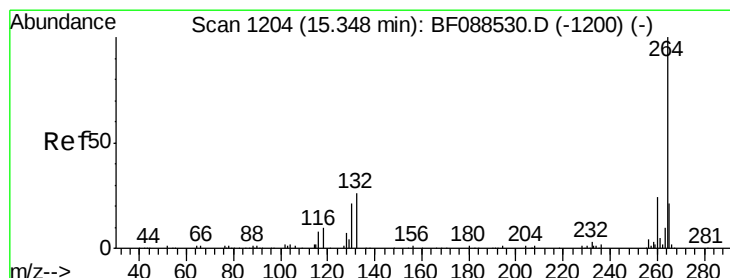
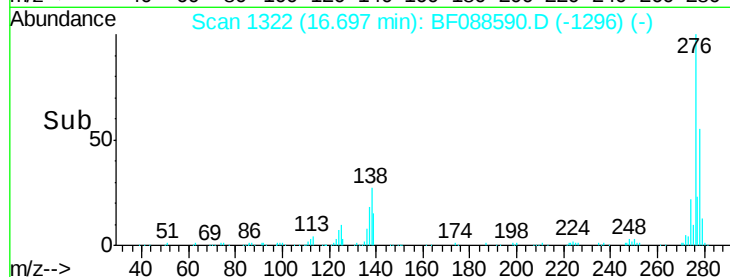
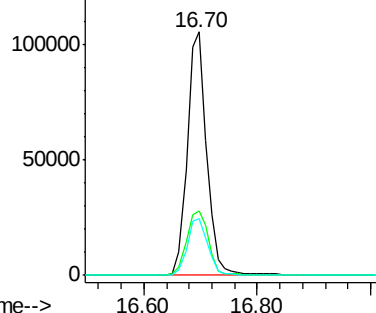
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.9	0.0	0.0#
277	24.8	0.0	0.0#

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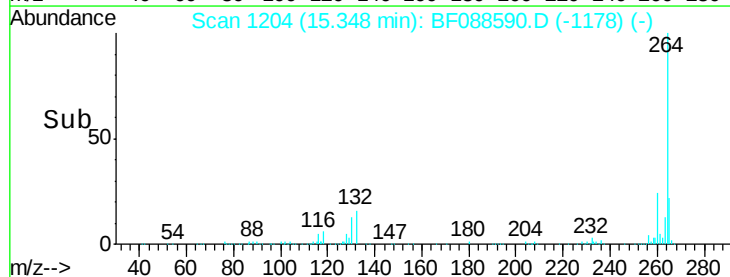
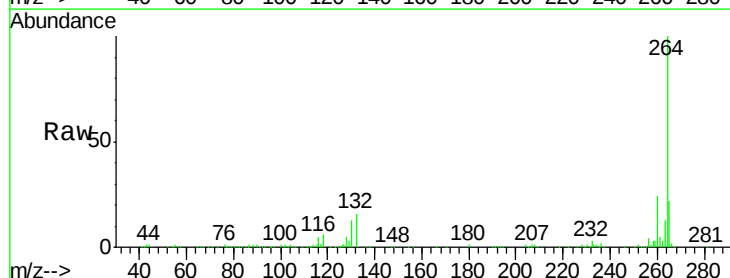
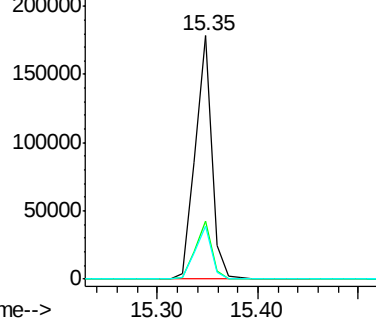
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

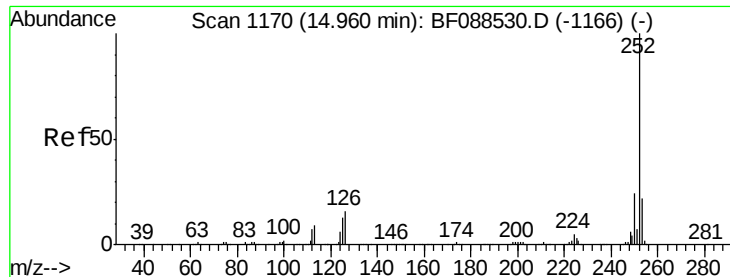


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.74 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

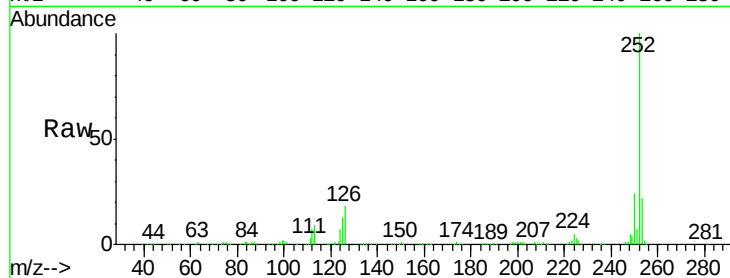
ClientSampleId :

PB91760BS

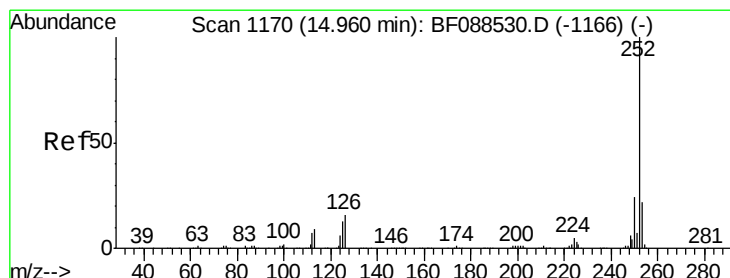
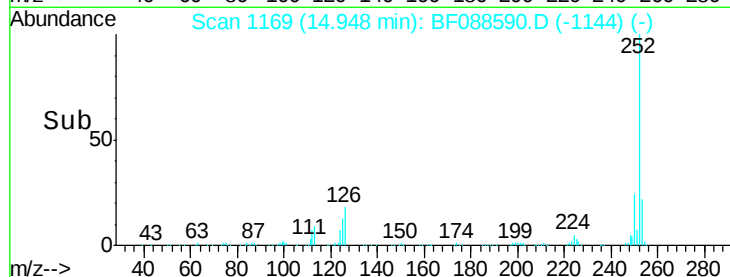
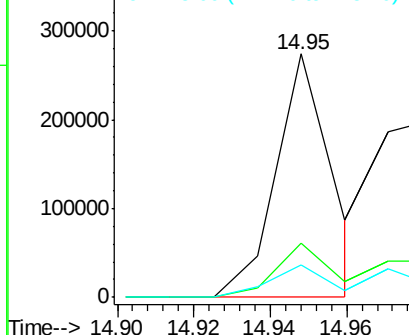
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.1	7.1	10.7#

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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: 24.69 ng m

RT: 14.98 min Scan# 1172

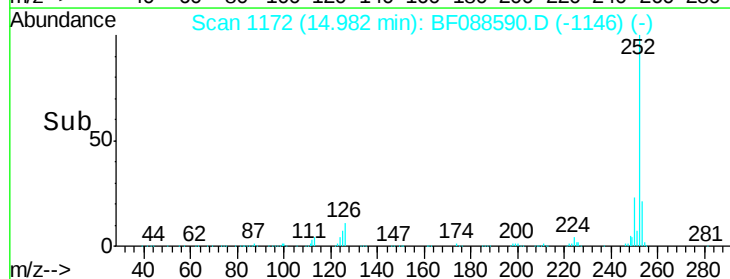
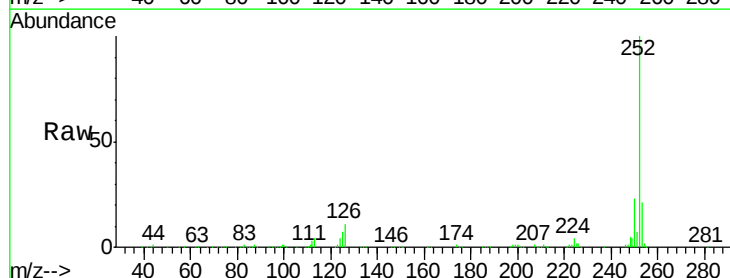
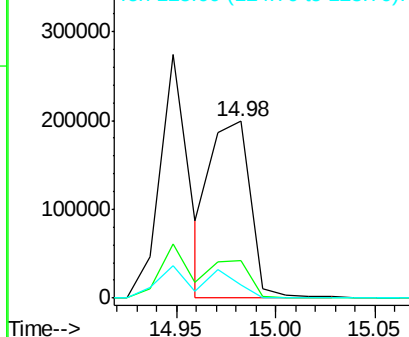
Delta R.T. -0.00 min

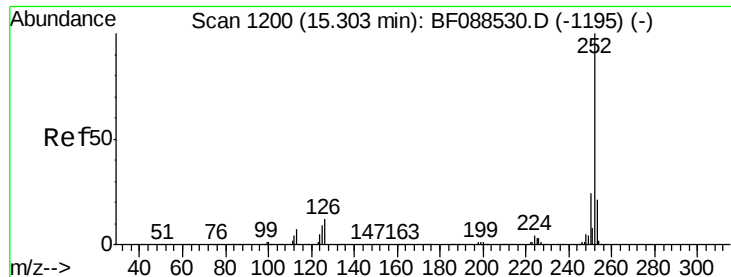
Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	7.5	11.2	16.8#

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





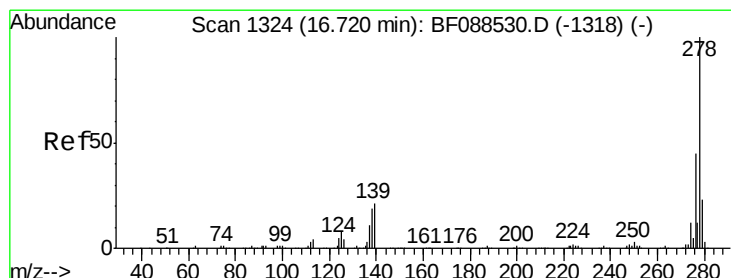
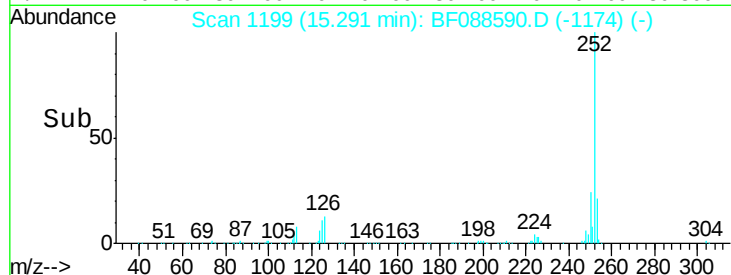
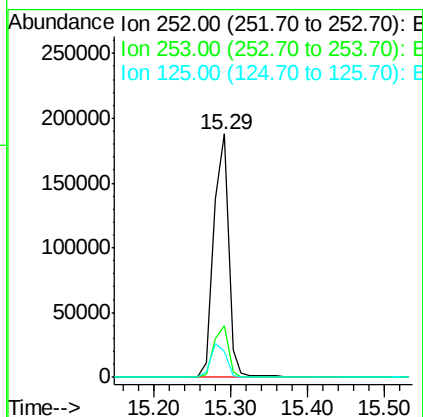
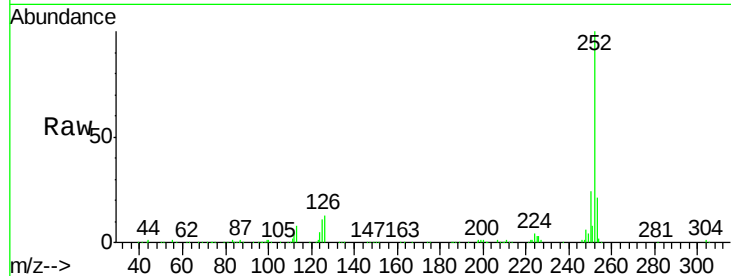
#89
Benzo(a)pyrene
Concen: 23.21 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	10.6	12.5	18.7#

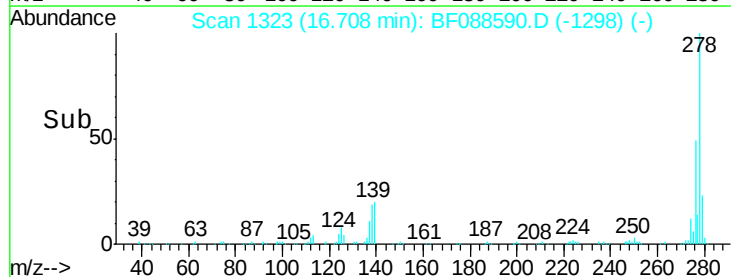
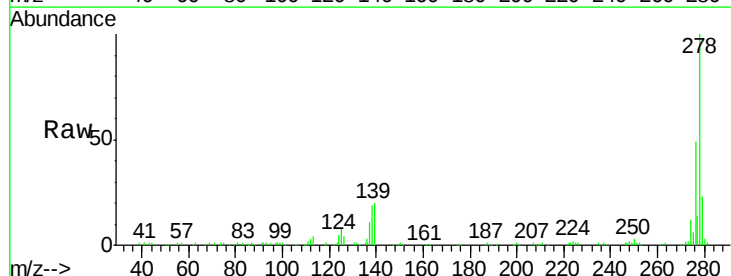
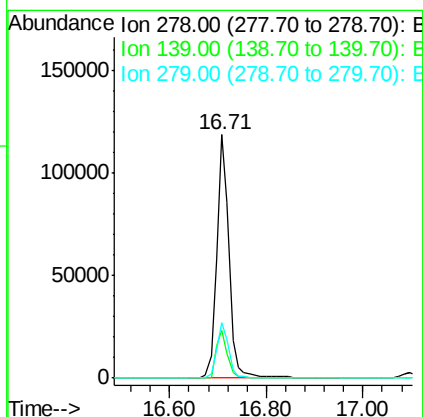
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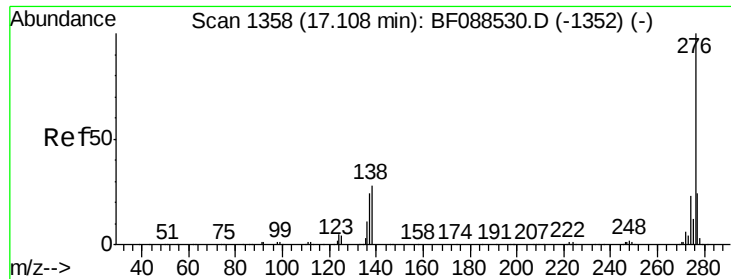
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#90
Dibenzo(a,h)anthracene
Concen: 23.46 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	23.0	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 21.51 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:	276	Resp:	202479
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	23.9	21.4	32.2

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