

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080041.D
 Acq On : 18 Jun 2015 00:23
 Operator : TP/IZ
 Sample : G2651-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Manual Integrations
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 6/18/2015 4:07:26 PM

Quant Time: Jun 18 13:14:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	43532	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	167790	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	87171	20.00	ng	0.00
63) Phenanthrene-d10	11.91	188	172051	20.00	ng	0.00
75) Chrysene-d12	14.92	240	193662	20.00	ng	0.06
86) Perylene-d12	16.80	264	192449	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.96	112	308764	125.55	ng	0.01
7) Phenol-d6	6.94	99	404764	123.69	ng	0.00
23) Nitrobenzene-d5	7.90	82	247264	85.79	ng	0.00
41) 2,4,6-Tribromophenol	11.19	330	112748	132.27	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	526784	86.18	ng	0.00
78) Terphenyl-d14	13.61	244	645655	77.86	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	30788	26.34	ng	86
3) Pyridine	4.06	79	81085	26.08	ng	# 85
4) n-Nitrosodimethylamine	3.96	42	48640	32.92	ng	98
6) Aniline	7.00	93	144579	32.11	ng	95
8) 2-Chlorophenol	7.12	128	110850	39.00	ng	91
9) Benzaldehyde	6.88	77	75312	39.86	ng	# 74
10) Phenol	6.95	94	125322	35.09	ng	# 64
11) bis(2-Chloroethyl)ether	7.05	93	105726	37.31	ng	98
12) 1,3-Dichlorobenzene	7.28	146	123449	36.16	ng	# 94
13) 1,4-Dichlorobenzene	7.36	146	115553	35.58	ng	98
14) 1,2-Dichlorobenzene	7.51	146	115398m	36.52	ng	
15) Benzyl Alcohol	7.46	79	102116	38.16	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.60	45	157873	37.54	ng	89
17) 2-Methylphenol	7.57	107	89828	37.00	ng	# 85
18) Hexachloroethane	7.86	117	37510	34.69	ng	# 73
19) n-Nitroso-di-n-propylamine	7.73	70	79632	35.05	ng	# 81
20) 3+4-Methylphenols	7.72	107	118378	37.78	ng	87
22) Acetophenone	7.74	105	157851	40.37	ng	# 83
24) Nitrobenzene	7.91	77	113617	38.19	ng	# 62
25) Isophorone	8.15	82	227935	39.30	ng	# 88
26) 2-Nitrophenol	8.23	139	49320	39.61	ng	# 40
27) 2,4-Dimethylphenol	8.25	122	98138	37.80	ng	# 79
28) bis(2-Chloroethoxy)methane	8.36	93	136655	40.10	ng	# 94
29) 2,4-Dichlorophenol	8.47	162	90369	40.64	ng	89
30) 1,2,4-Trichlorobenzene	8.57	180	93365	36.97	ng	96
31) Naphthalene	8.65	128	334176m	38.09	ng	
32) Benzoic acid	8.31	122	38723	24.67	ng	# 63
33) 4-Chloroaniline	8.69	127	120342m	32.05	ng	
34) Hexachlorobutadiene	8.77	225	58379	37.54	ng	96
35) Caprolactam	9.02	113	27075	37.51	ng	# 76
36) 4-Chloro-3-methylphenol	9.16	107	103807	41.39	ng	# 80
37) 2-Methylnaphthalene	9.35	142	223767	39.43	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	97554	38.46	ng	97
40) Hexachlorocyclopentadiene	9.51	237	36358	31.93	ng	96

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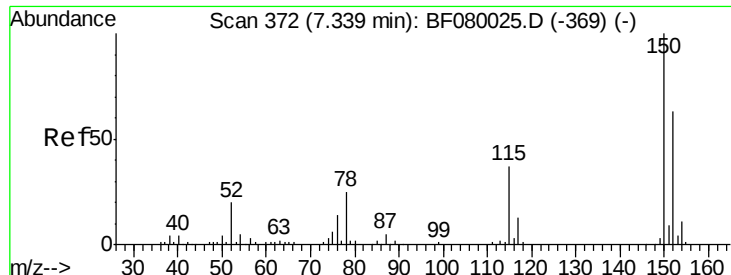
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	65406	37.89	ng	96
43) 2,4,5-Trichlorophenol	9.66	196	79266	39.86	ng	97
45) 1,1'-Biphenyl	9.81	154	271817	38.33	ng	96
46) 2-Chloronaphthalene	9.84	162	223424	38.83	ng	96
47) 2-Nitroaniline	9.92	65	63893	40.45	ng	# 73
48) Acenaphthylene	10.26	152	345344	35.95	ng	97
49) Dimethylphthalate	10.09	163	302418	46.15	ng	# 97
50) 2,6-Dinitrotoluene	10.16	165	55260	42.06	ng	# 84
51) Acenaphthene	10.44	154	224202	38.16	ng	96
52) 3-Nitroaniline	10.33	138	59430	39.20	ng	# 73
53) 2,4-Dinitrophenol	10.44	184	30879	59.37	ng	# 1
54) Dibenzofuran	10.61	168	330508	39.64	ng	92
55) 4-Nitrophenol	10.48	139	92603	76.43	ng	# 85
56) 2,4-Dinitrotoluene	10.57	165	66203	39.71	ng	# 85
57) Fluorene	10.95	166	251184	37.97	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.72	232	68624	40.88	ng	94
59) Diethylphthalate	10.80	149	267112	40.48	ng	98
60) 4-Chlorophenyl-phenylether	10.94	204	120170	37.80	ng	97
61) 4-Nitroaniline	10.95	138	56038	35.79	ng	# 73
62) Azobenzene	11.10	77	260162	38.73	ng	90
64) 4,6-Dinitro-2-methylphenol	10.98	198	26187	34.18	ng	# 68
65) n-Nitrosodiphenylamine	11.05	169	217986	38.91	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	71918	39.31	ng	# 88
67) Hexachlorobenzene	11.51	284	75309	37.04	ng	# 75
68) Atrazine	11.57	200	68588	38.75	ng	83
69) Pentachlorophenol	11.70	266	93944	81.54	ng	99
70) Phenanthrene	11.93	178	385563	37.02	ng	97
71) Anthracene	11.99	178	399236	39.81	ng	98
72) Carbazole	12.14	167	361730	37.78	ng	96
73) Di-n-butylphthalate	12.47	149	450426	40.71	ng	# 99
74) Fluoranthene	13.21	202	426692	38.46	ng	87
76) Benzidine	13.33	184	176940	32.69	ng	97
77) Pyrene	13.47	202	436234	36.59	ng	96
79) Butylbenzylphthalate	14.17	149	199202	41.60	ng	89
80) Benzo(a)anthracene	14.91	228	446738	37.87	ng	97
81) 3,3'-Dichlorobenzidine	14.85	252	166489	40.92	ng	# 93
82) Chrysene	14.95	228	415944	38.23	ng	94
83) Bis(2-ethylhexyl)phthalate	14.88	149	304826	40.28	ng	95
84) Di-n-octyl phthalate	15.69	149	521564	40.22	ng	96
85) Indeno(1,2,3-cd)pyrene	18.68	276	501522	36.56	ng	# 89
87) Benzo(b)fluoranthene	16.27	252	425373	36.51	ng	# 86
88) Benzo(k)fluoranthene	16.30	252	456435	38.47	ng	# 88
89) Benzo(a)pyrene	16.72	252	434825	39.29	ng	# 88
90) Dibenzo(a,h)anthracene	18.70	278	423806	37.42	ng	# 80
91) Benzo(g,h,i)perylene	19.24	276	424142	37.09	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

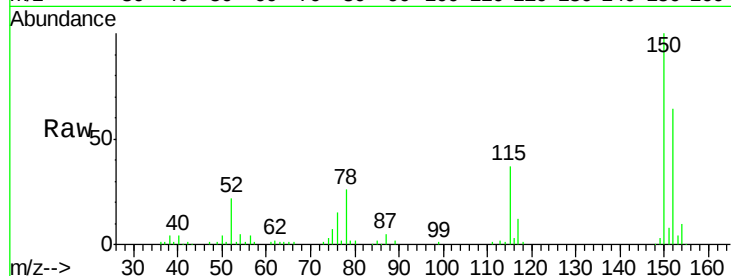
ClientSampleId :

NC-HC-001MSD

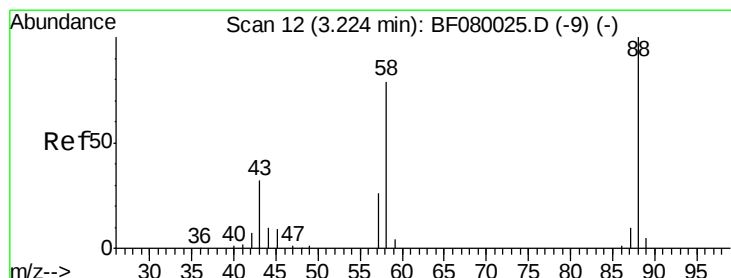
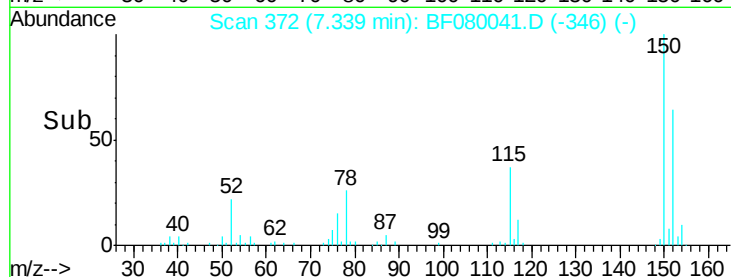
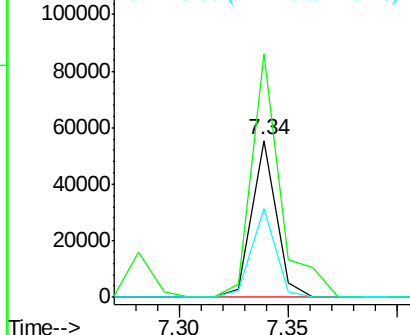
Tgt Ion:	152	Resp:	43532
Ion Ratio	Lower	Upper	
152	100		
150	155.1	124.7	187.1
115	56.9	39.0	58.4

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



#2

1,4-Dioxane

Concen: 26.34 ng

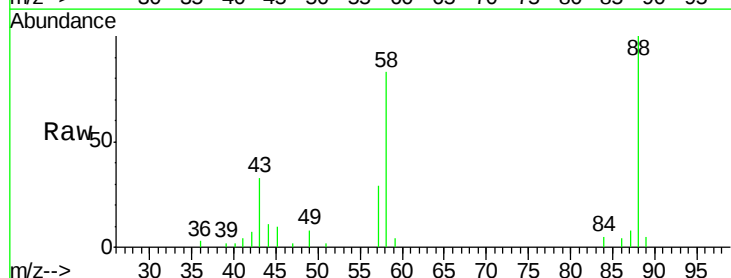
RT: 3.24 min Scan# 13

Delta R.T. 0.01 min

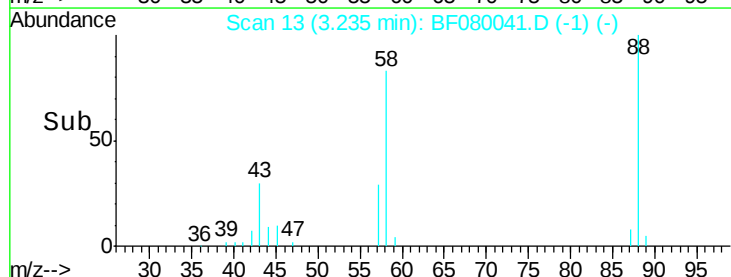
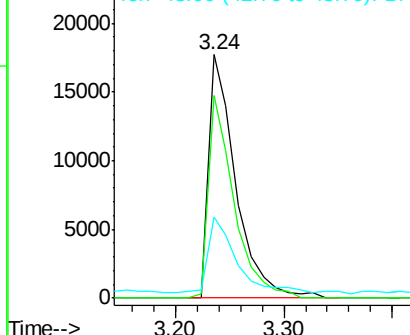
Lab File: BF080041.D

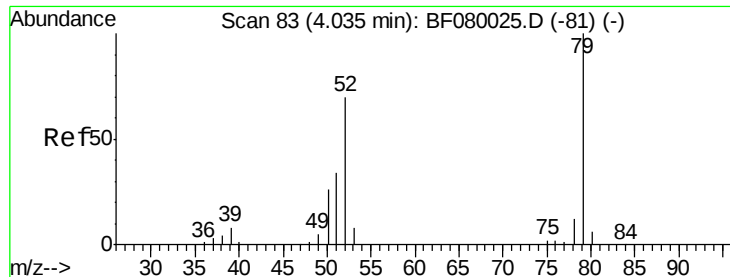
Acq: 18 Jun 2015 00:23

Tgt Ion:	88	Resp:	30788
Ion Ratio	Lower	Upper	
88	100		
58	78.8	77.7	116.5
43	33.3	26.6	40.0



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





#3

Pyridine

Concen: 26.08 ng

RT: 4.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

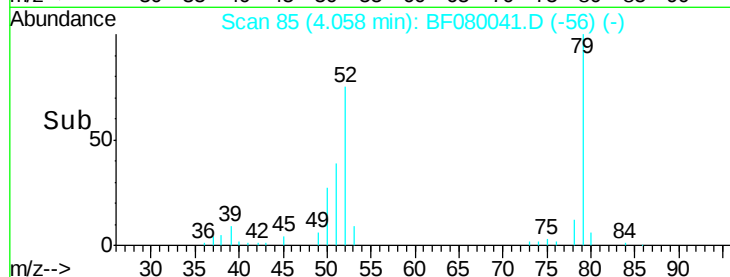
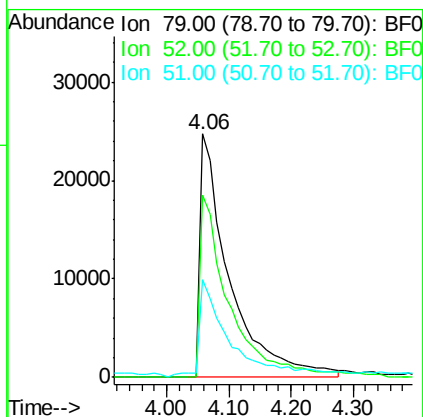
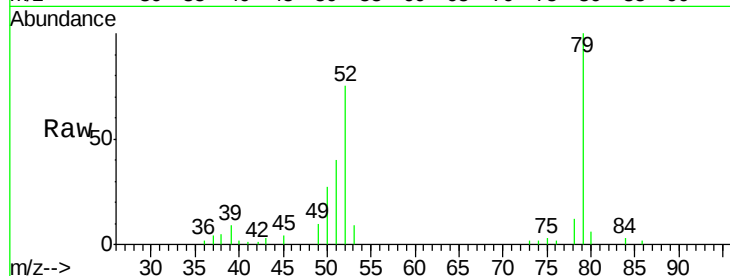
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	79	Resp:	81085
Ion	Ratio	Lower	Upper
79	100		
52	74.6	76.8	115.2#
51	40.4	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 32.92 ng

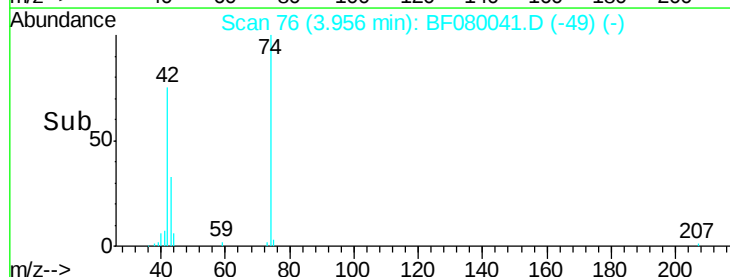
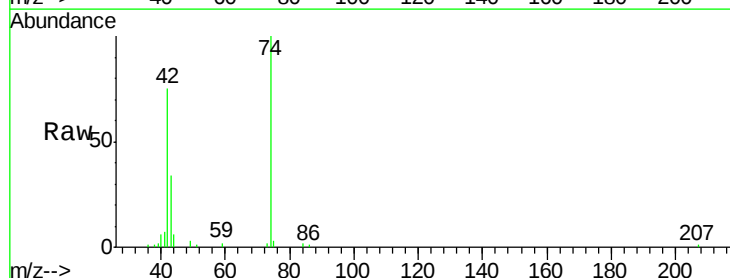
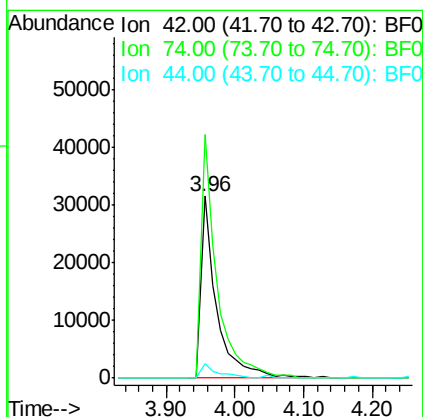
RT: 3.96 min Scan# 76

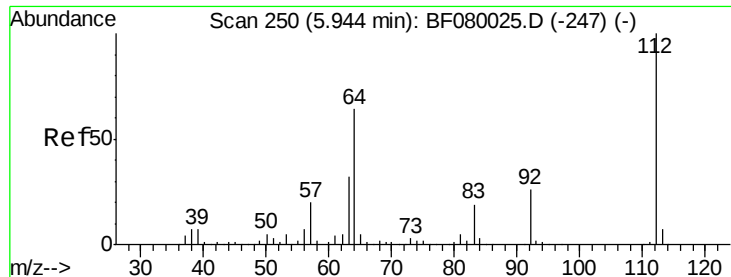
Delta R.T. 0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	42	Resp:	48640
Ion	Ratio	Lower	Upper
42	100		
74	133.7	105.0	157.6
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 125.55 ng

RT: 5.96 min Scan# 251

Delta R.T. 0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

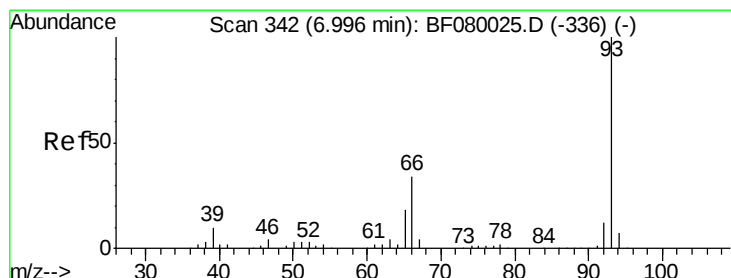
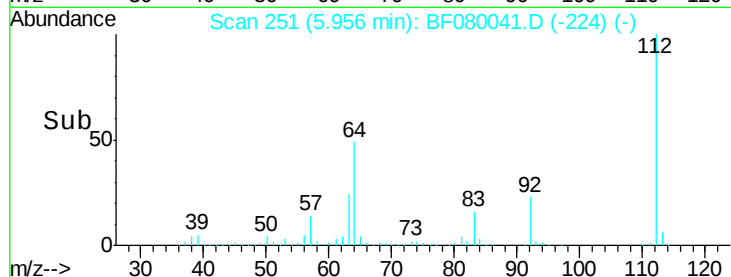
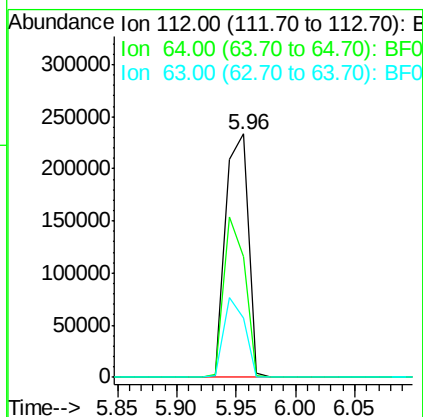
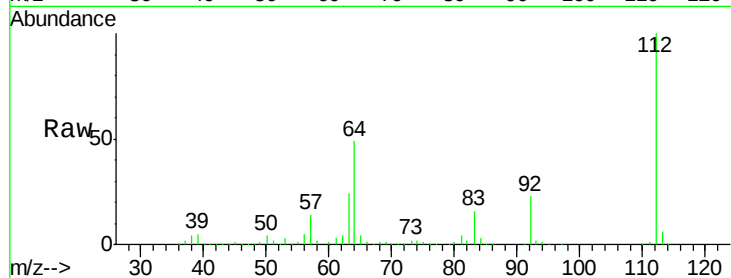
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	112	Resp:	308764
Ion Ratio	Lower	Upper	
112	100		
64	49.4	39.7	59.5
63	24.4	17.4	26.0

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#6

Aniline

Concen: 32.11 ng

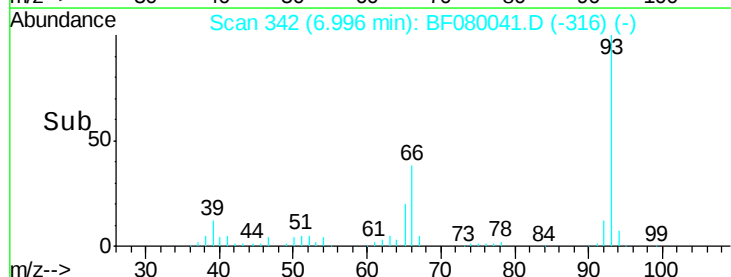
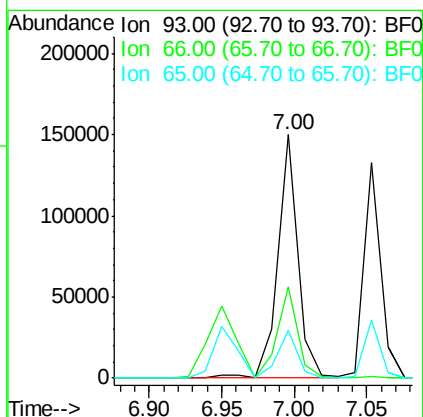
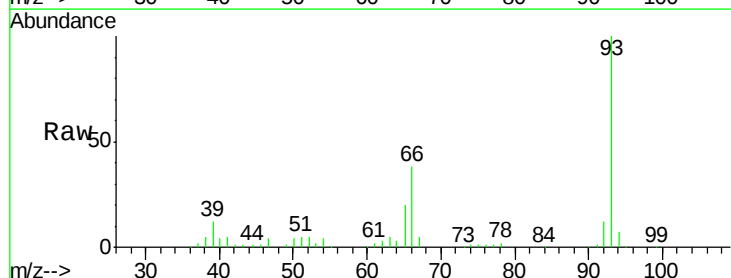
RT: 7.00 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	93	Resp:	144579
Ion Ratio	Lower	Upper	
93	100		
66	37.8	27.2	40.8
65	19.5	14.7	22.1





#7

Phenol-d6

Concen: 123.69 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion: 99 Resp: 404764

Ion Ratio Lower Upper

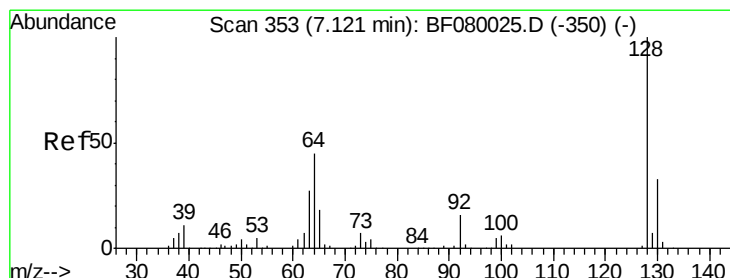
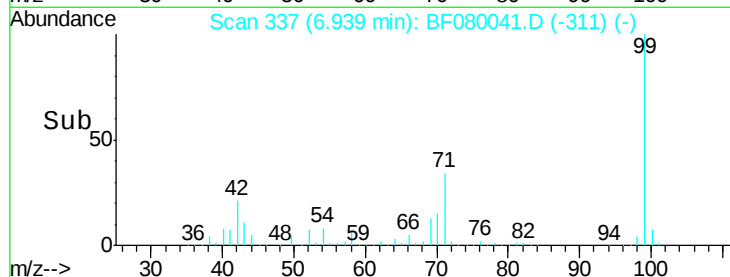
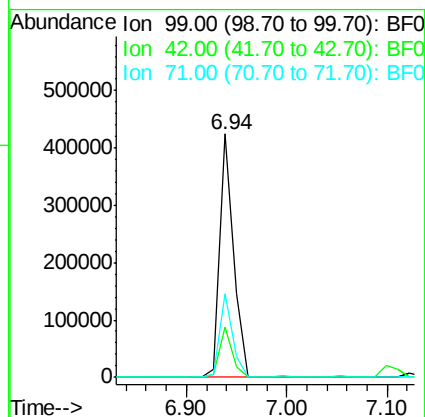
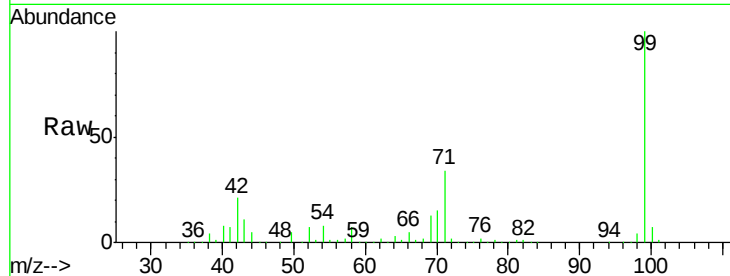
99 100

42 20.8 13.7 20.5#

71 34.4 14.2 21.2#

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#8

2-Chlorophenol

Concen: 39.00 ng

RT: 7.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

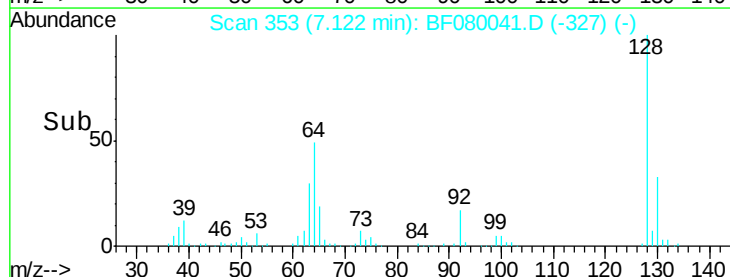
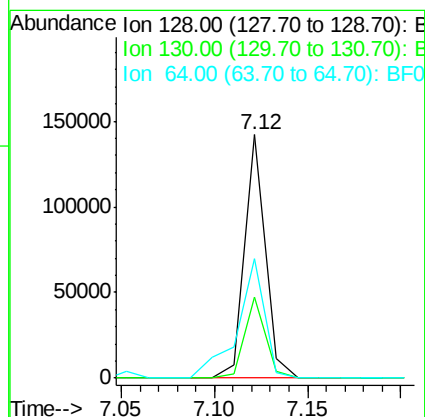
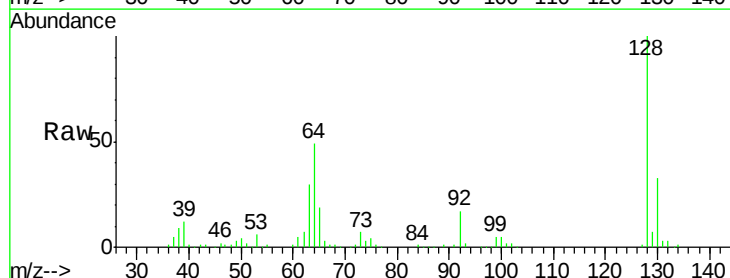
Tgt Ion: 128 Resp: 110850

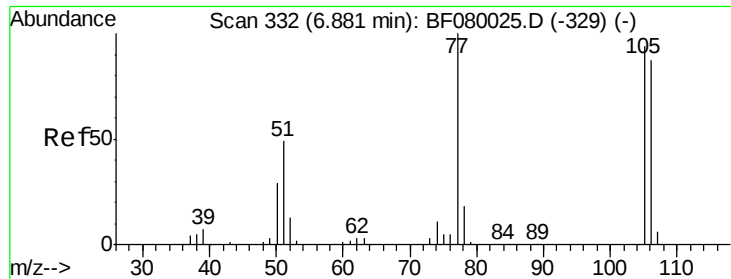
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 49.3 20.5 60.5





#9

Benzaldehyde

Concen: 39.86 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion: 77 Resp: 75312

Ion Ratio Lower Upper

77 100

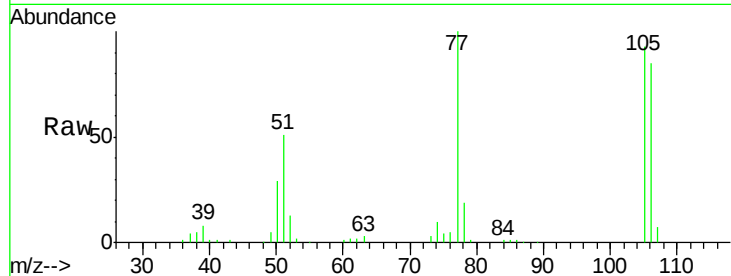
105 93.0 91.6 131.6

106 84.9 102.6 142.6#

Manual Integrations
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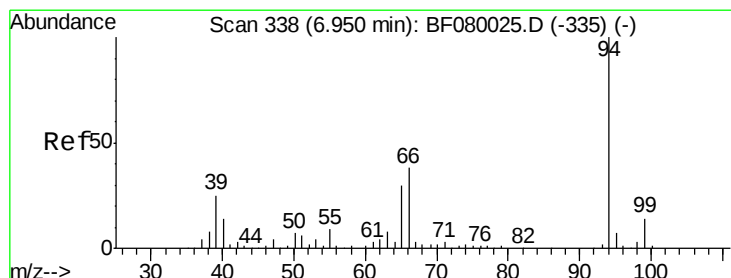
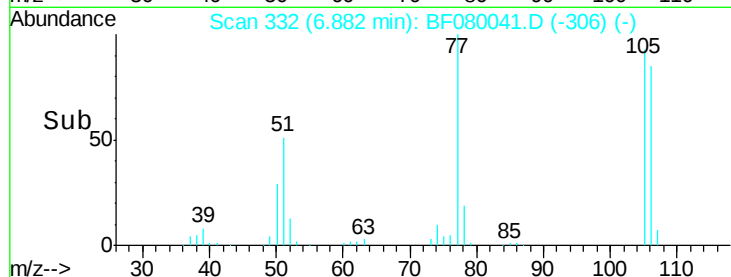
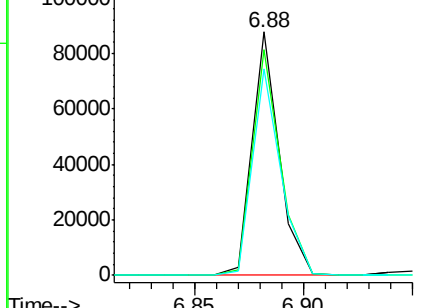
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.09 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

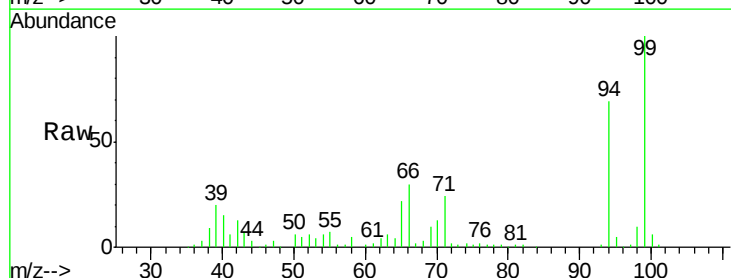
Tgt Ion: 94 Resp: 125322

Ion Ratio Lower Upper

94 100

65 31.5 0.7 40.7

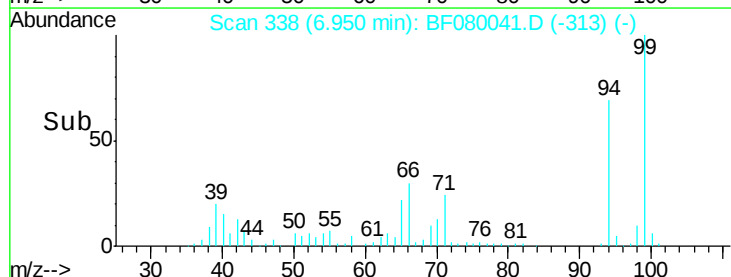
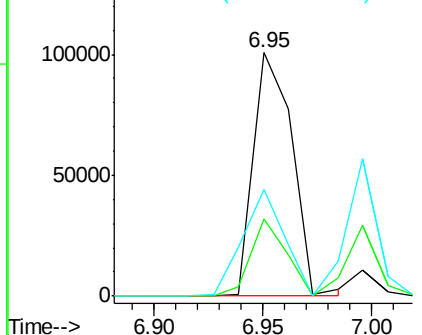
66 44.0 0.8 40.8#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





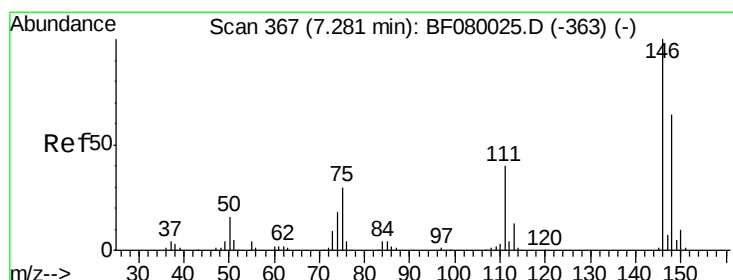
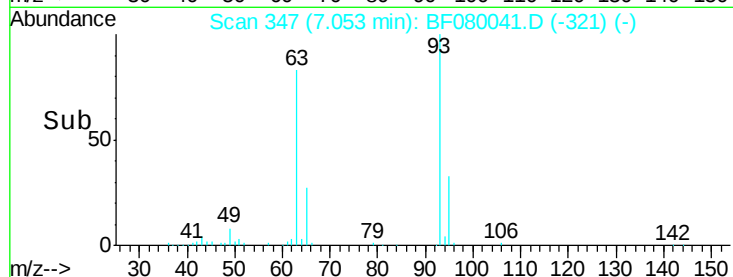
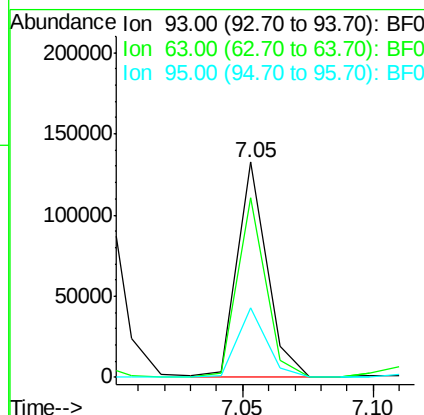
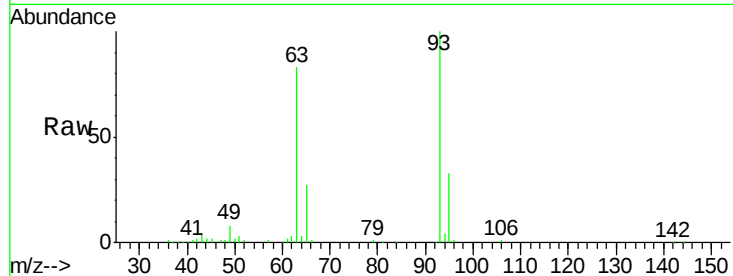
#11
bis(2-Chloroethyl)ether
Concen: 37.31 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.3	65.6	105.6
95	32.7	13.6	53.6

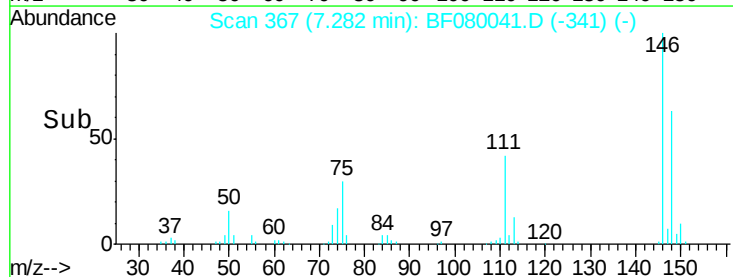
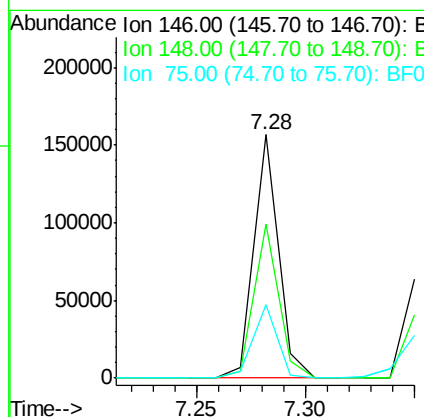
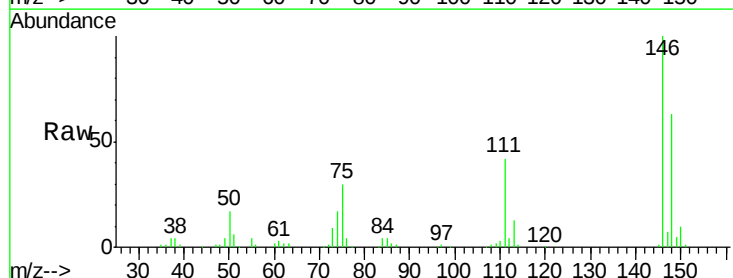
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 36.16 ng
RT: 7.28 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
75	30.2	15.0	22.6





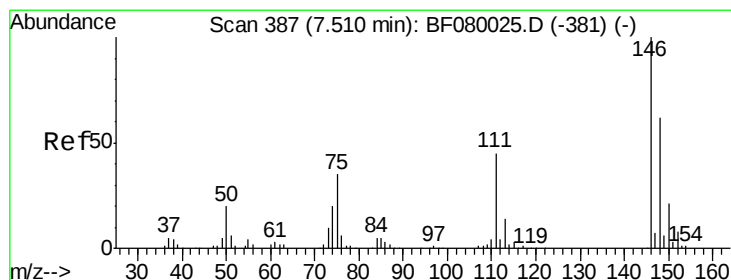
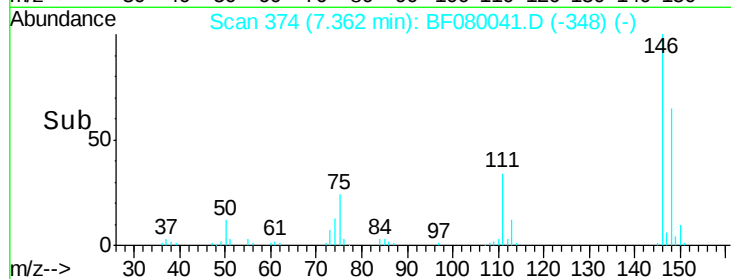
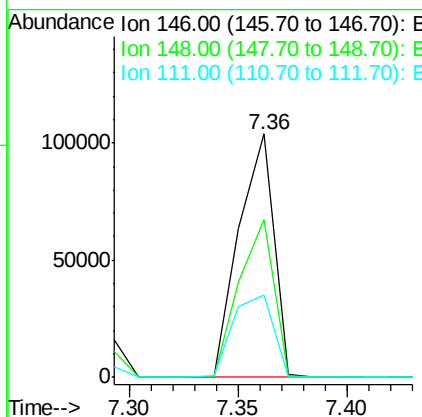
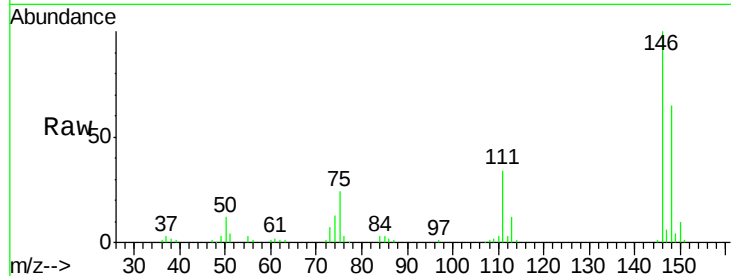
#13
 1,4-Dichlorobenzene
 Concen: 35.58 ng
 RT: 7.36 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	34.0	24.9	37.3

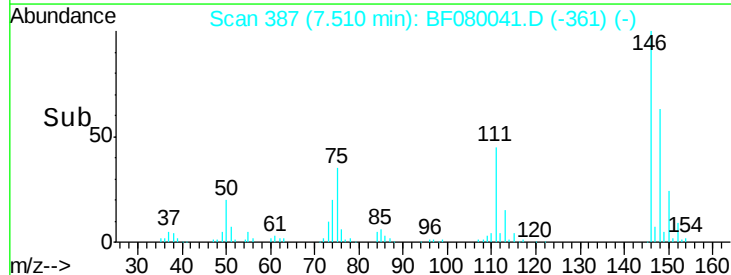
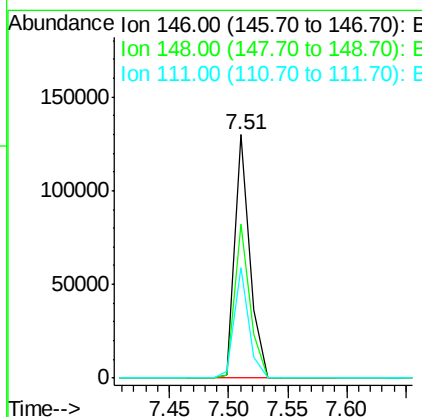
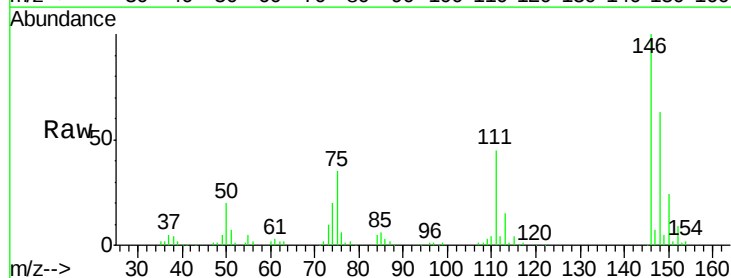
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 36.52 ng m
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.7	79.1
111	45.3	28.8	43.2#





#15

Benzyl Alcohol

Concen: 38.16 ng

RT: 7.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

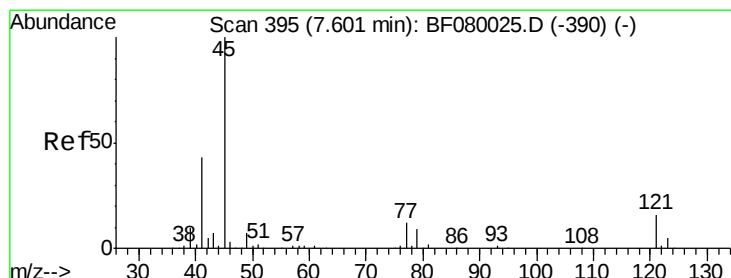
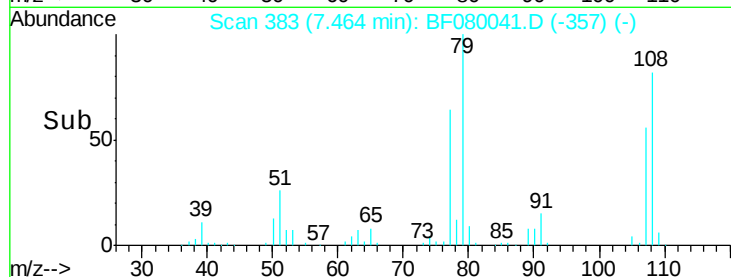
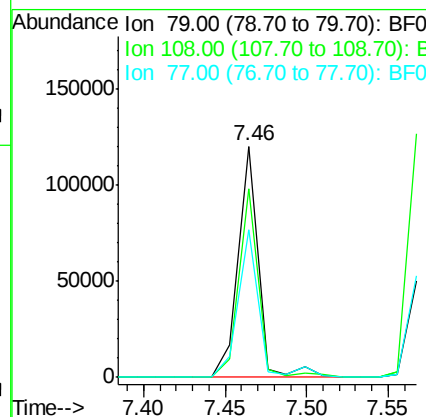
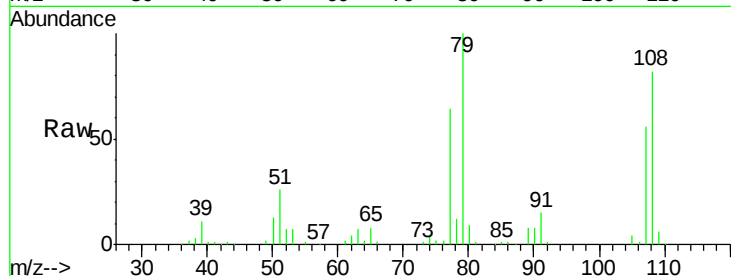
NC-HC-001MSD

Tgt Ion: 79 Resp: 102116
Ion Ratio Lower Upper

79	100		
108	81.6	88.6	132.8#
77	63.7	47.0	70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.54 ng

RT: 7.60 min Scan# 395

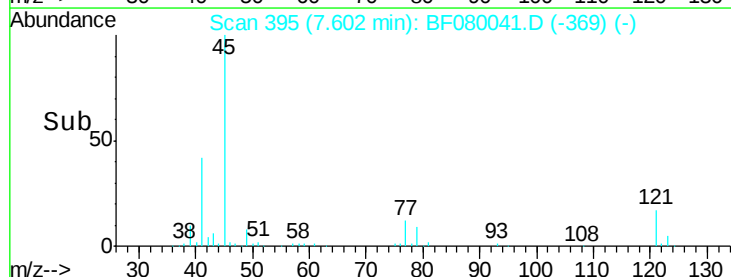
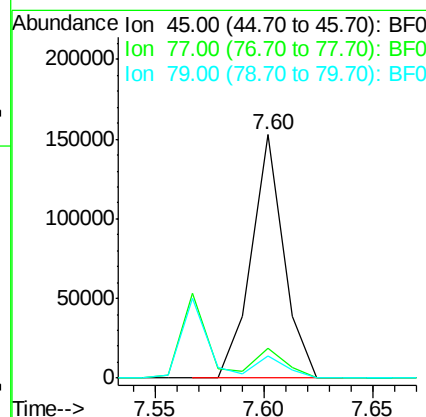
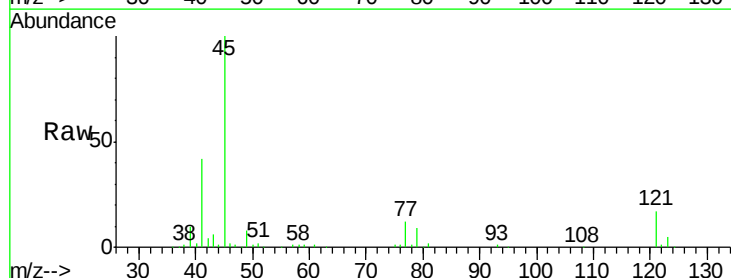
Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion: 45 Resp: 157873
Ion Ratio Lower Upper

45	100		
77	12.4	0.0	28.1
79	9.0	0.0	26.0





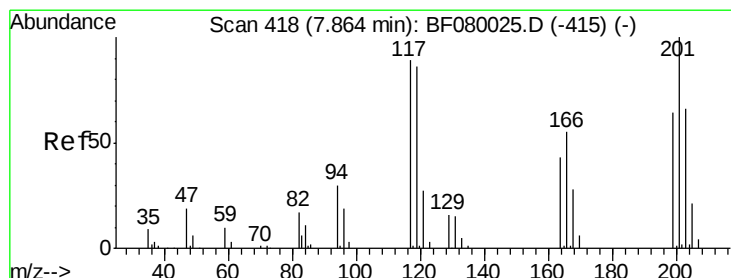
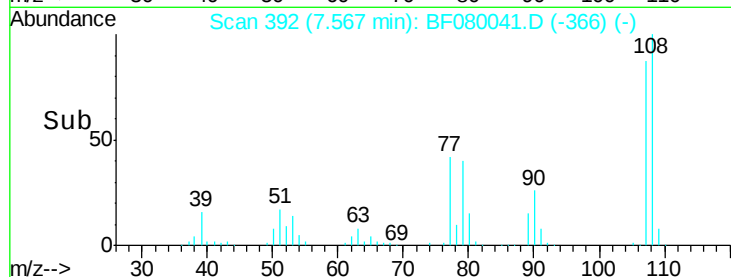
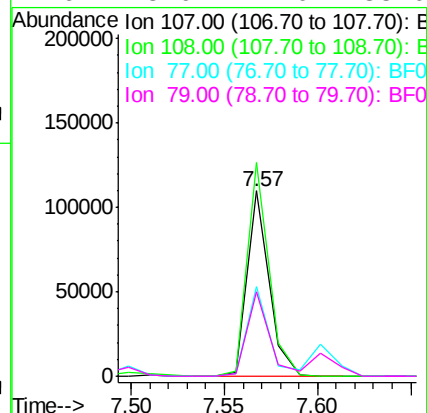
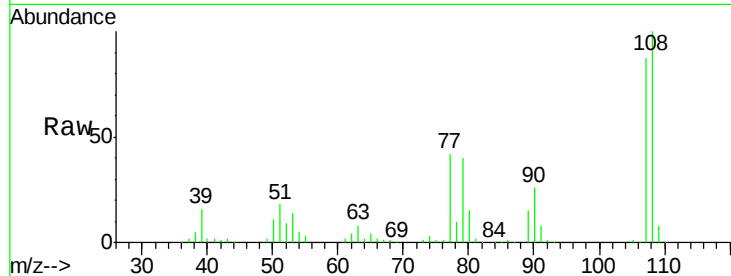
#17
2-Methylphenol
Concen: 37.00 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	89828		
108	115.2	96.6	145.0	
77	48.3	23.3	34.9	
79	45.9	22.0	33.0	

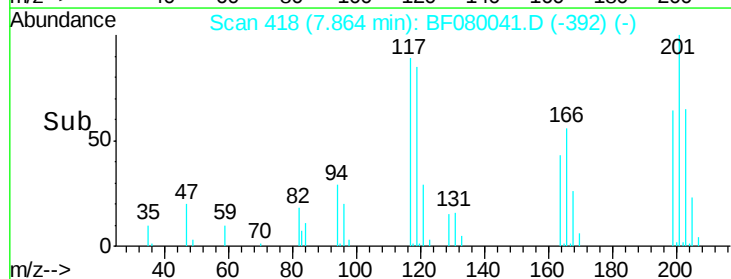
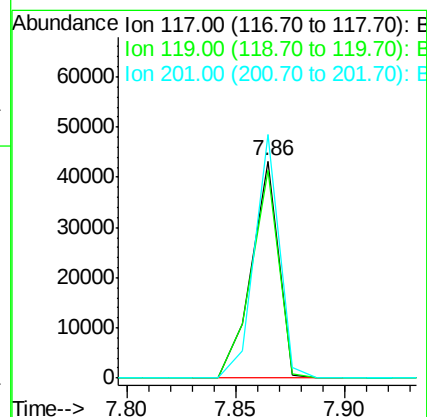
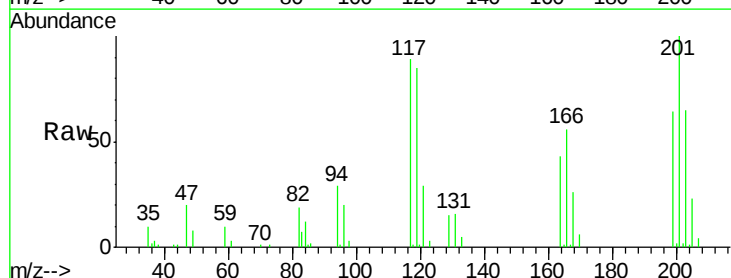
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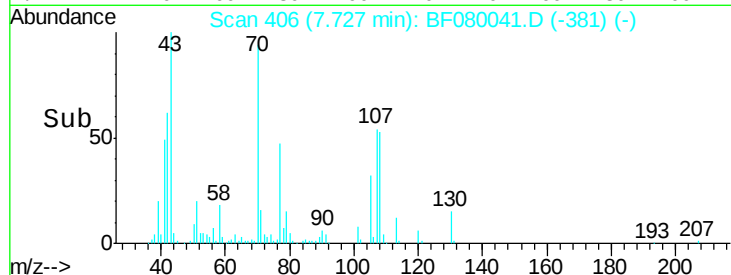
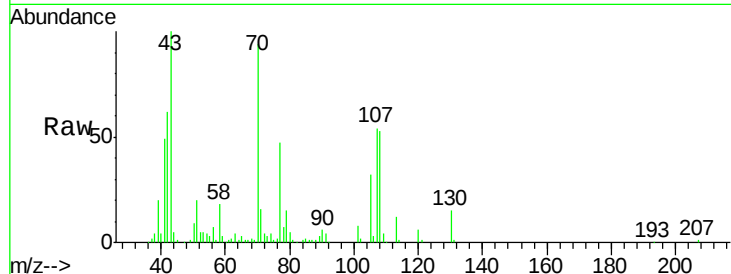
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#18
Hexachloroethane
Concen: 34.69 ng
RT: 7.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37510		
119	95.5	83.8	125.6	
201	112.1	55.1	82.7	





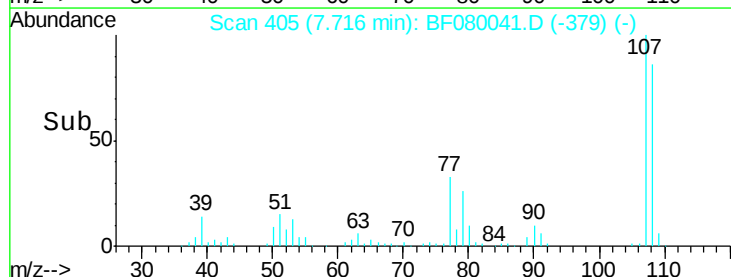
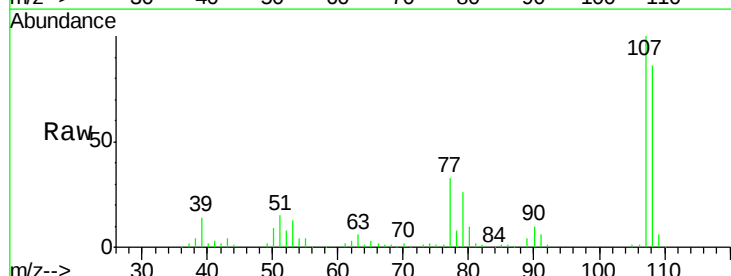
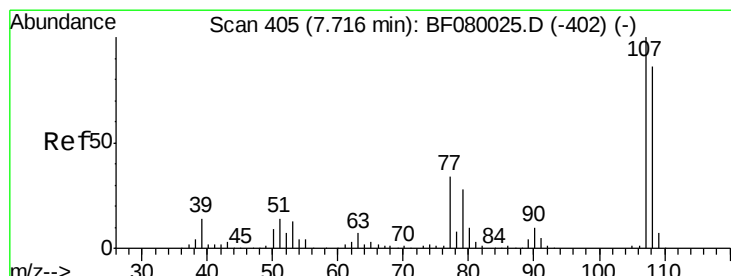
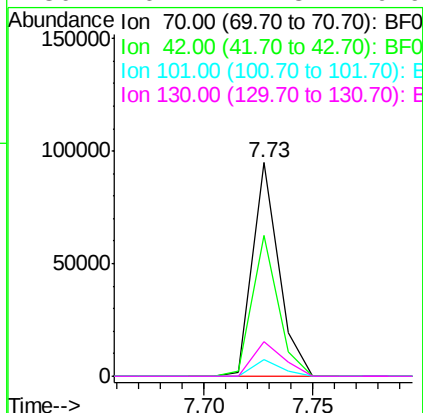
#19
n-Nitroso-di-n-propylamine
Concen: 35.05 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

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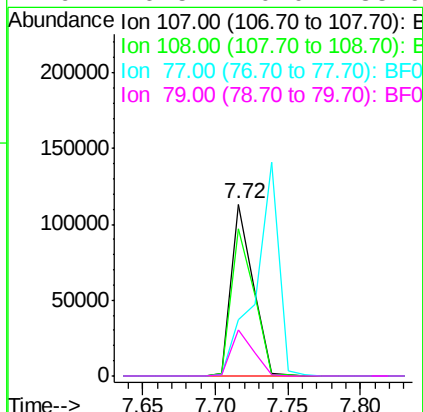
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.8	63.8	95.6
101	8.0	9.2	13.8#
130	16.1	27.3	40.9#



#20
3+4-Methylphenols
Concen: 37.78 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	74.6	114.6
77	33.0	0.7	40.7
79	26.5	0.0	38.9





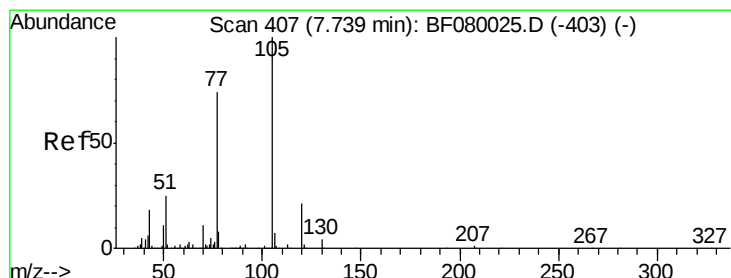
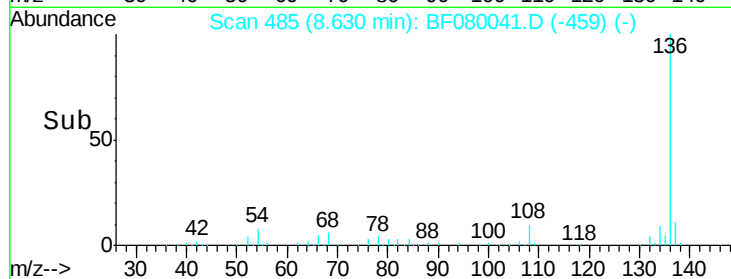
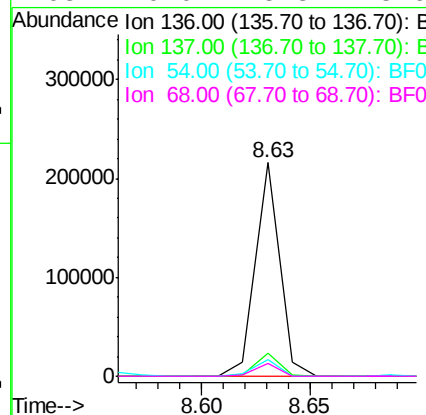
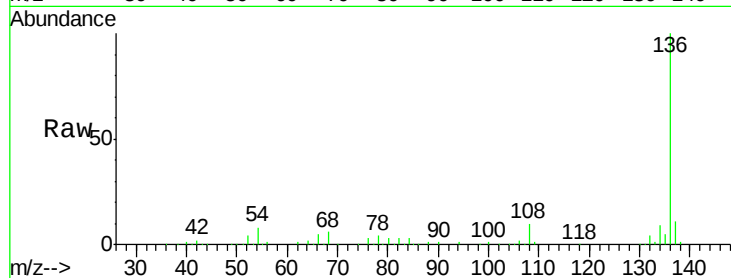
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.0	13.6
54	7.8	8.2	12.2
68	6.0	5.8	8.6

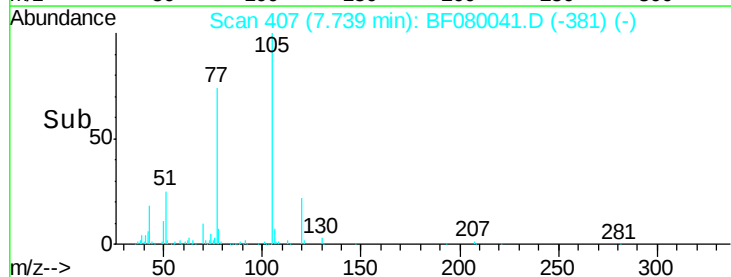
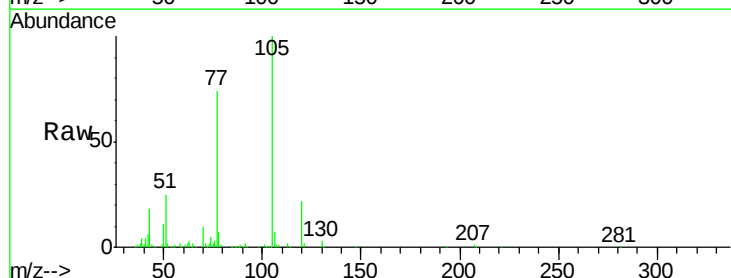
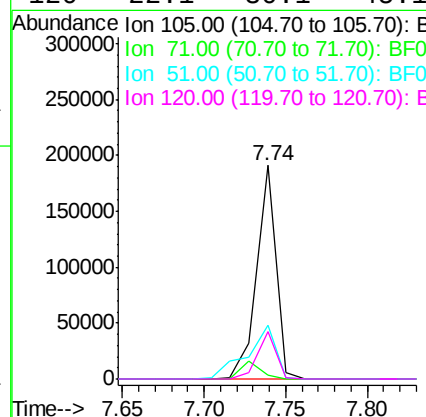
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#22
Acetophenone
Concen: 40.37 ng
RT: 7.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.6	4.7	7.1
51	25.1	22.0	33.0
120	22.1	30.1	45.1





#23

Nitrobenzene-d5

Concen: 85.79 ng

RT: 7.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion: 82 Resp: 247264
Ion Ratio Lower Upper

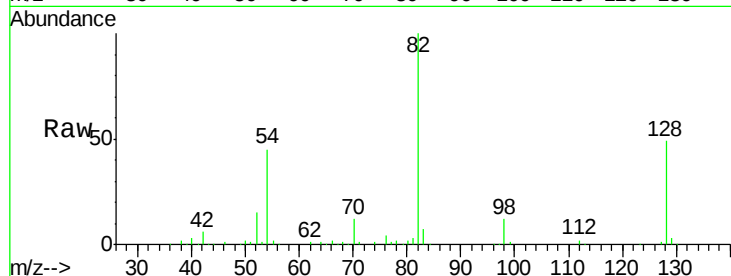
82 100

128 49.3 51.0 76.6#

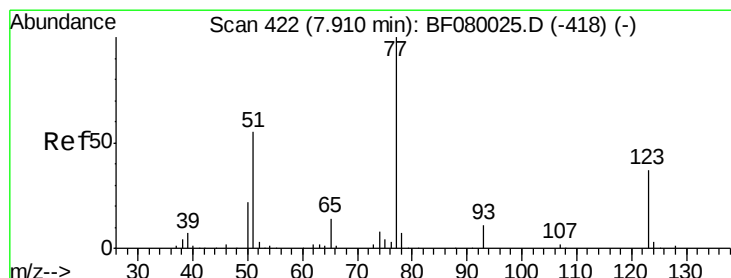
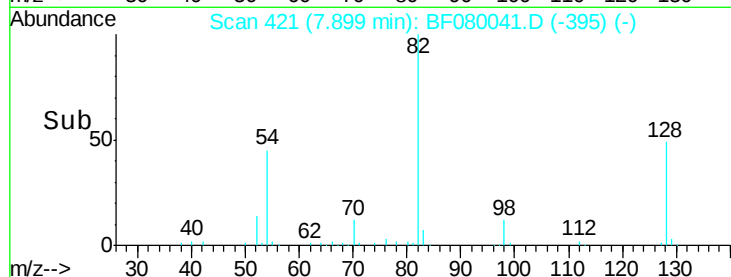
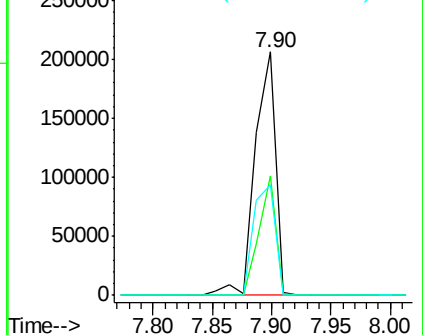
54 45.1 47.5 71.3#

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



#24

Nitrobenzene

Concen: 38.19 ng

RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF080041.D

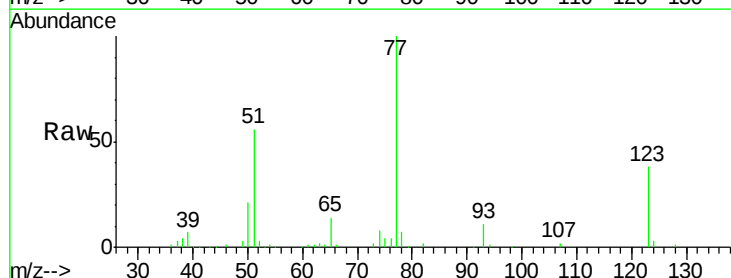
Acq: 18 Jun 2015 00:23

Tgt Ion: 77 Resp: 113617
Ion Ratio Lower Upper

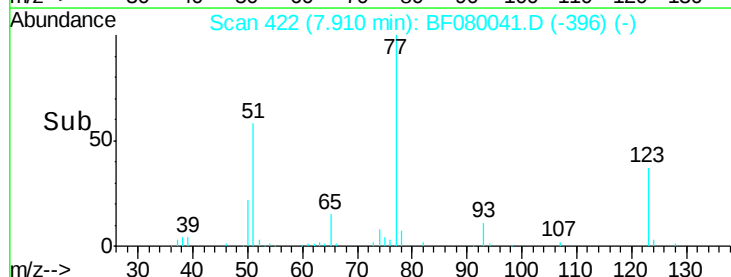
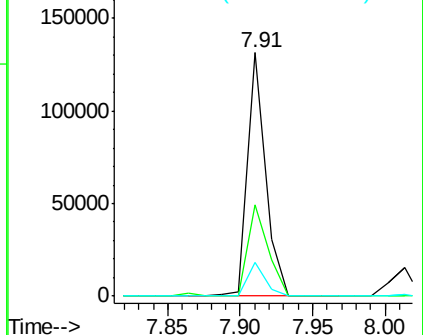
77 100

123 37.7 59.8 89.8#

65 14.0 10.2 15.4



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





#25

Isophorone

Concen: 39.30 ng

RT: 8.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

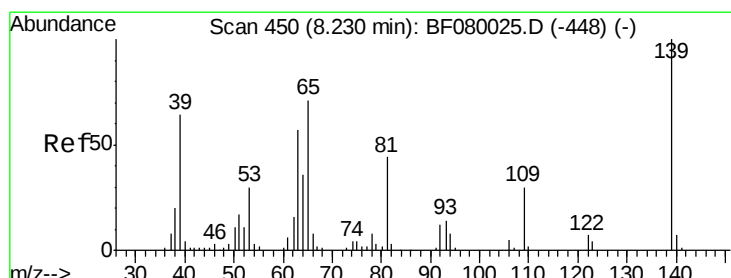
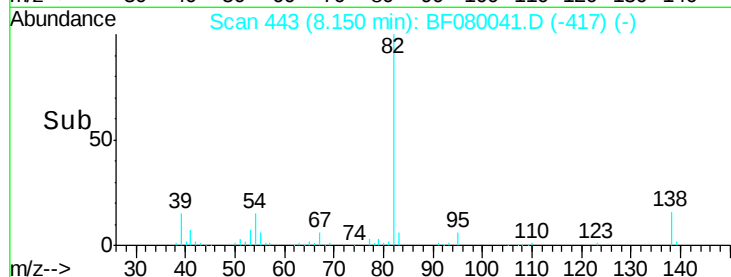
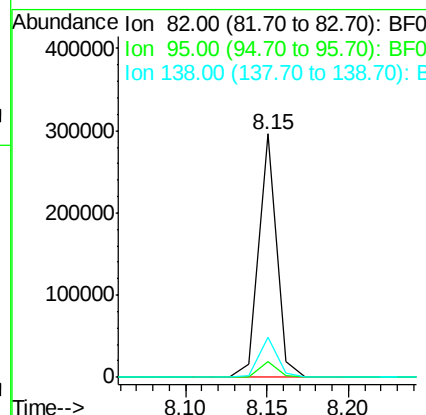
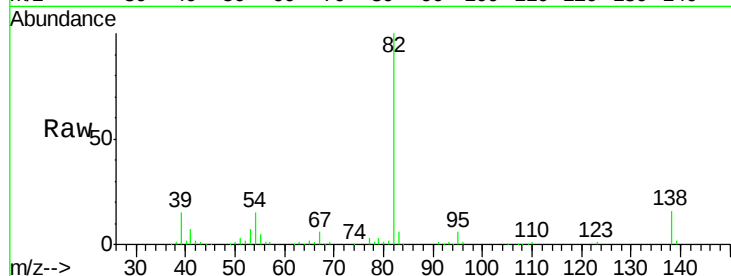
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	82	Resp:	227935
Ion Ratio		Lower	Upper
82	100		
95	6.4	4.0	6.0#
138	16.2	18.3	27.5#

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#26

2-Nitrophenol

Concen: 39.61 ng

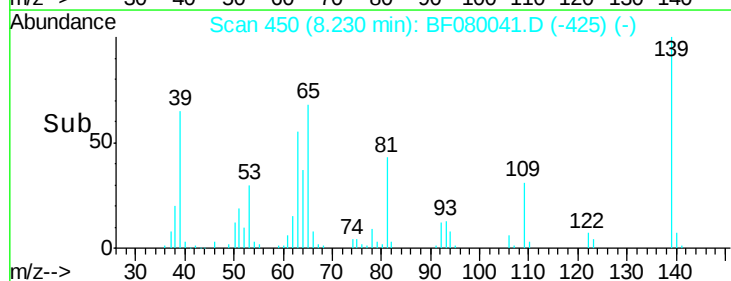
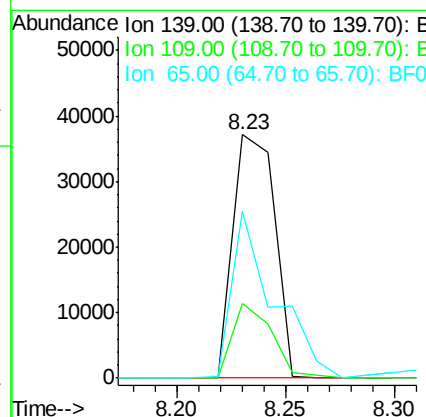
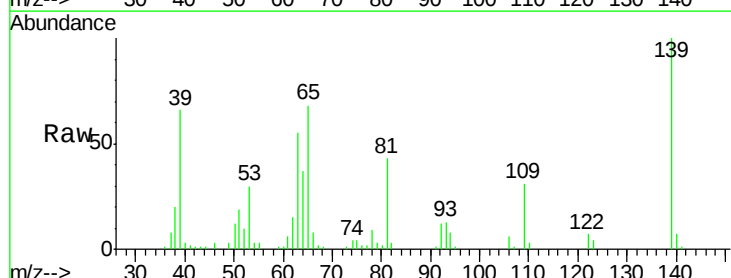
RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	139	Resp:	49320
Ion Ratio		Lower	Upper
139	100		
109	30.8	11.0	16.4#
65	68.5	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 37.80 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

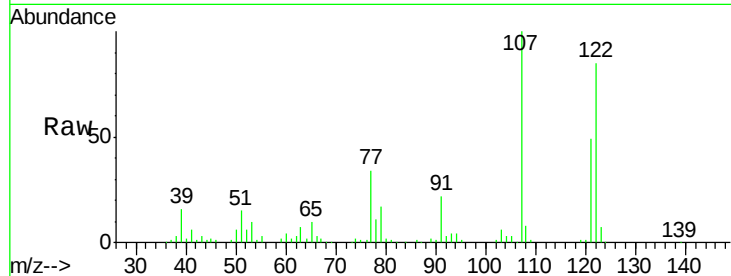
NC-HC-001MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98138		
107	117.9	71.8	107.6#	
121	57.8	42.3	63.5	

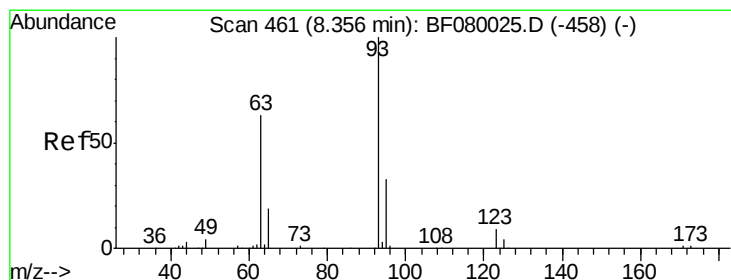
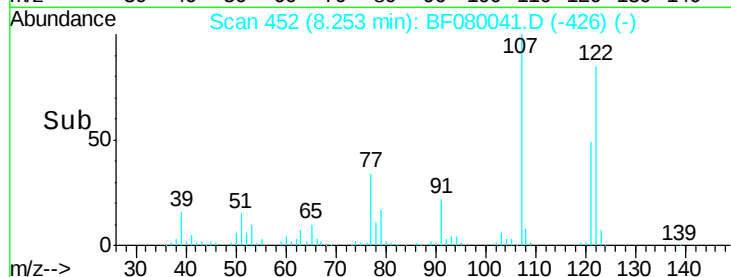
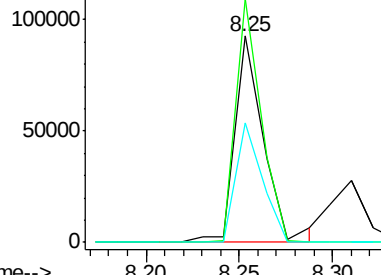


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.10 ng

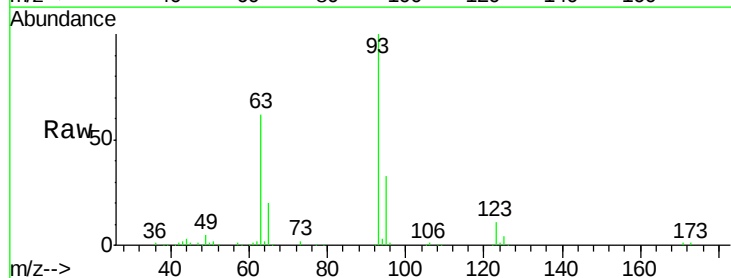
RT: 8.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	136655		
95	33.0	27.5	41.3	
123	11.1	13.7	20.5#	

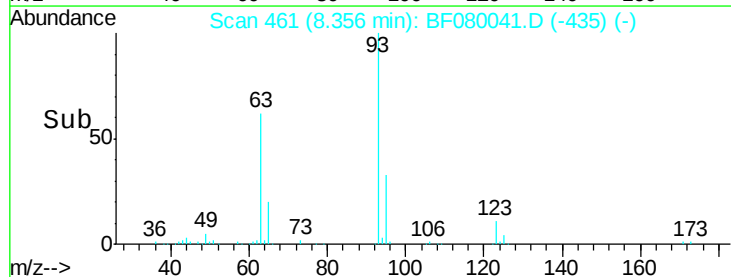
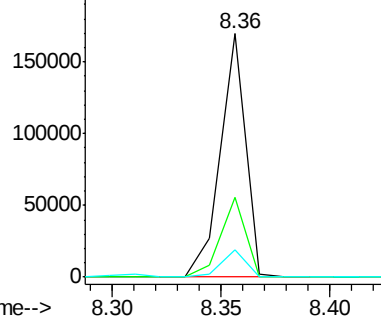


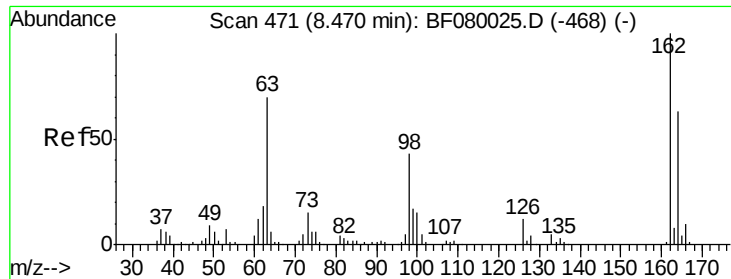
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





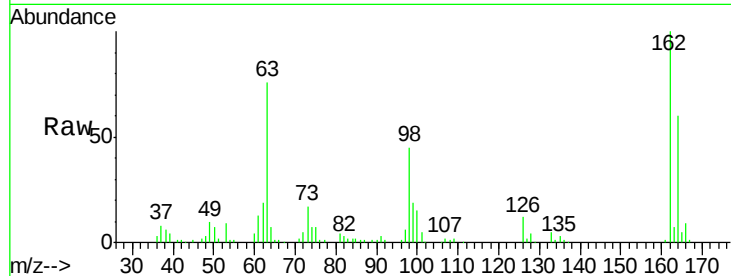
#29
 2,4-Dichlorophenol
 Concen: 40.64 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

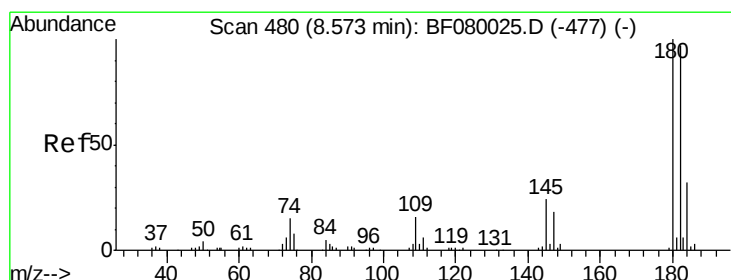
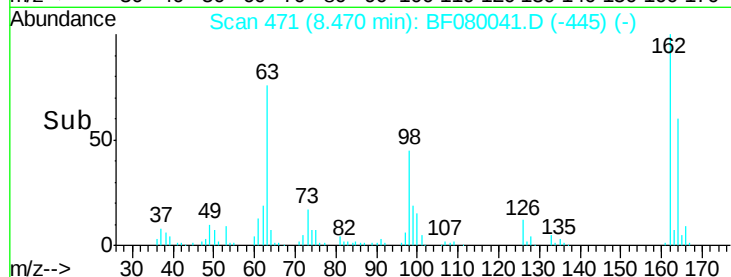
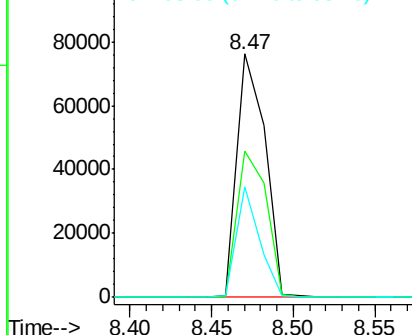
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	90369		
164	60.2	44.9	84.9	
98	45.1	13.0	53.0	

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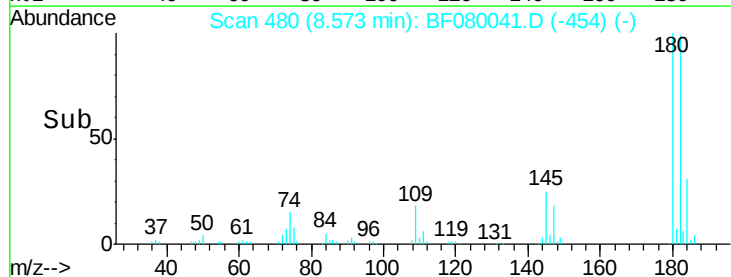
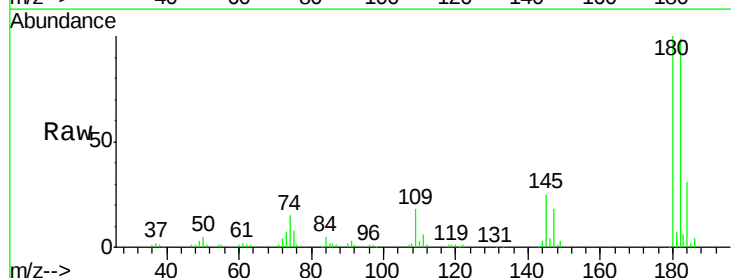
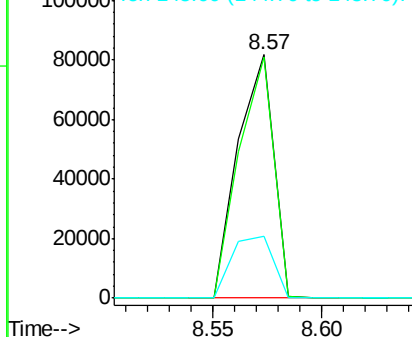
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.97 ng
 RT: 8.57 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93365		
182	99.2	77.1	115.7	
145	25.4	23.3	34.9	

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





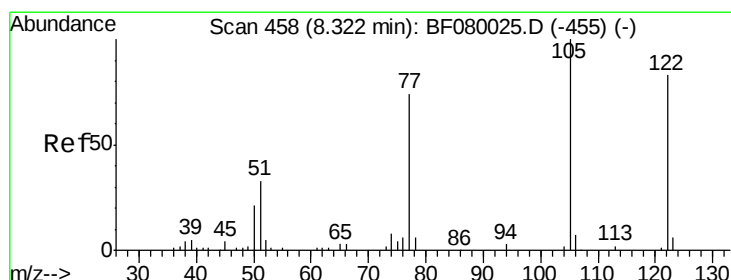
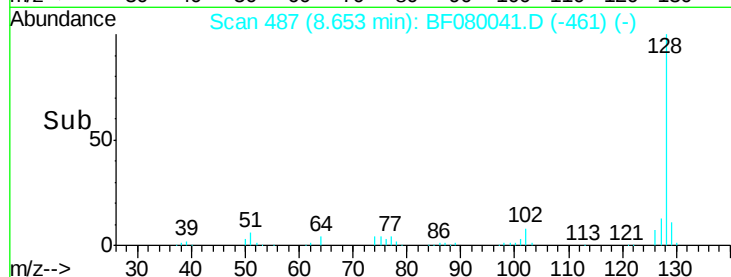
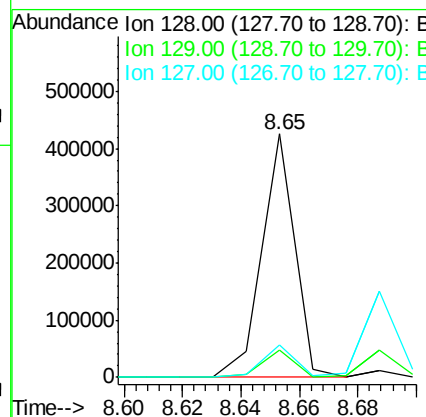
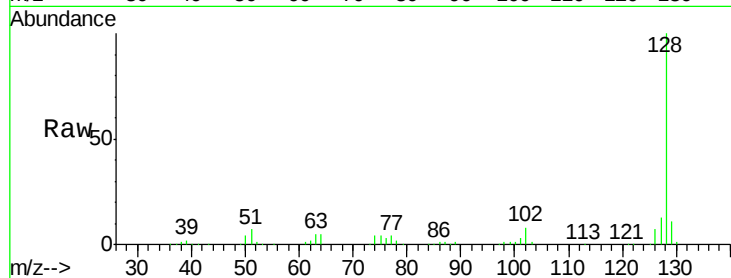
#31
Naphthalene
Concen: 38.09 ng m
RT: 8.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	334176		
129	11.0	8.4	12.6	
127	13.1	9.9	14.9	

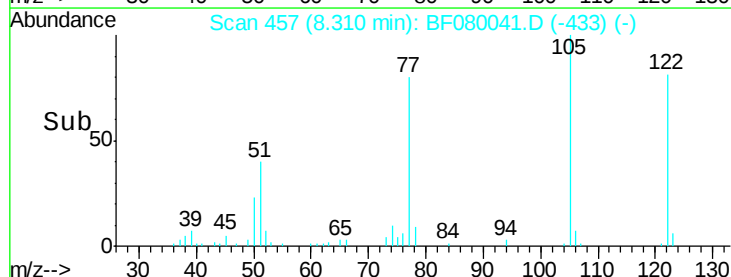
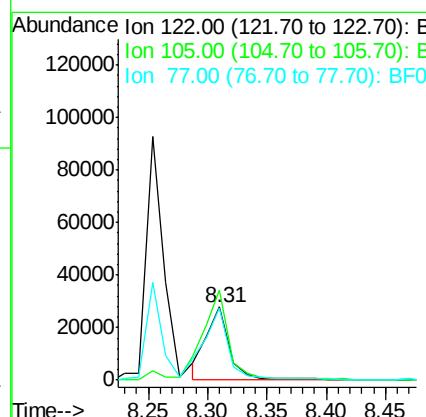
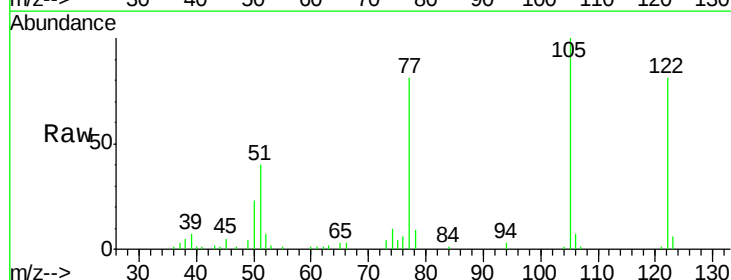
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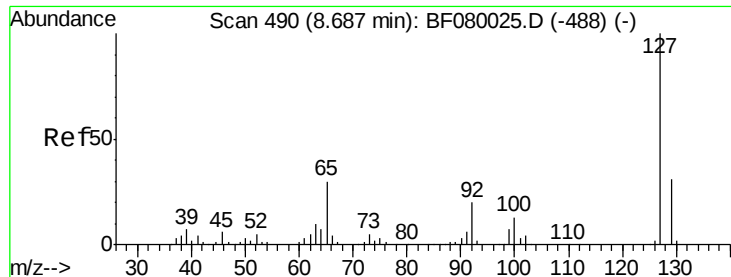
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#32
Benzoic acid
Concen: 24.67 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	38723		
105	123.2	76.1	116.1#	
77	99.5	40.5	80.5#	





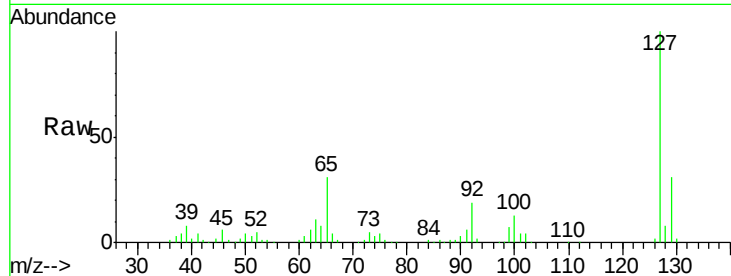
#33
4-Chloroaniline
Concen: 32.05 ng m
RT: 8.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

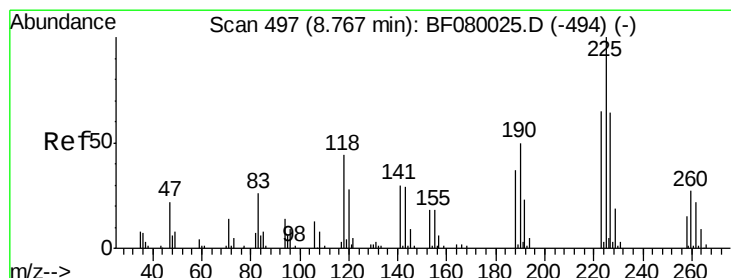
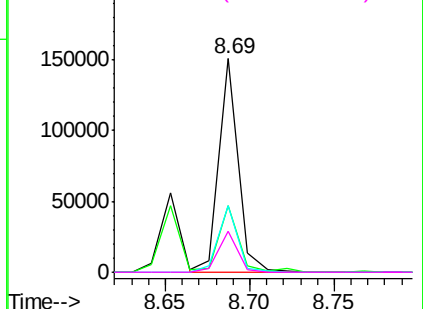
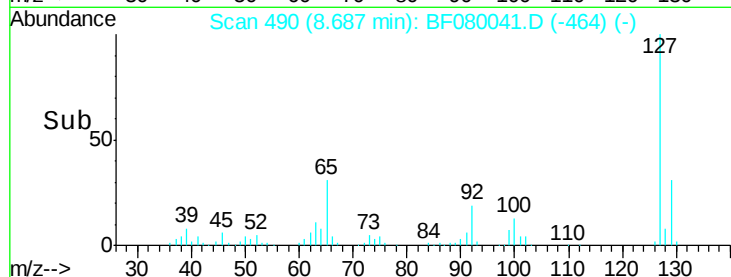
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	120342		
129	31.3	25.8	38.6	
65	31.3	17.9	26.9	
92	19.2	10.5	15.7	

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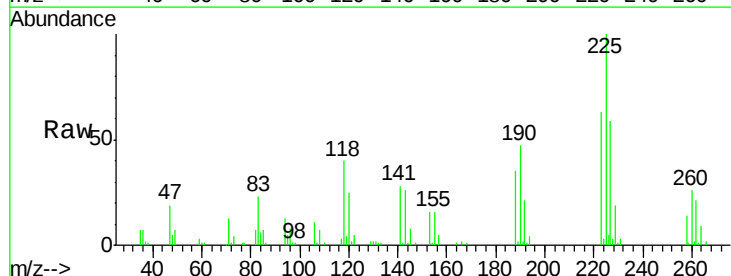


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

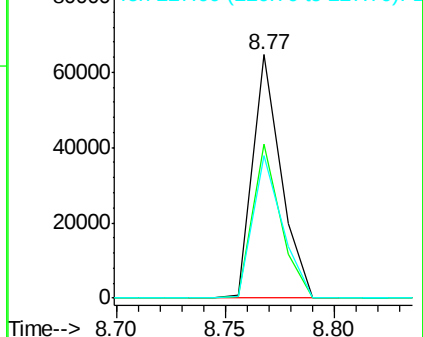
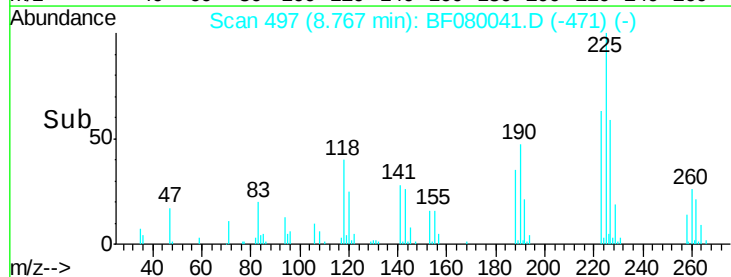


#34
Hexachlorobutadiene
Concen: 37.54 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58379		
223	63.0	50.2	75.2	
227	58.6	52.2	78.2	



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





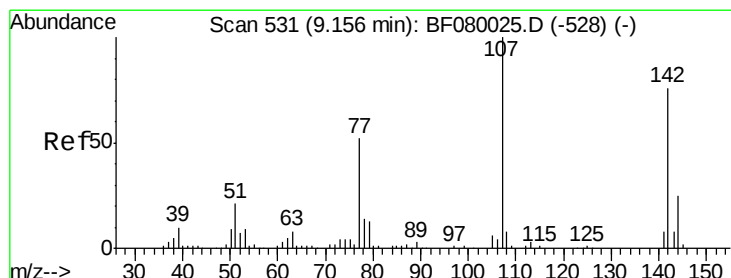
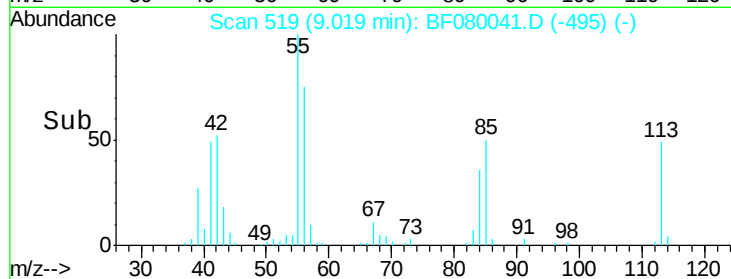
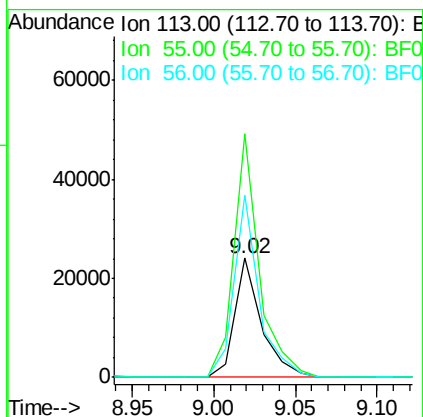
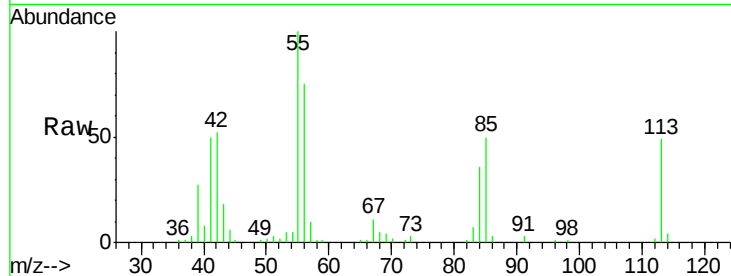
#35
 Caprolactam
 Concen: 37.51 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion:113 Resp: 27075
 Ion Ratio Lower Upper
 113 100
 55 204.5 152.4 192.4#
 56 153.0 104.6 144.6#

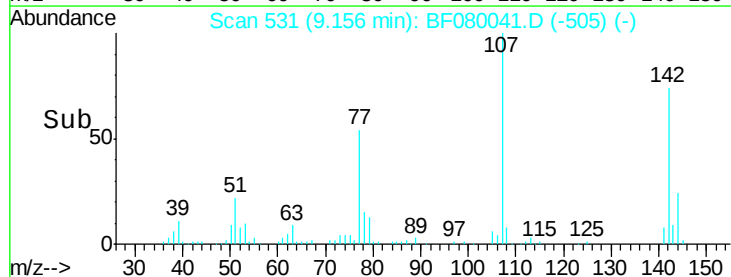
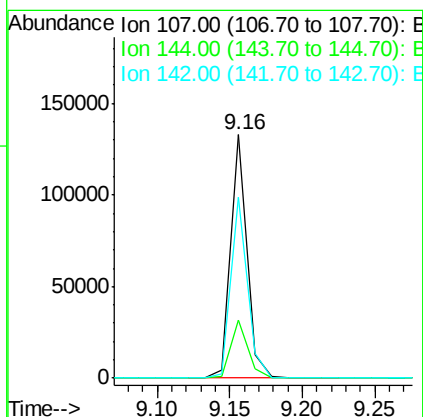
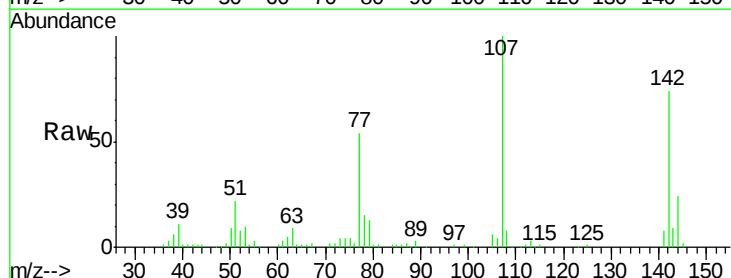
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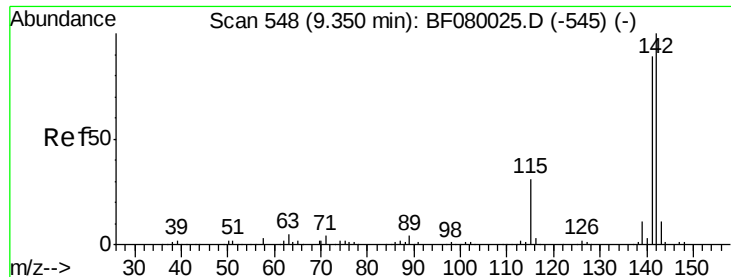
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#36
 4-Chloro-3-methylphenol
 Concen: 41.39 ng
 RT: 9.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion:107 Resp: 103807
 Ion Ratio Lower Upper
 107 100
 144 24.0 25.4 38.0#
 142 74.4 77.3 115.9#





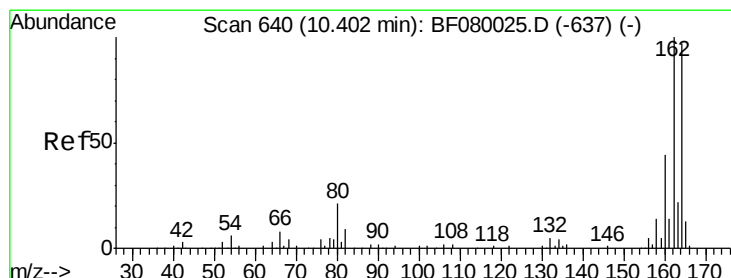
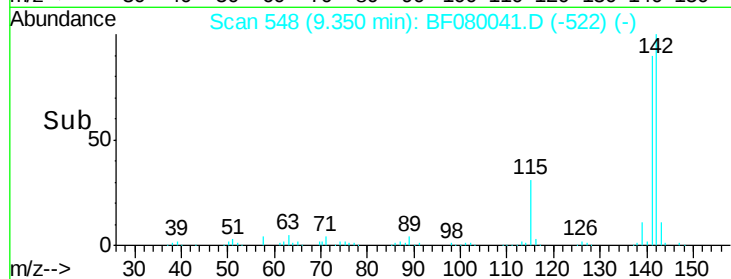
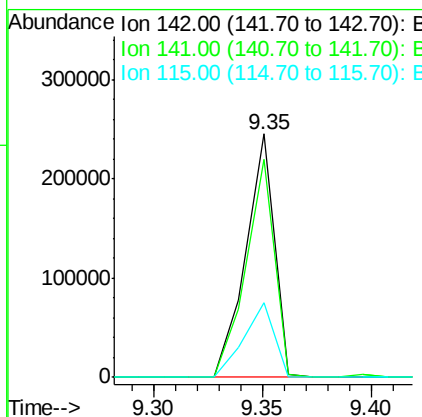
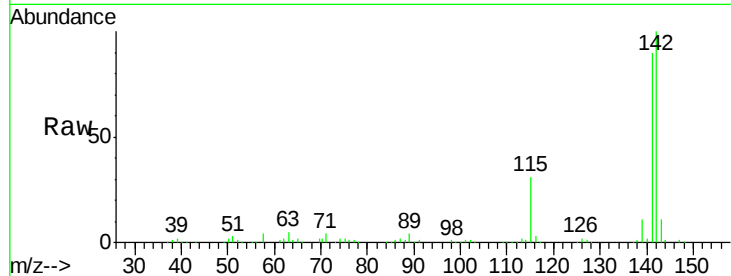
#37
 2-Methylnaphthalene
 Concen: 39.43 ng
 RT: 9.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	223767		
141	89.6	67.5	101.3	
115	30.5	18.2	27.2#	

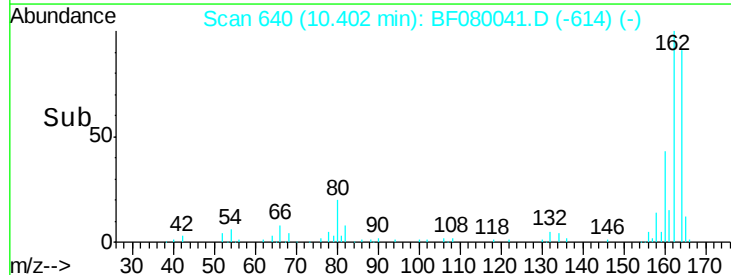
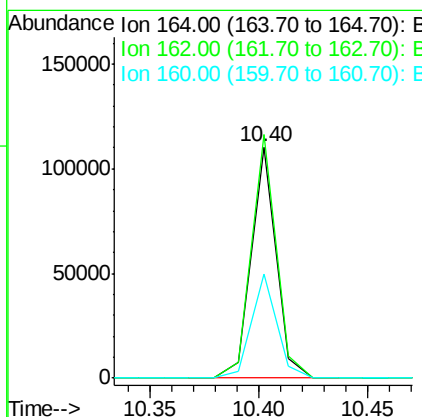
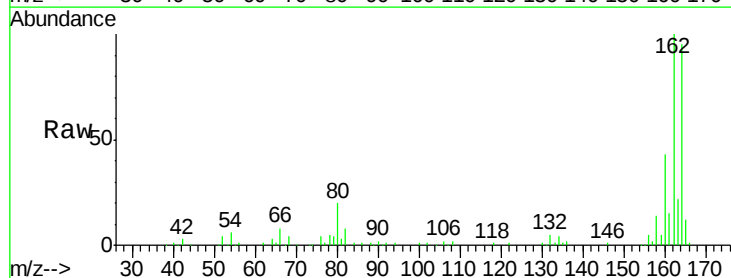
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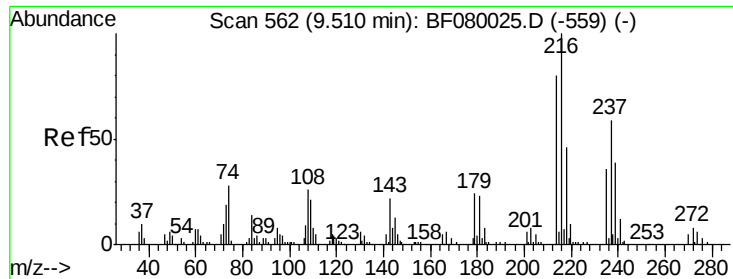
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87171		
162	105.5	75.2	112.8	
160	45.3	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.46 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080041.D

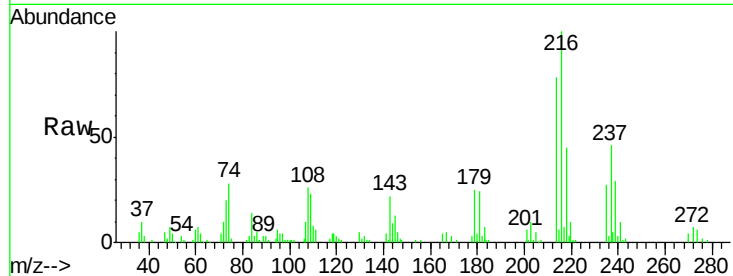
Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

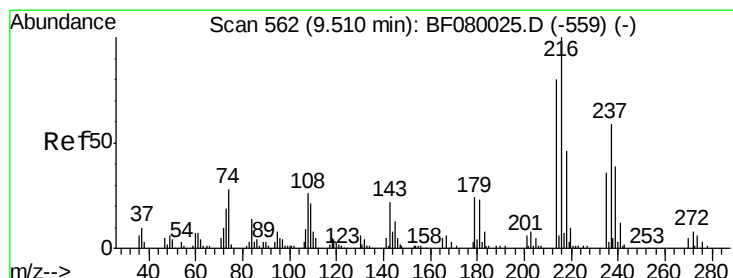
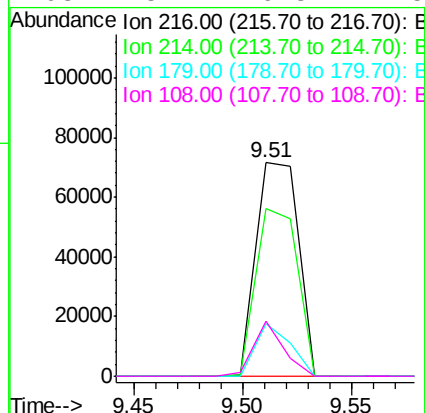
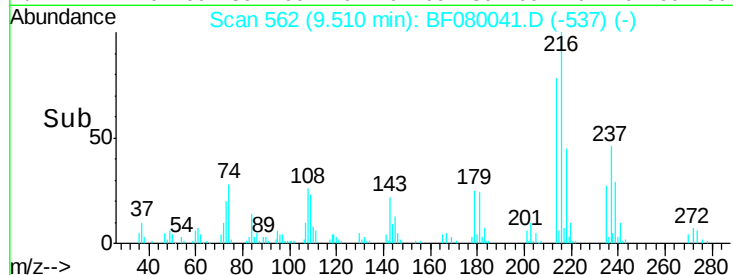
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		97554		
214	76.6	63.5	95.3		
179	20.2	16.6	24.8		
108	18.4	16.3	24.5		

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#40

Hexachlorocyclopentadiene

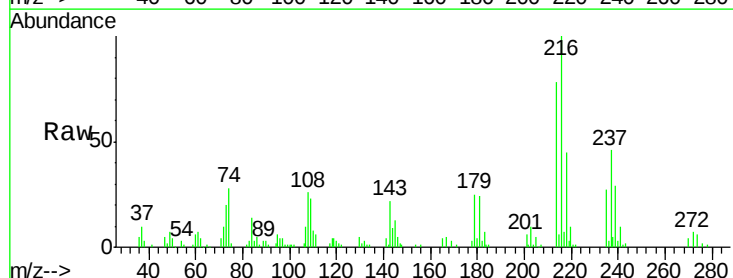
Concen: 31.93 ng

RT: 9.51 min Scan# 562

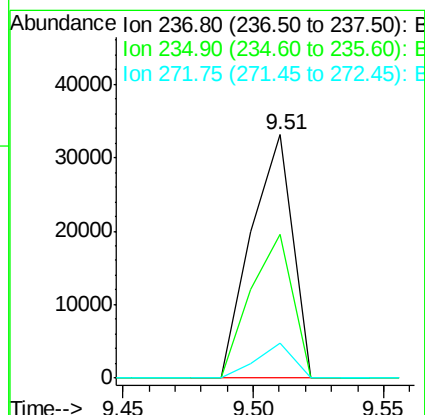
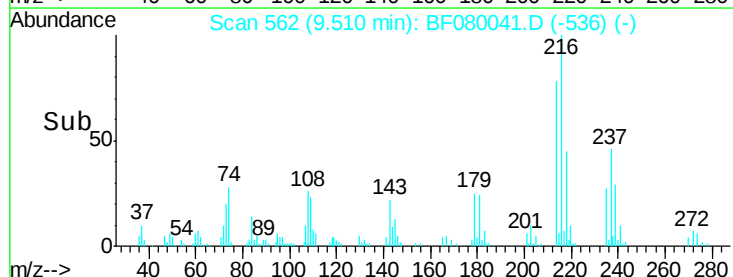
Delta R.T. 0.00 min

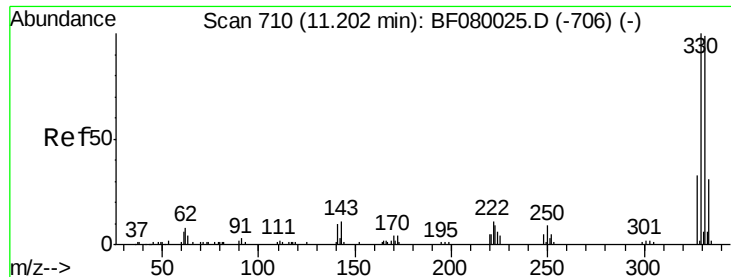
Lab File: BF080041.D

Acq: 18 Jun 2015 00:23



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		36358		
235	59.2	42.0	82.0		
272	14.4	0.0	36.1		





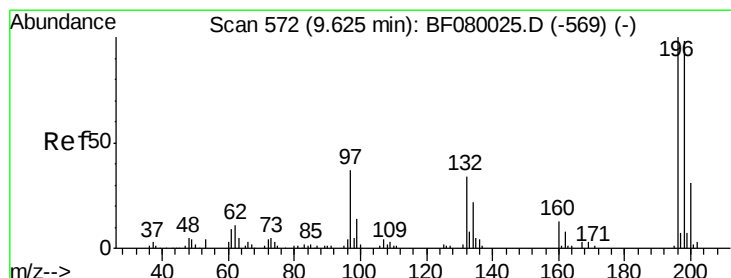
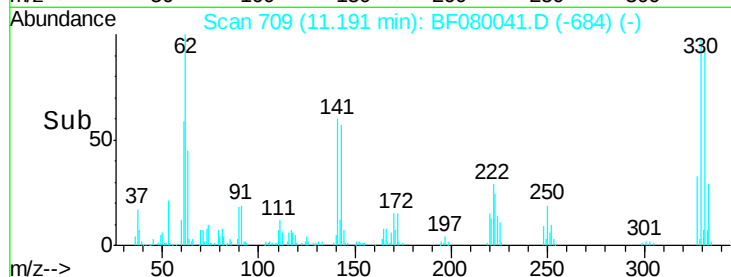
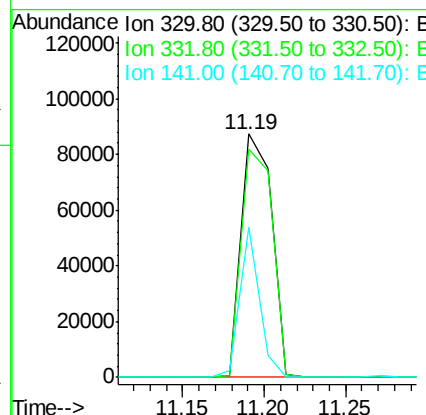
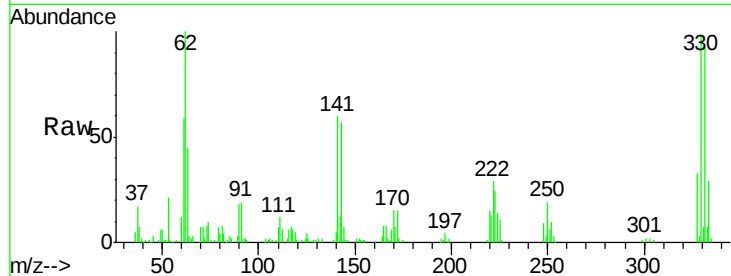
#41
 2,4,6-Tribromophenol
 Concen: 132.27 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	39.2	29.7	44.5

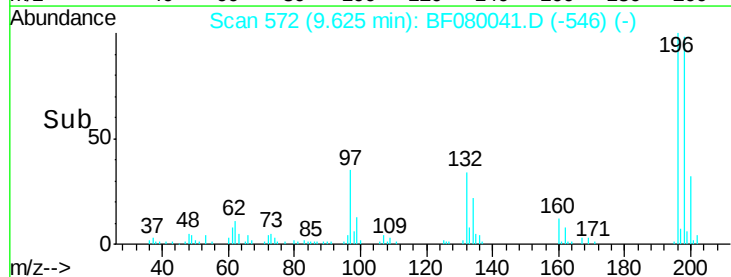
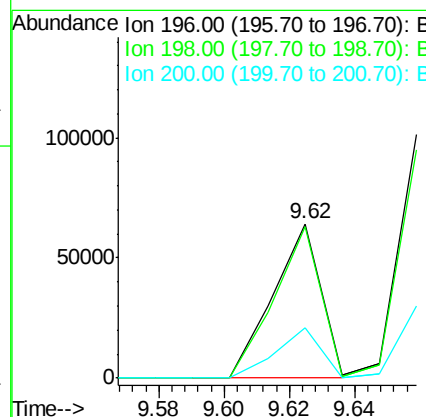
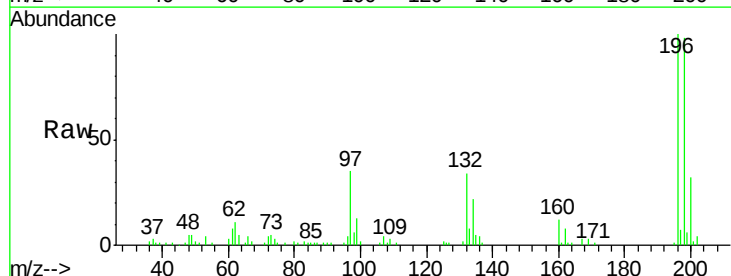
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#42
 2,4,6-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	32.4	23.9	35.9





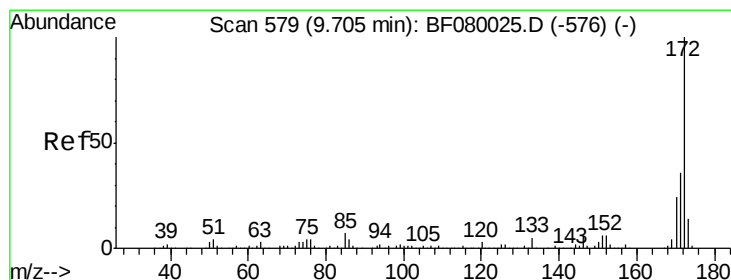
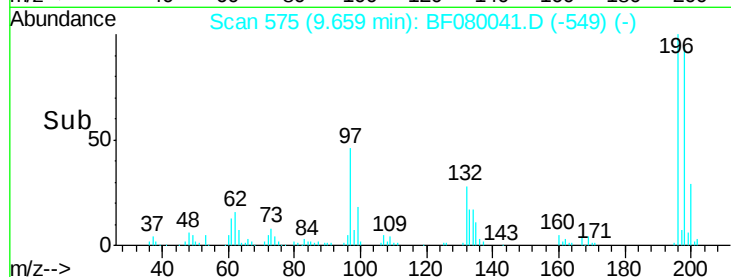
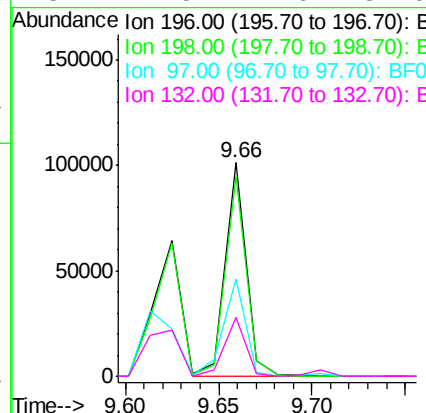
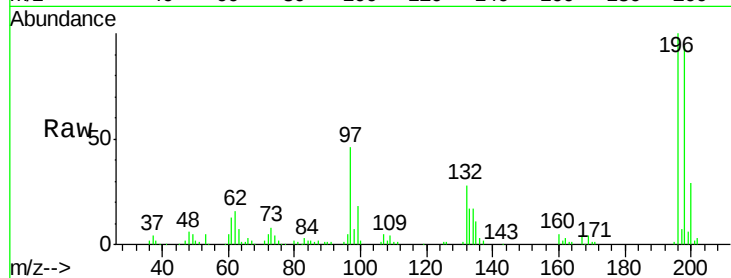
#43
 2,4,5-Trichlorophenol
 Concen: 39.86 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

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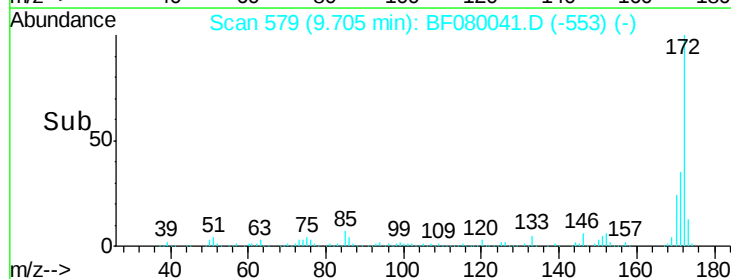
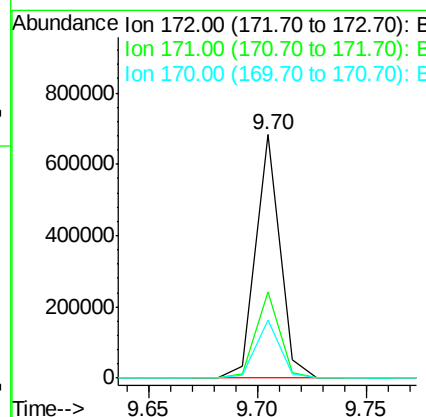
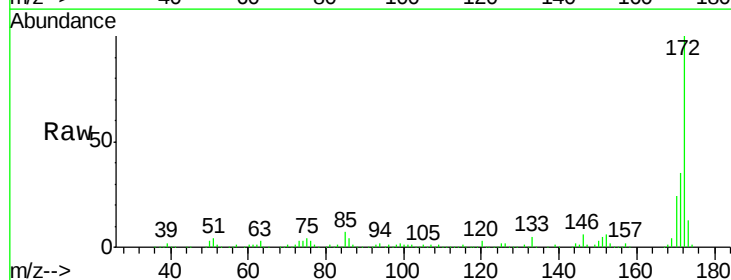
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Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79266		
198	93.7	75.4	113.0	
97	45.8	33.3	49.9	
132	27.8	24.6	37.0	



#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	526784		
171	35.4	26.1	39.1	
170	23.9	17.4	26.2	





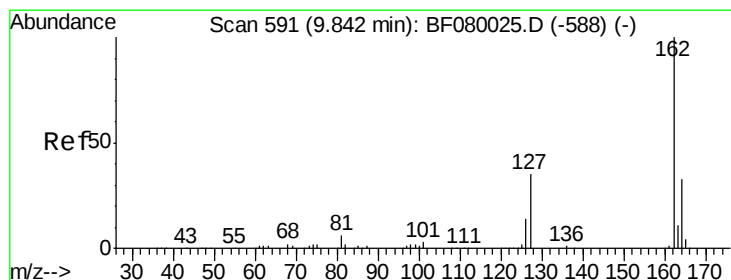
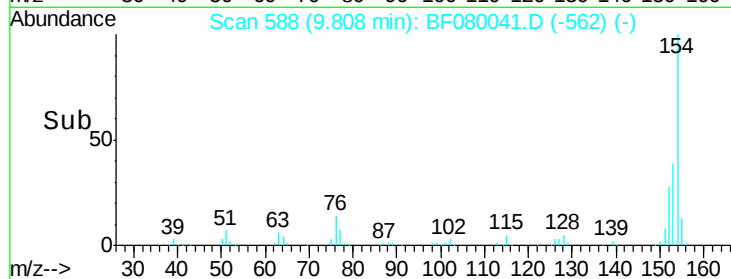
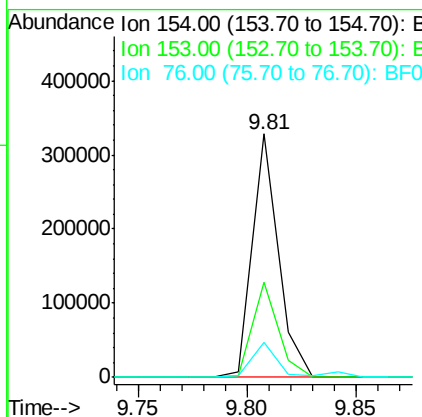
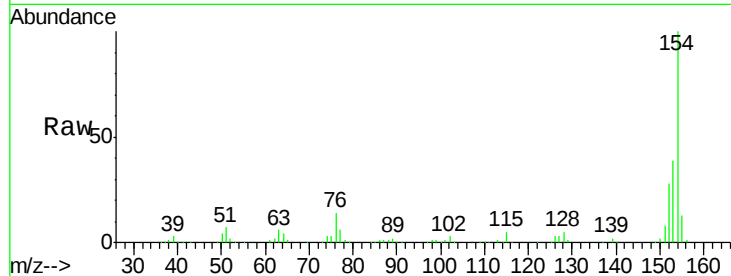
#45
 1,1'-Biphenyl
 Concen: 38.33 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.3	17.1	57.1
76	14.2	0.0	31.6

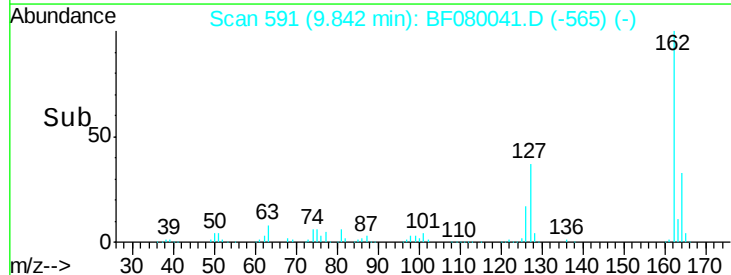
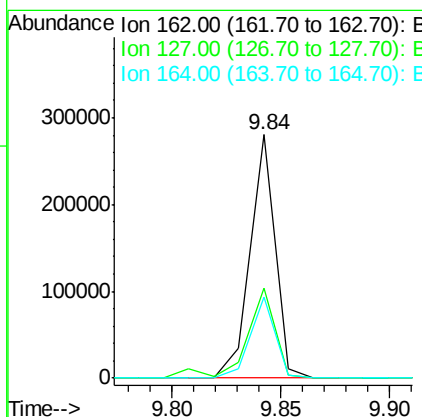
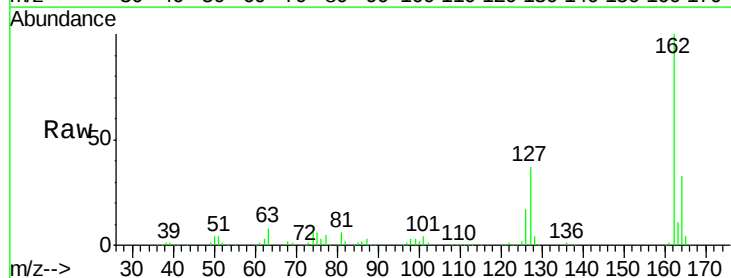
Manual Integrations
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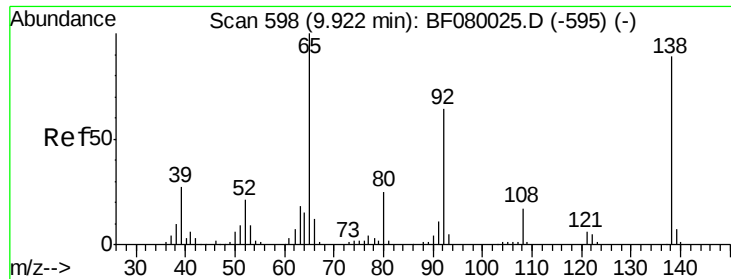
apatel
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#46
 2-Chloronaphthalene
 Concen: 38.83 ng
 RT: 9.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	37.1	27.6	41.4
164	33.4	25.4	38.2





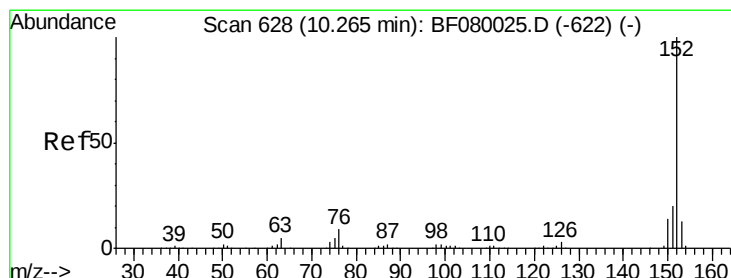
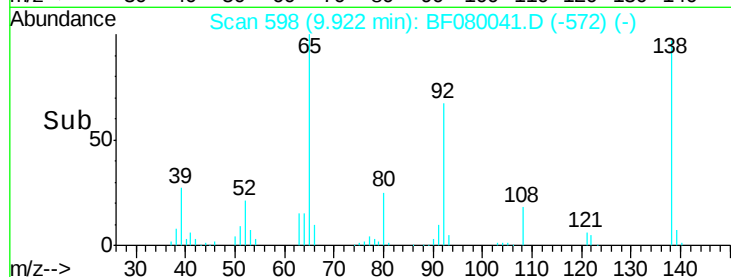
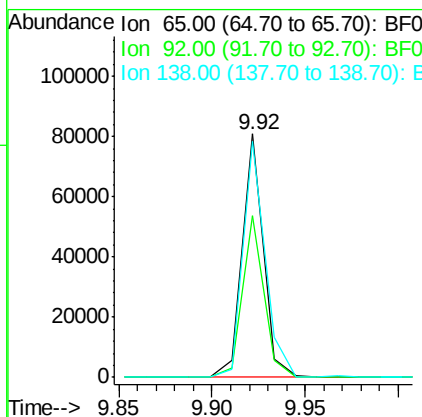
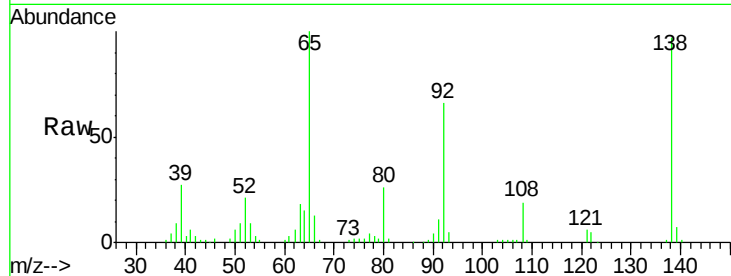
#47
2-Nitroaniline
Concen: 40.45 ng
RT: 9.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	55.4	83.0
138	96.9	115.5	173.3#

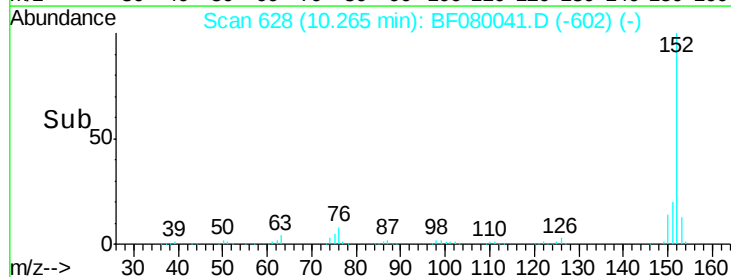
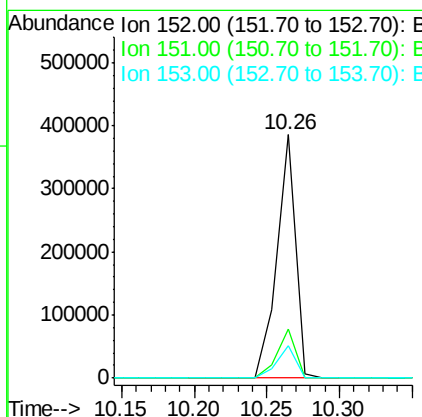
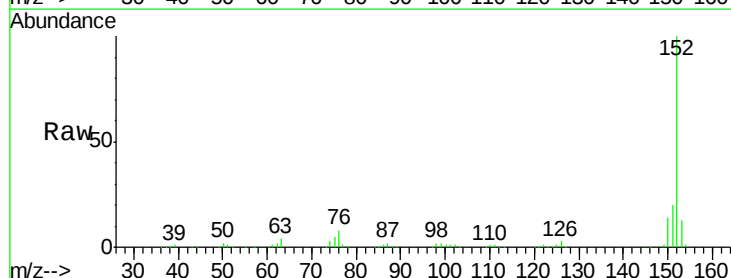
Manual Integrations
APPROVED

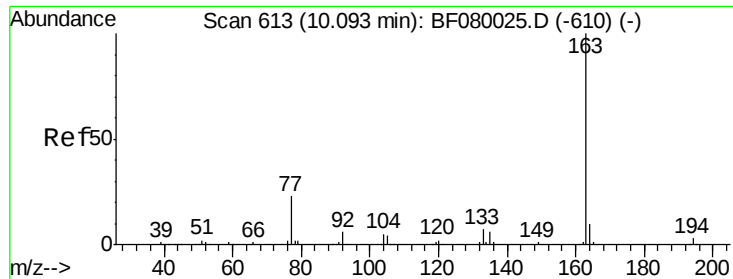
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#48
Acenaphthylene
Concen: 35.95 ng
RT: 10.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	13.2	10.3	15.5





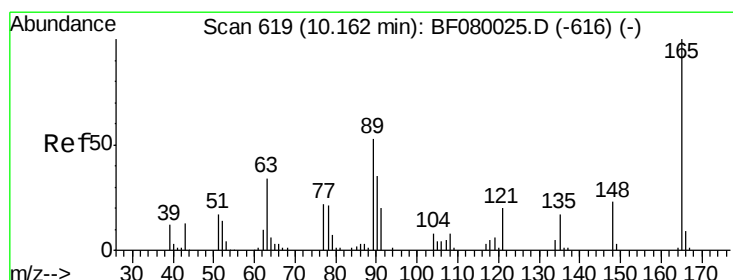
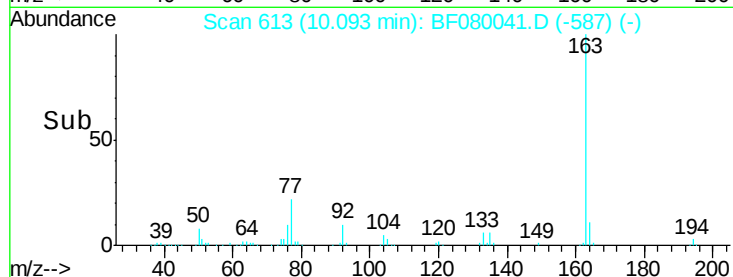
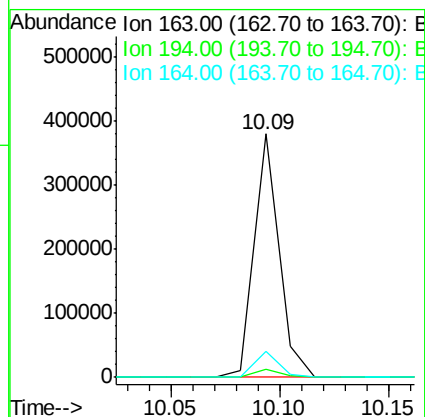
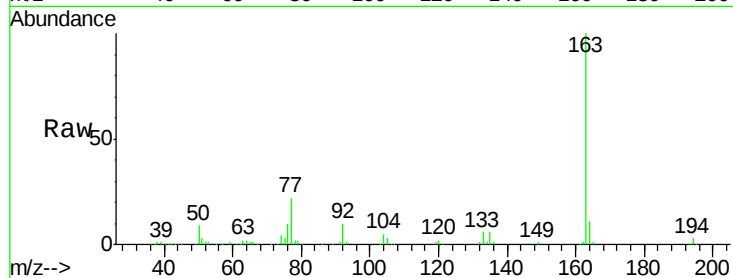
#49
Dimethylphthalate
Concen: 46.15 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	302418		
194	3.3	4.4	6.6#	
164	10.6	8.3	12.5	

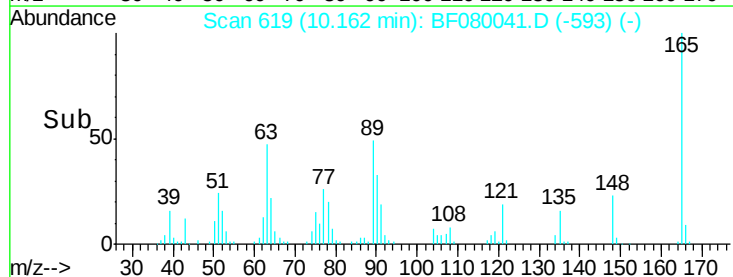
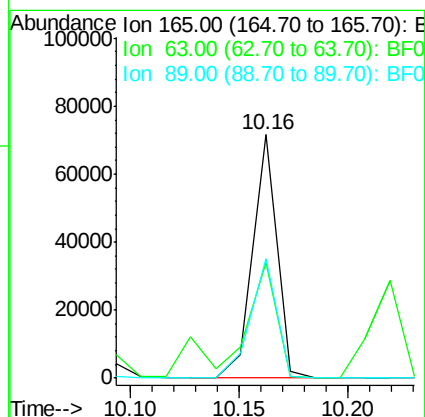
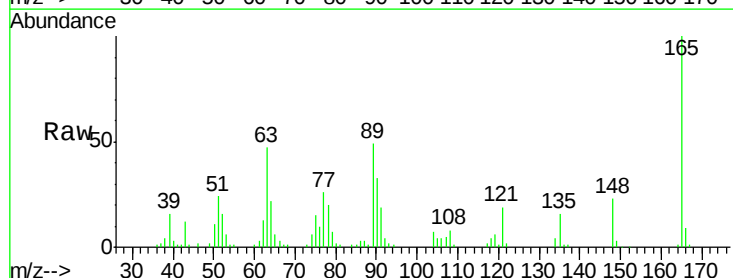
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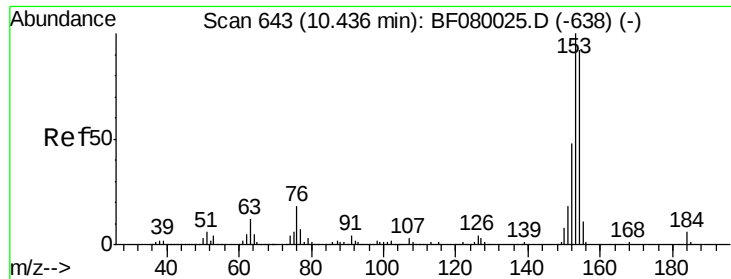
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#50
2,6-Dinitrotoluene
Concen: 42.06 ng
RT: 10.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	55260		
63	47.3	32.3	48.5	
89	48.9	28.6	43.0#	





#51

Acenaphthene

Concen: 38.16 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

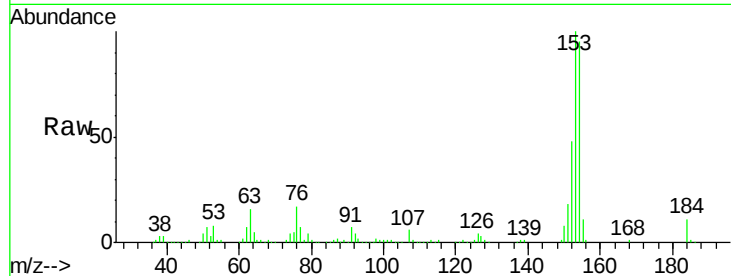
ClientSampleId :

NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	224202		
153	105.7	82.1	123.1	
152	51.2	37.9	56.9	

Manual Integrations
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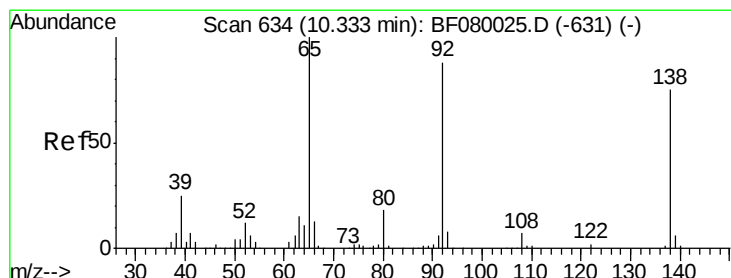
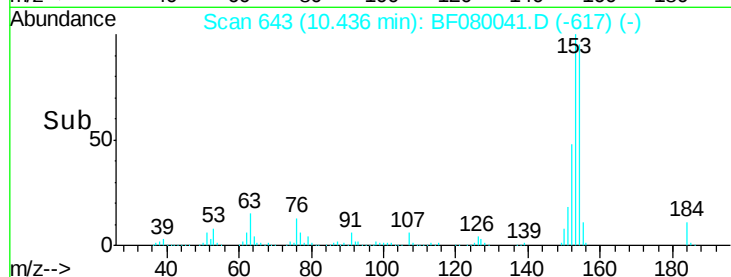
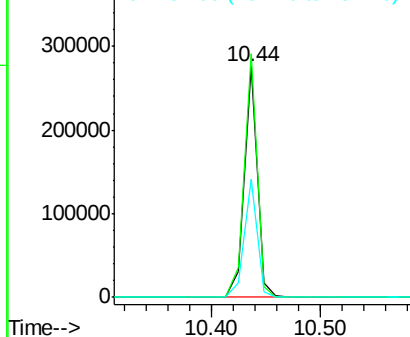
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.20 ng

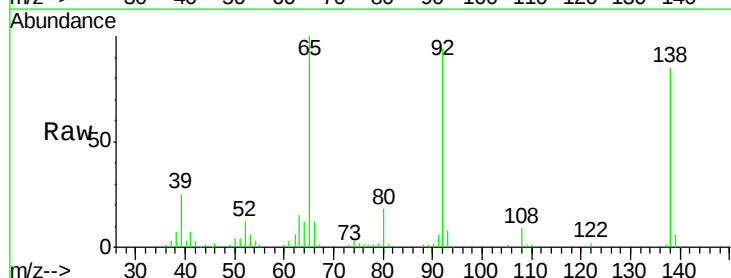
RT: 10.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

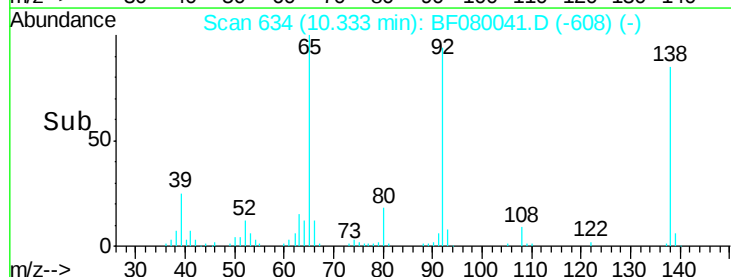
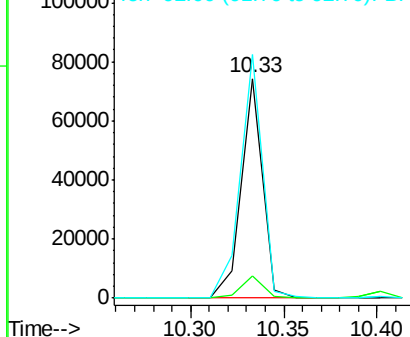
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	59430		
108	10.2	5.7	8.5#	
92	110.8	67.7	101.5#	

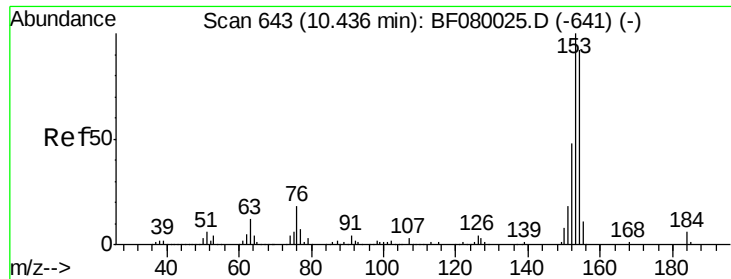


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





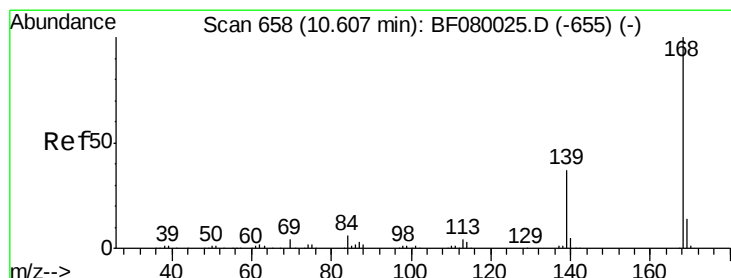
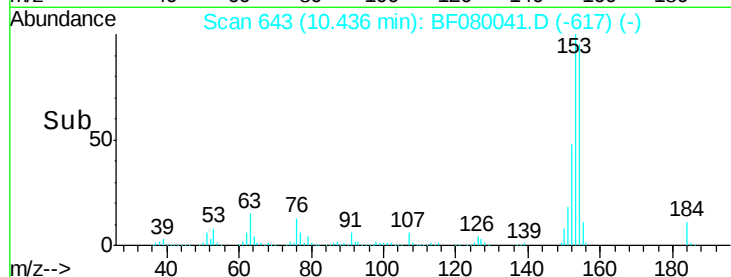
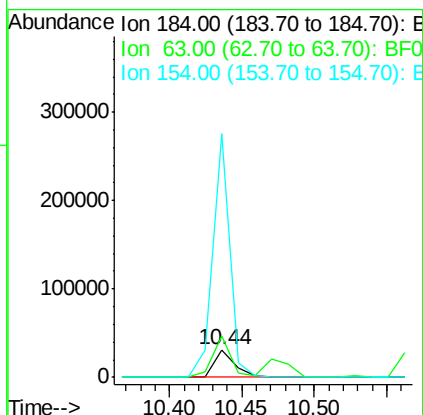
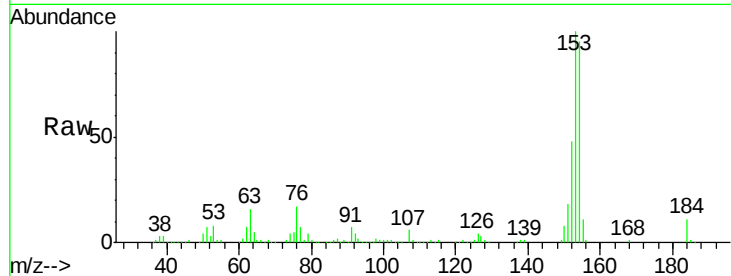
#53
2,4-Dinitrophenol
Concen: 59.37 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	30879		
63	150.1	35.4	53.2#	
154	890.9	32.2	48.4#	

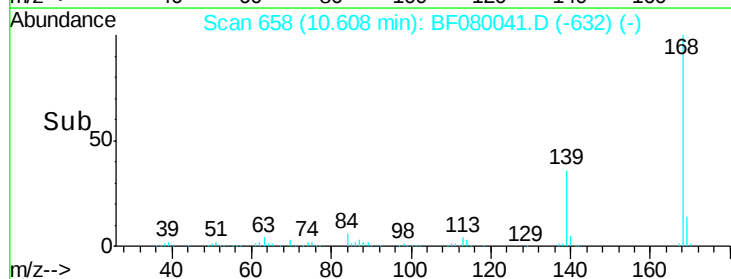
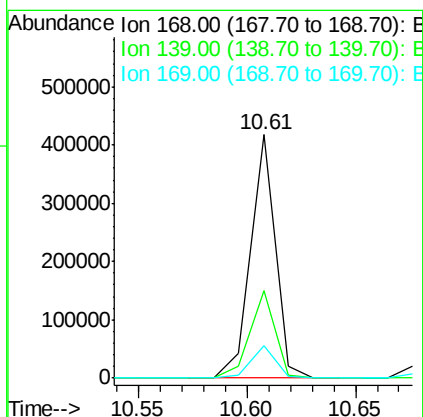
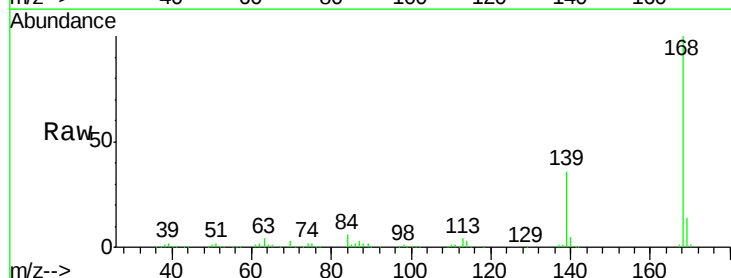
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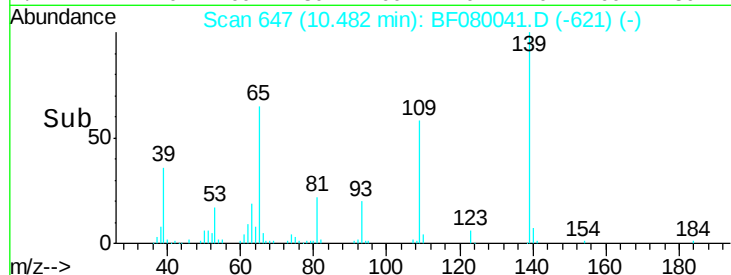
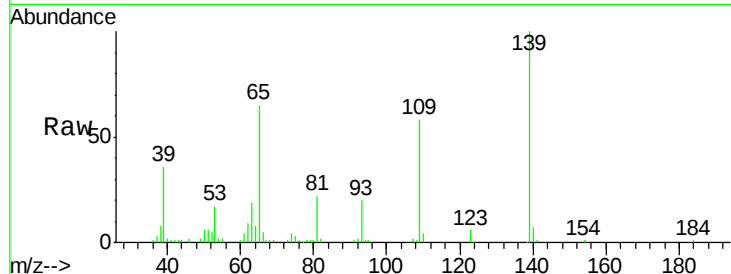
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#54
Dibenzofuran
Concen: 39.64 ng
RT: 10.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	330508		
139	35.9	24.2	36.2	
169	13.5	10.6	15.8	





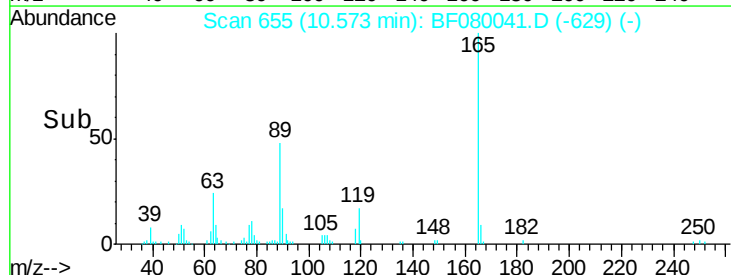
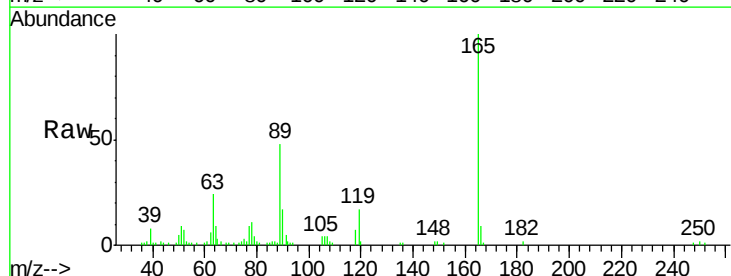
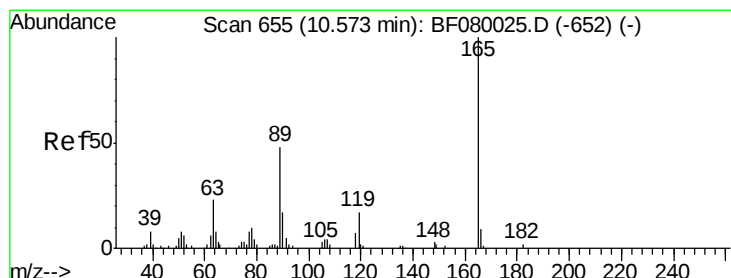
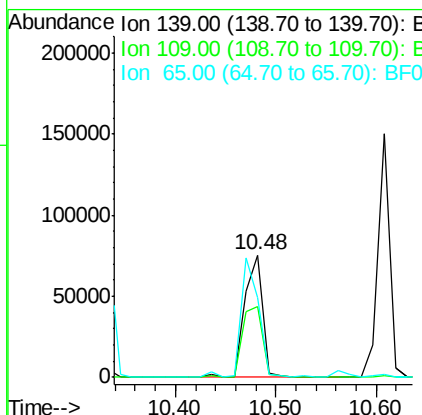
#55
4-Nitrophenol
Concen: 76.43 ng
RT: 10.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	92603		
109	58.1	12.7	52.7#	
65	65.5	45.9	85.9	

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

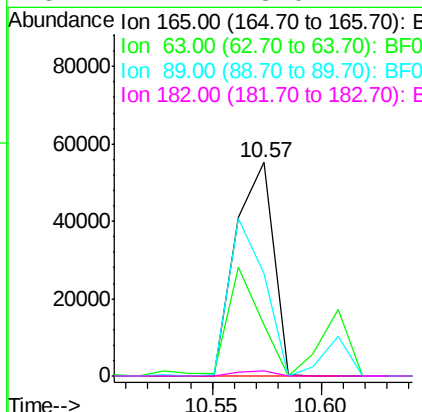
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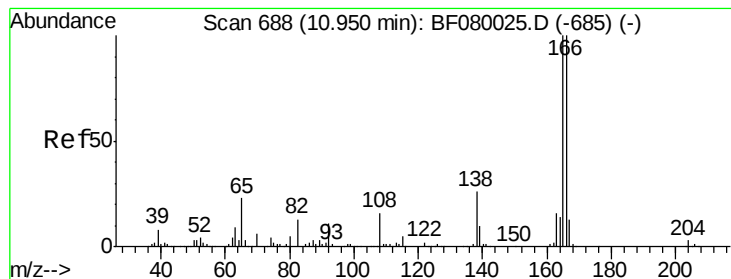
apatel
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#56
2,4-Dinitrotoluene
Concen: 39.71 ng
RT: 10.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66203		
63	24.2	29.8	44.6#	
89	47.7	44.5	66.7	
182	2.4	3.0	4.4#	





#57

Fluorene

Concen: 37.97 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

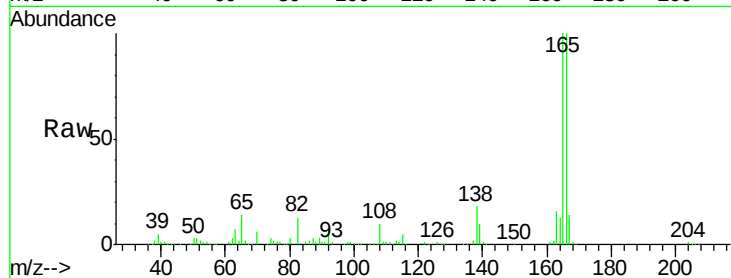
ClientSampleId :

NC-HC-001MSD

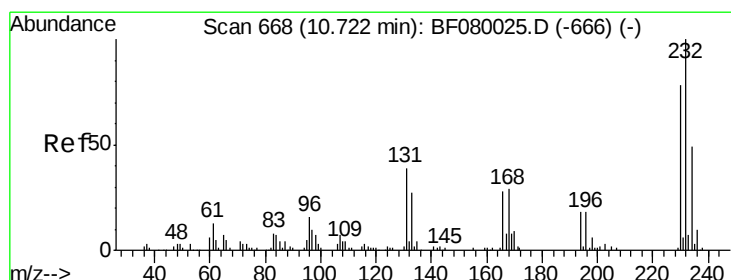
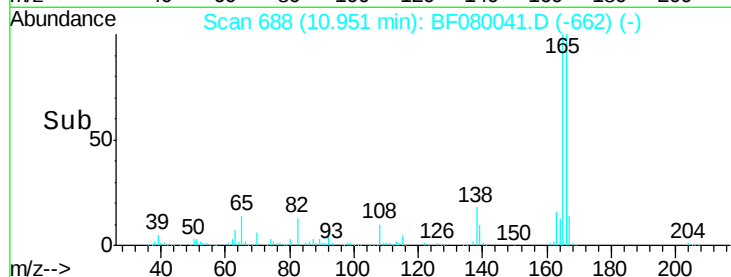
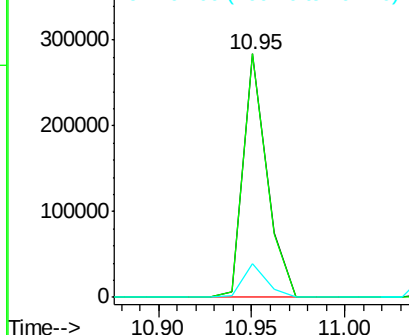
Tgt Ion:	166	Resp:	251184
Ion Ratio	Lower	Upper	
166	100		
165	100.0	72.6	109.0
167	13.8	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.88 ng

RT: 10.72 min Scan# 668

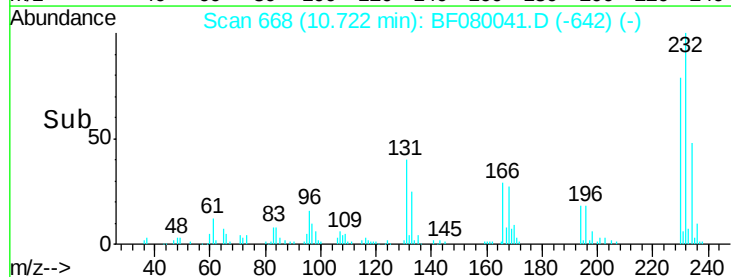
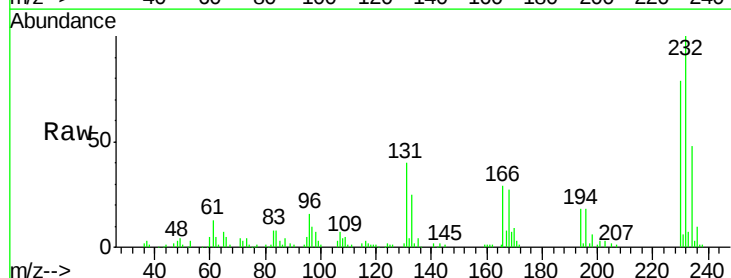
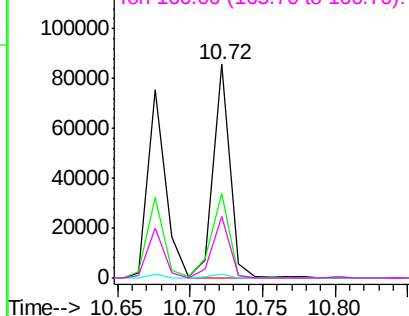
Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	232	Resp:	68624
Ion Ratio	Lower	Upper	
232	100		
131	42.8	38.5	57.7
130	2.1	1.8	2.6
166	29.6	25.0	37.6

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





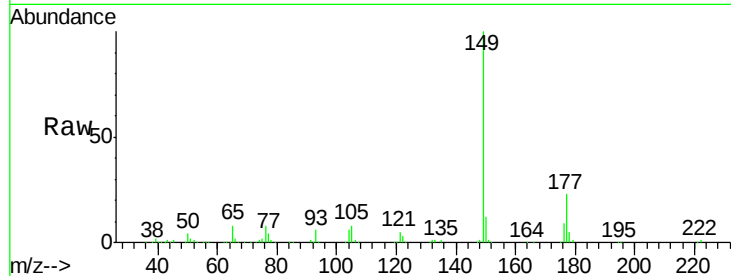
#59
Diethylphthalate
Concen: 40.48 ng
RT: 10.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

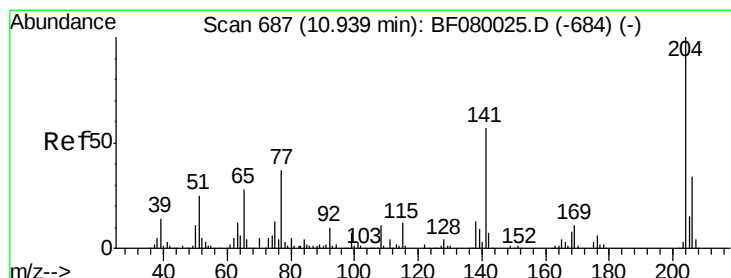
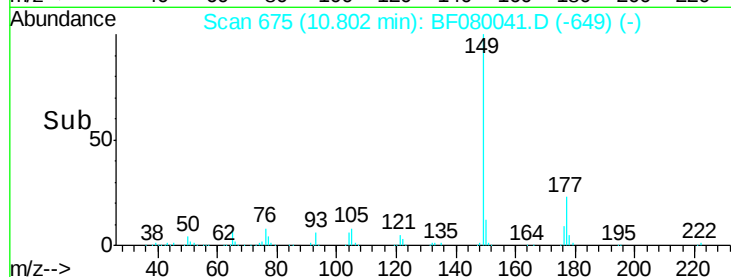
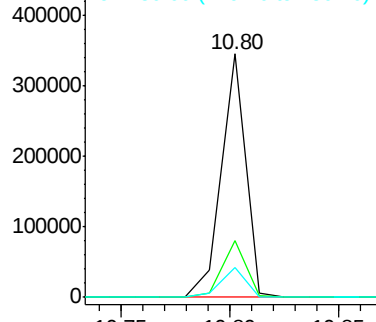
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.2	17.5	26.3
150	12.4	9.4	14.2

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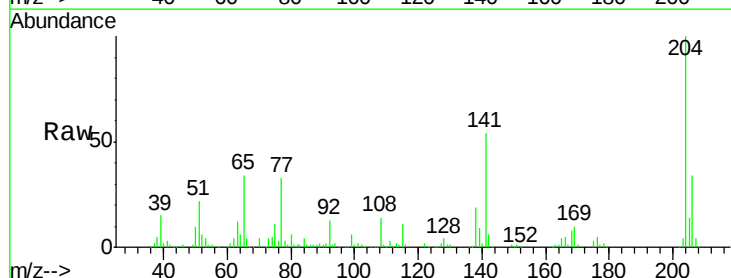


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

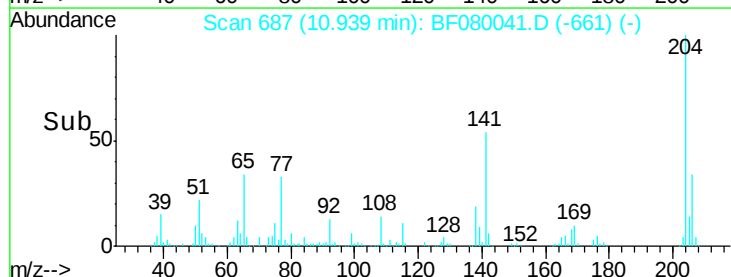
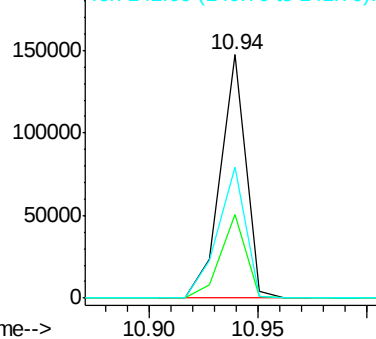


#60
4-Chlorophenyl-phenylether
Concen: 37.80 ng
RT: 10.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.3	24.8	37.2
141	53.9	42.2	63.4



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





#61

4-Nitroaniline

Concen: 35.79 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080041.D

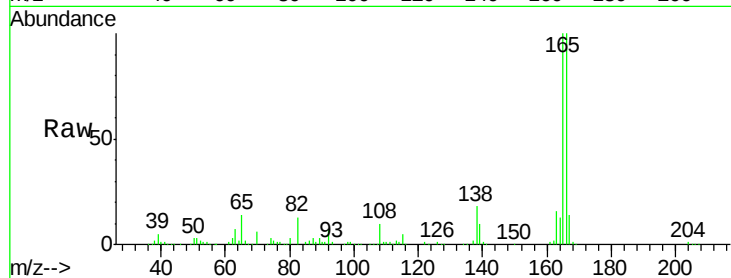
Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD



Tgt Ion:138 Resp: 56038

Ion Ratio Lower Upper

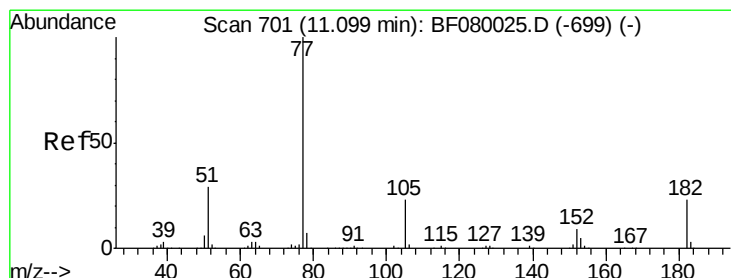
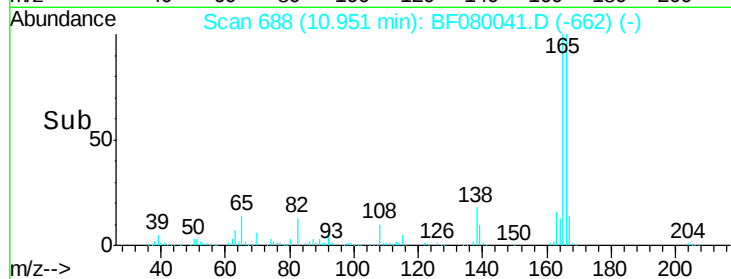
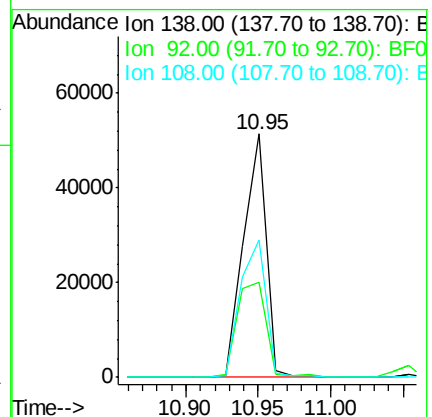
138 100

92 39.0 12.6 52.6

108 56.4 12.4 52.4#

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#62

Azobenzene

Concen: 38.73 ng

RT: 11.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion: 77 Resp: 260162

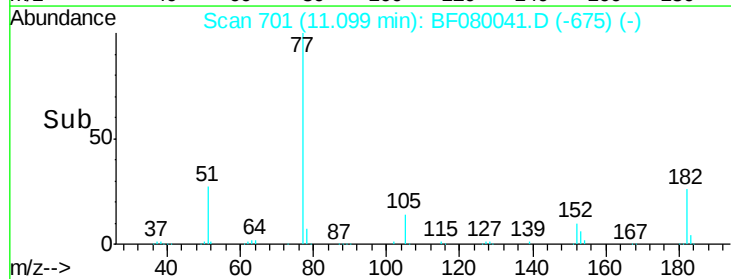
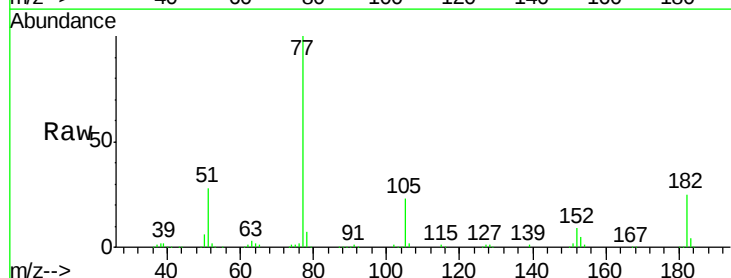
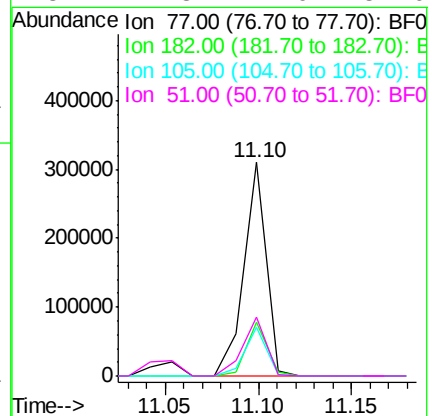
Ion Ratio Lower Upper

77 100

182 25.2 15.1 55.1

105 22.8 3.4 43.4

51 27.8 12.0 52.0





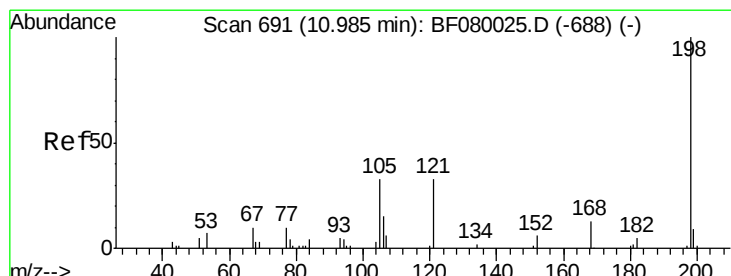
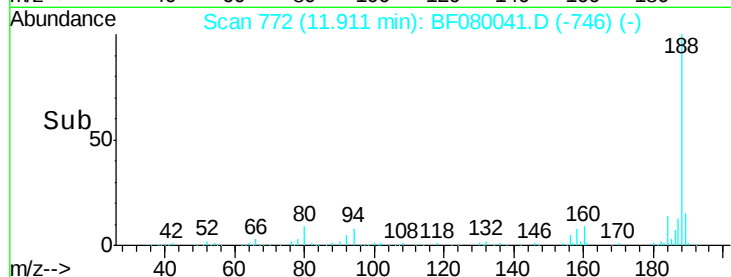
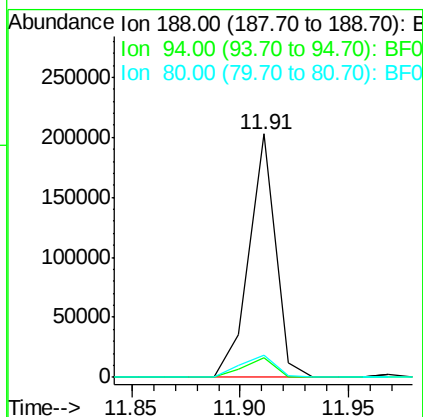
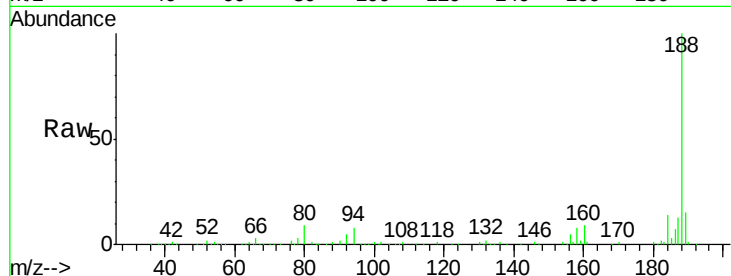
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	11.1	16.7#
80	9.1	11.0	16.4#

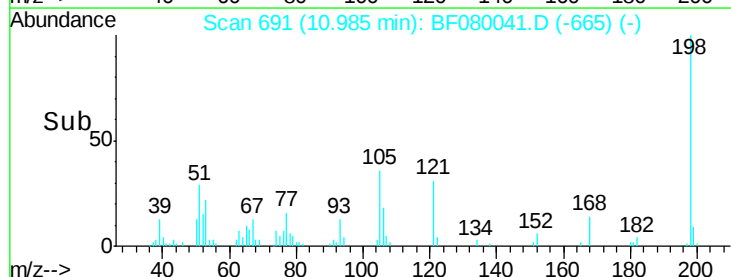
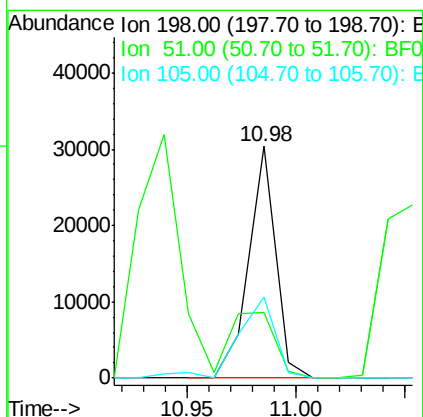
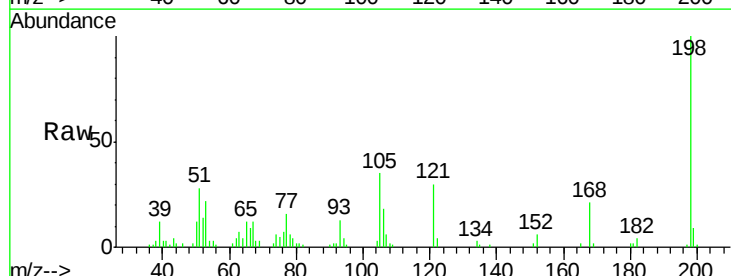
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.18 ng
 RT: 10.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.2	39.6	79.6#
105	34.8	28.5	68.5





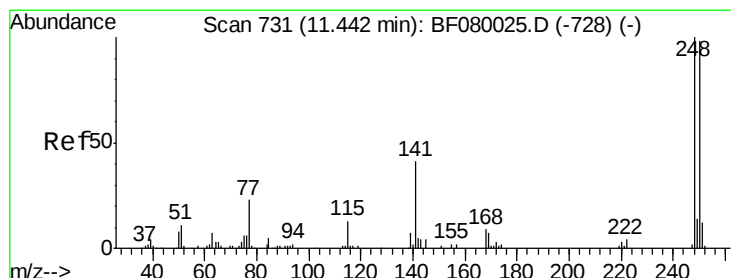
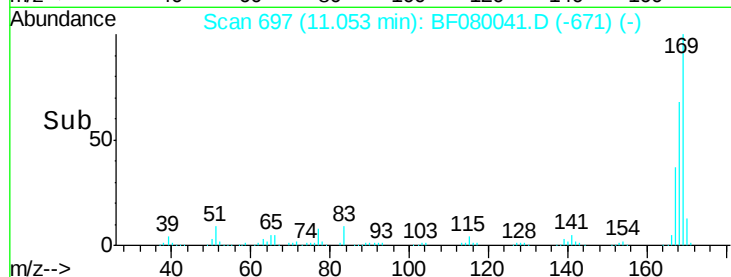
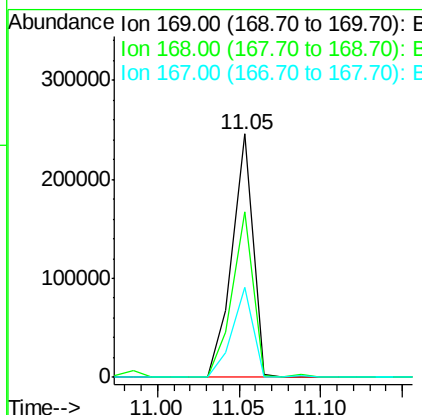
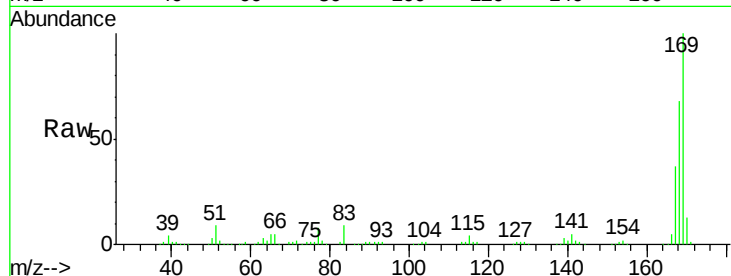
#65
n-Nitrosodiphenylamine
Concen: 38.91 ng
RT: 11.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	217986		
168	67.9	48.9	73.3	
167	36.9	26.2	39.4	

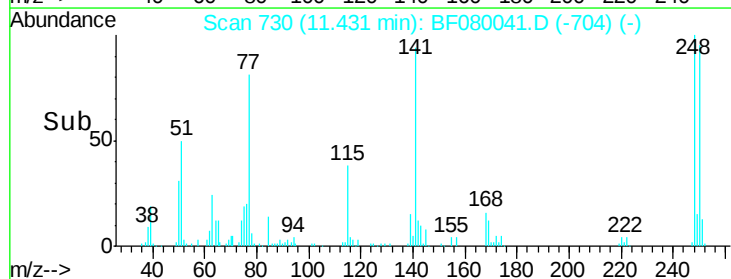
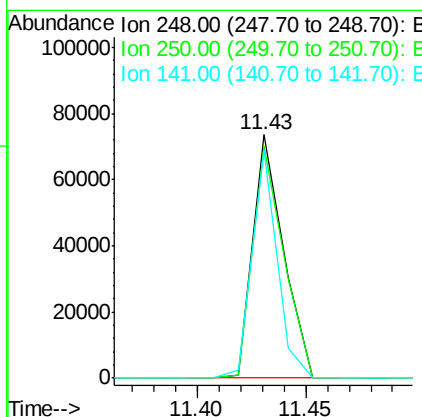
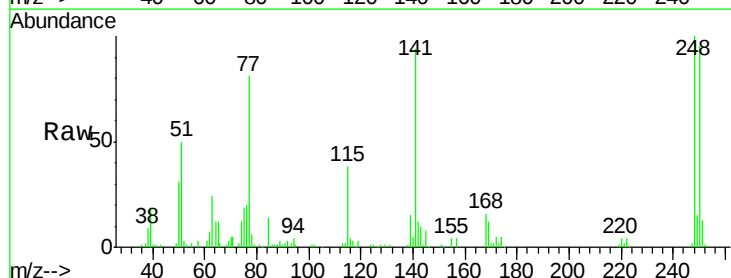
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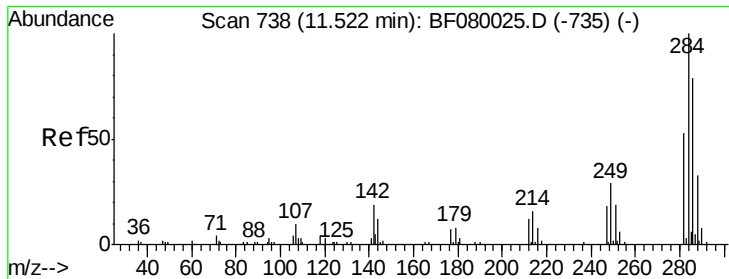
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#66
4-Bromophenyl-phenylether
Concen: 39.31 ng
RT: 11.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71918		
250	95.2	78.5	117.7	
141	94.0	59.0	88.6	





#67

Hexachlorobenzene

Concen: 37.04 ng

RT: 11.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080041.D

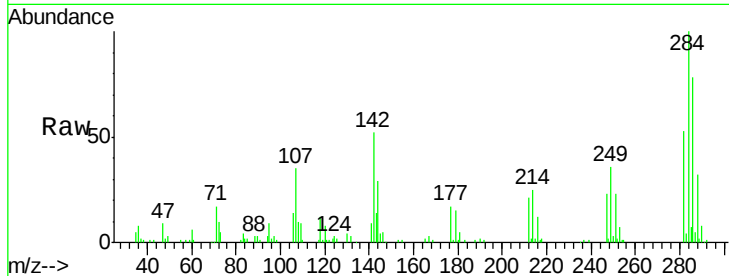
Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

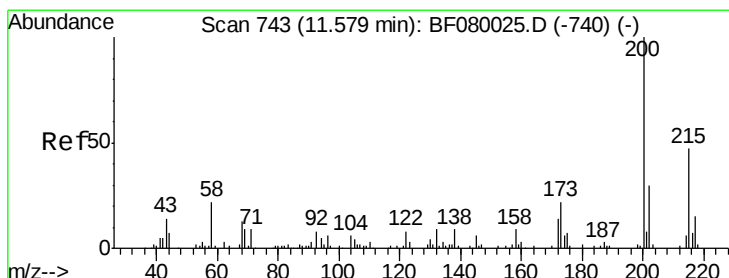
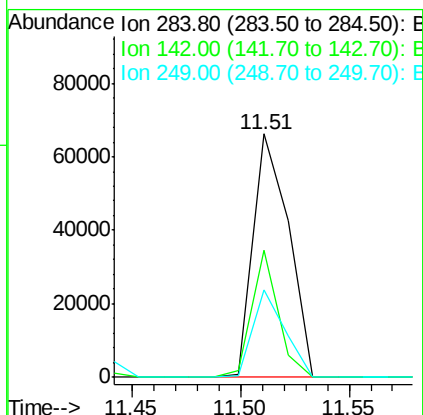
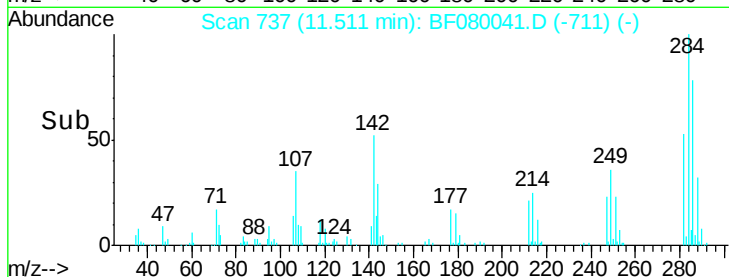
NC-HC-001MSD



Tgt Ion:	284	Resp:	75309
Ion Ratio	Lower	Upper	
284	100		
142	52.2	29.5	44.3#
249	35.8	19.5	29.3#

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#68

Atrazine

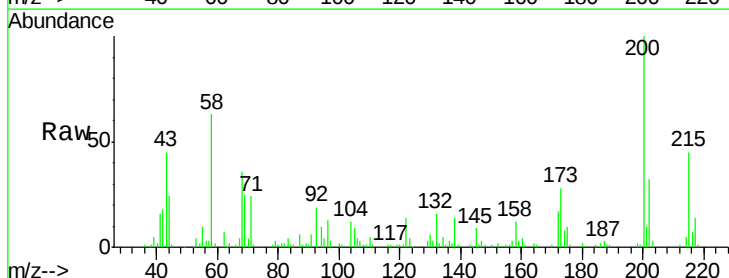
Concen: 38.75 ng

RT: 11.57 min Scan# 742

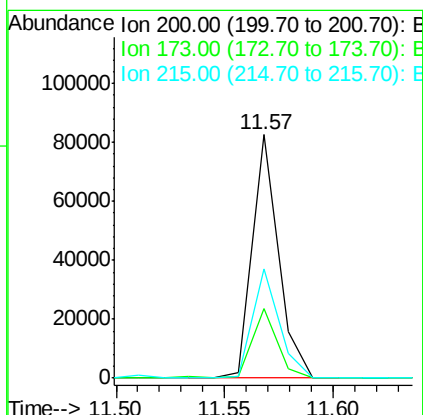
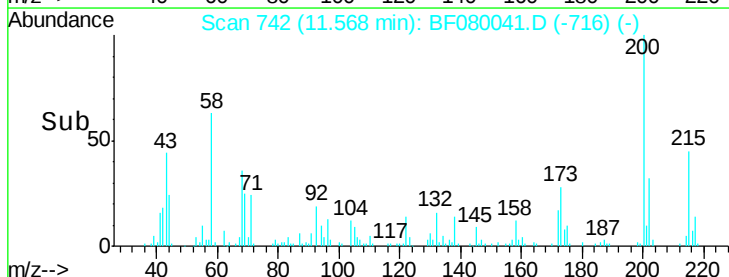
Delta R.T. 0.00 min

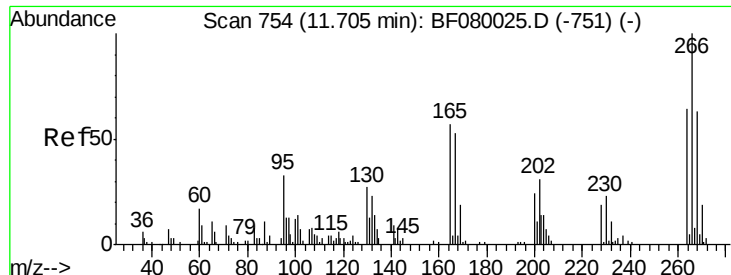
Lab File: BF080041.D

Acq: 18 Jun 2015 00:23



Tgt Ion:	200	Resp:	68588
Ion Ratio	Lower	Upper	
200	100		
173	28.4	13.2	53.2
215	44.9	41.8	81.8





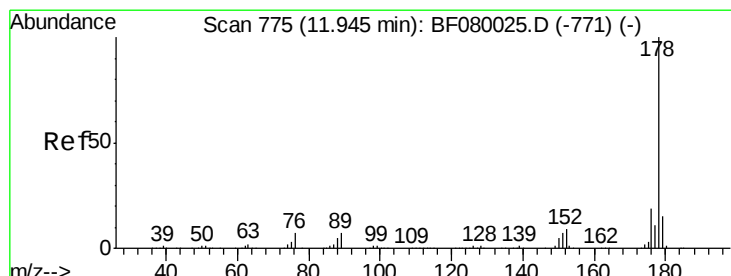
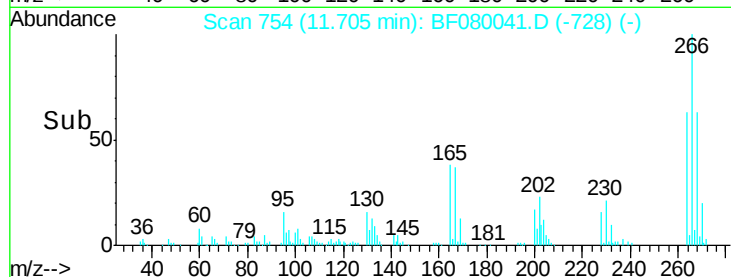
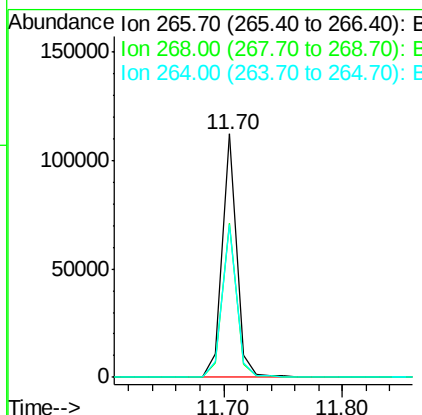
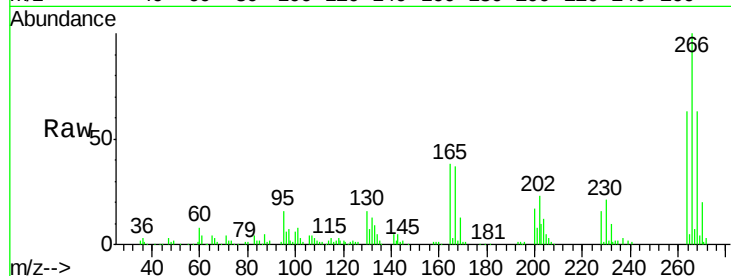
#69
 Pentachlorophenol
 Concen: 81.54 ng
 RT: 11.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	62.5	50.2	75.2

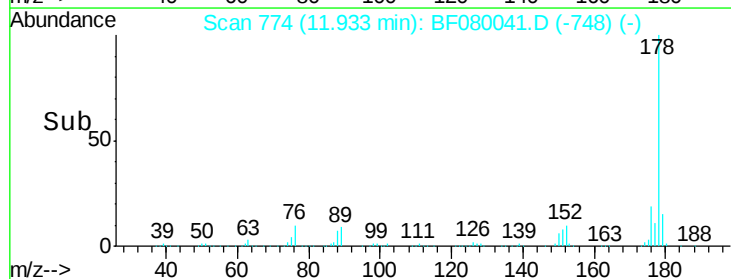
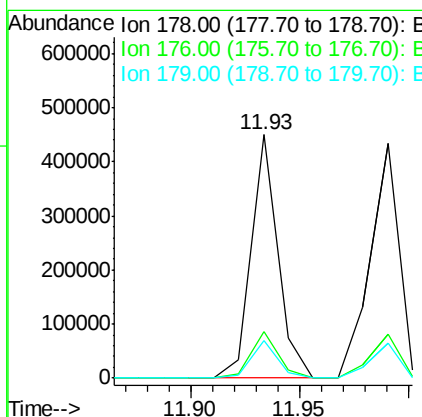
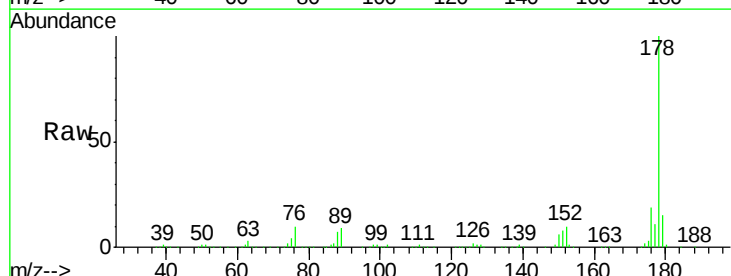
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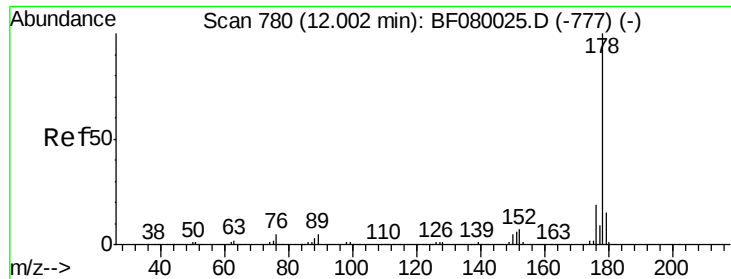
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#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.93 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.8	20.8
179	15.5	12.2	18.2





#71

Anthracene

Concen: 39.81 ng

RT: 11.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

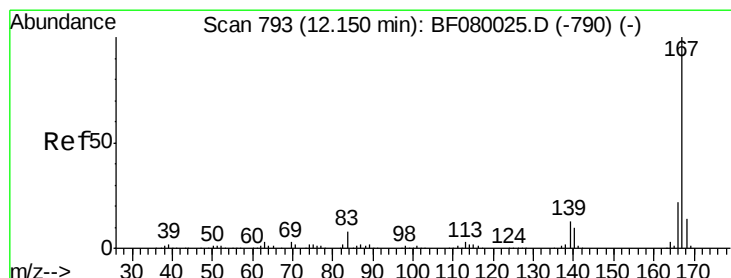
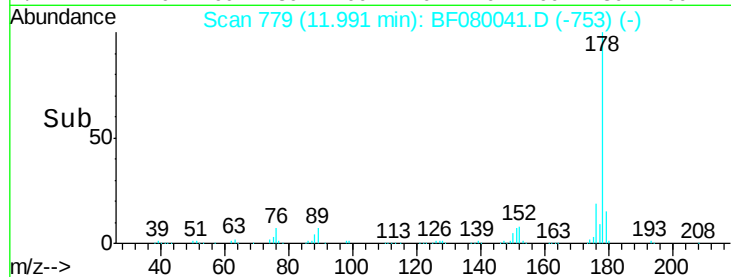
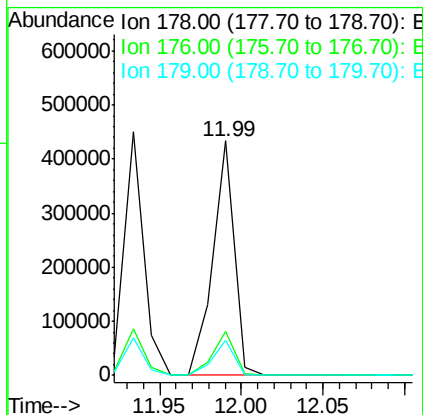
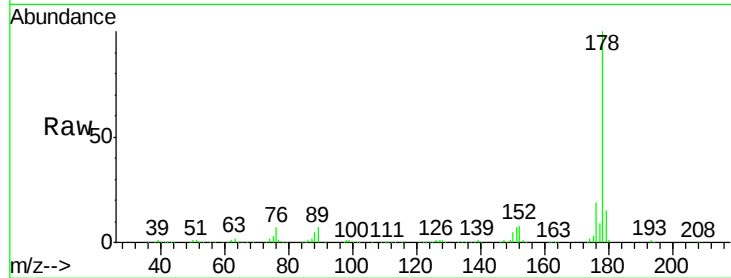
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	178	Resp:	399236
Ion Ratio	Lower	Upper	
178	100		
176	19.0	14.1	21.1
179	14.9	12.2	18.2

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#72

Carbazole

Concen: 37.78 ng

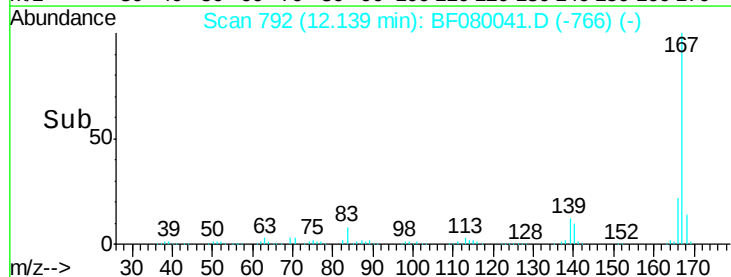
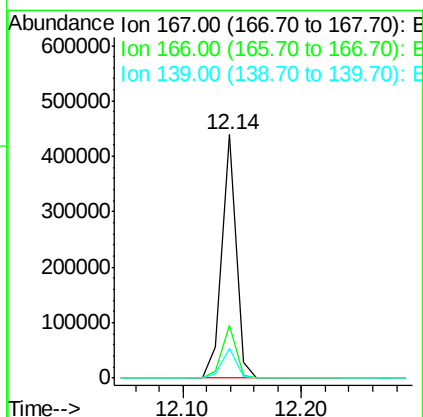
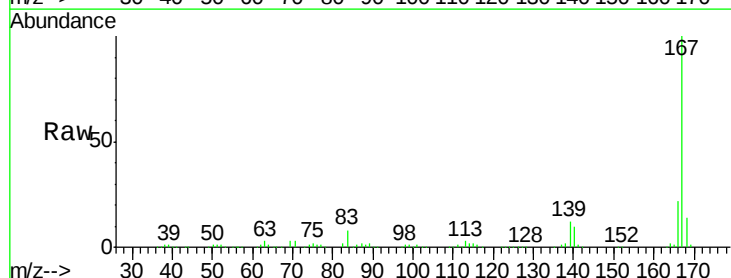
RT: 12.14 min Scan# 792

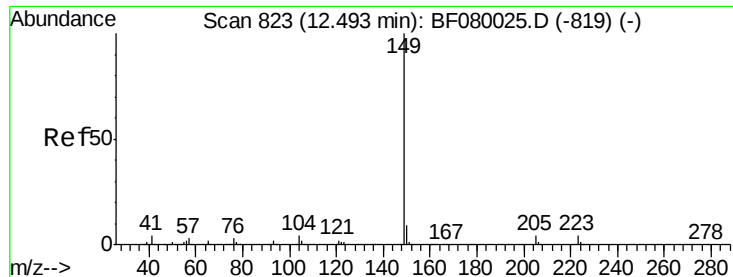
Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	167	Resp:	361730
Ion Ratio	Lower	Upper	
167	100		
166	22.0	15.7	23.5
139	12.4	9.5	14.3





#73

Di-n-butylphthalate

Concen: 40.71 ng

RT: 12.47 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

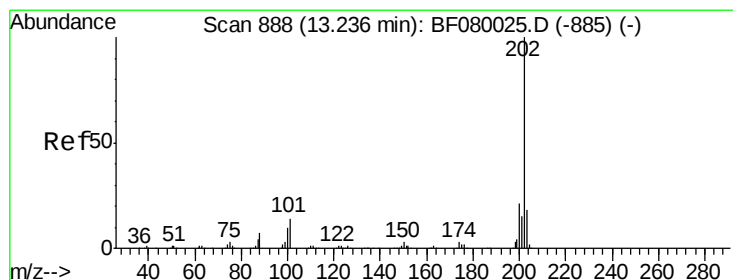
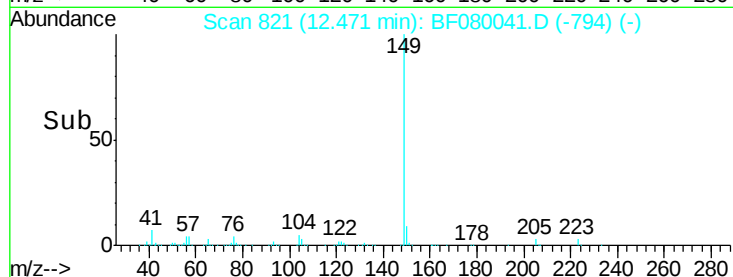
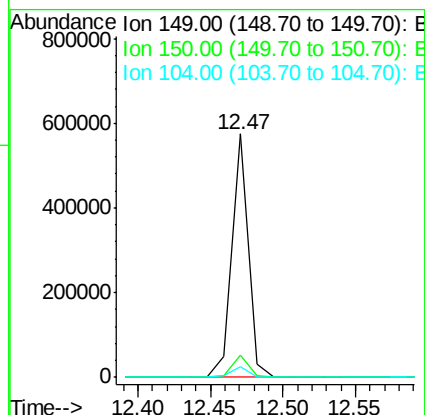
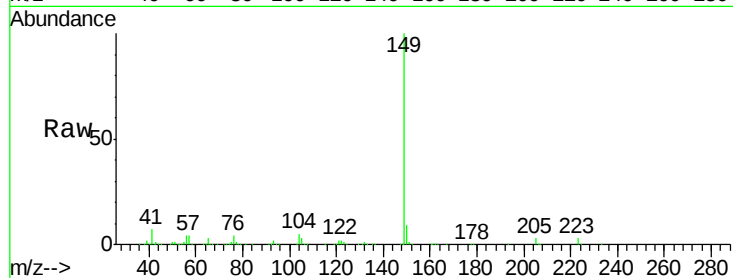
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	149	Resp:	450426
Ion Ratio		Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.5	2.4	3.6

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#74

Fluoranthene

Concen: 38.46 ng

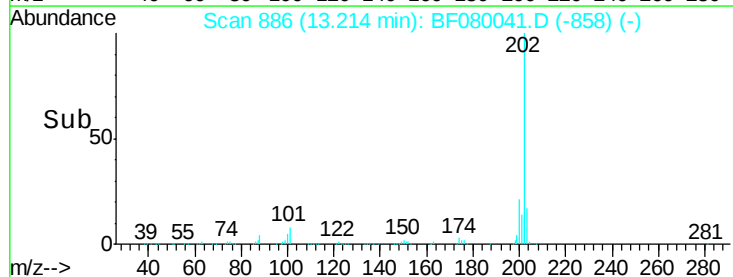
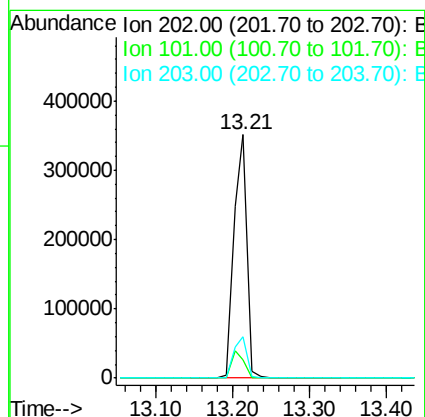
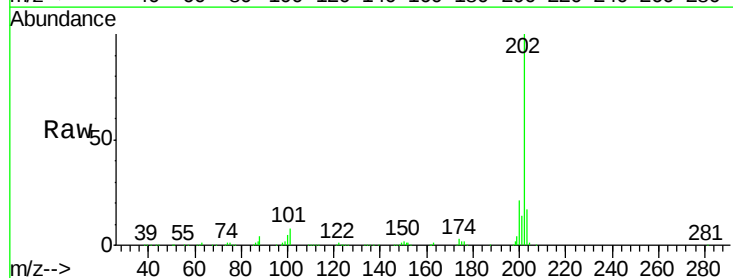
RT: 13.21 min Scan# 886

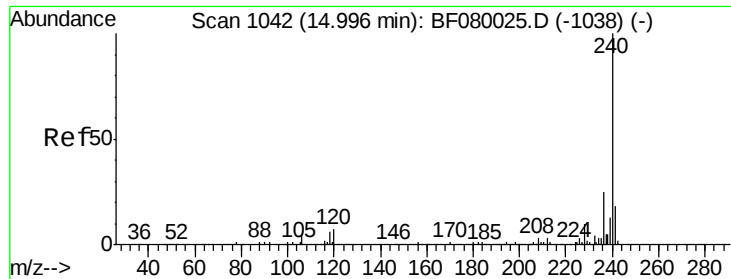
Delta R.T. 0.02 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	202	Resp:	426692
Ion Ratio		Lower	Upper
202	100		
101	7.5	0.0	38.3
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.92 min Scan# 1035

Delta R.T. 0.06 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

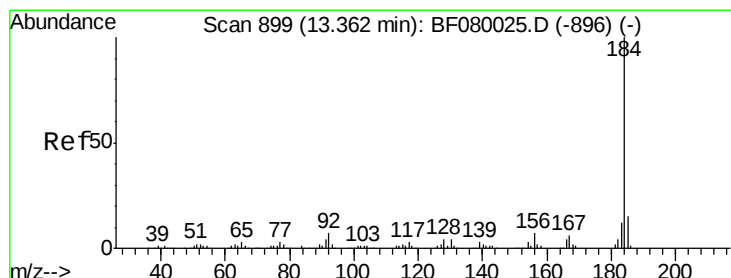
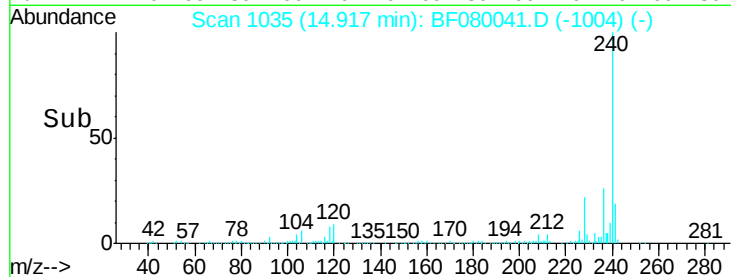
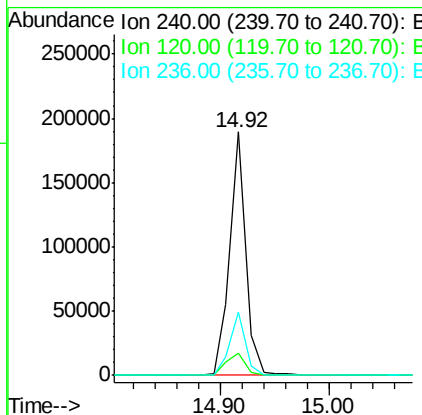
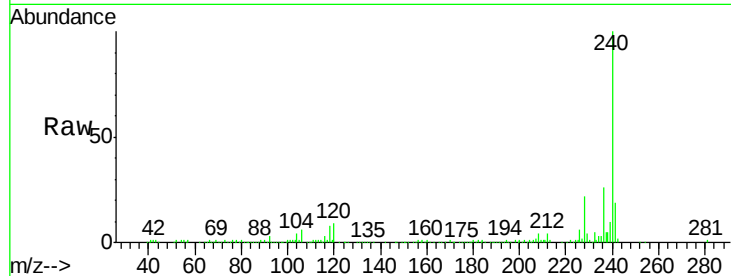
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	240	Resp:	193662
Ion Ratio	Lower	Upper	
240	100		
120	9.3	16.2	24.2#
236	26.1	18.4	27.6

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#76

Benzidine

Concen: 32.69 ng

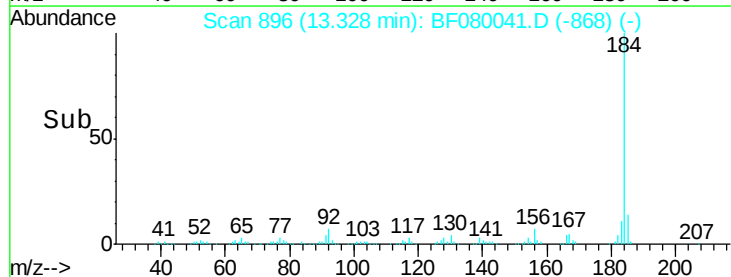
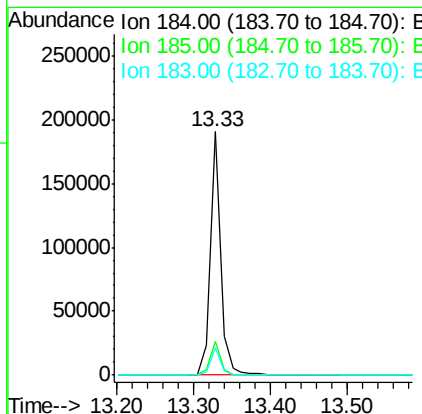
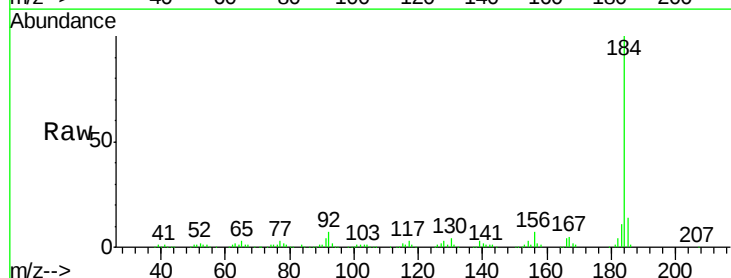
RT: 13.33 min Scan# 896

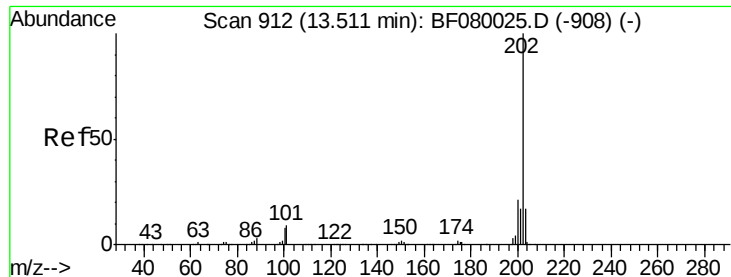
Delta R.T. 0.02 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	184	Resp:	176940
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.6
183	11.1	7.6	11.4





#77

Pyrene

Concen: 36.59 ng

RT: 13.47 min Scan# 908

Delta R.T. 0.02 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

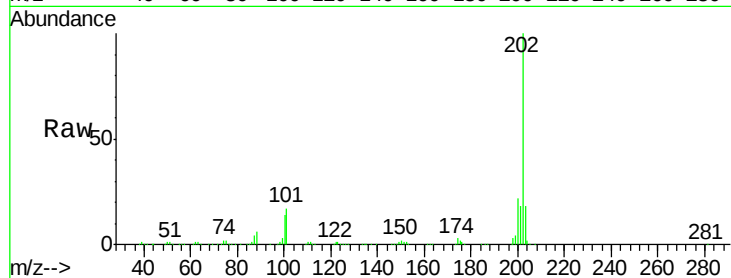
ClientSampleId :

NC-HC-001MSD

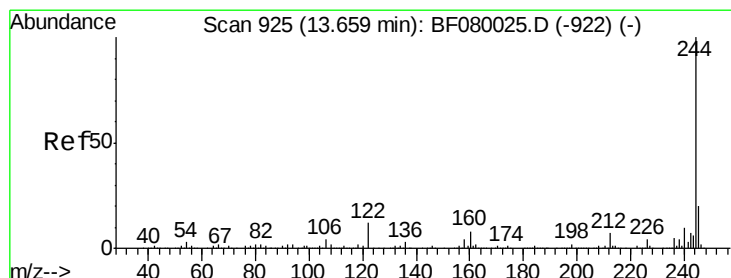
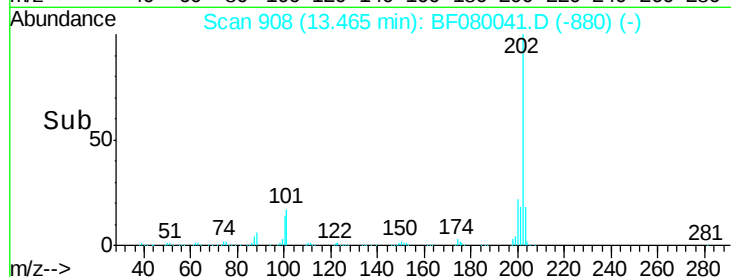
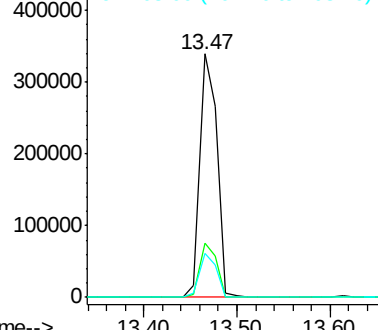
Tgt Ion:	202	Resp:	436234
Ion Ratio	Lower	Upper	
202	100		
200	22.2	15.0	22.4
203	17.8	14.1	21.1

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



#78

Terphenyl-d14

Concen: 77.86 ng

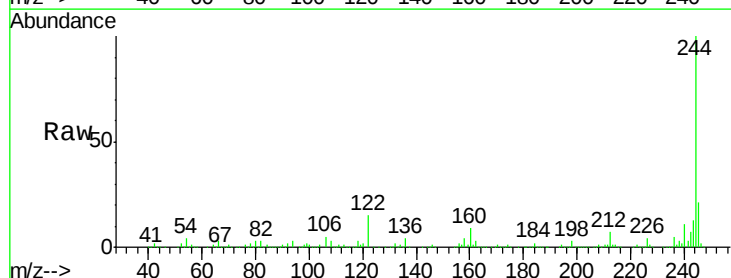
RT: 13.61 min Scan# 921

Delta R.T. 0.02 min

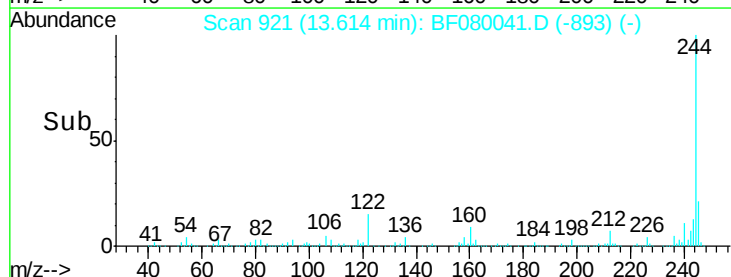
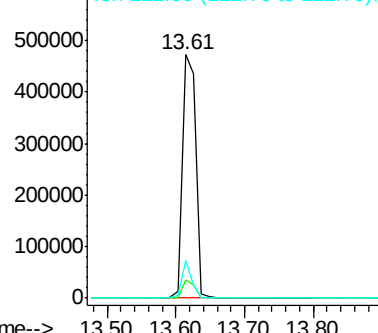
Lab File: BF080041.D

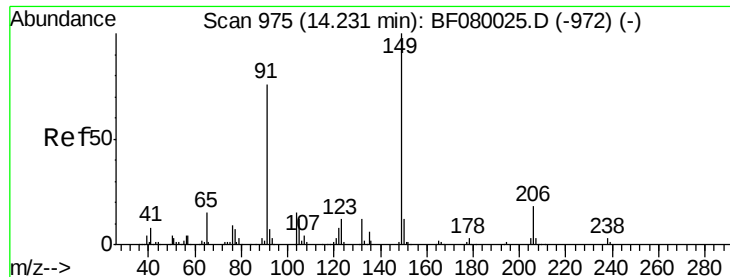
Acq: 18 Jun 2015 00:23

Tgt Ion:	244	Resp:	645655
Ion Ratio	Lower	Upper	
244	100		
212	7.4	4.3	6.5#
122	15.5	17.4	26.2#



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





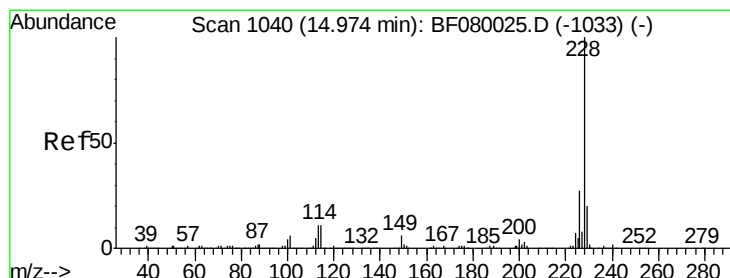
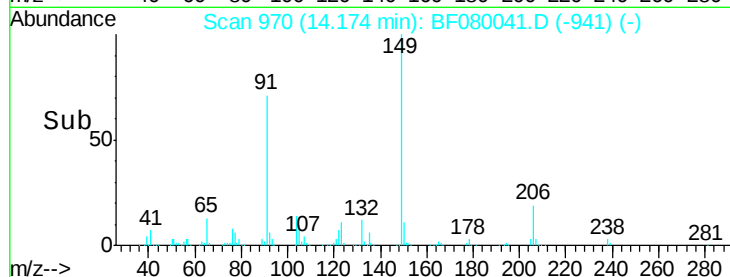
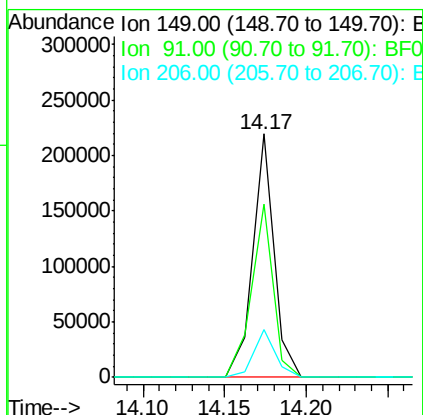
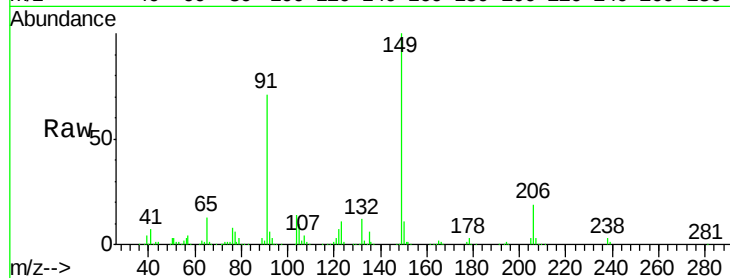
#79
Butylbenzylphthalate
Concen: 41.60 ng
RT: 14.17 min Scan# 970
Delta R.T. 0.03 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	199202		
91	71.1	48.6	72.8	
206	19.5	14.9	22.3	

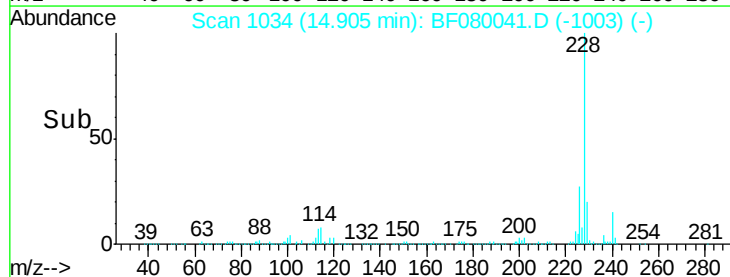
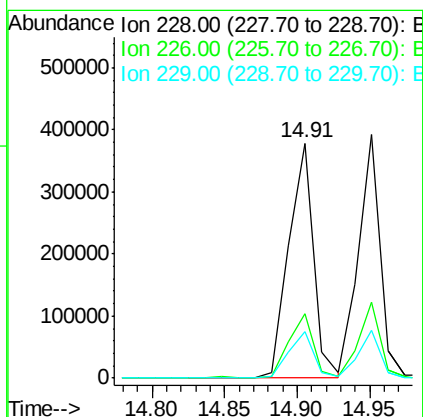
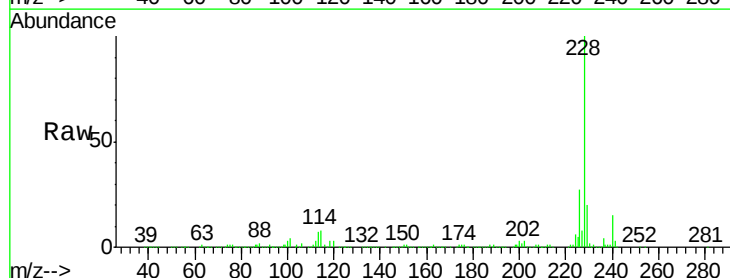
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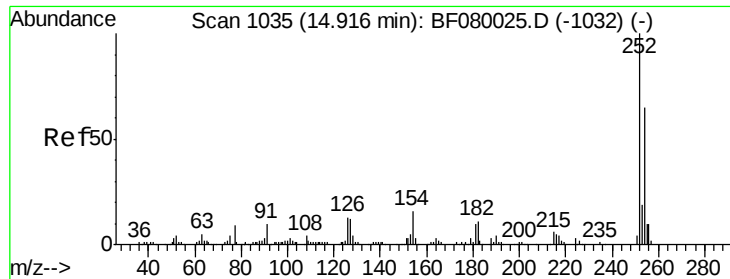
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#80
Benzo(a)anthracene
Concen: 37.87 ng
RT: 14.91 min Scan# 1034
Delta R.T. 0.06 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	446738		
226	27.3	20.0	30.0	
229	19.6	15.4	23.2	





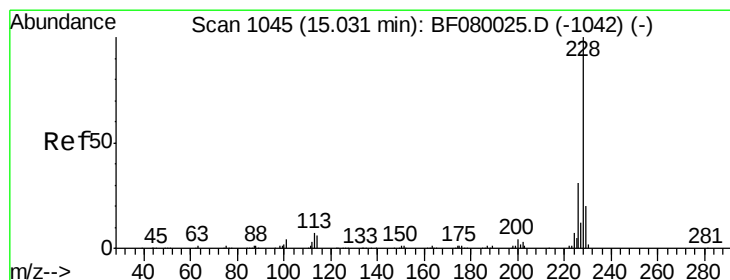
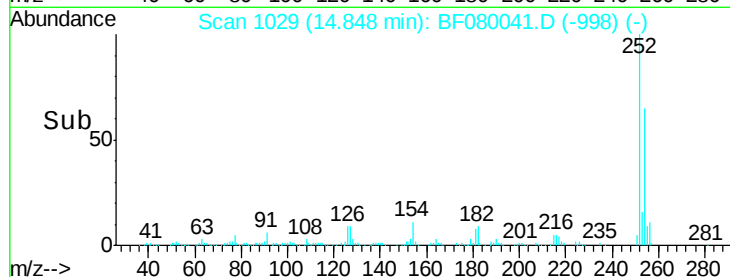
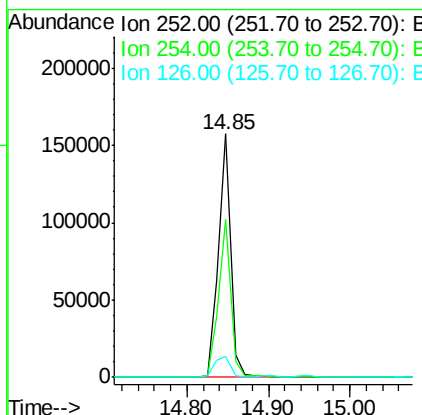
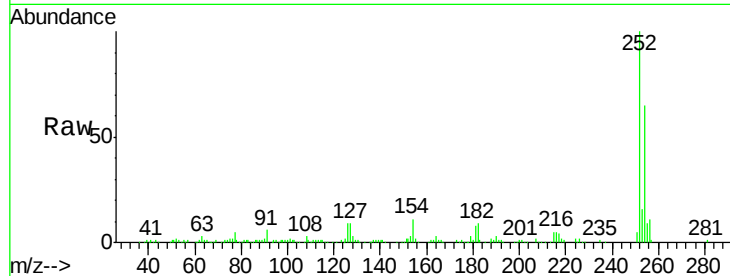
#81
 3,3'-Dichlorobenzidine
 Concen: 40.92 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. 0.06 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	51.4	77.2
126	8.7	16.4	24.6

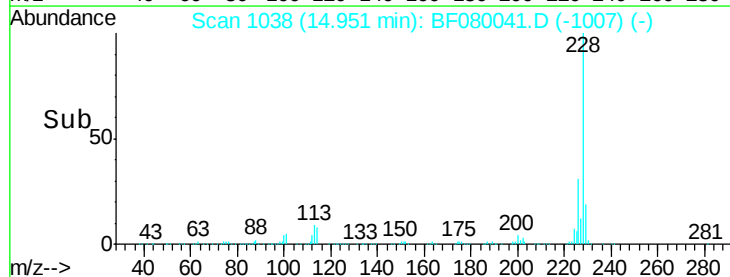
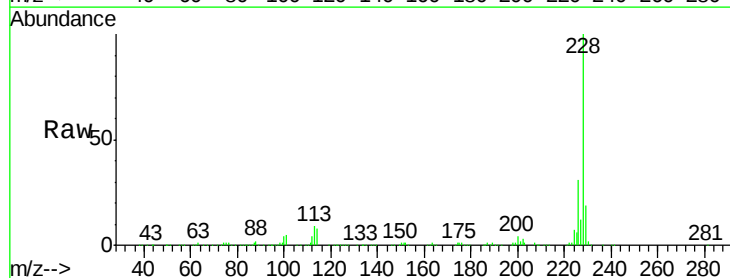
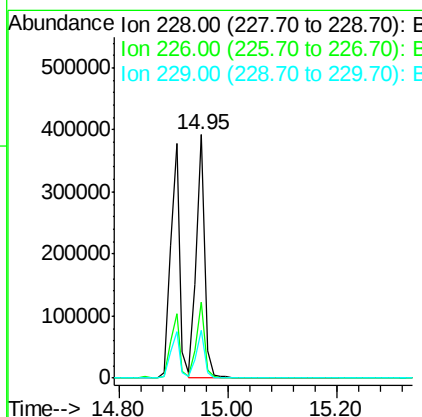
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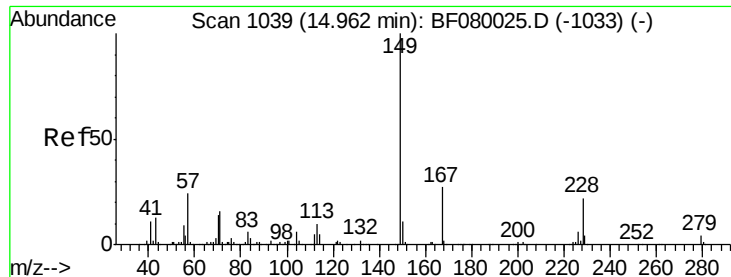
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#82
 Chrysene
 Concen: 38.23 ng
 RT: 14.95 min Scan# 1038
 Delta R.T. 0.06 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	21.0	31.4
229	19.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.28 ng

RT: 14.88 min Scan# 1032

Delta R.T. 0.06 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

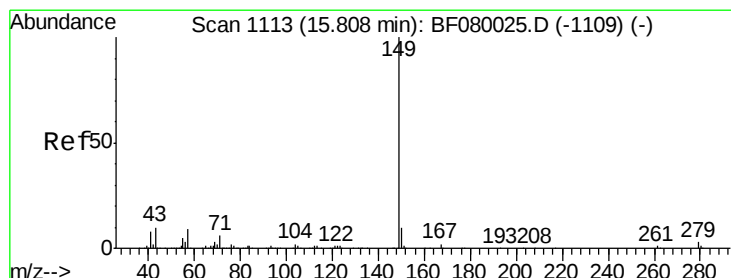
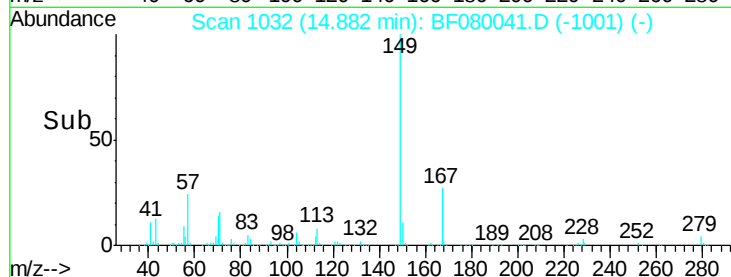
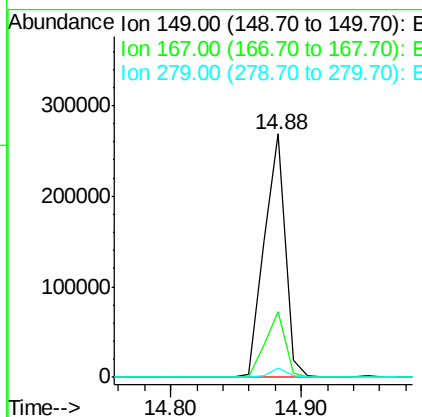
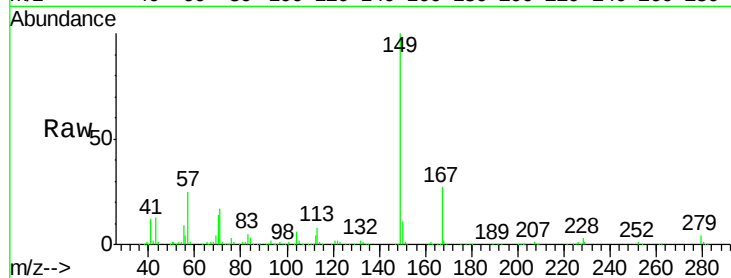
ClientSampleId :

NC-HC-001MSD

Tgt Ion:	149	Resp:	304826
Ion Ratio		Lower	Upper
149	100		
167	27.1	24.2	36.2
279	4.0	3.8	5.6

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#84

Di-n-octyl phthalate

Concen: 40.22 ng

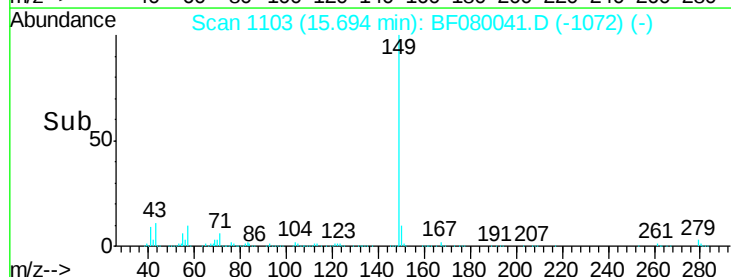
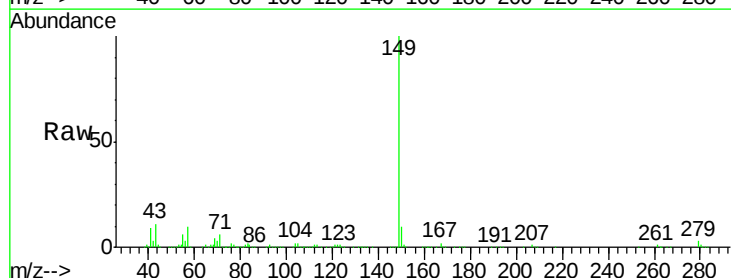
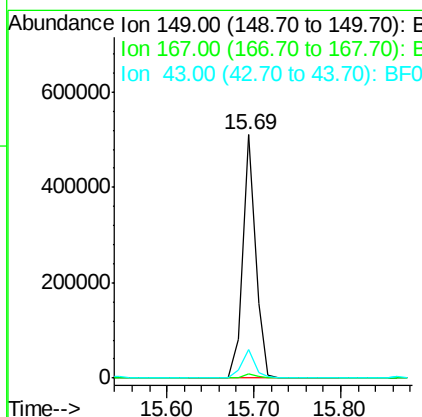
RT: 15.69 min Scan# 1103

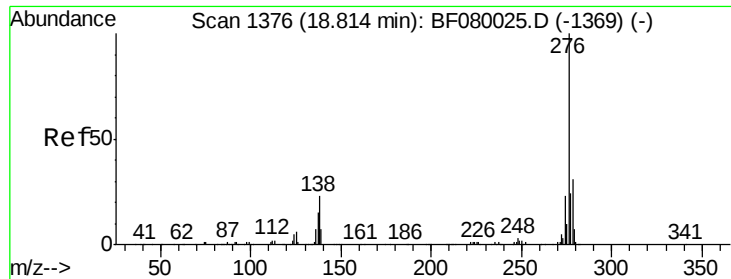
Delta R.T. 0.06 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:	149	Resp:	521564
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.0	1.6
43	11.0	10.2	15.2





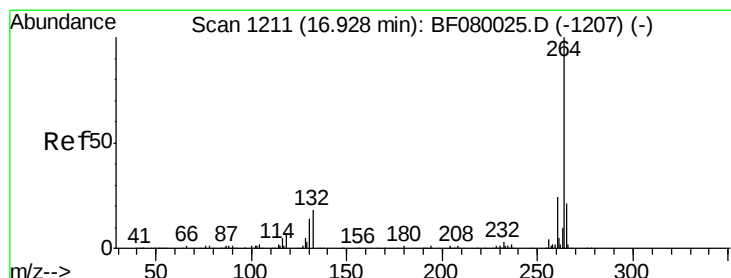
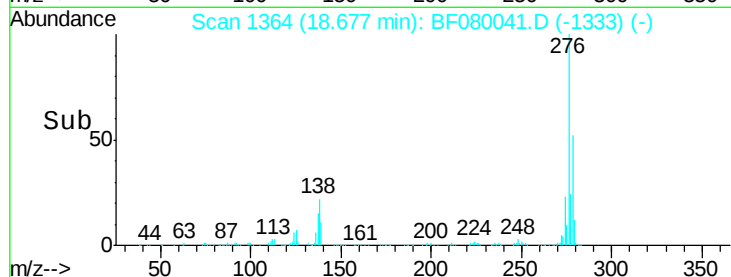
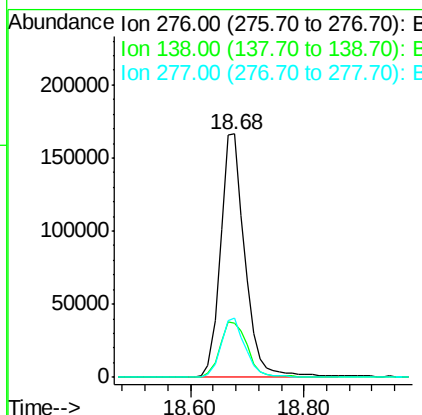
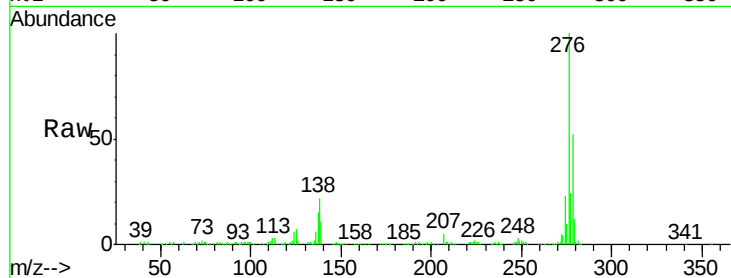
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.56 ng
 RT: 18.68 min Scan# 1364
 Delta R.T. 0.06 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.7	38.5
277	24.6	15.6	23.4

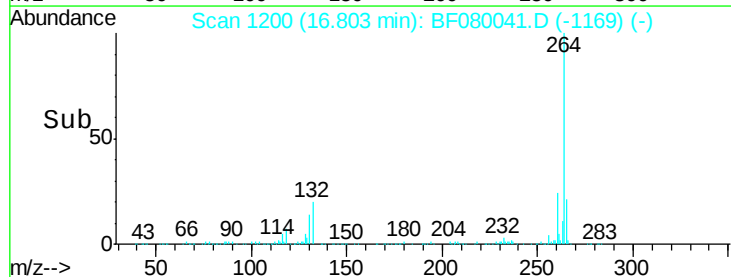
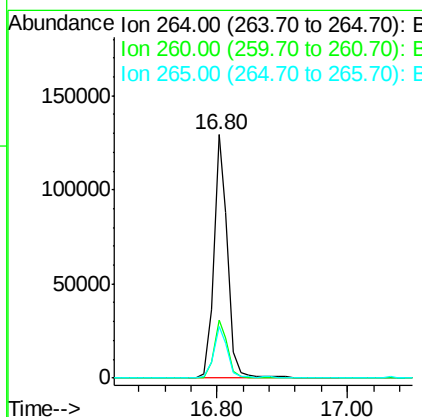
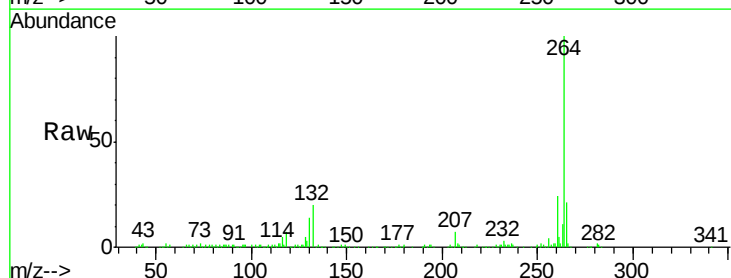
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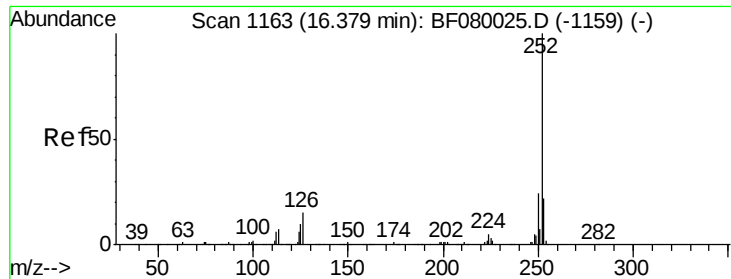
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1200
 Delta R.T. 0.06 min
 Lab File: BF080041.D
 Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.4	17.2	25.8





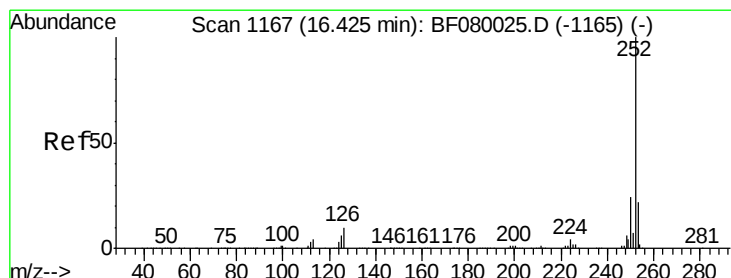
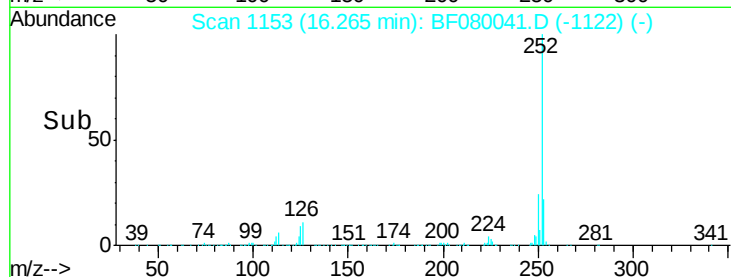
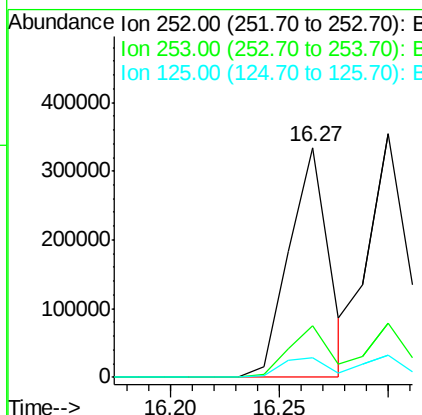
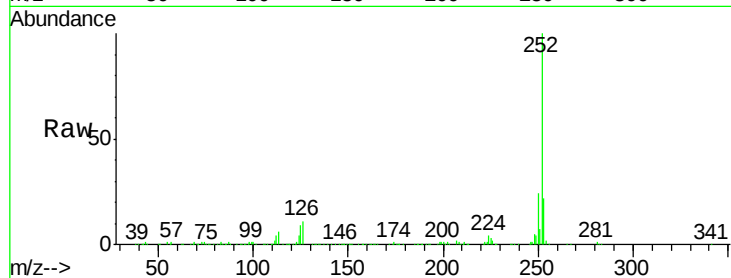
#87
Benzo(b)fluoranthene
Concen: 36.51 ng
RT: 16.27 min Scan# 1153
Delta R.T. 0.06 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.7	17.1	25.7

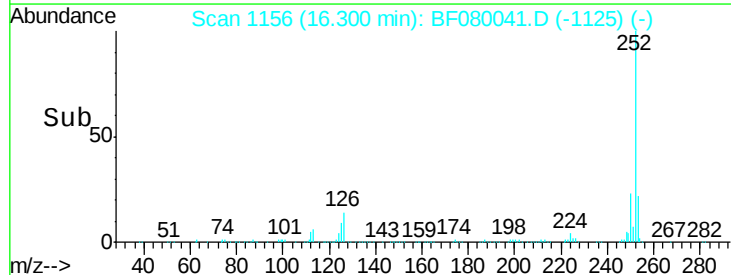
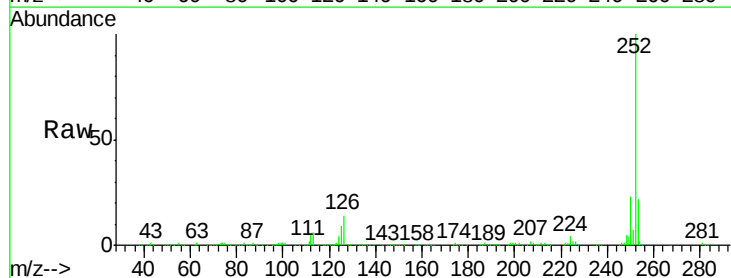
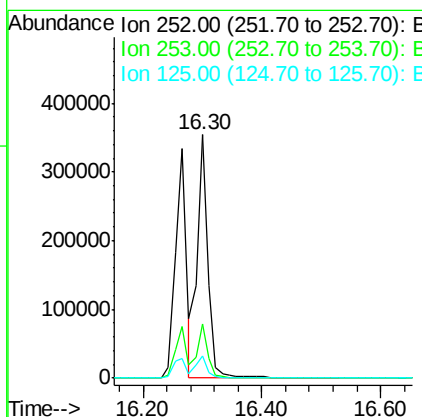
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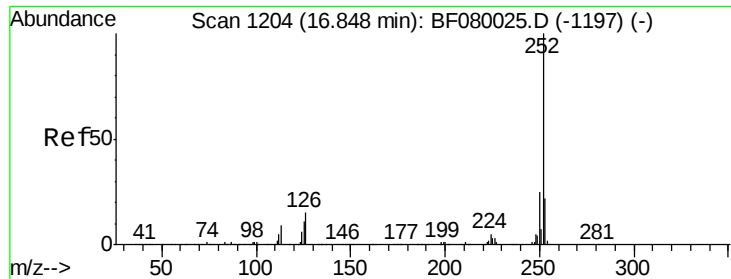
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#88
Benzo(k)fluoranthene
Concen: 38.47 ng
RT: 16.30 min Scan# 1156
Delta R.T. 0.06 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	9.3	16.0	24.0





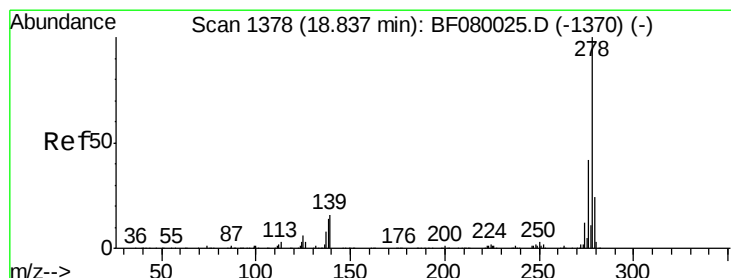
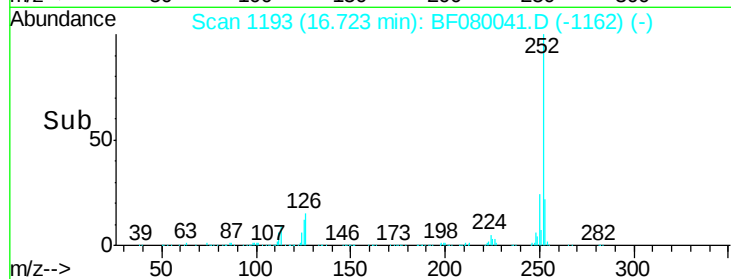
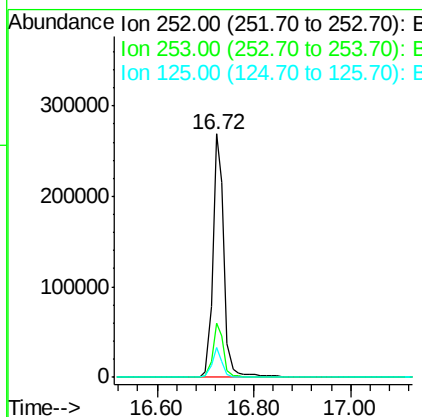
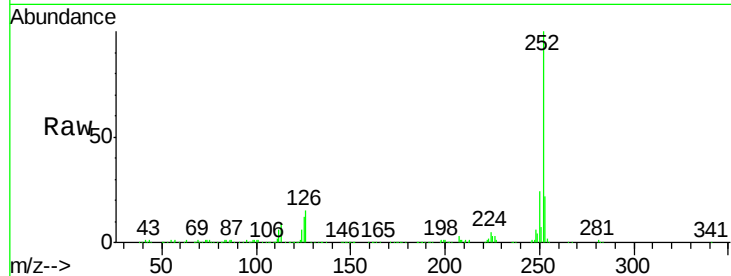
#89
Benzo(a)pyrene
Concen: 39.29 ng
RT: 16.72 min Scan# 1193
Delta R.T. 0.06 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.3	18.0	27.0

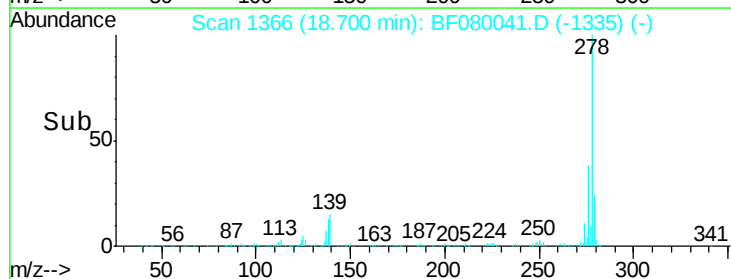
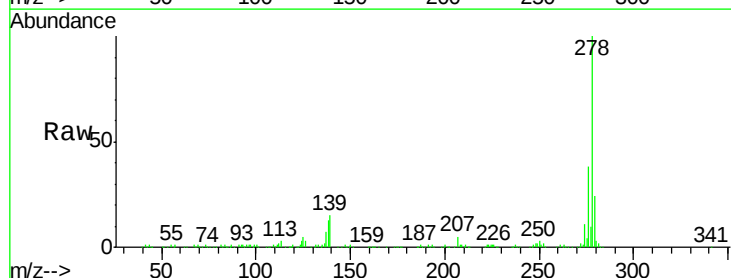
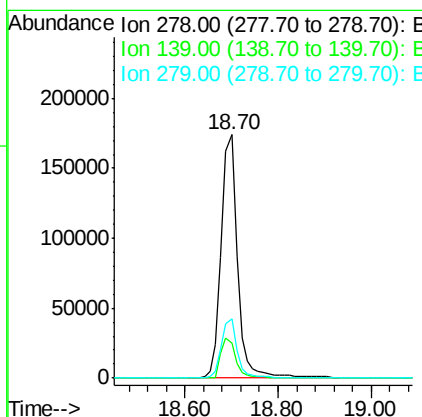
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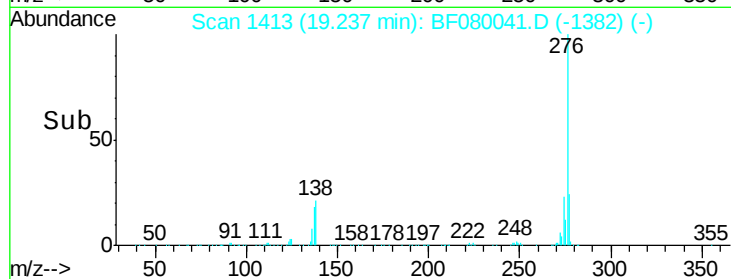
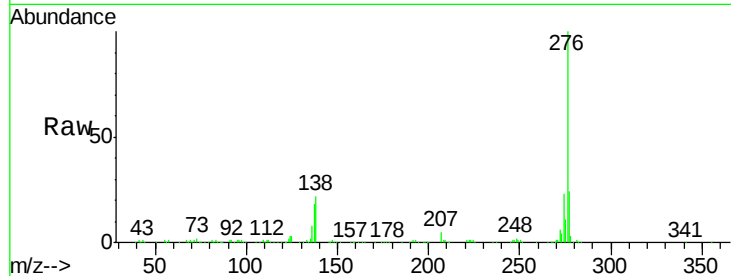
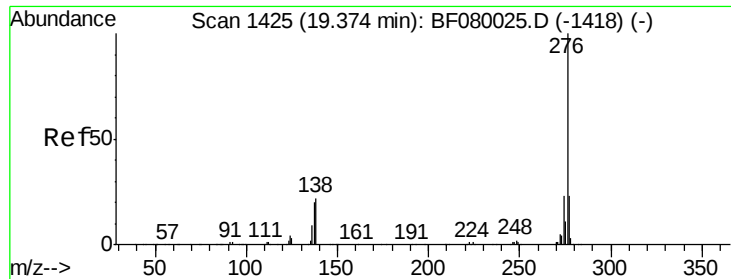
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#90
Dibenzo(a,h)anthracene
Concen: 37.42 ng
RT: 18.70 min Scan# 1366
Delta R.T. 0.06 min
Lab File: BF080041.D
Acq: 18 Jun 2015 00:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	26.3	39.5
279	24.2	18.2	27.4





#91

Benzo(g,h,i)perylene

Concen: 37.09 ng

RT: 19.24 min Scan# 1413

Delta R.T. 0.06 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion:	276	Resp:	424142
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.8	26.6
138	21.6	34.6	51.8#

Manual Integrations
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