

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
 Data File : BF080969.D
 Acq On : 11 Aug 2015 19:05
 Operator : UM/IZ
 Sample : PB84838BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Manual Integrations
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apatel
 8/12/2015 8:34:20 AM

Quant Time: Aug 12 15:07:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 12 14:59:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	54526	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	212920	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	121596	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	218324	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	180221	20.00	ng	-0.03
86) Perylene-d12	15.32	264	155312	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	428556	128.42	ng	0.01
7) Phenol-d6	6.43	99	623232	136.28	ng	-0.01
23) Nitrobenzene-d5	7.36	82	408776	90.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	142128	106.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	626223	72.50	ng	-0.02
78) Terphenyl-d14	12.89	244	763253	87.48	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	58159	36.74	ng	93
3) Pyridine	3.13	79	149862	33.39	ng	94
4) n-Nitrosodimethylamine	3.08	42	99096	43.25	ng	95
6) Aniline	6.45	93	195341	29.07	ng	94
8) 2-Chlorophenol	6.57	128	144887	37.52	ng	# 79
9) Benzaldehyde	6.33	77	116108	37.67	ng	97
10) Phenol	6.44	94	245765	45.30	ng	77
11) bis(2-Chloroethyl)ether	6.53	93	153320	37.85	ng	89
12) 1,3-Dichlorobenzene	6.73	146	152740	37.27	ng	97
13) 1,4-Dichlorobenzene	6.81	146	150903	35.44	ng	99
14) 1,2-Dichlorobenzene	6.96	146	145464	37.79	ng	98
15) Benzyl Alcohol	6.93	79	139432	37.26	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	288768	35.43	ng	99
17) 2-Methylphenol	7.05	107	125656	38.12	ng	# 92
18) Hexachloroethane	7.30	117	57494	35.24	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	113207	33.87	ng	97
20) 3+4-Methylphenols	7.21	107	165824	40.05	ng	# 81
22) Acetophenone	7.20	105	213144	40.85	ng	# 99
24) Nitrobenzene	7.37	77	171788	37.07	ng	98
25) Isophorone	7.62	82	332602	38.42	ng	98
26) 2-Nitrophenol	7.69	139	75496	38.71	ng	95
27) 2,4-Dimethylphenol	7.73	122	149268	40.88	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	185469	35.69	ng	98
29) 2,4-Dichlorophenol	7.93	162	116436	38.81	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	125413	38.24	ng	99
31) Naphthalene	8.10	128	422094	35.97	ng	100
32) Benzoic acid	7.86	122	88245	40.37	ng	88
33) 4-Chloroaniline	8.14	127	105906	22.20	ng	97
34) Hexachlorobutadiene	8.21	225	71940	36.87	ng	97
35) Caprolactam	8.52	113	50684m	46.96	ng	
36) 4-Chloro-3-methylphenol	8.64	107	171303	46.79	ng	96
37) 2-Methylnaphthalene	8.78	142	311888	41.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	126102	33.64	ng	99
40) Hexachlorocyclopentadiene	8.94	237	168042	82.15	ng	97

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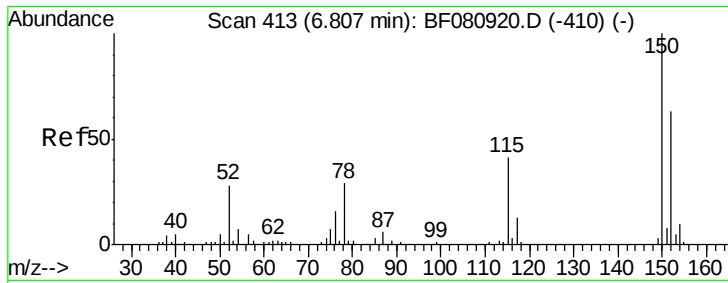
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	80090	29.15	ng	95
43) 2,4,5-Trichlorophenol	9.10	196	101075	36.51	ng #	86
45) 1,1'-Biphenyl	9.25	154	379980	36.41	ng	100
46) 2-Chloronaphthalene	9.28	162	271787	33.40	ng	99
47) 2-Nitroaniline	9.37	65	107114	32.83	ng	92
48) Acenaphthylene	9.69	152	481345	34.03	ng	100
49) Dimethylphthalate	9.56	163	358955	35.54	ng	98
50) 2,6-Dinitrotoluene	9.62	165	76473	36.65	ng #	50
51) Acenaphthene	9.86	154	350988	40.52	ng	99
52) 3-Nitroaniline	9.78	138	61932	24.07	ng	100
53) 2,4-Dinitrophenol	9.88	184	65520	53.86	ng #	74
54) Dibenzofuran	10.03	168	456066	38.93	ng	98
55) 4-Nitrophenol	9.95	139	151070	78.45	ng #	66
56) 2,4-Dinitrotoluene	10.02	165	119604	42.83	ng #	70
57) Fluorene	10.37	166	363874	40.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	80659m	36.81	ng	
59) Diethylphthalate	10.26	149	397735	37.83	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	146713	33.23	ng	99
61) 4-Nitroaniline	10.40	138	86607	32.72	ng	97
62) Azobenzene	10.52	77	414609	35.27	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	47672	35.23	ng #	61
65) n-Nitrosodiphenylamine	10.49	169	309007	40.74	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	93698	40.52	ng	98
67) Hexachlorobenzene	10.92	284	99731	38.79	ng	98
68) Atrazine	11.01	200	82077	36.91	ng	96
69) Pentachlorophenol	11.12	266	111279	74.44	ng	96
70) Phenanthrene	11.32	178	463411	37.48	ng	99
71) Anthracene	11.38	178	491492	40.16	ng	100
72) Carbazole	11.53	167	423949	35.58	ng #	97
73) Di-n-butylphthalate	11.87	149	596353	40.02	ng	99
74) Fluoranthene	12.51	202	612379	45.82	ng	97
76) Benzidine	12.64	184	403148	56.76	ng	98
77) Pyrene	12.74	202	608428	45.70	ng	100
79) Butylbenzylphthalate	13.36	149	245284	38.22	ng #	65
80) Benzo(a)anthracene	13.92	228	442505	38.87	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	84345	20.37	ng #	97
82) Chrysene	13.95	228	425515	39.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	318366	35.65	ng #	94
84) Di-n-octyl phthalate	14.53	149	583993	38.57	ng	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	408223	39.35	ng	98
87) Benzo(b)fluoranthene	14.93	252	464418m	43.00	ng	
88) Benzo(k)fluoranthene	14.96	252	341646m	36.16	ng	
89) Benzo(a)pyrene	15.27	252	369194	39.77	ng #	95
90) Dibenzo(a,h)anthracene	16.68	278	337884	41.16	ng	100
91) Benzo(g,h,i)perylene	17.07	276	352378	44.13	ng	98

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



#1

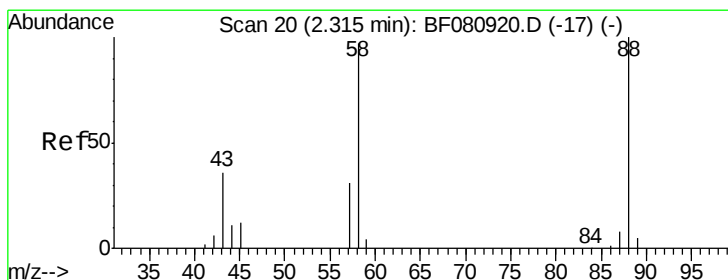
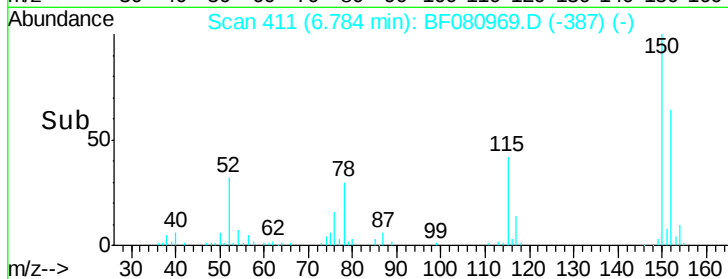
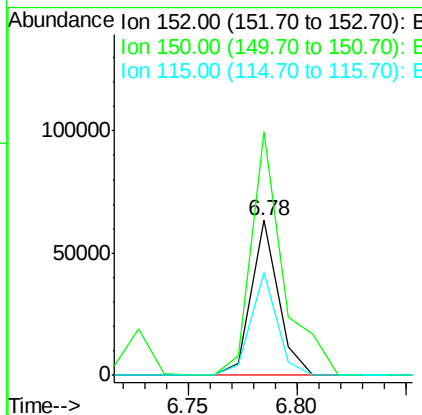
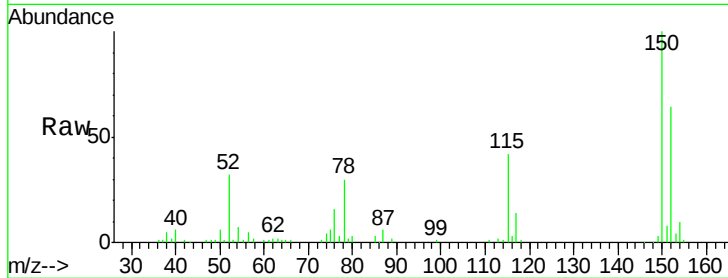
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

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PB84838BS

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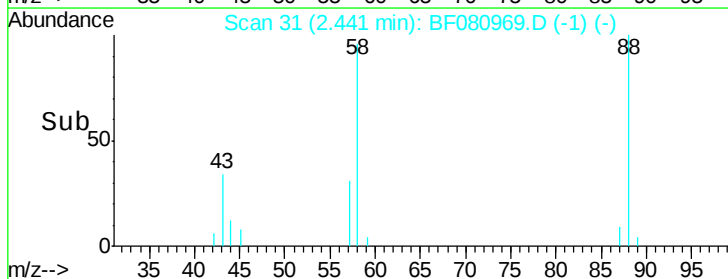
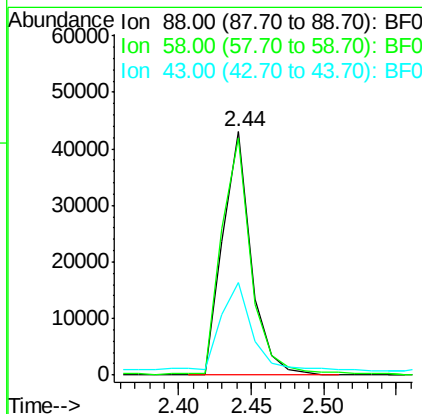
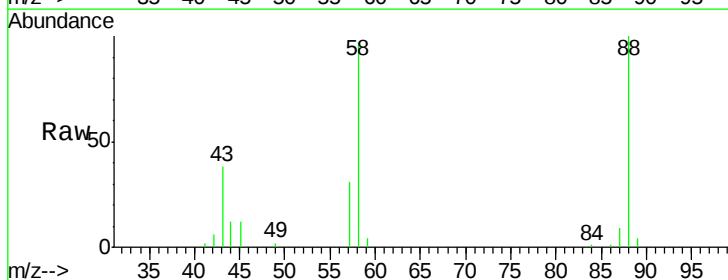
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.2
115	66.4	52.6	78.8



#2

1,4-Dioxane
Concen: 36.74 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.13 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.9	79.3	118.9
43	40.8	28.3	42.5





#3

Pyridine

Concen: 33.39 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080969.D

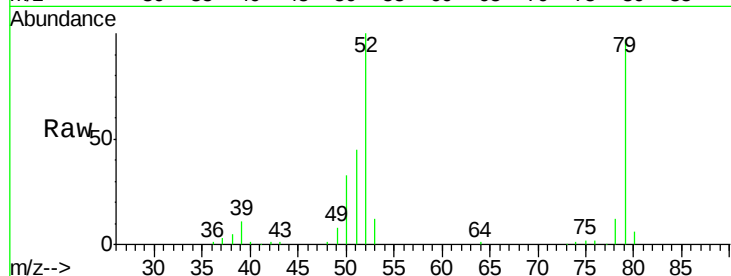
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BNA_F

ClientSampleId :

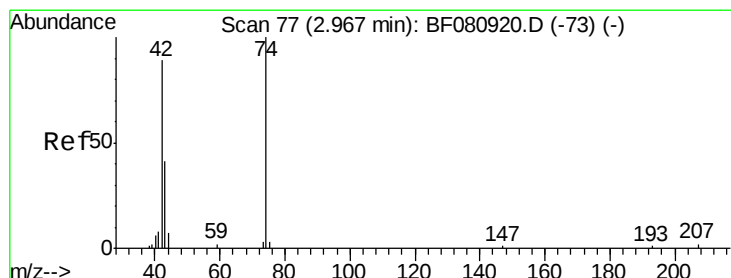
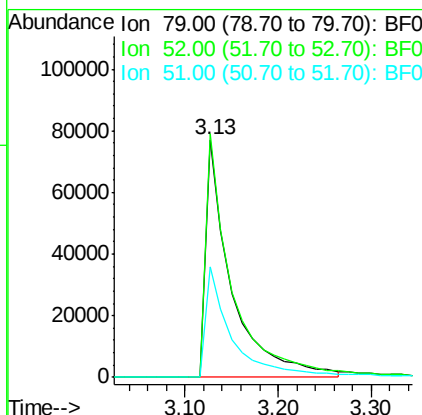
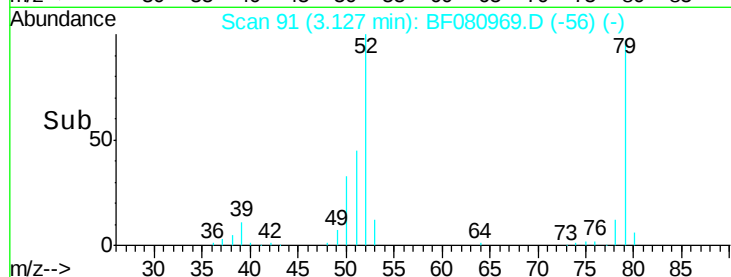
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Tgt Ion:	79	Resp:	149862
Ion	Ratio	Lower	Upper
79	100		
52	102.7	77.2	115.8
51	46.5	35.0	52.4

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#4

n-Nitrosodimethylamine

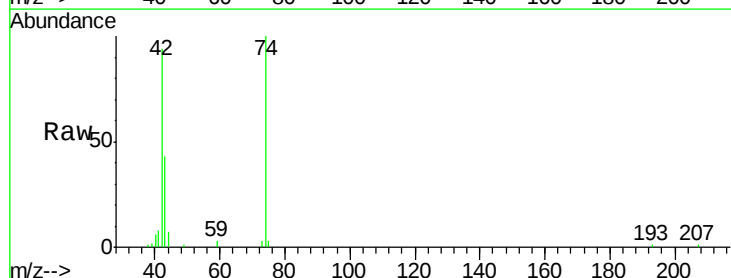
Concen: 43.25 ng

RT: 3.08 min Scan# 87

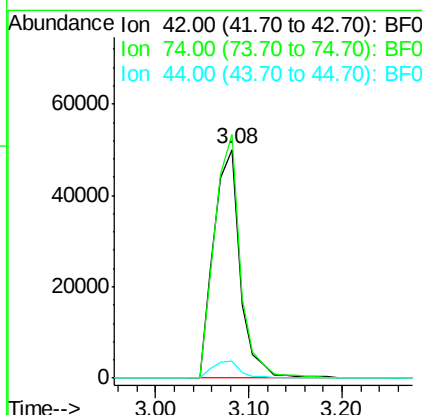
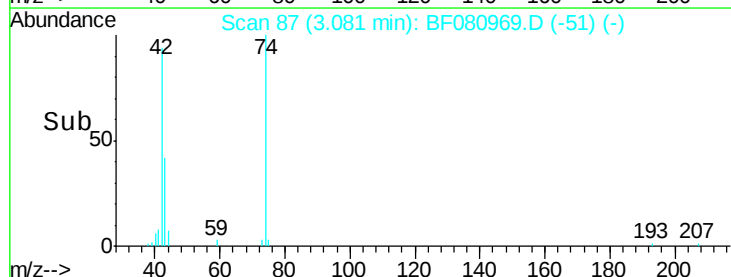
Delta R.T. 0.11 min

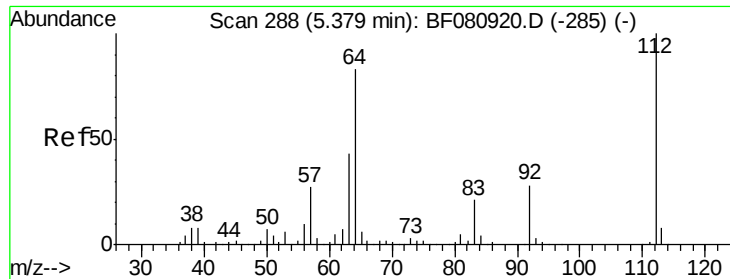
Lab File: BF080969.D

Acq: 11 Aug 2015 19:05



Tgt Ion:	42	Resp:	99096
Ion	Ratio	Lower	Upper
42	100		
74	106.5	89.8	134.8
44	7.2	6.5	9.7





#5

2-Fluorophenol

Concen: 128.42 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080969.D

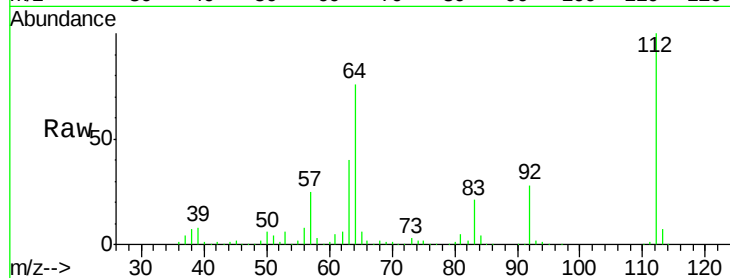
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

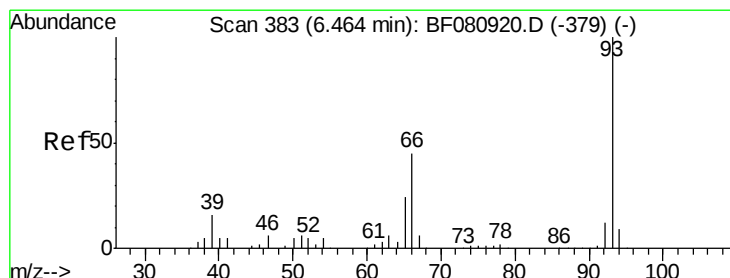
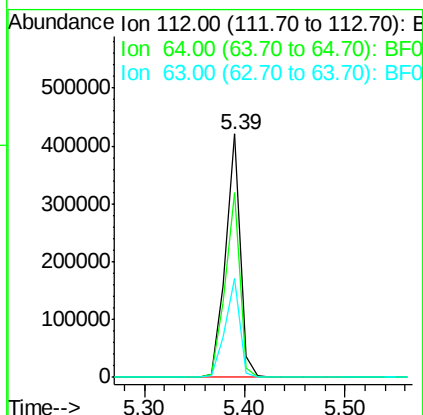
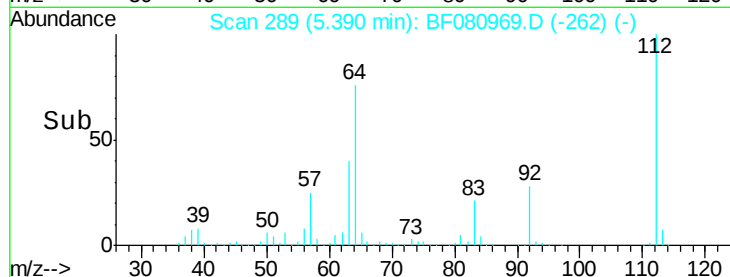
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Tgt Ion:	112	Resp:	428556
Ion Ratio	Lower	Upper	
112	100		
64	76.1	66.1	99.1
63	40.4	34.6	52.0

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#6

Aniline

Concen: 29.07 ng

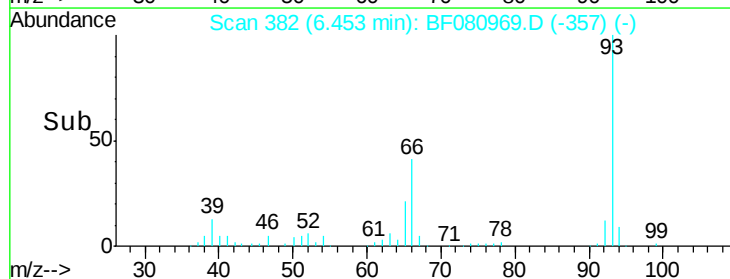
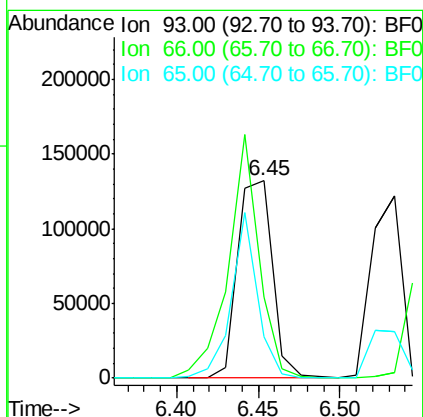
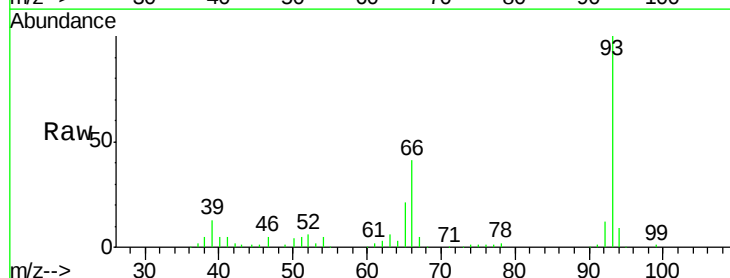
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	93	Resp:	195341
Ion Ratio	Lower	Upper	
93	100		
66	41.0	36.2	54.4
65	21.3	19.0	28.4





#7

Phenol-d6

Concen: 136.28 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080969.D

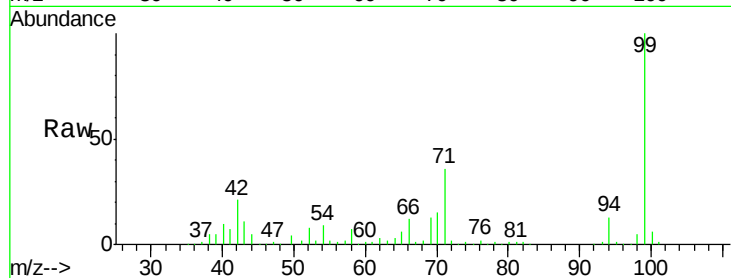
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS



Tgt Ion: 99 Resp: 623232

Ion Ratio Lower Upper

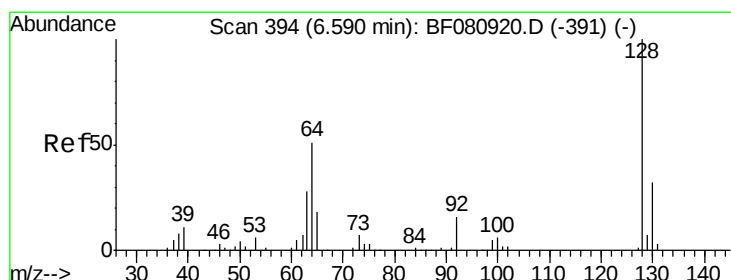
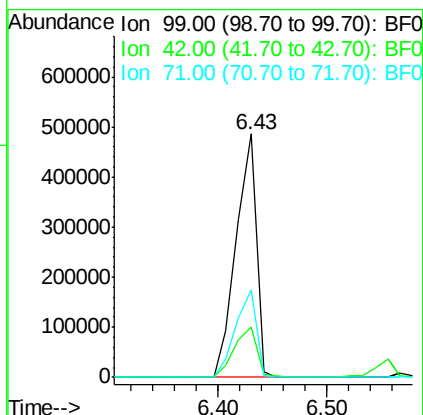
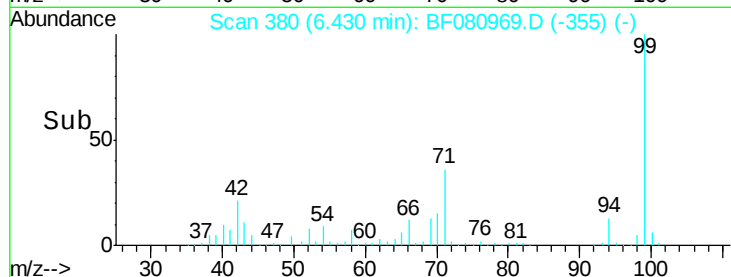
99 100

42 20.9 14.4 21.6

71 36.1 25.8 38.8

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#8

2-Chlorophenol

Concen: 37.52 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

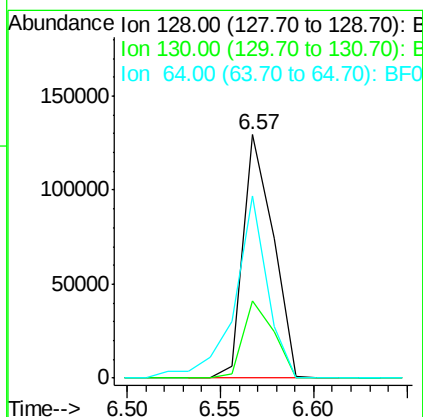
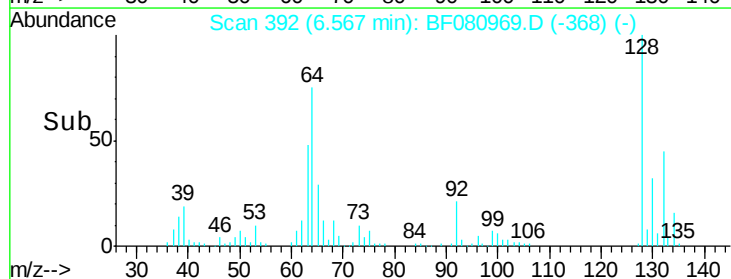
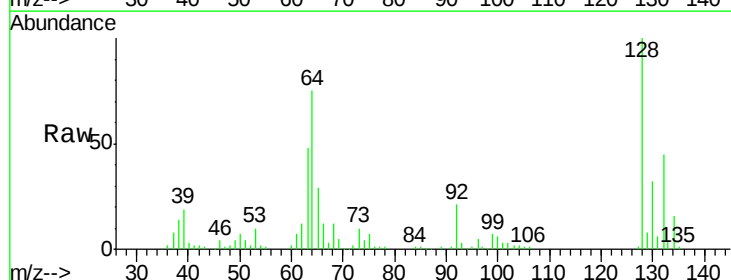
Tgt Ion: 128 Resp: 144887

Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

64 74.9 32.1 72.1#





#9

Benzaldehyde

Concen: 37.67 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

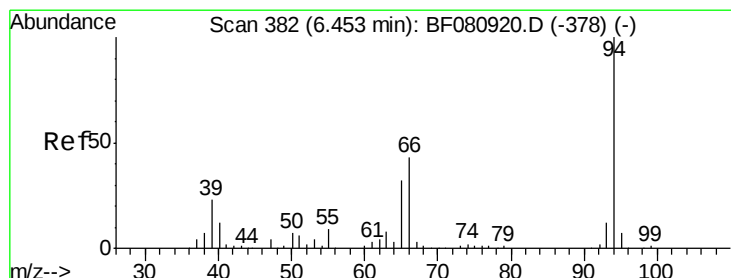
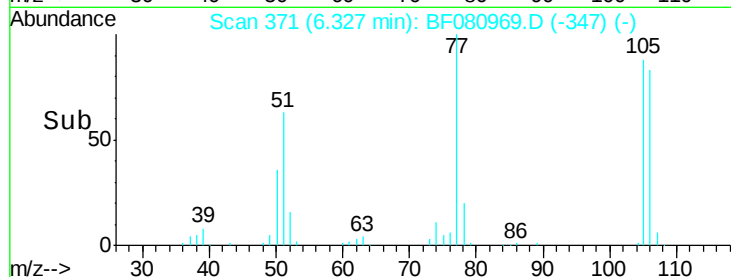
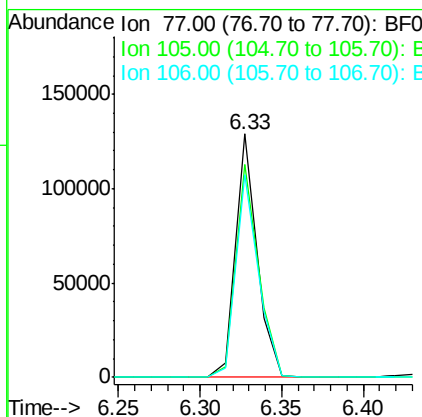
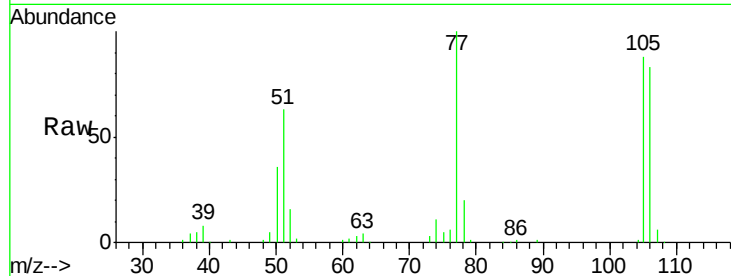
ClientSampleId :

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Tgt Ion:	77	Resp:	116108
Ion	Ratio	Lower	Upper
77	100		
105	87.7	71.6	111.6
106	83.4	65.7	105.7



#10

Phenol

Concen: 45.30 ng

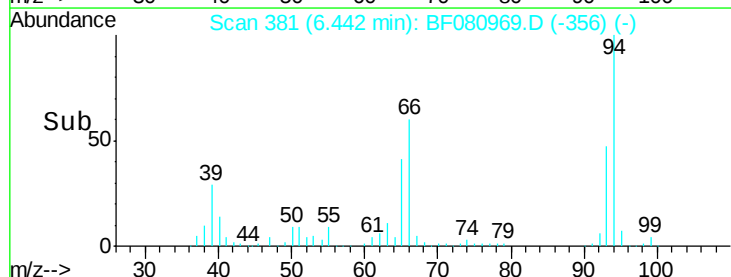
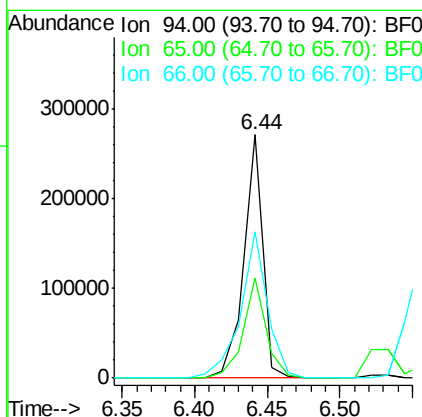
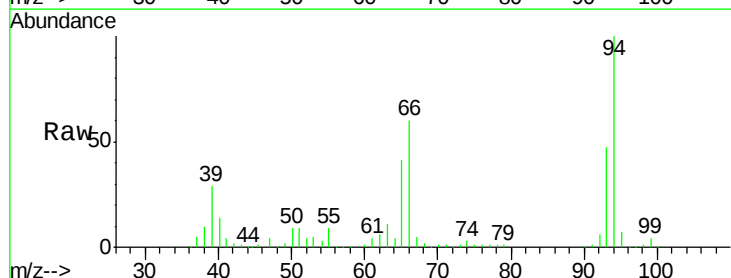
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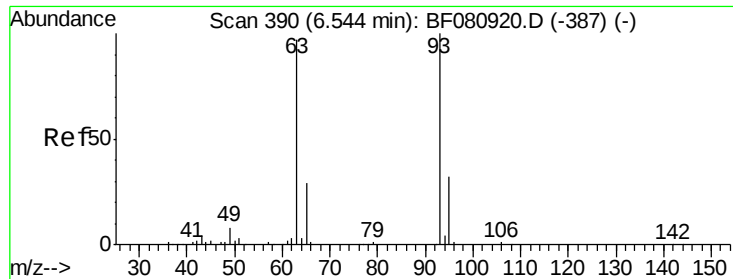
Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	94	Resp:	245765
Ion	Ratio	Lower	Upper
94	100		
65	41.0	11.8	51.8
66	60.1	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 37.85 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

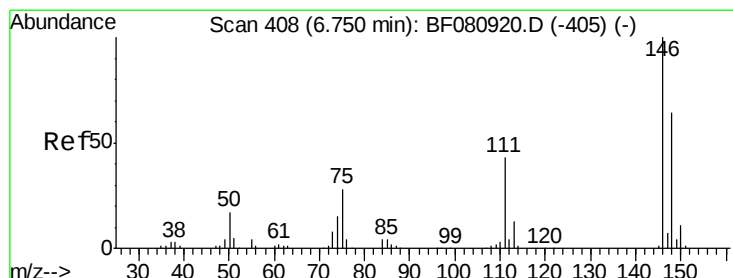
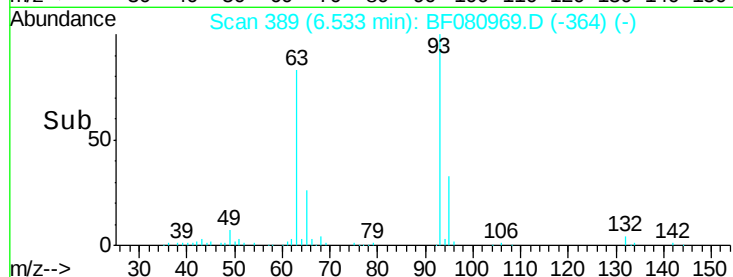
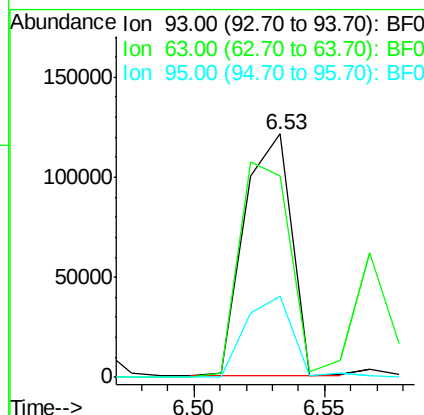
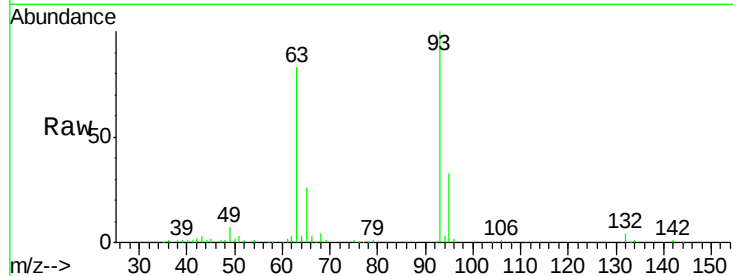
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Tgt Ion:	93	Resp:	153320
Ion	Ratio	Lower	Upper
93	100		
63	82.7	76.7	116.7
95	33.2	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 37.27 ng

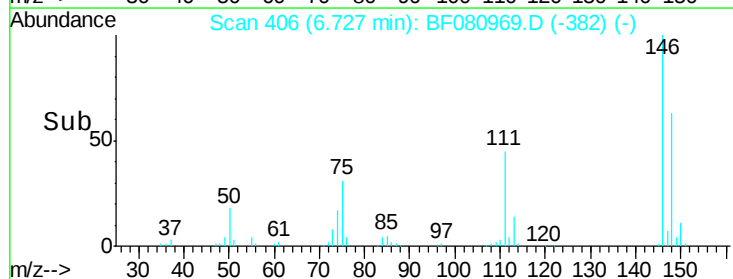
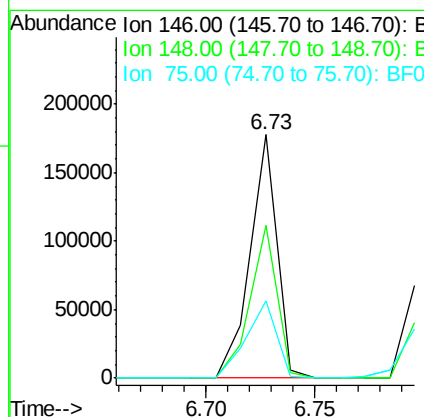
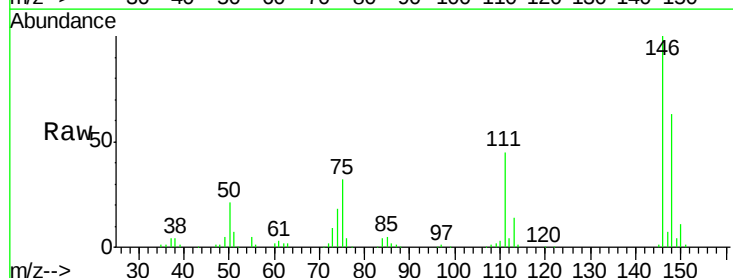
RT: 6.73 min Scan# 406

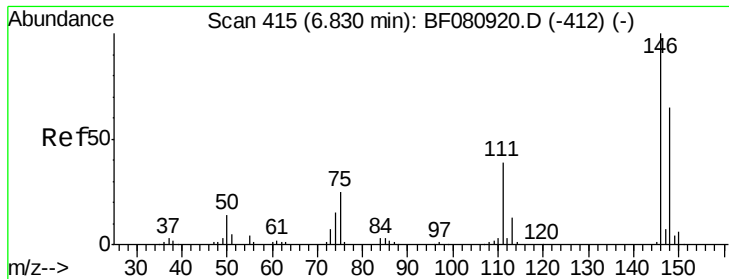
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

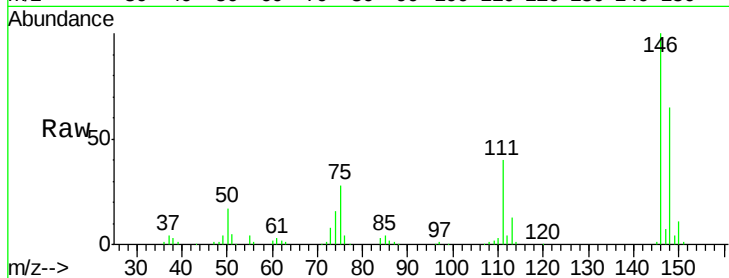
Tgt Ion:	146	Resp:	152740
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	31.6	22.2	33.4





#13
 1,4-Dichlorobenzene
 Concen: 35.44 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

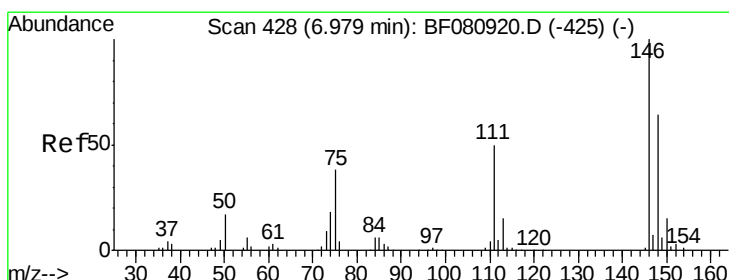
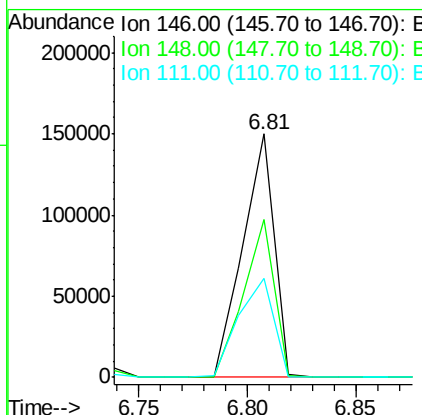
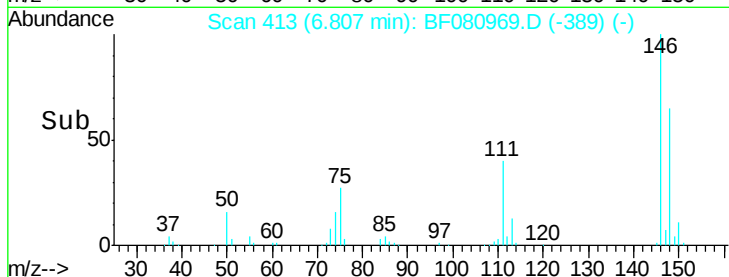
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150903		
148	64.7	52.2	78.4	
111	40.5	31.5	47.3	

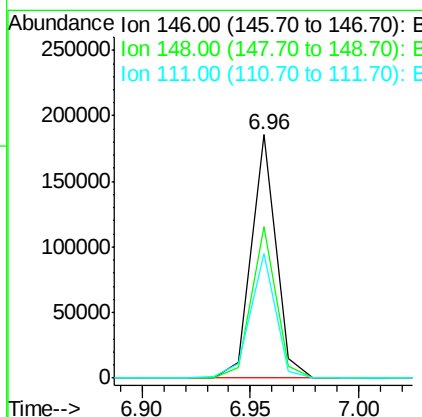
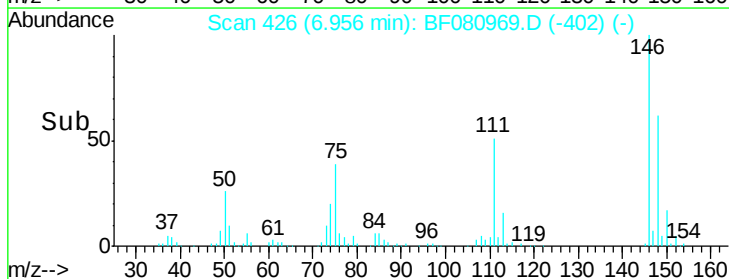
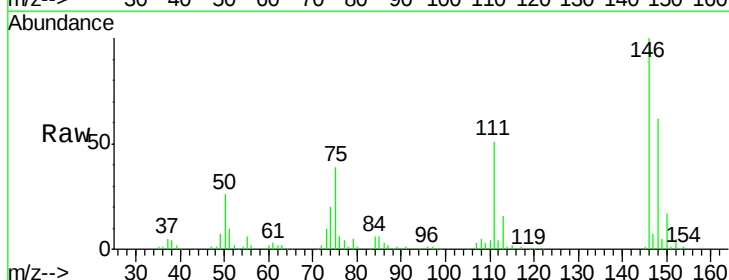
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#14
 1,2-Dichlorobenzene
 Concen: 37.79 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145464		
148	62.1	51.1	76.7	
111	51.2	40.0	60.0	





#15

Benzyl Alcohol

Concen: 37.26 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

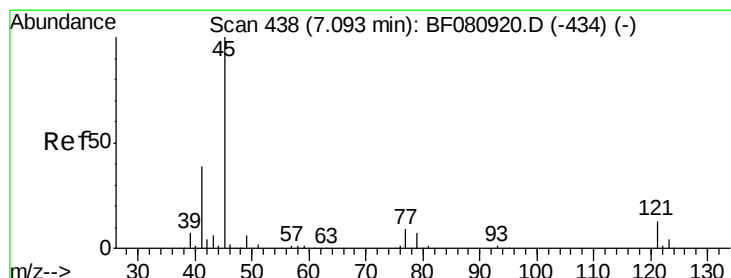
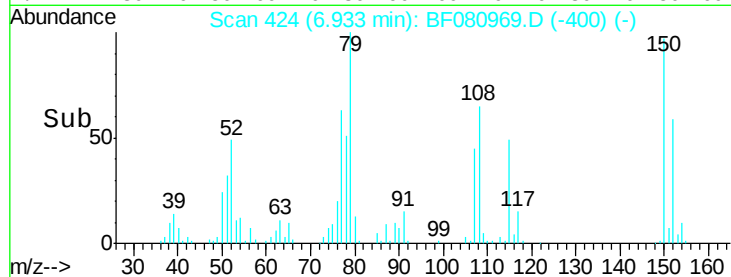
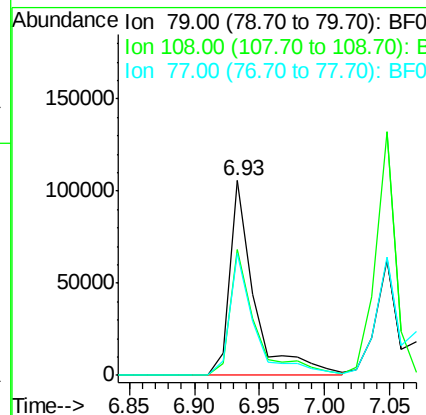
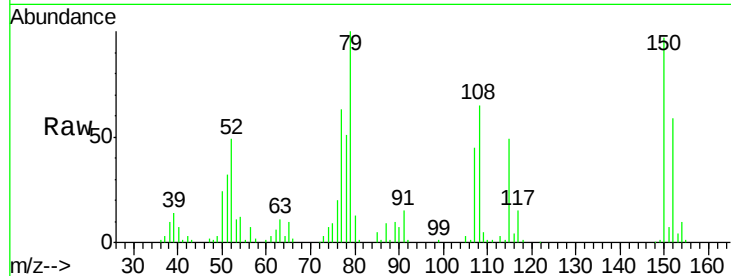
ClientSampleId :

PB84838BS

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Tgt Ion:	79	Resp:	139432
Ion Ratio	Lower	Upper	
79	100		
108	64.5	60.9	91.3
77	63.0	49.4	74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.43 ng

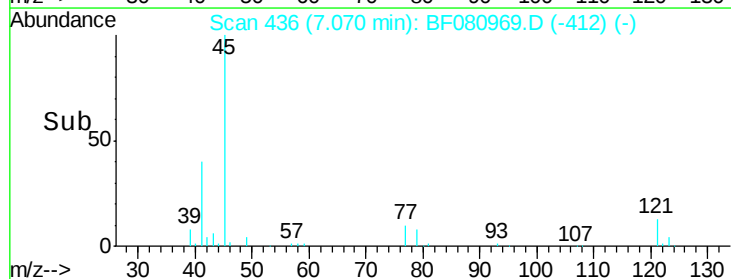
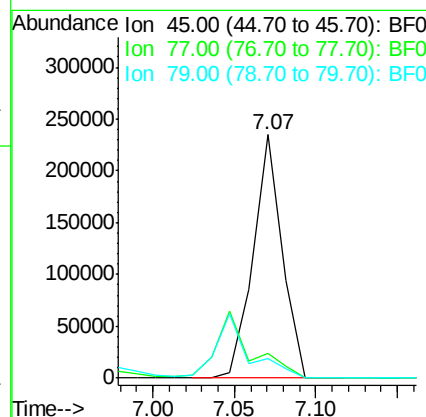
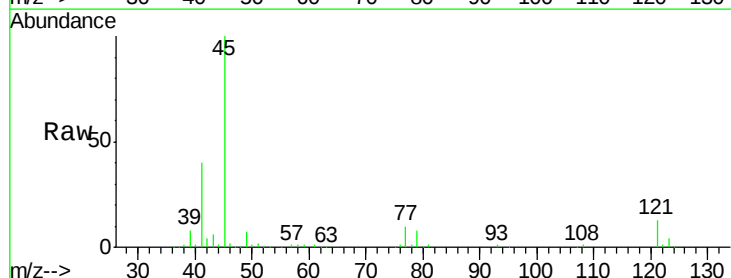
RT: 7.07 min Scan# 436

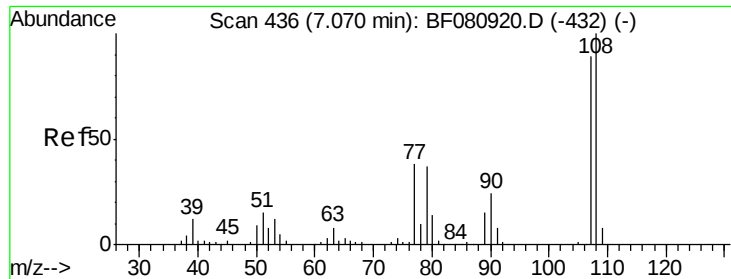
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	45	Resp:	288768
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	29.6
79	7.9	0.0	27.7





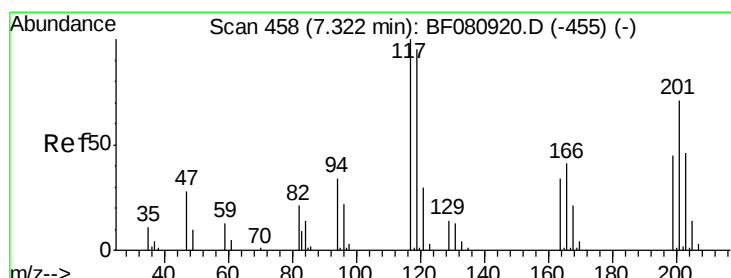
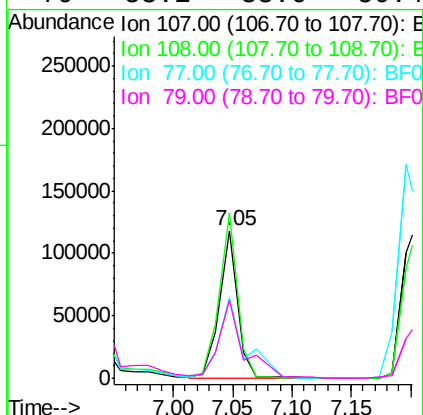
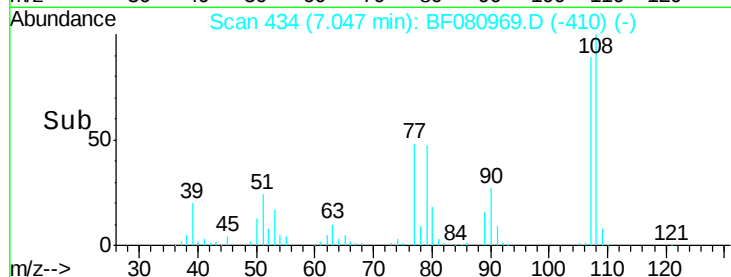
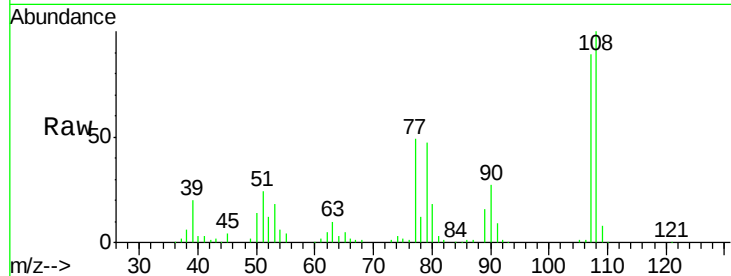
#17
2-Methylphenol
Concen: 38.12 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tgt Ion:	107	Resp:	125656
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.3	135.5
77	54.4	34.6	51.8#
79	53.1	33.6	50.4#

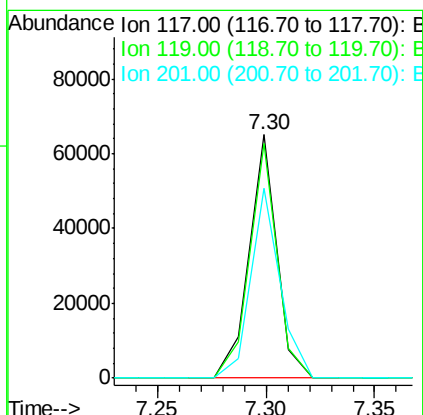
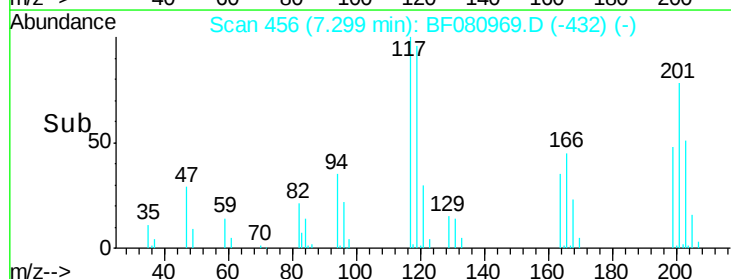
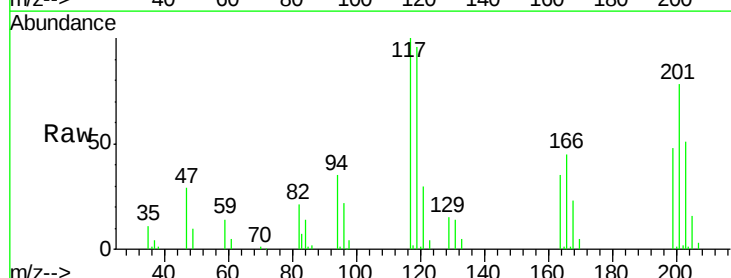
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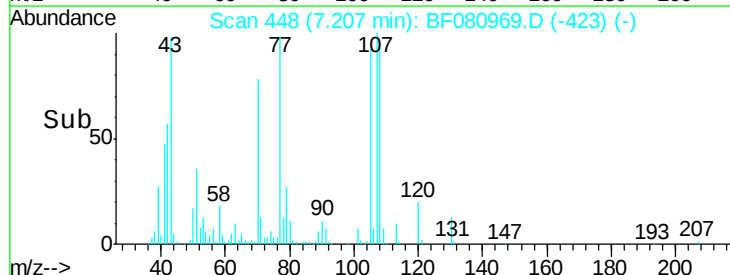
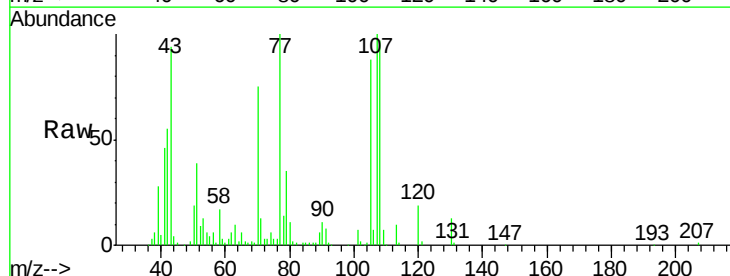
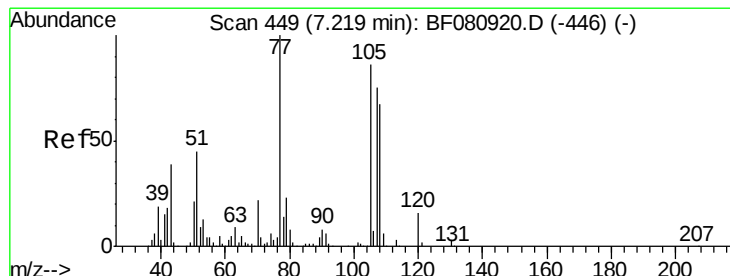
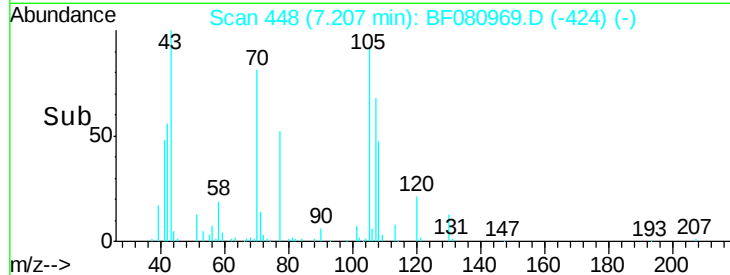
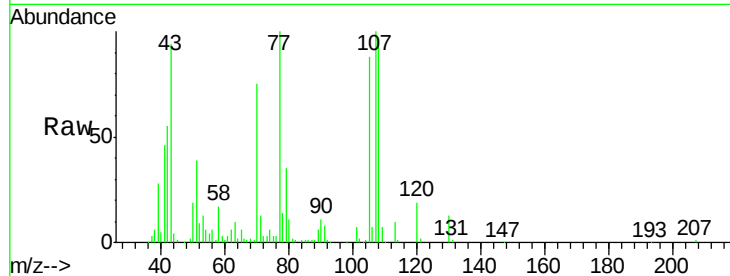
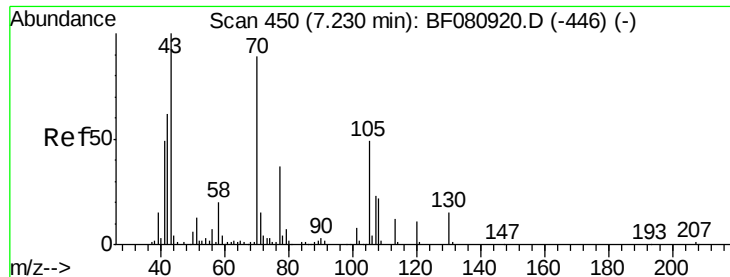
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#18
Hexachloroethane
Concen: 35.24 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:	117	Resp:	57494
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.3	114.5
201	77.9	57.0	85.6

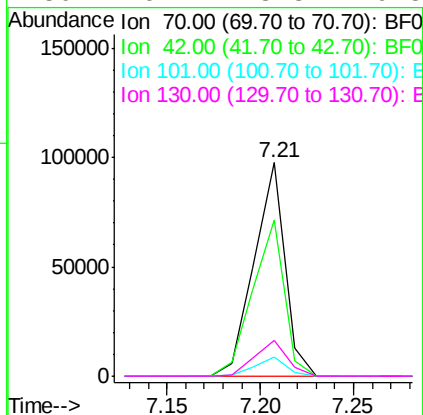




#19
n-Nitroso-di-n-propylamine
Concen: 33.87 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	72.9	55.7	83.5	
101	8.8	7.0	10.6	
130	16.7	13.8	20.8	

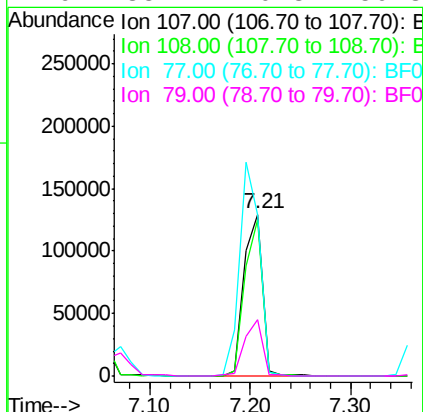


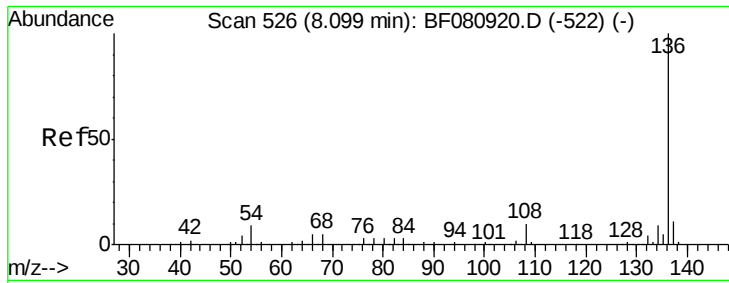
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#20
3+4-Methylphenols
Concen: 40.05 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

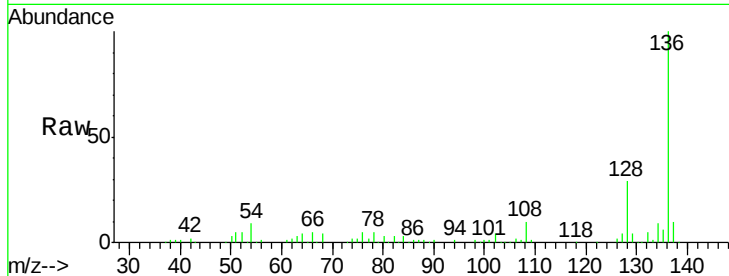
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	96.9	69.2	109.2	
77	100.3	113.0	153.0#	
79	35.2	10.3	50.3	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

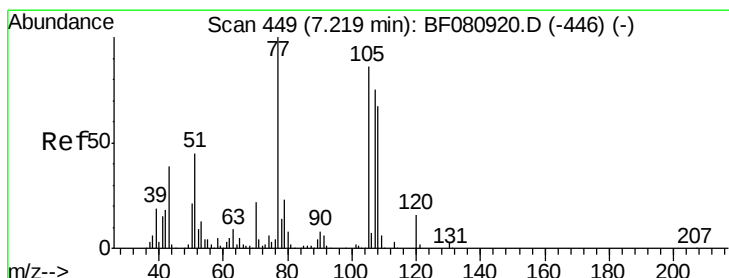
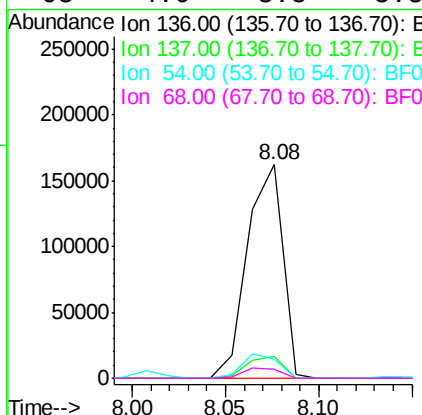
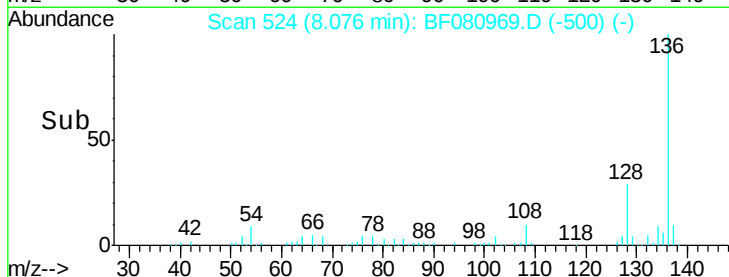
Instrument :
BNA_F
ClientSampleId :
PB84838BS



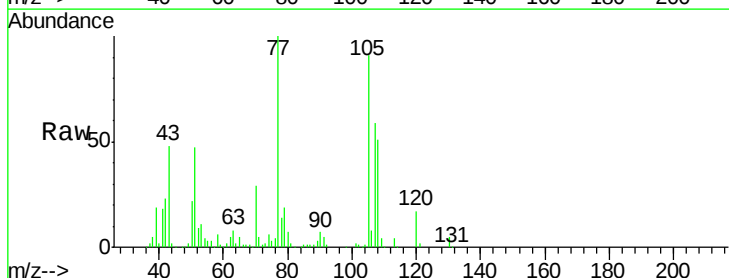
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.4	8.5	12.7
54	8.8	7.1	10.7
68	4.0	3.8	5.8

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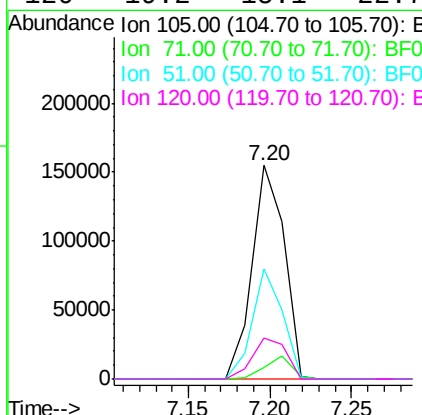
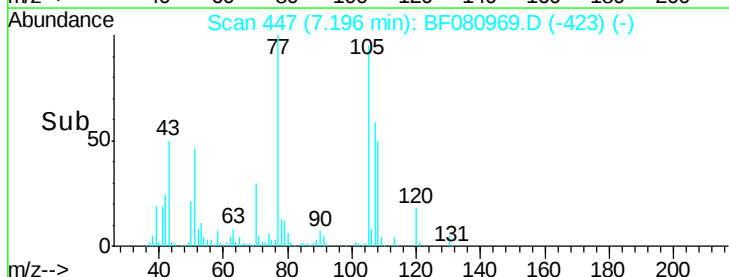
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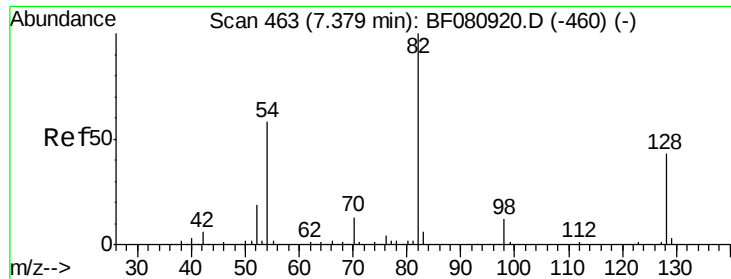


#22
Acetophenone
Concen: 40.85 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.3	3.3	4.9#
51	51.6	41.8	62.6
120	19.2	15.1	22.7





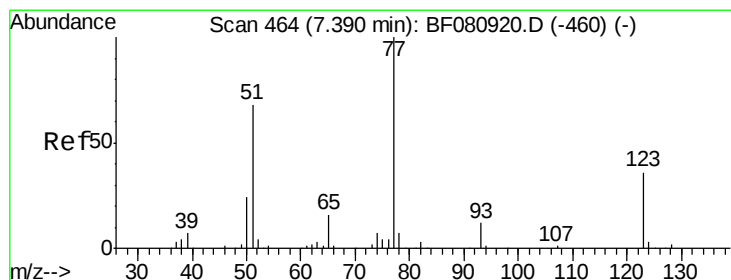
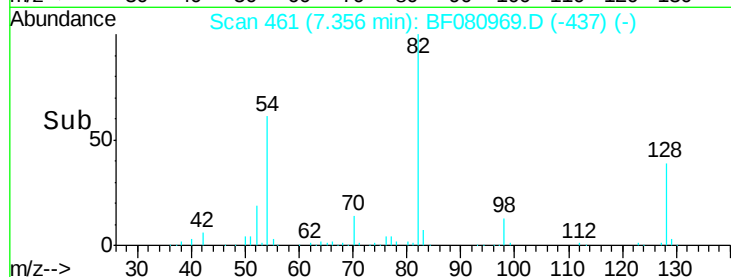
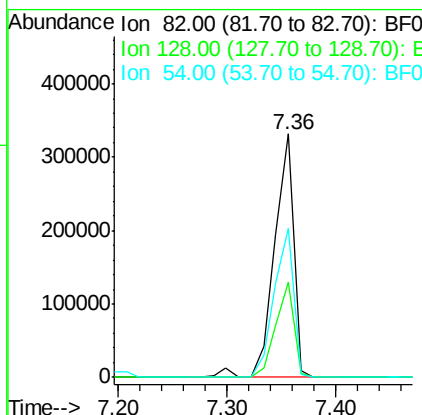
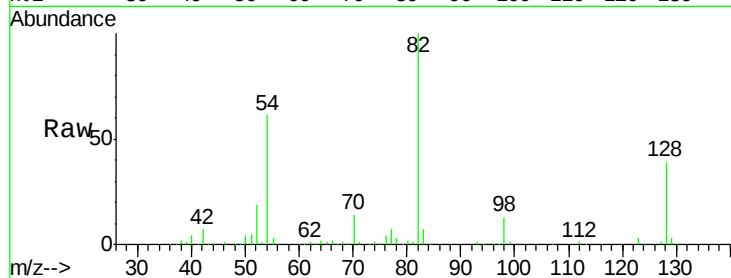
#23
 Nitrobenzene-d5
 Concen: 90.81 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.3	34.1	51.1
54	61.2	46.5	69.7

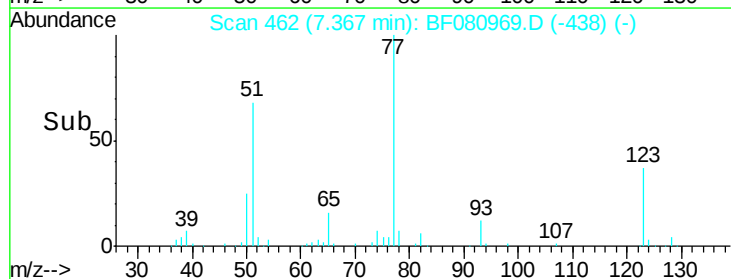
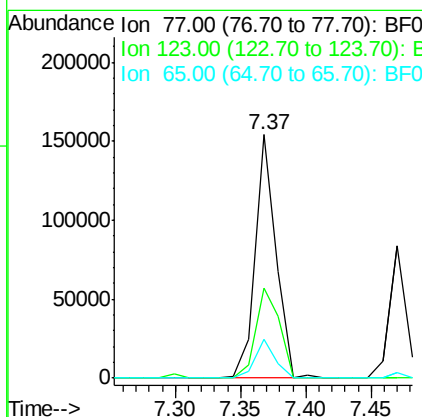
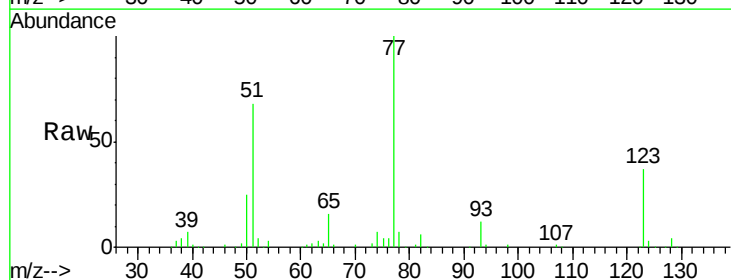
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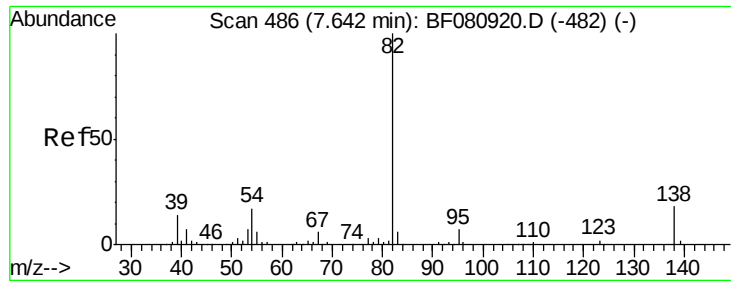
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#24
 Nitrobenzene
 Concen: 37.07 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	37.2	28.7	43.1
65	15.8	12.5	18.7





#25

Isophorone

Concen: 38.42 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

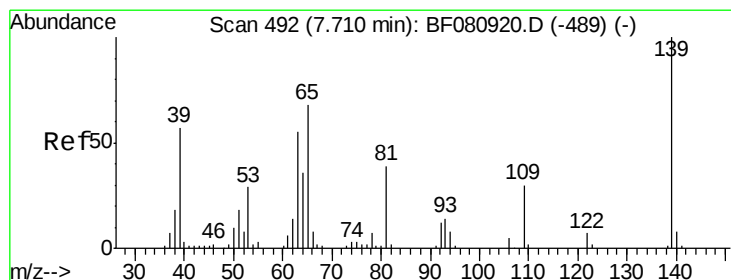
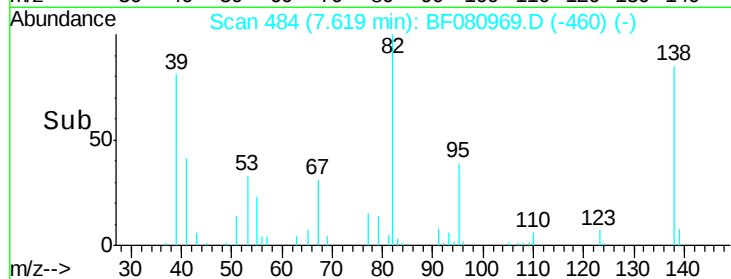
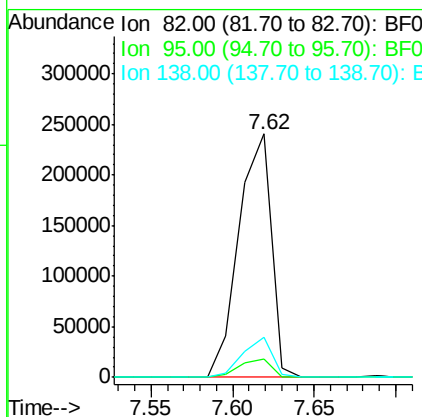
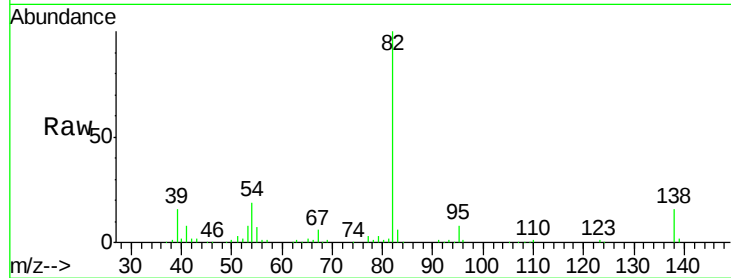
ClientSampleId :

PB84838BS

Tgt Ion:	82	Resp:	332602
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.6
138	16.4	14.1	21.1

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#26

2-Nitrophenol

Concen: 38.71 ng

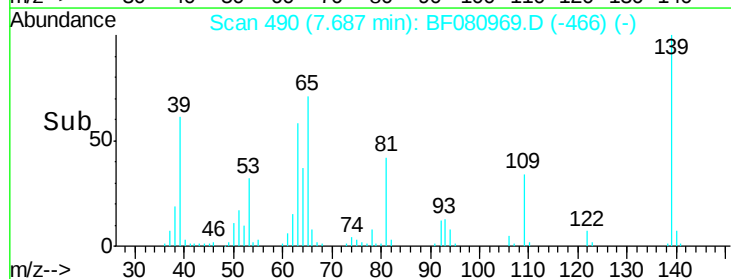
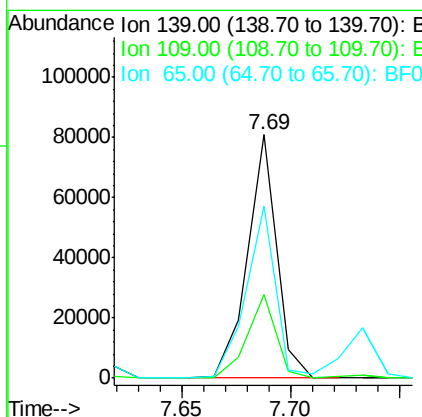
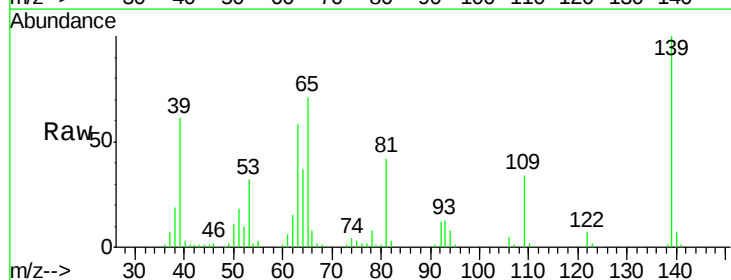
RT: 7.69 min Scan# 490

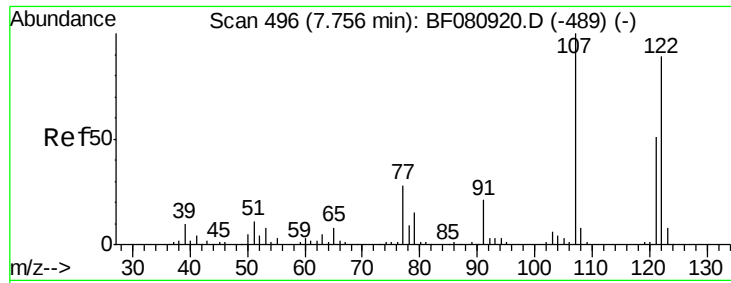
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

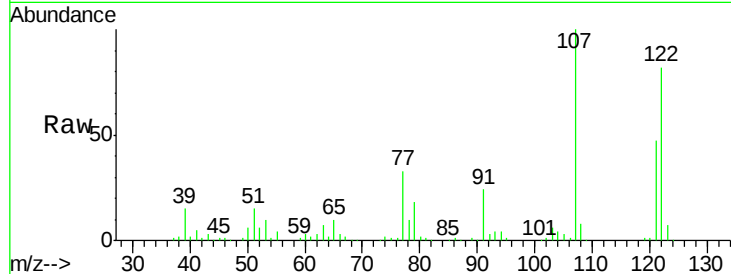
Tgt Ion:	139	Resp:	75496
Ion Ratio	Lower	Upper	
139	100		
109	34.1	24.1	36.1
65	70.8	54.0	81.0





#27
 2,4-Dimethylphenol
 Concen: 40.88 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

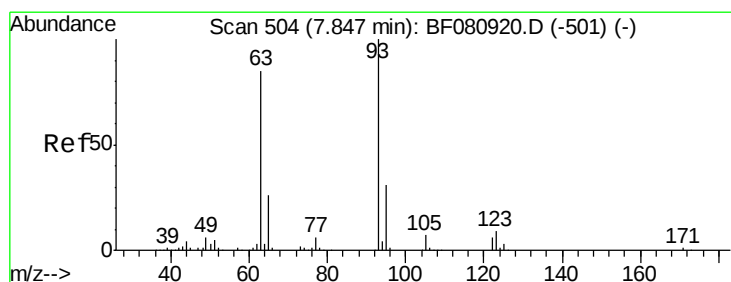
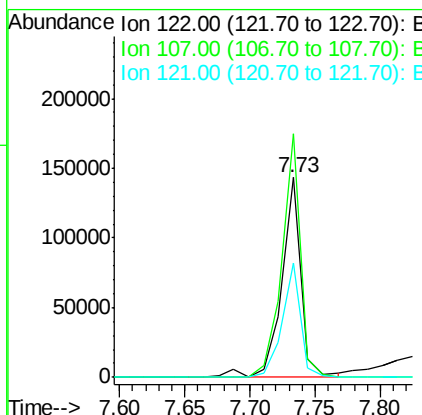
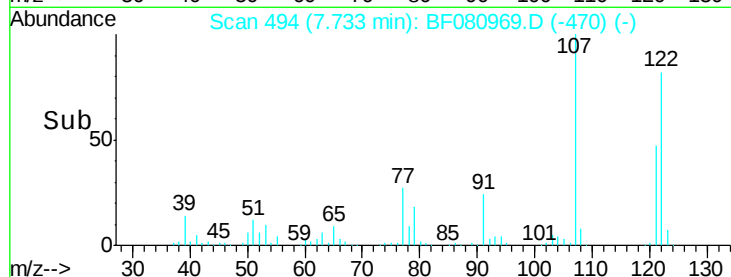
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS



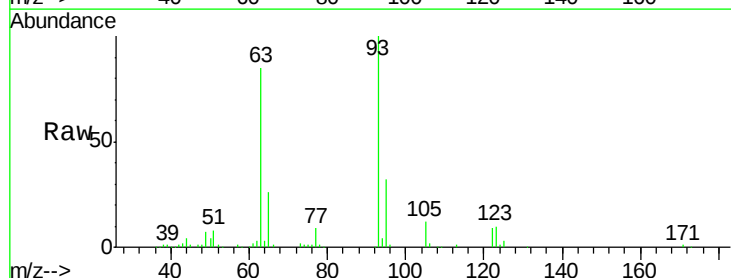
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	149268		
107	122.0	90.2	135.4	
121	57.4	46.0	69.0	

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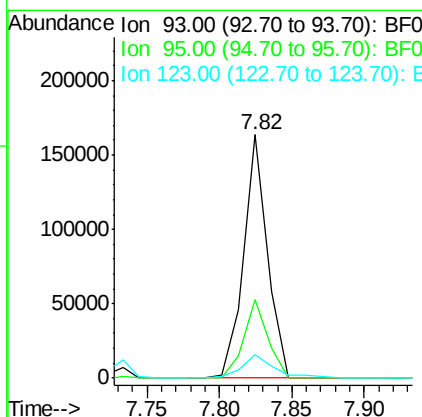
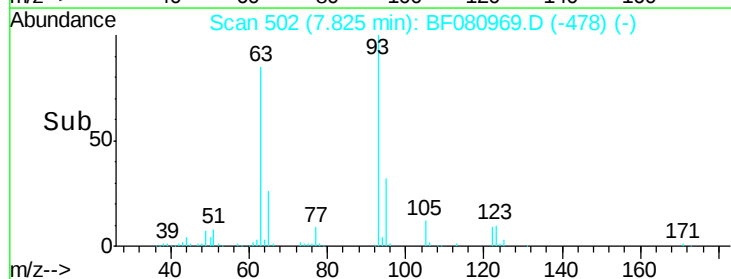
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.69 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	185469		
95	32.1	25.0	37.4	
123	9.7	7.4	11.0	





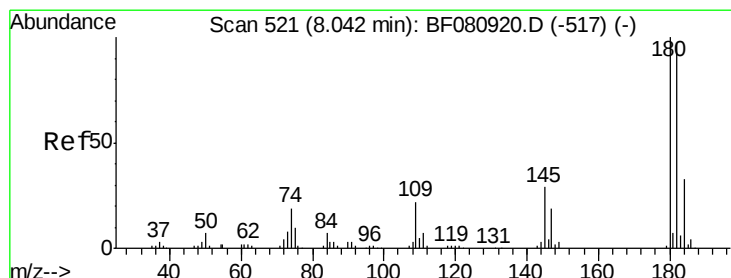
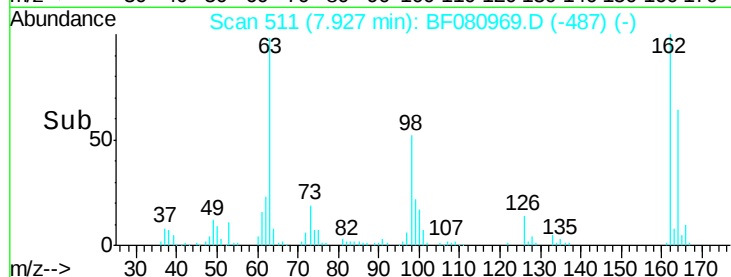
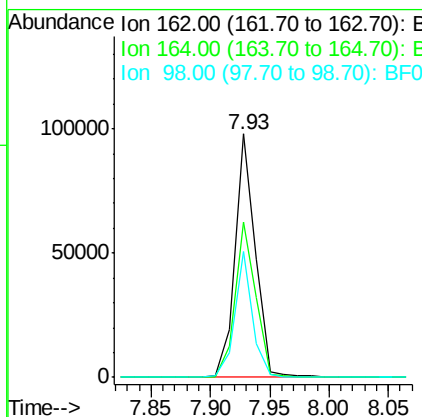
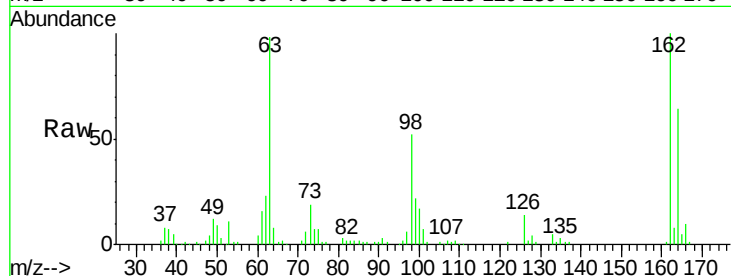
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampled :
 PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	116436		
164	63.8	42.3	82.3	
98	51.9	27.7	67.7	

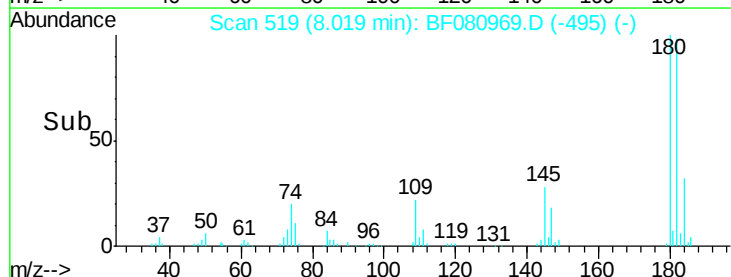
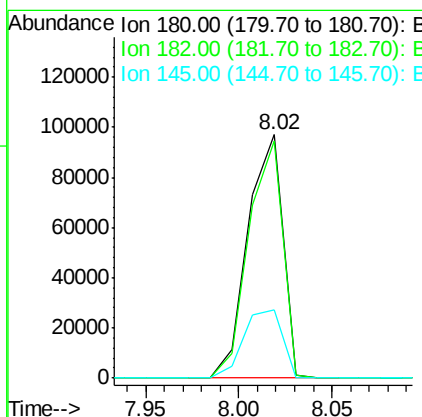
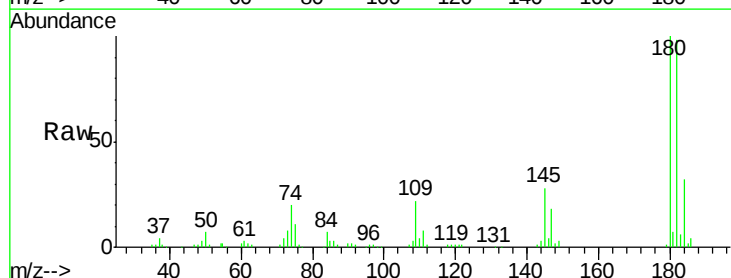
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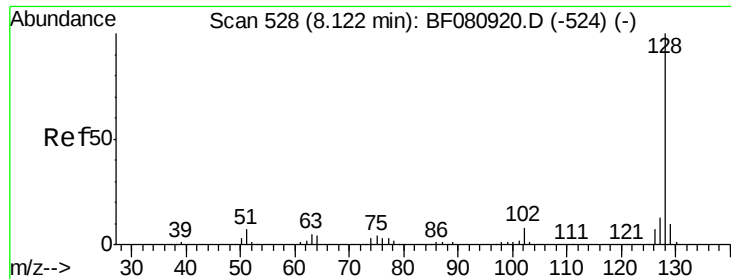
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.24 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125413		
182	97.5	77.4	116.0	
145	28.2	23.2	34.8	





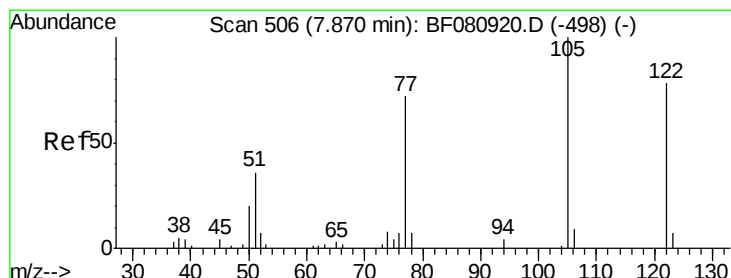
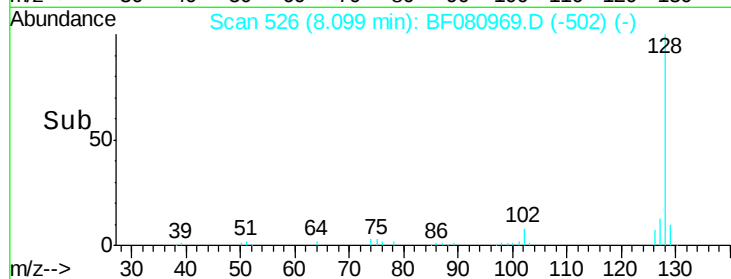
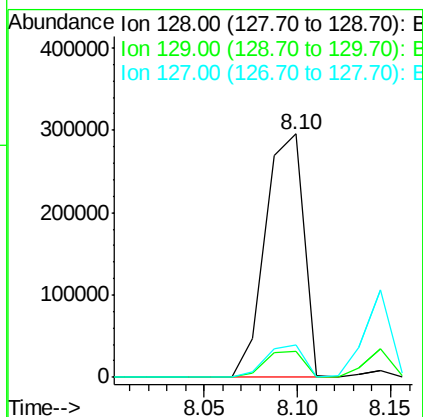
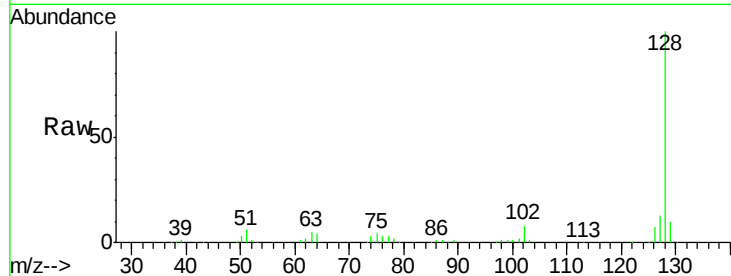
#31
Naphthalene
Concen: 35.97 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	422094		
129	10.4	8.4	12.6	
127	13.1	10.5	15.7	

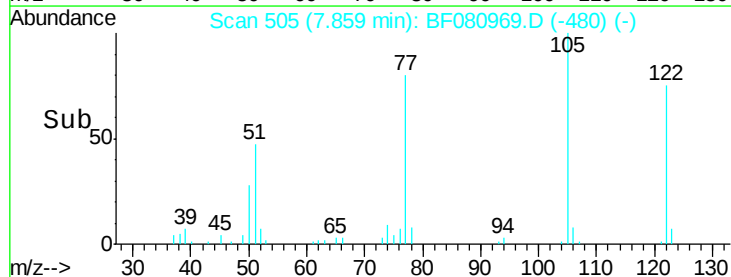
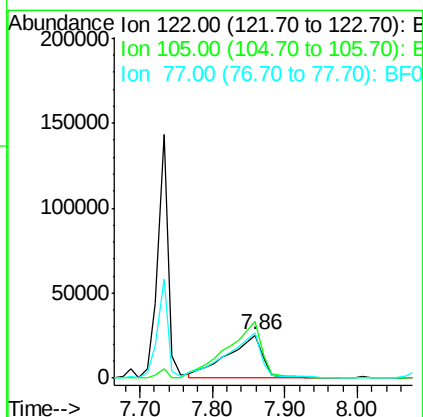
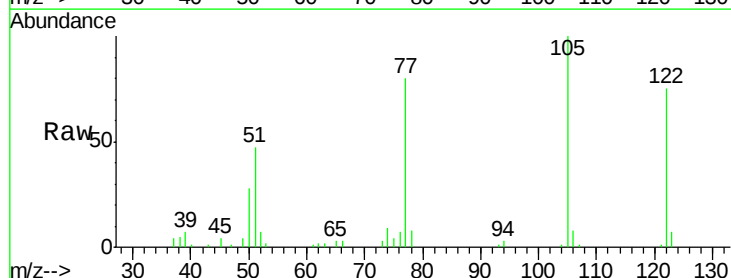
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#32
Benzoic acid
Concen: 40.37 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	88245		
105	133.5	103.6	143.6	
77	106.5	70.4	110.4	





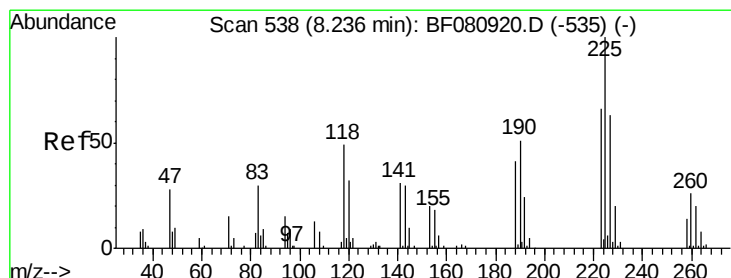
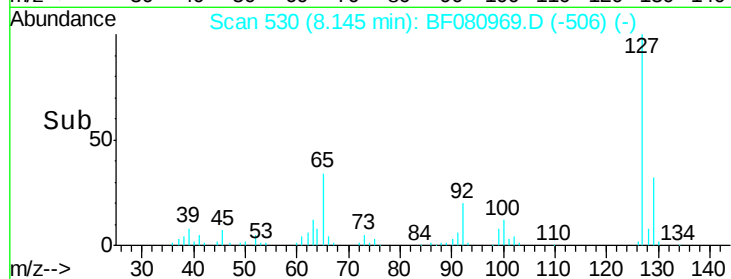
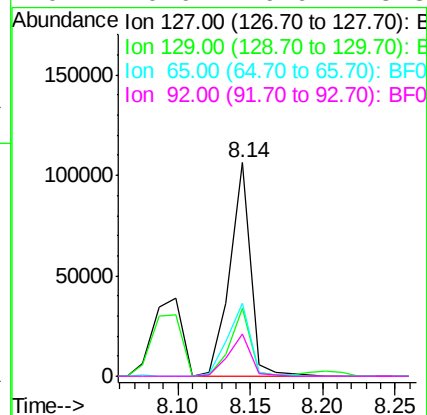
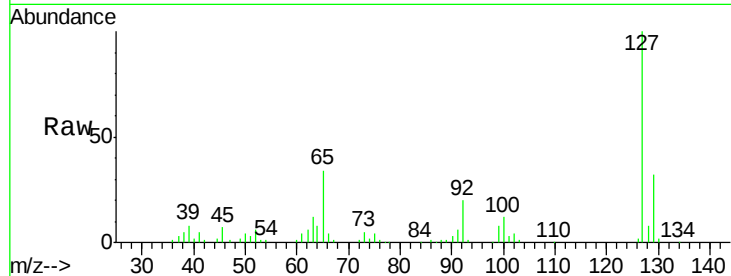
#33
4-Chloroaniline
Concen: 22.20 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.0	25.9	38.9
65	34.4	30.6	45.8
92	19.9	16.9	25.3

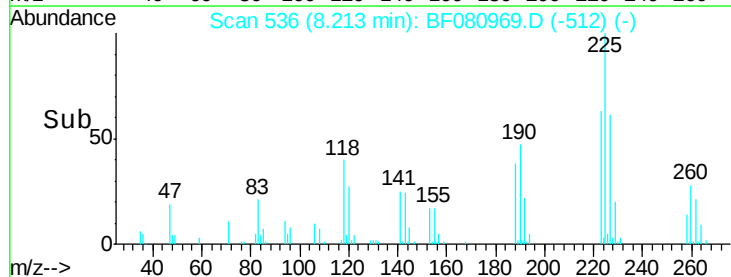
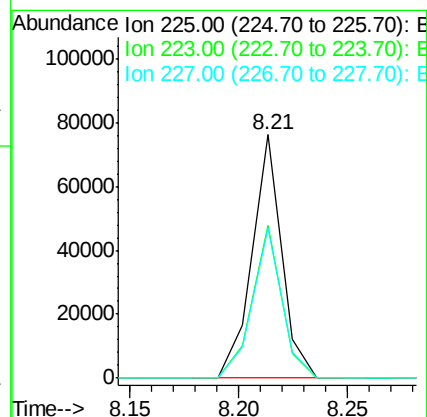
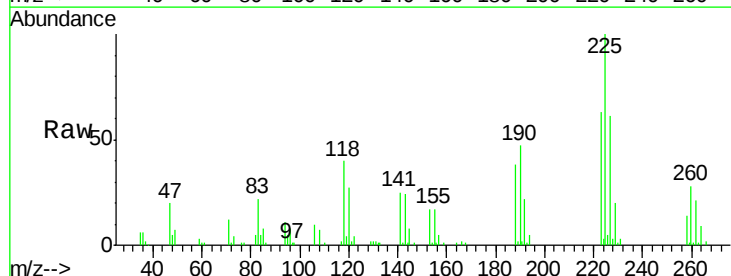
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#34
Hexachlorobutadiene
Concen: 36.87 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.6	52.5	78.7
227	61.4	50.3	75.5





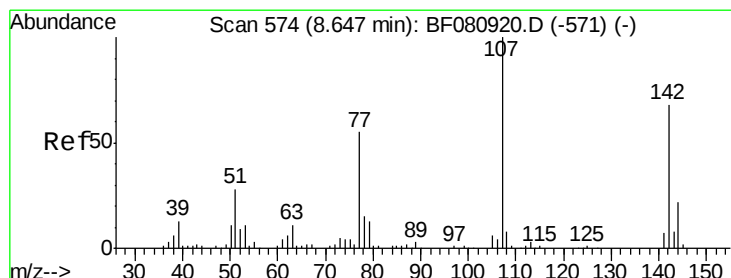
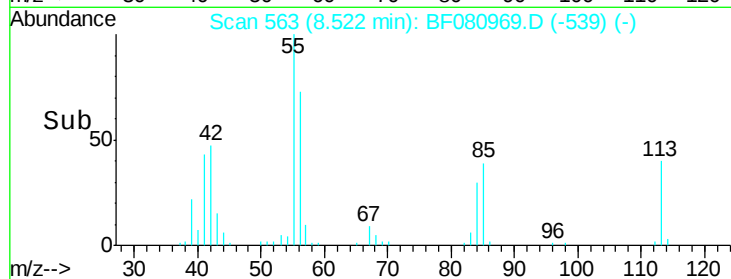
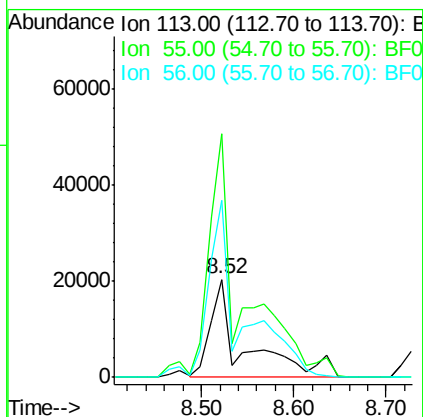
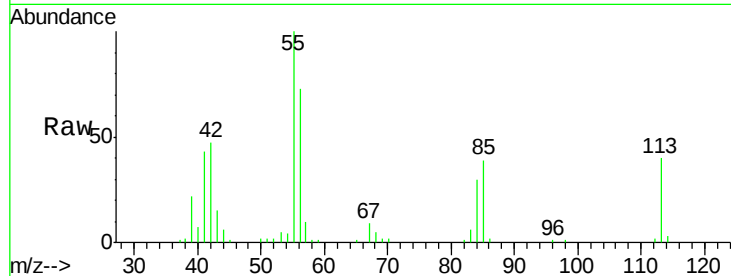
#35
 Caprolactam
 Concen: 46.96 ng m
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion:113 Resp: 50684
 Ion Ratio Lower Upper
 113 100
 55 248.0 196.4 236.4#
 56 179.9 137.9 177.9#

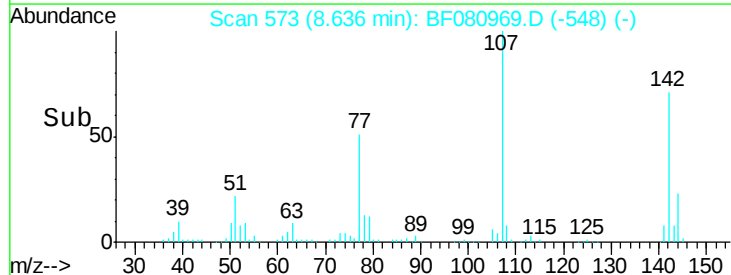
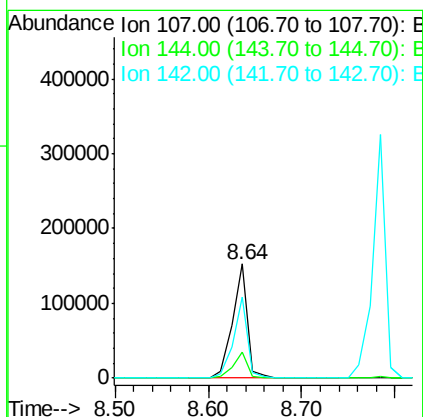
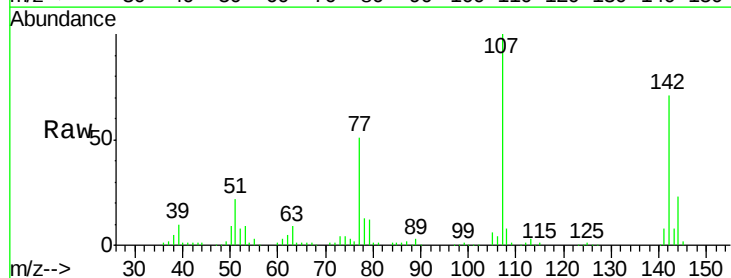
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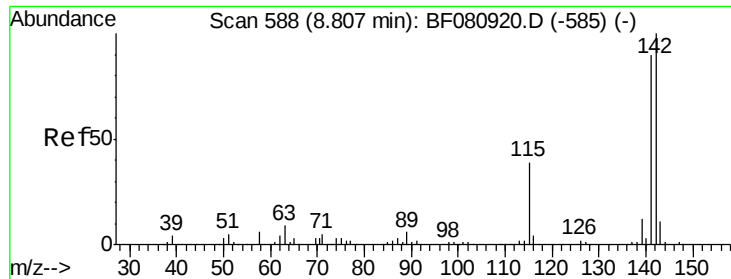
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#36
 4-Chloro-3-methylphenol
 Concen: 46.79 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:107 Resp: 171303
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.3 25.9
 142 71.4 54.4 81.6





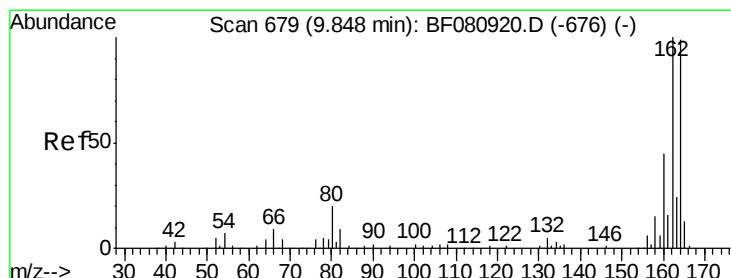
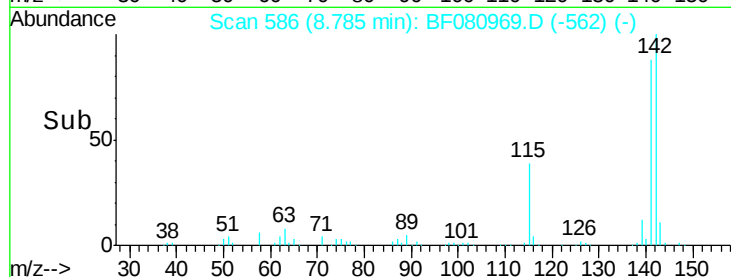
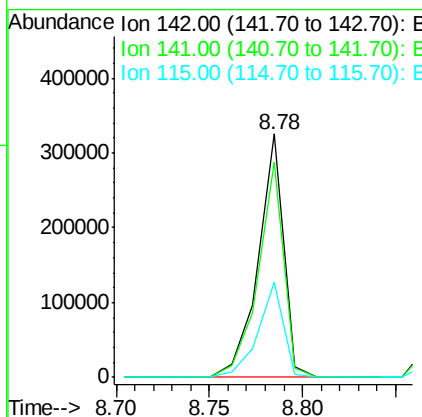
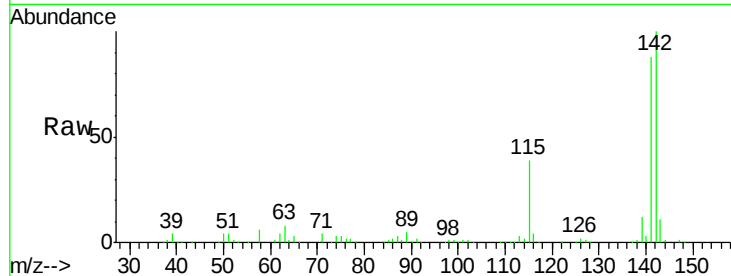
#37
 2-Methylnaphthalene
 Concen: 41.75 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	311888		
141	88.4	71.7	107.5	
115	39.0	30.9	46.3	

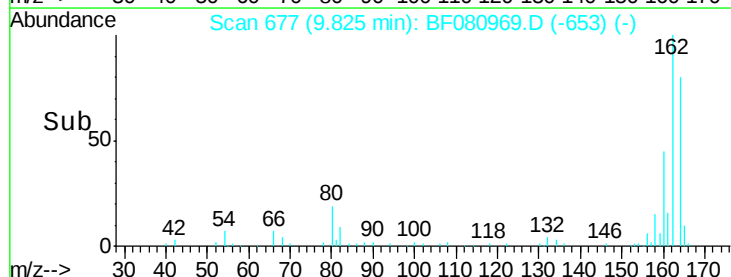
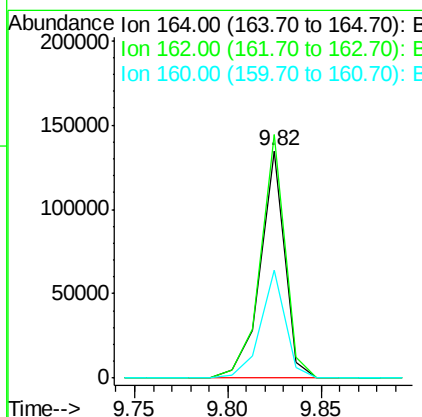
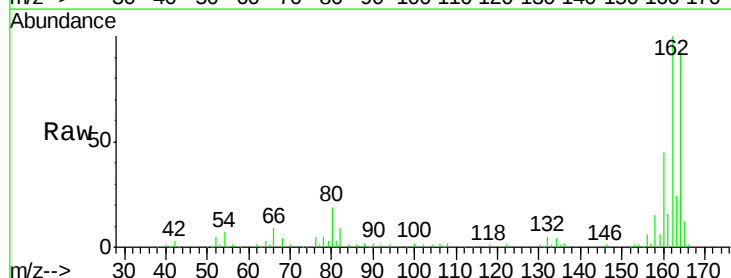
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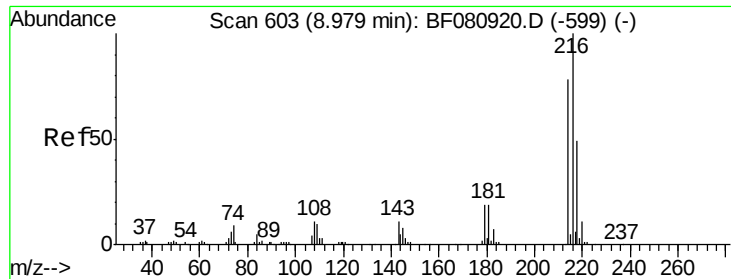
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121596		
162	107.0	80.5	120.7	
160	47.7	36.6	54.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.64 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080969.D

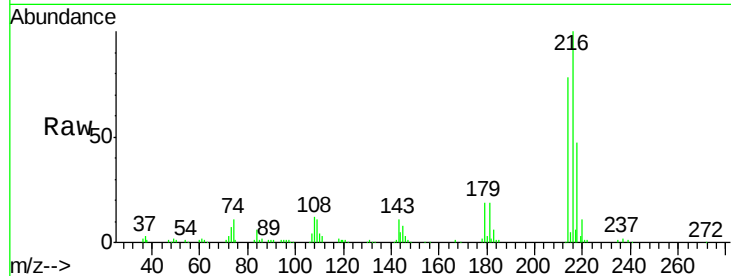
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS



Tgt Ion: 216 Resp: 126102

Ion Ratio Lower Upper

216 100

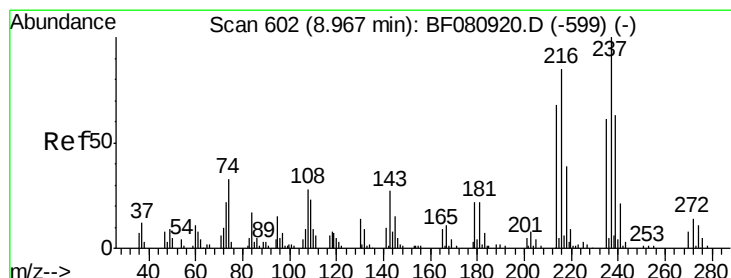
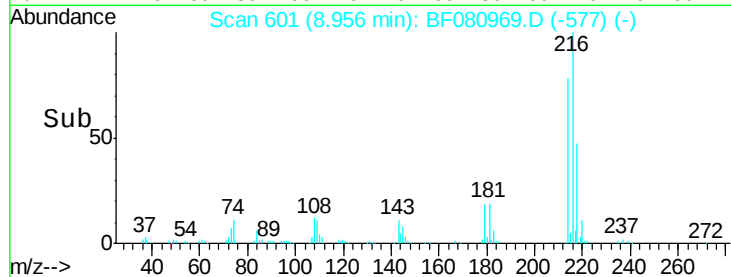
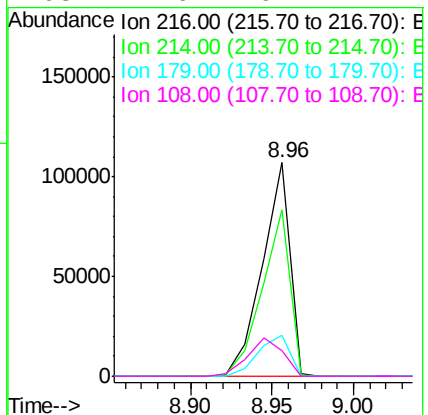
214 78.6 63.0 94.4

179 21.6 17.2 25.8

108 22.6 16.1 24.1

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#40

Hexachlorocyclopentadiene

Concen: 82.15 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

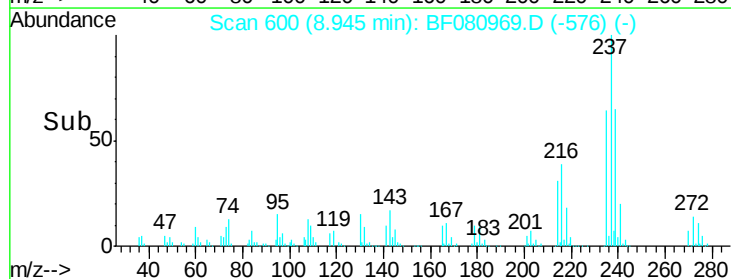
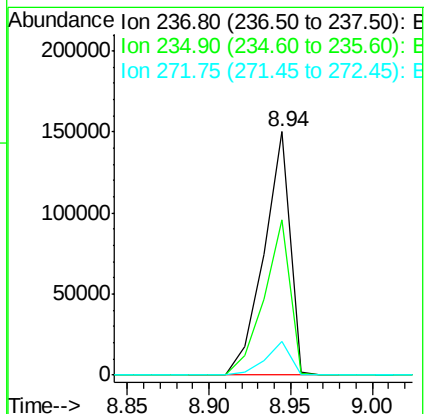
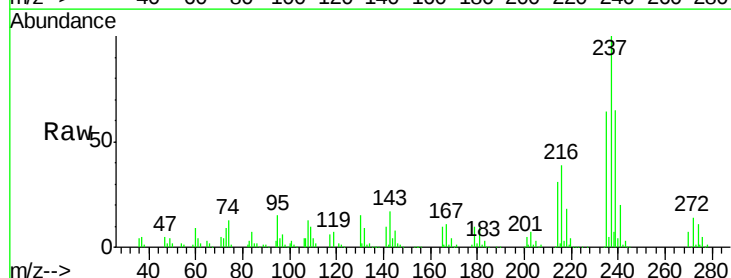
Tgt Ion: 237 Resp: 168042

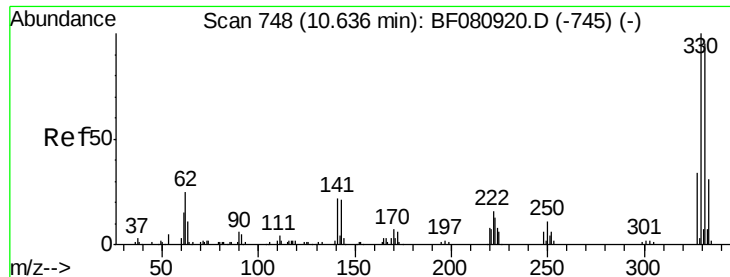
Ion Ratio Lower Upper

237 100

235 63.8 41.3 81.3

272 14.0 0.0 33.6





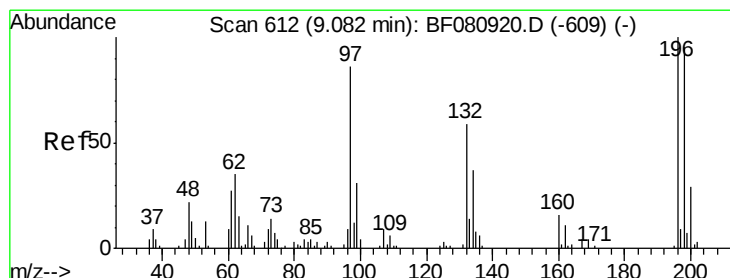
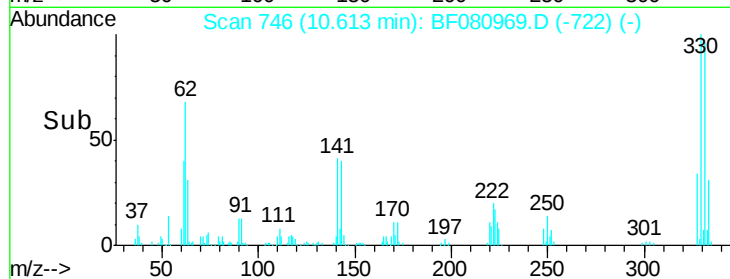
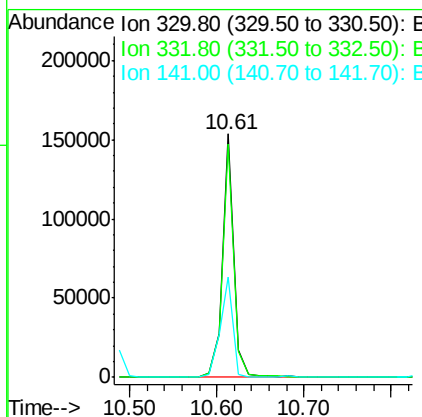
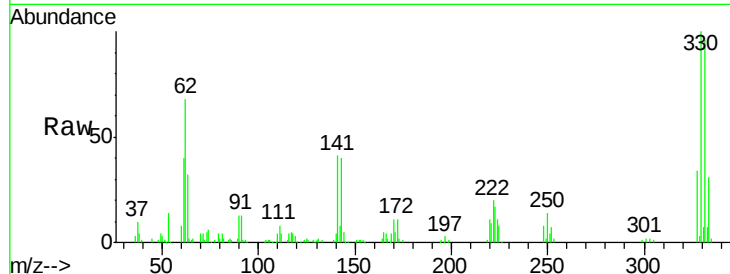
#41
 2,4,6-Tribromophenol
 Concen: 106.39 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142128		
332	97.0	76.2	114.4	
141	46.1	27.8	41.8#	

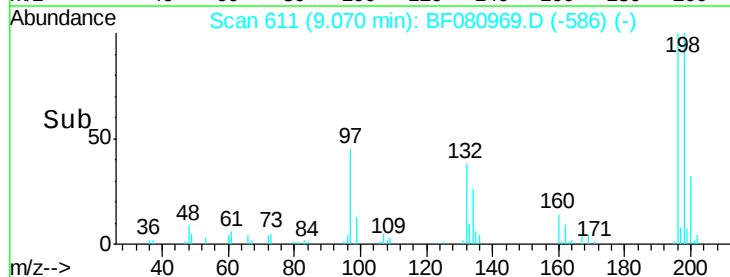
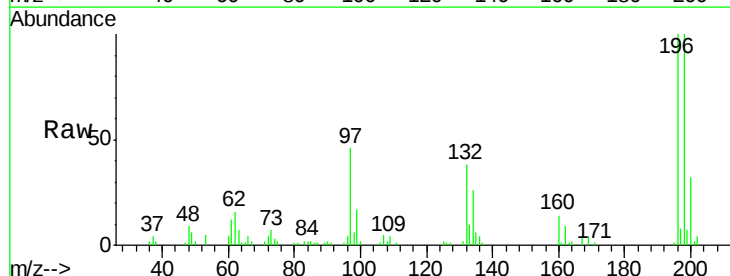
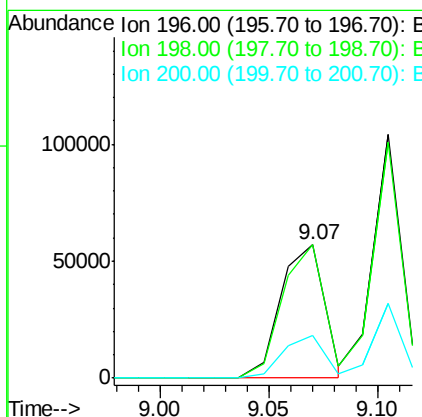
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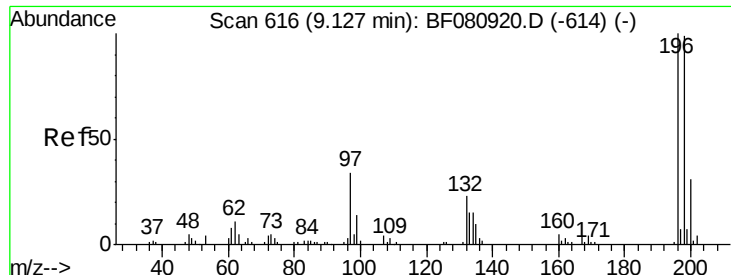
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#42
 2,4,6-Trichlorophenol
 Concen: 29.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80090		
198	100.2	75.9	113.9	
200	31.7	23.1	34.7	





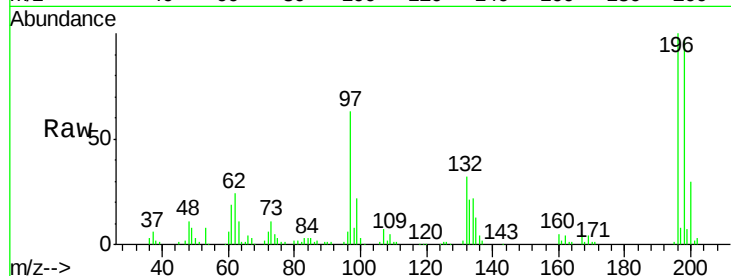
#43
 2,4,5-Trichlorophenol
 Concen: 36.51 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101075		
198	96.8	78.9	118.3	
97	62.6	29.1	43.7#	
132	31.8	19.1	28.7#	

Manual Integrations
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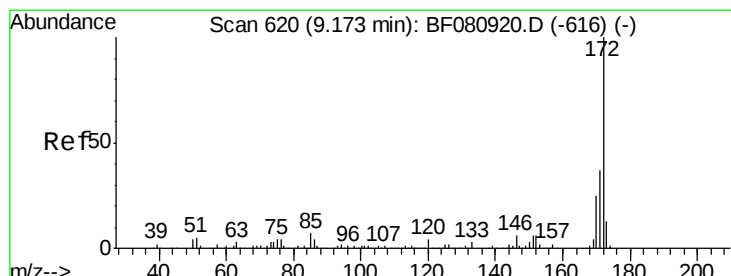
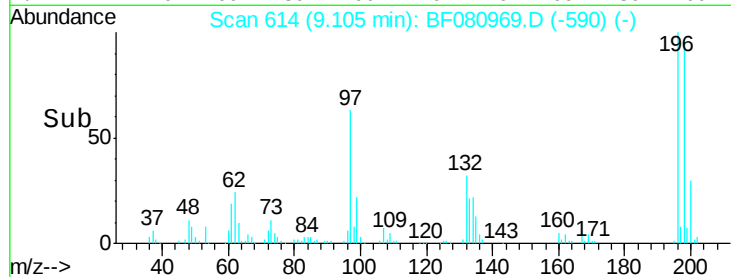
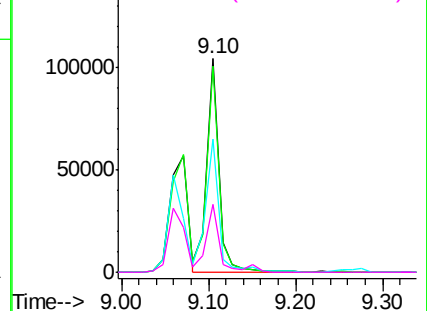
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.50 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

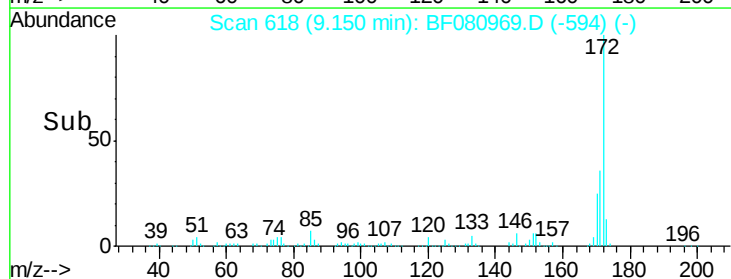
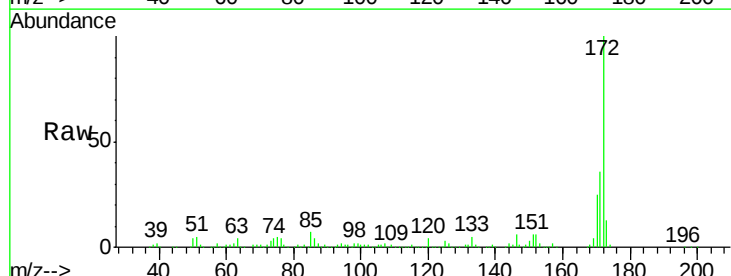
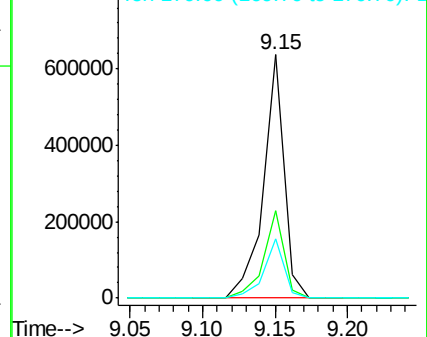
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	626223		
171	35.8	29.4	44.0	
170	24.6	19.7	29.5	

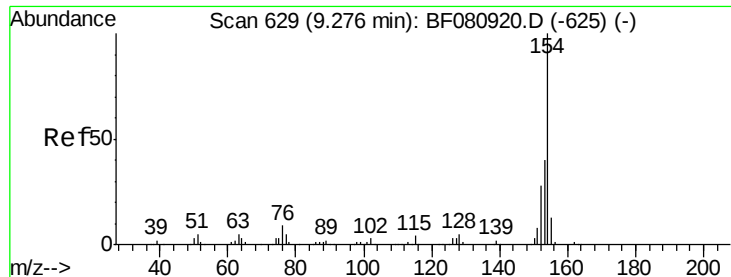
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.41 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

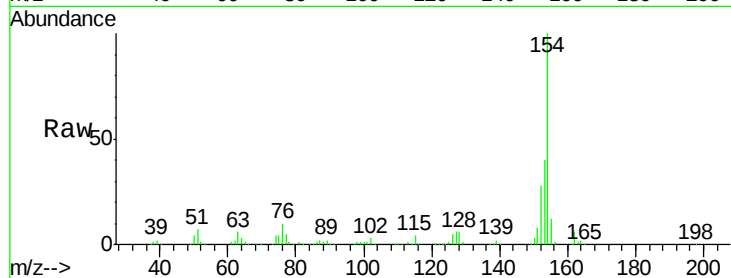
ClientSampleId :

PB84838BS

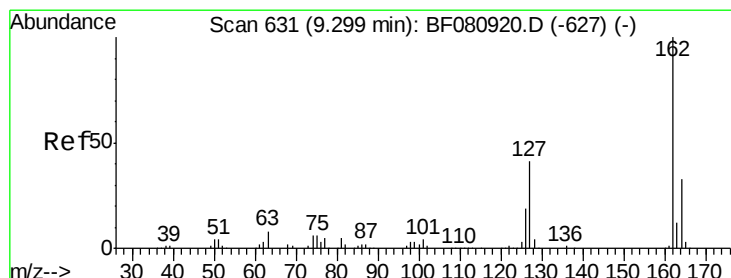
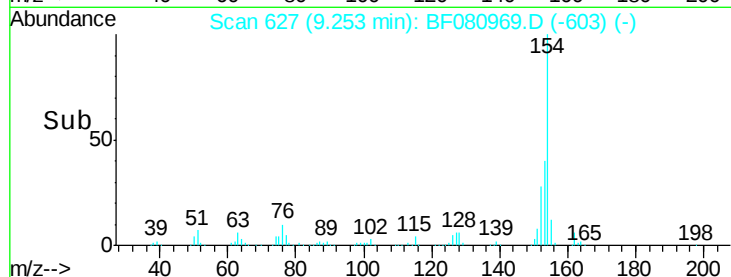
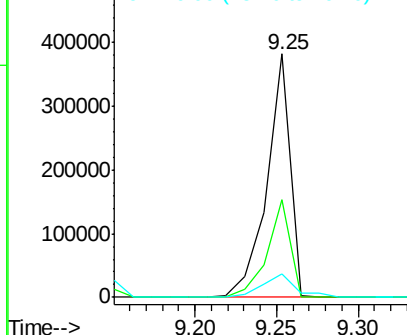
Tgt Ion:	154	Resp:	379980
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.1	60.1
76	9.6	0.0	29.3

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



#46

2-Chloronaphthalene

Concen: 33.40 ng

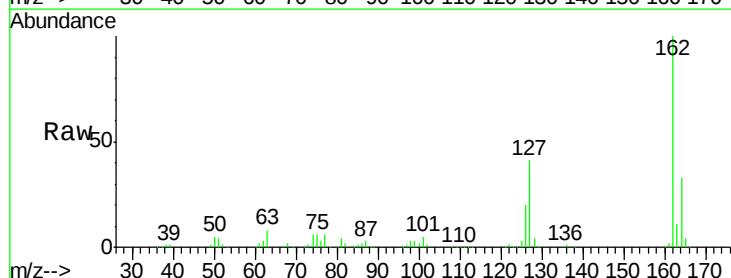
RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

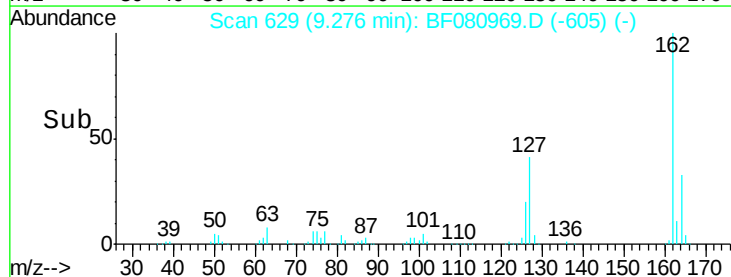
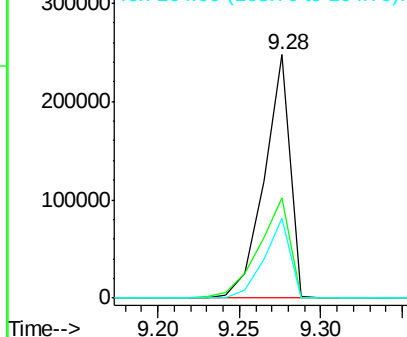
Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	162	Resp:	271787
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.5	48.7
164	32.7	26.2	39.4



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





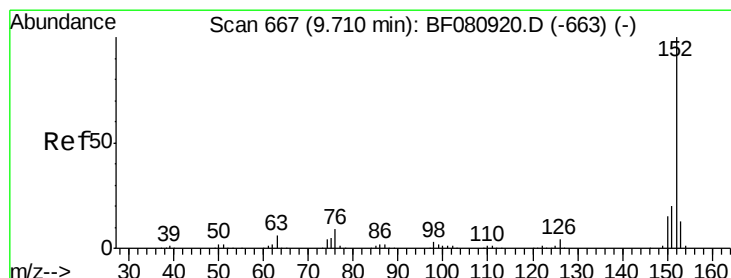
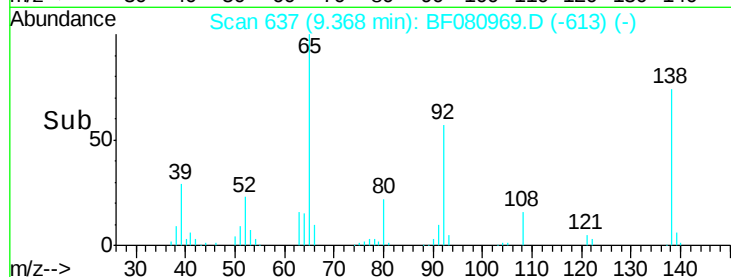
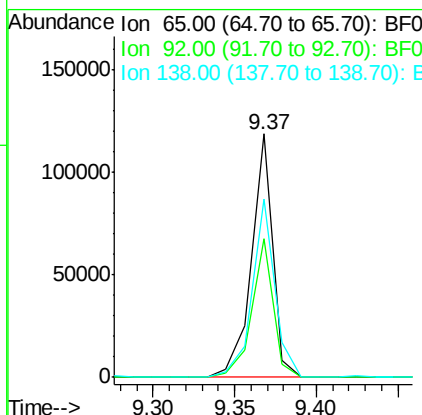
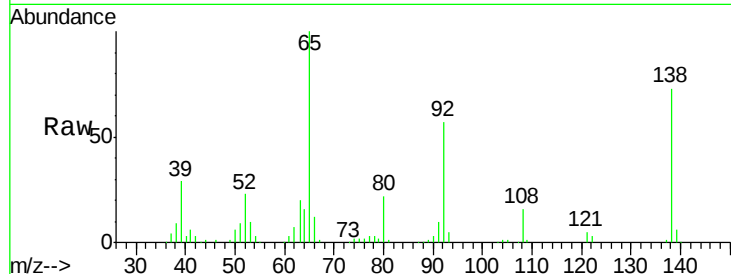
#47
 2-Nitroaniline
 Concen: 32.83 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.0	48.0	72.0
138	73.3	66.1	99.1

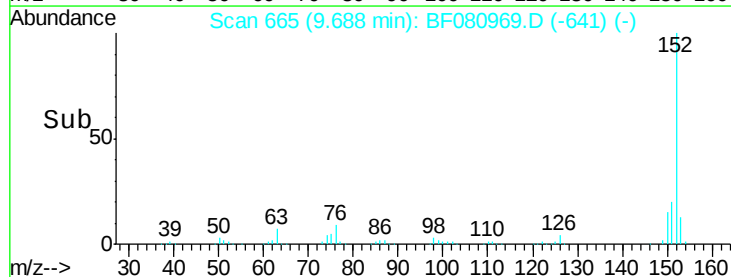
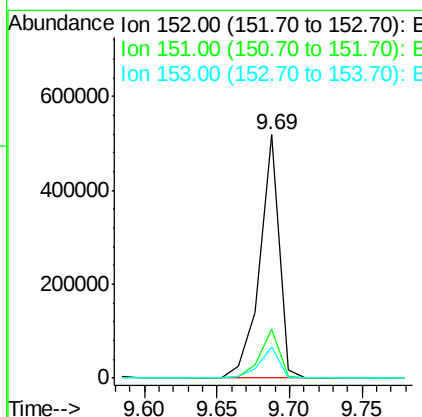
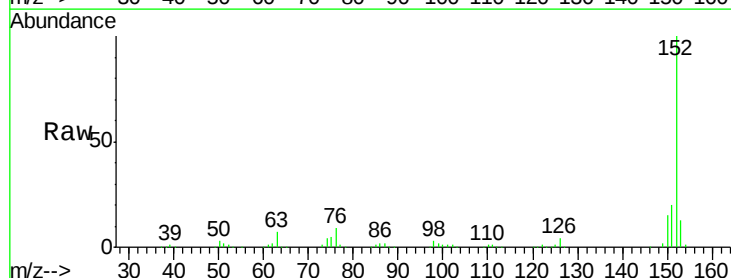
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#48
 Acenaphthylene
 Concen: 34.03 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.0	10.5	15.7





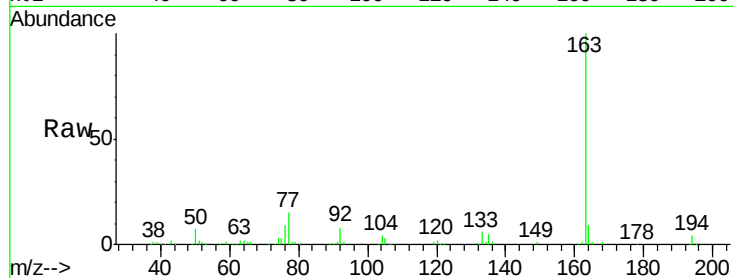
#49
Dimethylphthalate
Concen: 35.54 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

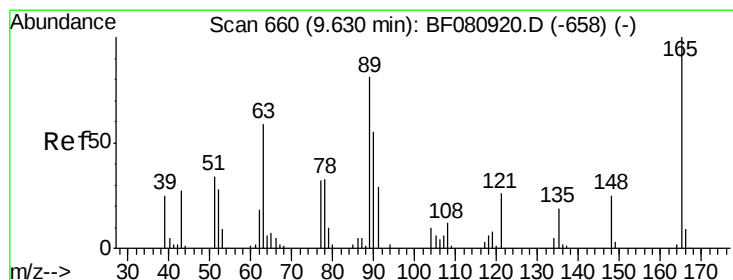
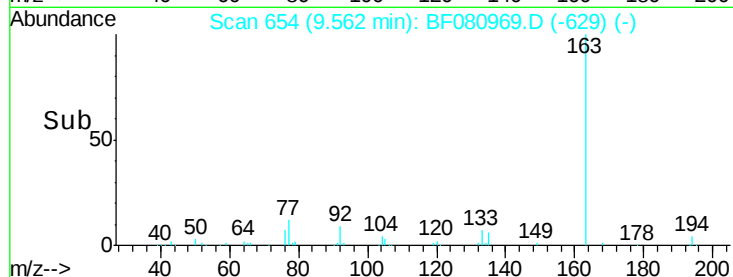
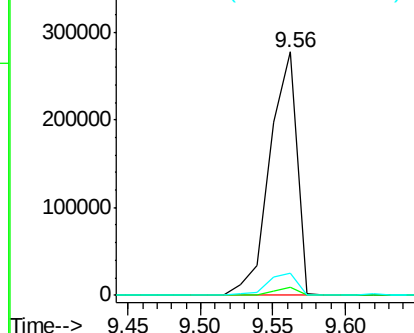
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.4	3.6
164	9.3	8.2	12.4

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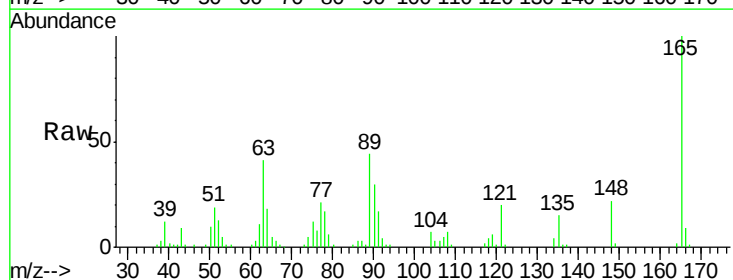


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

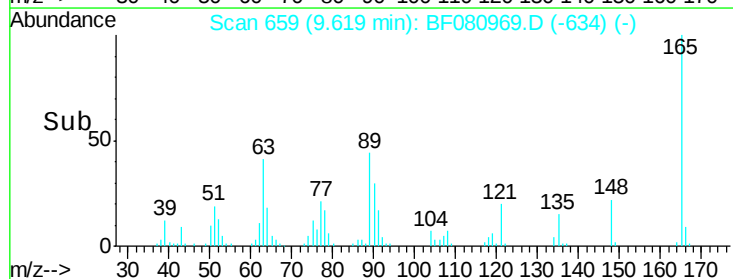
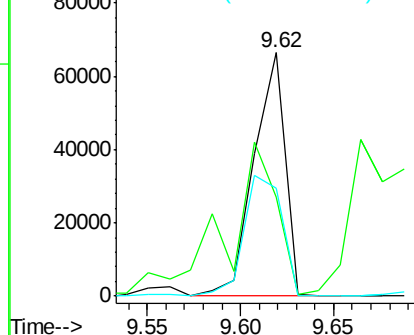


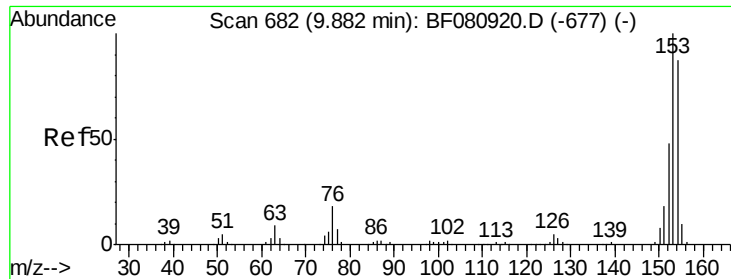
#50
2,6-Dinitrotoluene
Concen: 36.65 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.8	77.6	116.4#
89	44.2	64.5	96.7#



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: 40.52 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080969.D

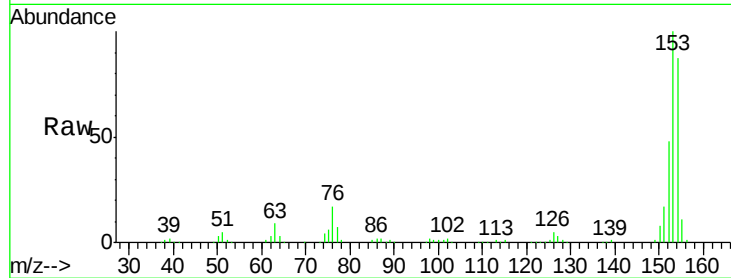
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

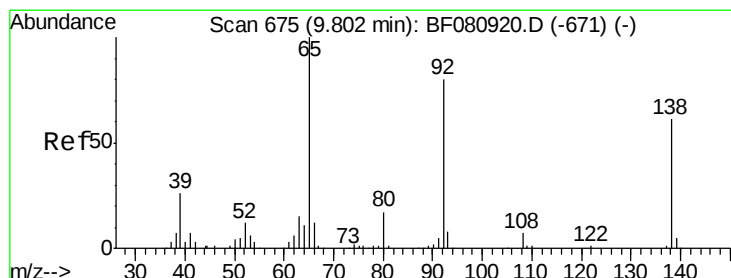
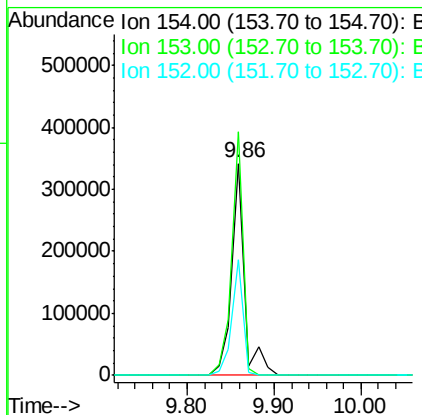
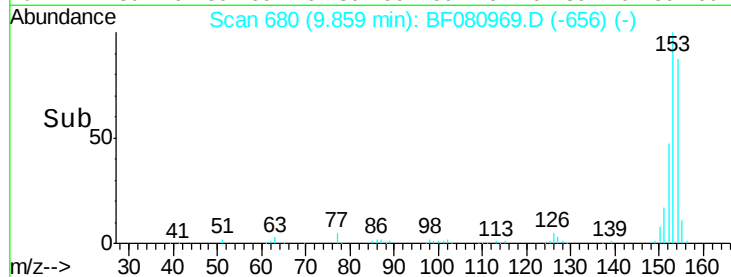
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Tgt Ion:	154	Resp:	350988
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.4	137.2
152	54.7	44.2	66.4

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#52

3-Nitroaniline

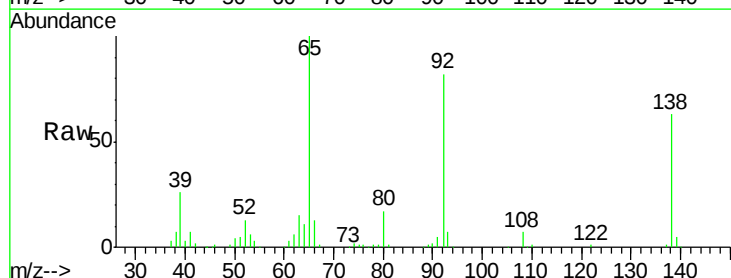
Concen: 24.07 ng

RT: 9.78 min Scan# 673

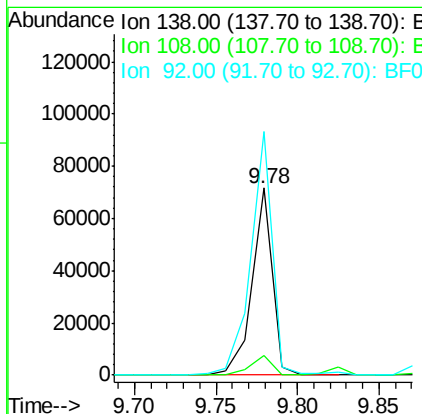
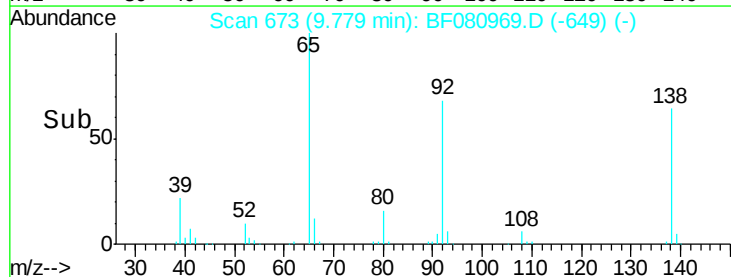
Delta R.T. -0.02 min

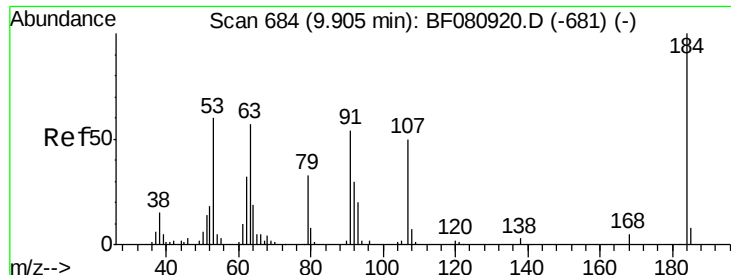
Lab File: BF080969.D

Acq: 11 Aug 2015 19:05



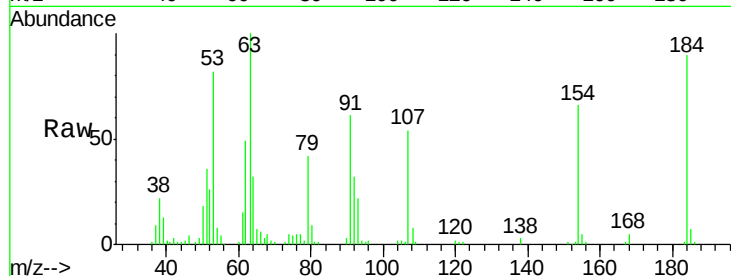
Tgt Ion:	138	Resp:	61932
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.7	13.1
92	130.3	104.4	156.6





#53
 2,4-Dinitrophenol
 Concen: 53.86 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

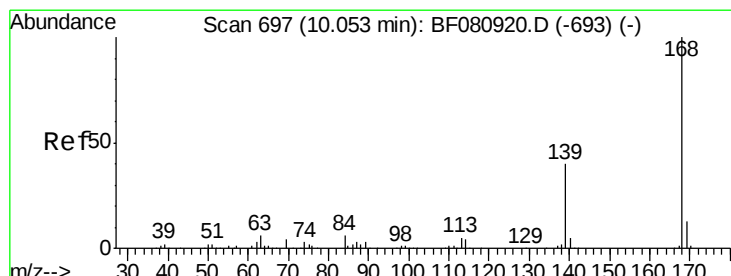
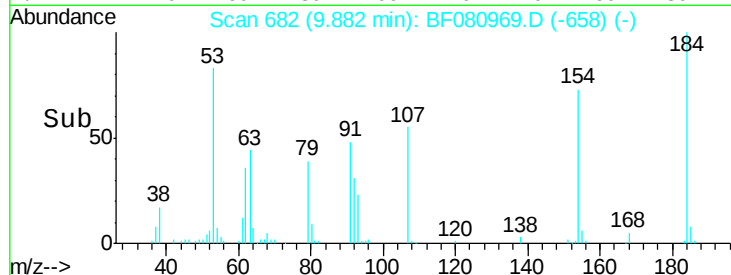
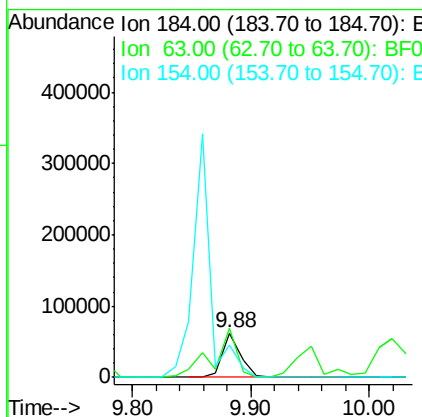
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	65520		
63	111.4	59.7	89.5#	
154	73.0	53.8	80.8	

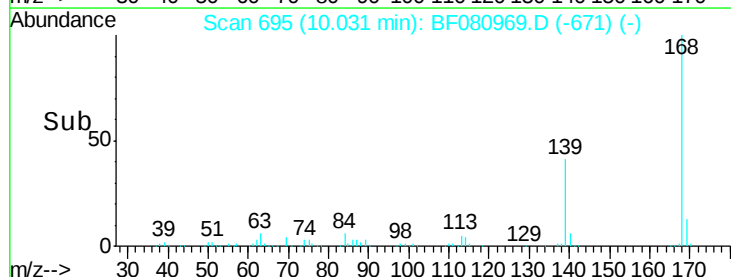
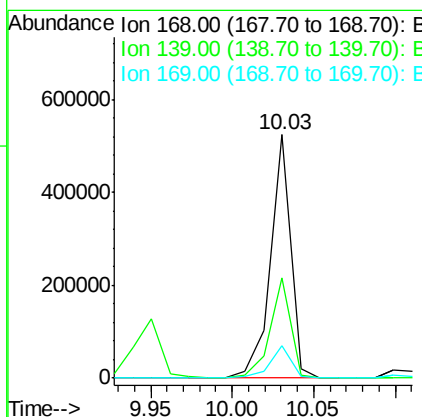
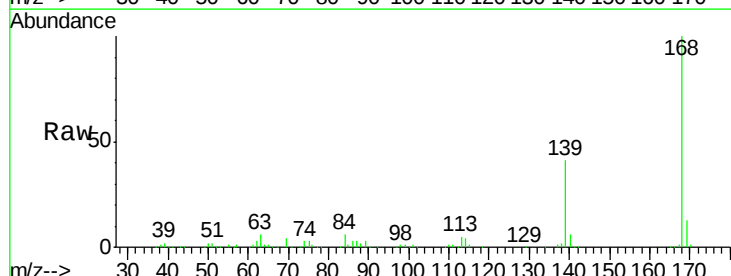
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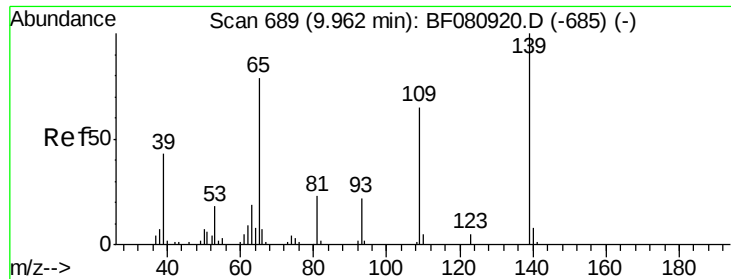
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#54
 Dibenzofuran
 Concen: 38.93 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	456066		
139	41.1	31.9	47.9	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 78.45 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

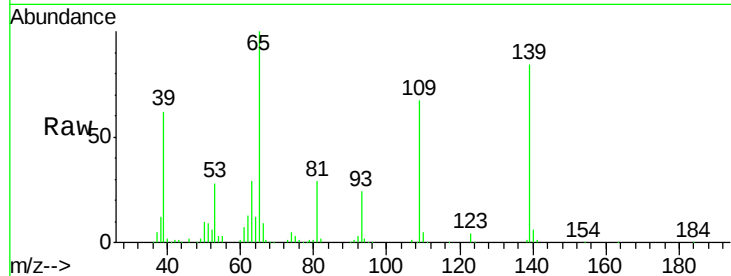
ClientSampled :

PB84838BS

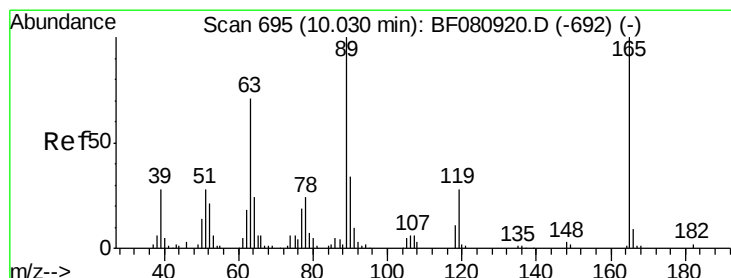
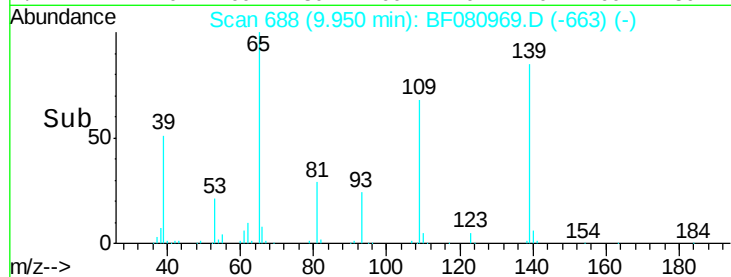
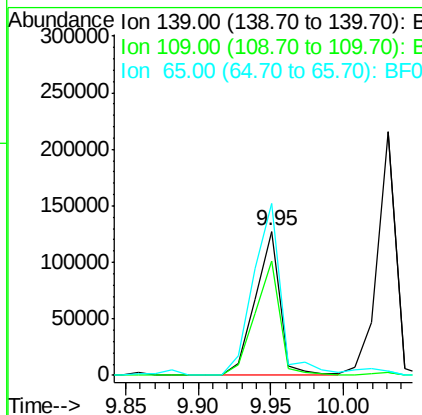
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	80.0	44.7	84.7	
65	119.6	59.5	99.5	



#56

2,4-Dinitrotoluene

Concen: 42.83 ng

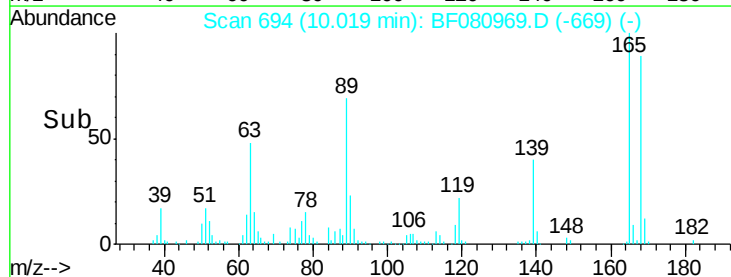
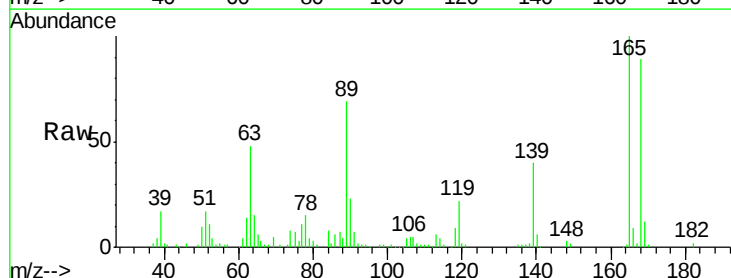
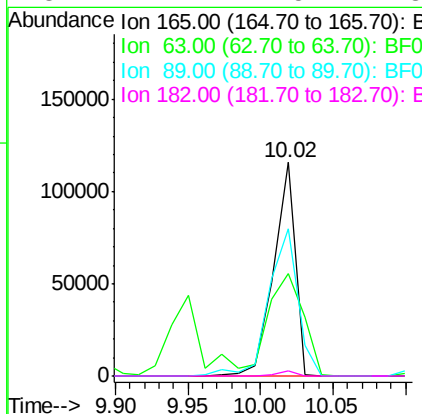
RT: 10.02 min Scan# 694

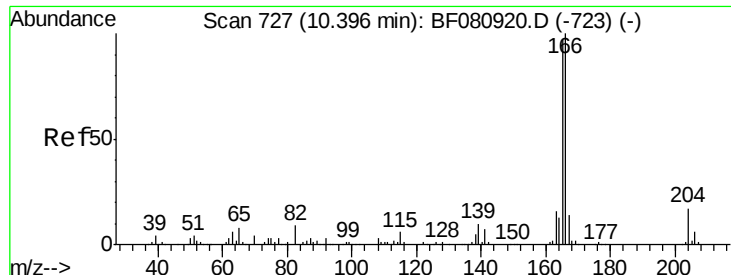
Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	56.7	85.1	
89	69.0	80.4	120.6	
182	2.1	1.5	2.3	





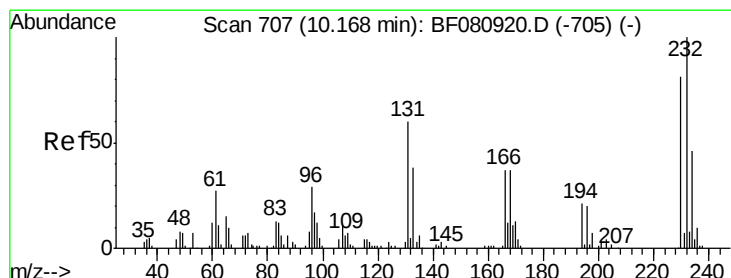
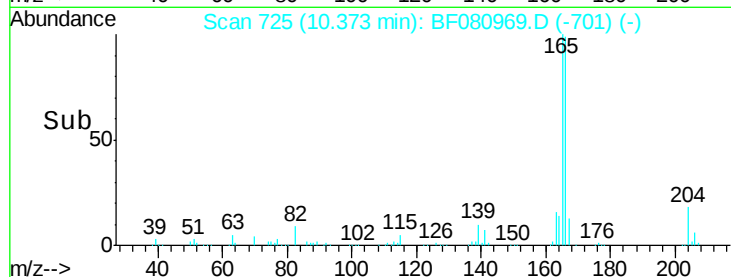
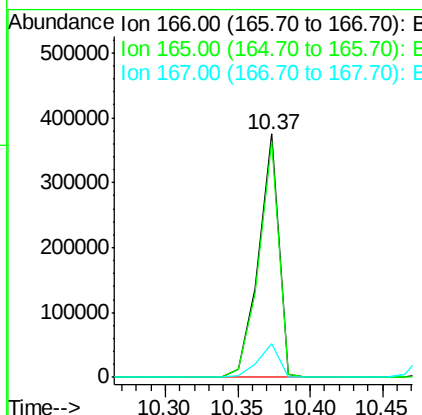
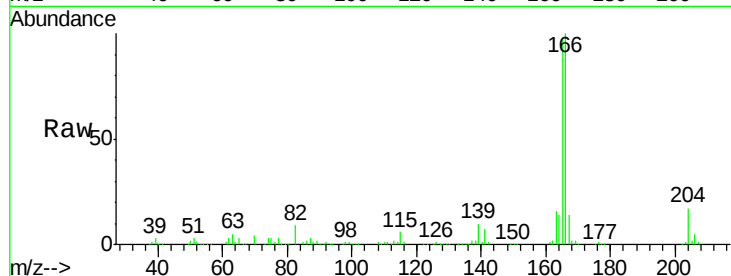
#57
Fluorene
 Concen: 40.16 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

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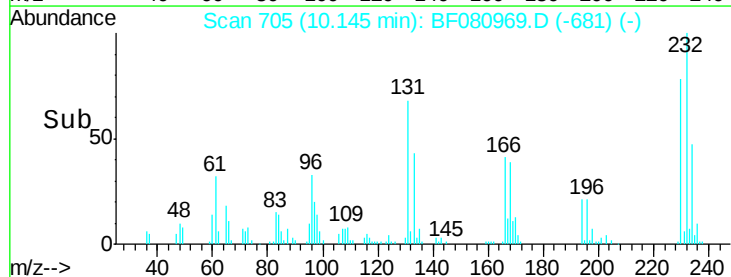
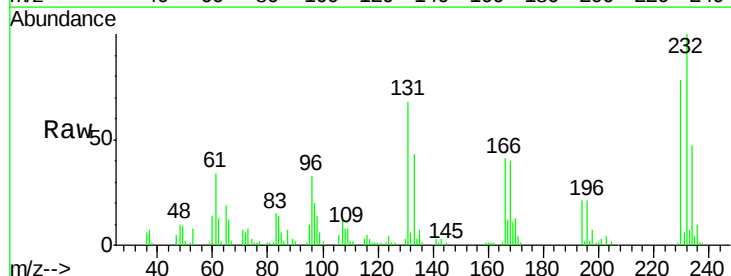
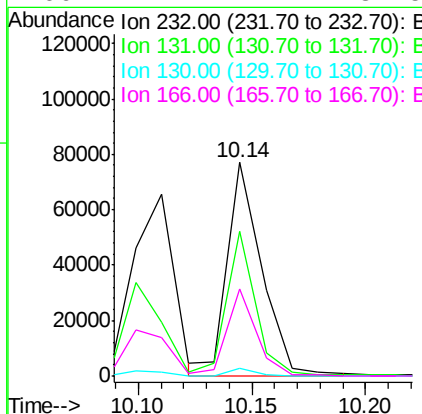
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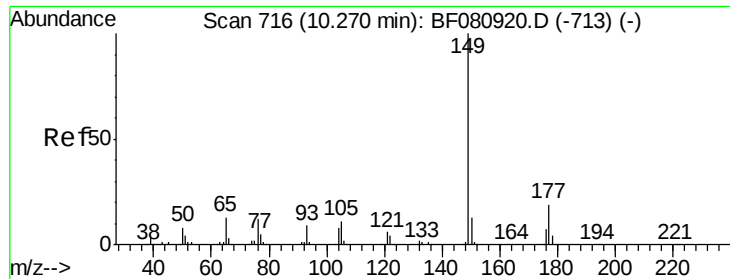
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	363874		
165	96.8	77.2	115.8	
167	13.9	10.8	16.2	



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.81 ng m
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	80659		
131	47.9	39.4	59.2	
130	2.8	2.1	3.1	
166	27.2	21.7	32.5	





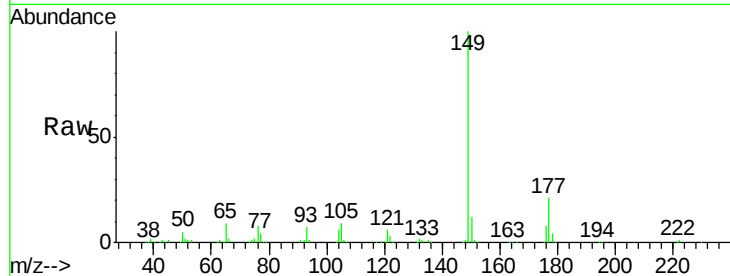
#59
Diethylphthalate
Concen: 37.83 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

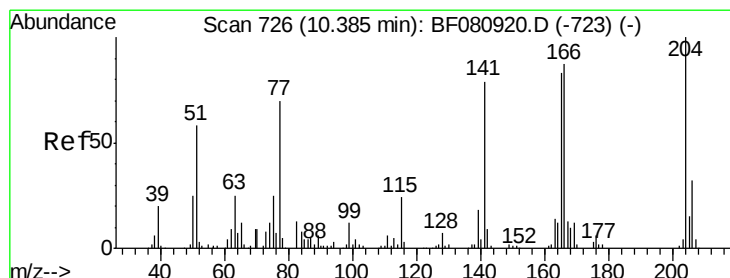
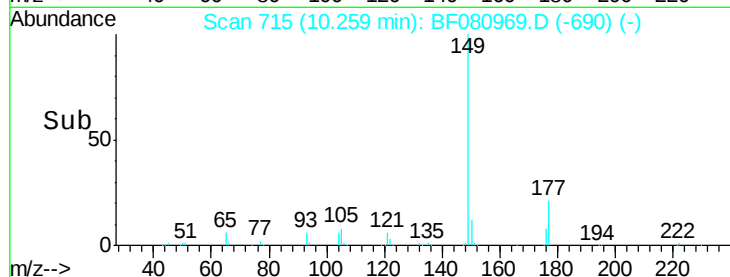
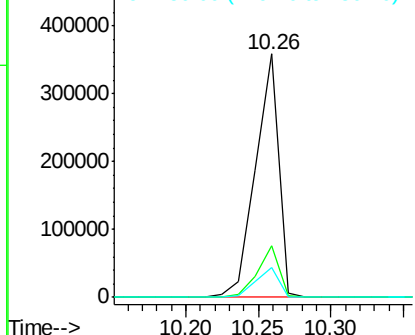
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	397735		
177	21.0	15.0	22.4	
150	12.4	10.4	15.6	

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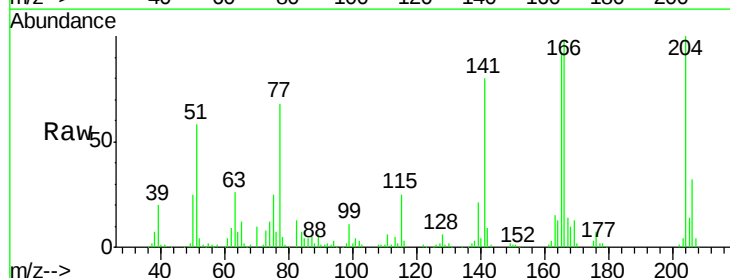


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

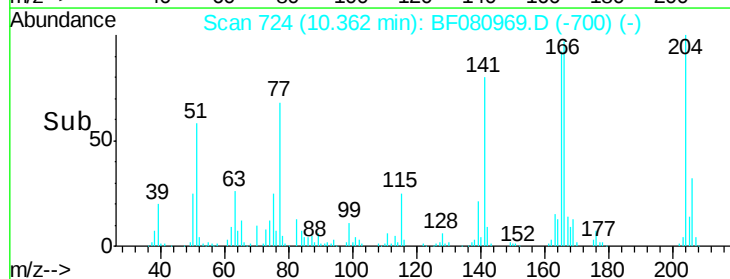
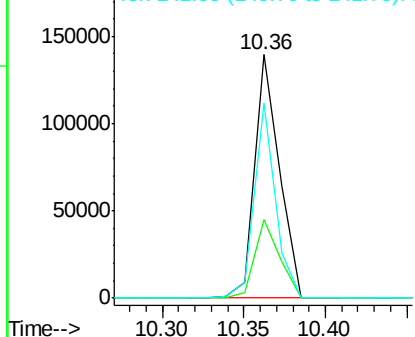


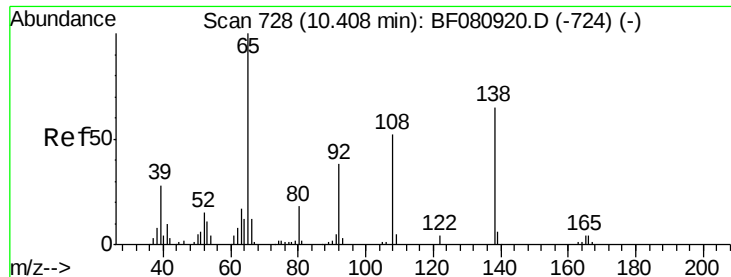
#60
4-Chlorophenyl-phenylether
Concen: 33.23 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	146713		
206	32.2	25.5	38.3	
141	79.9	63.4	95.0	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





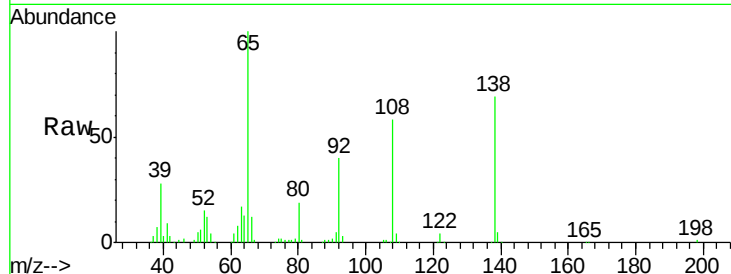
#61
4-Nitroaniline
Concen: 32.72 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampled :
PB84838BS

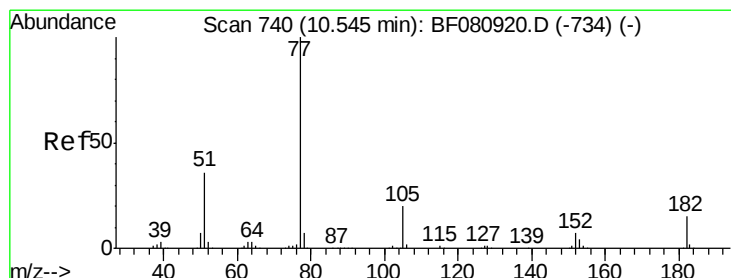
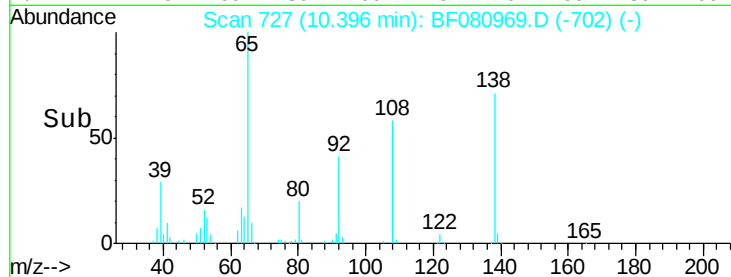
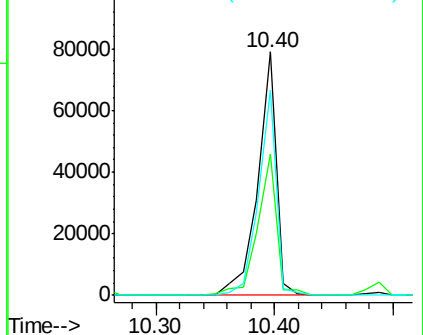
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	86607		
92	58.3	38.1	78.1	
108	84.3	59.9	99.9	

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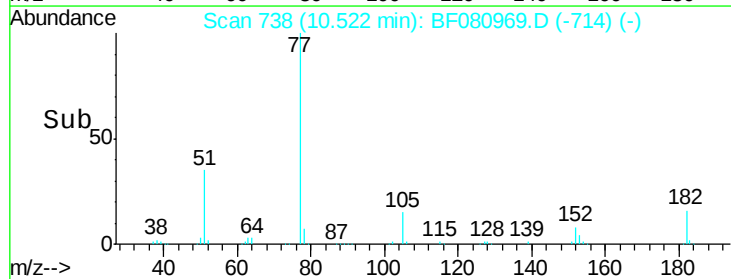
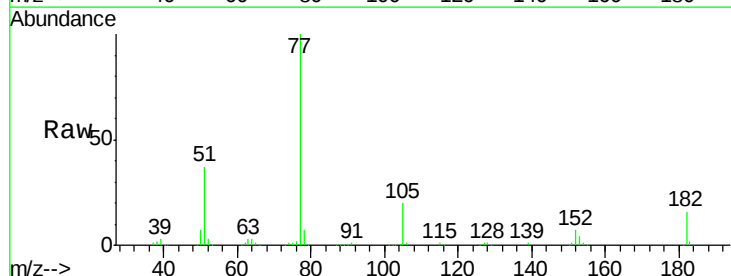
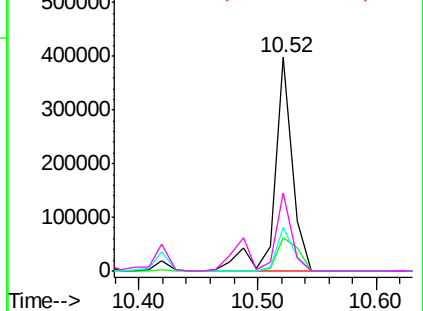
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

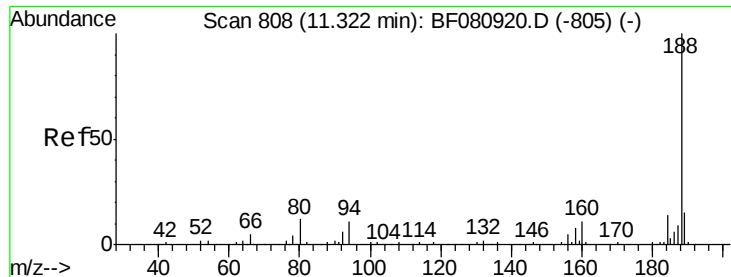


#62
Azobenzene
Concen: 35.27 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	414609		
182	15.6	0.0	35.5	
105	20.2	0.5	40.5	
51	36.5	15.6	55.6	

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





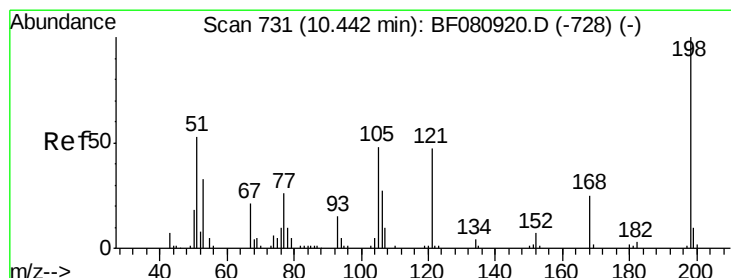
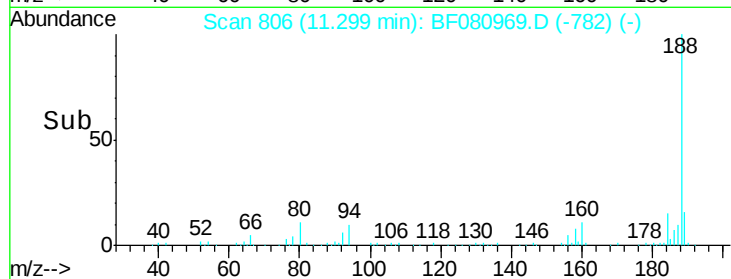
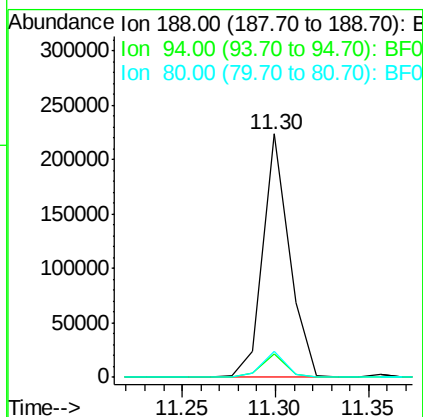
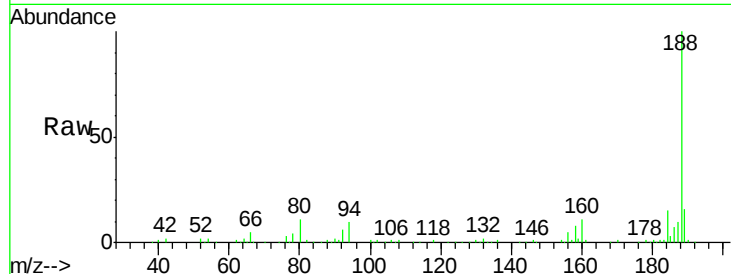
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt	Ion:188	Resp:	218324
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.8	13.2
80	10.8	9.5	14.3

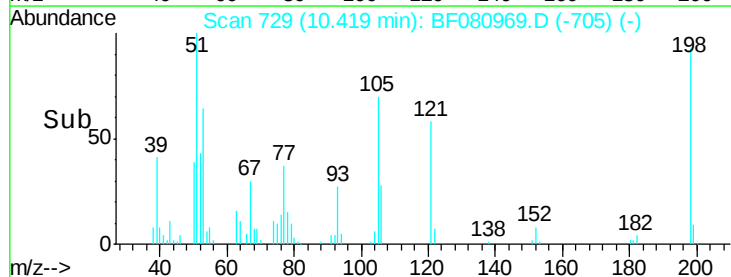
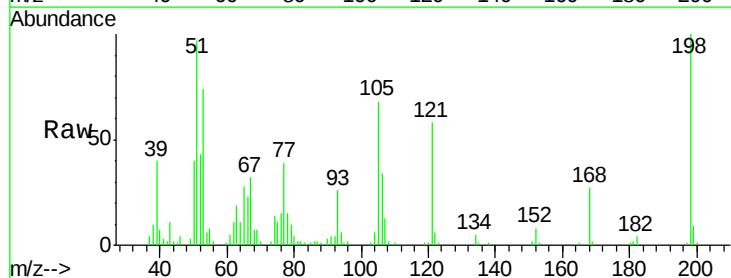
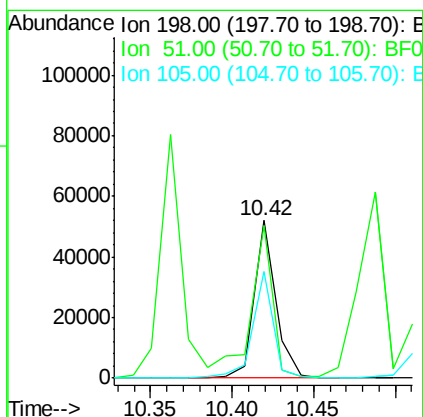
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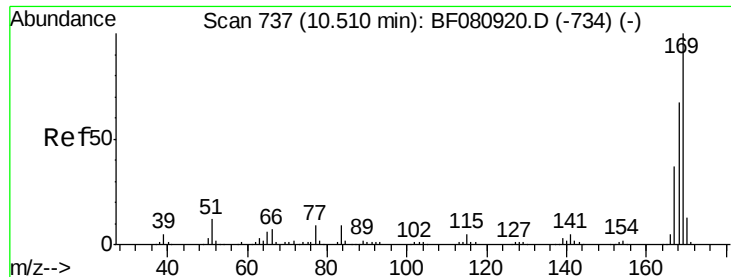
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.23 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt	Ion:198	Resp:	47672
Ion	Ratio	Lower	Upper
198	100		
51	97.1	40.3	80.3#
105	67.9	29.6	69.6





#65

n-Nitrosodiphenylamine

Concen: 40.74 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080969.D

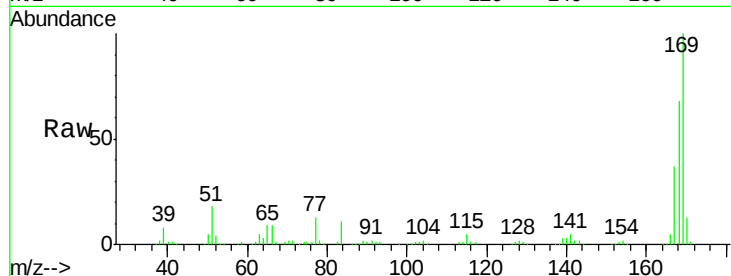
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

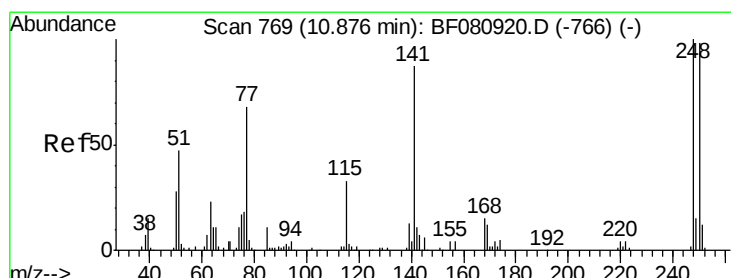
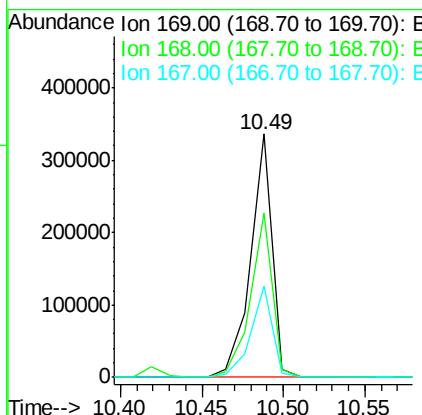
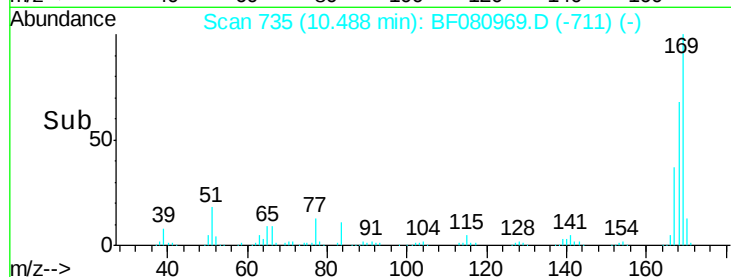
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Tgt Ion:	169	Resp:	309007
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.7	80.5
167	37.3	29.3	43.9

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#66

4-Bromophenyl-phenylether

Concen: 40.52 ng

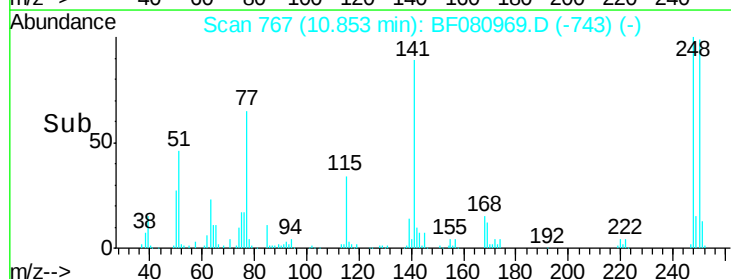
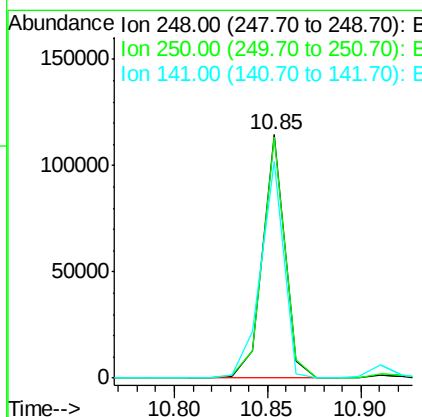
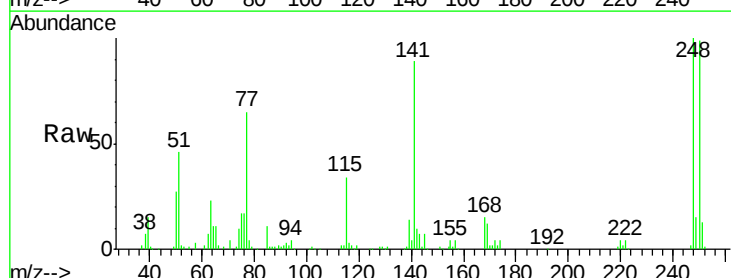
RT: 10.85 min Scan# 767

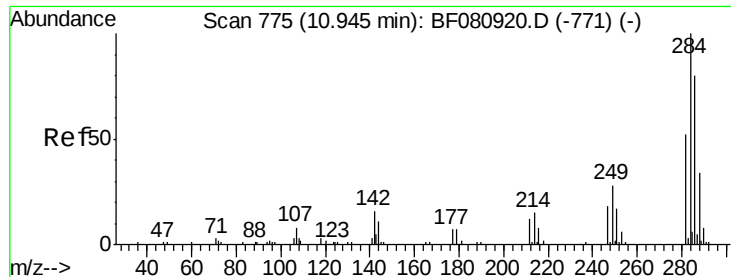
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	248	Resp:	93698
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.1	117.1
141	89.0	69.6	104.4





#67

Hexachlorobenzene

Concen: 38.79 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF080969.D

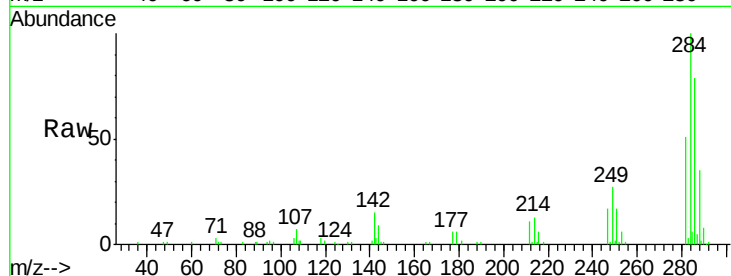
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

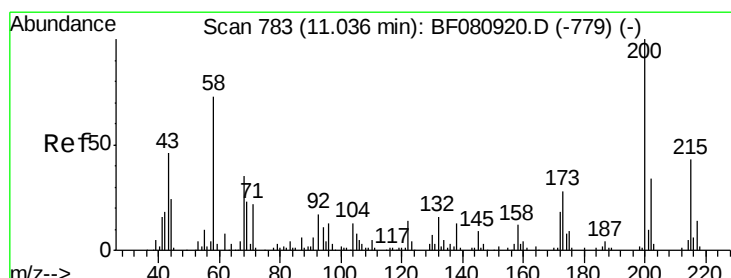
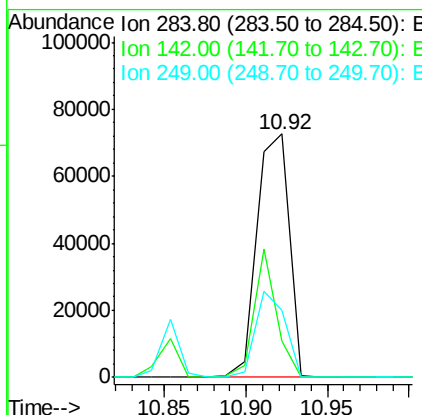
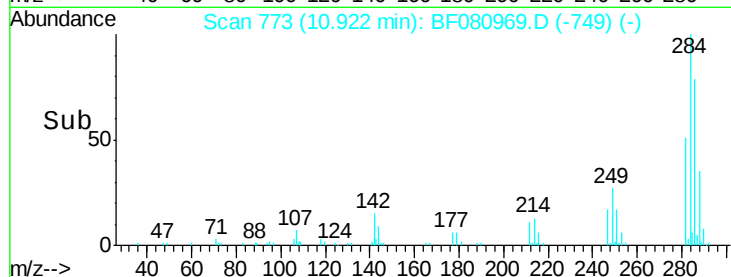
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Tgt Ion:	284	Resp:	99731
Ion Ratio	Lower	Upper	
284	100		
142	14.9	12.8	19.2
249	27.4	22.5	33.7

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#68

Atrazine

Concen: 36.91 ng

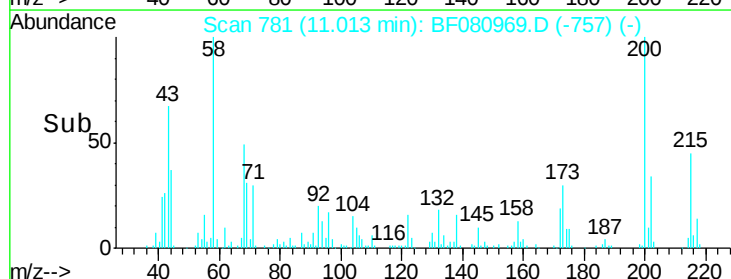
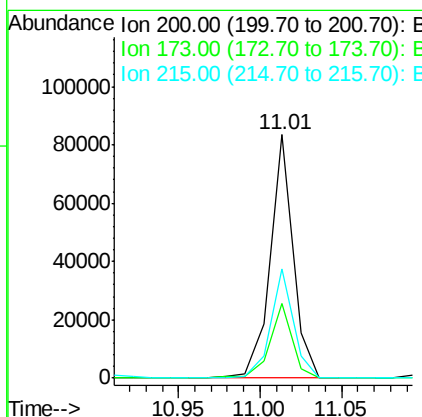
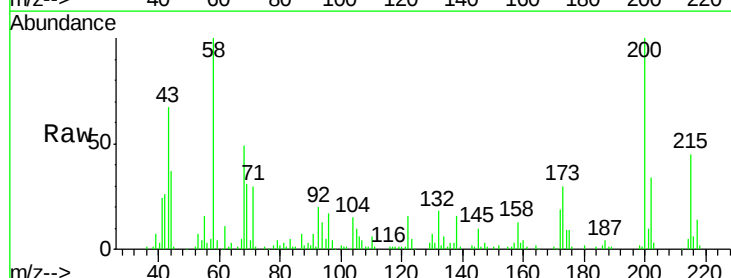
RT: 11.01 min Scan# 781

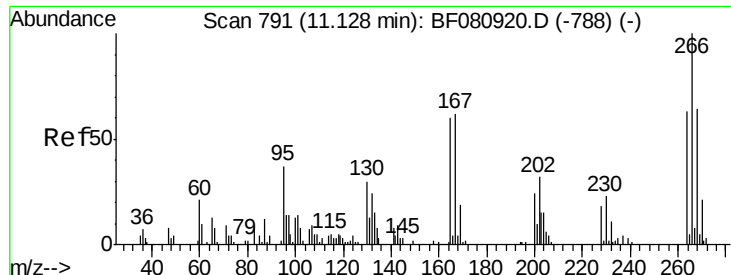
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	200	Resp:	82077
Ion Ratio	Lower	Upper	
200	100		
173	30.4	8.4	48.4
215	45.0	22.7	62.7





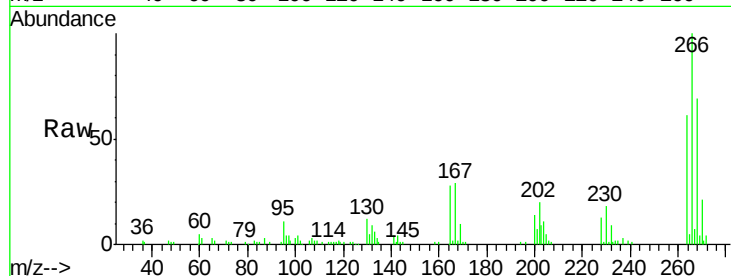
#69
 Pentachlorophenol
 Concen: 74.44 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

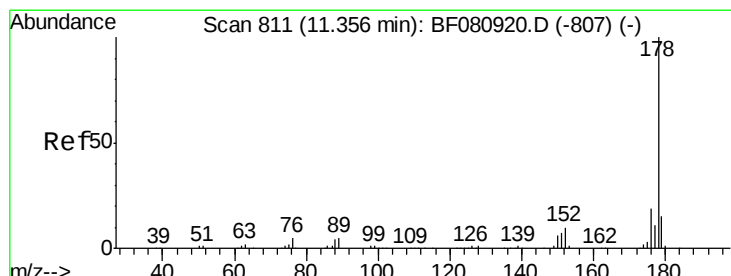
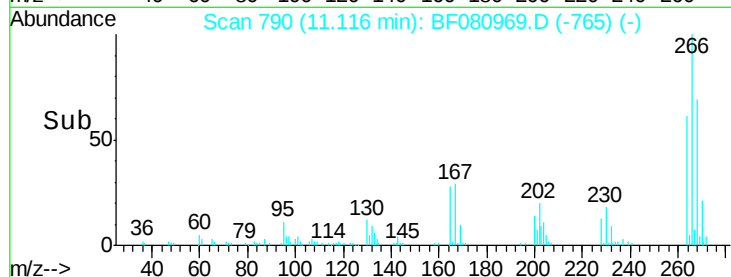
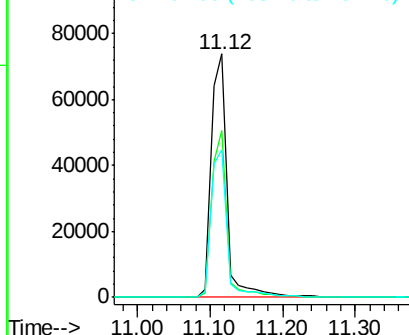
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	111279		
268	68.6	51.6	77.4	
264	60.8	50.1	75.1	

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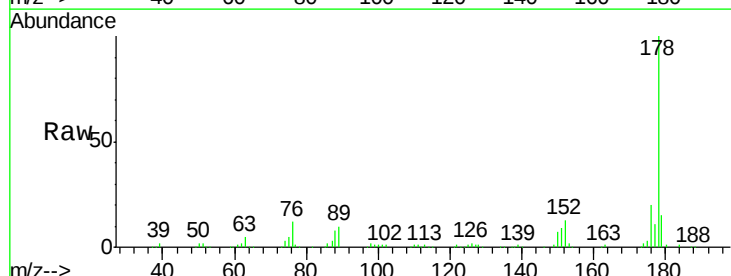


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

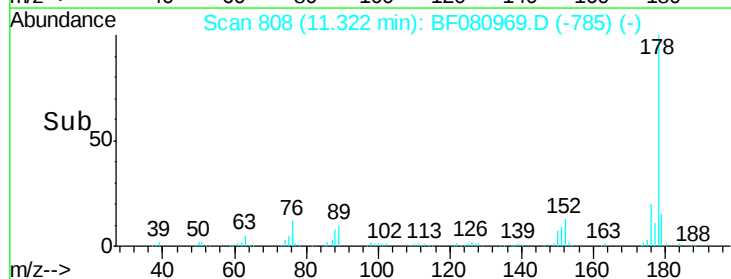
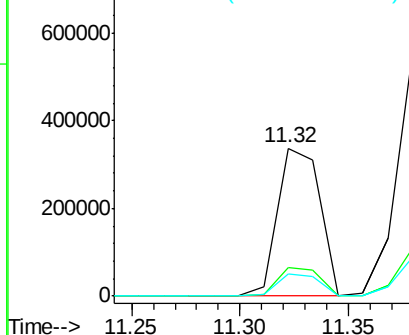


#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	463411		
176	19.7	15.6	23.4	
179	15.4	11.9	17.9	



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





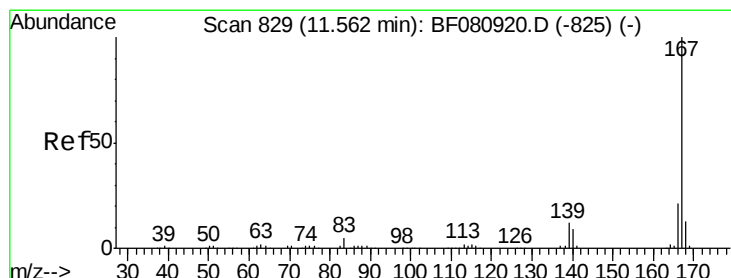
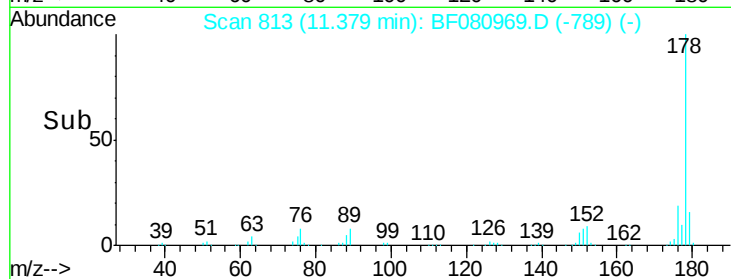
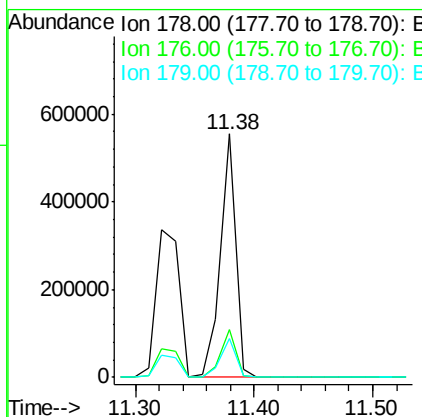
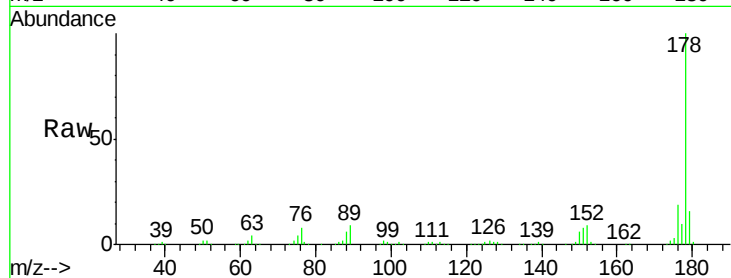
#71
 Anthracene
 Concen: 40.16 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	491492		
176	19.4	15.5	23.3	
179	15.9	12.6	18.8	

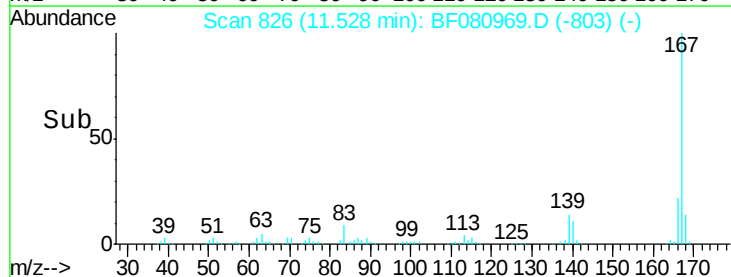
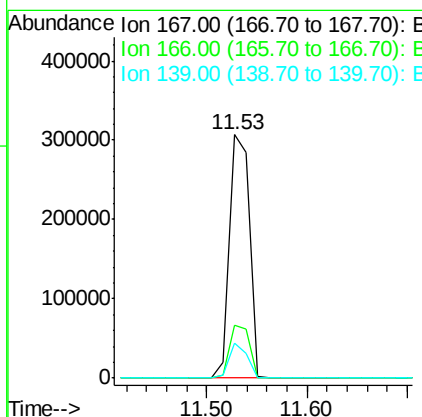
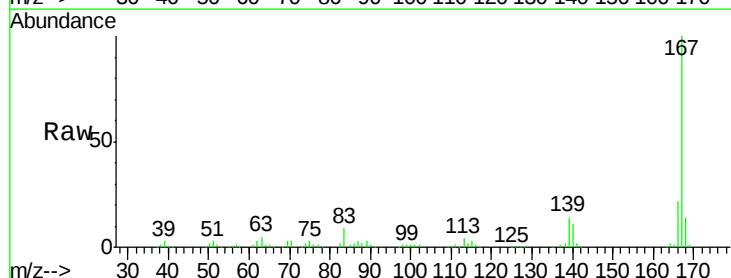
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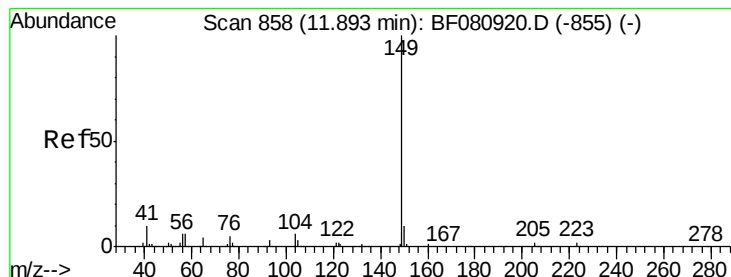
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#72
 Carbazole
 Concen: 35.58 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	423949		
166	21.7	17.1	25.7	
139	14.2	9.2	13.8	





#73

Di-n-butylphthalate

Concen: 40.02 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

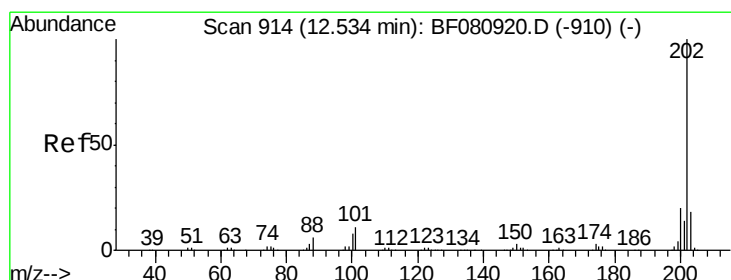
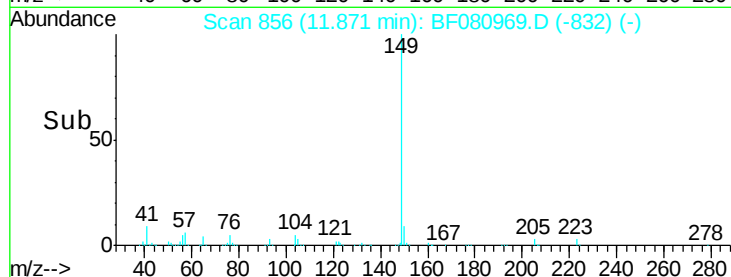
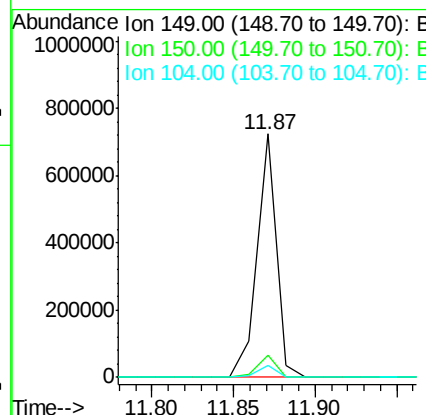
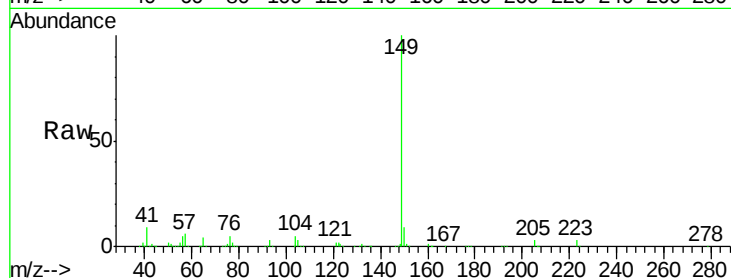
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	596353		
150	9.3	7.6	11.4	
104	5.2	4.4	6.6	



#74

Fluoranthene

Concen: 45.82 ng

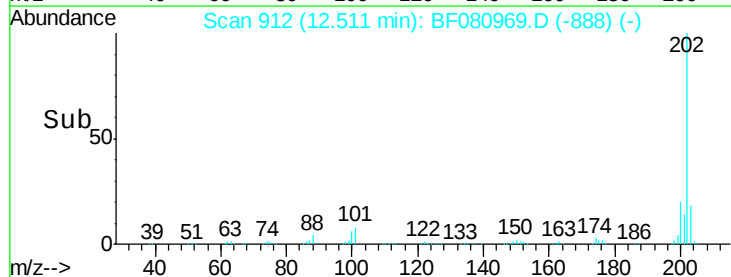
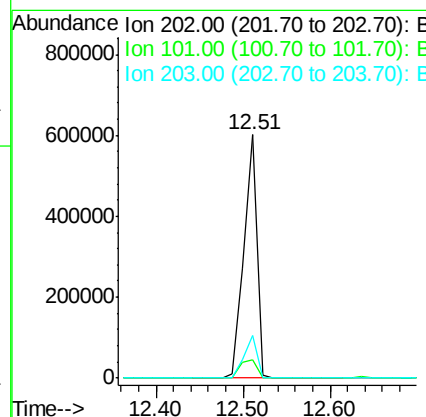
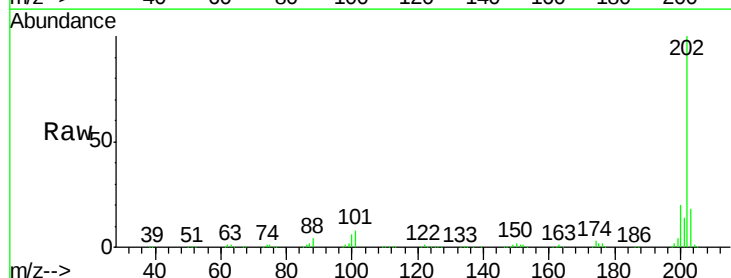
RT: 12.51 min Scan# 912

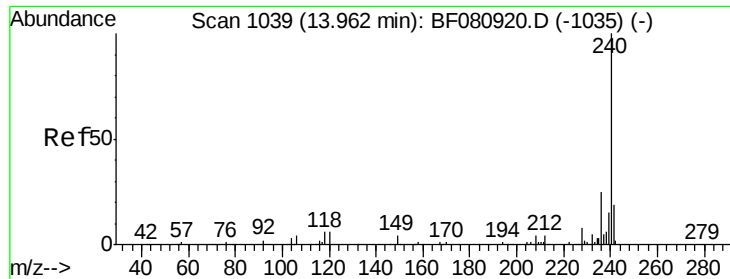
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	612379		
101	7.5	0.0	30.5	
203	17.7	0.0	37.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

Tgt Ion:240 Resp: 180221
Ion Ratio Lower Upper

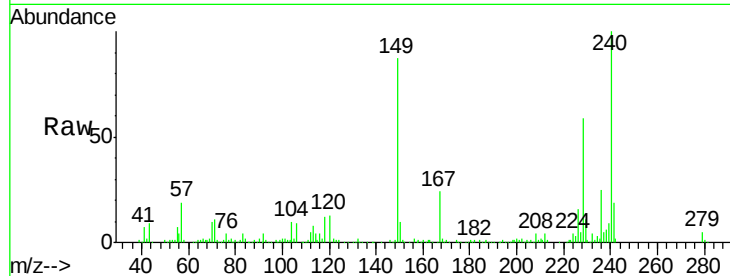
240 100

120 12.7 5.2 7.8#

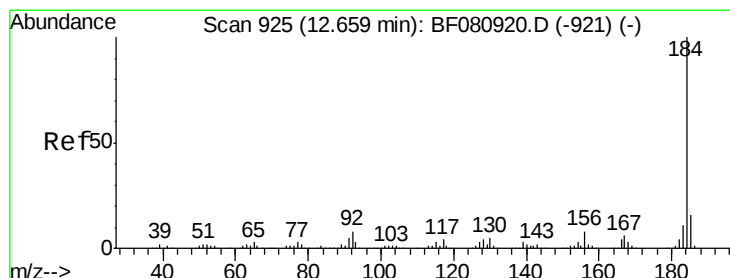
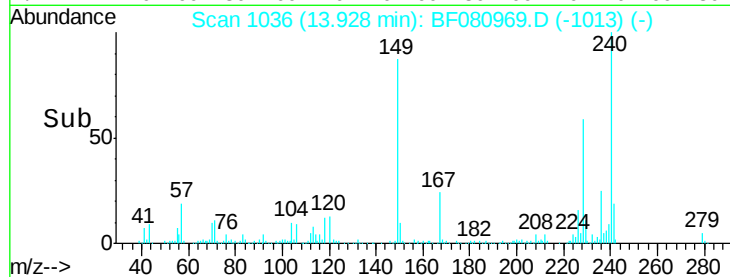
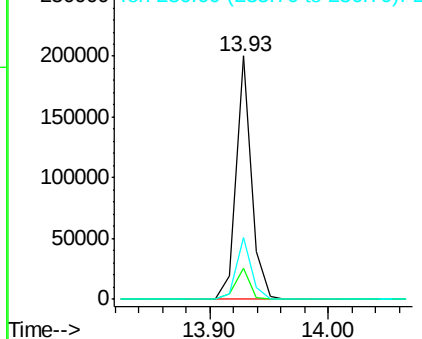
236 25.2 20.2 30.4

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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: 56.76 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080969.D

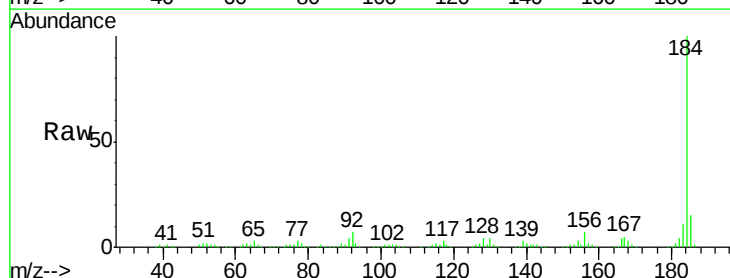
Acq: 11 Aug 2015 19:05

Tgt Ion:184 Resp: 403148
Ion Ratio Lower Upper

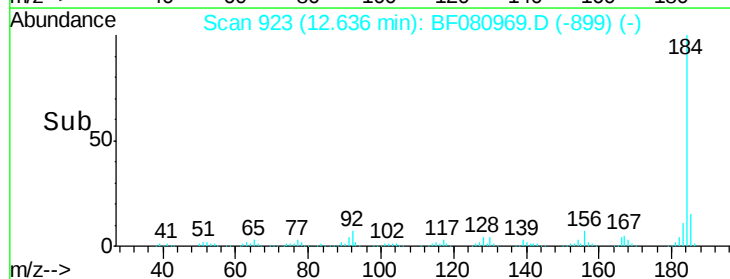
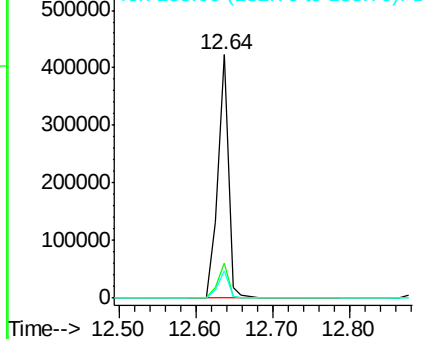
184 100

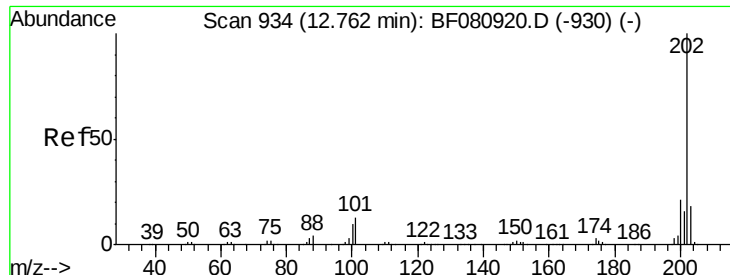
185 14.6 13.0 19.4

183 11.1 8.7 13.1



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





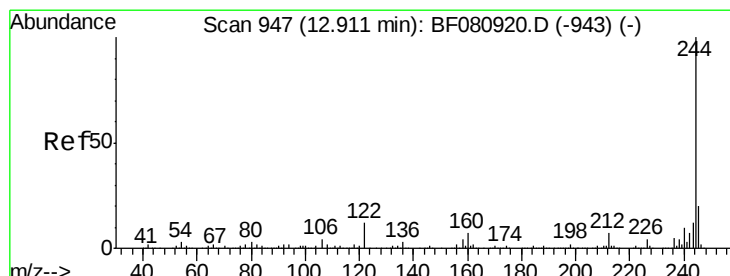
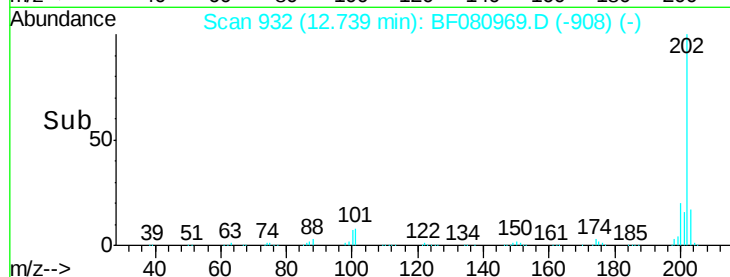
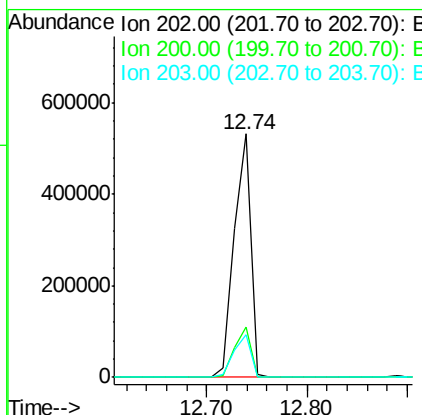
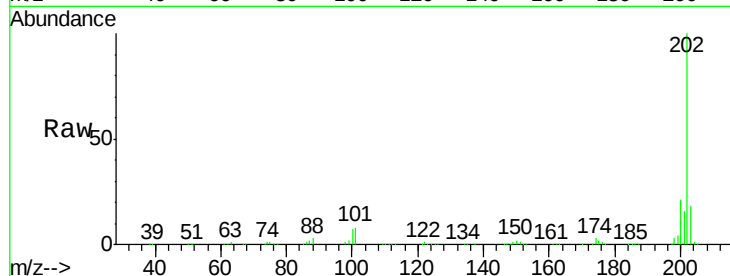
#77
 Pyrene
 Concen: 45.70 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.5	16.6	24.8
203	17.7	14.2	21.2

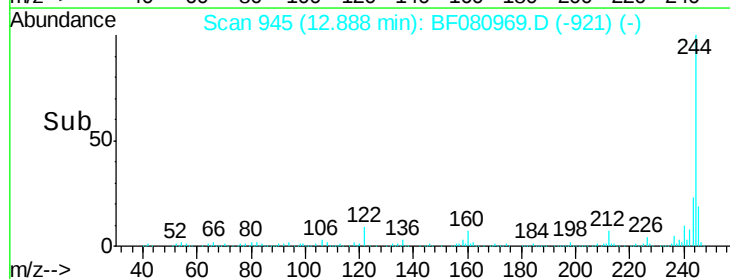
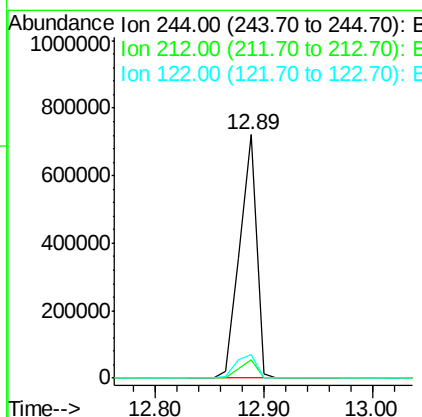
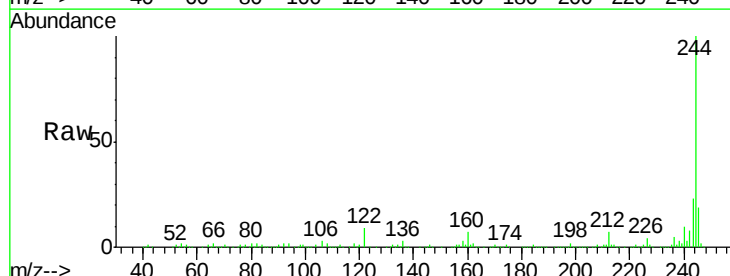
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#78
 Terphenyl-d14
 Concen: 87.48 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.8	8.8
122	9.4	9.4	14.2





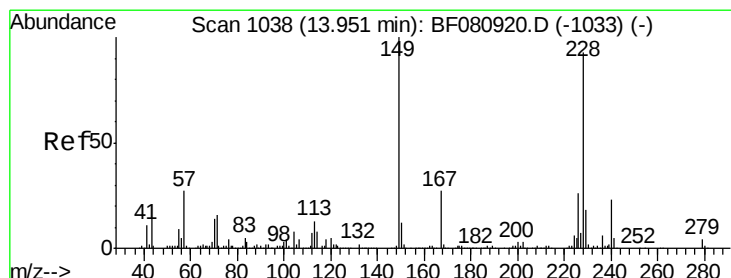
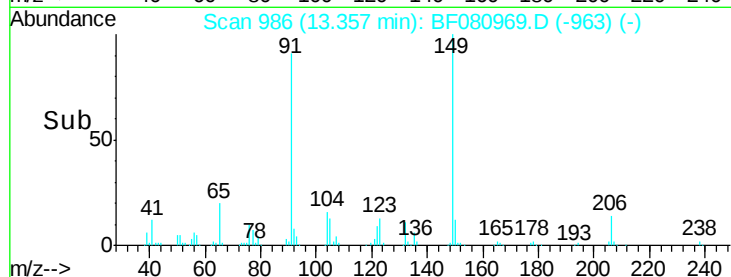
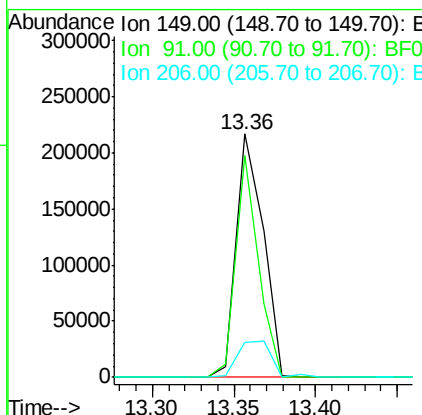
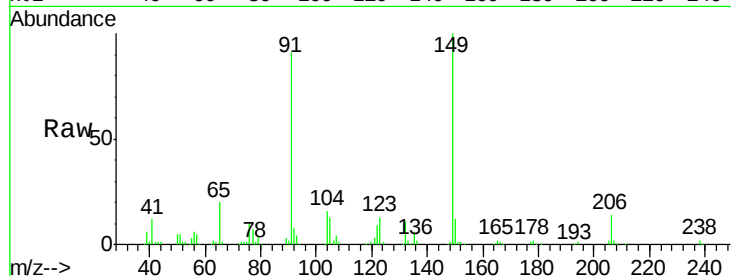
#79
Butylbenzylphthalate
Concen: 38.22 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleID :
PB84838BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	91.2	47.2	70.8#
206	14.4	16.5	24.7#

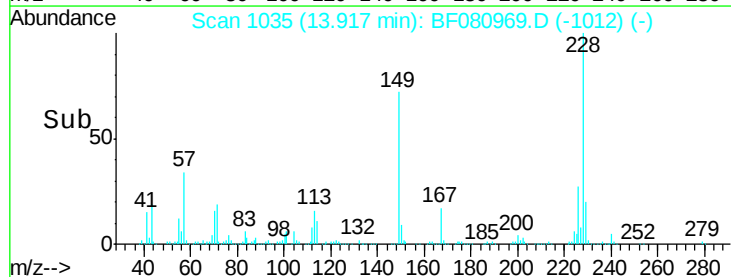
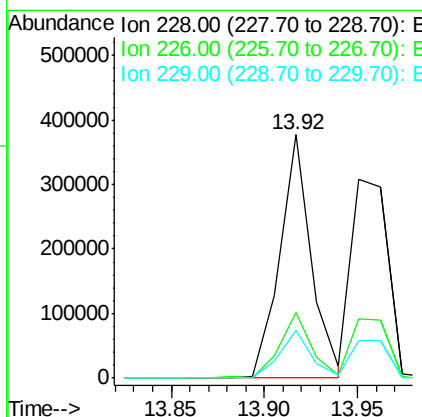
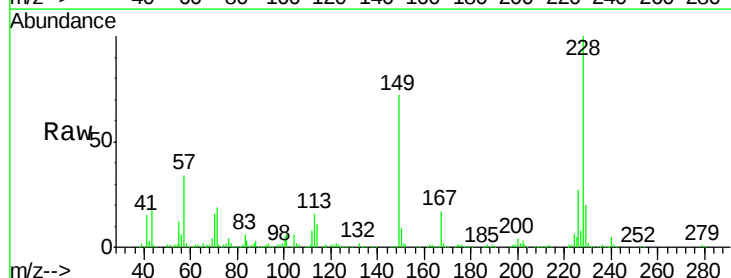
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#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	26.7	22.2	33.2
229	19.6	15.8	23.6





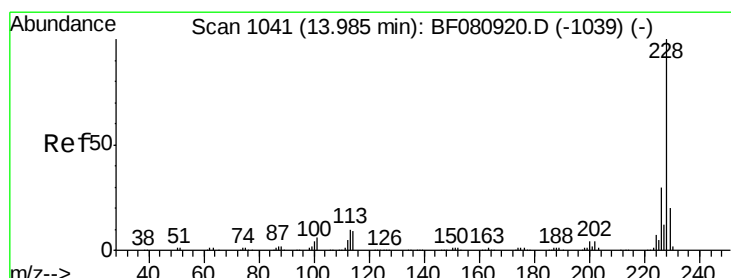
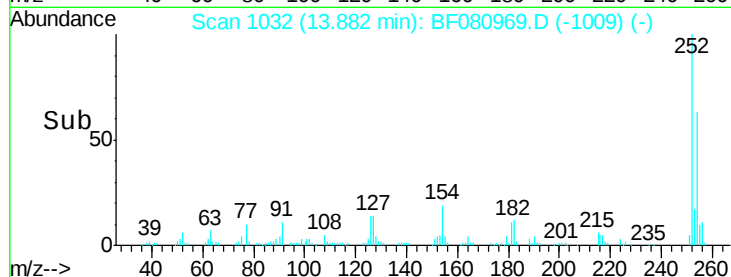
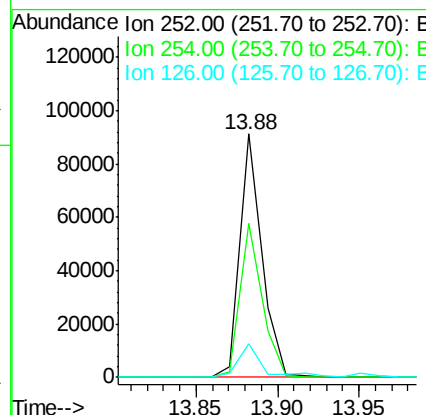
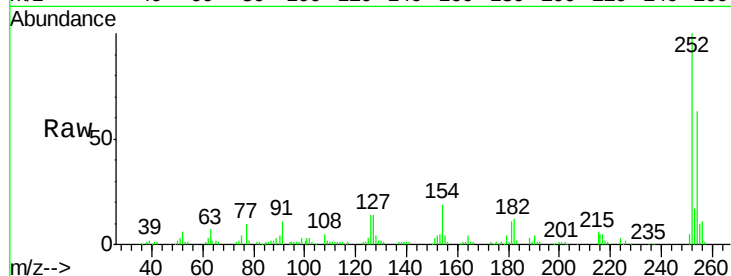
#81
 3,3'-Dichlorobenzidine
 Concen: 20.37 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	51.7	77.5
126	13.7	7.1	10.7

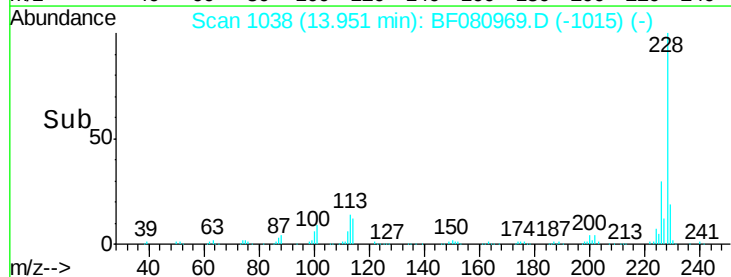
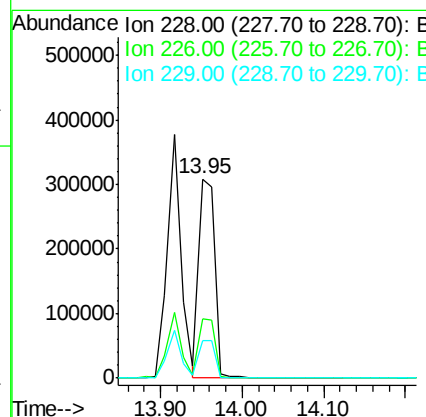
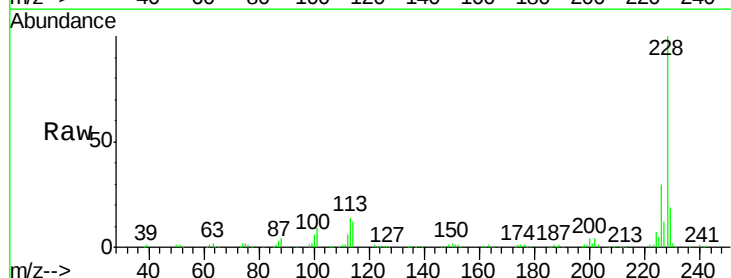
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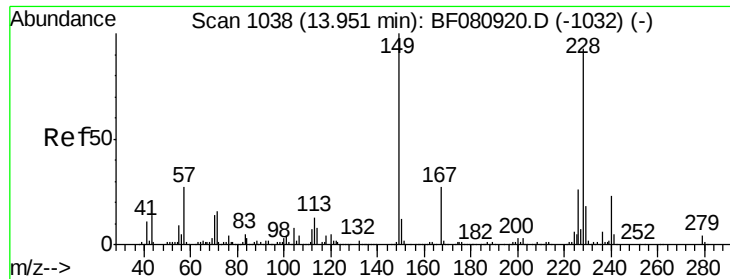
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#82
 Chrysene
 Concen: 39.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.5	23.9	35.9
229	19.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.65 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

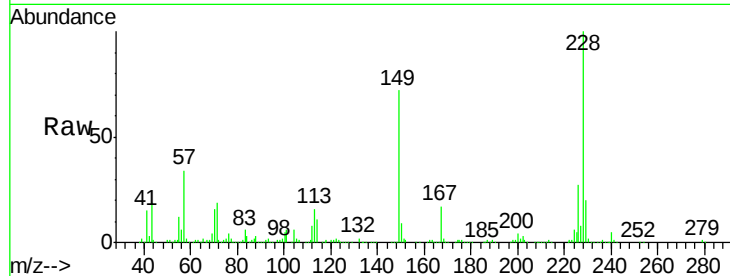
ClientSampleId :

PB84838BS

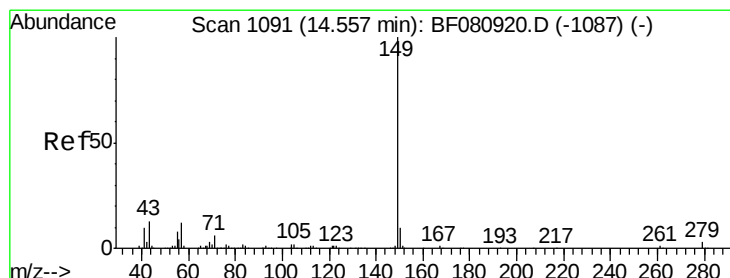
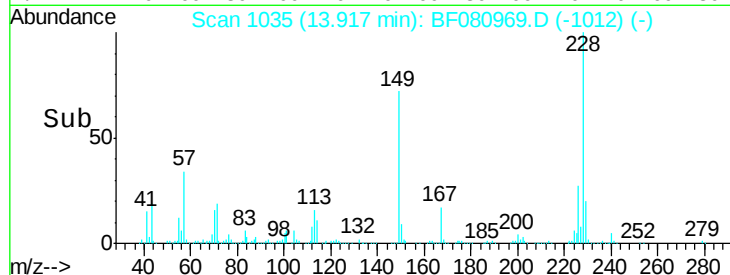
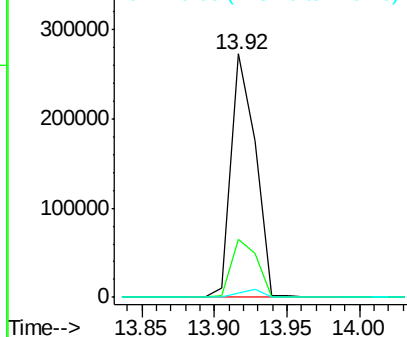
Tgt Ion:	149	Resp:	318366
Ion Ratio		Lower	Upper
149	100		
167	23.6	21.4	32.0
279	1.8	2.9	4.3#

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



#84

Di-n-octyl phthalate

Concen: 38.57 ng

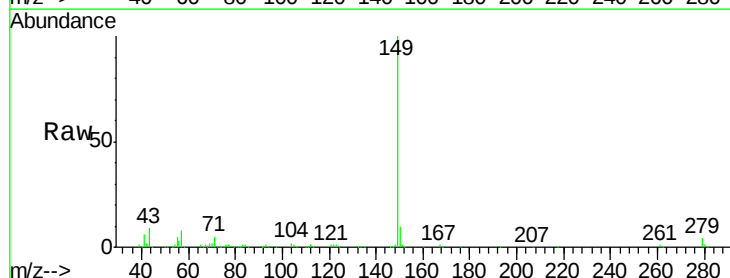
RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

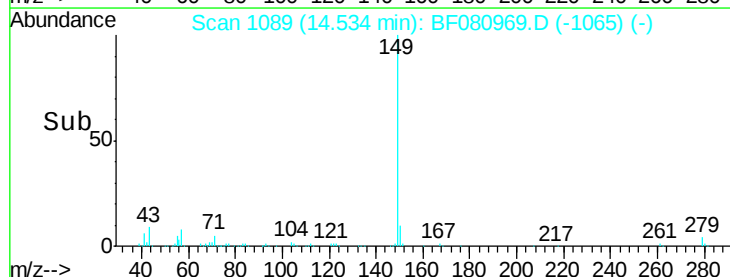
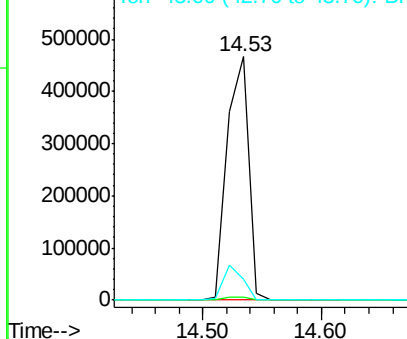
Lab File: BF080969.D

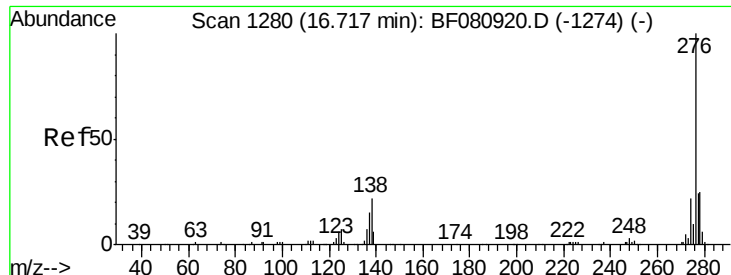
Acq: 11 Aug 2015 19:05

Tgt Ion:	149	Resp:	583993
Ion Ratio		Lower	Upper
149	100		
167	1.3	1.1	1.7
43	13.3	11.0	16.4



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





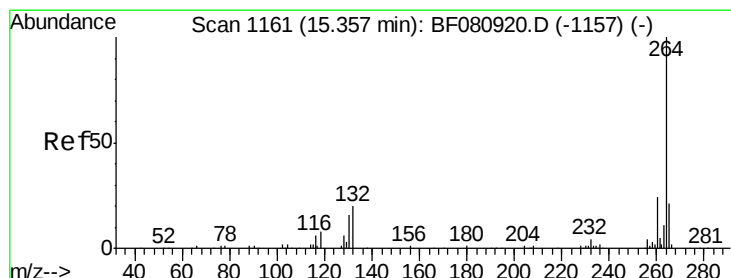
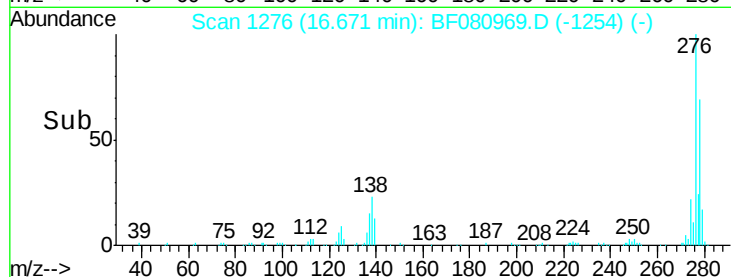
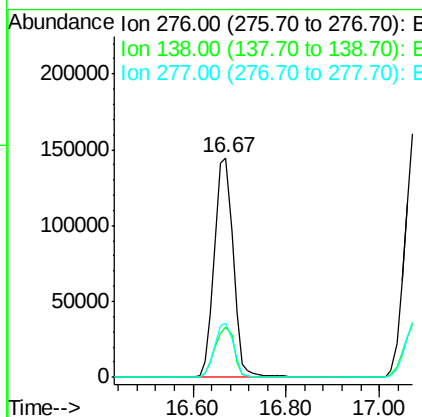
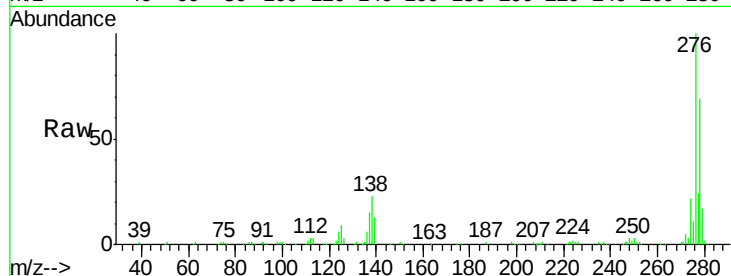
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	408223		
138	23.3		19.9	29.9
277	24.6		19.7	29.5

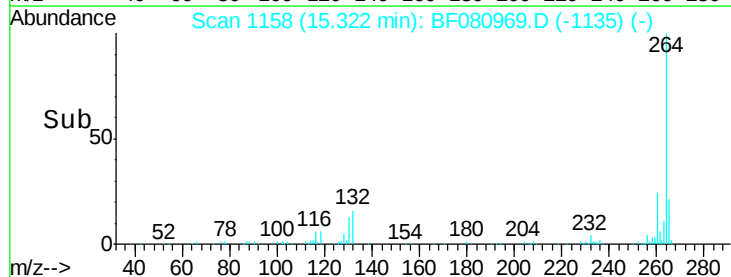
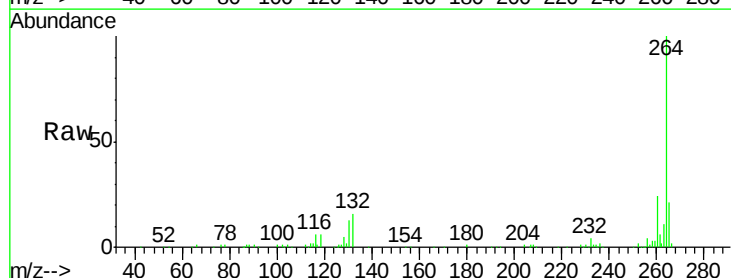
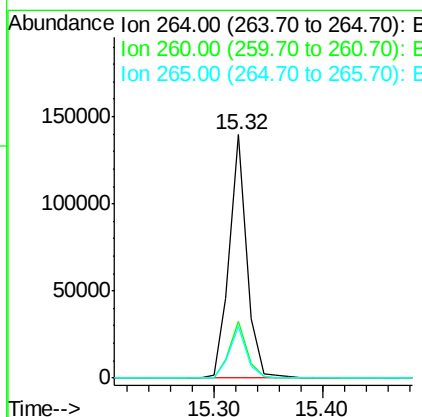
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	155312		
260	23.5		19.4	29.0
265	21.3		17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 43.00 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.03 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

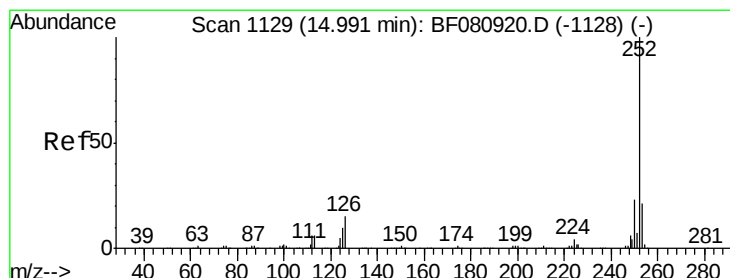
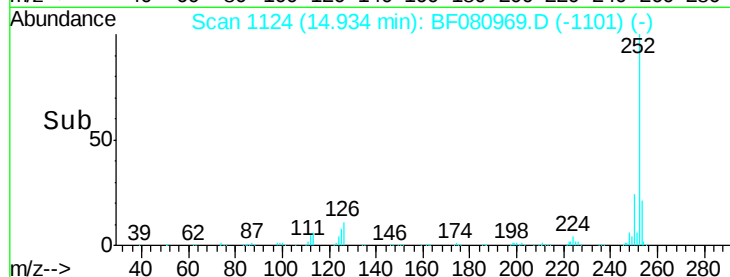
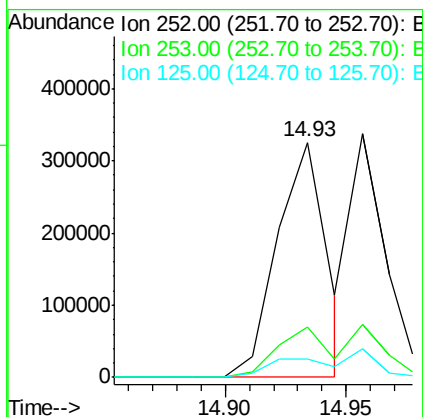
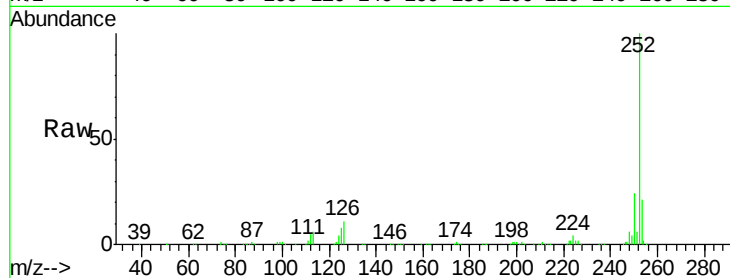
ClientSampleId :

PB84838BS

Tgt Ion:	252	Resp:	464418
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.6	26.4
125	7.9	6.1	9.1

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#88

Benzo(k)fluoranthene

Concen: 36.16 ng m

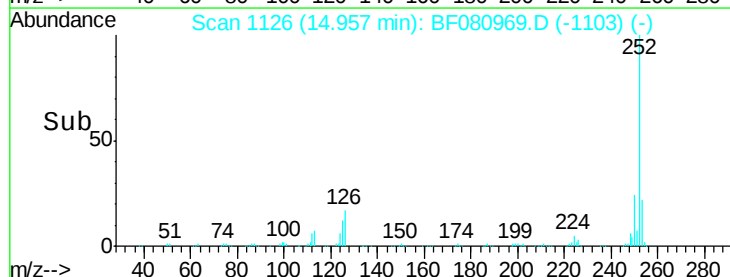
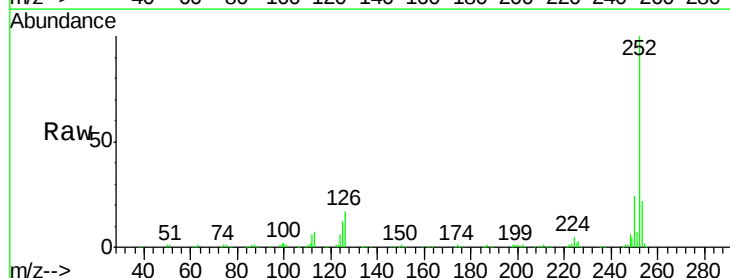
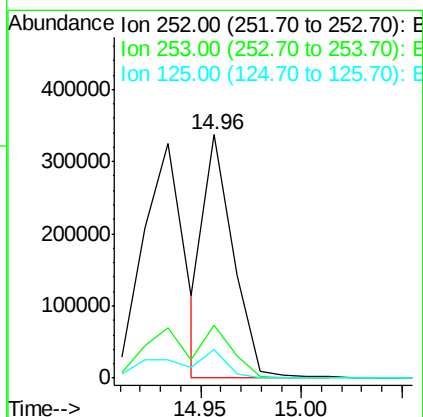
RT: 14.96 min Scan# 1126

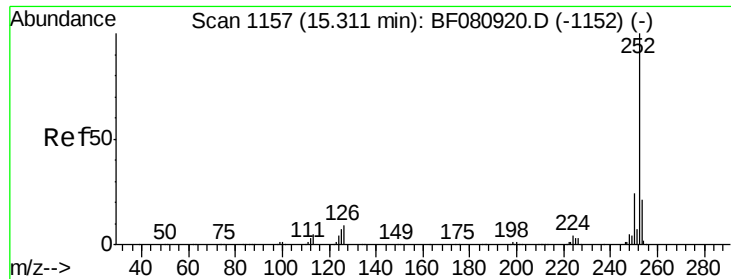
Delta R.T. -0.03 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	252	Resp:	341646
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	11.7	9.0	13.6





#89

Benzo(a)pyrene

Concen: 39.77 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080969.D

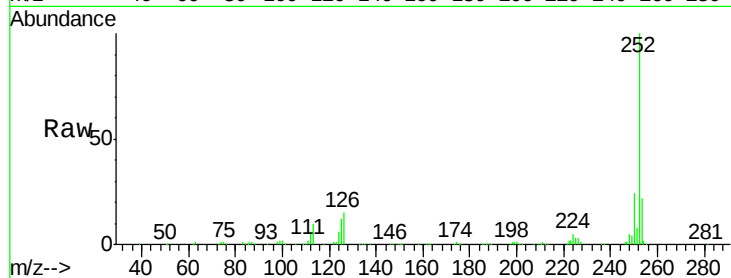
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

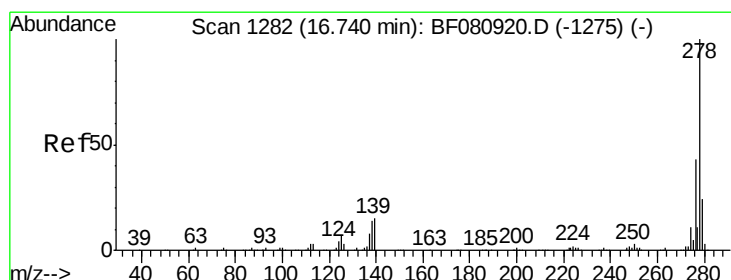
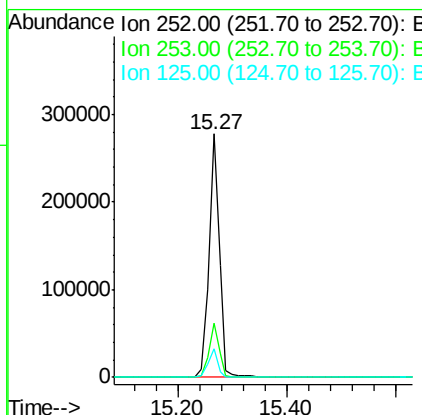
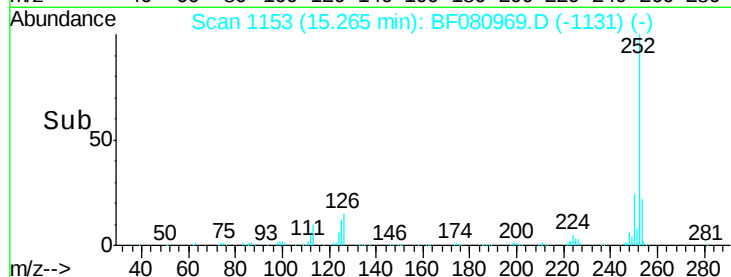
PB84838BS



Tgt Ion:	252	Resp:	369194
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.9	25.3
125	11.7	5.8	8.8#

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#90

Dibenzo(a,h)anthracene

Concen: 41.16 ng

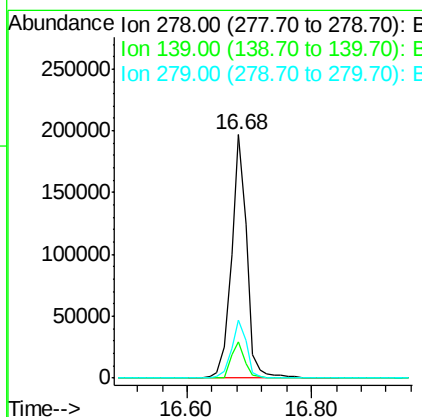
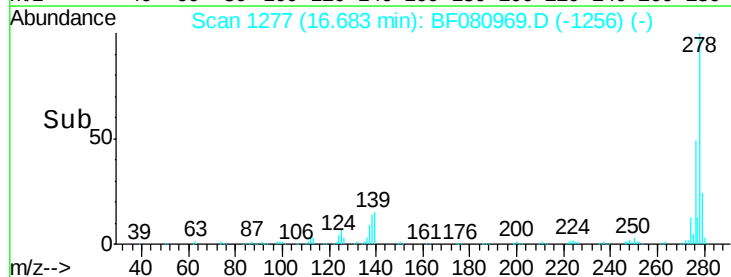
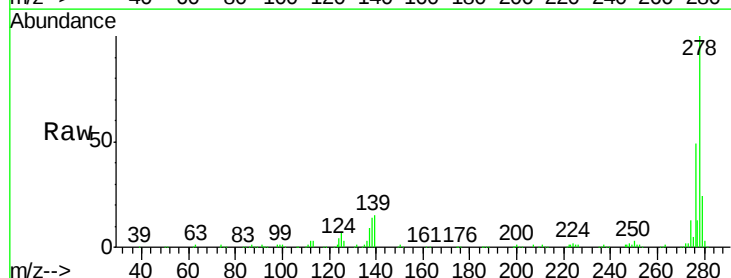
RT: 16.68 min Scan# 1277

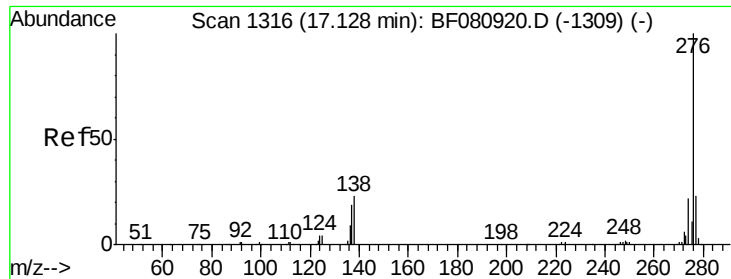
Delta R.T. -0.06 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:	278	Resp:	337884
Ion Ratio	Lower	Upper	
278	100		
139	15.0	11.9	17.9
279	23.7	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 44.13 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tgt Ion:	276	Resp:	352378
Ion Ratio		Lower	Upper
276	100		
277	22.5	18.6	28.0
138	21.5	18.4	27.6

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