

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080018.D
 Acq On : 17 Jun 2015 7:24
 Operator : TP/IZ
 Sample : G2651-09MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Manual Integrations
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 6/17/2015 5:13:15 PM

Quant Time: Jun 17 14:53:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	44738	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	175512	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	90328	20.00	ng	0.00
63) Phenanthrene-d10	11.93	188	191879	20.00	ng	0.01
75) Chrysene-d12	15.03	240	211263	20.00	ng	0.13
86) Perylene-d12	17.01	264	212256	20.00	ng	0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.97	112	361175	148.03	ng	0.01
7) Phenol-d6	6.95	99	460857	138.64	ng	0.00
23) Nitrobenzene-d5	7.91	82	299869	112.73	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	133334	146.18	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	549411	85.17	ng	0.00
78) Terphenyl-d14	13.69	244	727463	79.39	ng	0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	36931	33.27	ng	98
3) Pyridine	4.08	79	77360	27.20	ng	97
4) n-Nitrosodimethylamine	3.98	42	56605	40.38	ng	98
6) Aniline	7.01	93	163830	34.06	ng	96
8) 2-Chlorophenol	7.13	128	118656	40.02	ng	90
9) Benzaldehyde	6.89	77	78782	41.23	ng	97
10) Phenol	6.97	94	145002	39.66	ng	94
11) bis(2-Chloroethyl)ether	7.06	93	108932	37.03	ng	91
12) 1,3-Dichlorobenzene	7.29	146	130528	37.73	ng	96
13) 1,4-Dichlorobenzene	7.37	146	141146	39.28	ng	98
14) 1,2-Dichlorobenzene	7.53	146	124611	39.05	ng	# 91
15) Benzyl Alcohol	7.48	79	117563	44.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.61	45	177490	40.74	ng	99
17) 2-Methylphenol	7.58	107	93858	36.23	ng	94
18) Hexachloroethane	7.88	117	43826	39.39	ng	95
19) n-Nitroso-di-n-propylamine	7.74	70	87522	36.85	ng	94
20) 3+4-Methylphenols	7.74	107	132704	40.08	ng	92
22) Acetophenone	7.75	105	183027	44.16	ng	# 95
24) Nitrobenzene	7.92	77	124553	44.02	ng	95
25) Isophorone	8.16	82	239873	38.75	ng	96
26) 2-Nitrophenol	8.25	139	56569	56.35	ng	93
27) 2,4-Dimethylphenol	8.28	122	105165m	37.91	ng	
28) bis(2-Chloroethoxy)methane	8.37	93	154710	42.09	ng	100
29) 2,4-Dichlorophenol	8.49	162	105487	45.40	ng	86
30) 1,2,4-Trichlorobenzene	8.58	180	117958	39.94	ng	99
31) Naphthalene	8.66	128	374123	39.00	ng	99
32) Benzoic acid	8.32	122	44592m	42.38	ng	
33) 4-Chloroaniline	8.70	127	128545m	34.52	ng	
34) Hexachlorobutadiene	8.79	225	63422	38.68	ng	98
35) Caprolactam	9.03	113	29550	40.21	ng	# 59
36) 4-Chloro-3-methylphenol	9.17	107	107594	40.53	ng	89
37) 2-Methylnaphthalene	9.36	142	267024	41.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	116684	38.57	ng	99
40) Hexachlorocyclopentadiene	9.52	237	43511	41.82	ng	97

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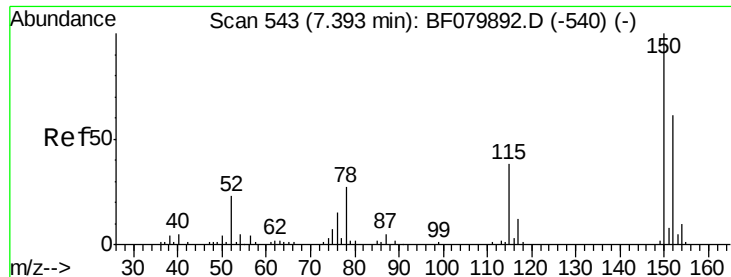
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	80651	43.27	ng	97
43) 2,4,5-Trichlorophenol	9.67	196	83814	40.73	ng	96
45) 1,1'-Biphenyl	9.82	154	284096	38.86	ng	99
46) 2-Chloronaphthalene	9.85	162	237136	38.10	ng	99
47) 2-Nitroaniline	9.93	65	66091	49.31	ng	97
48) Acenaphthylene	10.28	152	401344	38.20	ng	99
49) Dimethylphthalate	10.10	163	313459	43.31	ng	100
50) 2,6-Dinitrotoluene	10.17	165	56569	43.11	ng	94
51) Acenaphthene	10.45	154	241922	40.51	ng	97
52) 3-Nitroaniline	10.34	138	60861	38.47	ng	97
53) 2,4-Dinitrophenol	10.46	184	29152	93.41	ng	# 1
54) Dibenzofuran	10.62	168	345500	39.60	ng	100
55) 4-Nitrophenol	10.49	139	111767	96.22	ng	# 71
56) 2,4-Dinitrotoluene	10.58	165	78741	45.23	ng	93
57) Fluorene	10.97	166	283207	37.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	71223	45.67	ng	96
59) Diethylphthalate	10.81	149	271885	37.57	ng	99
60) 4-Chlorophenyl-phenylether	10.95	204	130060	38.30	ng	98
61) 4-Nitroaniline	10.96	138	66191	39.82	ng	96
62) Azobenzene	11.11	77	276485	39.71	ng	99
64) 4,6-Dinitro-2-methylphenol	11.00	198	26540	58.14	ng	90
65) n-Nitrosodiphenylamine	11.06	169	250361	40.42	ng	99
66) 4-Bromophenyl-phenylether	11.45	248	85321	39.68	ng	93
67) Hexachlorobenzene	11.53	284	89468	38.14	ng	# 91
68) Atrazine	11.59	200	81163	42.57	ng	96
69) Pentachlorophenol	11.73	266	100615	90.37	ng	98
70) Phenanthrene	11.96	178	430991	37.69	ng	99
71) Anthracene	12.01	178	447432	40.43	ng	100
72) Carbazole	12.17	167	386062	35.97	ng	99
73) Di-n-butylphthalate	12.50	149	470181	40.21	ng	99
74) Fluoranthene	13.27	202	481988	38.13	ng	94
76) Benzidine	13.38	184	217885	37.24	ng	99
77) Pyrene	13.53	202	508934	38.36	ng	99
79) Butylbenzylphthalate	14.26	149	219700	49.03	ng	# 83
80) Benzo(a)anthracene	15.02	228	491922	36.67	ng	99
81) 3,3'-Dichlorobenzidine	14.96	252	182506	42.55	ng	# 97
82) Chrysene	15.08	228	458951	38.51	ng	99
83) Bis(2-ethylhexyl)phthalate	15.01	149	329119	45.89	ng	99
84) Di-n-octyl phthalate	15.87	149	566957	48.48	ng	99
85) Indeno(1,2,3-cd)pyrene	18.91	276	537915	38.29	ng	99
87) Benzo(b)fluoranthene	16.45	252	500399m	38.48	ng	
88) Benzo(k)fluoranthene	16.49	252	470184	35.45	ng	98
89) Benzo(a)pyrene	16.93	252	476504	38.53	ng	# 95
90) Dibenzo(a,h)anthracene	18.93	278	458074	37.68	ng	98
91) Benzo(g,h,i)perylene	19.47	276	459184	36.50	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 373

Delta R.T. -0.00 min

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Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

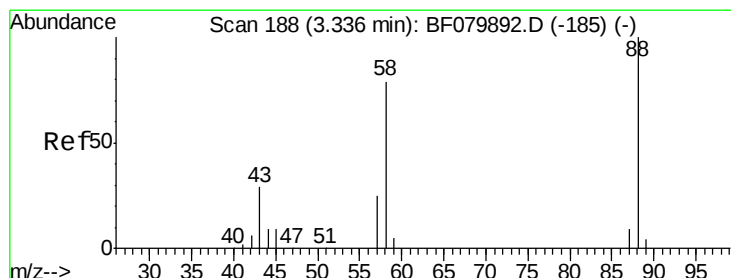
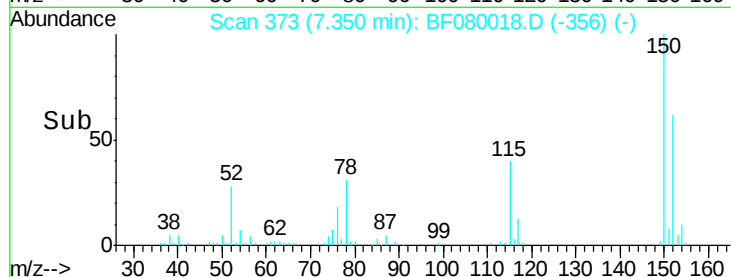
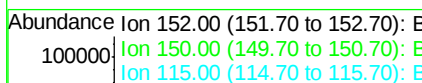
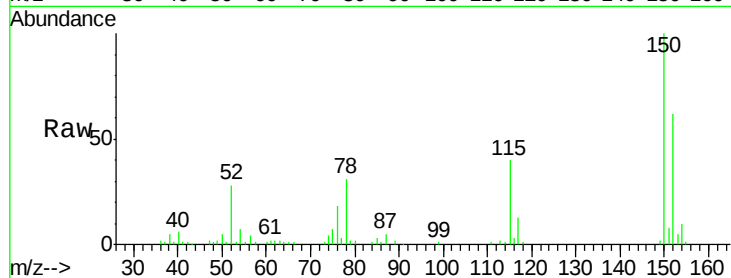
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	152	Resp:	44738
Ion Ratio	Lower	Upper	
152	100		
150	162.3	131.0	196.4
115	65.2	49.8	74.6

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#2

1,4-Dioxane

Concen: 33.27 ng

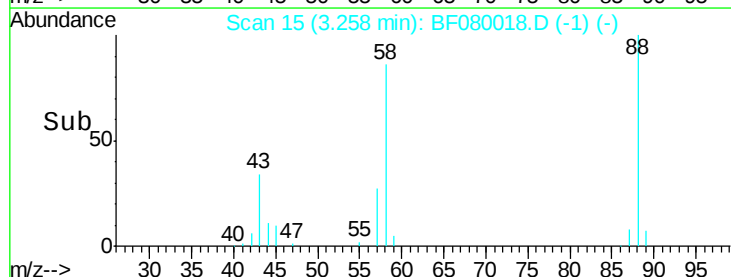
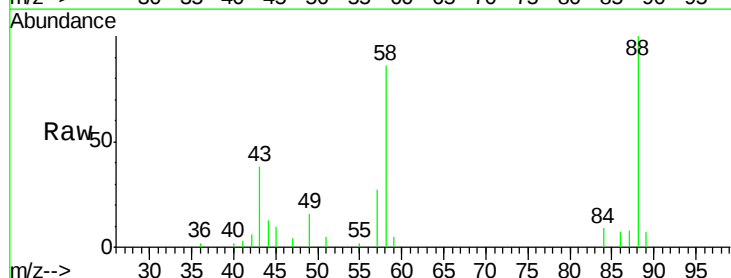
RT: 3.26 min Scan# 15

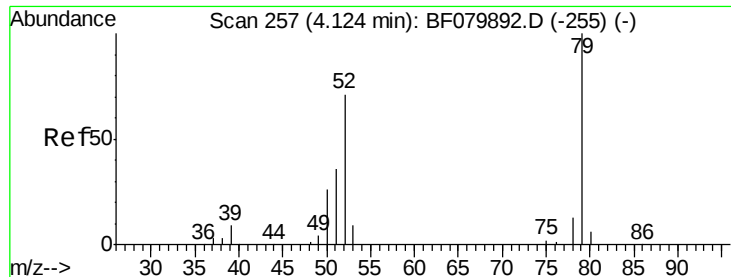
Delta R.T. 0.01 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	88	Resp:	36931
Ion Ratio	Lower	Upper	
88	100		
58	77.4	63.0	94.4
43	30.1	23.2	34.8





#3

Pyridine

Concen: 27.20 ng

RT: 4.08 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

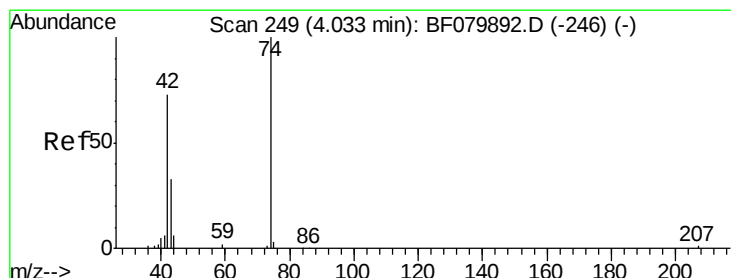
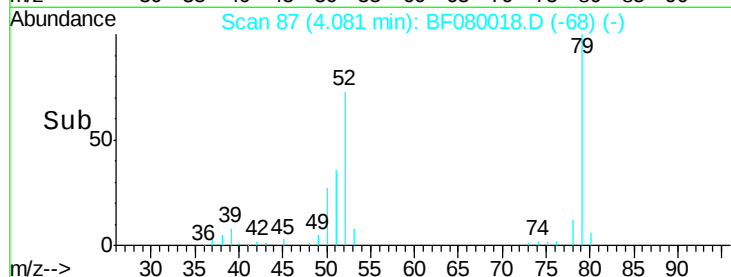
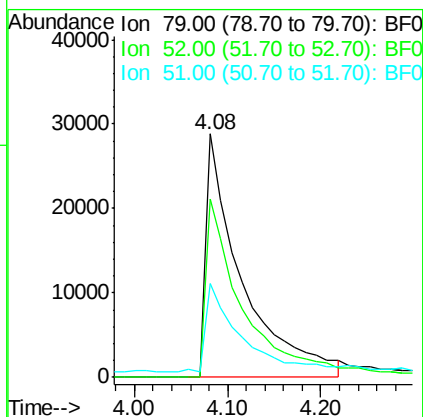
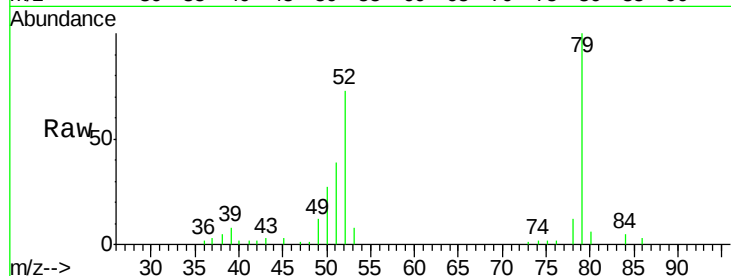
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	79	Resp:	77360
Ion Ratio	Lower	Upper	
79	100		
52	73.4	56.7	85.1
51	38.7	29.8	44.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.38 ng

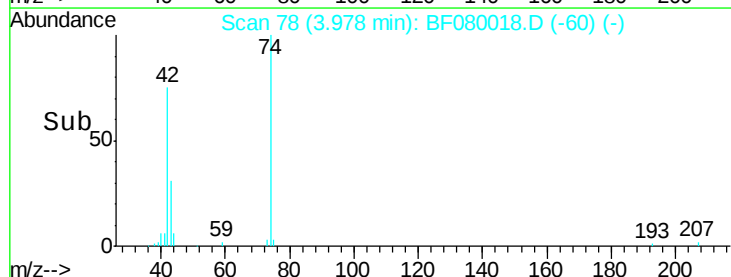
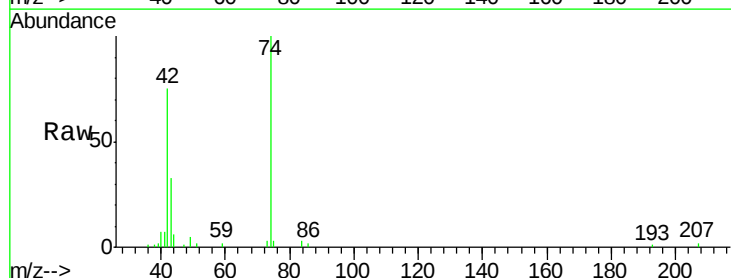
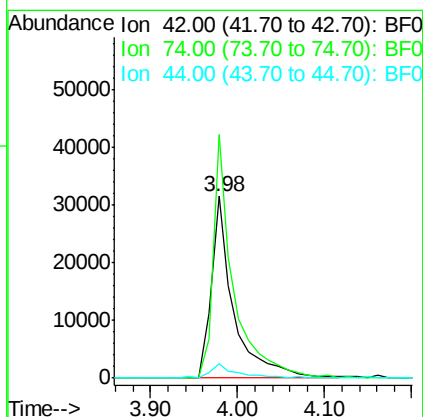
RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	42	Resp:	56605
Ion Ratio	Lower	Upper	
42	100		
74	133.8	109.0	163.6
44	8.3	7.7	11.5





#5

2-Fluorophenol

Concen: 148.03 ng

RT: 5.97 min Scan# 252

Delta R.T. 0.01 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

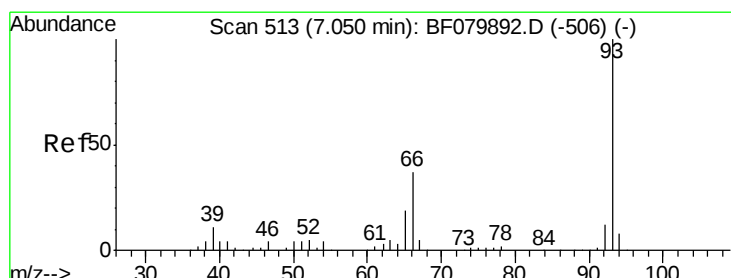
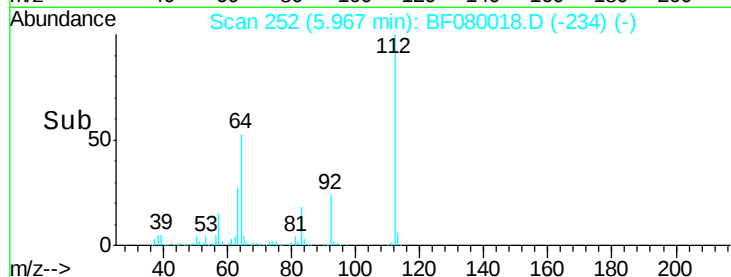
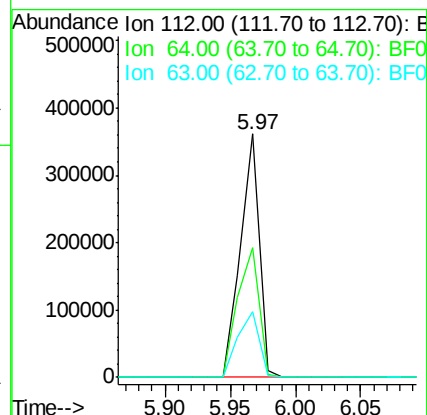
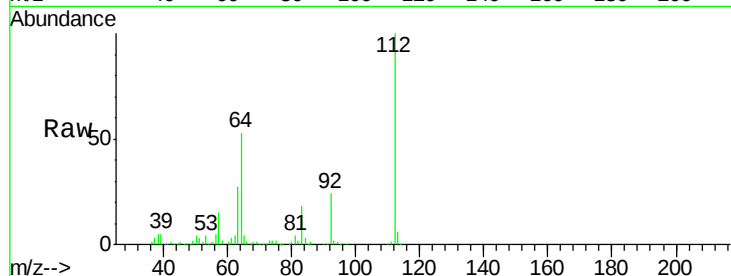
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	112	Resp:	361175
Ion Ratio	Lower	Upper	
112	100		
64	53.3	54.5	81.7#
63	26.8	27.9	41.9#

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#6

Aniline

Concen: 34.06 ng

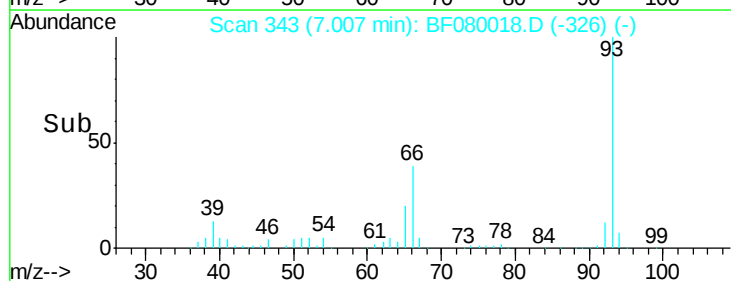
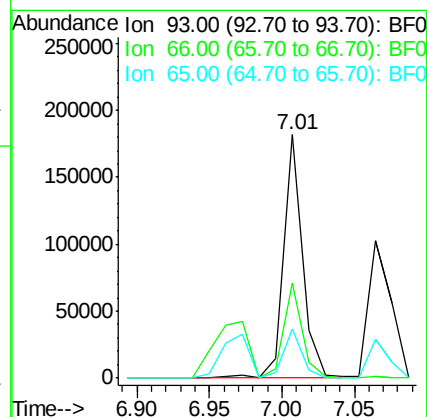
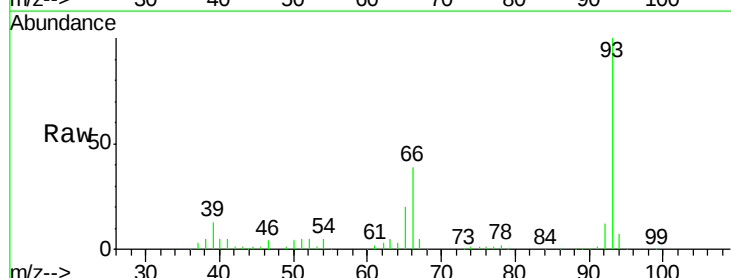
RT: 7.01 min Scan# 343

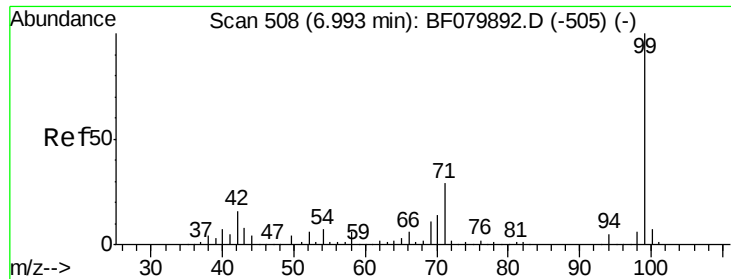
Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	93	Resp:	163830
Ion Ratio	Lower	Upper	
93	100		
66	39.1	29.4	44.0
65	20.1	14.9	22.3





#7

Phenol-d6

Concen: 138.64 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion: 99 Resp: 460857
Ion Ratio Lower Upper

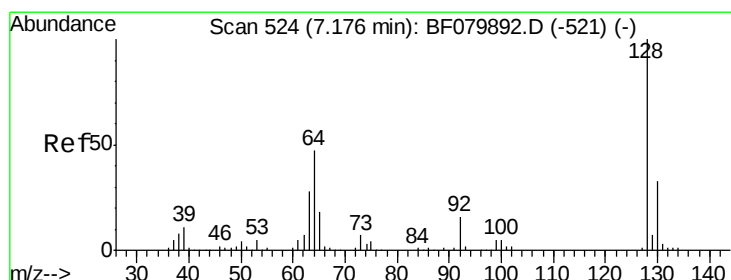
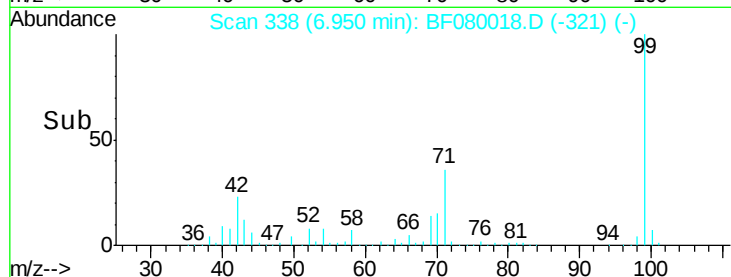
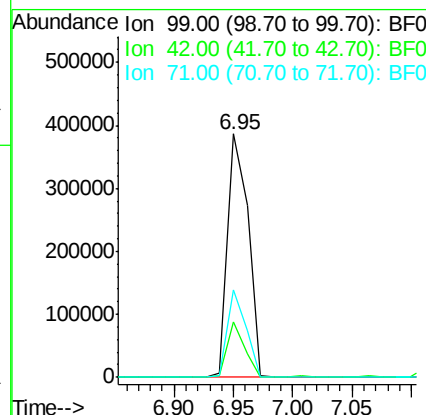
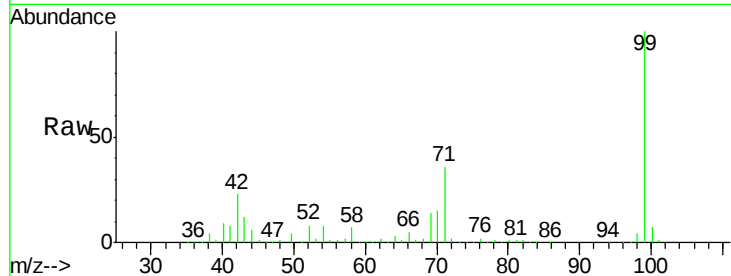
99 100

42 23.0 12.9 19.3#

71 35.9 23.4 35.2#

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#8

2-Chlorophenol

Concen: 40.02 ng

RT: 7.13 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF080018.D

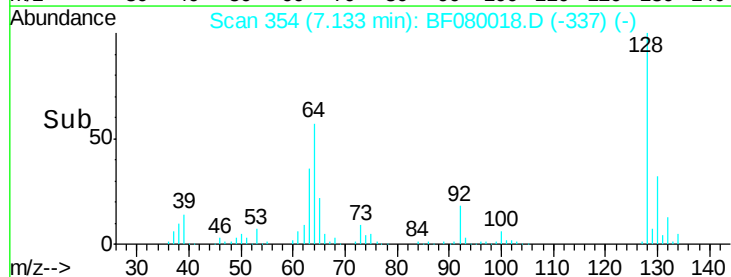
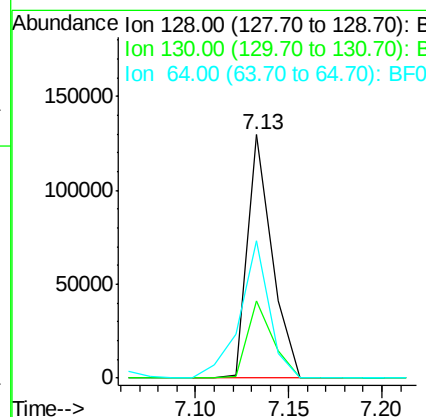
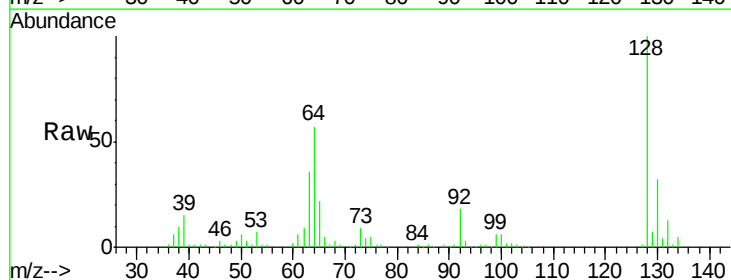
Acq: 17 Jun 2015 7:24

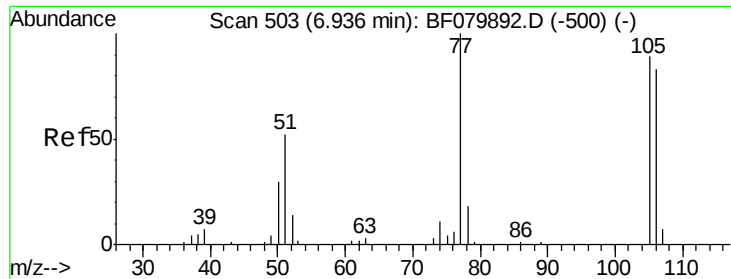
Tgt Ion: 128 Resp: 118656
Ion Ratio Lower Upper

128 100

130 31.8 13.1 53.1

64 56.6 26.8 66.8





#9

Benzaldehyde

Concen: 41.23 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

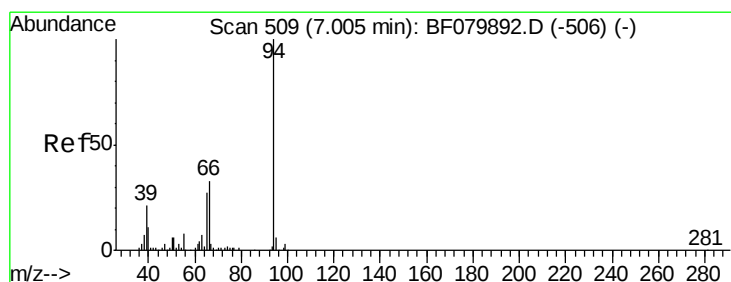
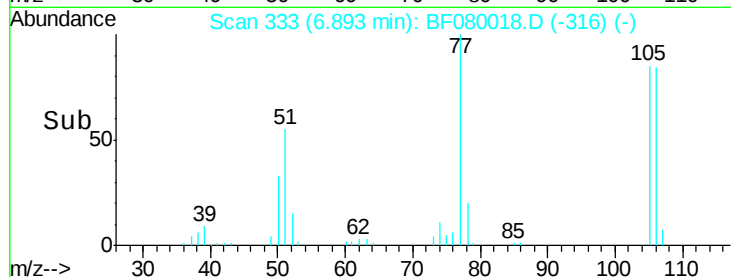
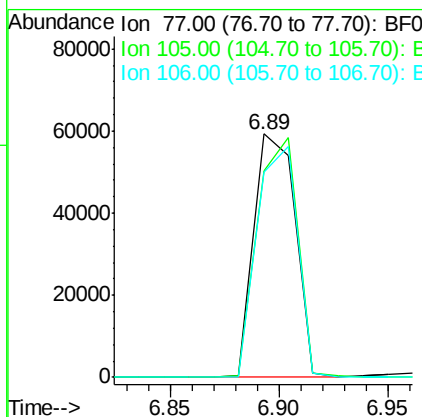
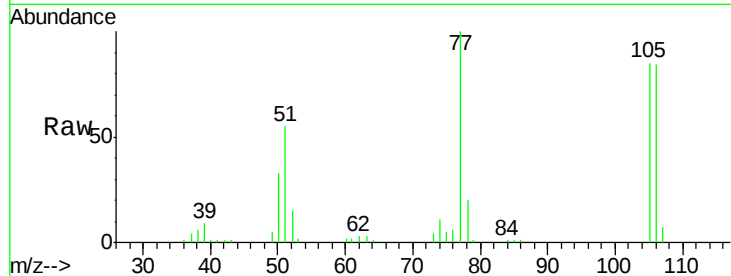
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	77	Resp:	78782
Ion Ratio	Lower	Upper	
77	100		
105	84.7	68.6	108.6
106	84.5	63.3	103.3

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#10

Phenol

Concen: 39.66 ng

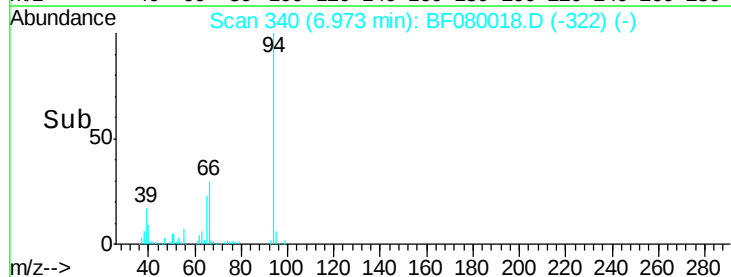
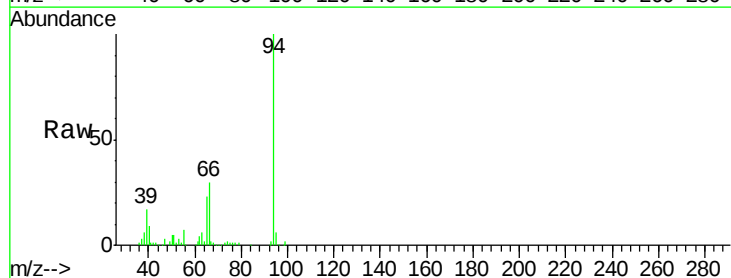
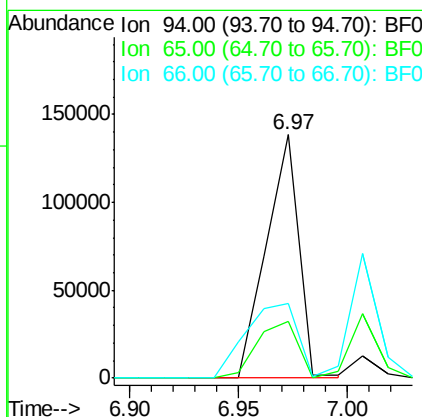
RT: 6.97 min Scan# 340

Delta R.T. 0.01 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	94	Resp:	145002
Ion Ratio	Lower	Upper	
94	100		
65	23.4	7.0	47.0
66	30.4	13.3	53.3





#11

bis(2-Chloroethyl)ether

Concen: 37.03 ng

RT: 7.06 min Scan# 348

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

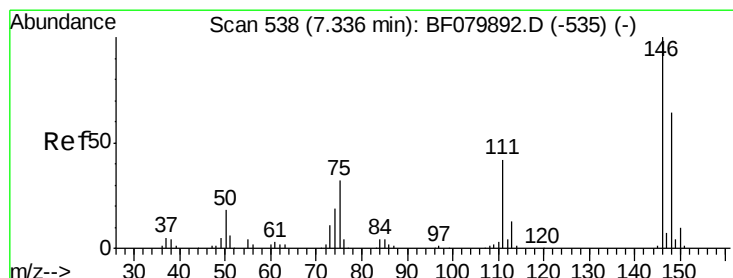
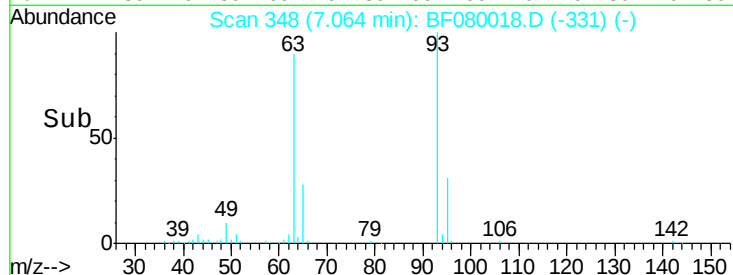
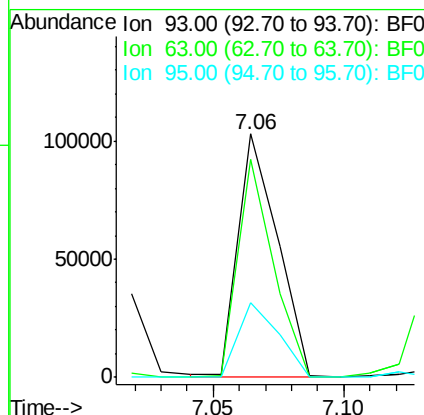
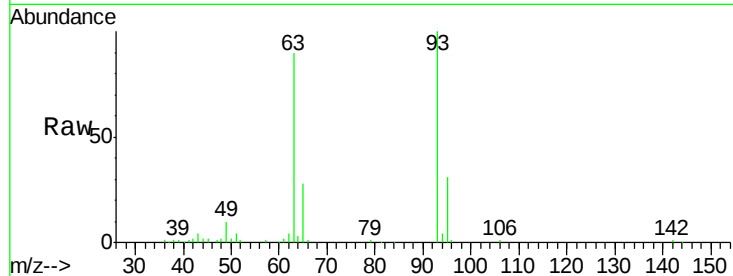
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	93	Resp:	108932
Ion Ratio	Lower	Upper	
93	100		
63	89.7	58.7	98.7
95	30.7	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 37.73 ng

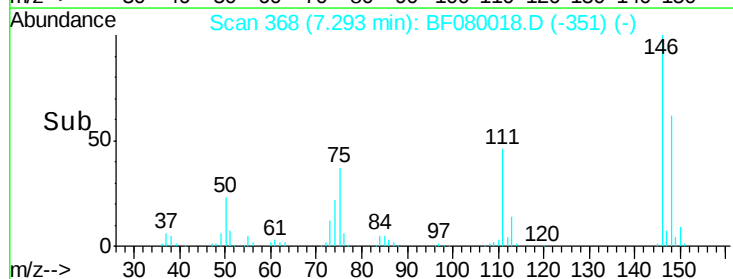
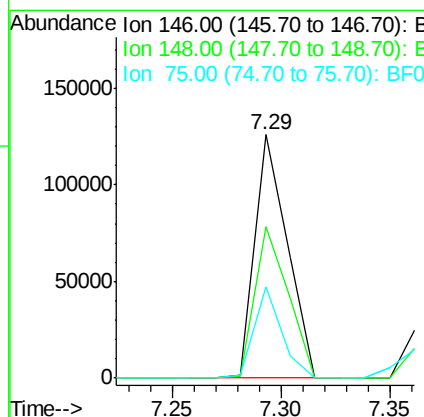
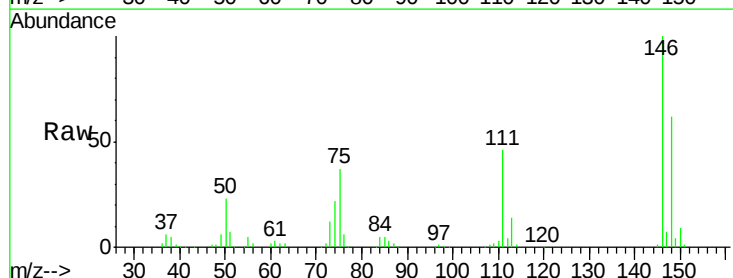
RT: 7.29 min Scan# 368

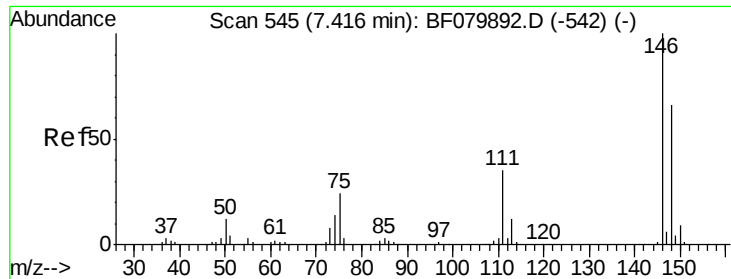
Delta R.T. -0.00 min

Lab File: BF080018.D

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Tgt Ion:	146	Resp:	130528
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.9	76.3
75	37.4	25.8	38.6





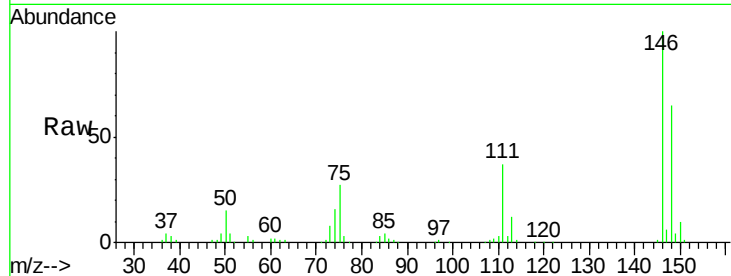
#13
 1,4-Dichlorobenzene
 Concen: 39.28 ng
 RT: 7.37 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

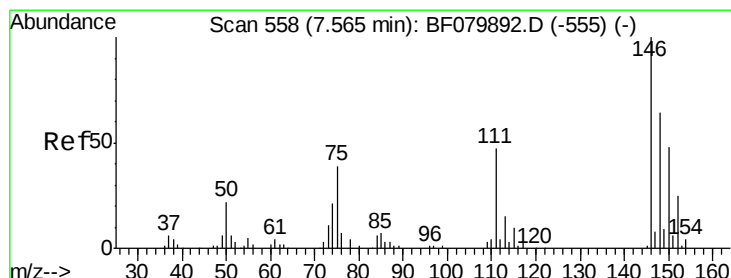
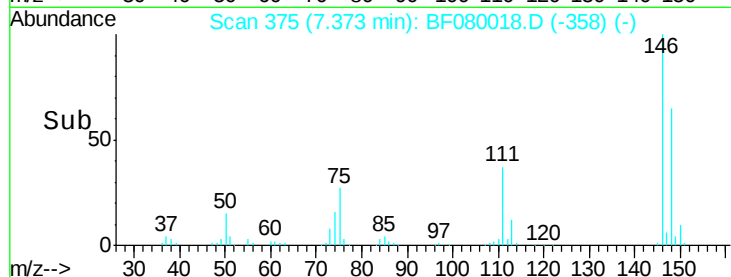
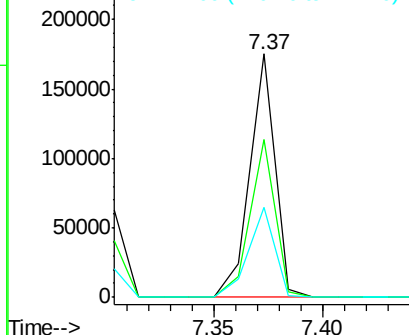
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.0	79.6
111	36.8	28.2	42.2

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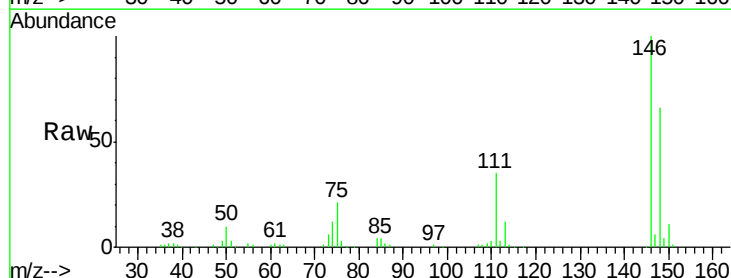


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

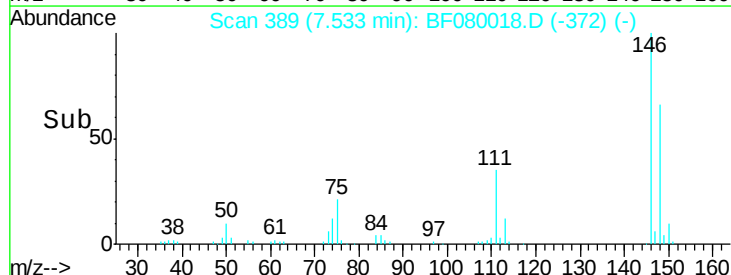
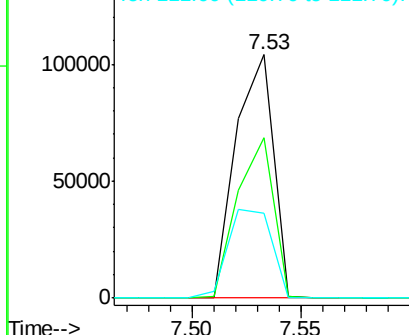


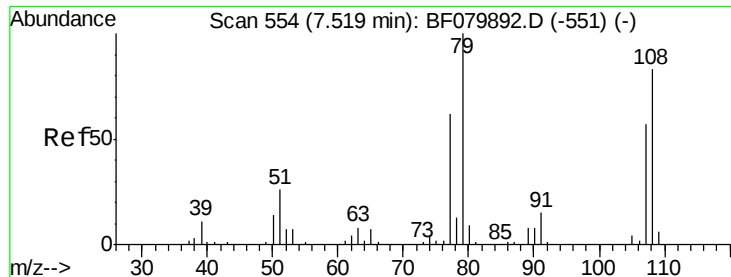
#14
 1,2-Dichlorobenzene
 Concen: 39.05 ng
 RT: 7.53 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
111	34.8	37.3	55.9#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.11 ng

RT: 7.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion: 79 Resp: 117563

Ion Ratio Lower Upper

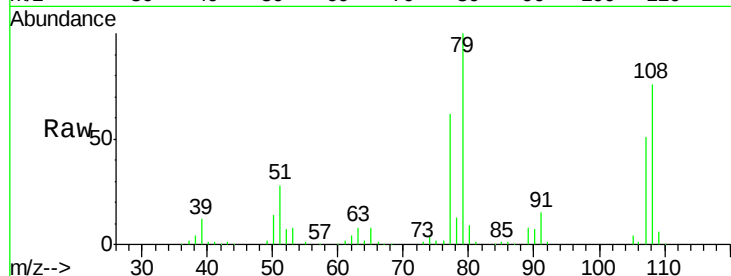
79 100

108 75.6 66.4 99.6

77 61.9 49.4 74.0

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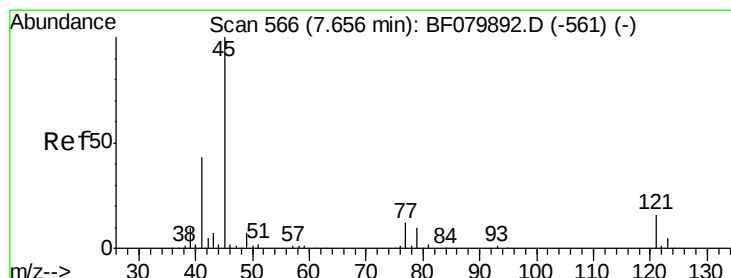
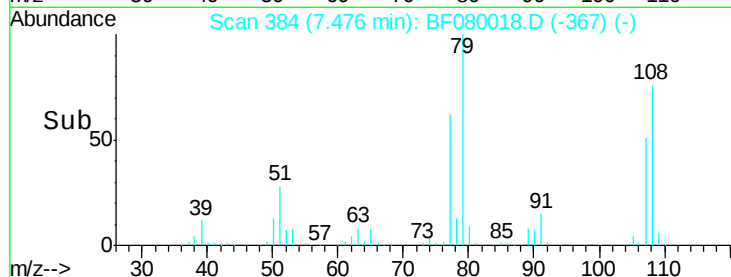
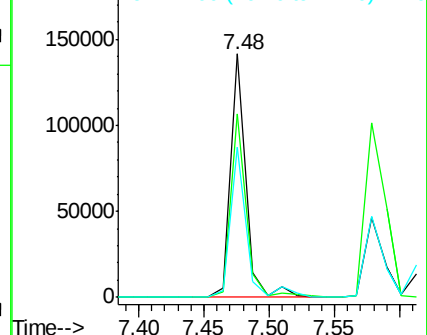
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.74 ng

RT: 7.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

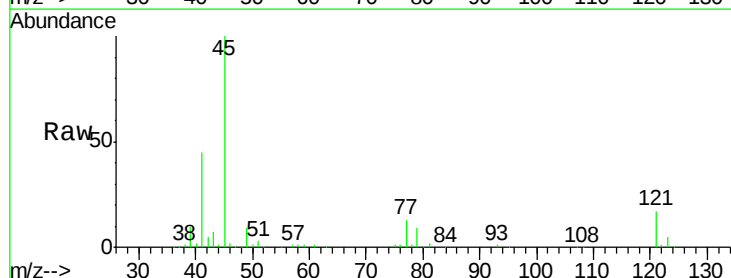
Tgt Ion: 45 Resp: 177490

Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.9

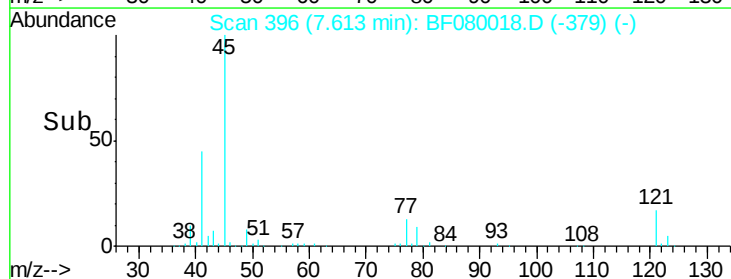
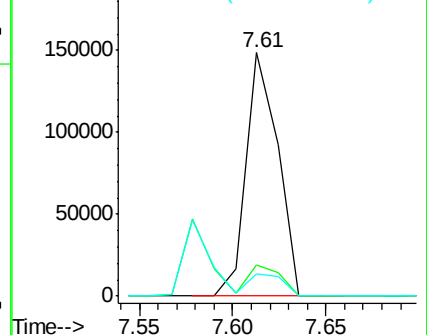
79 9.3 0.0 29.6

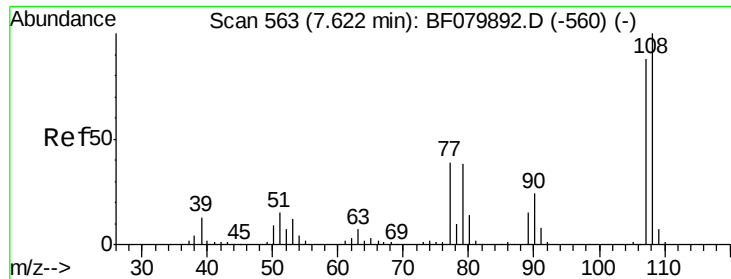


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.23 ng

RT: 7.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080018.D

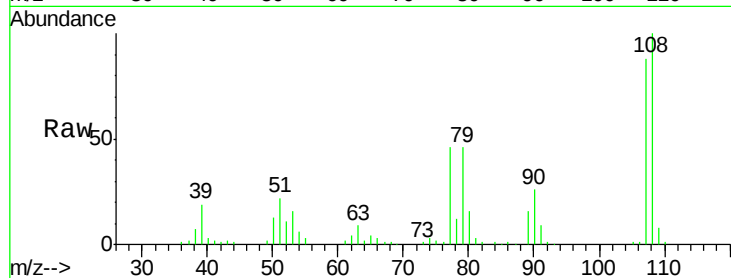
Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

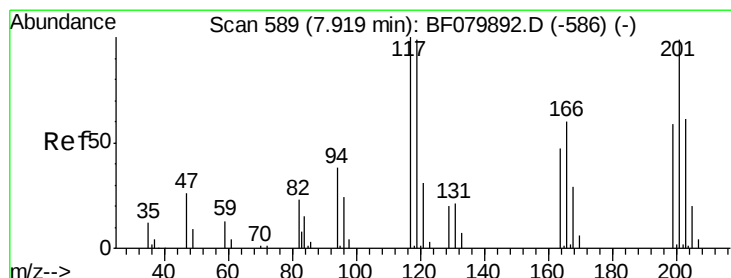
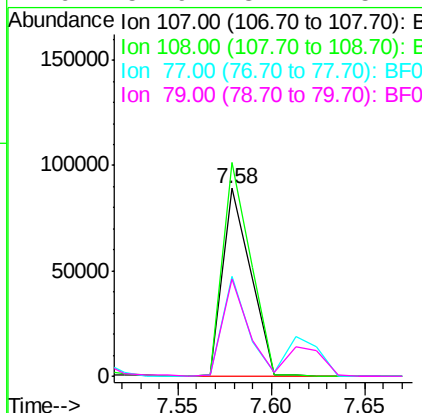
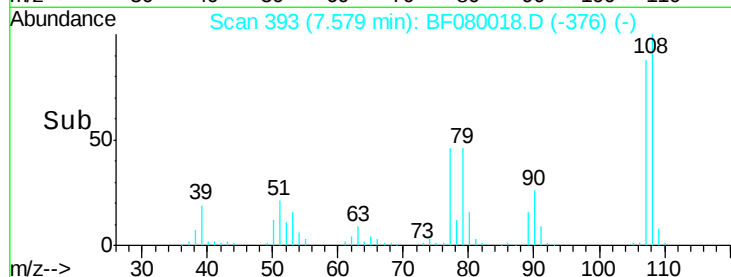
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Tgt Ion:	107	Resp:	93858
Ion Ratio	Lower	Upper	
107	100		
108	113.8	90.8	136.2
77	52.9	35.4	53.2
79	51.9	34.7	52.1

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#18

Hexachloroethane

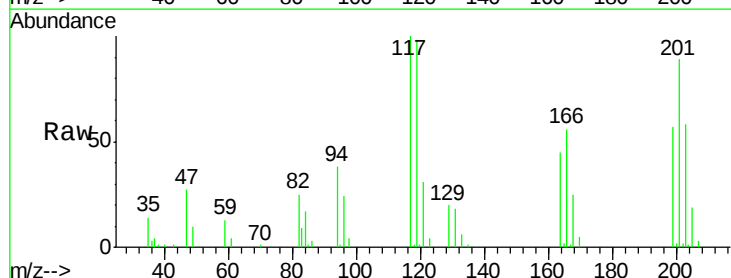
Concen: 39.39 ng

RT: 7.88 min Scan# 419

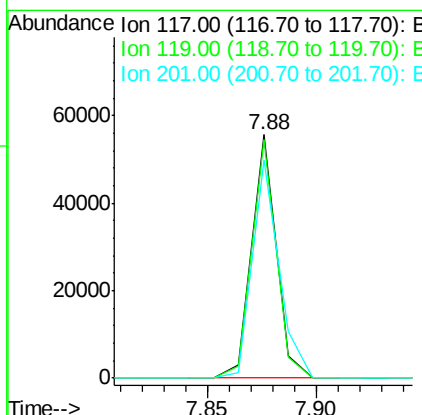
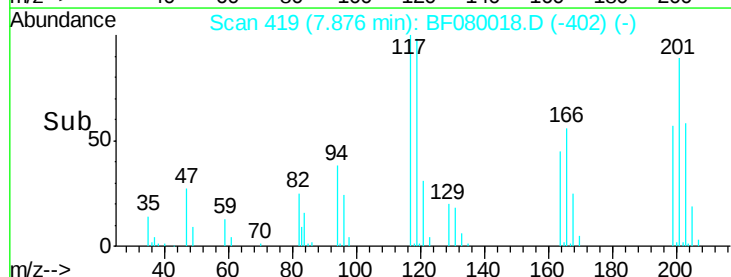
Delta R.T. -0.00 min

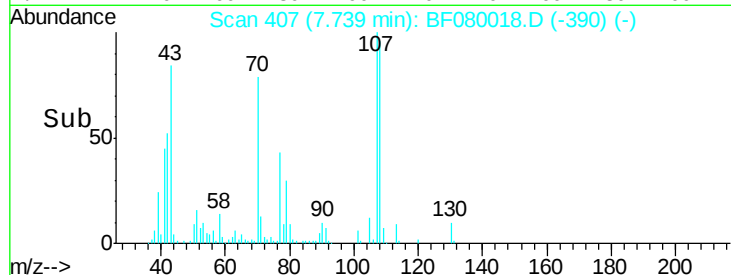
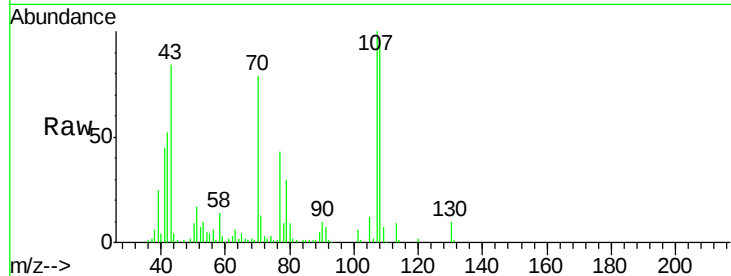
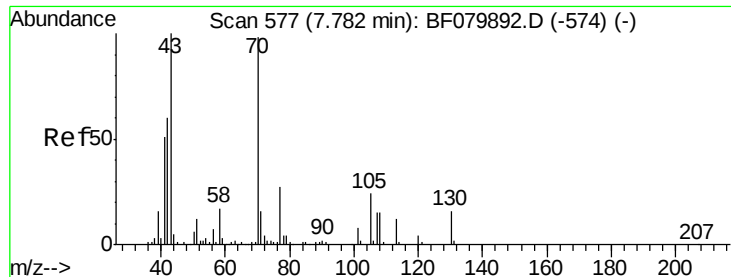
Lab File: BF080018.D

Acq: 17 Jun 2015 7:24



Tgt Ion:	117	Resp:	43826
Ion Ratio	Lower	Upper	
117	100		
119	97.8	79.0	118.6
201	89.4	79.0	118.6





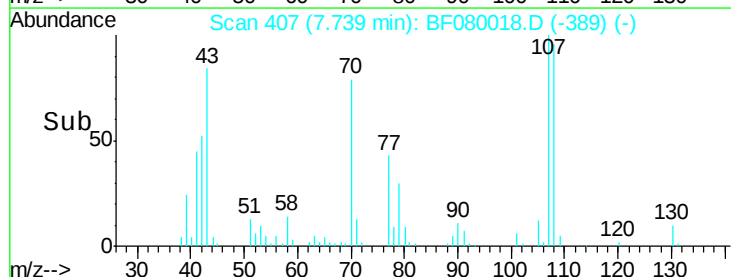
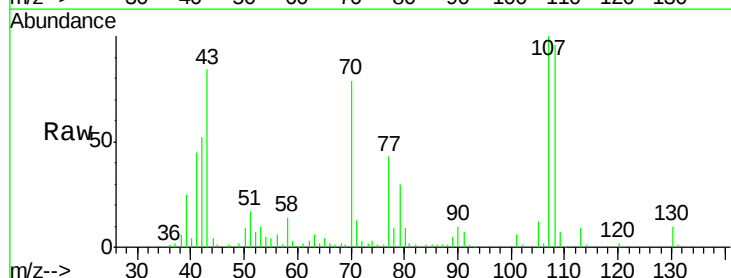
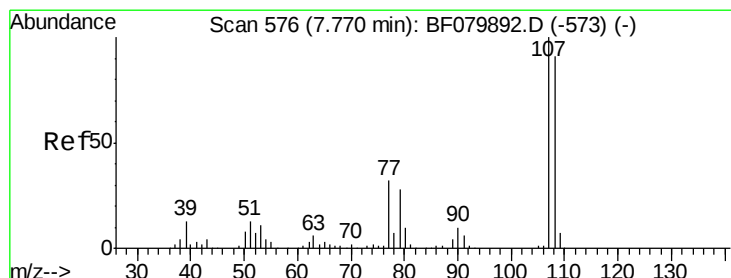
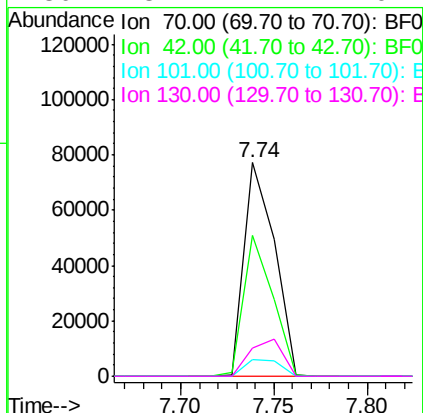
#19
n-Nitroso-di-n-propylamine
Concen: 36.85 ng
RT: 7.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

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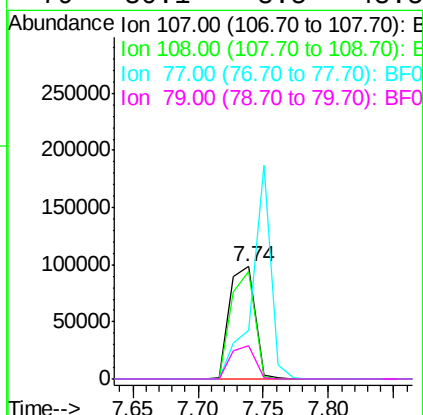
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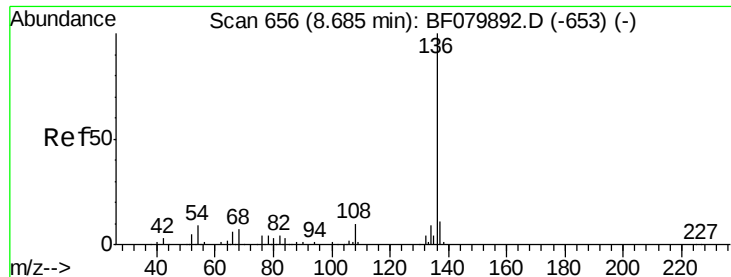
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.2	49.0	73.4	
101	7.7	6.6	9.8	
130	13.1	12.7	19.1	



#20
3+4-Methylphenols
Concen: 40.08 ng
RT: 7.74 min Scan# 407
Delta R.T. 0.01 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.9	71.1	111.1	
77	43.1	12.2	52.2	
79	30.1	8.5	48.5	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080018.D

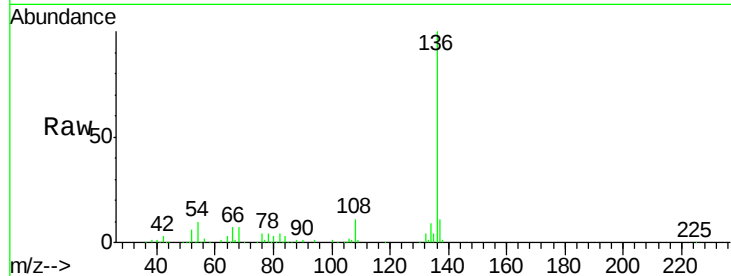
Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

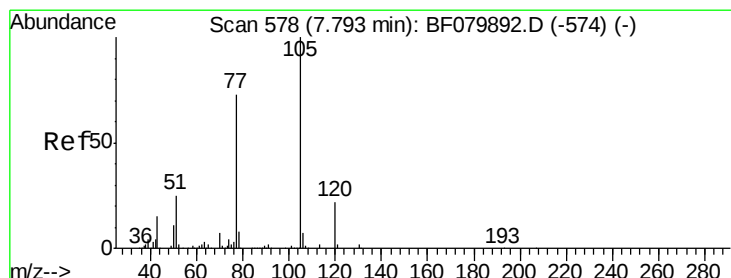
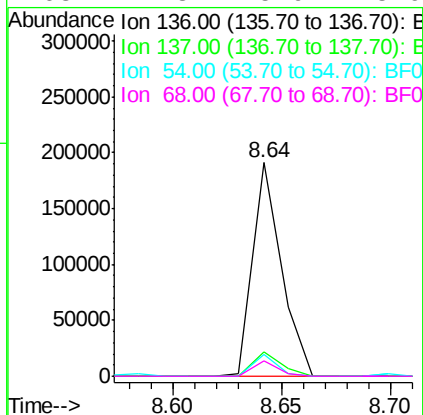
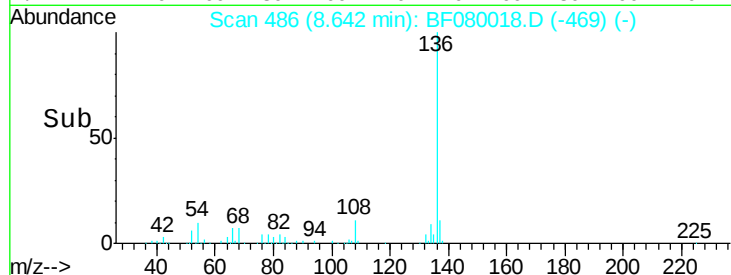
NC-HC-001MSD



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		175512		
137	11.2	8.7	13.1		
54	10.4	7.3	10.9		
68	7.3	5.9	8.9		

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#22

Acetophenone

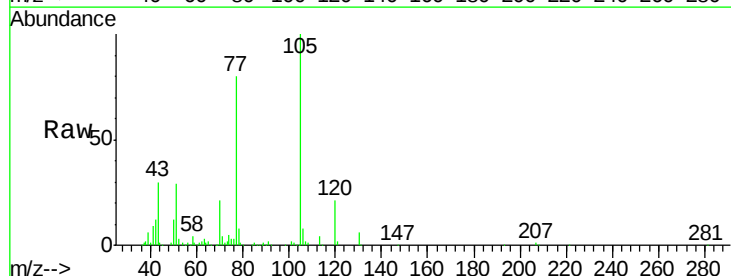
Concen: 44.16 ng

RT: 7.75 min Scan# 408

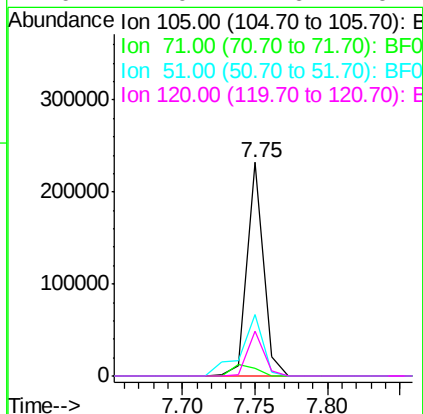
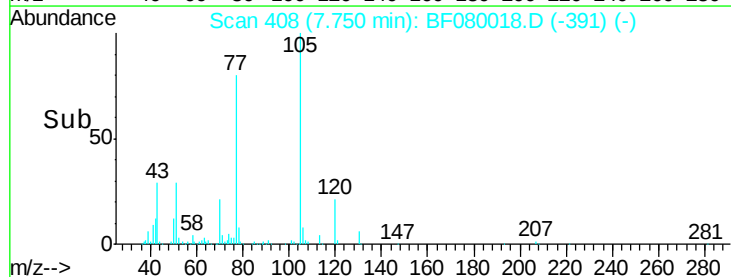
Delta R.T. -0.00 min

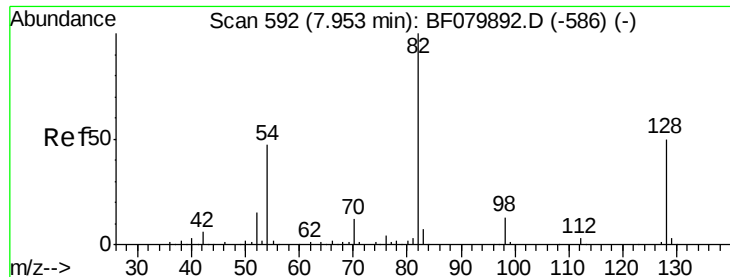
Lab File: BF080018.D

Acq: 17 Jun 2015 7:24



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		183027		
71	3.6	1.0	1.4#		
51	28.7	19.8	29.6		
120	21.0	17.6	26.4		





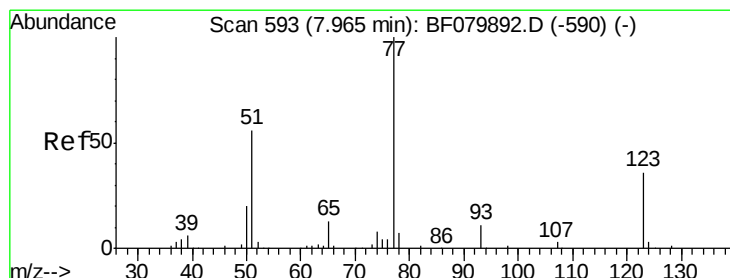
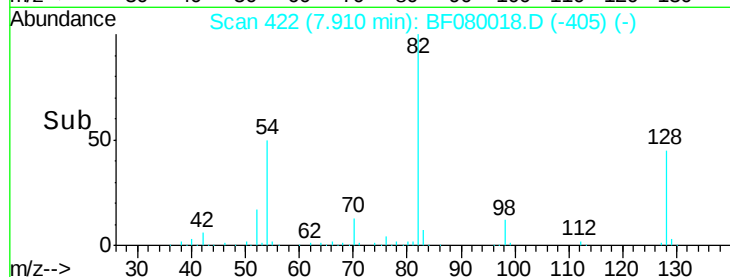
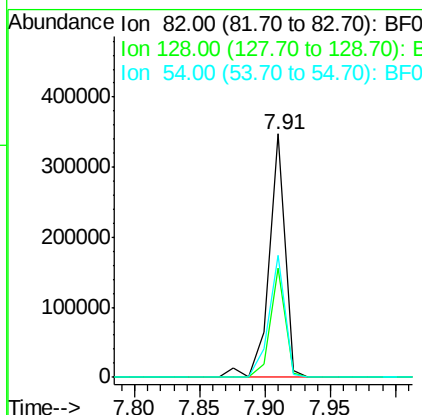
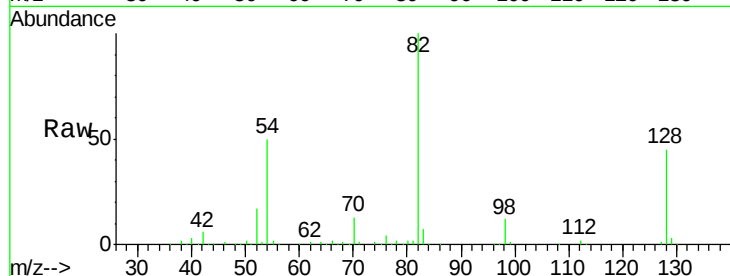
#23
 Nitrobenzene-d5
 Concen: 112.73 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	299869		
128	44.7	40.3	60.5	
54	50.2	38.0	57.0	

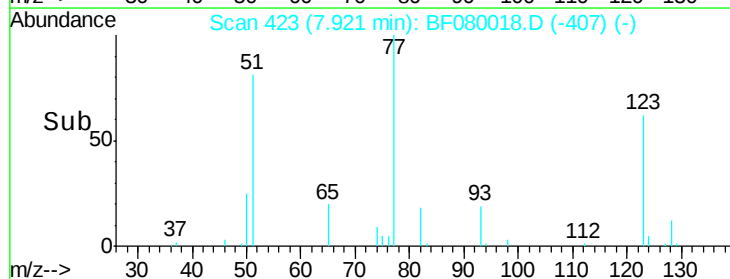
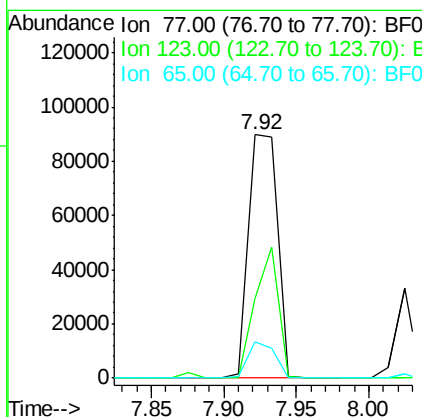
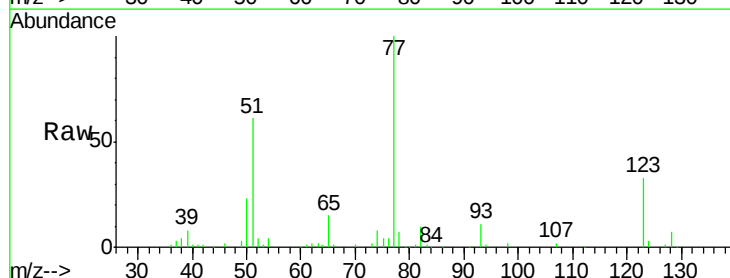
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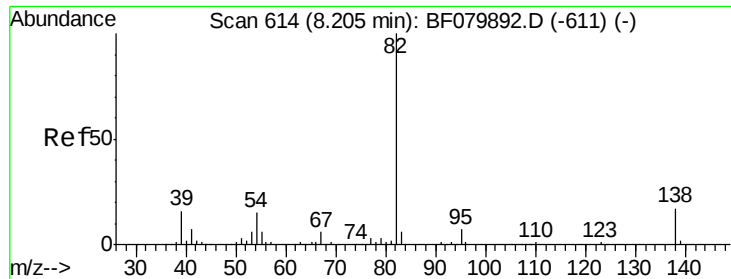
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#24
 Nitrobenzene
 Concen: 44.02 ng
 RT: 7.92 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	124553		
123	32.8	28.8	43.2	
65	14.7	10.3	15.5	





#25

Isophorone

Concen: 38.75 ng

RT: 8.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

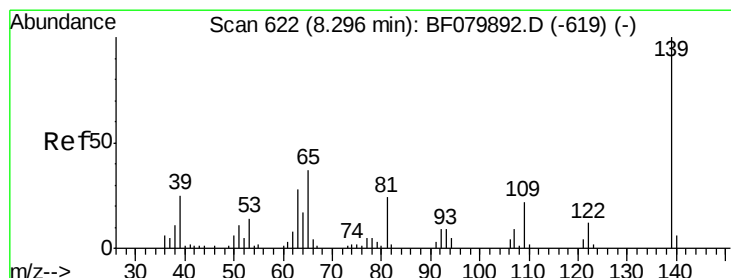
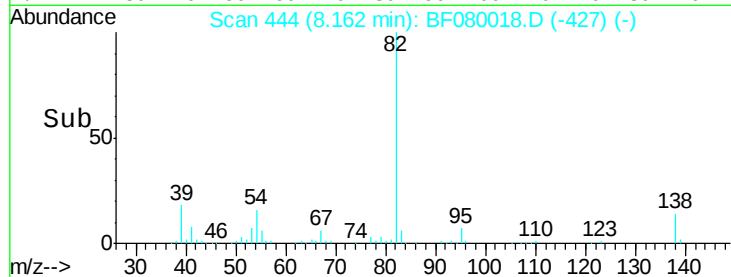
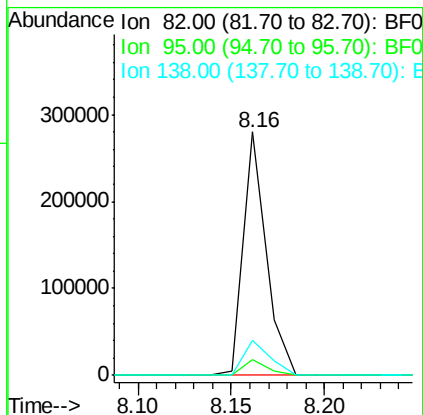
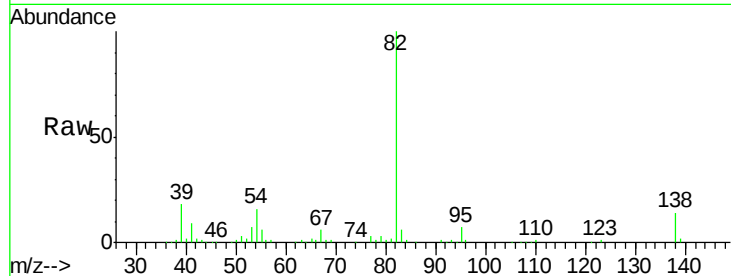
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	82	Resp:	239873
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	14.4	13.3	19.9

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#26

2-Nitrophenol

Concen: 56.35 ng

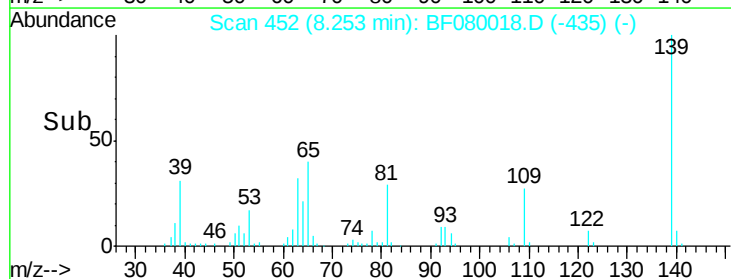
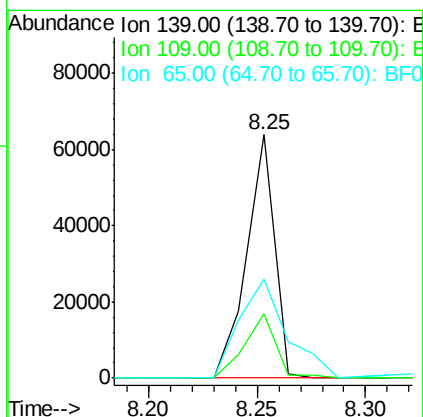
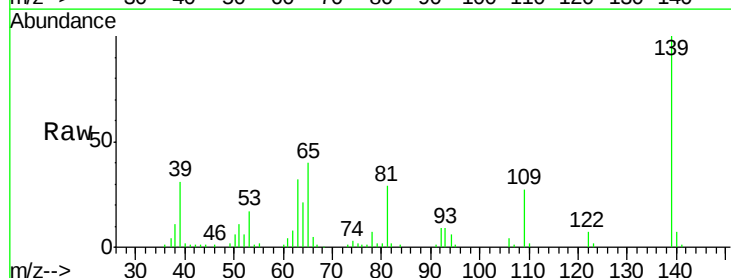
RT: 8.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	139	Resp:	56569
Ion Ratio	Lower	Upper	
139	100		
109	26.5	17.8	26.6
65	40.5	29.4	44.0





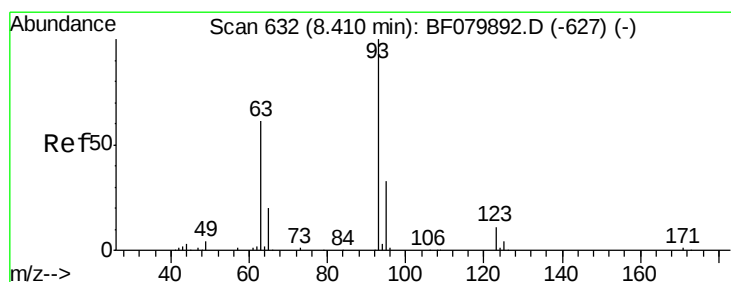
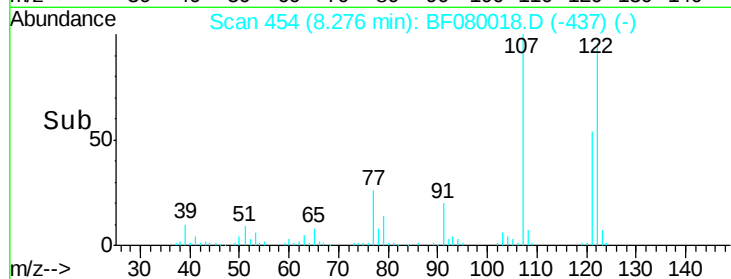
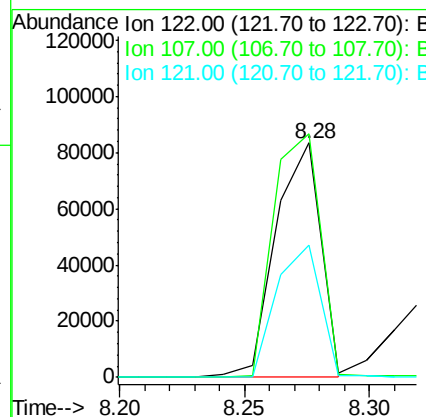
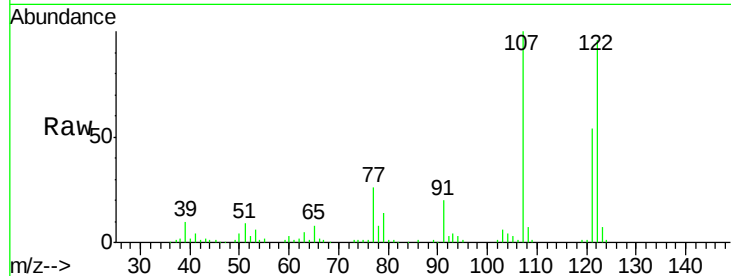
#27
 2,4-Dimethylphenol
 Concen: 37.91 ng m
 RT: 8.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	104.0	91.7	137.5
121	56.3	47.8	71.6

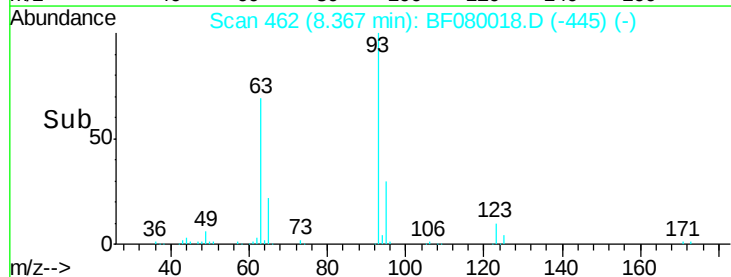
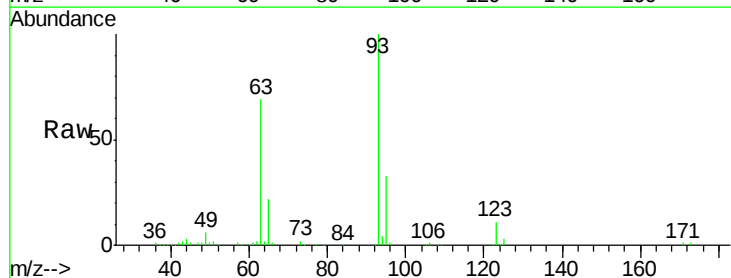
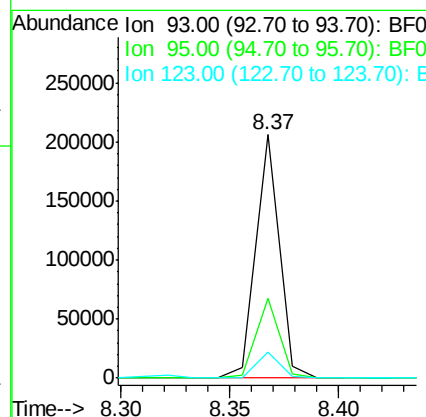
Manual Integrations
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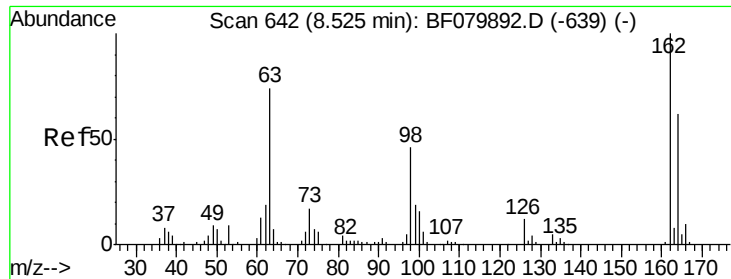
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.09 ng
 RT: 8.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	10.8	8.9	13.3





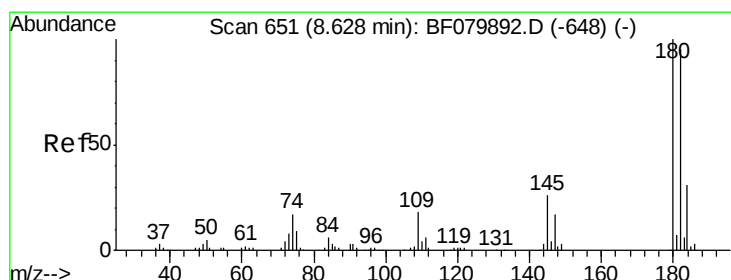
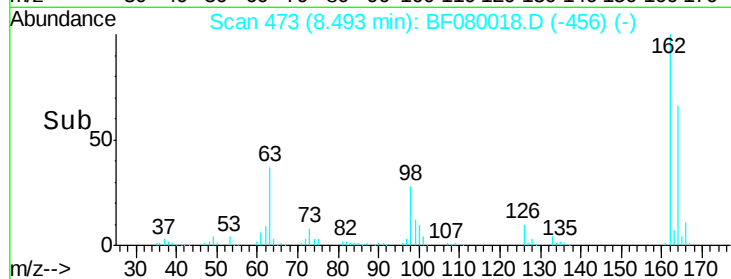
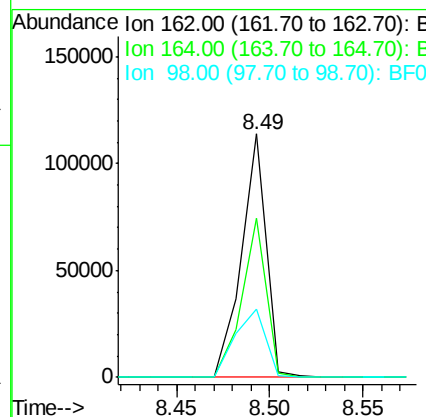
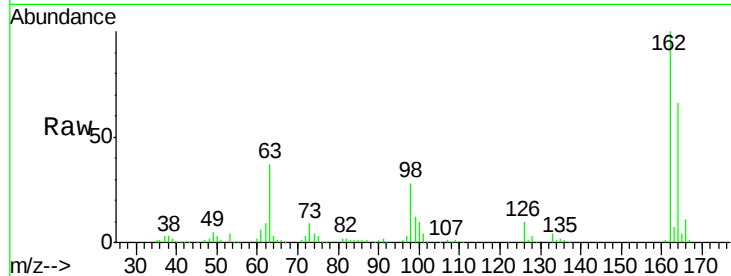
#29
 2,4-Dichlorophenol
 Concen: 45.40 ng
 RT: 8.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	42.2	82.2
98	28.1	26.0	66.0

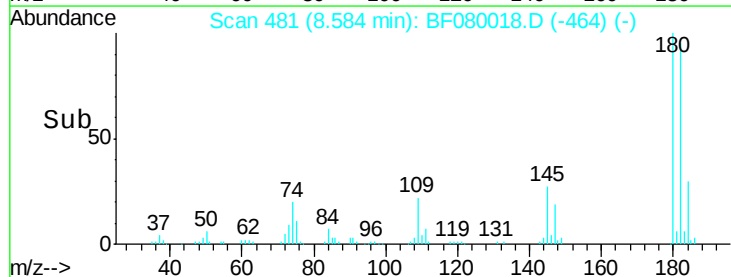
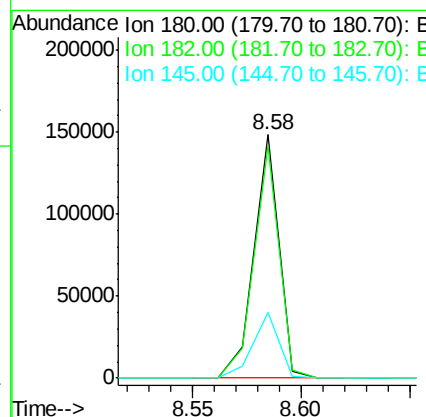
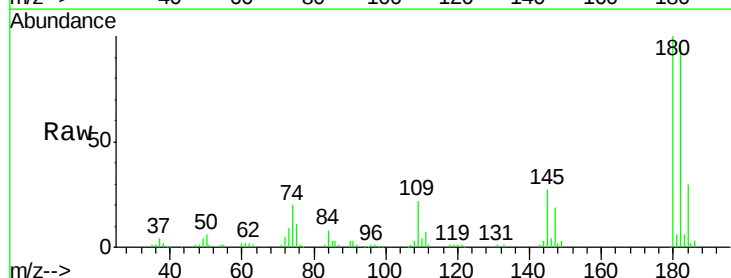
Manual Integrations
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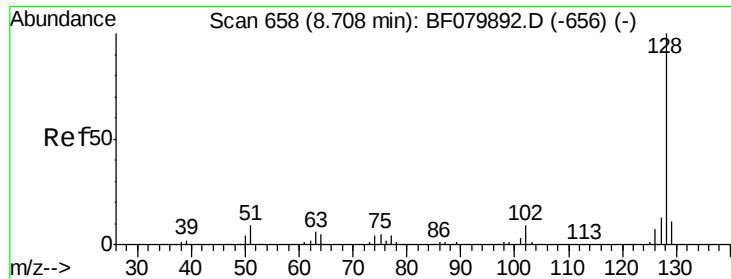
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.94 ng
 RT: 8.58 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.7	113.5
145	27.2	21.1	31.7





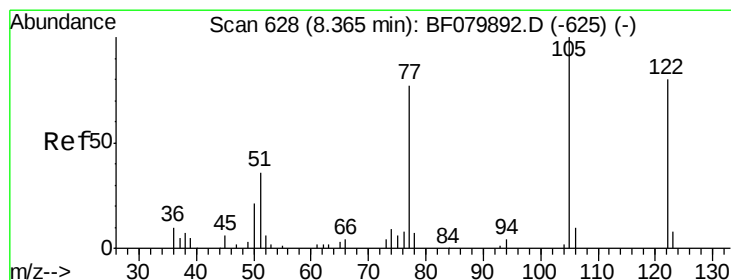
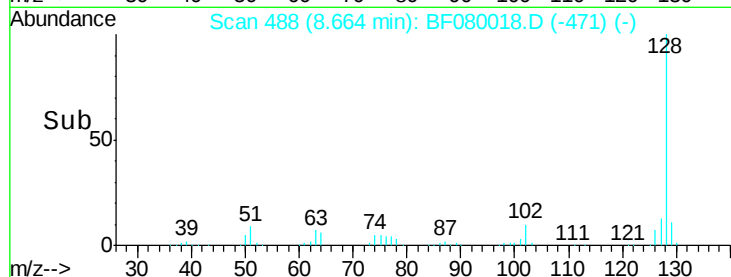
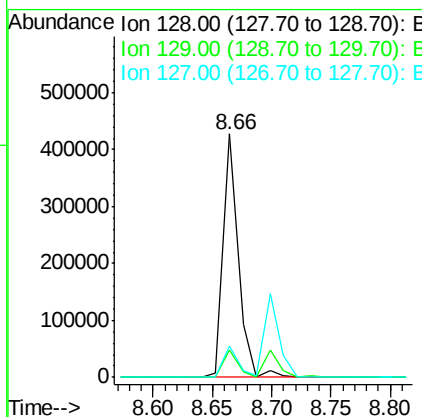
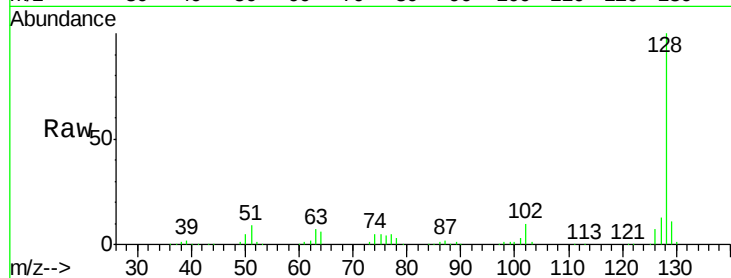
#31
Naphthalene
Concen: 39.00 ng
RT: 8.66 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	374123		
129	11.2	8.8	13.2	
127	12.9	10.5	15.7	

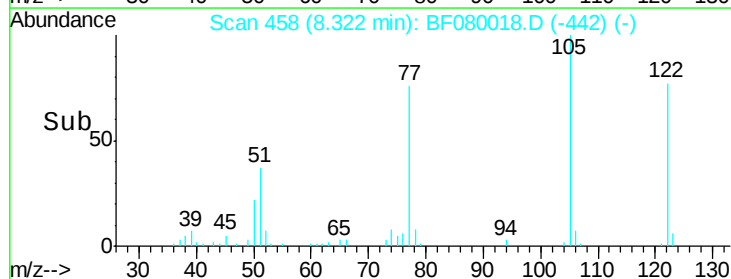
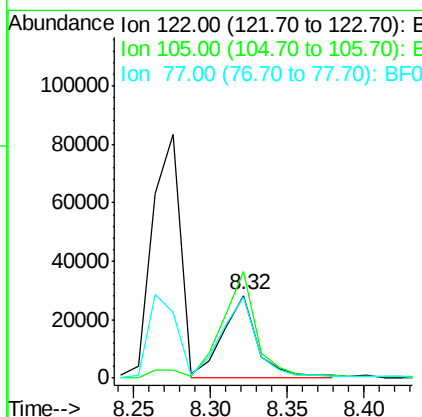
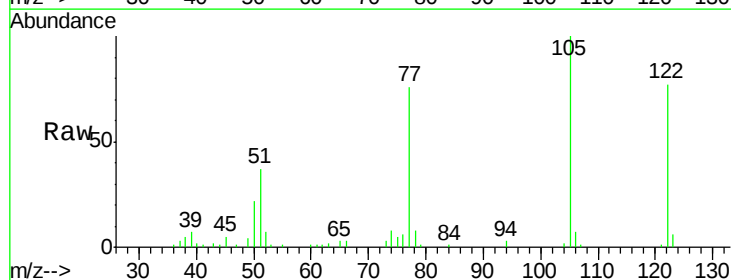
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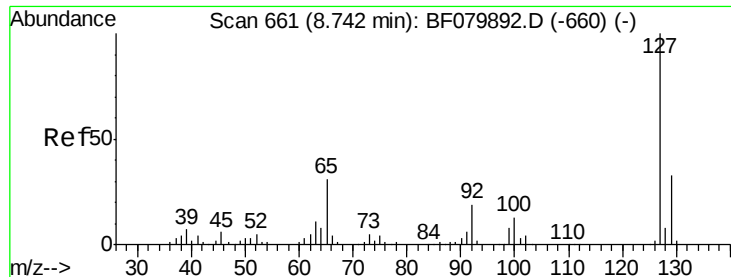
apatel
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#32
Benzoic acid
Concen: 42.38 ng m
RT: 8.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44592		
105	129.7	102.7	142.7	
77	98.5	77.1	117.1	





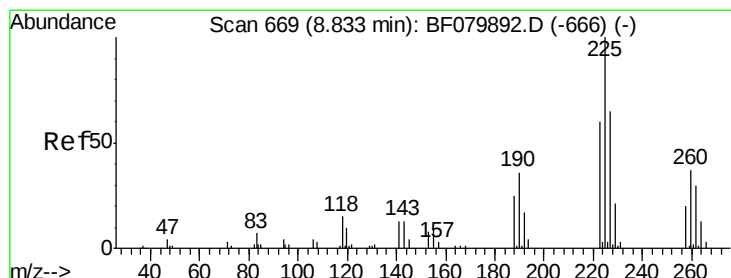
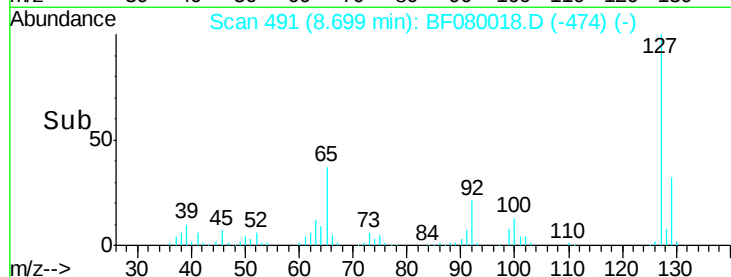
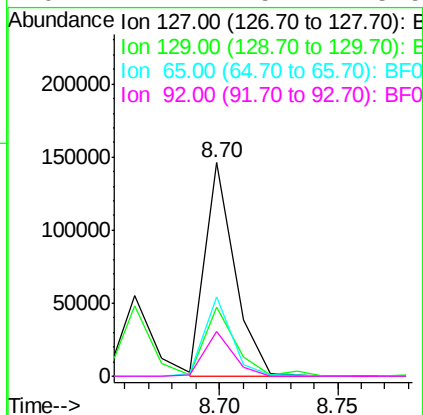
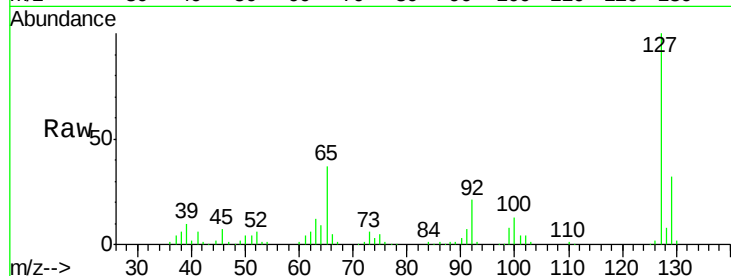
#33
4-Chloroaniline
Concen: 34.52 ng m
RT: 8.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	128545		
129	32.3	26.1	39.1	
65	37.4	25.5	38.3	
92	21.1	15.7	23.5	

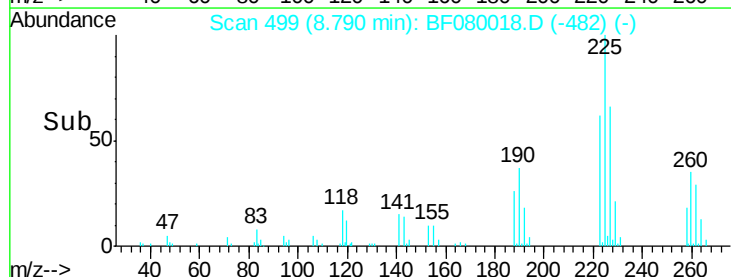
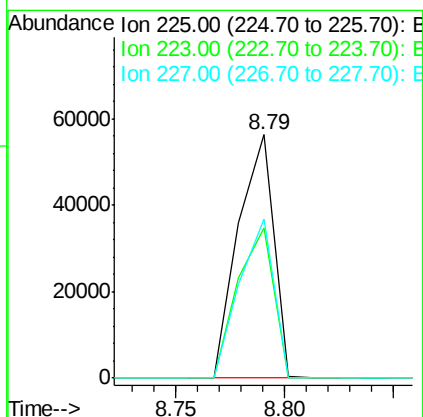
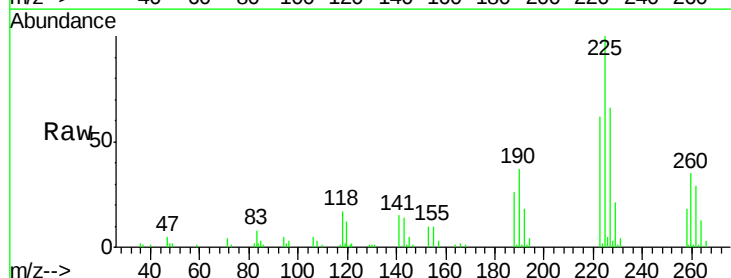
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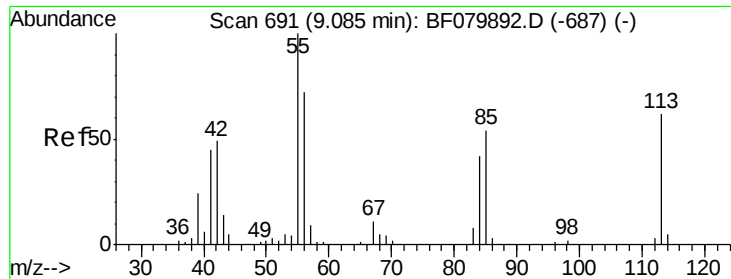
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#34
Hexachlorobutadiene
Concen: 38.68 ng
RT: 8.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63422		
223	61.6	47.8	71.6	
227	65.6	52.0	78.0	





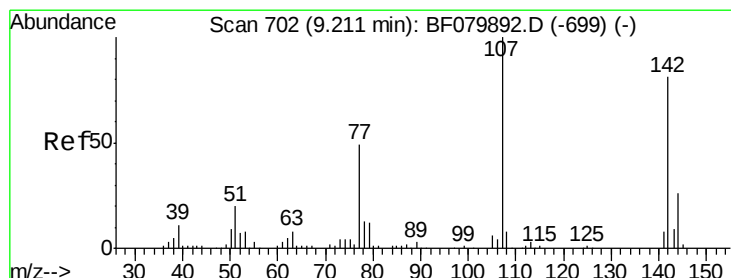
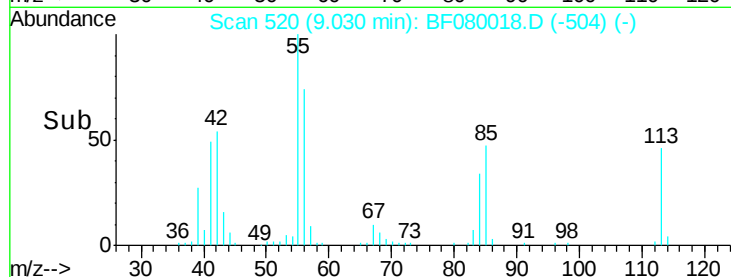
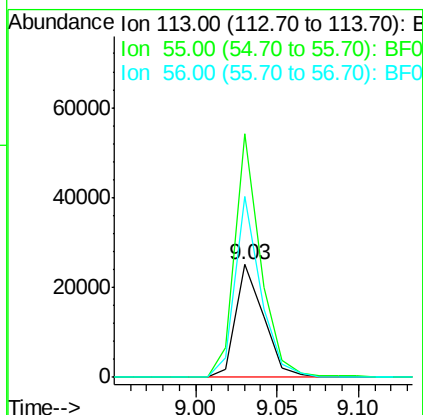
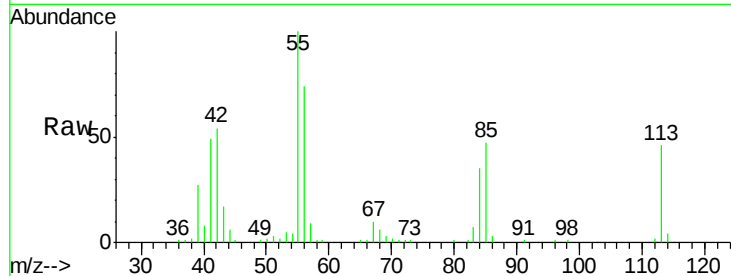
#35
 Caprolactam
 Concen: 40.21 ng
 RT: 9.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion:113 Resp: 29550
 Ion Ratio Lower Upper
 113 100
 55 215.7 141.4 181.4#
 56 160.1 95.9 135.9#

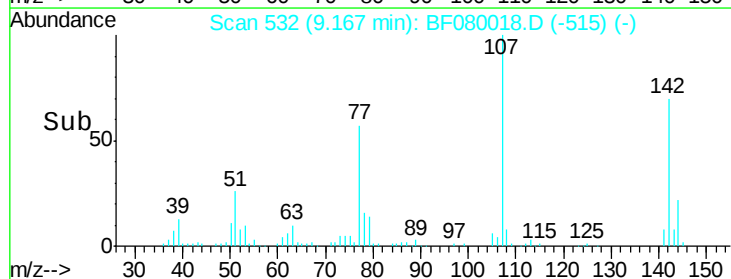
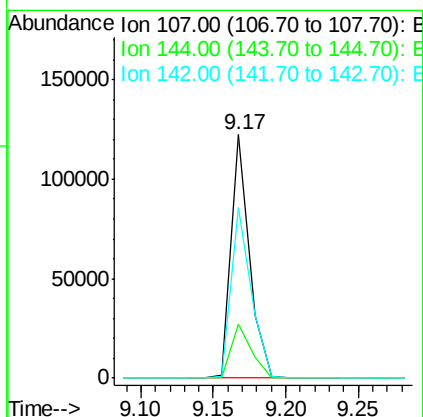
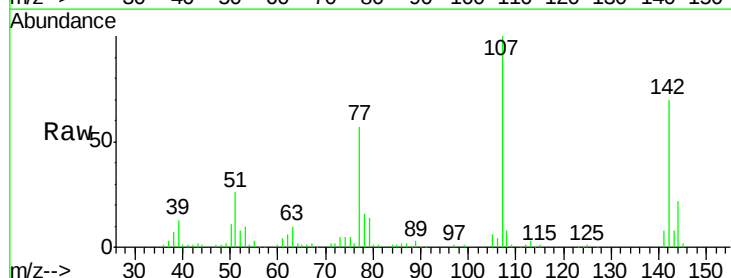
Manual Integrations
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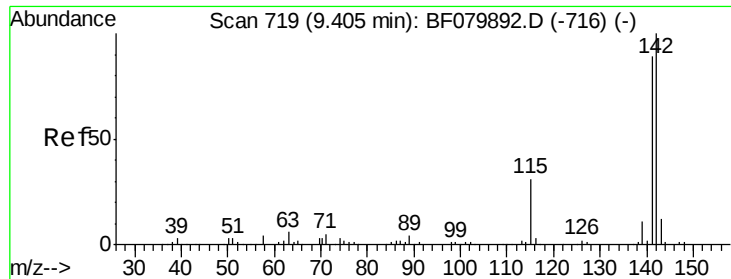
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#36
 4-Chloro-3-methylphenol
 Concen: 40.53 ng
 RT: 9.17 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion:107 Resp: 107594
 Ion Ratio Lower Upper
 107 100
 144 22.1 21.0 31.6
 142 70.1 64.5 96.7





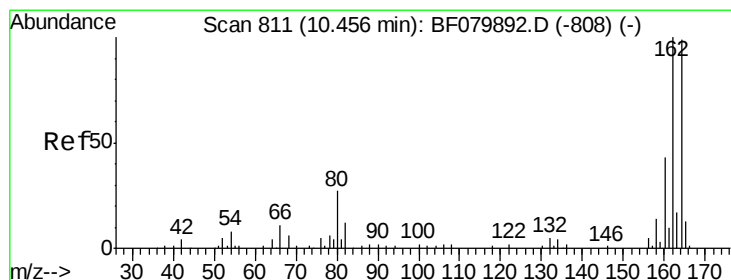
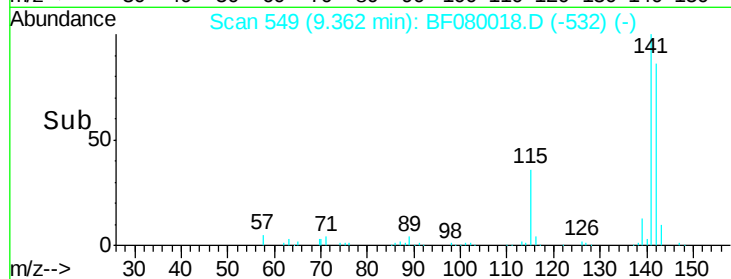
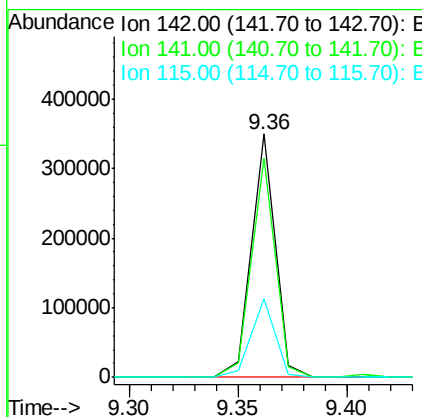
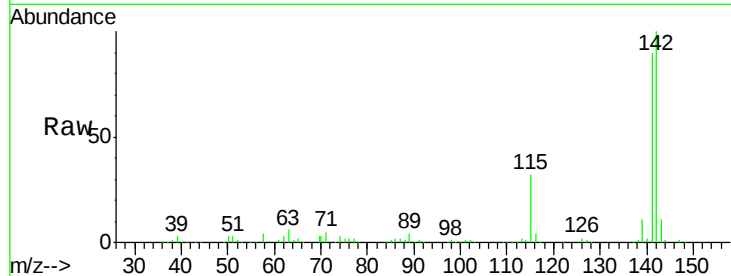
#37
2-Methylnaphthalene
Concen: 41.20 ng
RT: 9.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.9	106.3
115	32.3	25.0	37.4

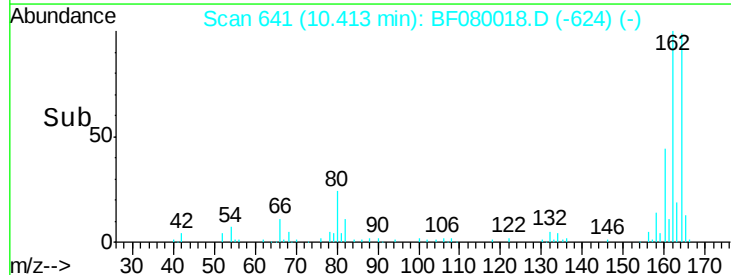
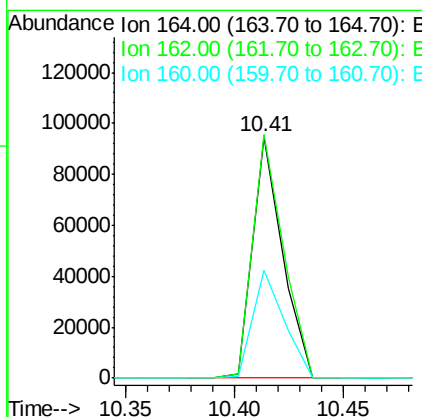
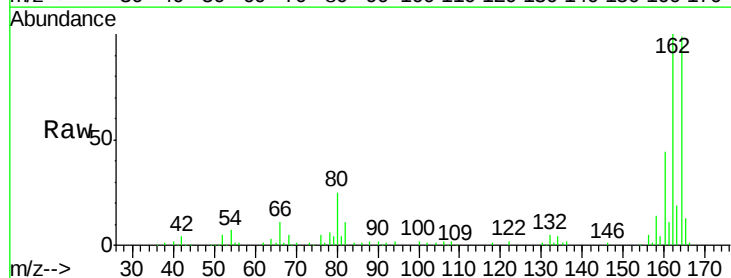
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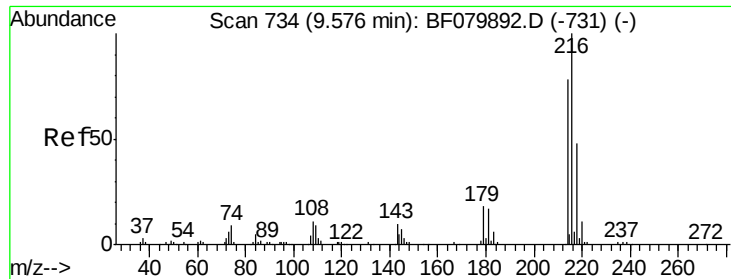
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	44.7	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.57 ng

RT: 9.53 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF080018.D

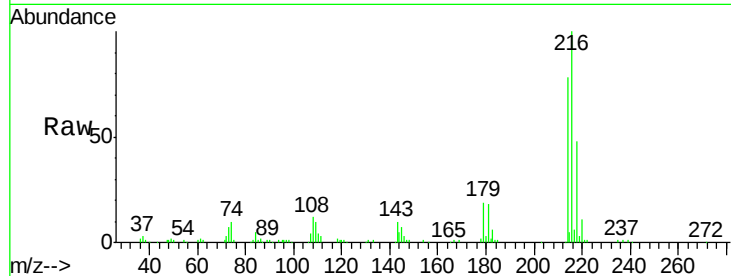
Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD



Tgt Ion: 216 Resp: 116684

Ion Ratio Lower Upper

216 100

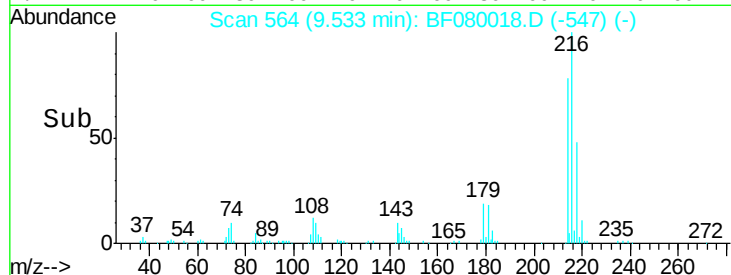
214 78.9 63.5 95.3

179 20.3 15.8 23.8

108 17.4 13.7 20.5

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Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

9.53

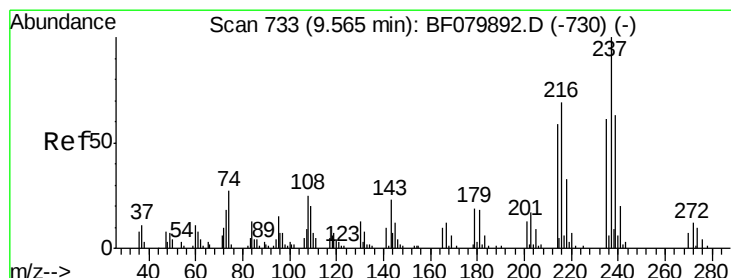
150000

100000

50000

0

9.50 9.55



#40

Hexachlorocyclopentadiene

Concen: 41.82 ng

RT: 9.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

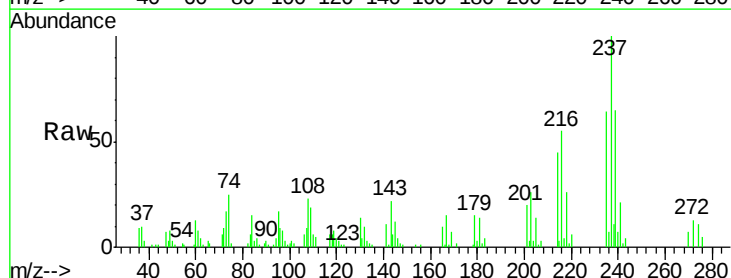
Tgt Ion: 237 Resp: 43511

Ion Ratio Lower Upper

237 100

235 63.7 41.3 81.3

272 13.1 0.0 32.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

9.52

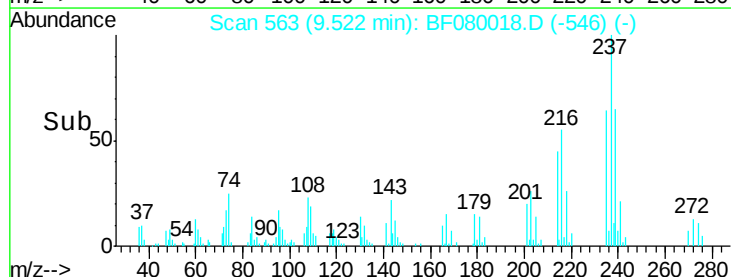
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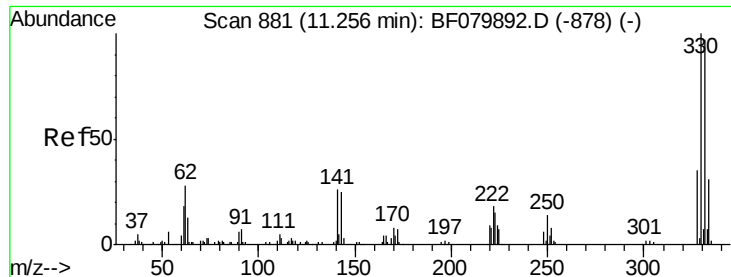
40000

20000

0

9.50 9.55





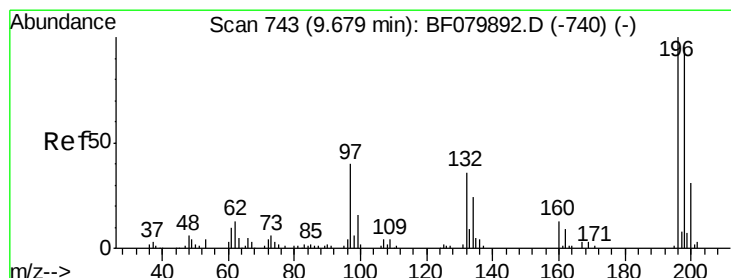
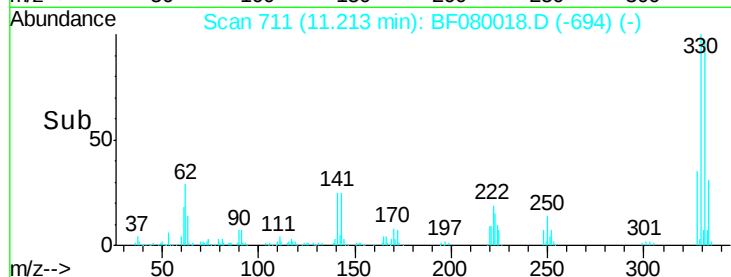
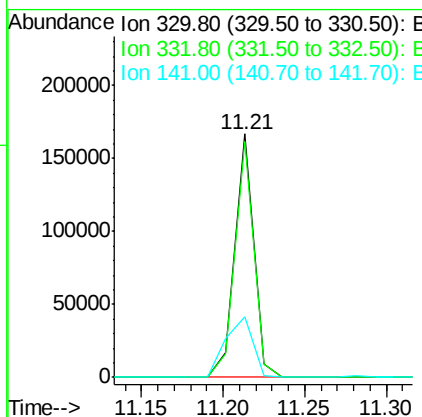
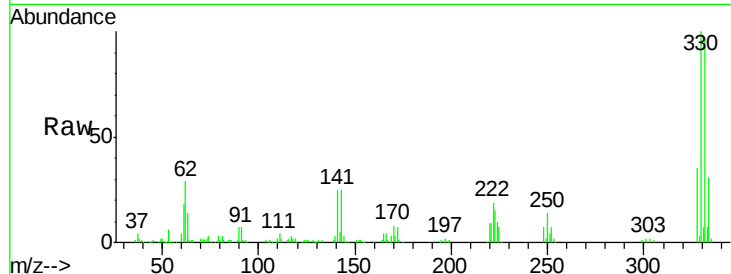
#41
 2,4,6-Tribromophenol
 Concen: 146.18 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	133334		
332	97.1	77.3	115.9	
141	35.4	26.8	40.2	

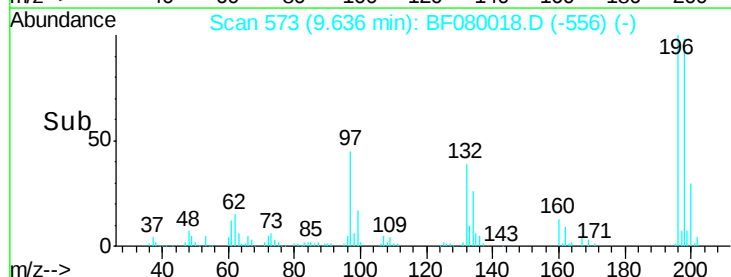
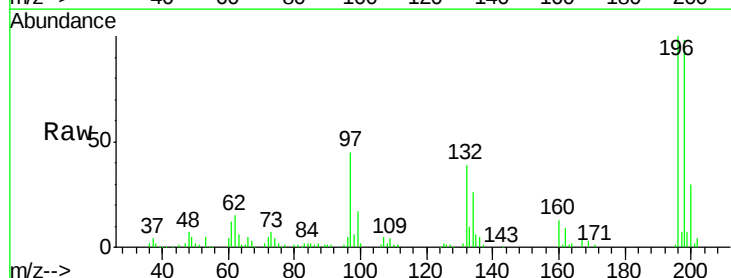
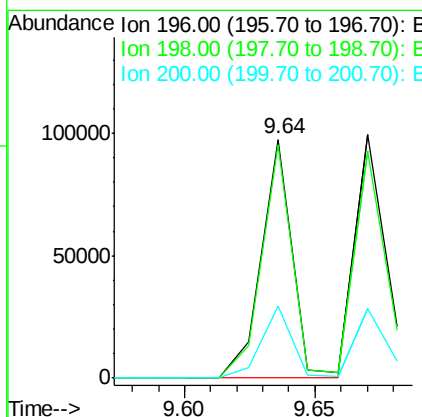
Manual Integrations
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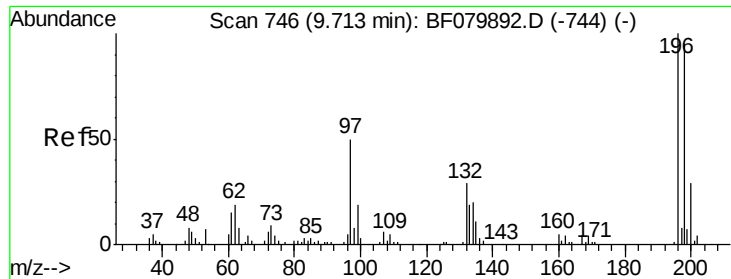
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#42
 2,4,6-Trichlorophenol
 Concen: 43.27 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

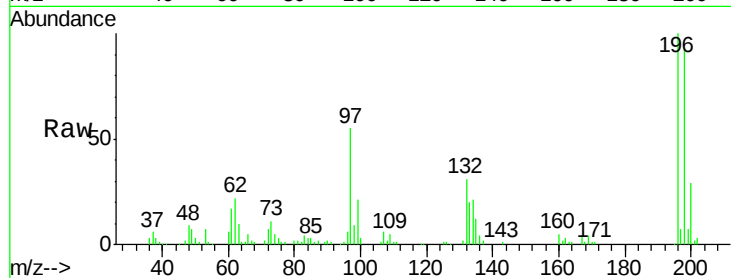
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80651		
198	97.8	76.0	114.0	
200	30.4	24.9	37.3	





#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 9.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

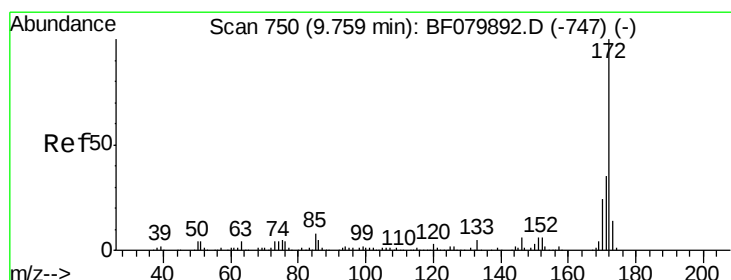
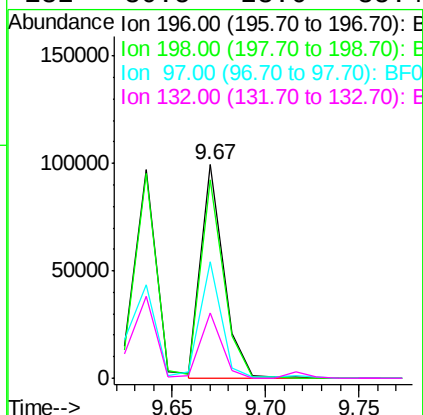
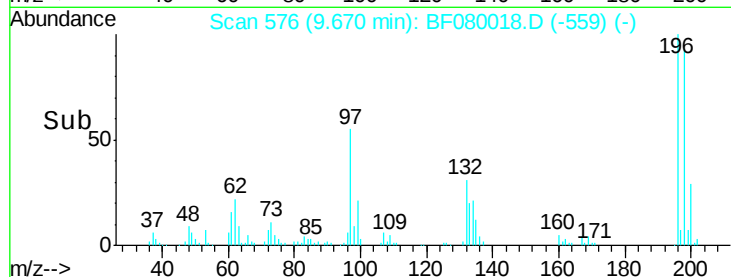
Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		83814		
198	93.1	76.0	114.0		
97	54.8	39.4	59.2		
132	30.5	23.6	35.4		

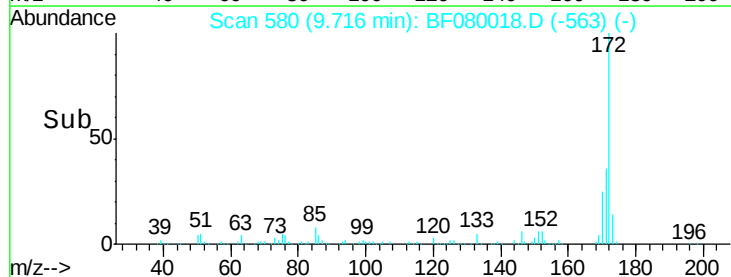
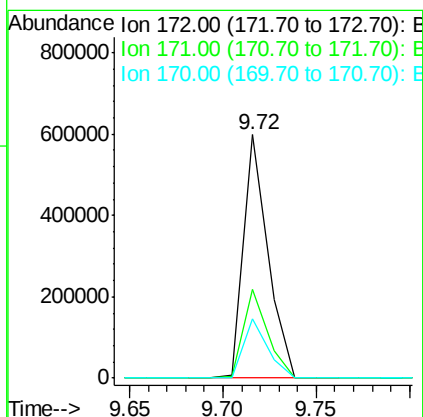
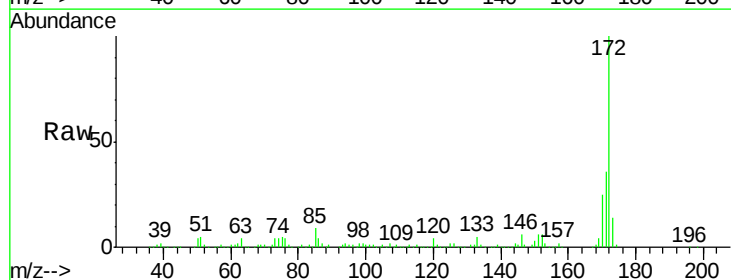
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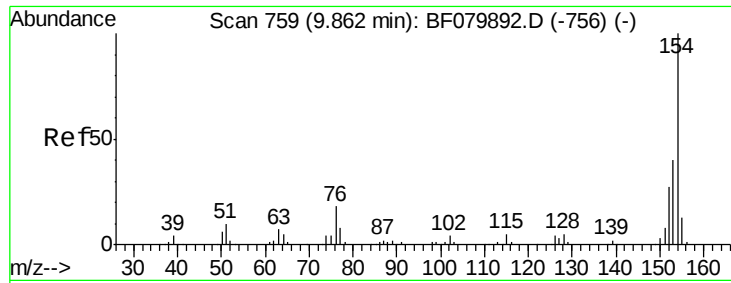
apatel
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#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		549411		
171	36.3	28.3	42.5		
170	24.6	19.0	28.4		





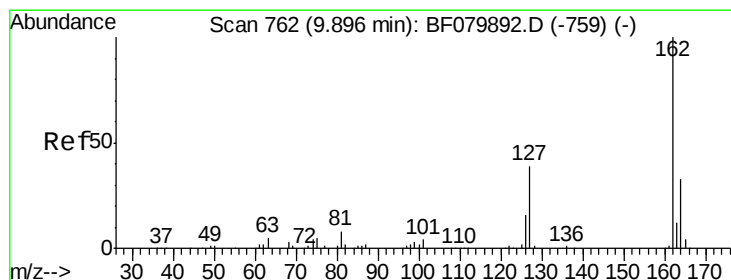
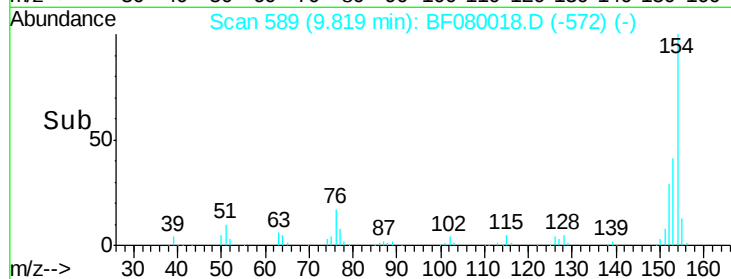
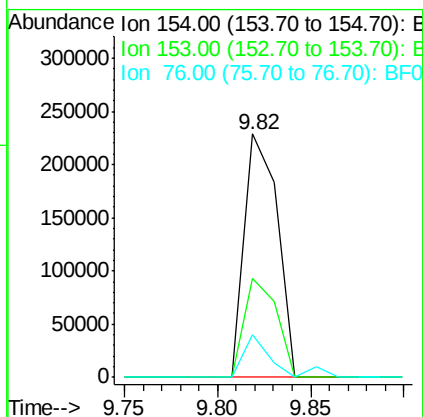
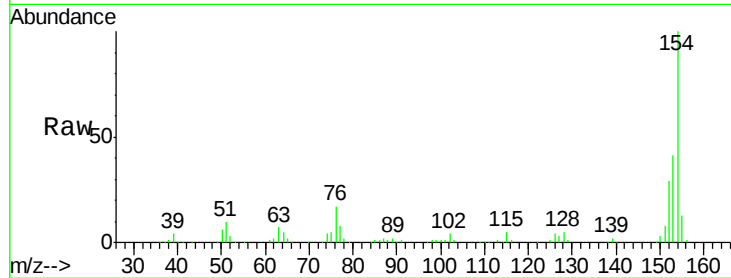
#45
 1,1'-Biphenyl
 Concen: 38.86 ng
 RT: 9.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.1	60.1
76	17.4	0.0	38.4

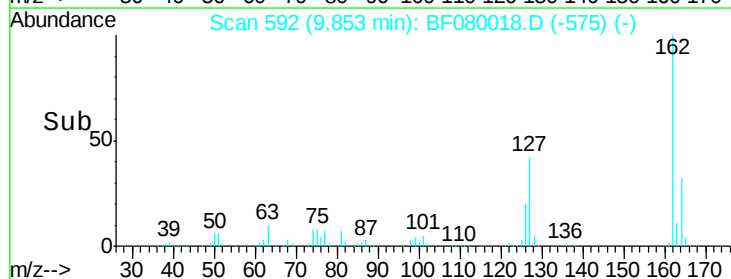
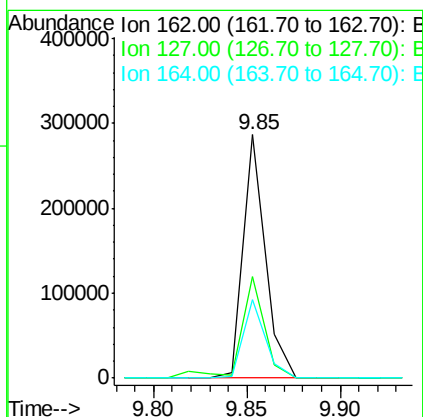
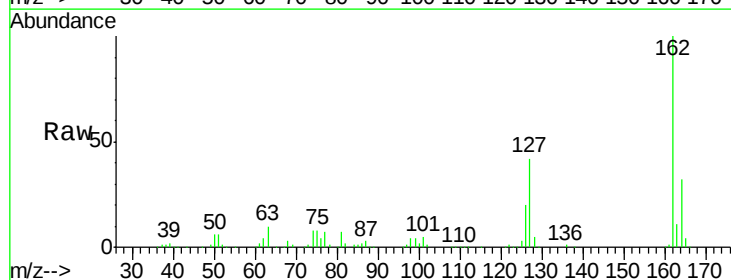
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#46
 2-Chloronaphthalene
 Concen: 38.10 ng
 RT: 9.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.1	49.7
164	32.2	26.2	39.4





#47

2-Nitroaniline

Concen: 49.31 ng

RT: 9.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080018.D

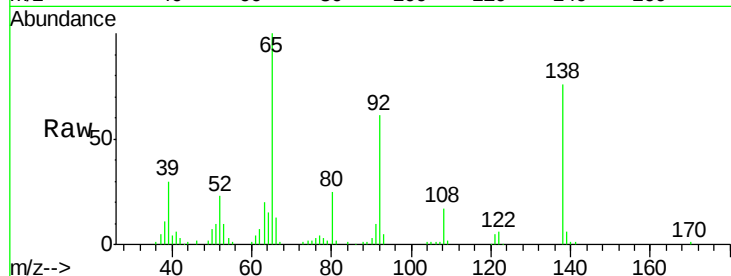
Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

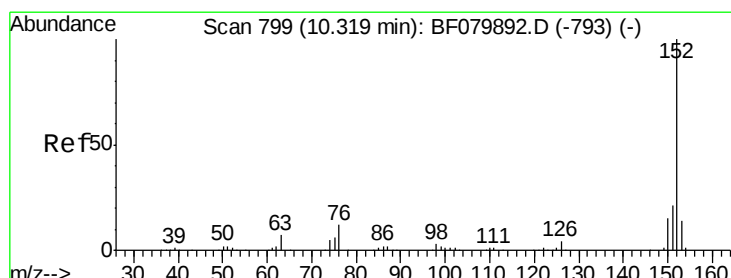
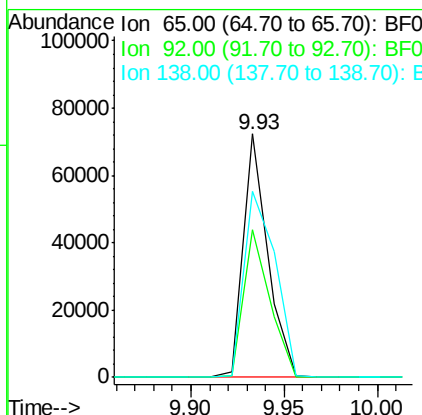
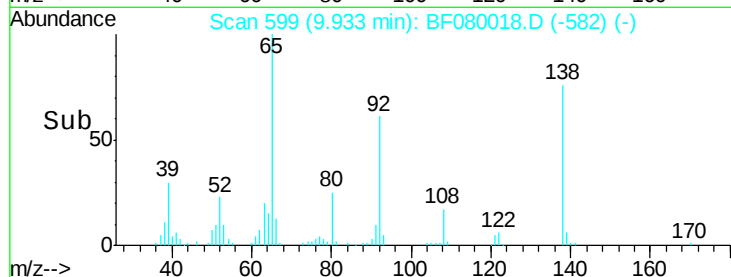
NC-HC-001MSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.1	76.7
138	76.4	62.0	93.0

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#48

Acenaphthylene

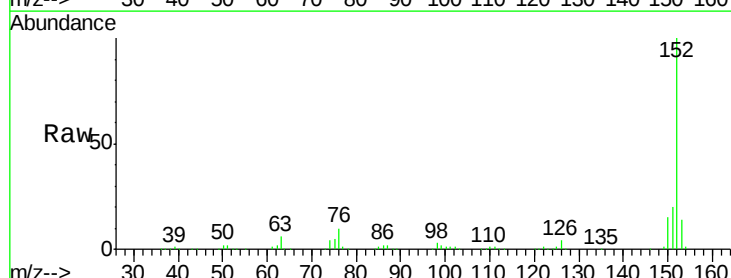
Concen: 38.20 ng

RT: 10.28 min Scan# 629

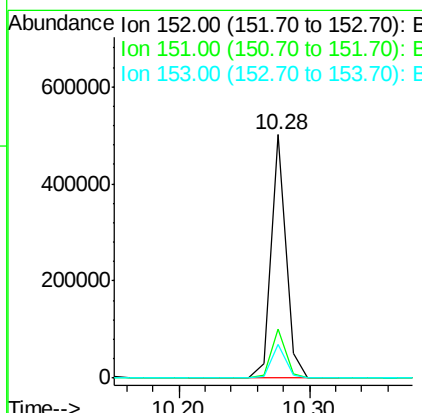
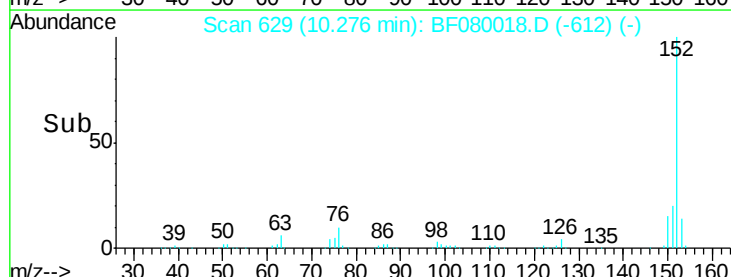
Delta R.T. -0.00 min

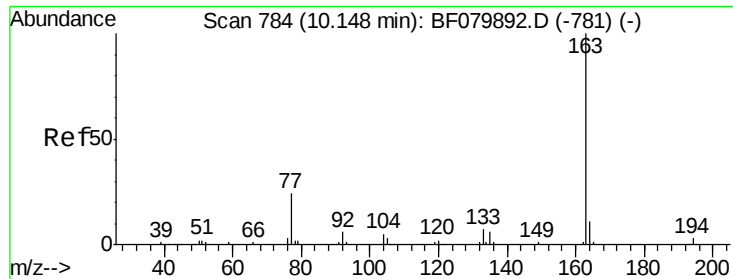
Lab File: BF080018.D

Acq: 17 Jun 2015 7:24



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.8	10.8	16.2





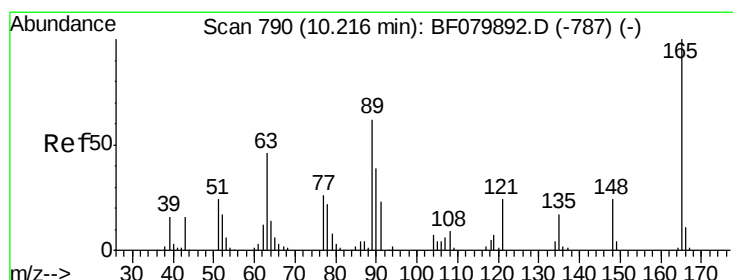
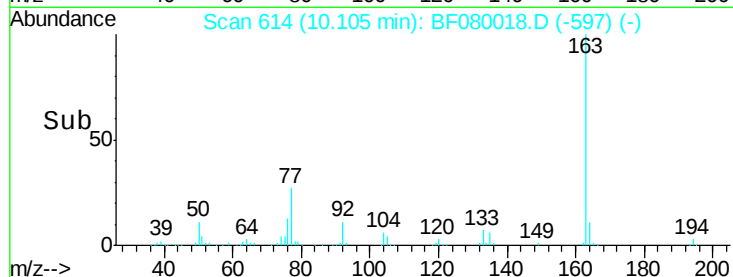
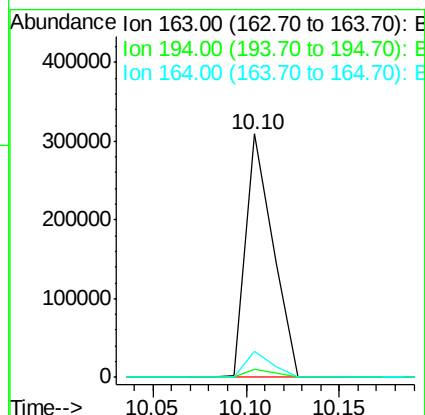
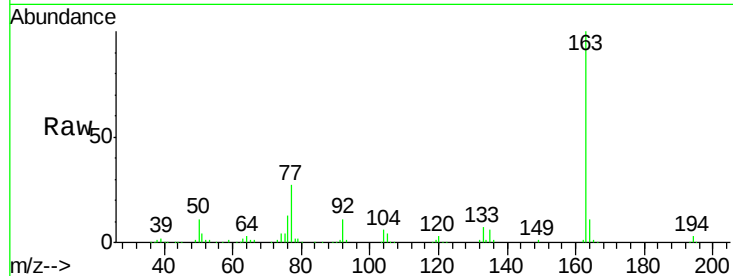
#49
Dimethylphthalate
Concen: 43.31 ng
RT: 10.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	313459		
194	3.2	2.6	4.0	
164	10.7	8.6	12.8	

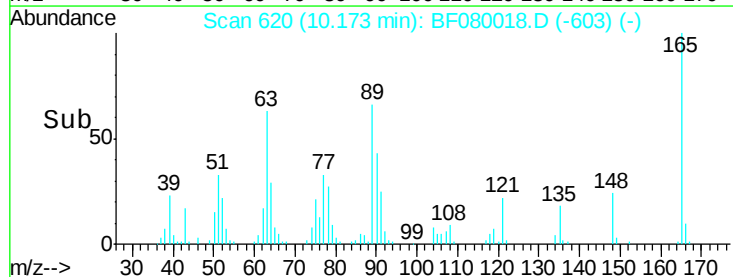
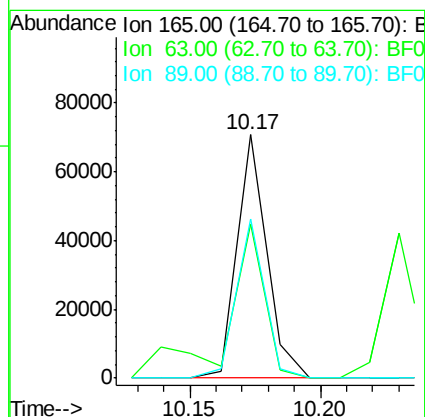
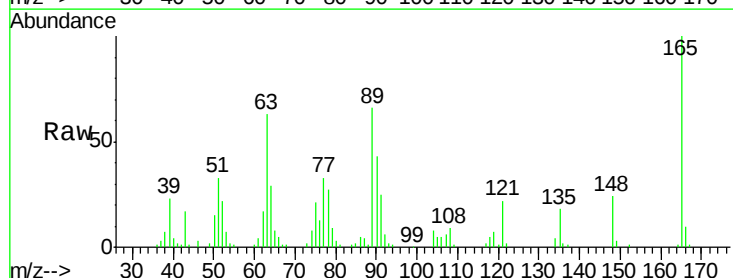
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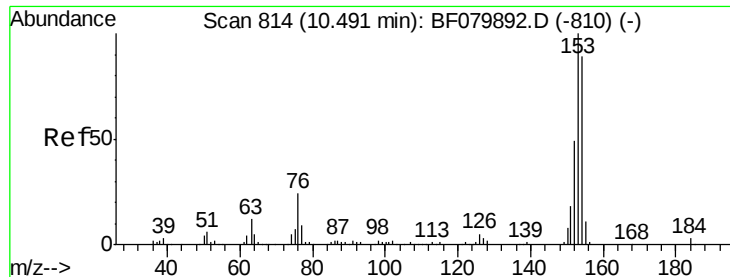
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#50
2,6-Dinitrotoluene
Concen: 43.11 ng
RT: 10.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56569		
63	63.3	46.4	69.6	
89	65.6	49.6	74.4	





#51

Acenaphthene

Concen: 40.51 ng

RT: 10.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

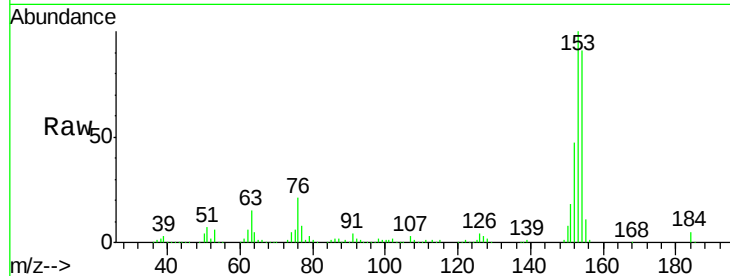
ClientSampleId :

NC-HC-001MSD

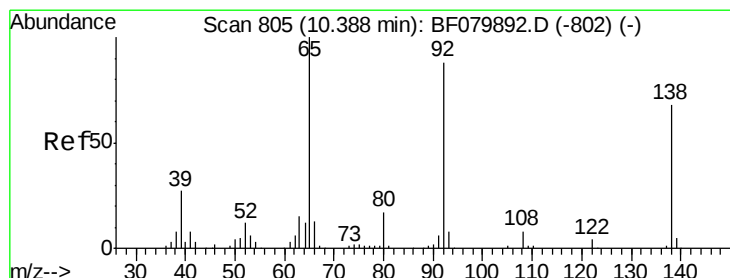
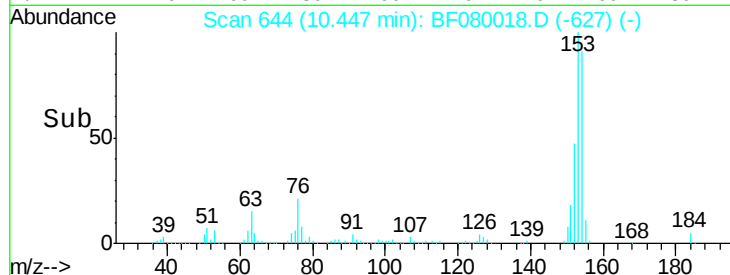
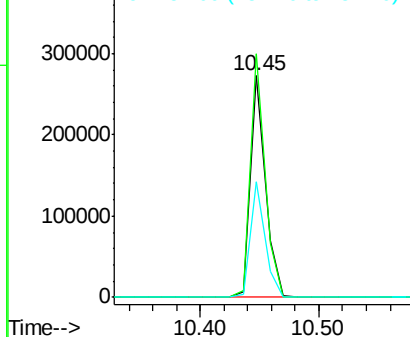
Tgt Ion:	154	Resp:	241922
Ion Ratio	Lower	Upper	
154	100		
153	110.0	90.0	135.0
152	52.1	43.7	65.5

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



#52

3-Nitroaniline

Concen: 38.47 ng

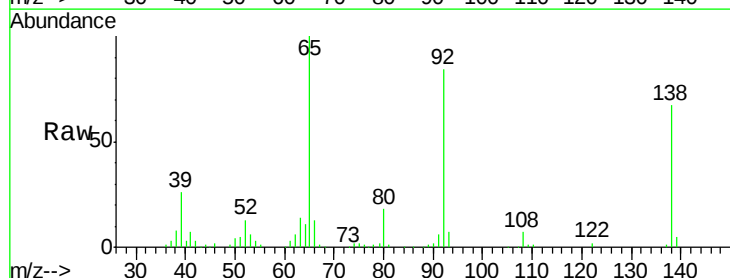
RT: 10.34 min Scan# 635

Delta R.T. -0.00 min

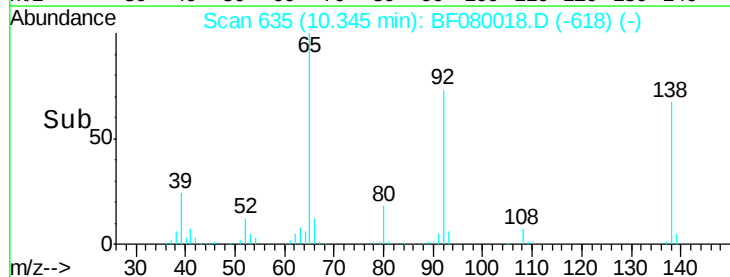
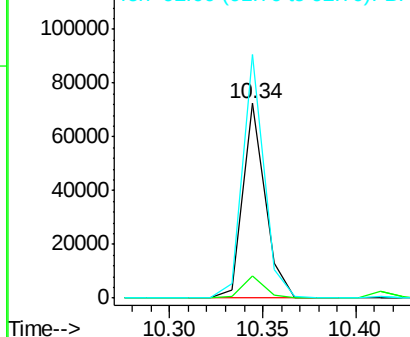
Lab File: BF080018.D

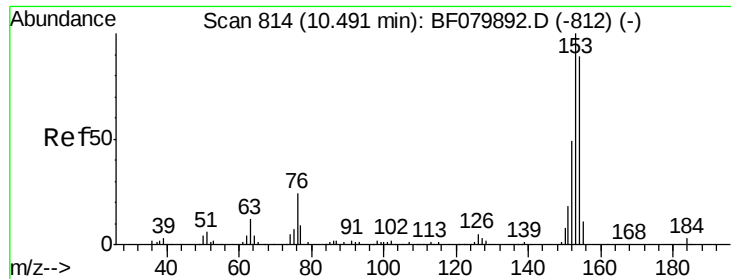
Acq: 17 Jun 2015 7:24

Tgt Ion:	138	Resp:	60861
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.0	13.6
92	125.3	103.1	154.7



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





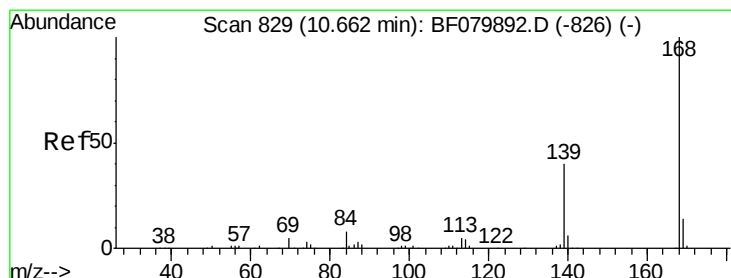
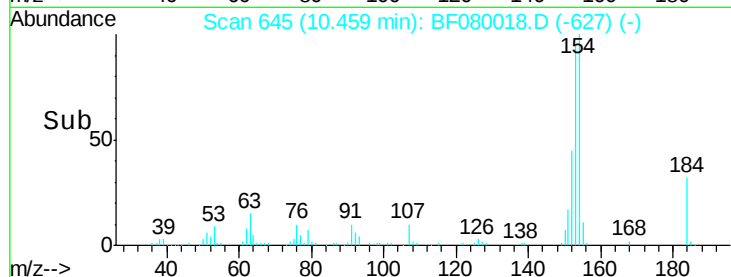
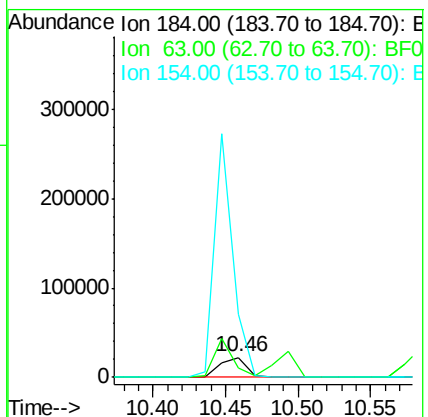
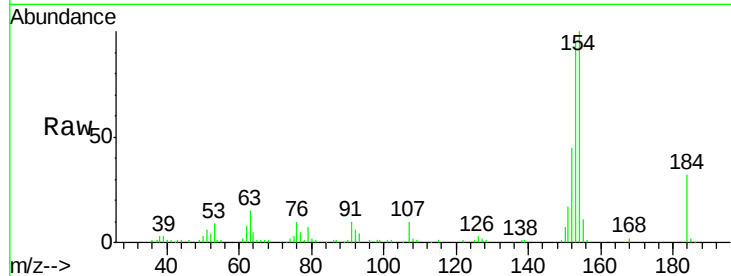
#53
2,4-Dinitrophenol
Concen: 93.41 ng
RT: 10.46 min Scan# 645
Delta R.T. 0.01 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion:184 Resp: 29152
Ion Ratio Lower Upper
184 100
63 48.2 357.0 535.4#
154 314.3 2660.2 3990.

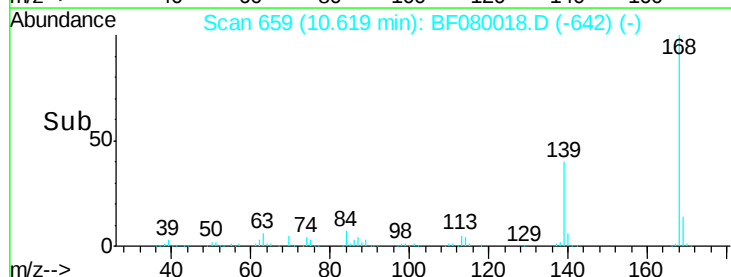
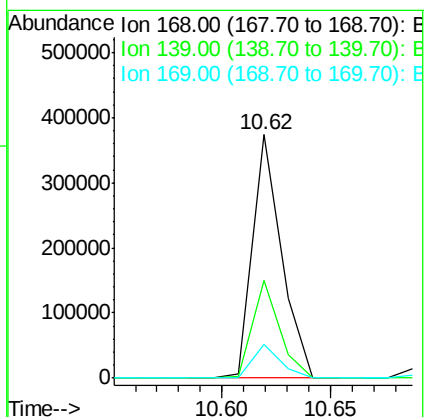
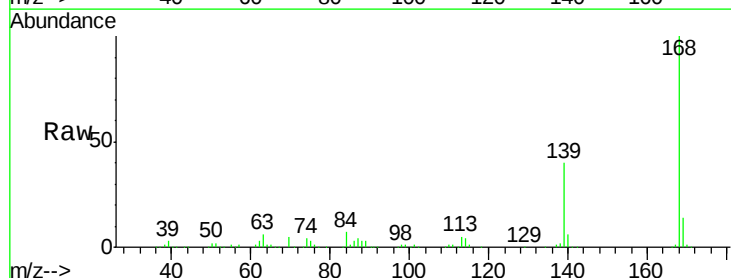
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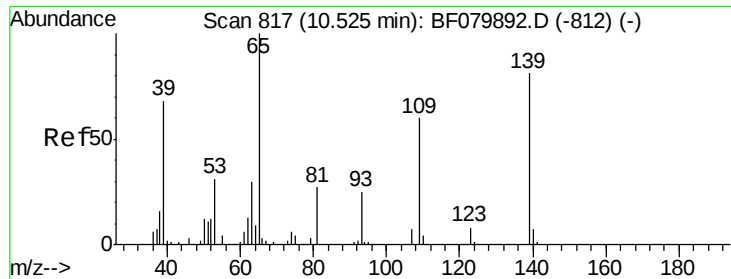
apatel
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#54
Dibenzofuran
Concen: 39.60 ng
RT: 10.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion:168 Resp: 345500
Ion Ratio Lower Upper
168 100
139 40.0 32.2 48.2
169 13.8 11.0 16.6





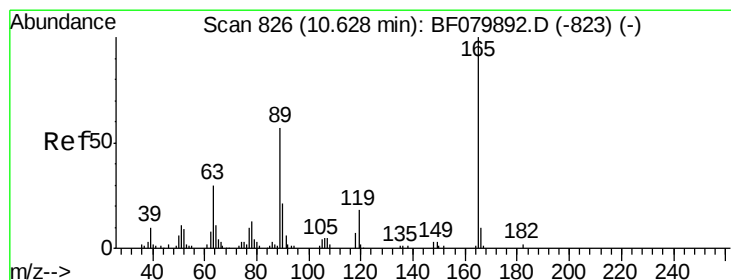
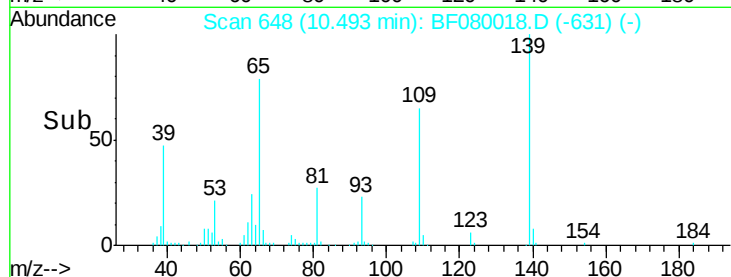
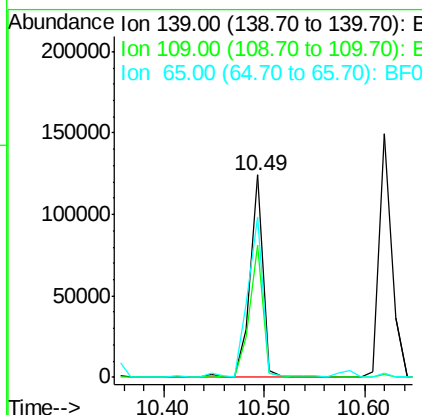
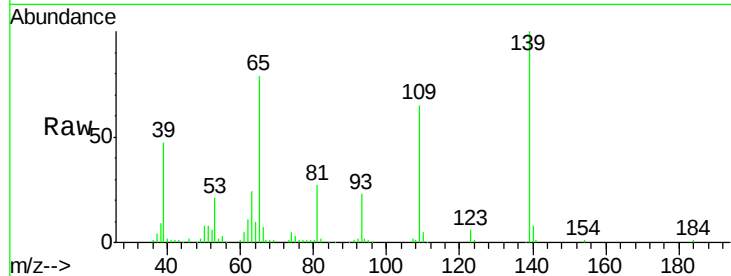
#55
4-Nitrophenol
Concen: 96.22 ng
RT: 10.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	111767		
109	65.3	54.8	94.8	
65	78.9	104.8	144.8	

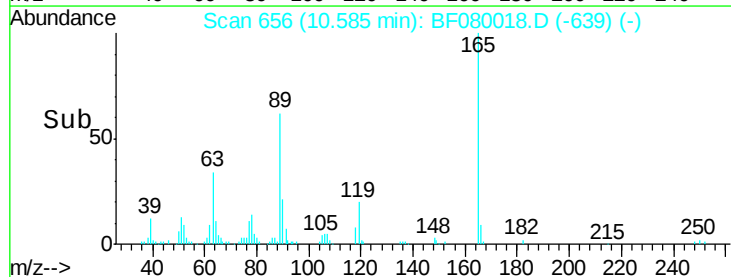
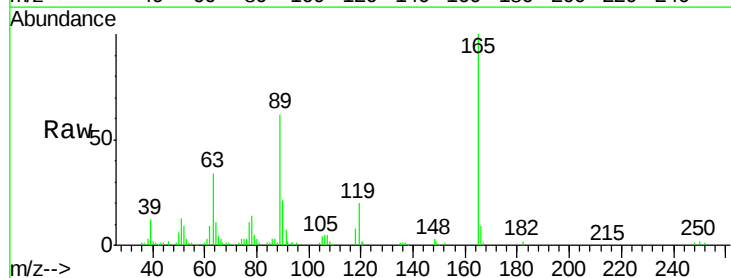
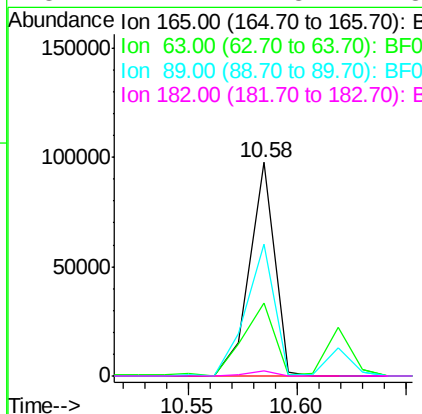
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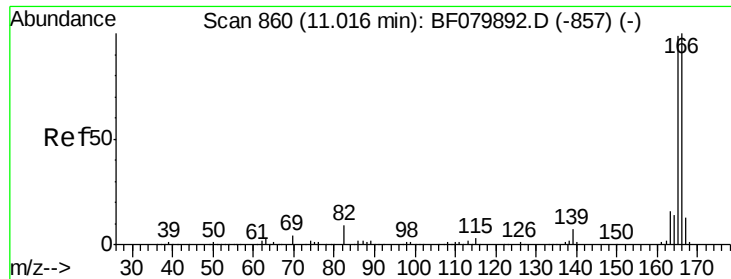
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#56
2,4-Dinitrotoluene
Concen: 45.23 ng
RT: 10.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78741		
63	33.9	24.3	36.5	
89	61.9	45.4	68.2	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 37.24 ng

RT: 10.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080018.D

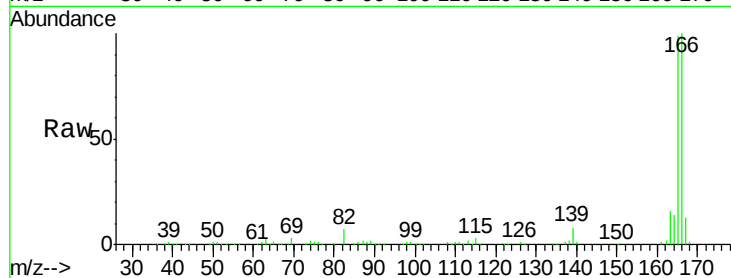
Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

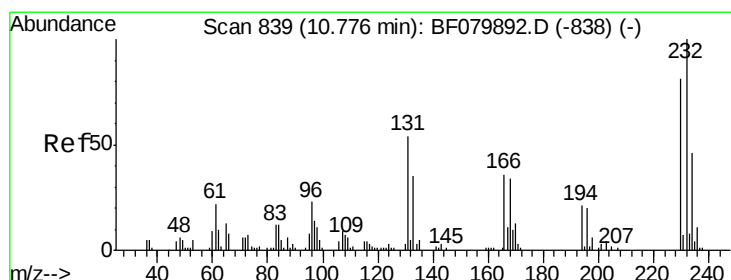
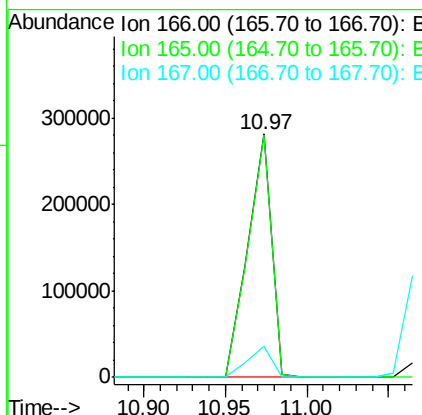
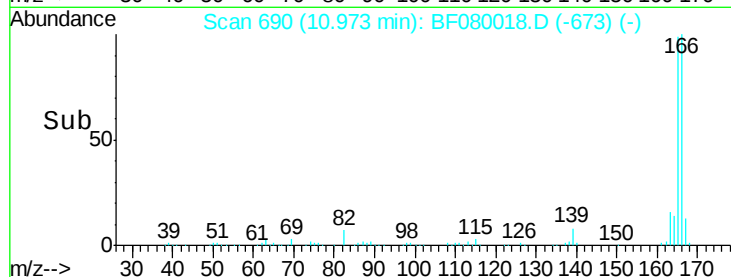
NC-HC-001MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	283207		
165	99.4	79.0	118.6	
167	13.0	10.3	15.5	

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#58

2,3,4,6-Tetrachlorophenol

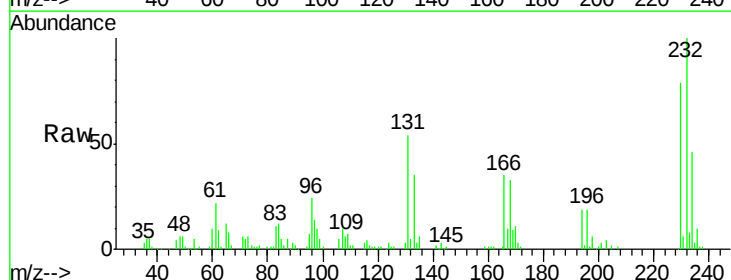
Concen: 45.67 ng

RT: 10.73 min Scan# 669

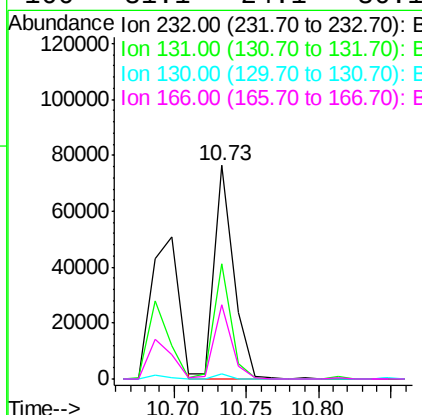
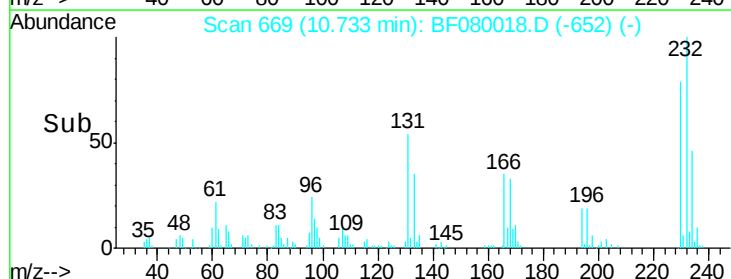
Delta R.T. -0.00 min

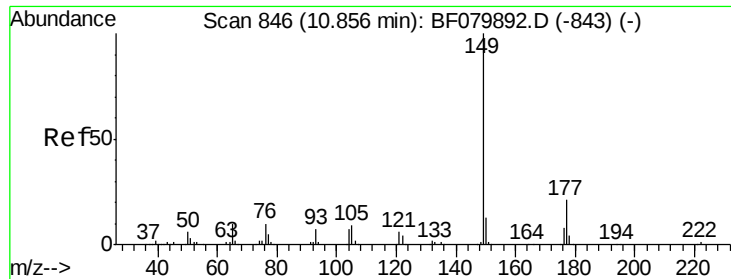
Lab File: BF080018.D

Acq: 17 Jun 2015 7:24



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	71223		
131	47.5	35.4	53.2	
130	1.9	1.5	2.3	
166	31.1	24.1	36.1	





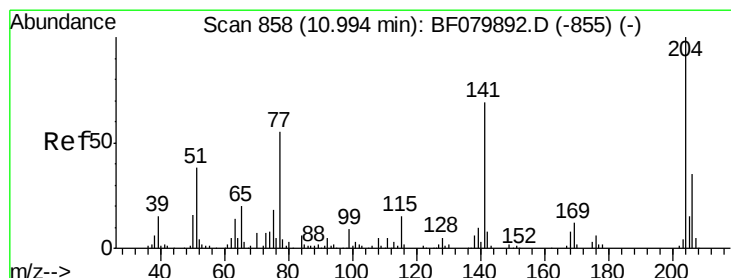
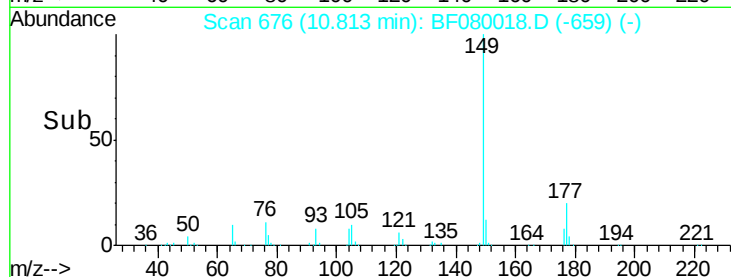
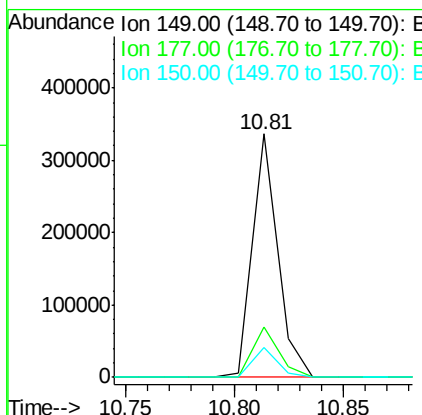
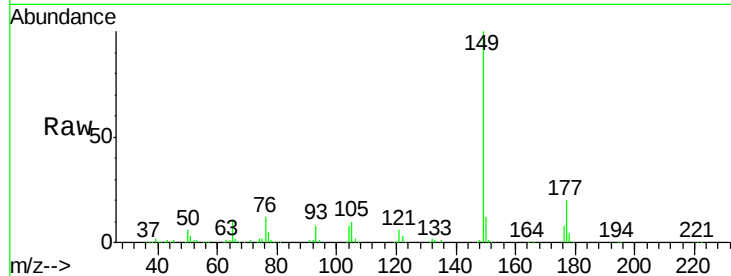
#59
Diethylphthalate
Concen: 37.57 ng
RT: 10.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	271885		
177	20.5	16.9	25.3	
150	12.4	10.4	15.6	

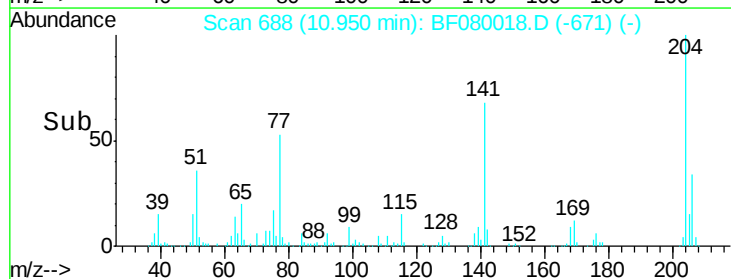
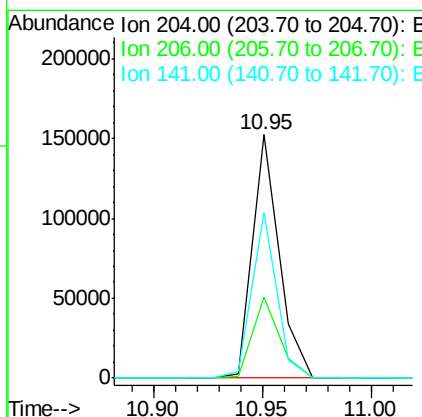
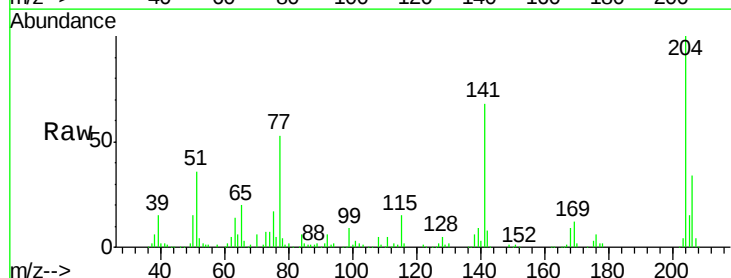
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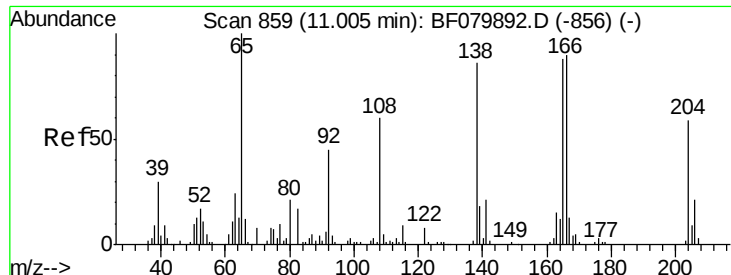
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#60
4-Chlorophenyl-phenylether
Concen: 38.30 ng
RT: 10.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	130060		
206	33.6	28.0	42.0	
141	67.9	55.3	82.9	





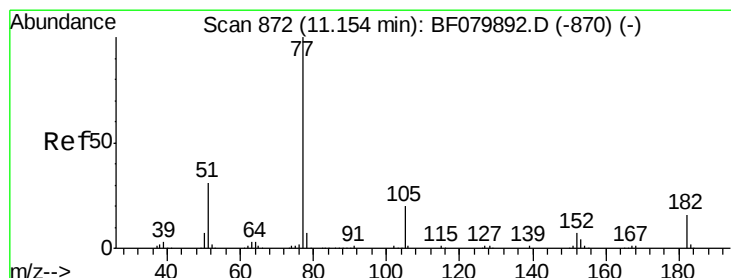
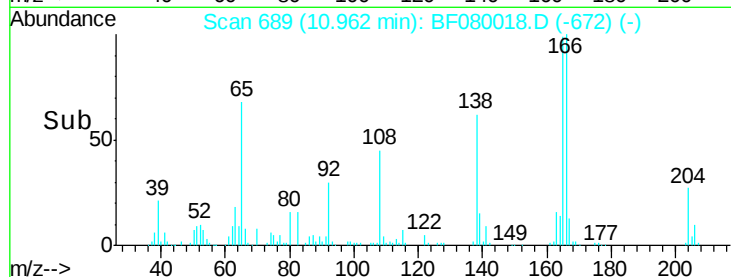
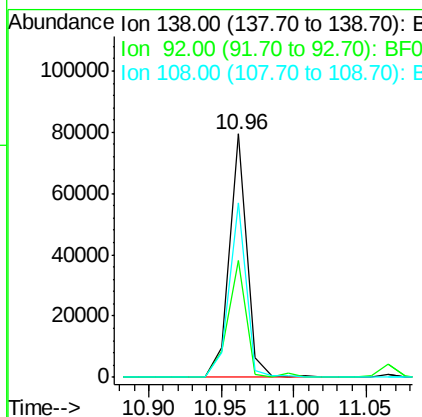
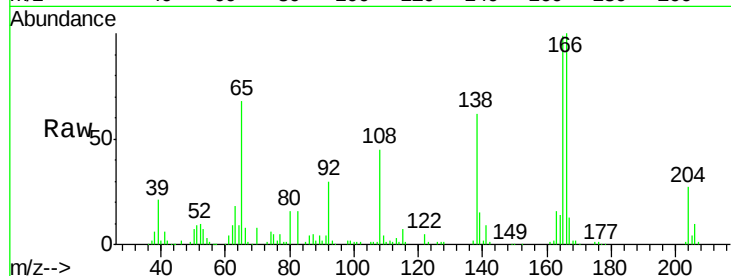
#61
4-Nitroaniline
Concen: 39.82 ng
RT: 10.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	66191		
92	48.3	32.9	72.9	
108	71.5	50.4	90.4	

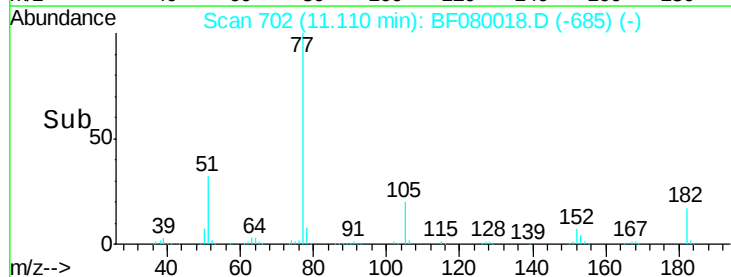
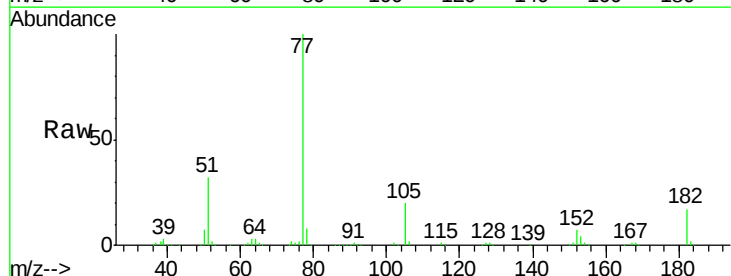
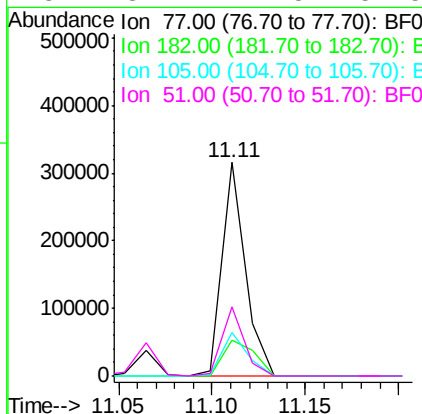
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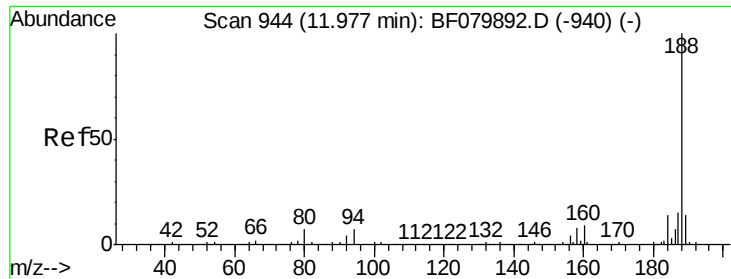
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#62
Azobenzene
Concen: 39.71 ng
RT: 11.11 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	276485		
182	16.8	0.0	35.9	
105	20.3	0.1	40.1	
51	32.2	11.5	51.5	





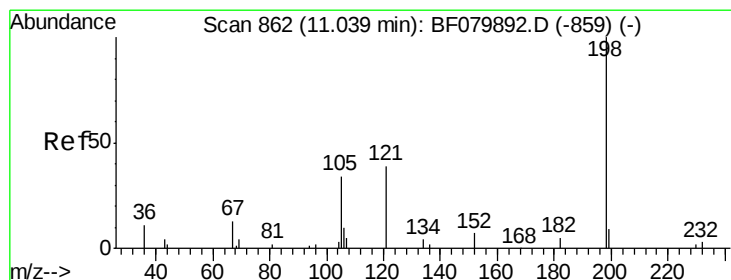
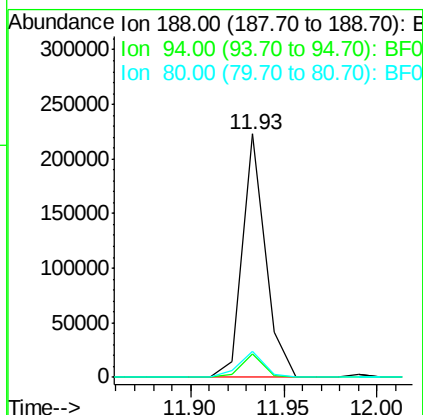
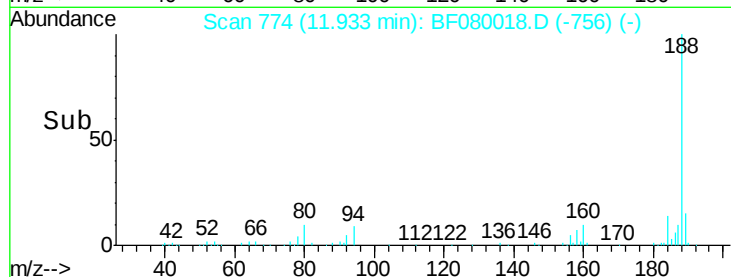
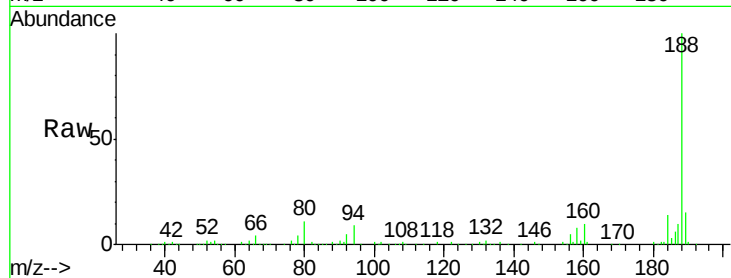
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.93 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	5.8	8.8#
80	10.6	5.9	8.9#

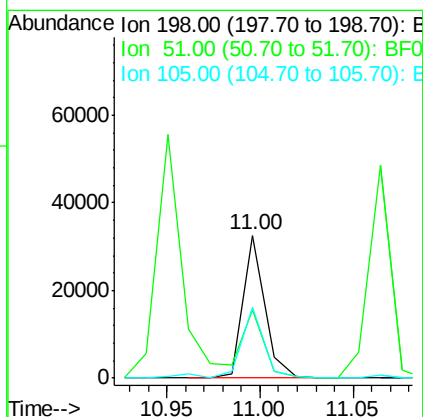
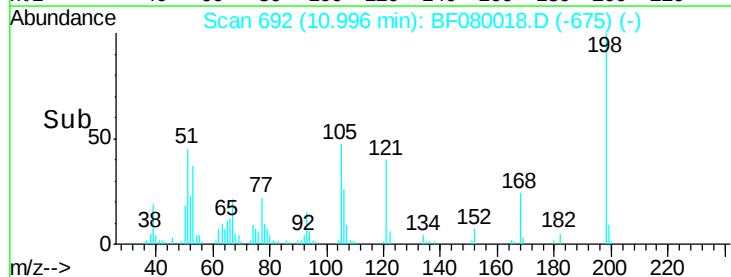
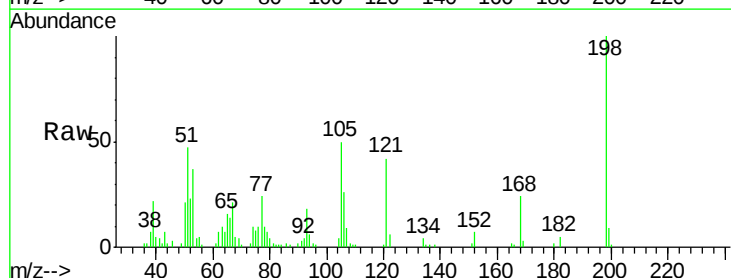
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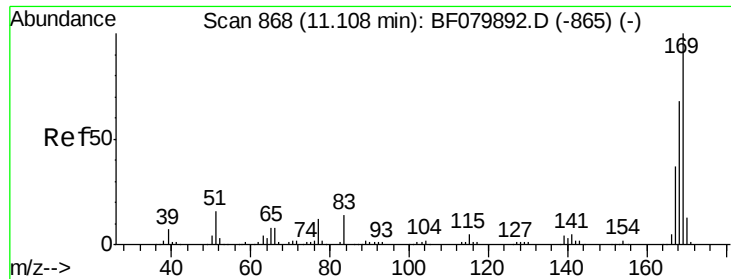
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 58.14 ng
 RT: 11.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.4	22.1	62.1
105	49.7	22.7	62.7





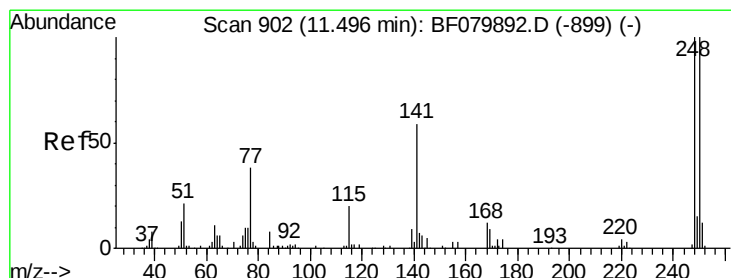
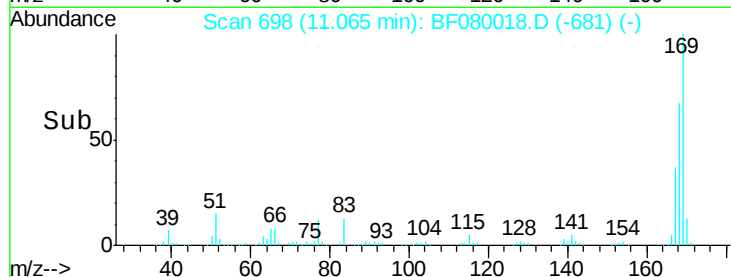
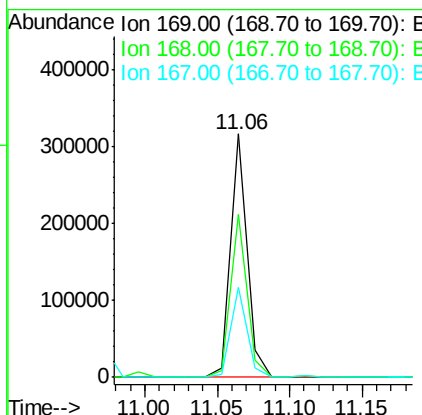
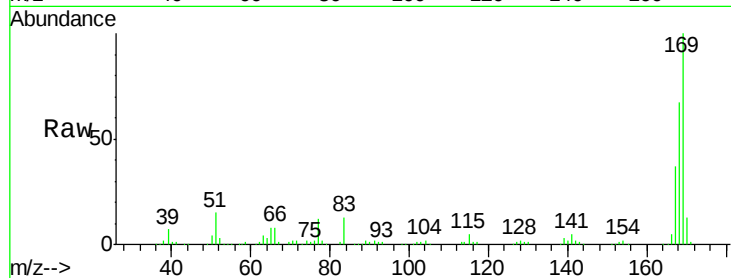
#65
 n-Nitrosodiphenylamine
 Concen: 40.42 ng
 RT: 11.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.9	54.2	81.4
167	36.9	29.7	44.5

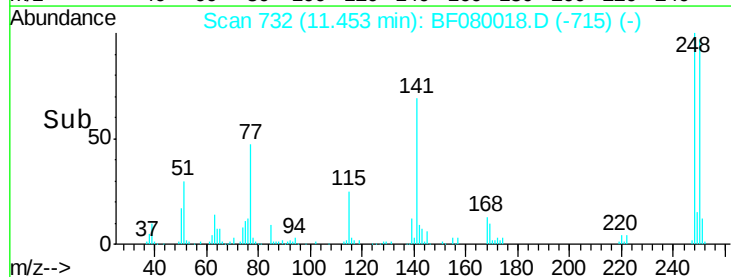
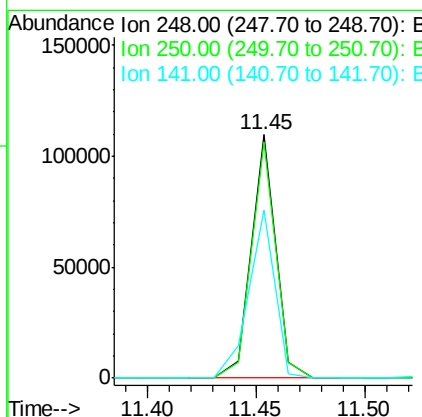
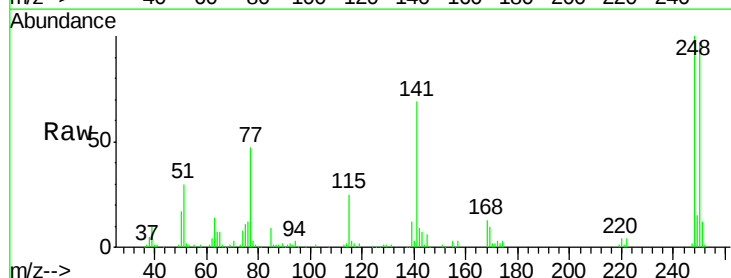
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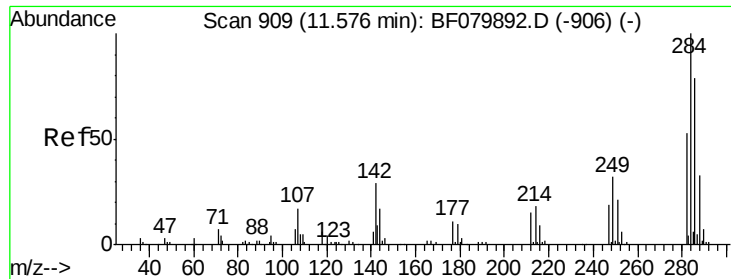
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#66
 4-Bromophenyl-phenylether
 Concen: 39.68 ng
 RT: 11.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.9	80.2	120.2
141	68.9	46.9	70.3





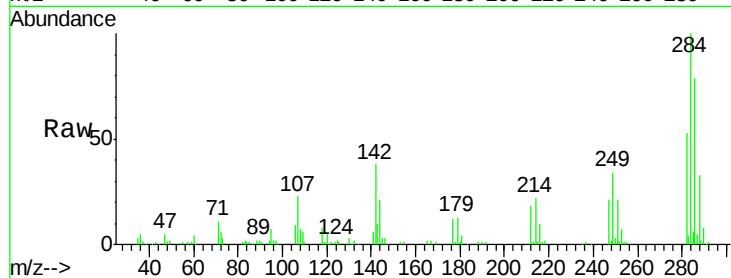
#67
Hexachlorobenzene
Concen: 38.14 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

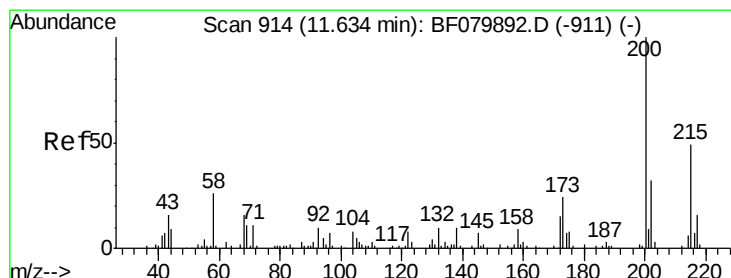
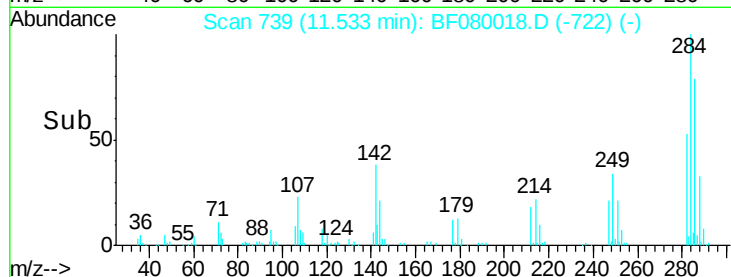
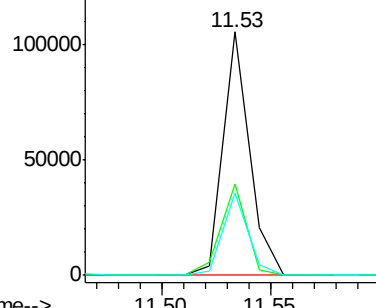
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	37.6	23.5	35.3#
249	33.6	25.3	37.9

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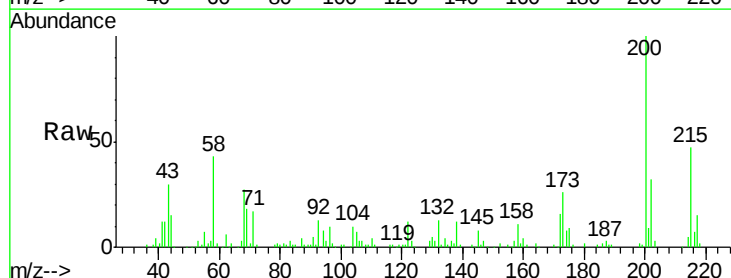


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

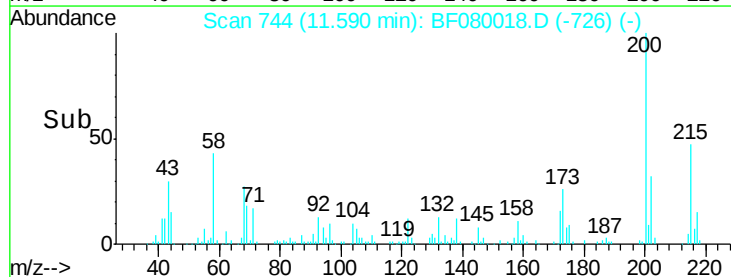
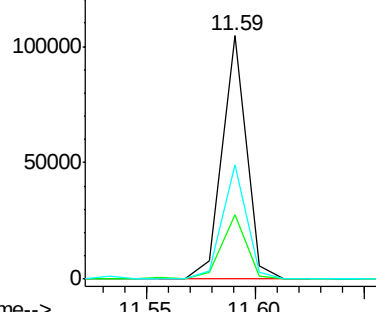


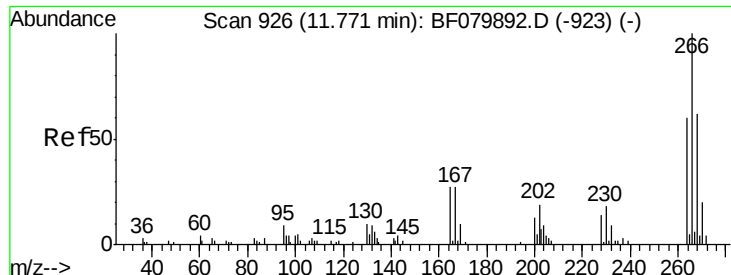
#68
Atrazine
Concen: 42.57 ng
RT: 11.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	4.1	44.1
215	47.1	29.2	69.2



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





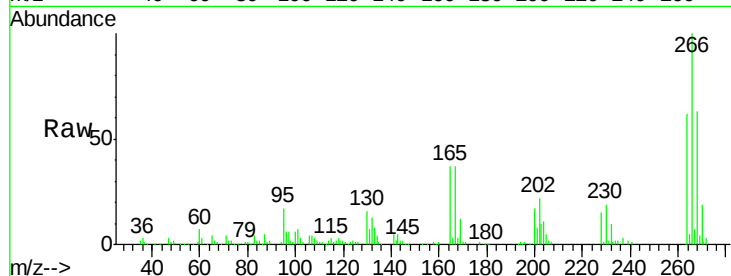
#69
 Pentachlorophenol
 Concen: 90.37 ng
 RT: 11.73 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

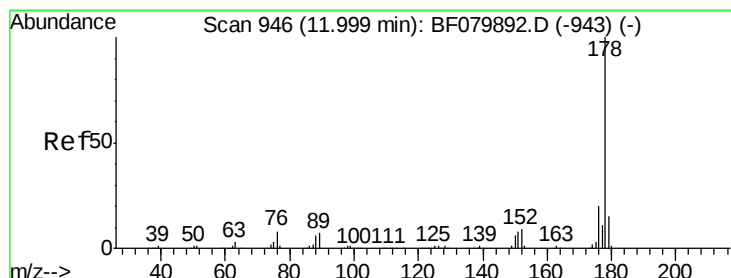
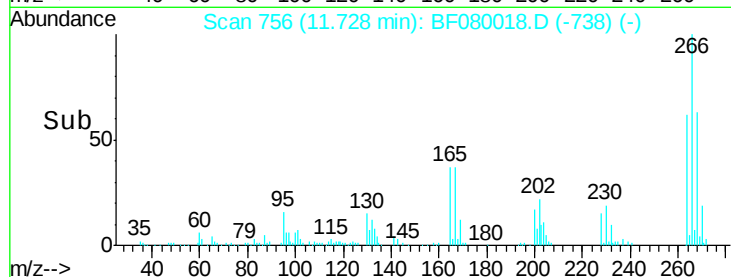
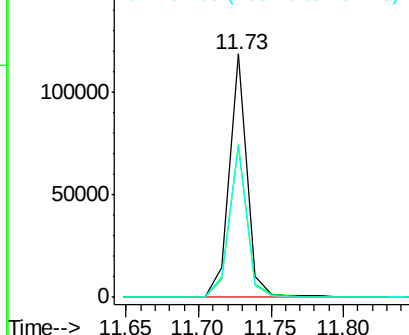
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	100615		
268	62.8	49.4	74.2	
264	62.2	47.7	71.5	

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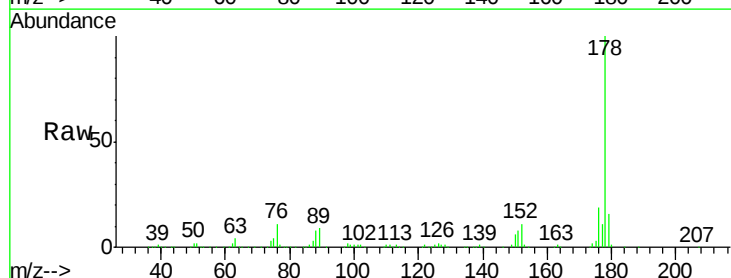


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

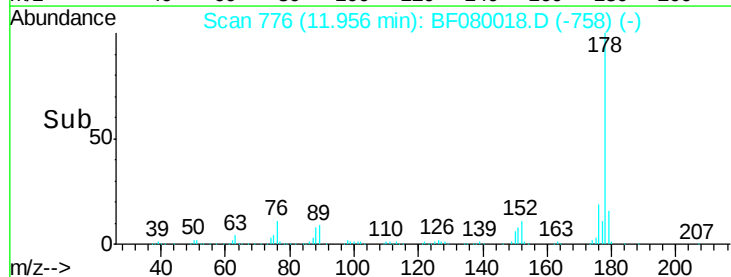
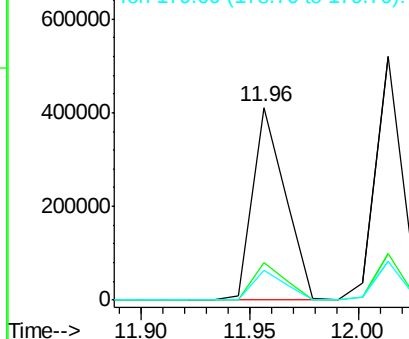


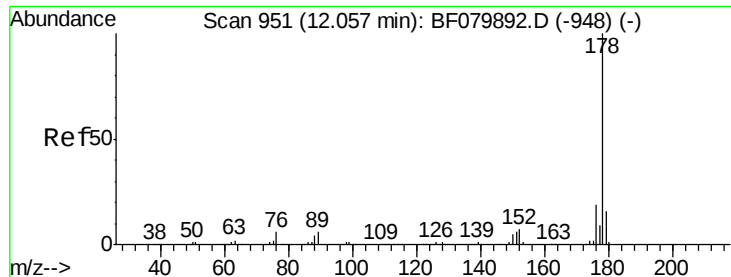
#70
 Phenanthrene
 Concen: 37.69 ng
 RT: 11.96 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	430991		
176	19.4	15.9	23.9	
179	15.7	12.3	18.5	



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: 40.43 ng

RT: 12.01 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

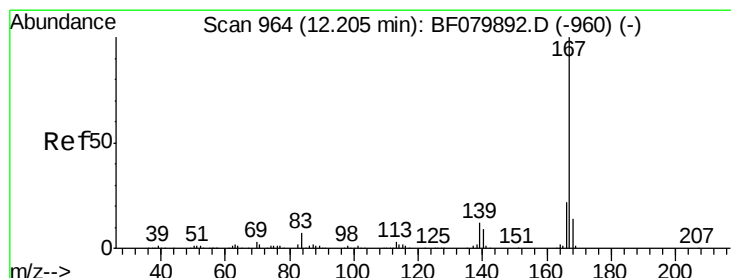
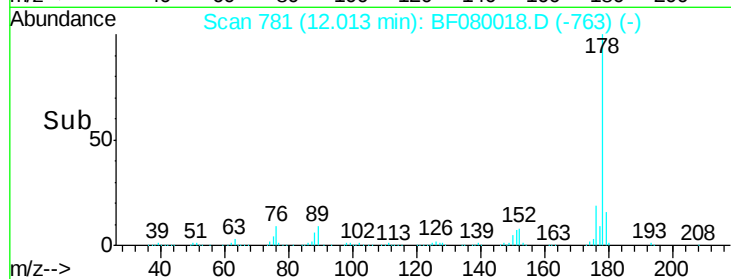
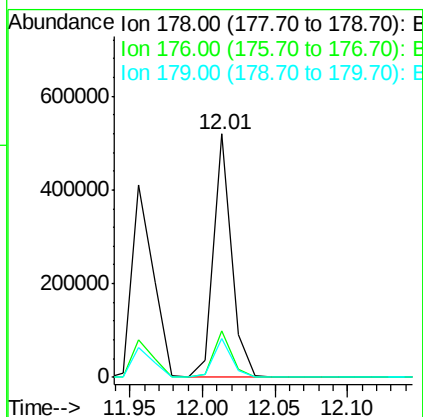
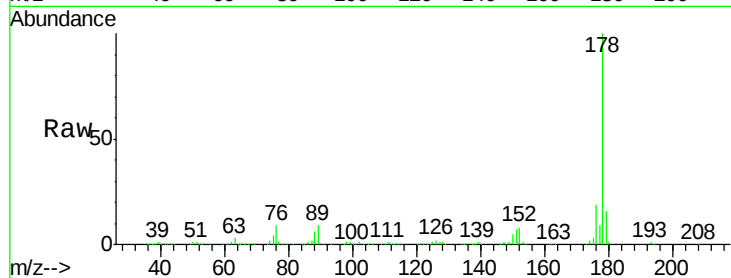
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	178	Resp:	447432
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.2	22.8
179	15.7	12.5	18.7

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#72

Carbazole

Concen: 35.97 ng

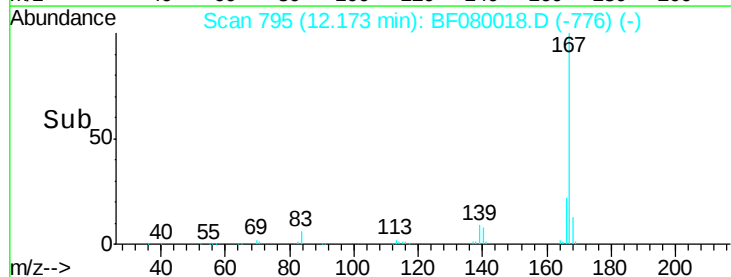
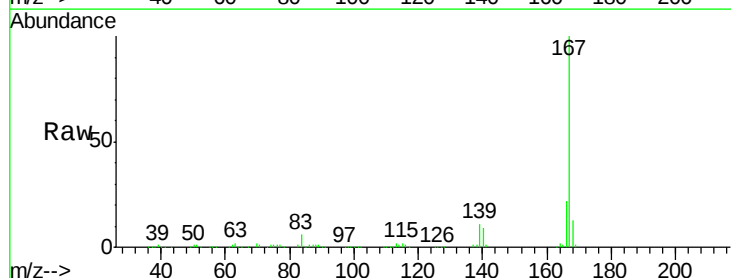
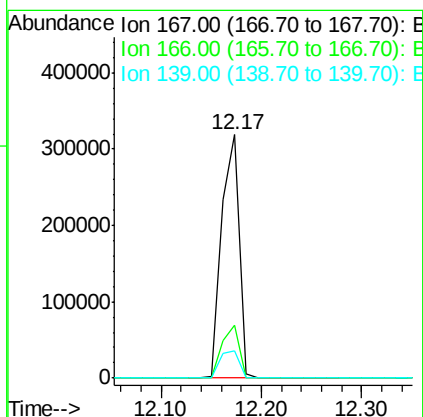
RT: 12.17 min Scan# 795

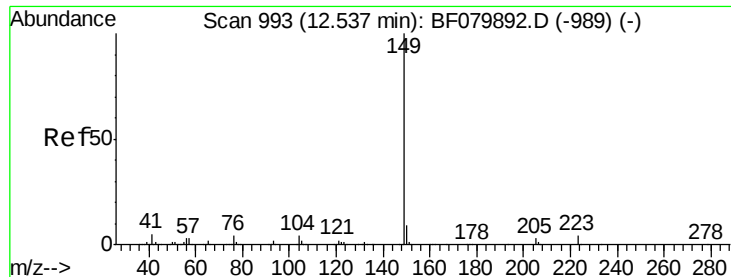
Delta R.T. 0.02 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	167	Resp:	386062
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.4	26.2
139	11.0	9.5	14.3





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 12.50 min Scan# 824

Delta R.T. 0.02 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

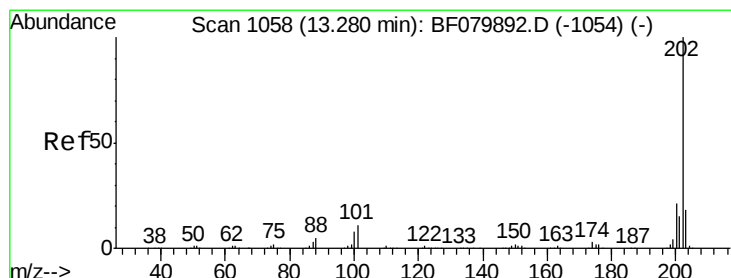
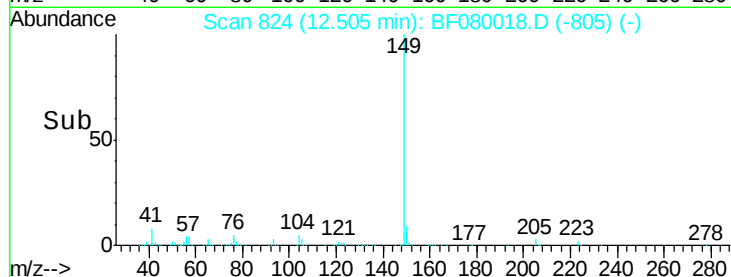
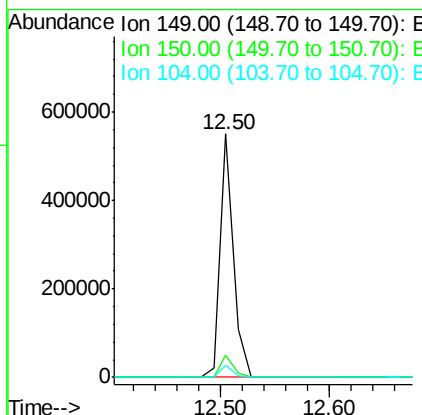
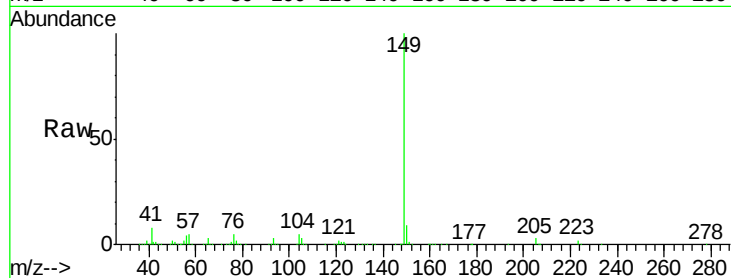
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	149	Resp:	470181
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.2	10.8
104	4.9	3.3	4.9

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#74

Fluoranthene

Concen: 38.13 ng

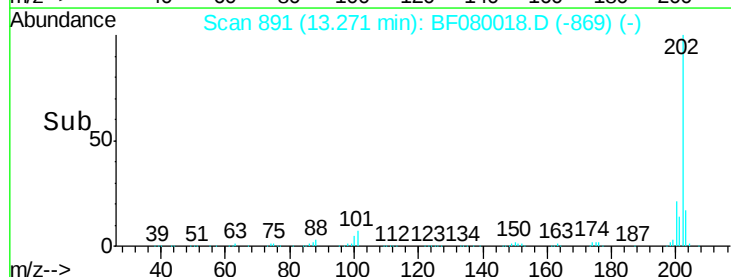
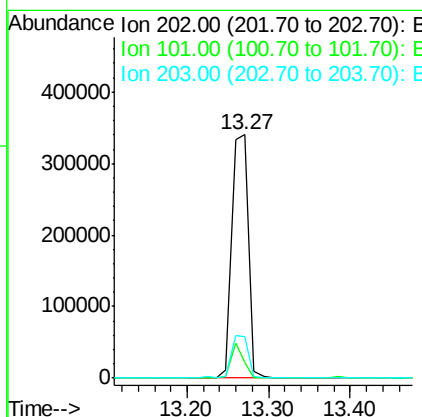
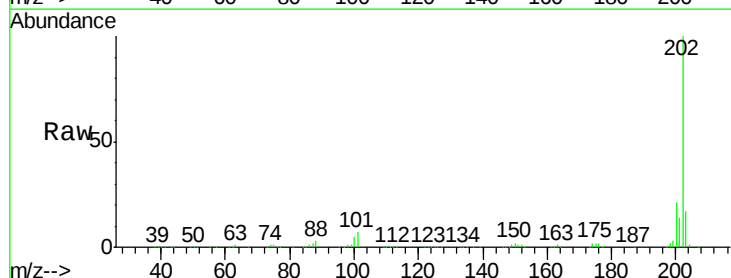
RT: 13.27 min Scan# 891

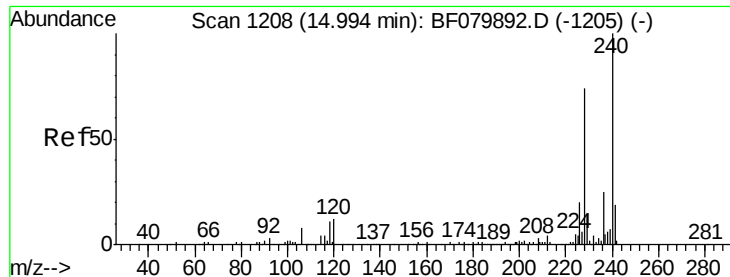
Delta R.T. 0.06 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	202	Resp:	481988
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	30.7
203	16.9	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1045

Delta R.T. 0.13 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

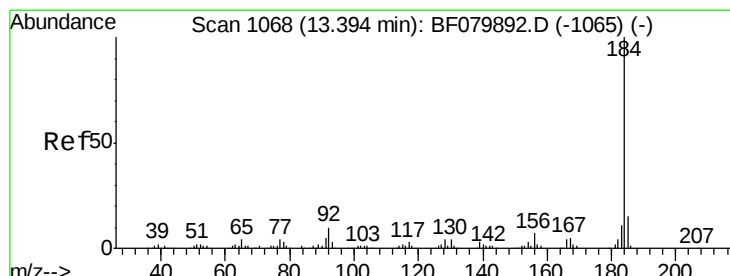
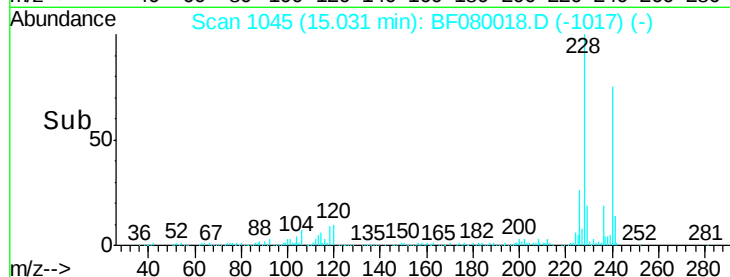
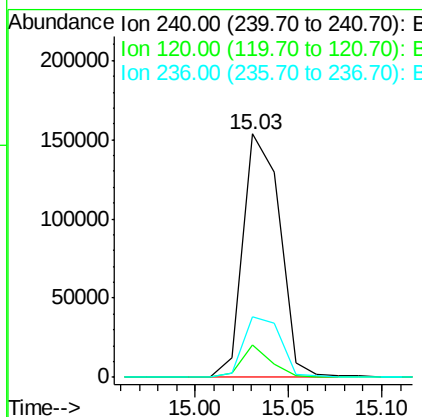
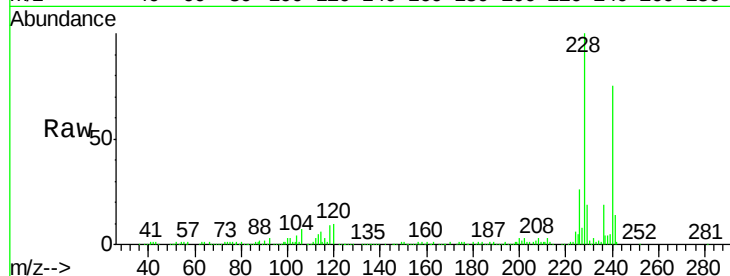
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	240	Resp:	211263
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.4	14.2
236	25.1	19.6	29.4

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#76

Benzidine

Concen: 37.24 ng

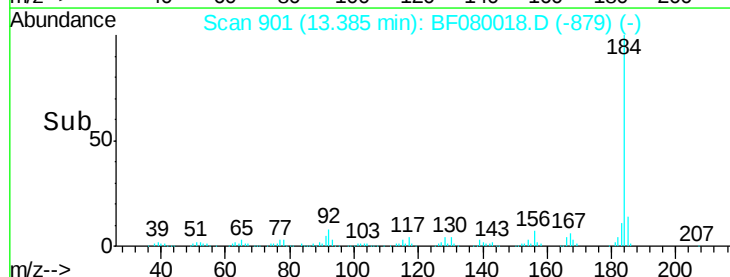
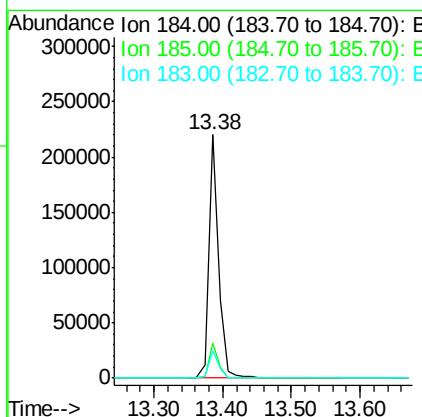
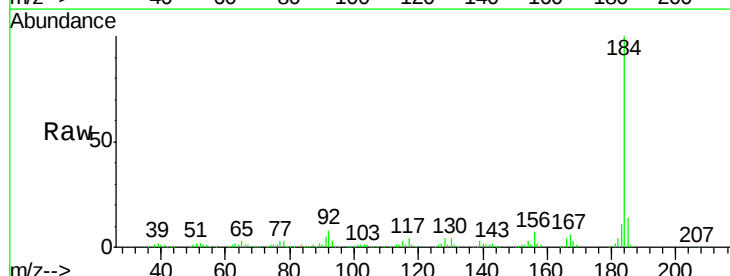
RT: 13.38 min Scan# 901

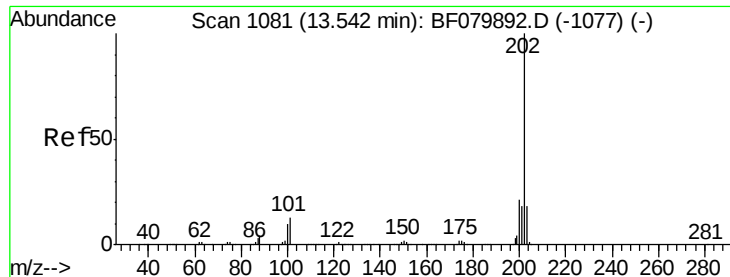
Delta R.T. 0.06 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion:	184	Resp:	217885
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.6
183	11.1	9.0	13.6





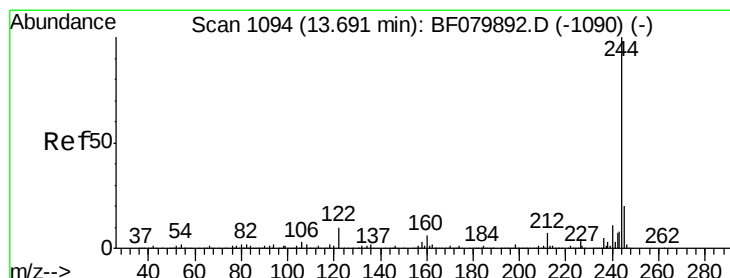
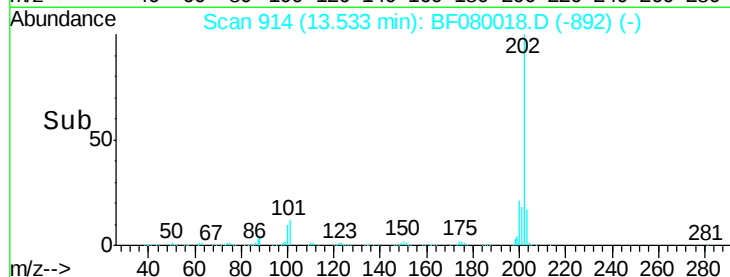
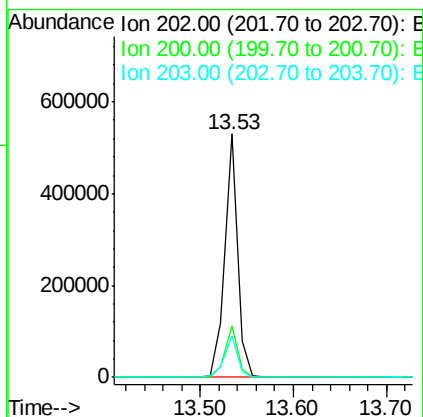
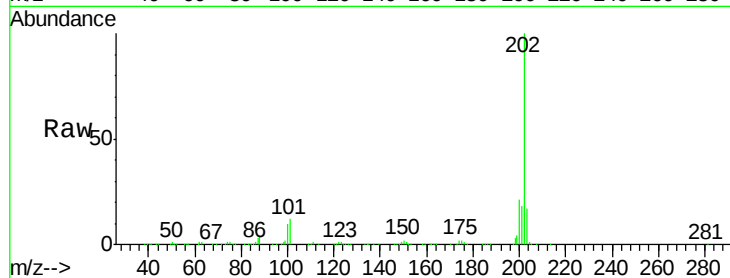
#77
 Pyrene
 Concen: 38.36 ng
 RT: 13.53 min Scan# 914
 Delta R.T. 0.06 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	508934		
200	21.2	16.8	25.2	
203	17.1	14.4	21.6	

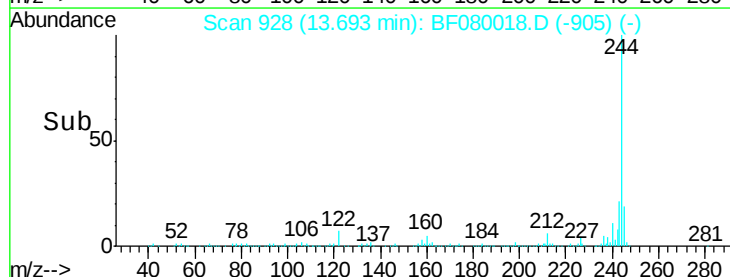
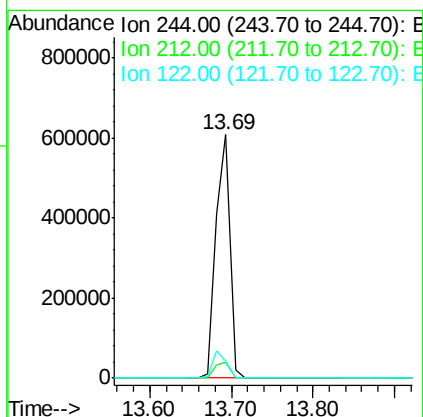
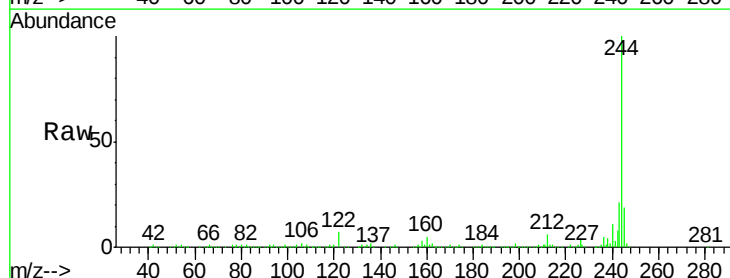
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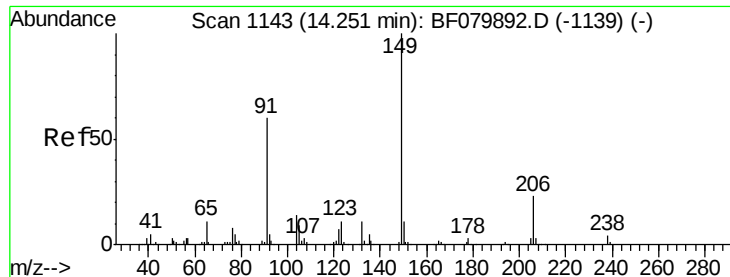
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#78
 Terphenyl-d14
 Concen: 79.39 ng
 RT: 13.69 min Scan# 928
 Delta R.T. 0.07 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	727463		
212	6.4	5.4	8.2	
122	7.1	7.8	11.8	





#79

Butylbenzylphthalate

Concen: 49.03 ng

RT: 14.26 min Scan# 978

Delta R.T. 0.09 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion:149 Resp: 219700
Ion Ratio Lower Upper

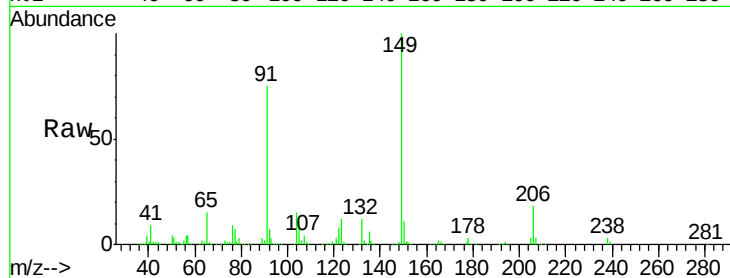
149 100

91 75.2 48.1 72.1#

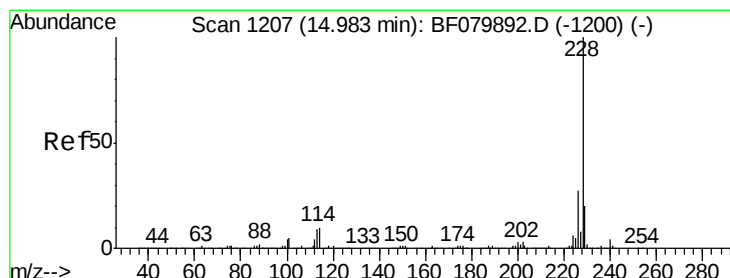
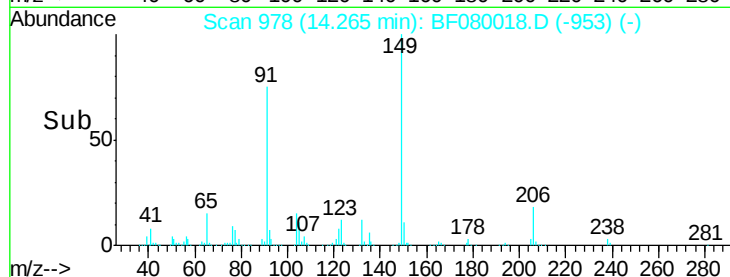
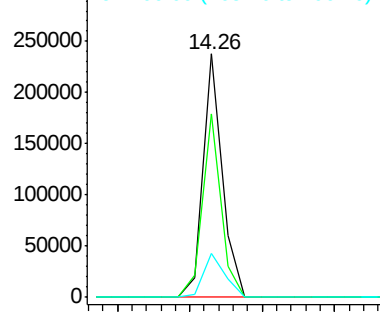
206 17.8 18.6 27.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.67 ng

RT: 15.02 min Scan# 1044

Delta R.T. 0.13 min

Lab File: BF080018.D

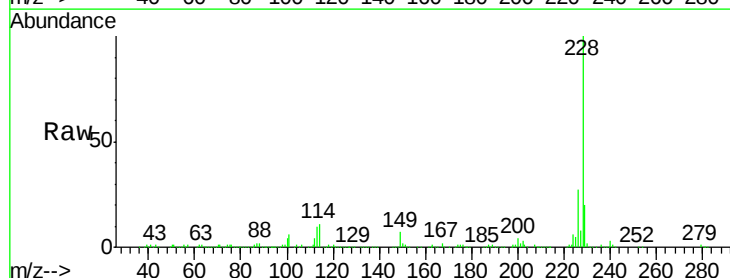
Acq: 17 Jun 2015 7:24

Tgt Ion:228 Resp: 491922
Ion Ratio Lower Upper

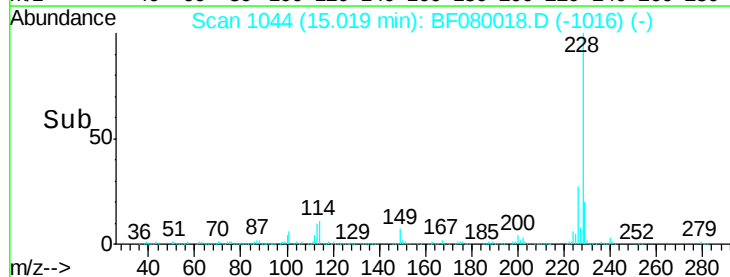
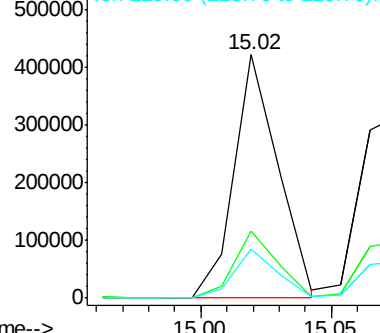
228 100

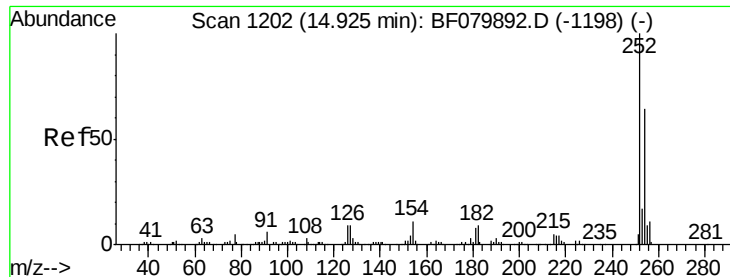
226 27.4 21.8 32.8

229 20.4 15.9 23.9



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





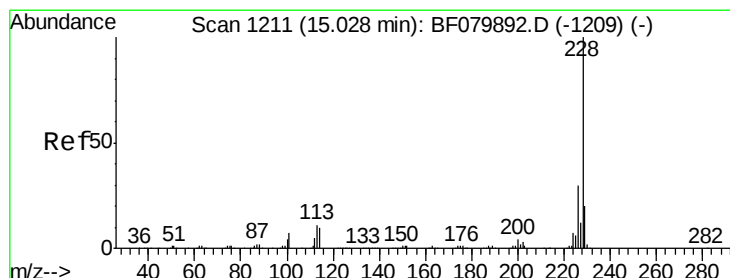
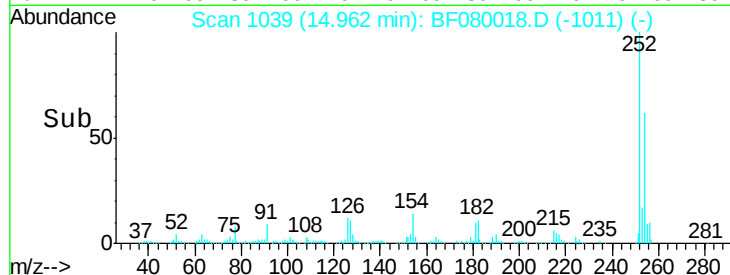
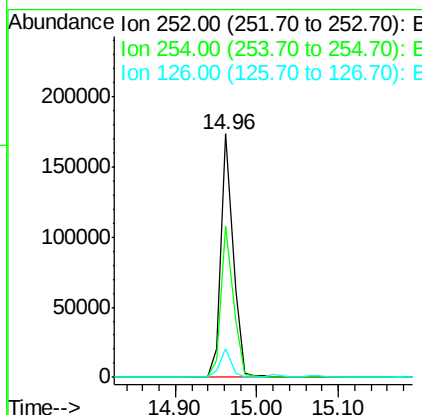
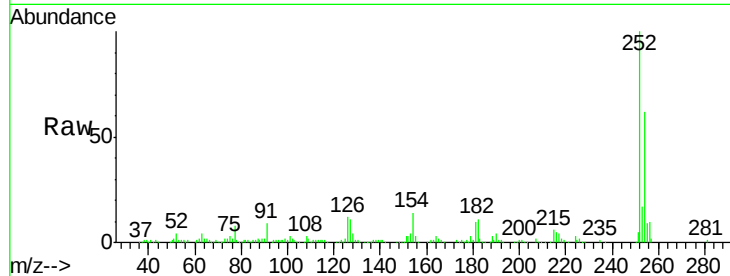
#81
 3,3'-Dichlorobenzidine
 Concen: 42.55 ng
 RT: 14.96 min Scan# 1039
 Delta R.T. 0.13 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.2	51.1	76.7
126	11.6	7.3	10.9

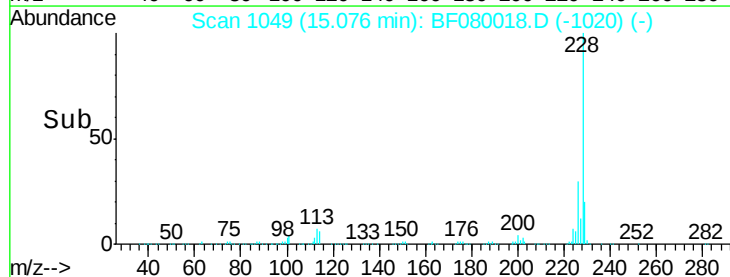
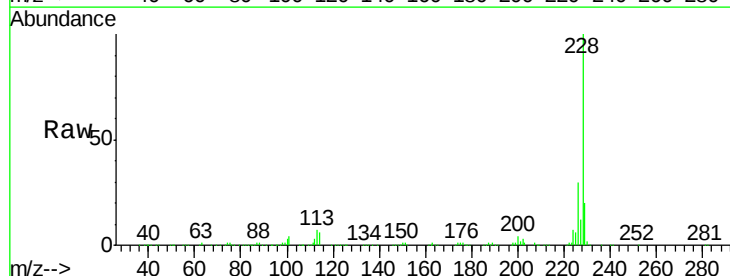
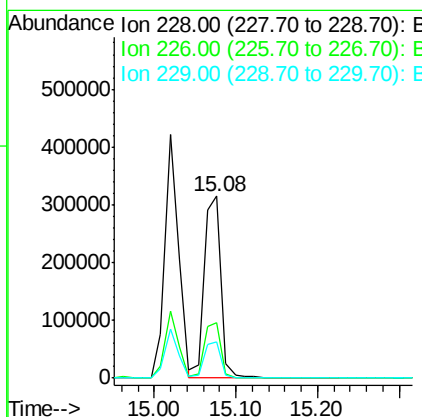
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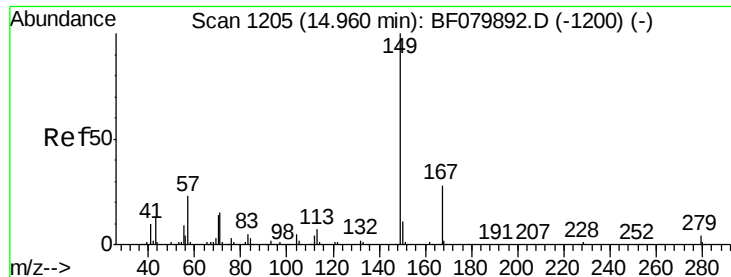
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#82
 Chrysene
 Concen: 38.51 ng
 RT: 15.08 min Scan# 1049
 Delta R.T. 0.14 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	23.9	35.9
229	20.0	16.1	24.1





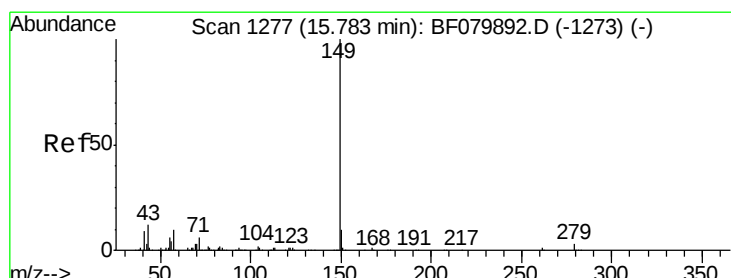
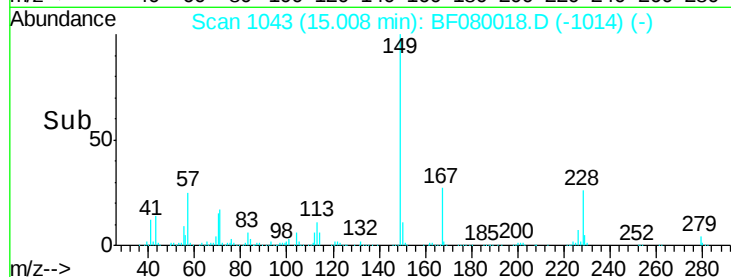
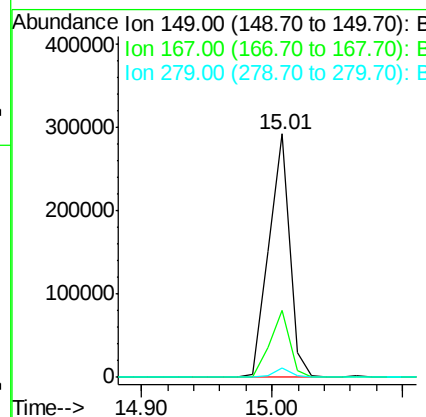
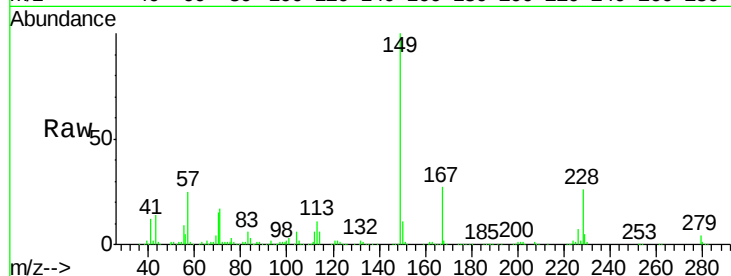
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.89 ng
 RT: 15.01 min Scan# 1043
 Delta R.T. 0.14 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.3	22.2	33.4
279	3.7	3.1	4.7

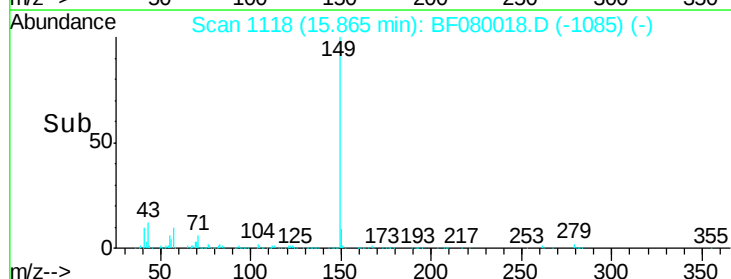
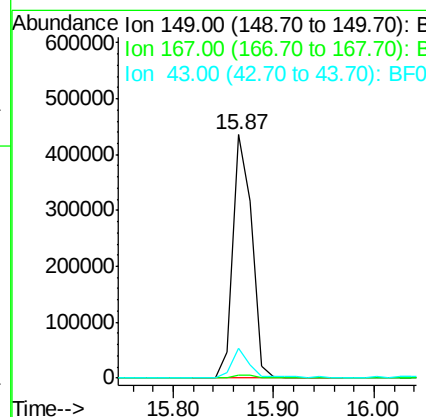
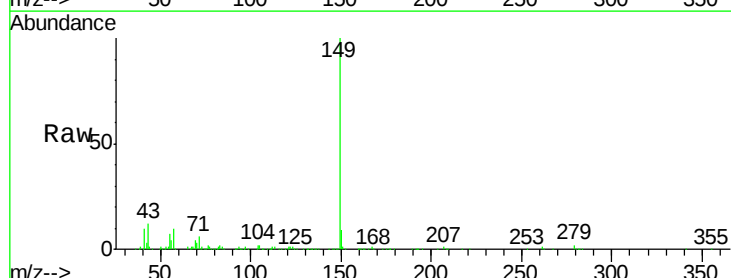
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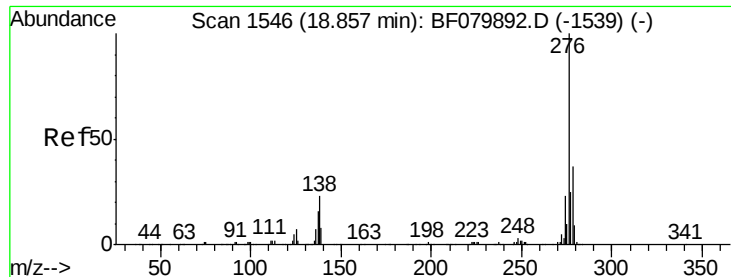
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#84
 Di-n-octyl phthalate
 Concen: 48.48 ng
 RT: 15.87 min Scan# 1118
 Delta R.T. 0.18 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.1	1.7
43	10.7	8.8	13.2





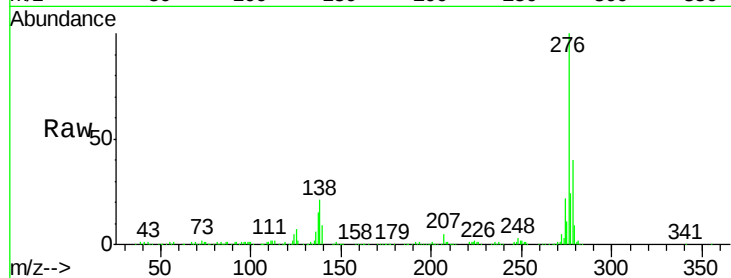
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.29 ng
 RT: 18.91 min Scan# 1384
 Delta R.T. 0.23 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

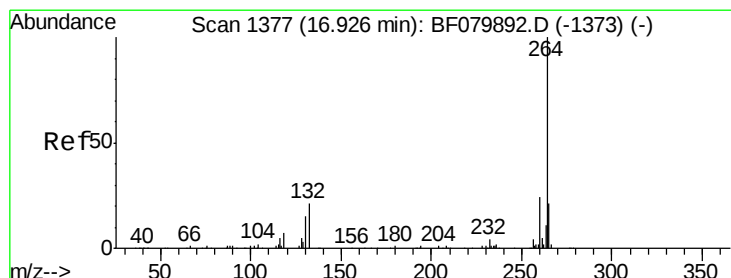
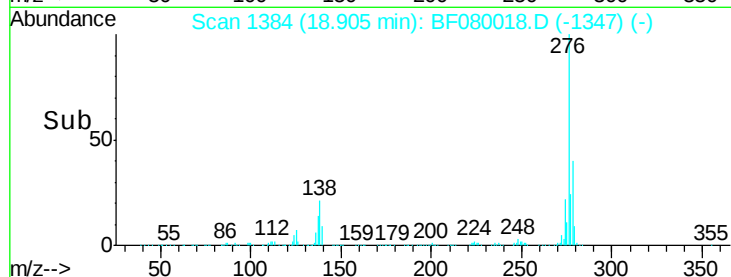
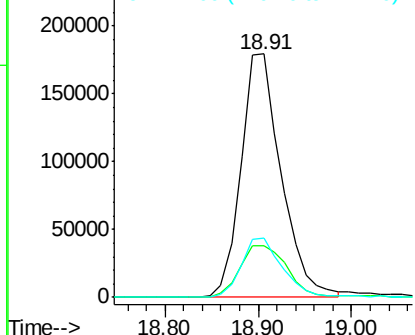
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.0	31.4
277	25.0	19.9	29.9

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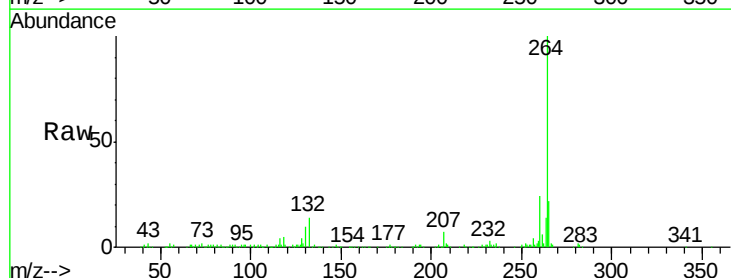


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

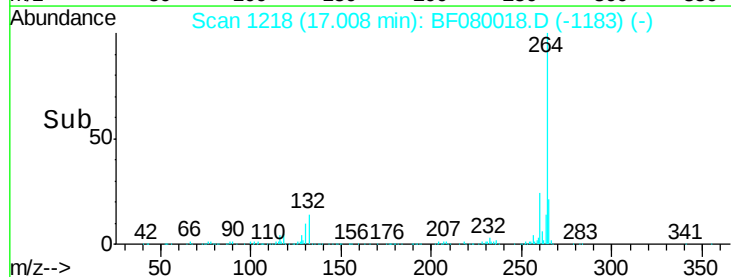
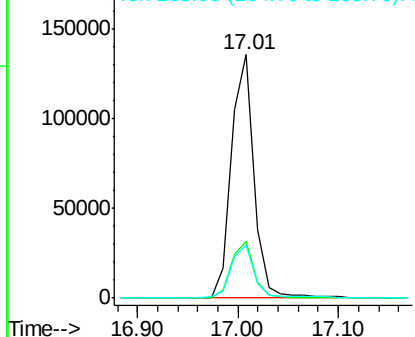


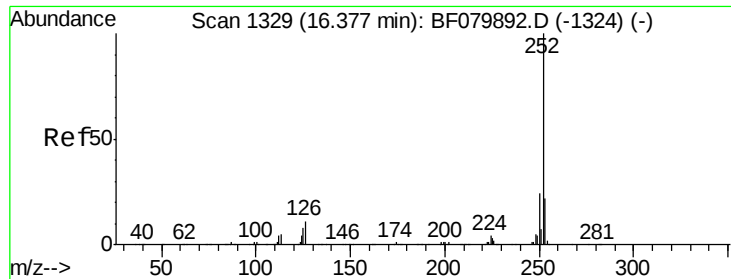
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1218
 Delta R.T. 0.21 min
 Lab File: BF080018.D
 Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.6	17.0	25.6



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





#87

Benzo(b)fluoranthene

Concen: 38.48 ng m

RT: 16.45 min Scan# 1169

Delta R.T. 0.19 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Instrument :

BNA_F

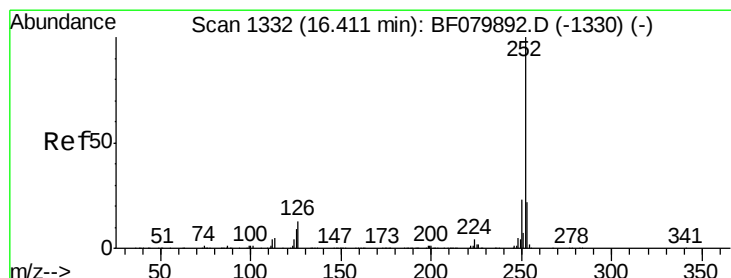
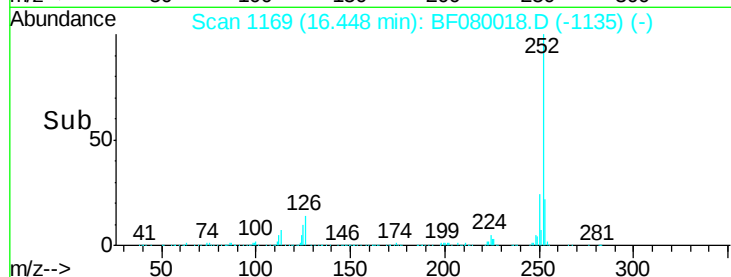
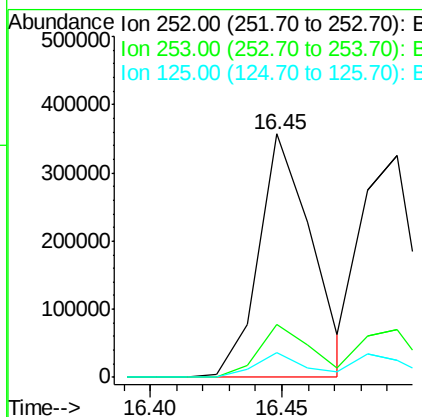
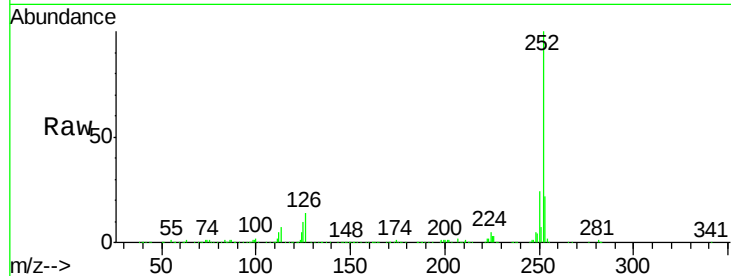
ClientSampleId :

NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.3	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 35.45 ng

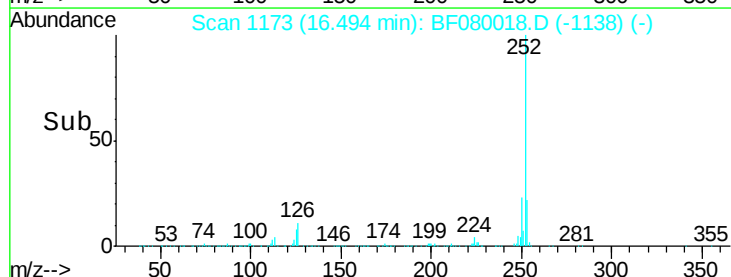
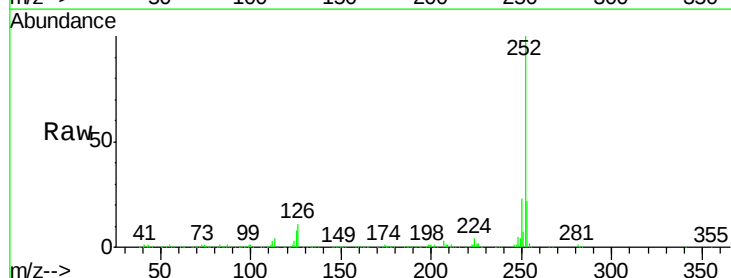
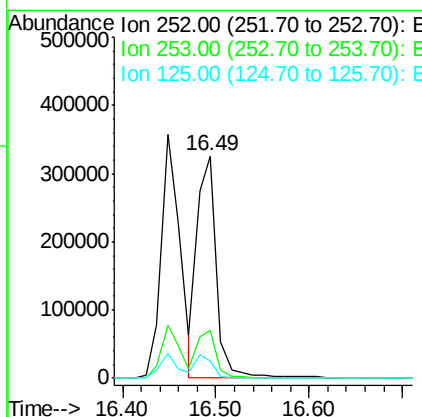
RT: 16.49 min Scan# 1173

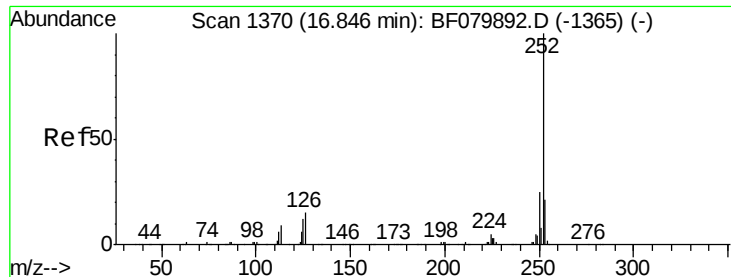
Delta R.T. 0.21 min

Lab File: BF080018.D

Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	7.7	7.4	11.0





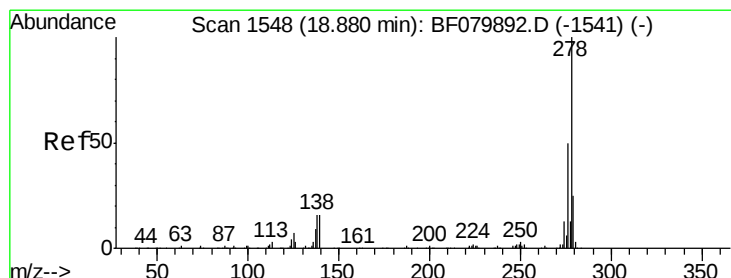
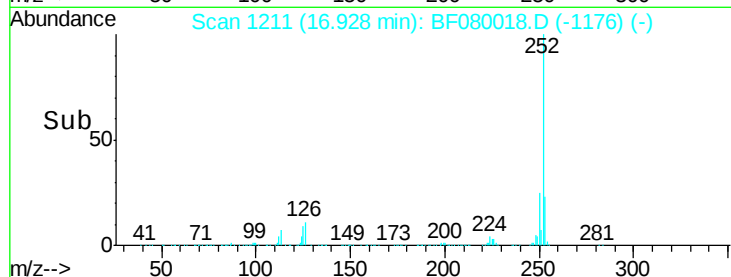
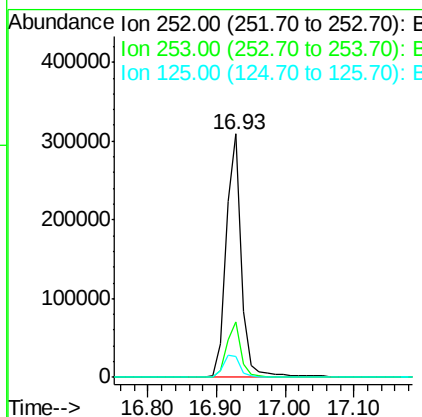
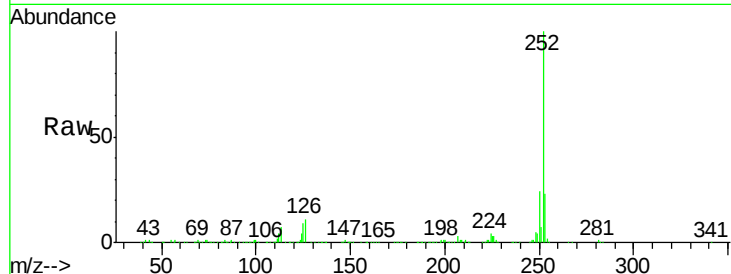
#89
Benzo(a)pyrene
Concen: 38.53 ng
RT: 16.93 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.0	25.6
125	8.7	9.7	14.5

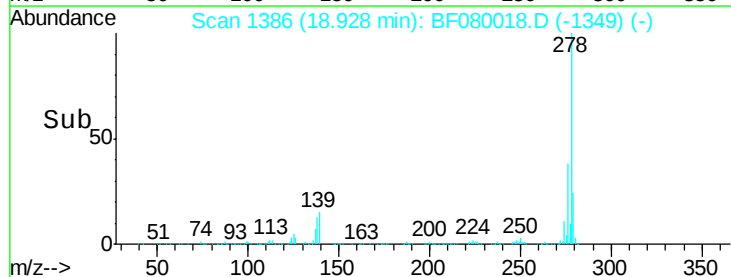
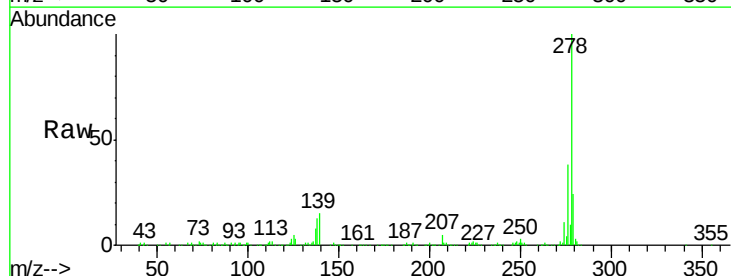
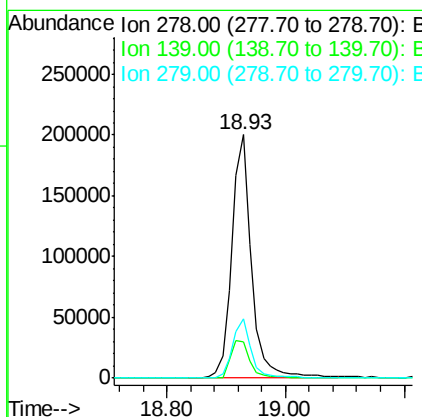
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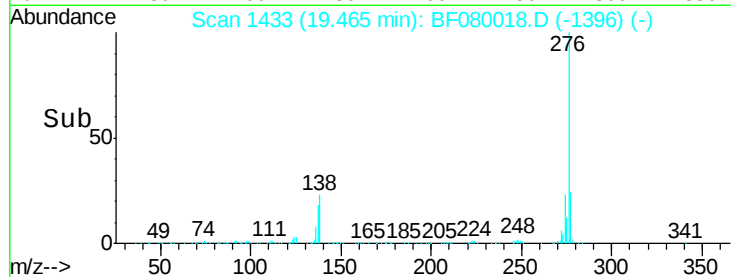
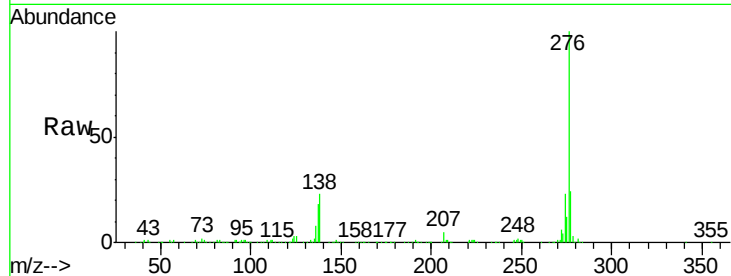
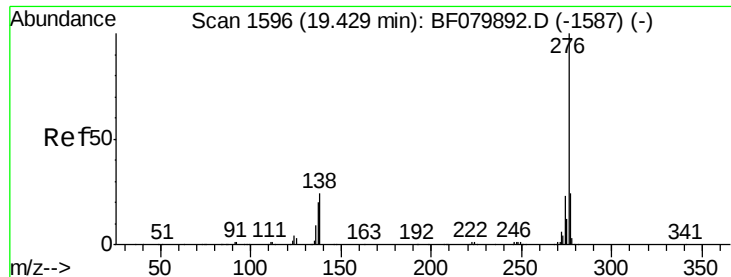
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#90
Dibenzo(a,h)anthracene
Concen: 37.68 ng
RT: 18.93 min Scan# 1386
Delta R.T. 0.23 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.8	12.8	19.2
279	24.1	19.7	29.5





#91
Benzo(g,h,i)perylene
Concen: 36.50 ng
RT: 19.47 min Scan# 1433
Delta R.T. 0.23 min
Lab File: BF080018.D
Acq: 17 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	22.8	19.1	28.7

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