

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080056.D
 Acq On : 19 Jun 2015 14:05
 Operator : TP/IZ
 Sample : PB84099BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Manual Integrations
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 6/22/2015 2:40:08 PM

Quant Time: Jun 19 23:43:56 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	39754	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	162953	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	87605	20.00	ng	-0.01
63) Phenanthrene-d10	11.92	188	184360	20.00	ng	0.01
75) Chrysene-d12	15.05	240	210976	20.00	ng	0.19
86) Perylene-d12	17.03	264	201644	20.00	ng	0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	335524	149.40	ng	0.00
7) Phenol-d6	6.94	99	439969	147.22	ng	0.00
23) Nitrobenzene-d5	7.89	82	272752	97.44	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	125228	146.18	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	539683	87.85	ng	0.00
78) Terphenyl-d14	13.69	244	726605	80.43	ng	0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	34784	32.59	ng	84
3) Pyridine	4.04	79	124267	43.77	ng	# 83
4) n-Nitrosodimethylamine	3.94	42	56862	42.15	ng	94
6) Aniline	6.98	93	109051	26.52	ng	92
8) 2-Chlorophenol	7.11	128	114340	44.05	ng	82
9) Benzaldehyde	6.88	77	66264	38.41	ng	89
10) Phenol	6.95	94	151784	46.54	ng	84
11) bis(2-Chloroethyl)ether	7.05	93	108774	42.04	ng	85
12) 1,3-Dichlorobenzene	7.28	146	123652	39.66	ng	98
13) 1,4-Dichlorobenzene	7.35	146	137669m	46.42	ng	
14) 1,2-Dichlorobenzene	7.51	146	122128	42.32	ng	98
15) Benzyl Alcohol	7.45	79	101477	41.53	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.60	45	188271	49.02	ng	84
17) 2-Methylphenol	7.57	107	89696	40.46	ng	# 91
18) Hexachloroethane	7.85	117	43187	43.74	ng	91
19) n-Nitroso-di-n-propylamine	7.73	70	90367	43.55	ng	# 76
20) 3+4-Methylphenols	7.72	107	132095	46.17	ng	93
22) Acetophenone	7.73	105	159063	41.89	ng	# 80
24) Nitrobenzene	7.91	77	125737	43.52	ng	# 76
25) Isophorone	8.14	82	225457	40.02	ng	# 81
26) 2-Nitrophenol	8.23	139	60707	50.20	ng	# 72
27) 2,4-Dimethylphenol	8.25	122	120817	47.91	ng	# 84
28) bis(2-Chloroethoxy)methane	8.34	93	142157	42.95	ng	# 93
29) 2,4-Dichlorophenol	8.47	162	113018	52.34	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	116418	47.47	ng	99
31) Naphthalene	8.64	128	336954m	39.55	ng	
32) Benzoic acid	8.31	122	54176	35.53	ng	# 60
33) 4-Chloroaniline	8.68	127	69624m	19.10	ng	
34) Hexachlorobutadiene	8.77	225	66085	43.76	ng	99
35) Caprolactam	9.02	113	32205	45.95	ng	87
36) 4-Chloro-3-methylphenol	9.16	107	104717	42.99	ng	97
37) 2-Methylnaphthalene	9.34	142	247768	44.96	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	116809	45.82	ng	99
40) Hexachlorocyclopentadiene	9.50	237	119328	90.11	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	80306	46.30	ng	97
43) 2,4,5-Trichlorophenol	9.65	196	79575	39.82	ng #	84
45) 1,1'-Biphenyl	9.81	154	307106	43.09	ng	95
46) 2-Chloronaphthalene	9.83	162	223972	38.73	ng #	92
47) 2-Nitroaniline	9.92	65	65626	41.34	ng	96
48) Acenaphthylene	10.25	152	382772	39.65	ng	97
49) Dimethylphthalate	10.09	163	293616	44.58	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	56562	42.84	ng #	37
51) Acenaphthene	10.42	154	253460	42.92	ng	92
52) 3-Nitroaniline	10.32	138	40069	26.30	ng #	42
53) 2,4-Dinitrophenol	10.44	184	59907	109.18	ng #	1
54) Dibenzofuran	10.60	168	343924	41.04	ng #	85
55) 4-Nitrophenol	10.47	139	110791	90.99	ng #	50
56) 2,4-Dinitrotoluene	10.56	165	84720	50.56	ng #	82
57) Fluorene	10.95	166	298886	44.95	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.72	232	69935	41.45	ng	97
59) Diethylphthalate	10.79	149	268896	40.55	ng	95
60) 4-Chlorophenyl-phenylether	10.93	204	133556	41.80	ng #	81
61) 4-Nitroaniline	10.94	138	61958	39.38	ng #	42
62) Azobenzene	11.10	77	271241	40.18	ng	95
64) 4,6-Dinitro-2-methylphenol	10.97	198	38125	42.83	ng	84
65) n-Nitrosodiphenylamine	11.04	169	238398	39.71	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	82035	41.85	ng #	88
67) Hexachlorobenzene	11.52	284	87695	40.25	ng #	76
68) Atrazine	11.57	200	72805	38.39	ng	82
69) Pentachlorophenol	11.70	266	97007	78.58	ng	97
70) Phenanthrene	11.94	178	455259	40.79	ng	96
71) Anthracene	12.00	178	461830	42.97	ng	98
72) Carbazole	12.15	167	395038	38.50	ng	96
73) Di-n-butylphthalate	12.49	149	481937	40.65	ng #	98
74) Fluoranthene	13.26	202	479834	40.37	ng	91
76) Benzidine	13.38	184	290044	49.18	ng #	97
77) Pyrene	13.53	202	520243	40.05	ng	97
79) Butylbenzylphthalate	14.28	149	220486	42.27	ng	89
80) Benzo(a)anthracene	15.04	228	499987	38.90	ng	97
81) 3,3'-Dichlorobenzidine	14.99	252	151693	34.22	ng #	93
82) Chrysene	15.09	228	457040	38.56	ng	94
83) Bis(2-ethylhexyl)phthalate	15.02	149	328518	39.85	ng #	91
84) Di-n-octyl phthalate	15.90	149	551964	39.07	ng	96
85) Indeno(1,2,3-cd)pyrene	18.91	276	531410	35.56	ng #	89
87) Benzo(b)fluoranthene	16.48	252	533852	43.73	ng #	87
88) Benzo(k)fluoranthene	16.52	252	426816	34.33	ng #	89
89) Benzo(a)pyrene	16.95	252	475284	40.99	ng #	87
90) Dibenzo(a,h)anthracene	18.94	278	451707	38.06	ng #	80
91) Benzo(g,h,i)perylene	19.48	276	453605	37.86	ng #	76

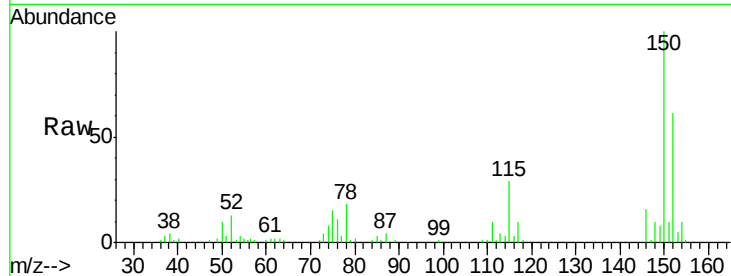
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

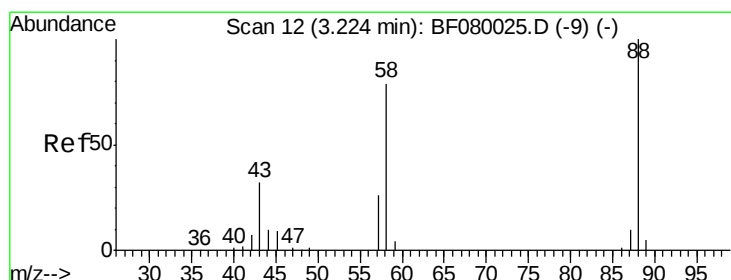
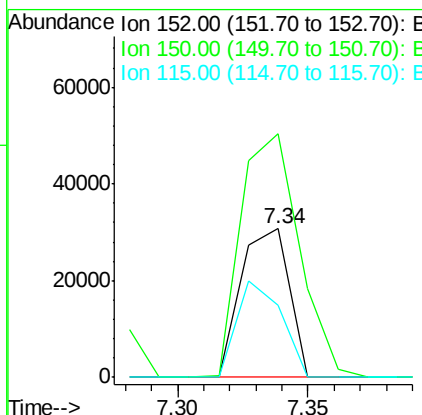
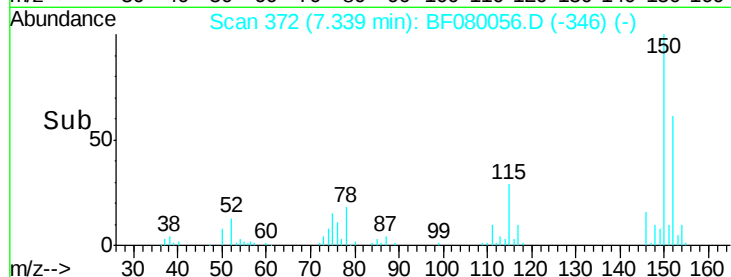
Instrument :
BNA_F
ClientSampleId :
PB84099BS



Tgt Ion:152 Resp: 39754
Ion Ratio Lower Upper
152 100
150 164.2 124.7 187.1
115 48.2 39.0 58.4

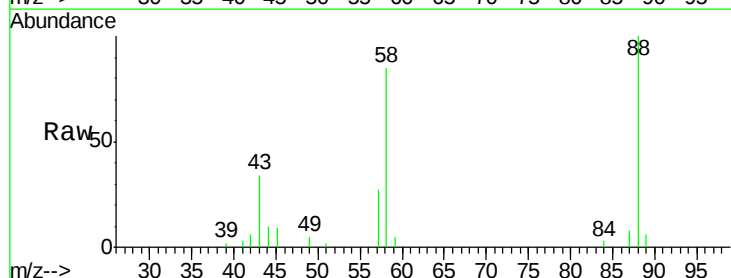
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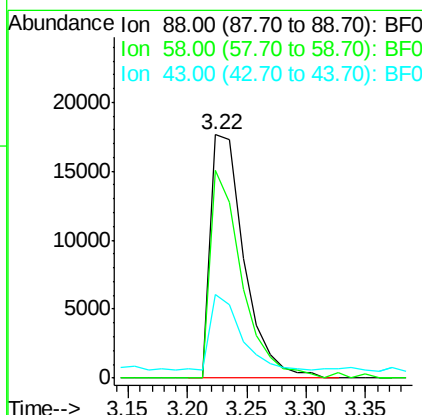
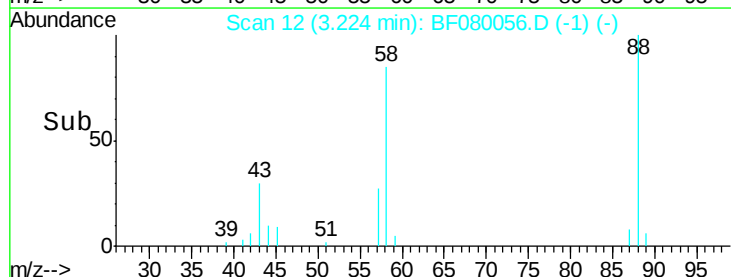


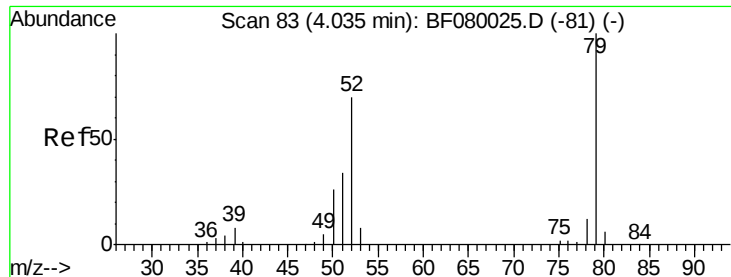
#2

1,4-Dioxane
Concen: 32.59 ng
RT: 3.22 min Scan# 12
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05



Tgt Ion: 88 Resp: 34784
Ion Ratio Lower Upper
88 100
58 79.8 77.7 116.5
43 27.4 26.6 40.0





#3

Pyridine

Concen: 43.77 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

Tgt Ion: 79 Resp: 124267
Ion Ratio Lower Upper

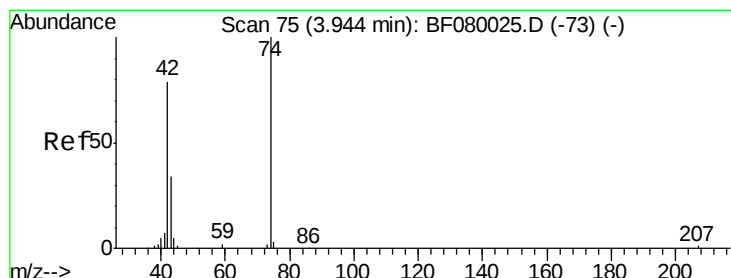
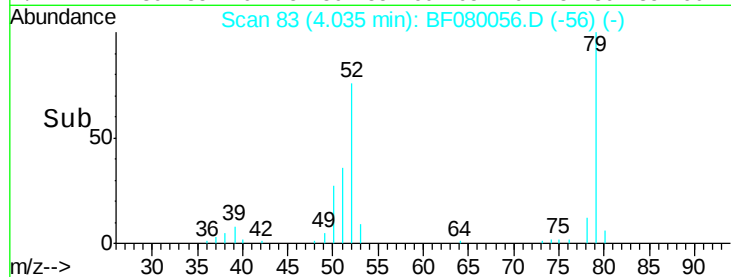
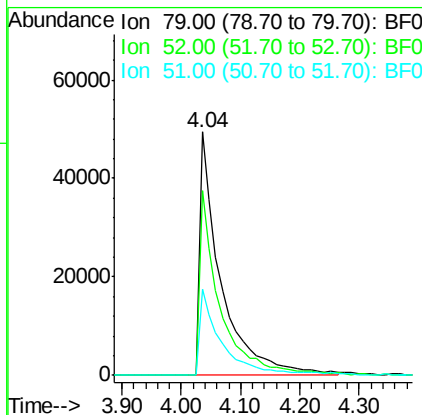
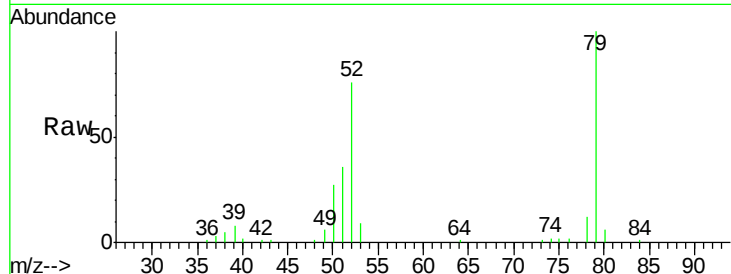
79 100

52 75.8 76.8 115.2#

51 35.6 32.2 48.4

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#4

n-Nitrosodimethylamine

Concen: 42.15 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF080056.D

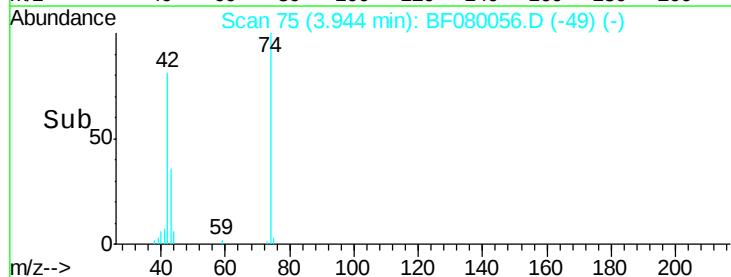
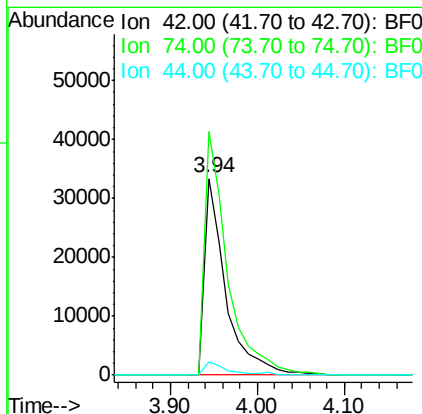
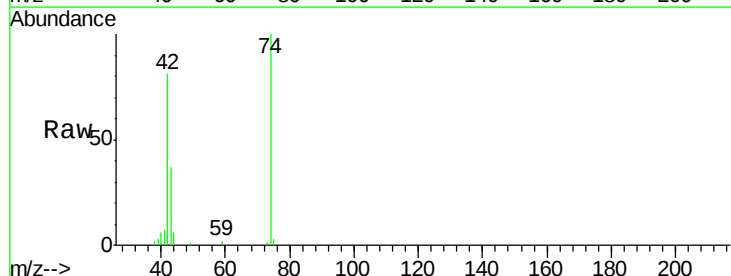
Acq: 19 Jun 2015 14:05

Tgt Ion: 42 Resp: 56862
Ion Ratio Lower Upper

42 100

74 123.9 105.0 157.6

44 7.0 6.6 10.0





#5

2-Fluorophenol

Concen: 149.40 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080056.D

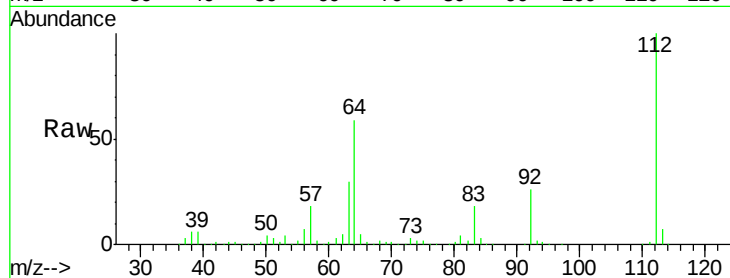
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleID :

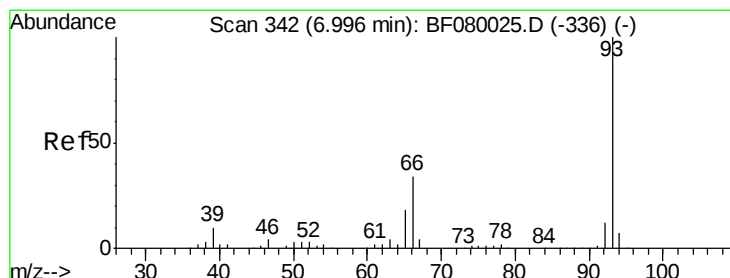
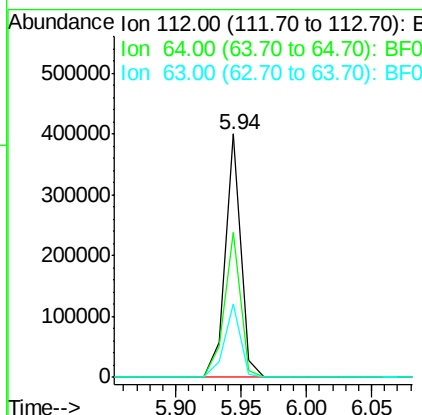
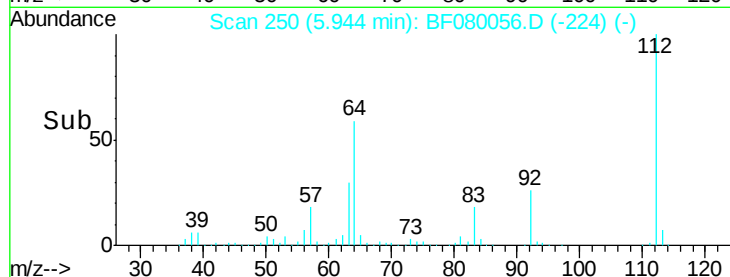
PB84099BS



Tgt Ion:	112	Resp:	335524
Ion Ratio	Lower	Upper	
112	100		
64	59.4	39.7	59.5
63	30.0	17.4	26.0

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#6

Aniline

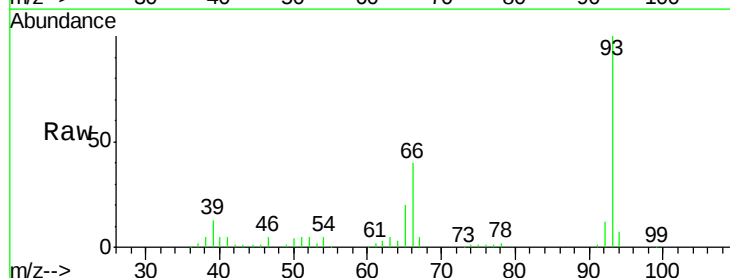
Concen: 26.52 ng

RT: 6.98 min Scan# 341

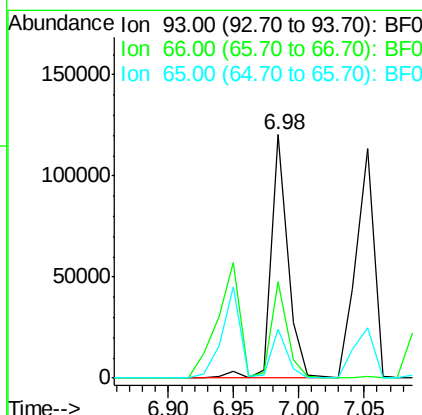
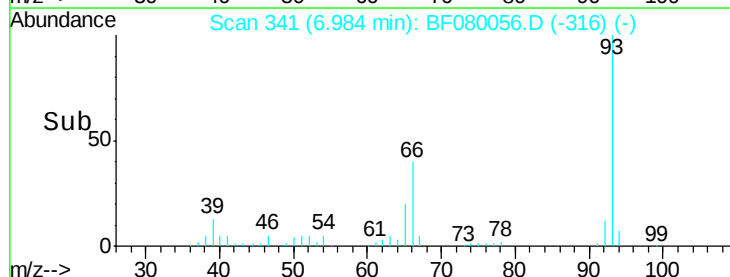
Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05



Tgt Ion:	93	Resp:	109051
Ion Ratio	Lower	Upper	
93	100		
66	39.5	27.2	40.8
65	20.1	14.7	22.1





#7

Phenol-d6

Concen: 147.22 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080056.D

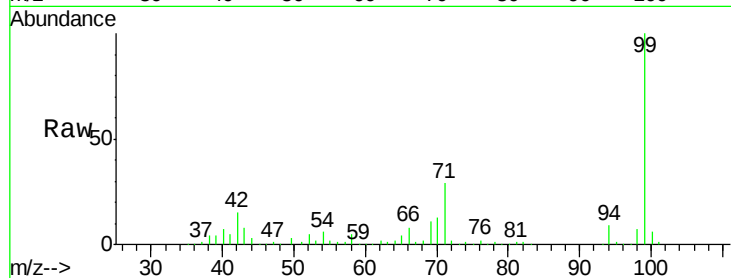
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampled :

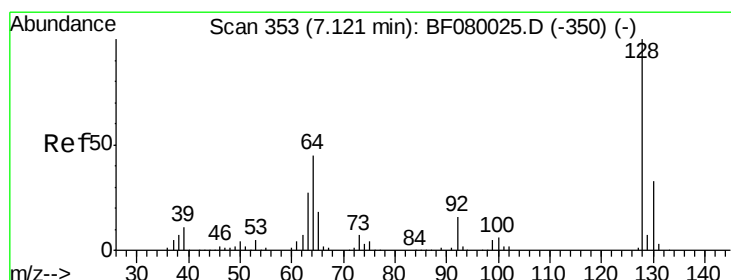
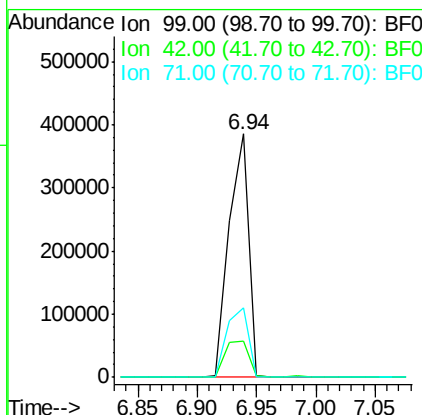
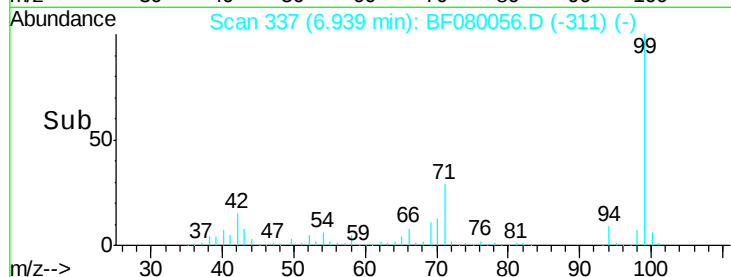
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Tgt Ion:	99	Resp:	439969
Ion Ratio	Lower	Upper	
99	100		
42	14.7	13.7	20.5
71	28.8	14.2	21.2#

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#8

2-Chlorophenol

Concen: 44.05 ng

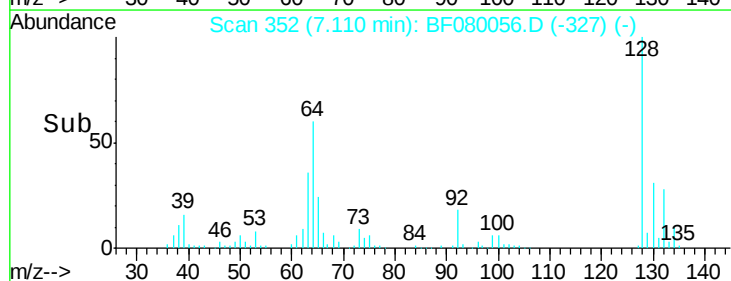
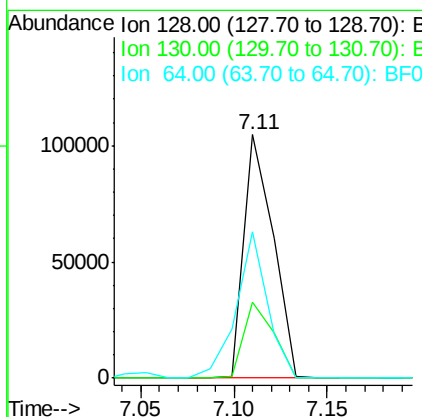
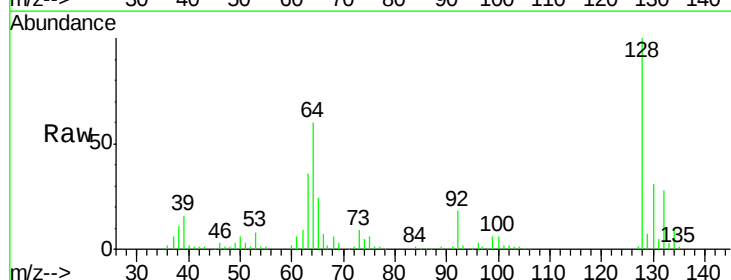
RT: 7.11 min Scan# 352

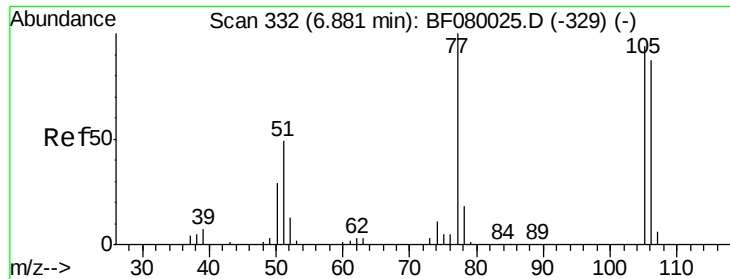
Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	128	Resp:	114340
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.2	52.2
64	60.0	20.5	60.5





#9

Benzaldehyde

Concen: 38.41 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

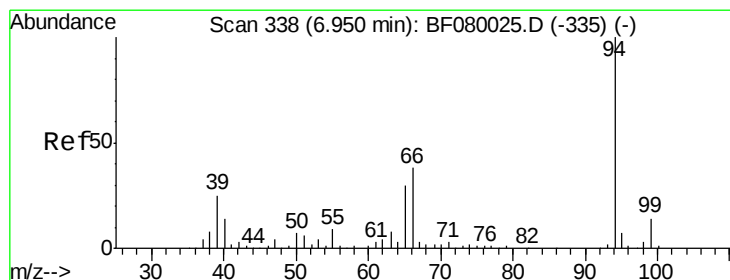
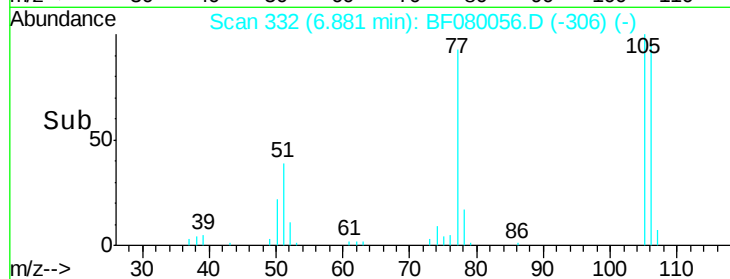
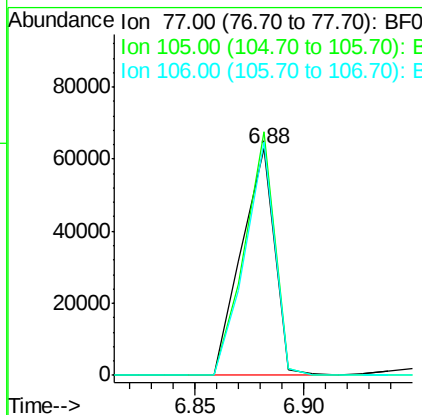
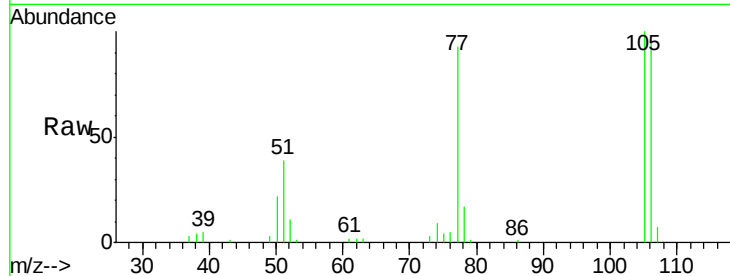
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Tgt Ion:	77	Resp:	66264
Ion	Ratio	Lower	Upper
77	100		
105	107.5	91.6	131.6
106	103.1	102.6	142.6



#10

Phenol

Concen: 46.54 ng

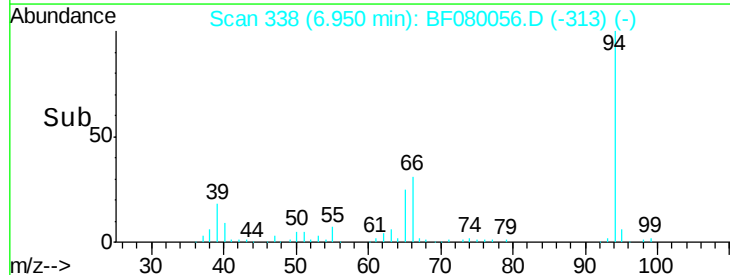
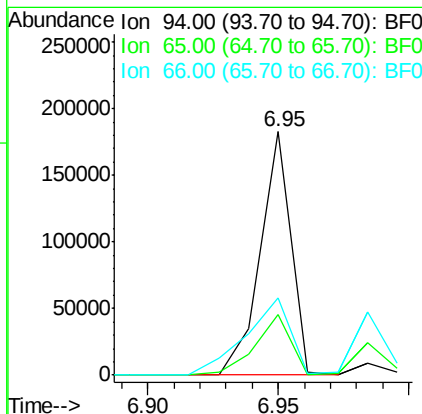
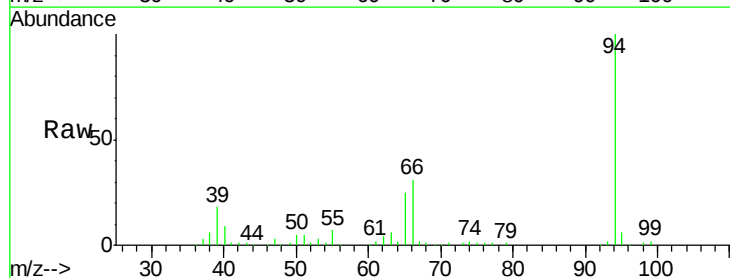
RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	94	Resp:	151784
Ion	Ratio	Lower	Upper
94	100		
65	24.8	0.7	40.7
66	31.5	0.8	40.8





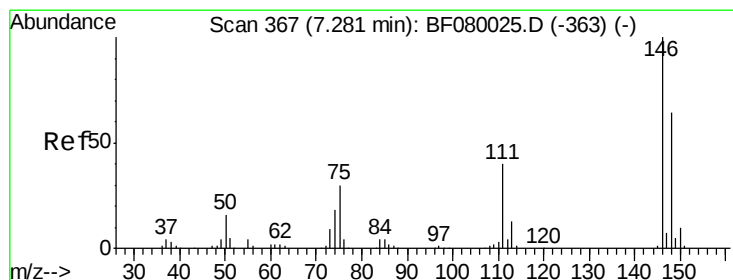
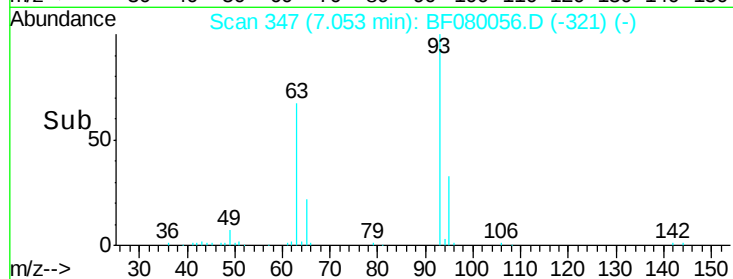
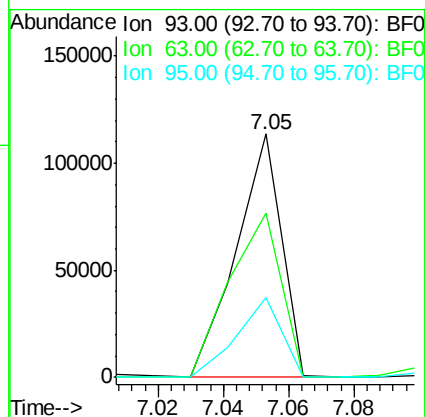
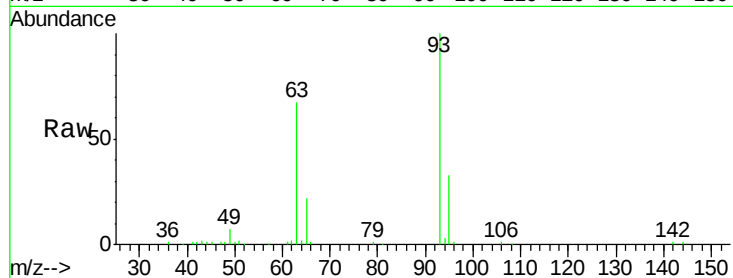
#11
bis(2-Chloroethyl)ether
Concen: 42.04 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	67.4	65.6	105.6
95	32.9	13.6	53.6

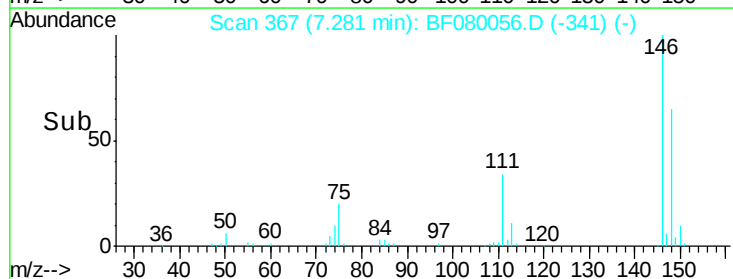
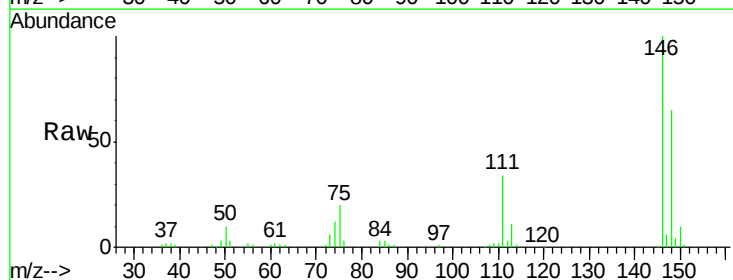
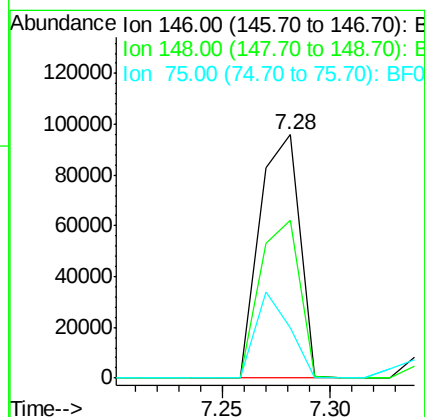
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#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 7.28 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
75	20.5	15.0	22.6





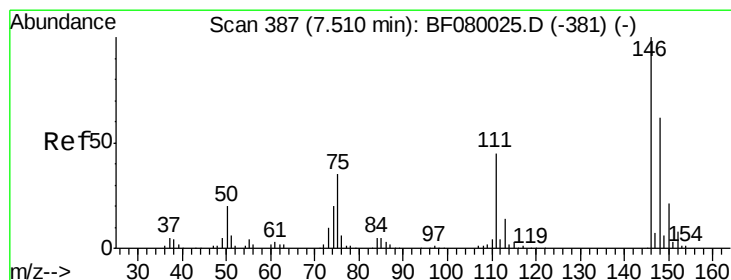
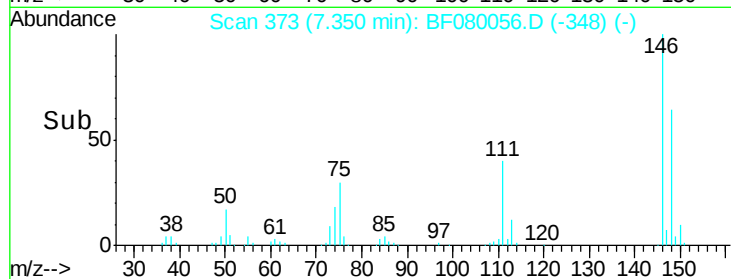
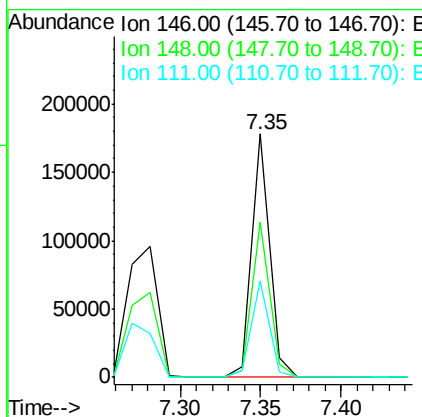
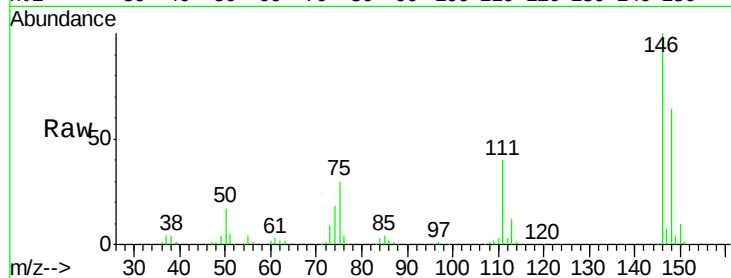
#13
 1,4-Dichlorobenzene
 Concen: 46.42 ng m
 RT: 7.35 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	39.9	24.9	37.3

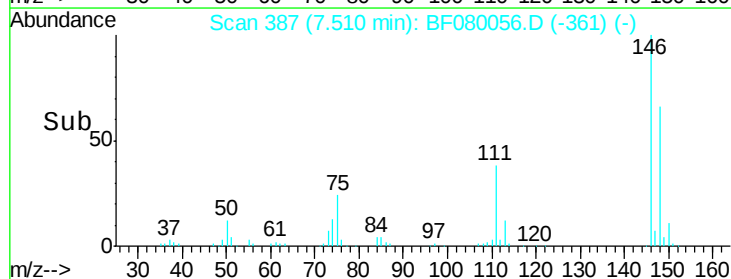
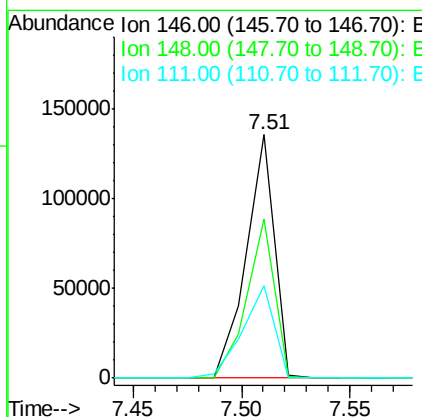
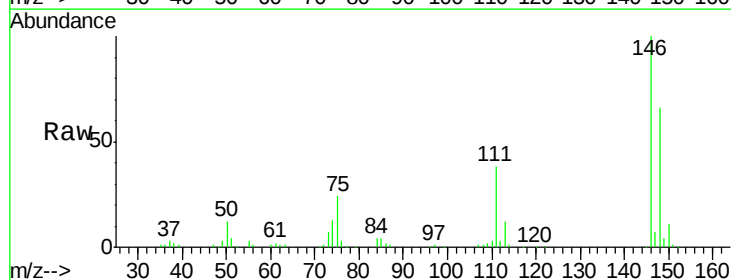
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#14
 1,2-Dichlorobenzene
 Concen: 42.32 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
111	38.0	28.8	43.2





#15

Benzyl Alcohol

Concen: 41.53 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

Tgt Ion: 79 Resp: 101477
Ion Ratio Lower Upper

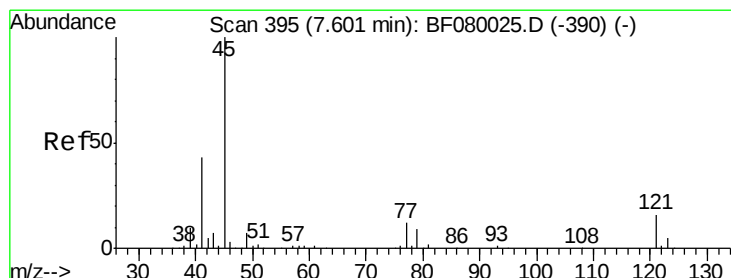
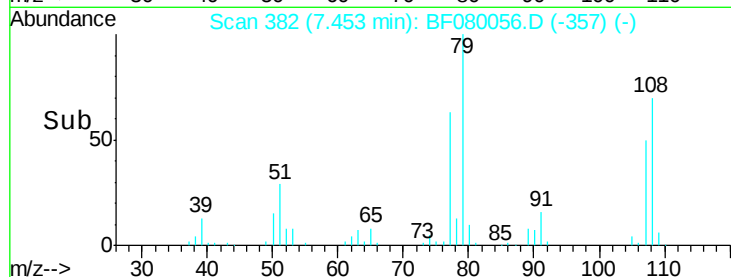
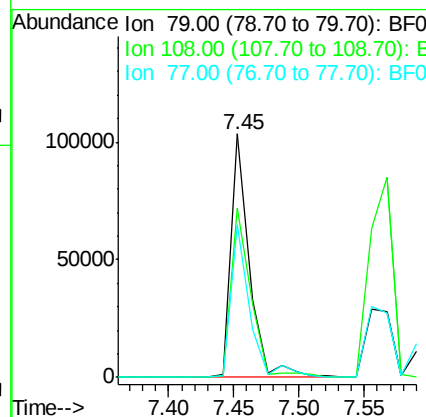
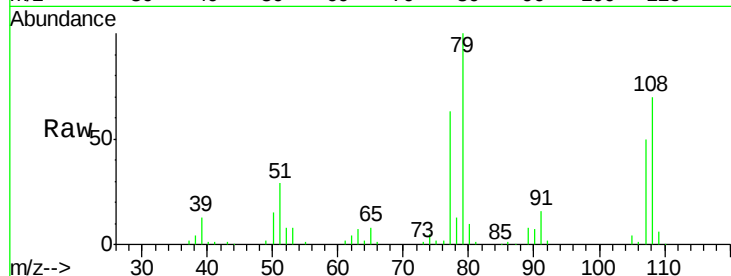
79 100

108 69.7 88.6 132.8#

77 62.6 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.02 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080056.D

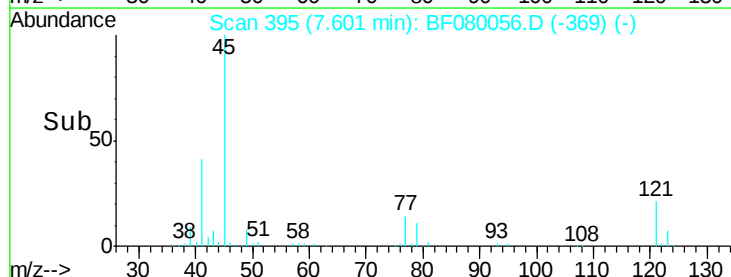
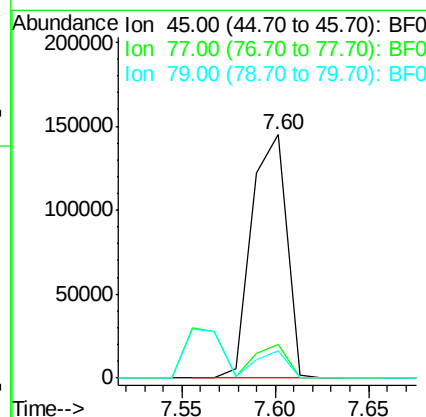
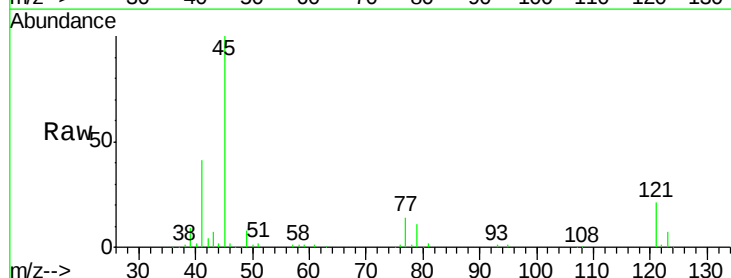
Acq: 19 Jun 2015 14:05

Tgt Ion: 45 Resp: 188271
Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

79 11.0 0.0 26.0





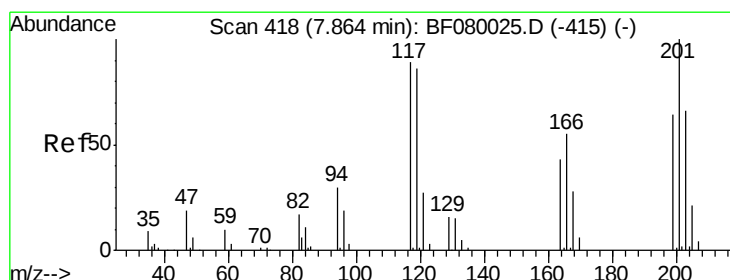
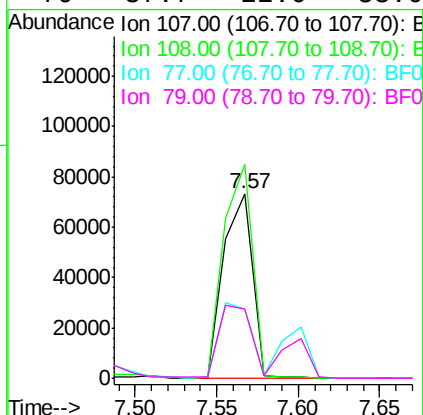
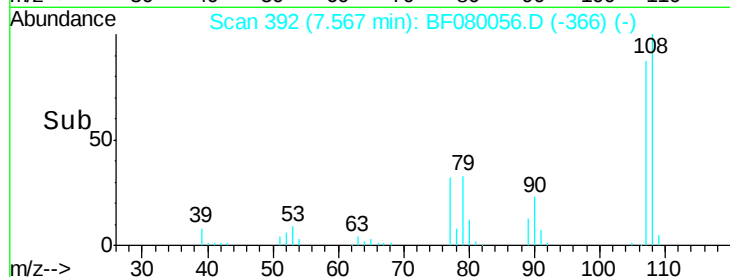
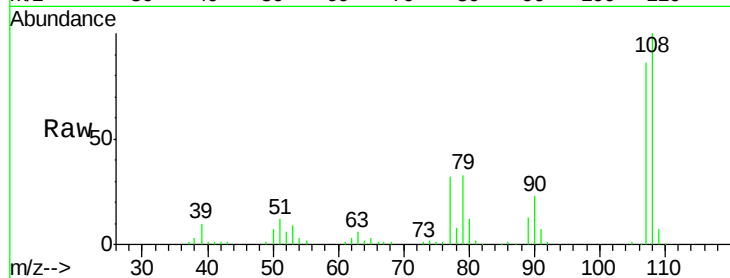
#17
2-Methylphenol
Concen: 40.46 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.7	96.6	145.0
77	37.3	23.3	34.9
79	37.7	22.0	33.0

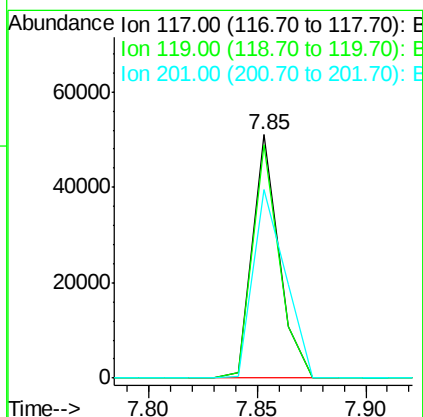
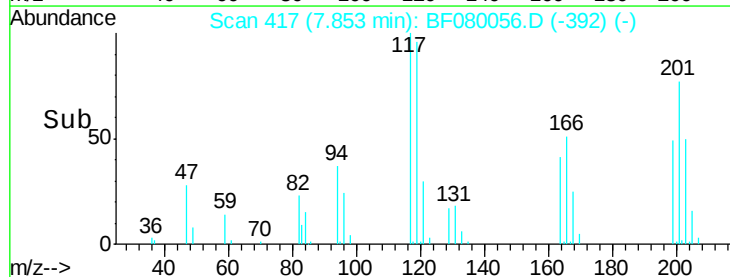
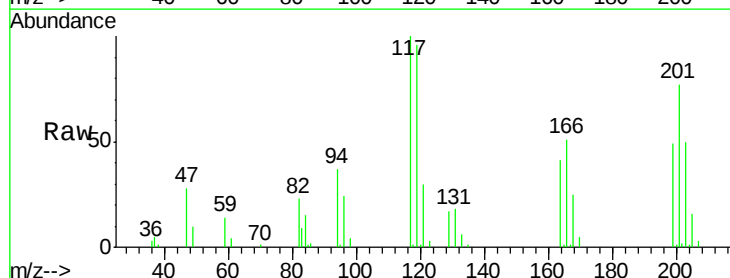
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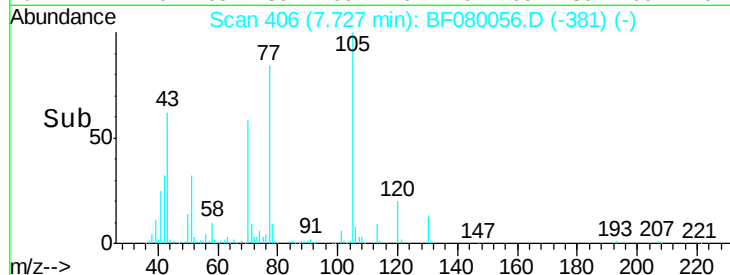
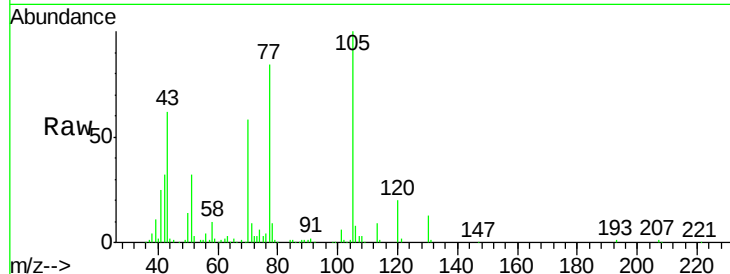
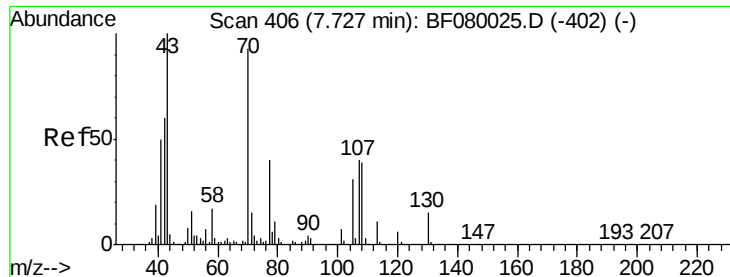
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#18
Hexachloroethane
Concen: 43.74 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.7	83.8	125.6
201	77.2	55.1	82.7





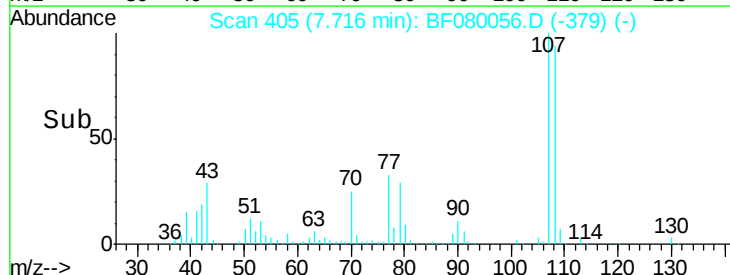
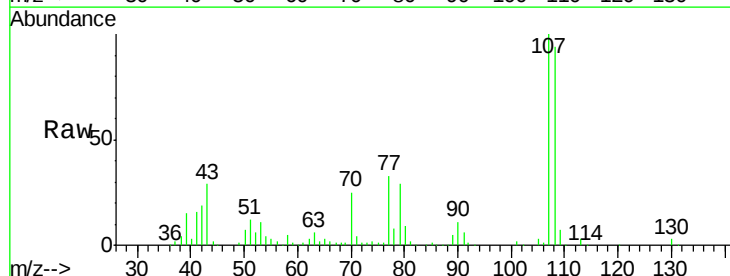
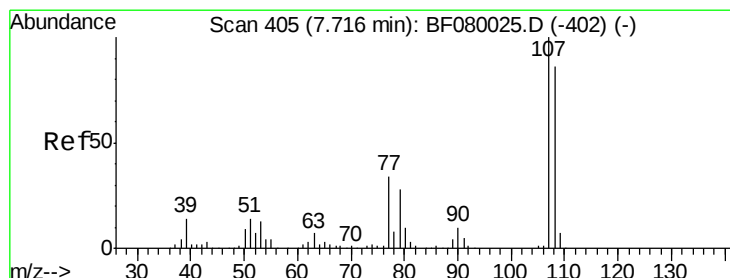
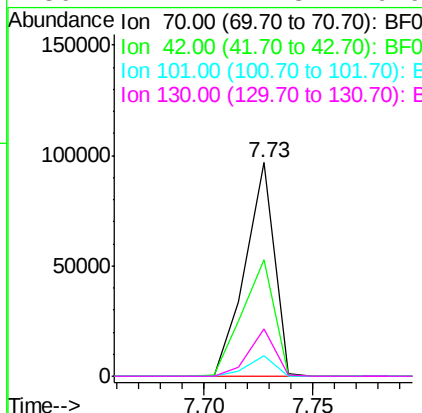
#19
n-Nitroso-di-n-propylamine
Concen: 43.55 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	63.8	95.6#
101	9.7	9.2	13.8
130	22.2	27.3	40.9#

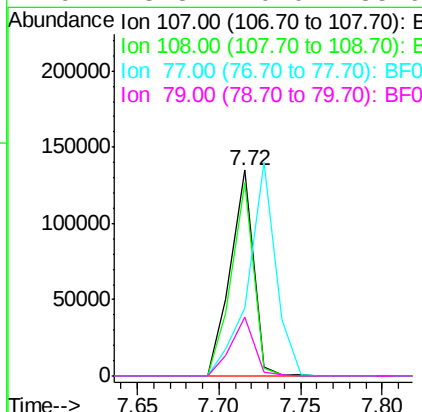
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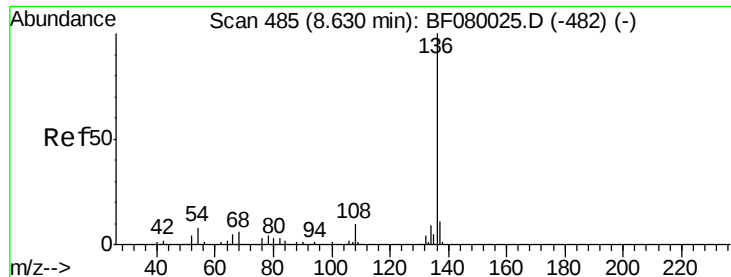
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#20
3+4-Methylphenols
Concen: 46.17 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	74.6	114.6
77	33.0	0.7	40.7
79	28.8	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

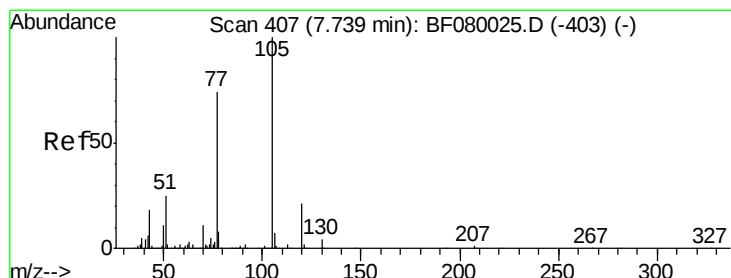
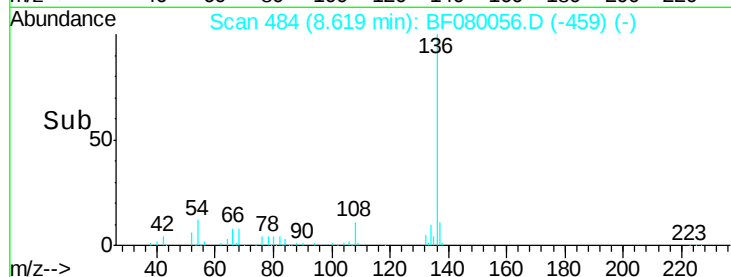
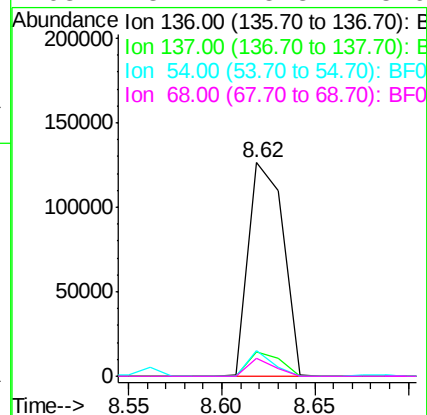
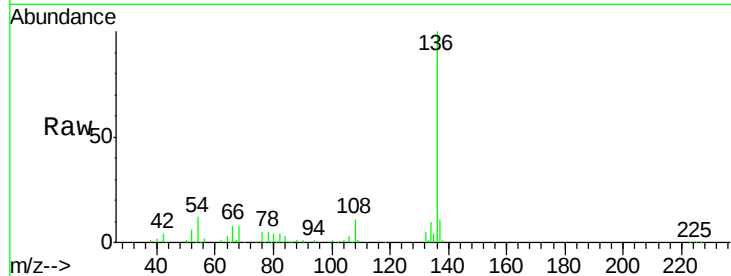
PB84099BS

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Tgt Ion	136	Resp	162953
Ion Ratio	100	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	12.0	8.2	12.2
68	8.4	5.8	8.6



#22

Acetophenone

Concen: 41.89 ng

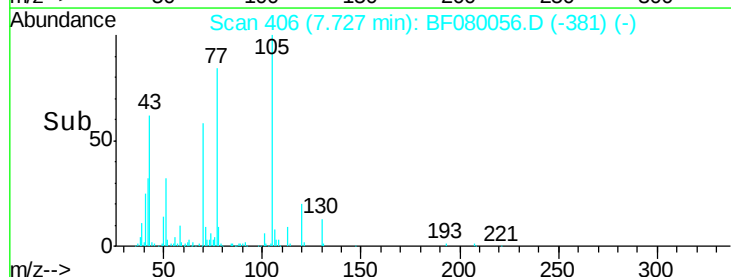
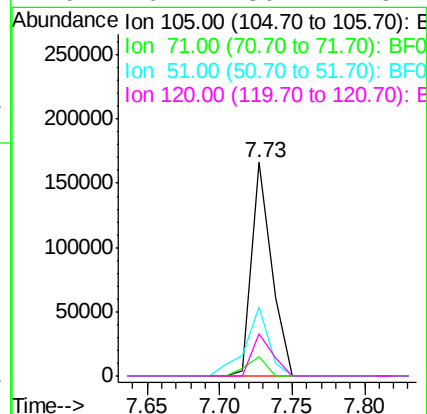
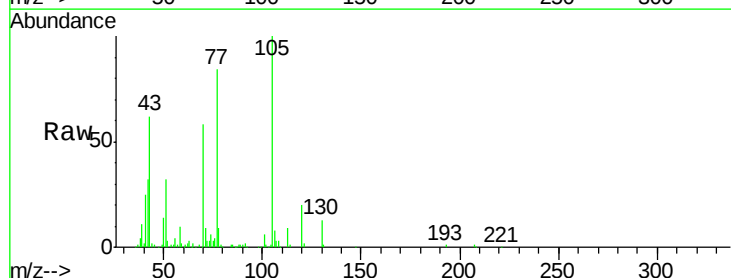
RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion	105	Resp	159063
Ion Ratio	100	Lower	Upper
105	100		
71	9.2	4.7	7.1#
51	32.2	22.0	33.0
120	20.1	30.1	45.1#





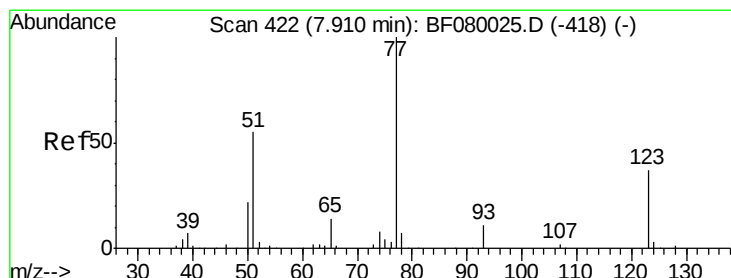
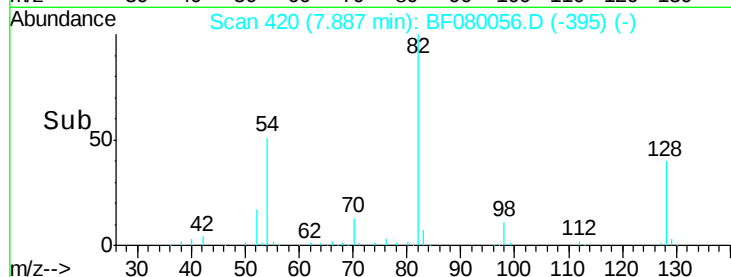
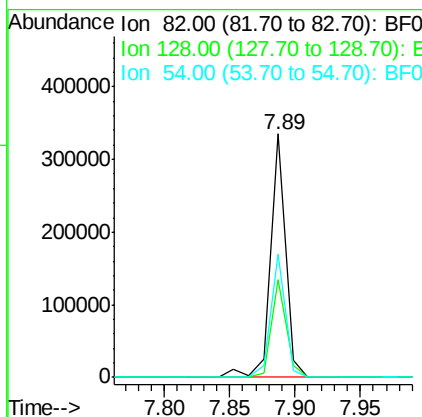
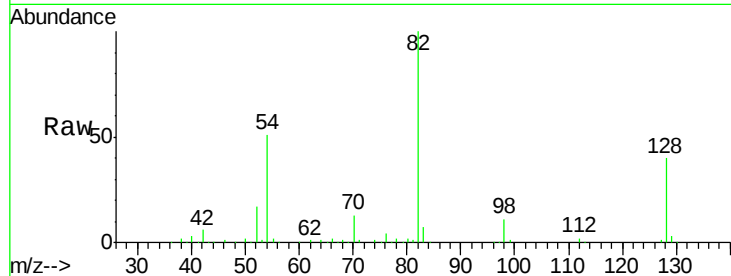
#23
Nitrobenzene-d5
Concen: 97.44 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.3	51.0	76.6#
54	50.6	47.5	71.3

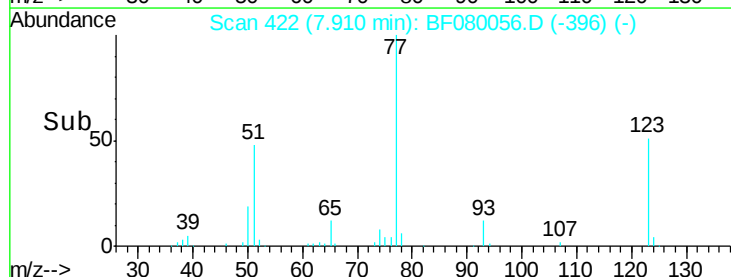
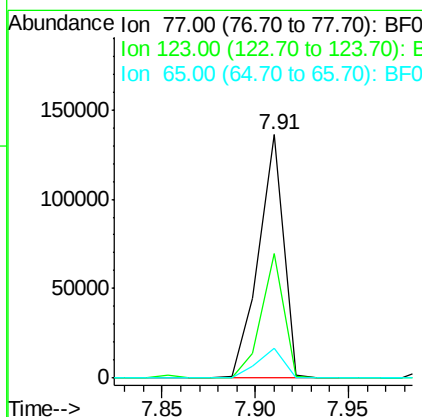
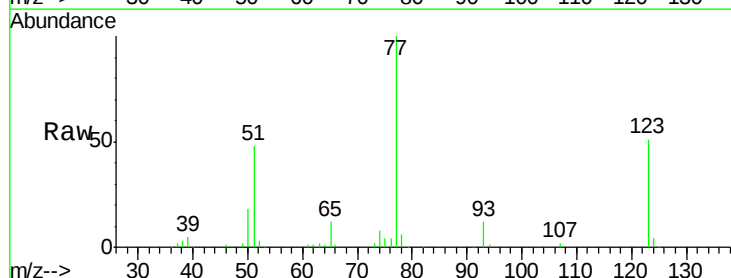
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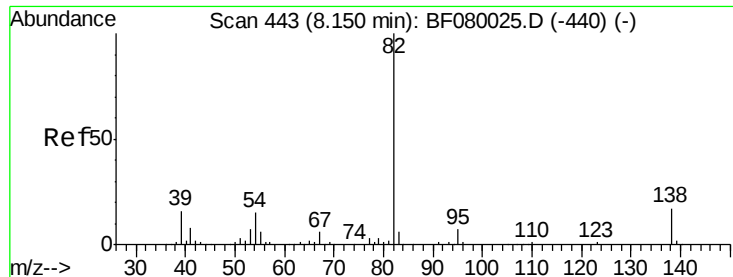
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#24
Nitrobenzene
Concen: 43.52 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	51.4	59.8	89.8#
65	12.4	10.2	15.4





#25

Isophorone

Concen: 40.02 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS

Tgt Ion: 82 Resp: 225457
Ion Ratio Lower Upper

82 100

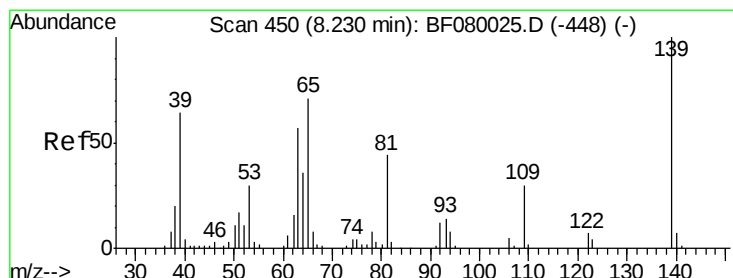
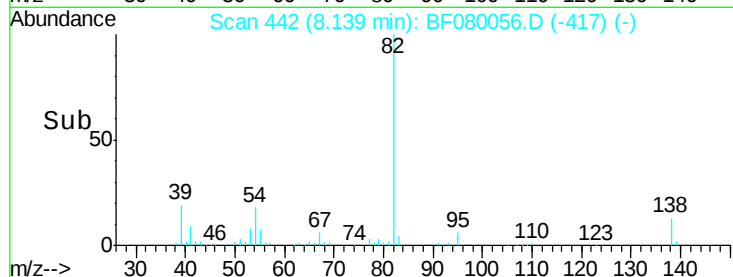
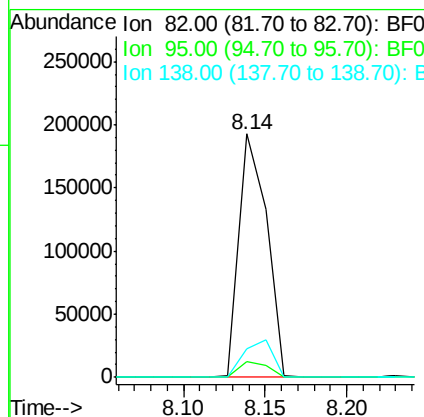
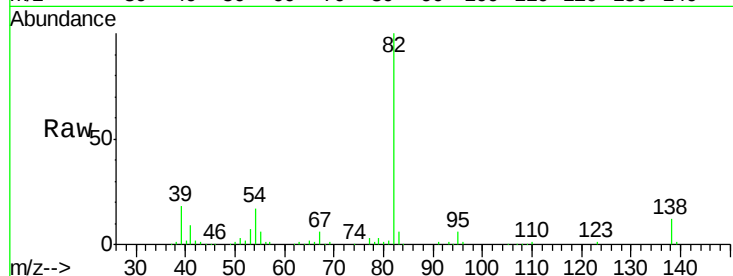
95 6.3 4.0 6.0#

138 11.9 18.3 27.5#

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#26

2-Nitrophenol

Concen: 50.20 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080056.D

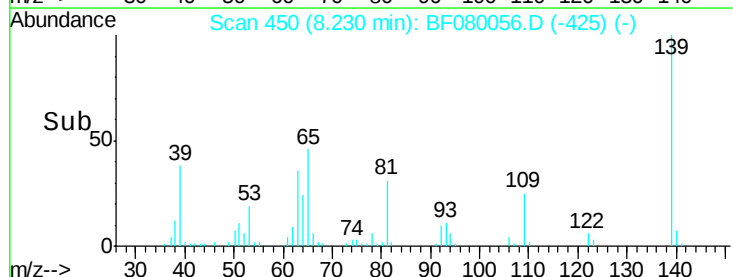
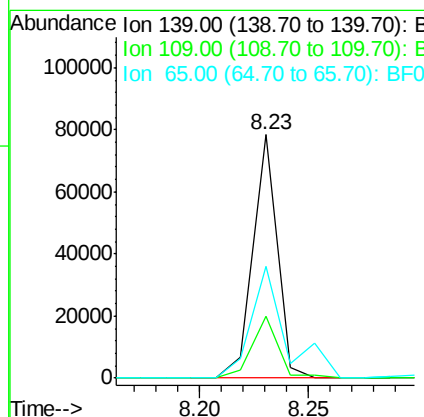
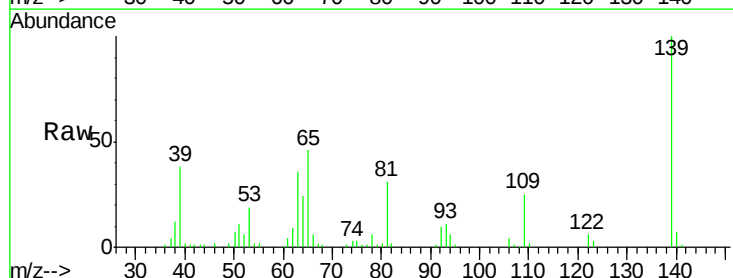
Acq: 19 Jun 2015 14:05

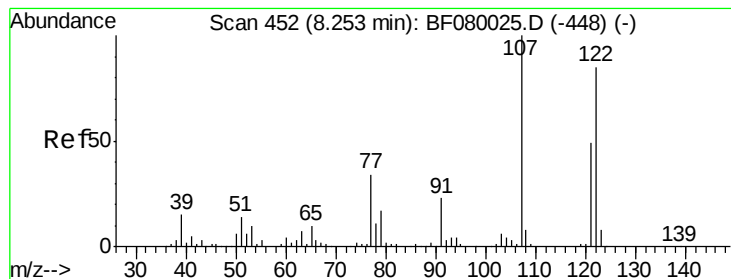
Tgt Ion: 139 Resp: 60707
Ion Ratio Lower Upper

139 100

109 25.2 11.0 16.4#

65 46.1 24.7 37.1#





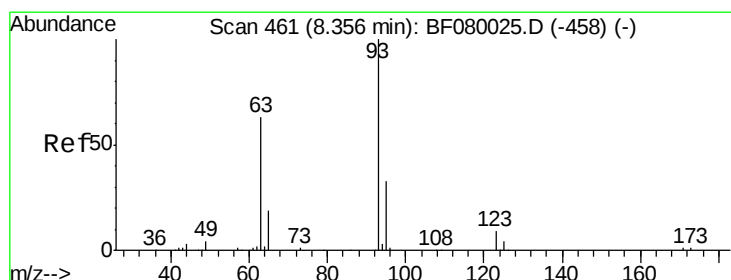
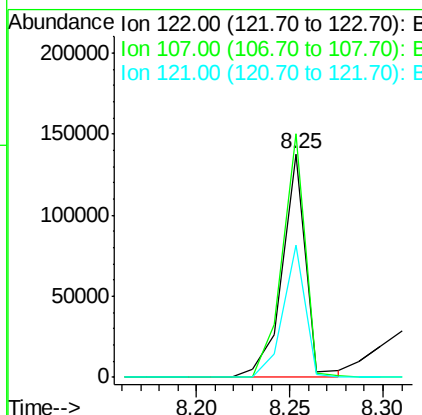
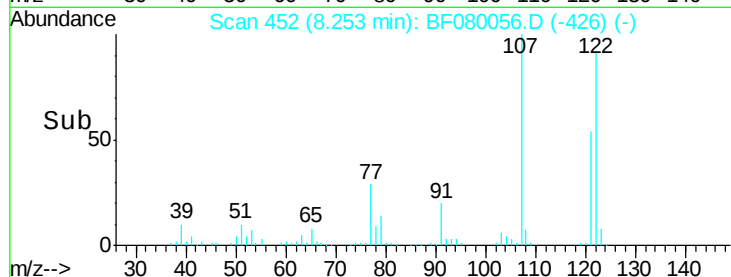
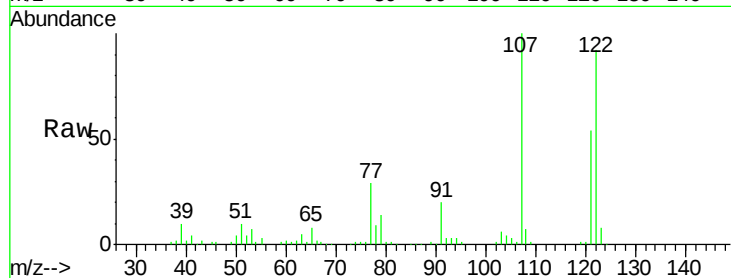
#27
 2,4-Dimethylphenol
 Concen: 47.91 ng
 RT: 8.25 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	120817		
107	108.9	71.8	107.6#	
121	59.2	42.3	63.5	

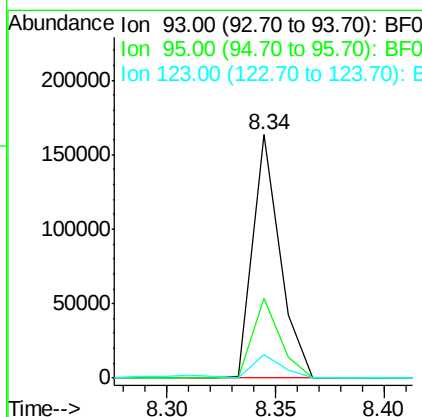
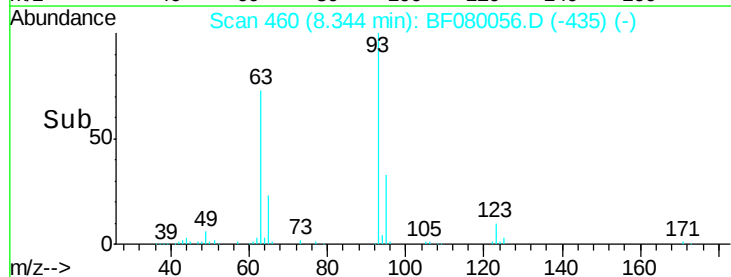
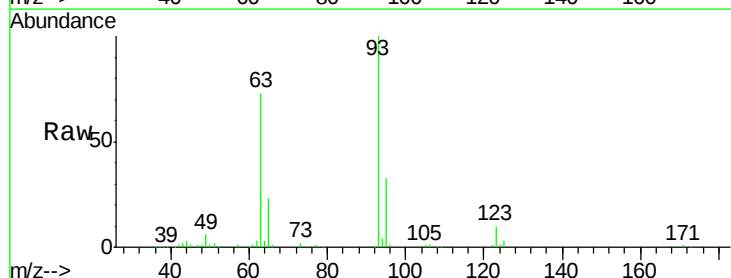
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.95 ng
 RT: 8.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142157		
95	33.0	27.5	41.3	
123	9.5	13.7	20.5#	





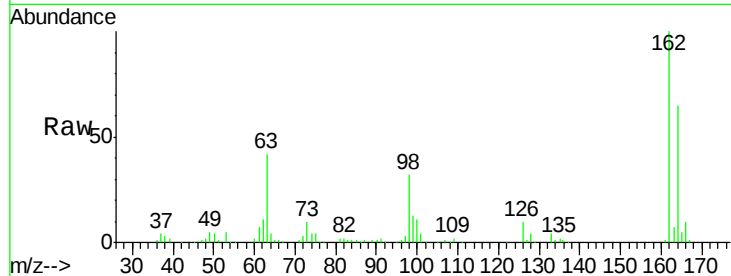
#29
2,4-Dichlorophenol
Concen: 52.34 ng
RT: 8.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

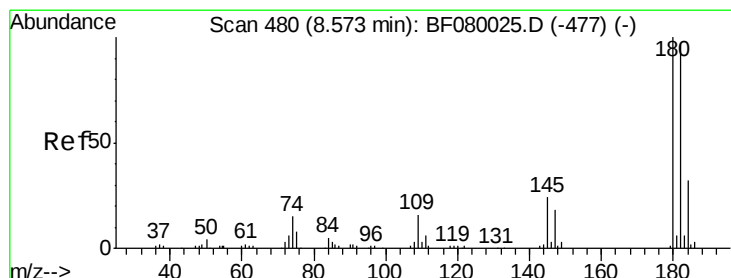
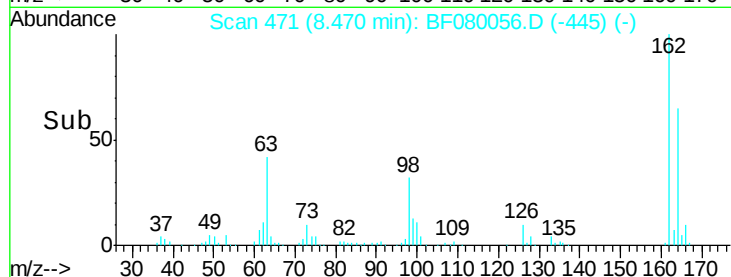
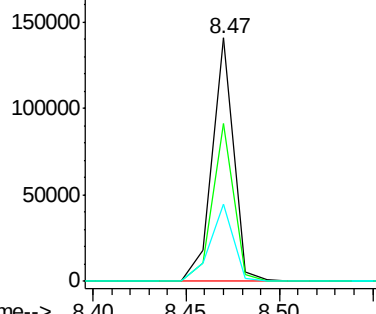
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	44.9	84.9
98	31.8	13.0	53.0

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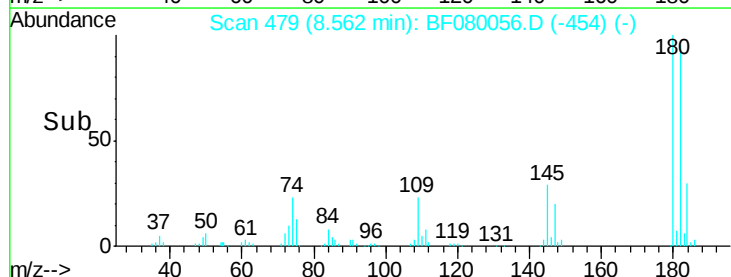
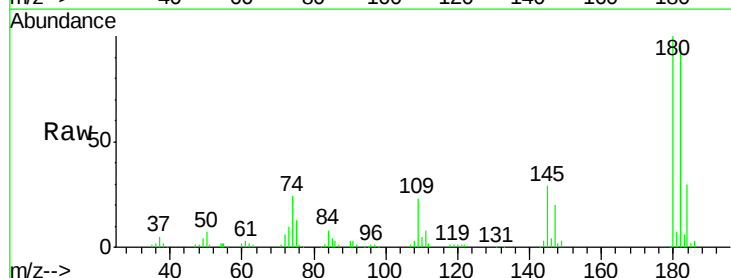
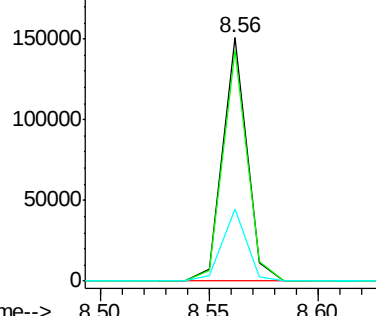
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

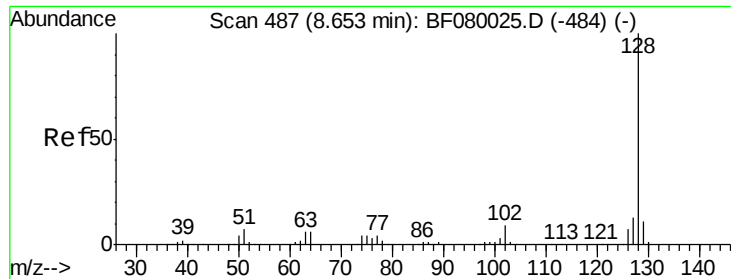


#30
1,2,4-Trichlorobenzene
Concen: 47.47 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	77.1	115.7
145	29.5	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





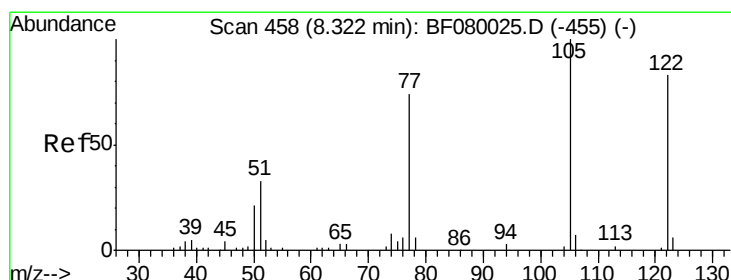
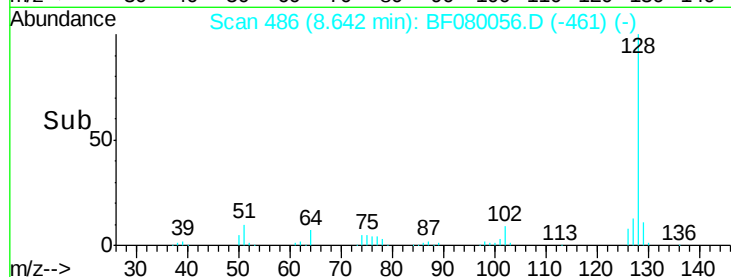
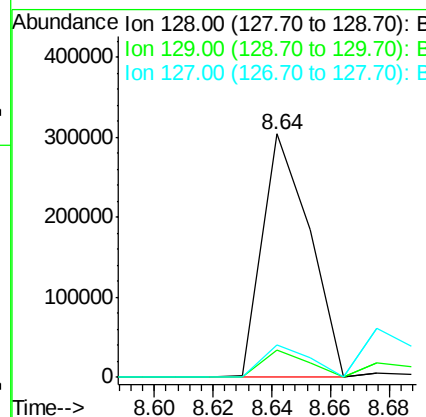
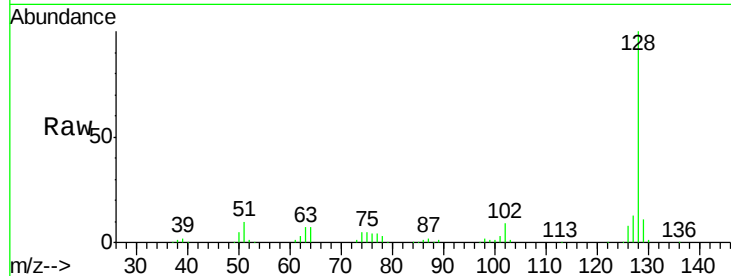
#31
Naphthalene
Concen: 39.55 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.4	12.6
127	13.1	9.9	14.9

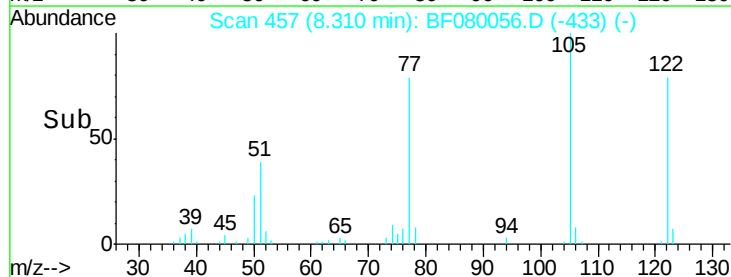
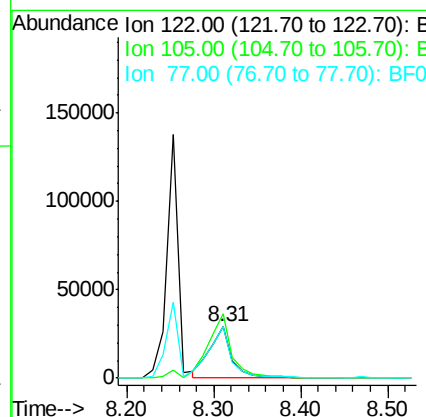
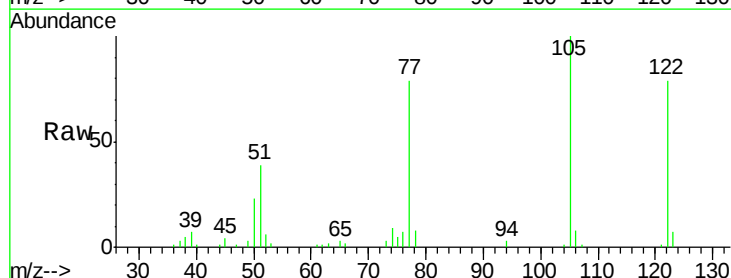
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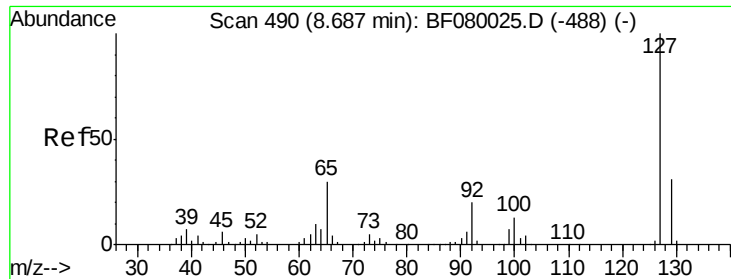
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#32
Benzoic acid
Concen: 35.53 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	127.0	76.1	116.1#
77	100.3	40.5	80.5#





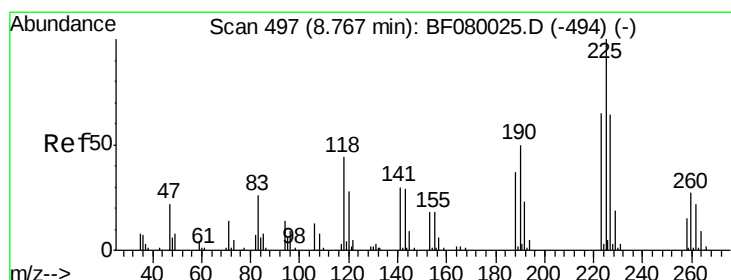
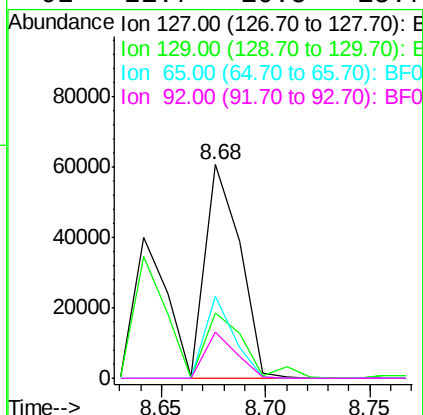
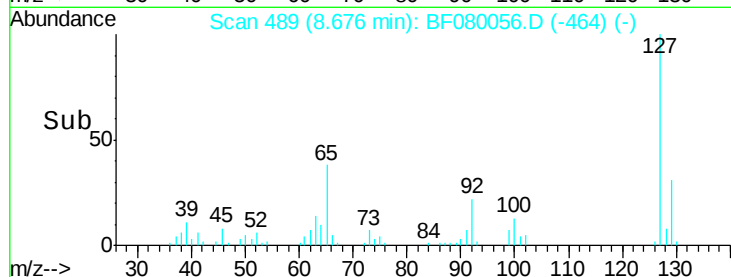
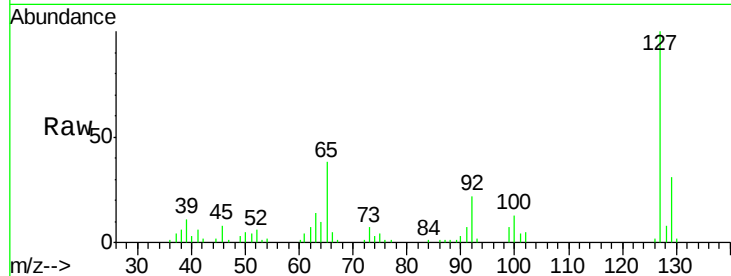
#33
4-Chloroaniline
Concen: 19.10 ng m
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.6
65	38.4	17.9	26.9#
92	21.7	10.5	15.7#

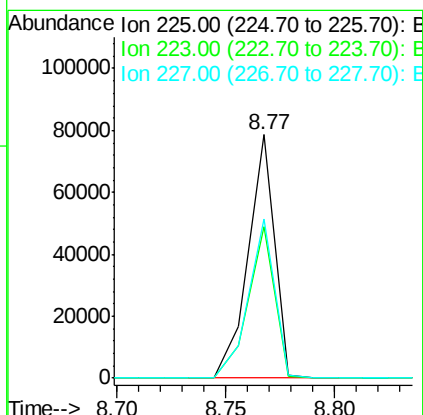
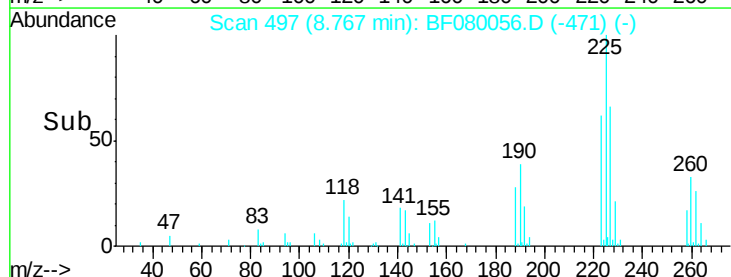
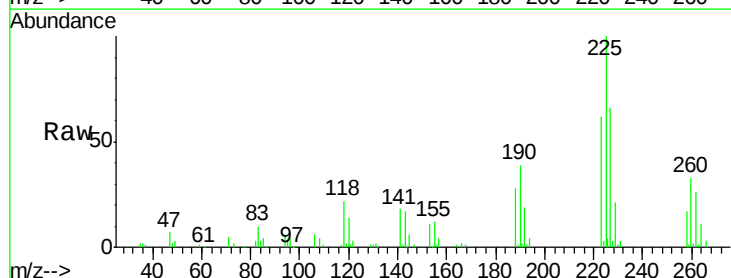
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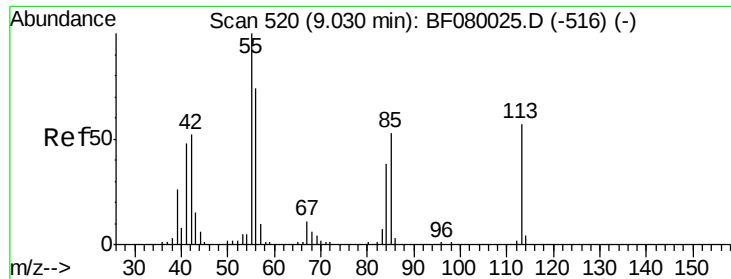
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#34
Hexachlorobutadiene
Concen: 43.76 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.2
227	65.5	52.2	78.2





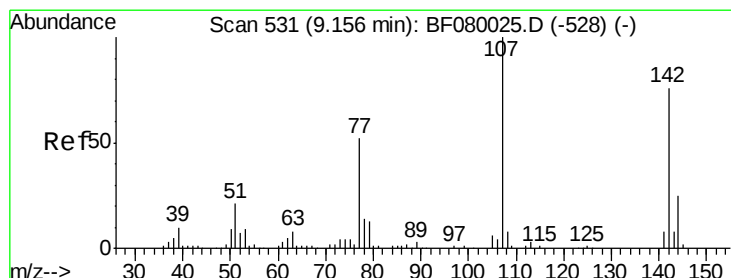
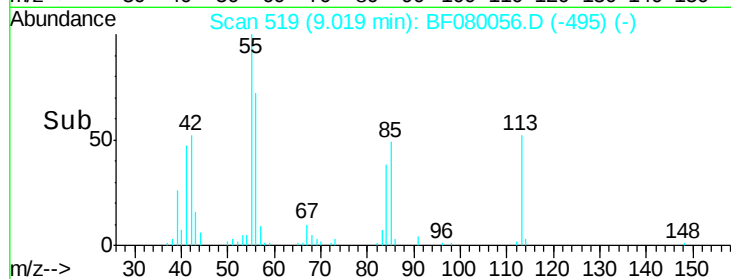
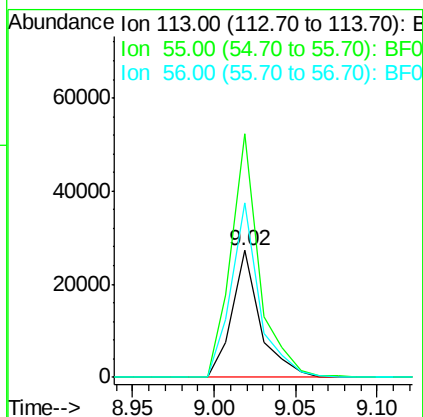
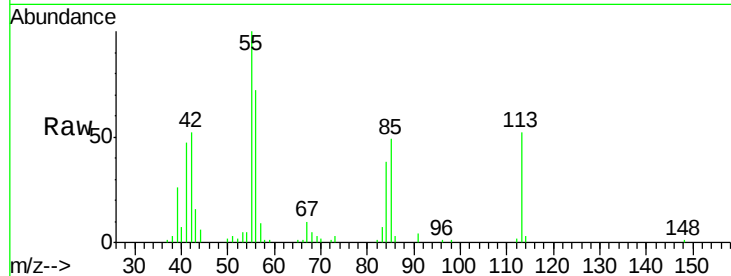
#35
 Caprolactam
 Concen: 45.95 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	32205		
55	192.3		152.4	192.4
56	138.2		104.6	144.6

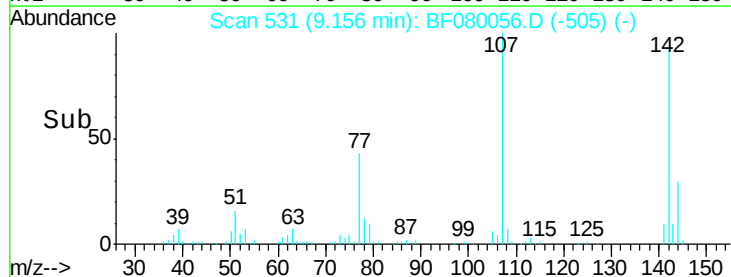
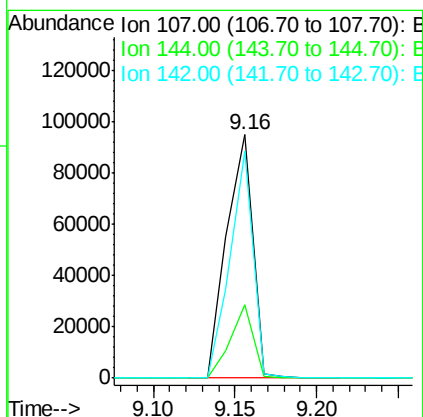
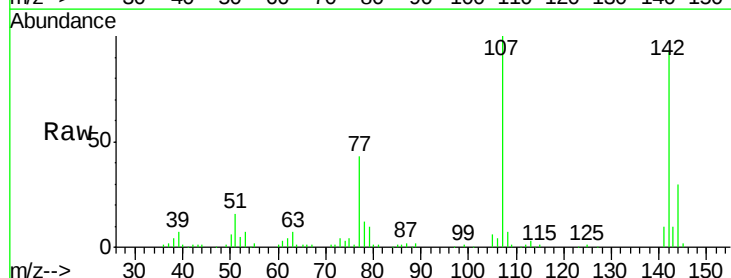
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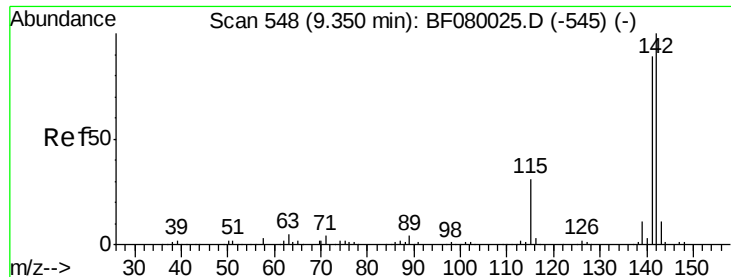
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#36
 4-Chloro-3-methylphenol
 Concen: 42.99 ng
 RT: 9.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	104717		
144	30.0		25.4	38.0
142	93.2		77.3	115.9





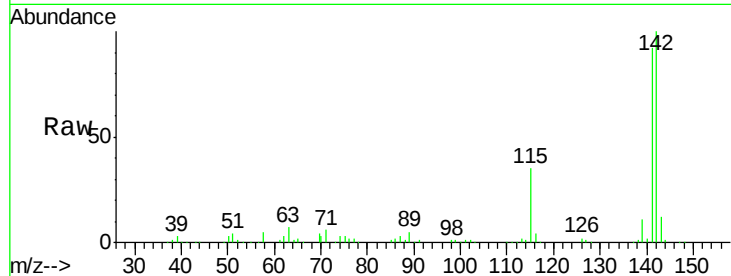
#37
2-Methylnaphthalene
Concen: 44.96 ng
RT: 9.34 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

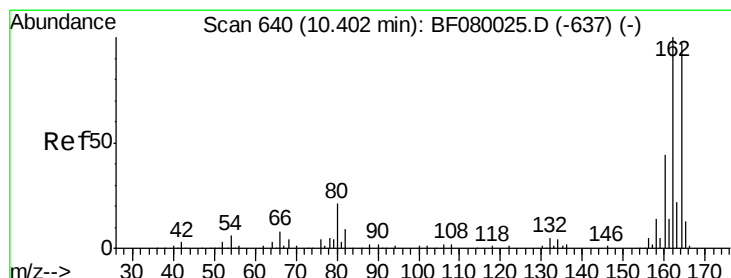
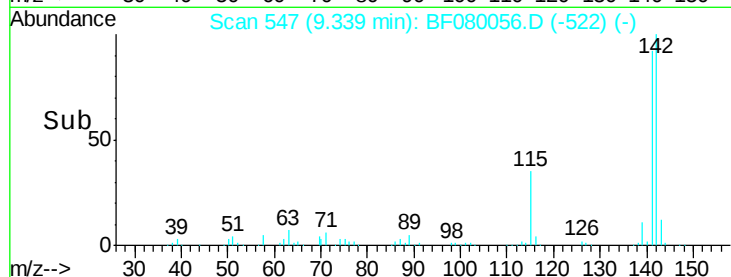
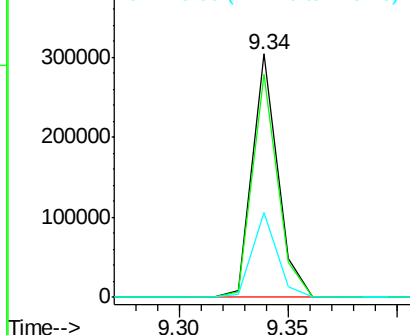
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	247768		
141	91.6	67.5	101.3	
115	35.0	18.2	27.2	

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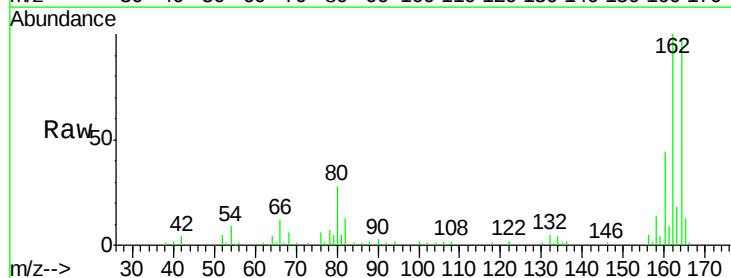


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

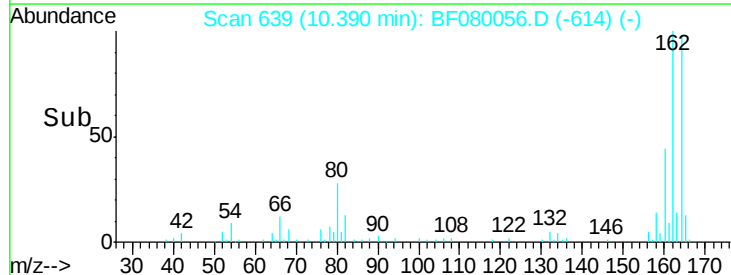
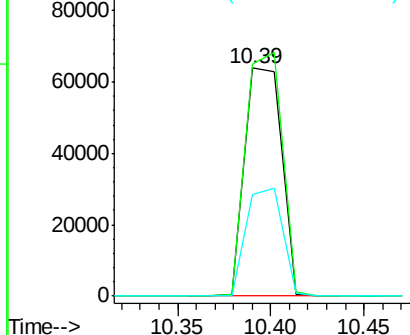


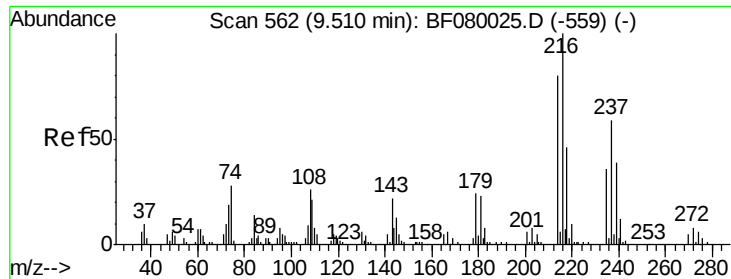
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87605		
162	102.0	75.2	112.8	
160	44.5	31.5	47.3	



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.82 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

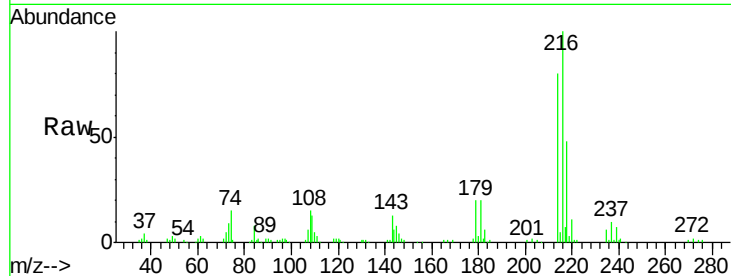
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	116809		
214	79.9	63.5	95.3	
179	20.7	16.6	24.8	
108	19.9	16.3	24.5	

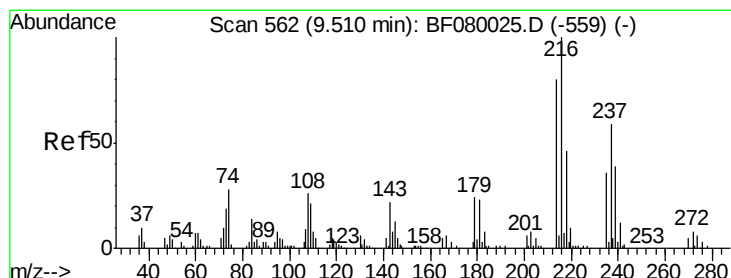
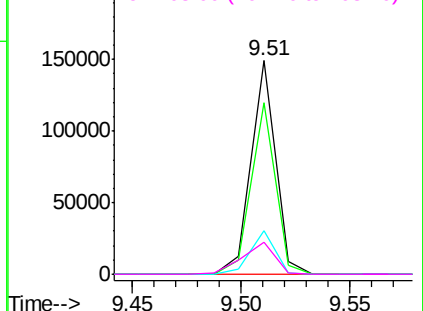
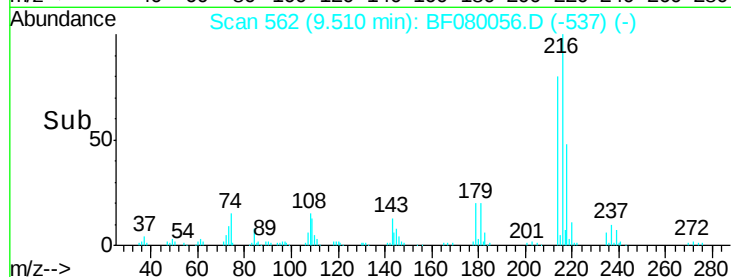


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.11 ng

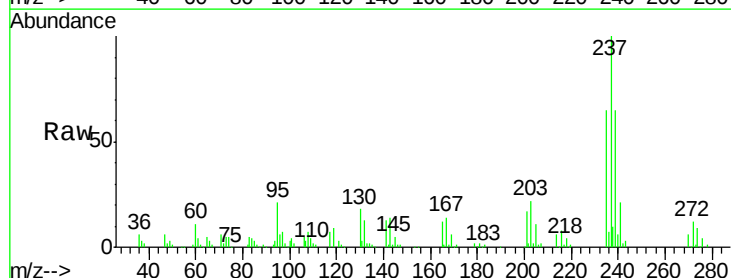
RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

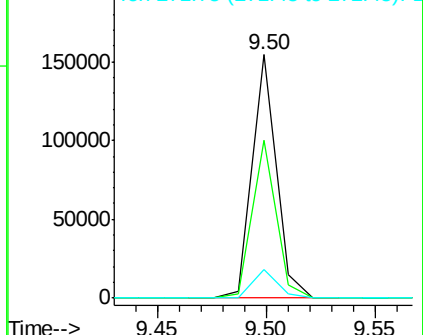
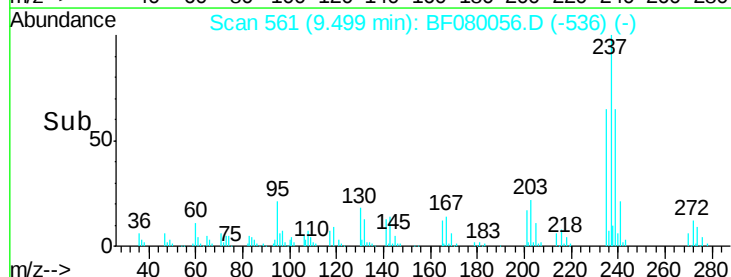
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	119328		
235	65.0	42.0	82.0	
272	11.8	0.0	36.1	



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





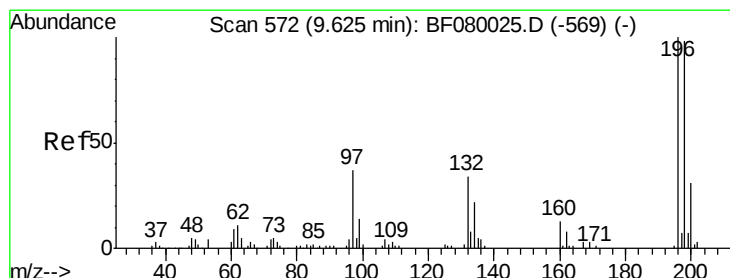
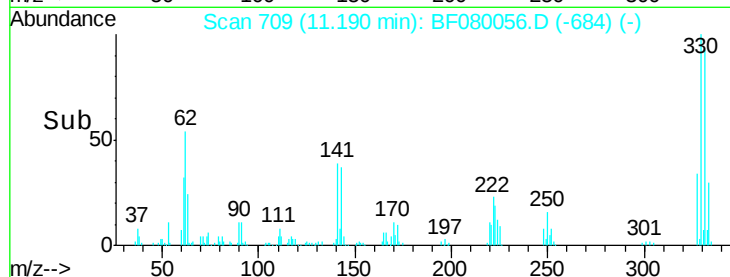
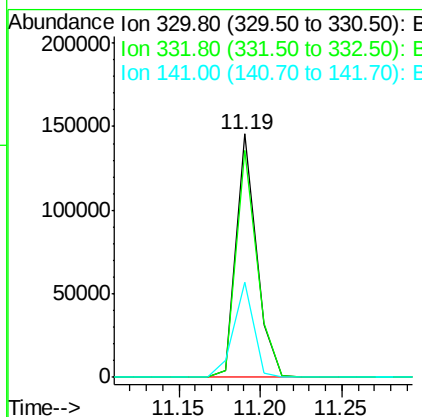
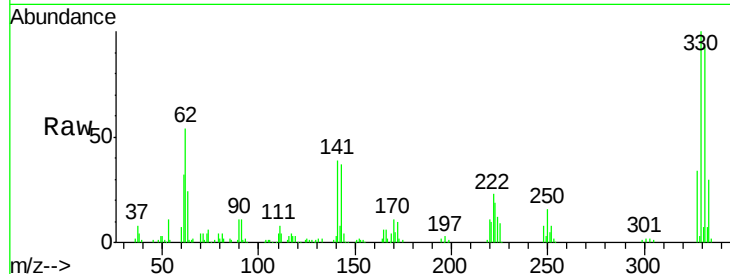
#41
 2,4,6-Tribromophenol
 Concen: 146.18 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampled :
 PB84099BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	125228		
332	95.3	76.6	114.8	
141	38.2	29.7	44.5	

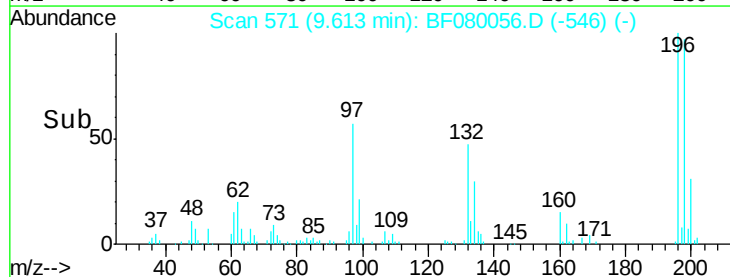
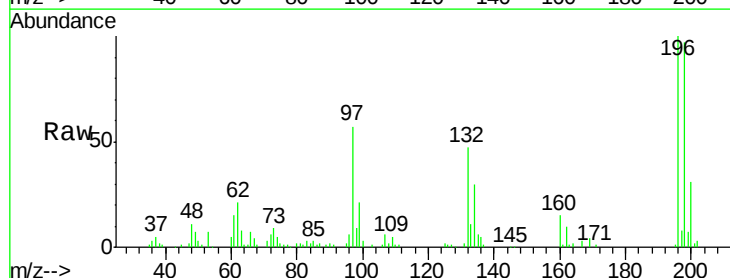
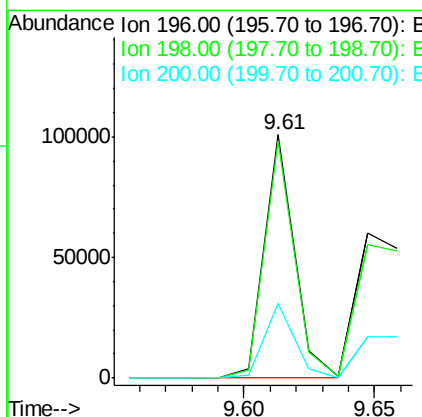
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#42
 2,4,6-Trichlorophenol
 Concen: 46.30 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

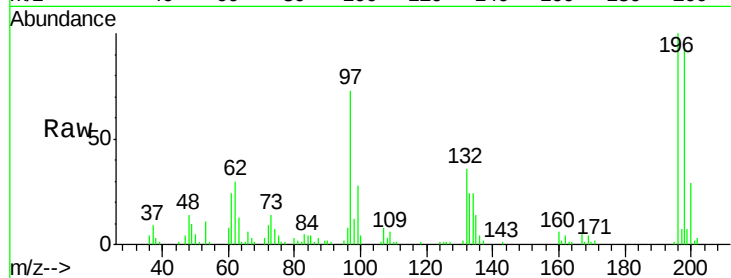
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80306		
198	97.3	75.7	113.5	
200	30.8	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 39.82 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

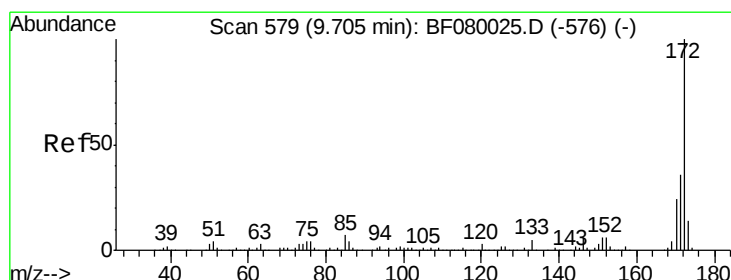
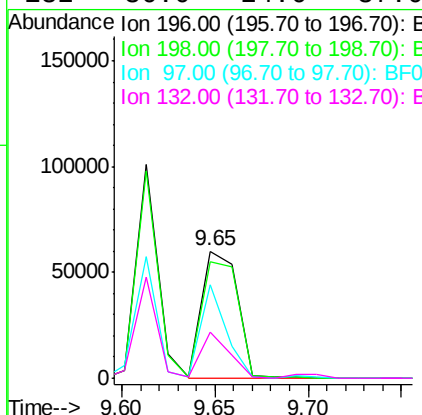
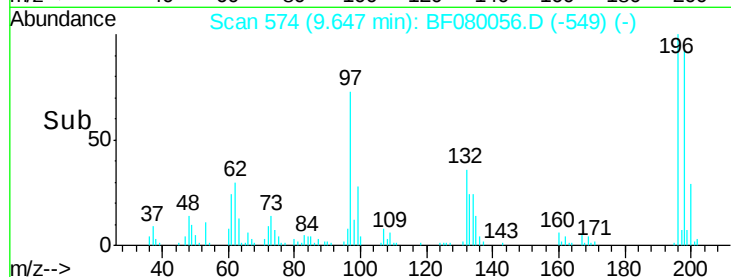
Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79575		
198	92.1	75.4	113.0	
97	73.1	33.3	49.9	
132	36.0	24.6	37.0	

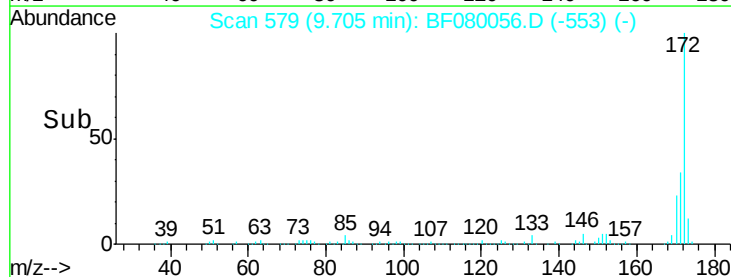
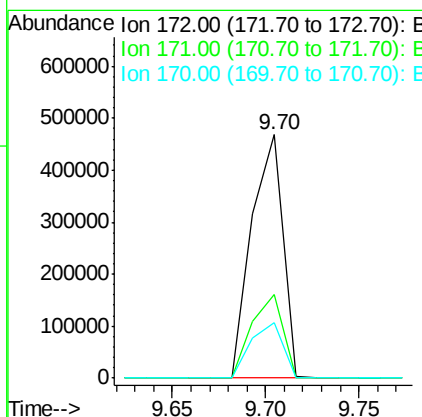
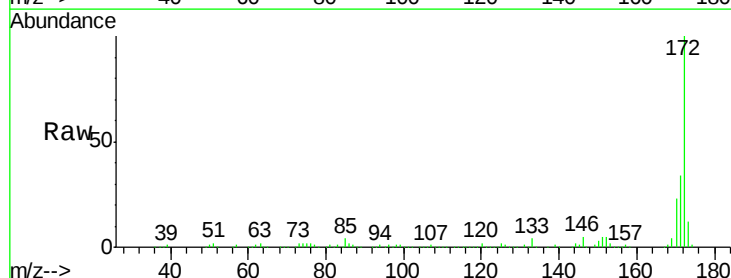
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#44
 2-Fluorobiphenyl
 Concen: 87.85 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	539683		
171	34.3	26.1	39.1	
170	23.0	17.4	26.2	





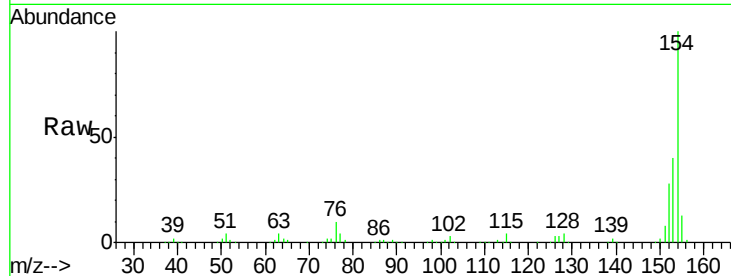
#45
 1,1'-Biphenyl
 Concen: 43.09 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

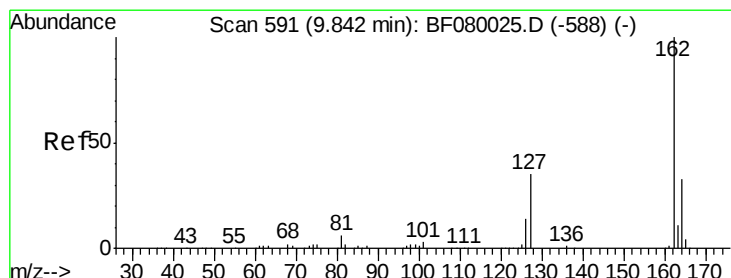
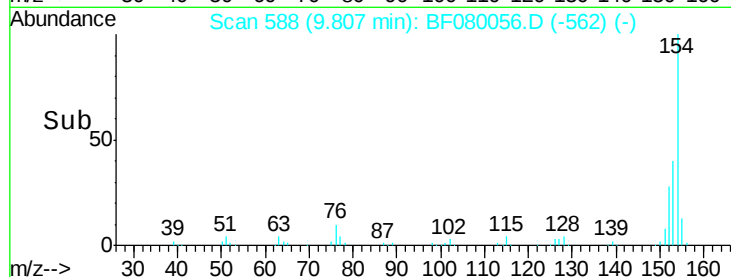
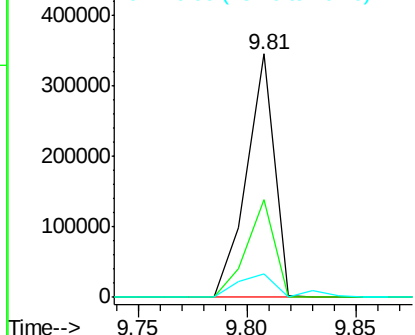
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.0	17.1	57.1
76	9.6	0.0	31.6

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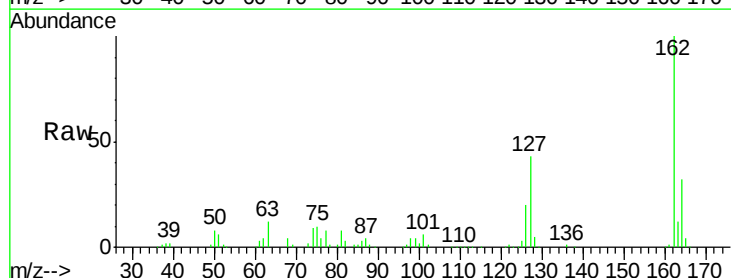


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

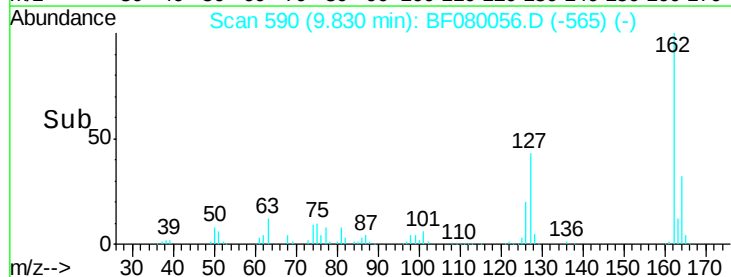
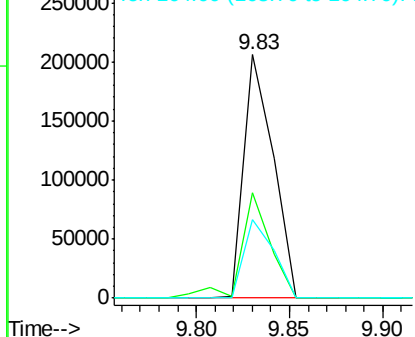


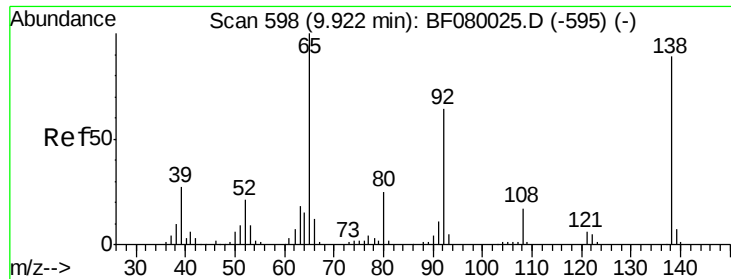
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	43.2	27.6	41.4#
164	32.4	25.4	38.2



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





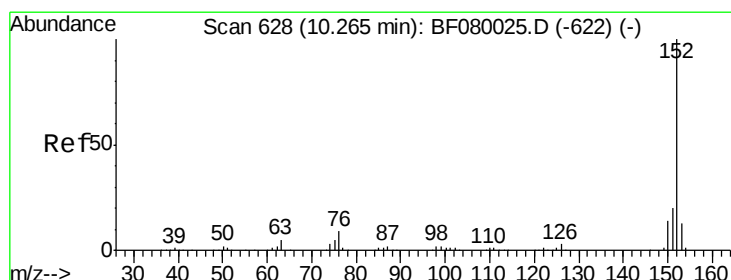
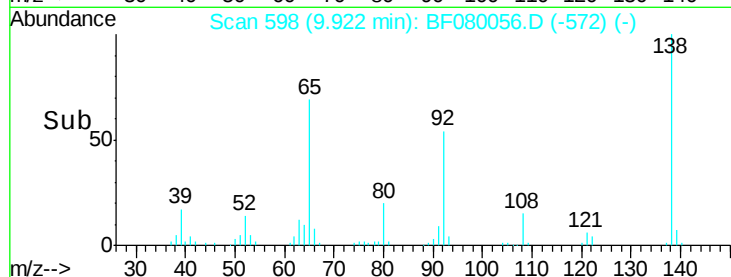
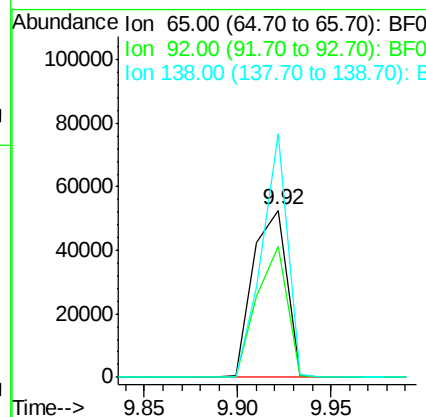
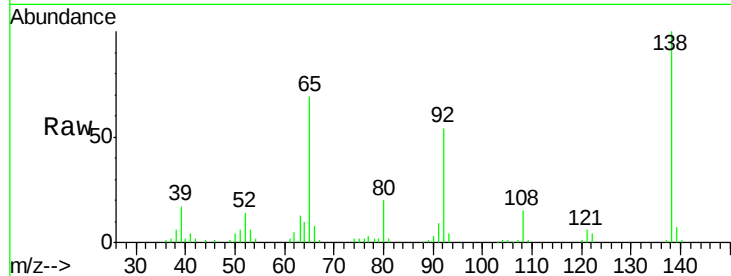
#47
2-Nitroaniline
Concen: 41.34 ng
RT: 9.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.6	55.4	83.0
138	145.7	115.5	173.3

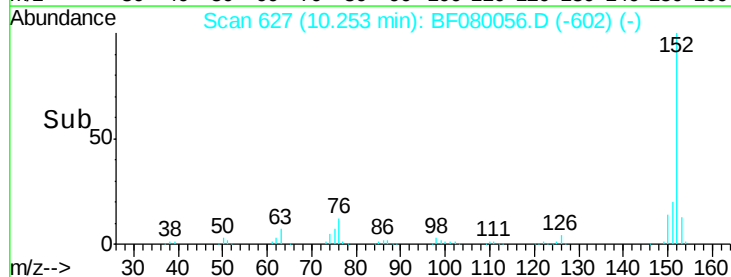
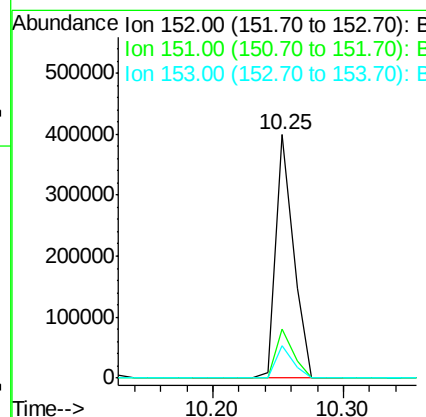
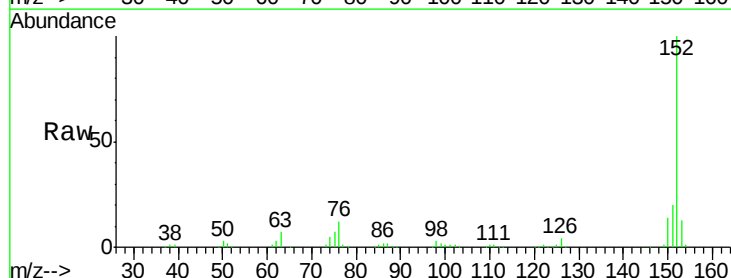
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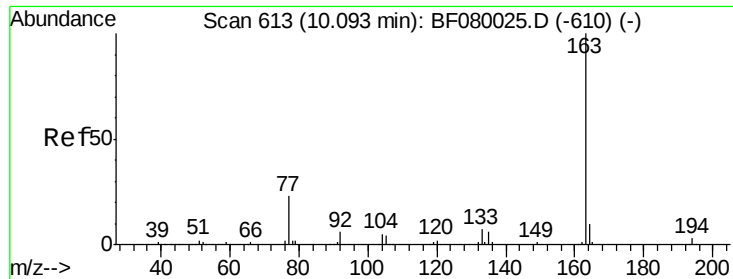
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#48
Acenaphthylene
Concen: 39.65 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.3	10.3	15.5





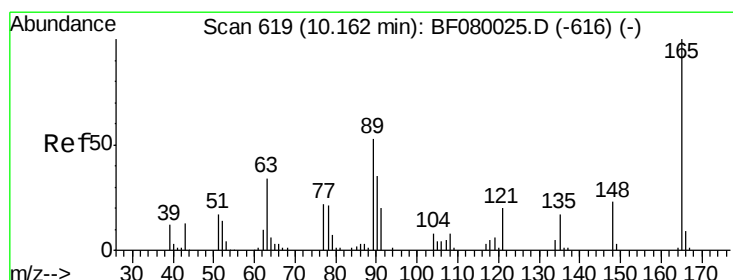
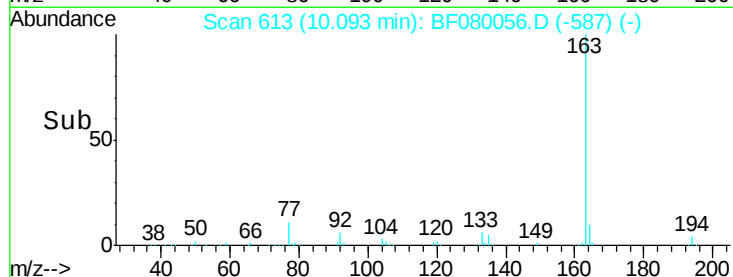
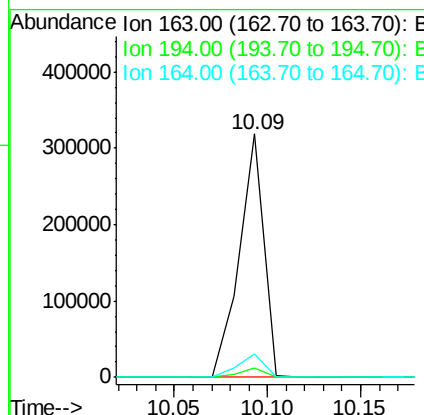
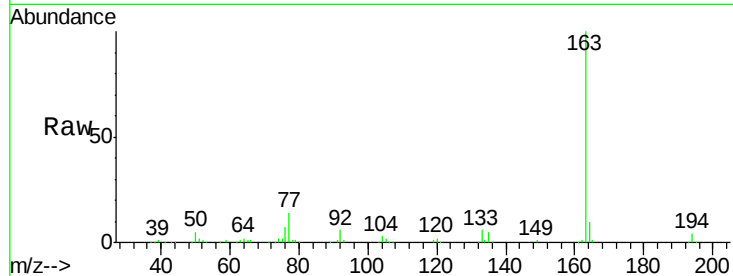
#49
Dimethylphthalate
Concen: 44.58 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	4.4	6.6#
164	9.7	8.3	12.5

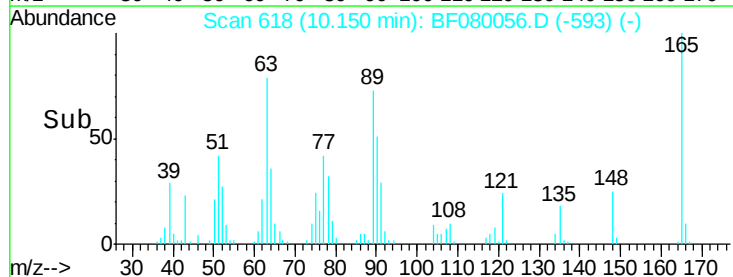
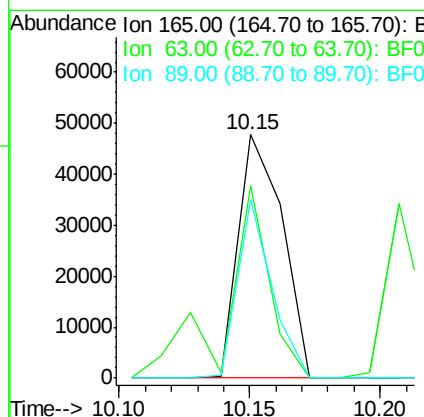
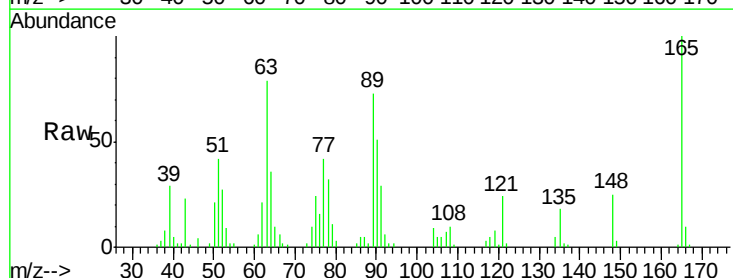
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#50
2,6-Dinitrotoluene
Concen: 42.84 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	78.9	32.3	48.5#
89	73.4	28.6	43.0#





#51

Acenaphthene

Concen: 42.92 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080056.D

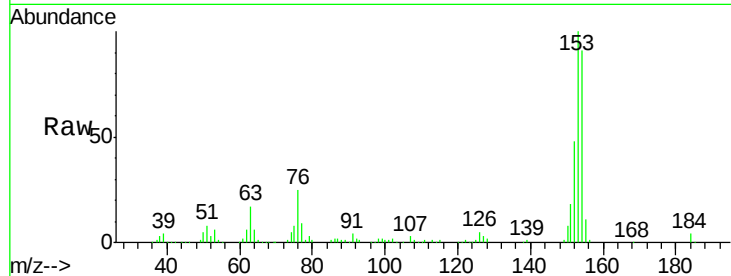
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

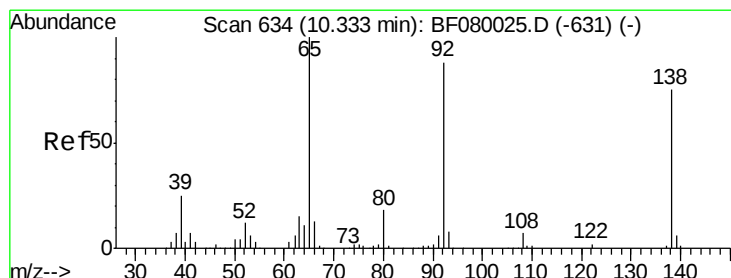
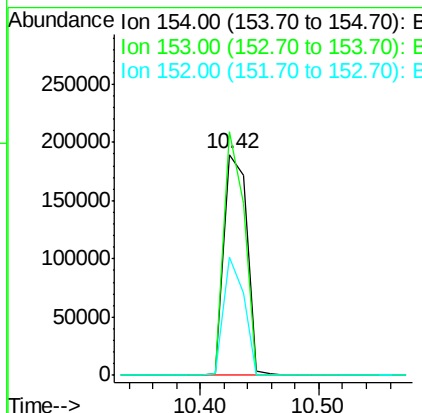
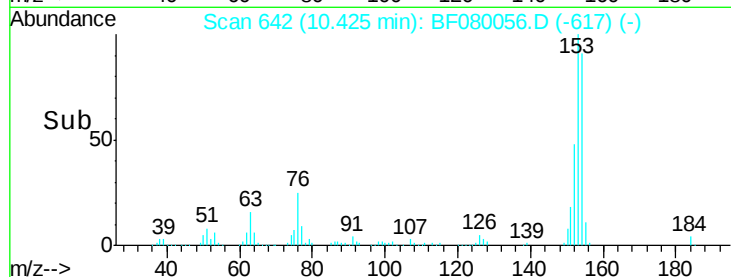
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Tgt Ion:	154	Resp:	253460
Ion Ratio	Lower	Upper	
154	100		
153	110.2	82.1	123.1
152	53.3	37.9	56.9

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#52

3-Nitroaniline

Concen: 26.30 ng

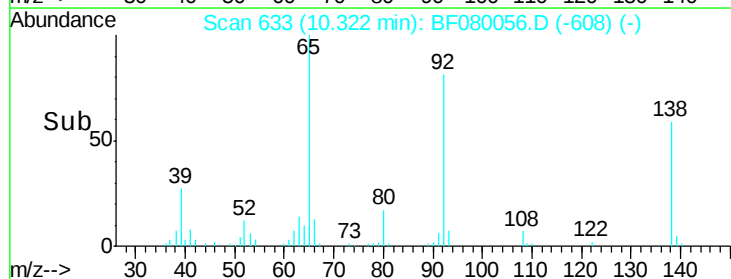
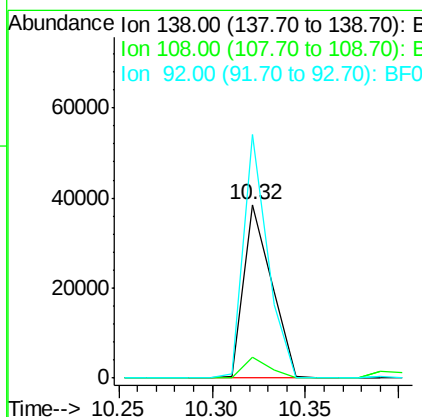
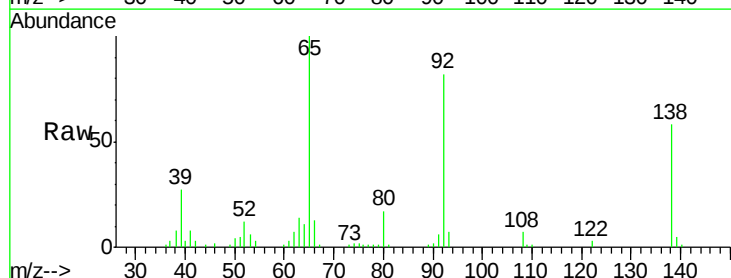
RT: 10.32 min Scan# 633

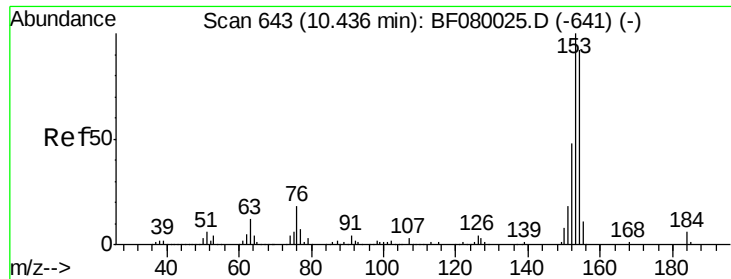
Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	138	Resp:	40069
Ion Ratio	Lower	Upper	
138	100		
108	11.7	5.7	8.5#
92	140.5	67.7	101.5#





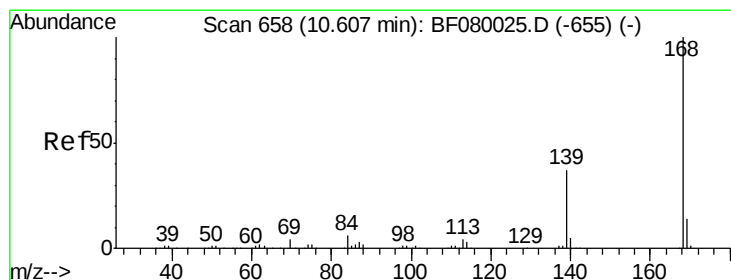
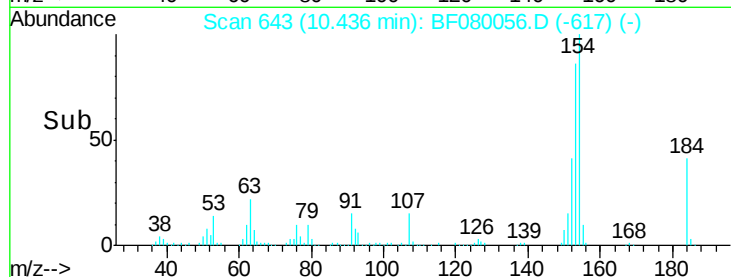
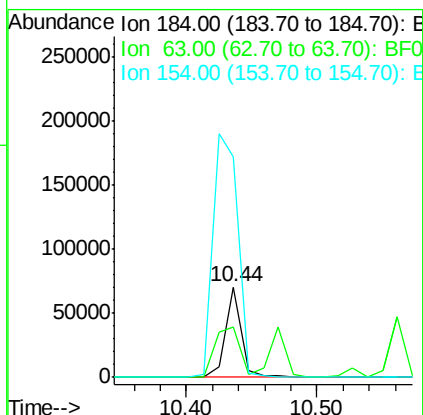
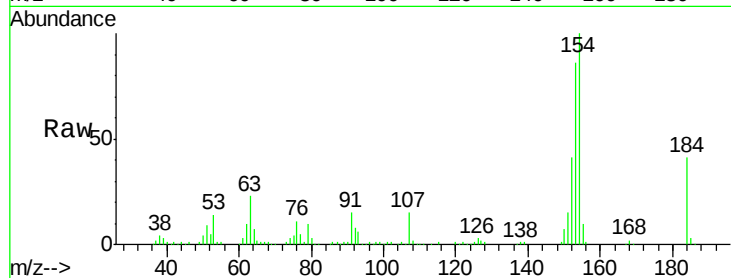
#53
2,4-Dinitrophenol
Concen: 109.18 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	59907		
63	55.6	35.4	53.2#	
154	243.3	32.2	48.4#	

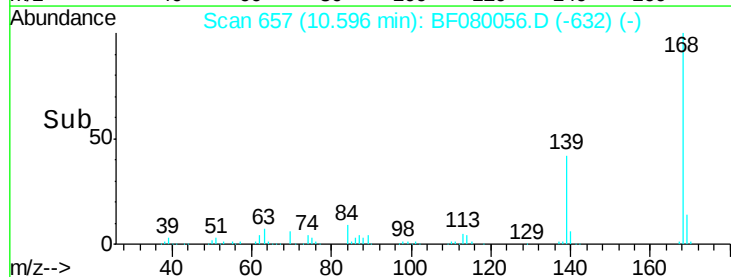
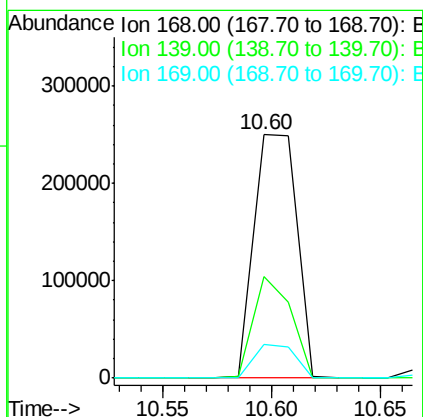
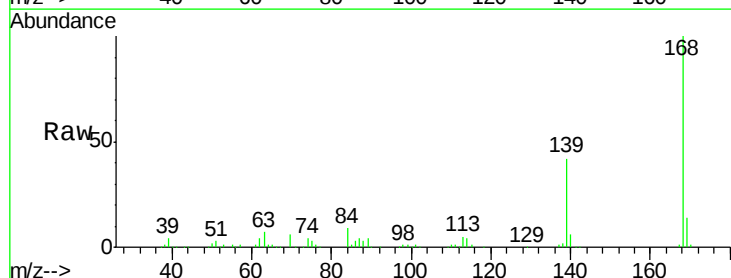
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#54
Dibenzofuran
Concen: 41.04 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	343924		
139	41.6	24.2	36.2#	
169	13.7	10.6	15.8	





#55

4-Nitrophenol

Concen: 90.99 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

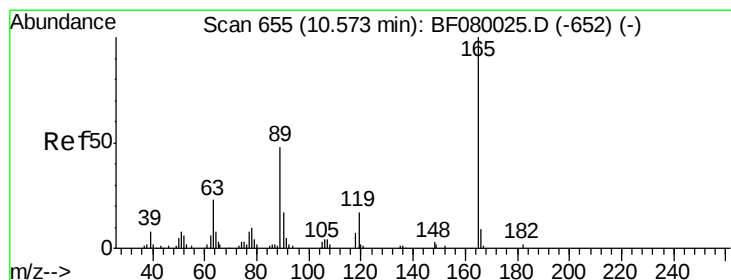
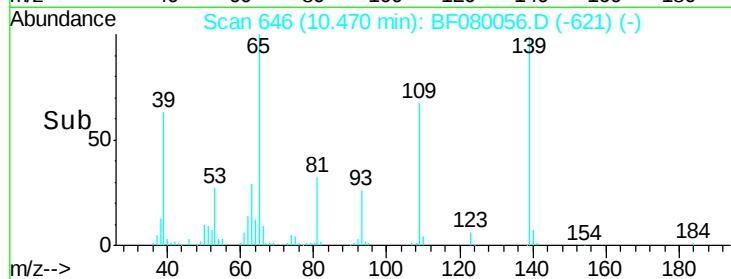
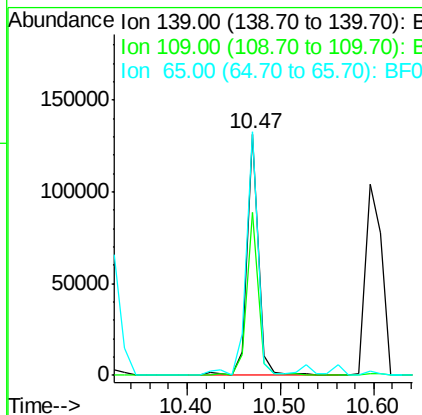
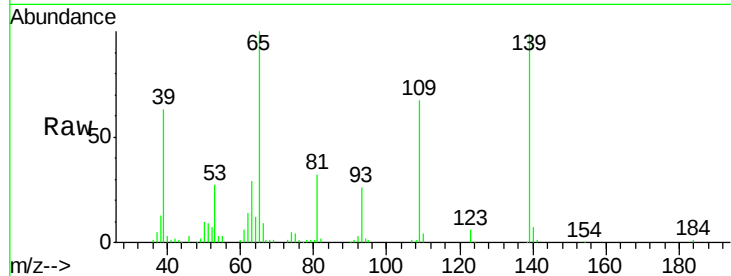
PB84099BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110791		
109	67.6	12.7	52.7#	
65	100.8	45.9	85.9#	



#56

2,4-Dinitrotoluene

Concen: 50.56 ng

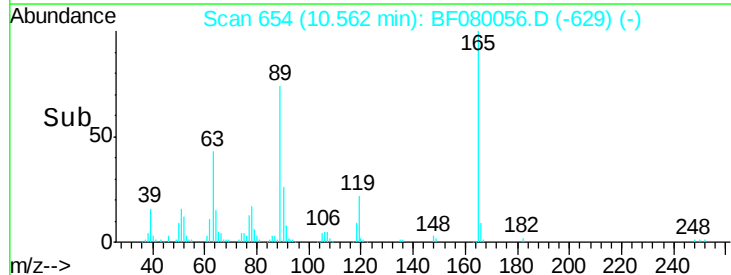
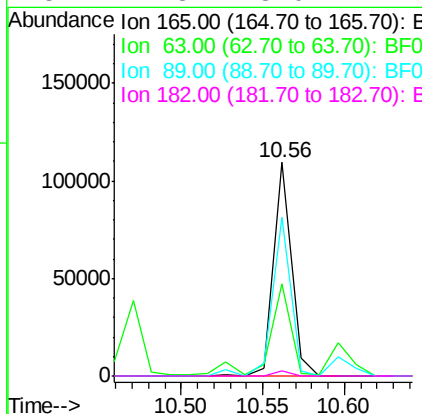
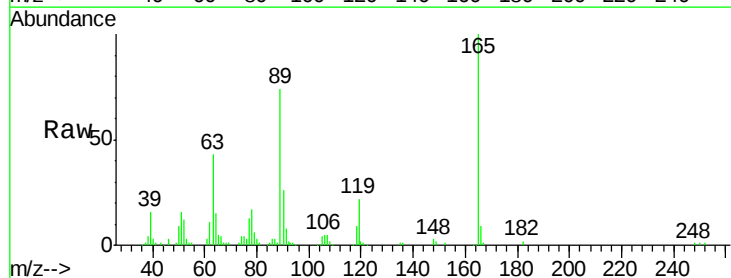
RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	84720		
63	42.9	29.8	44.6	
89	74.0	44.5	66.7#	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 44.95 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

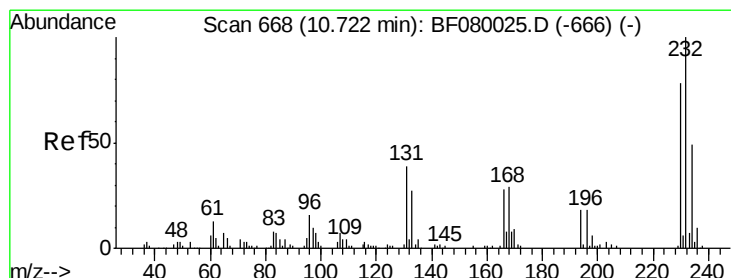
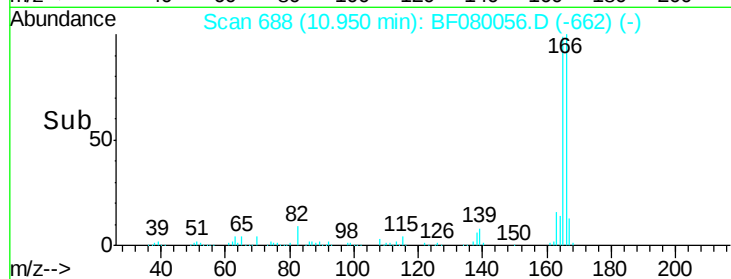
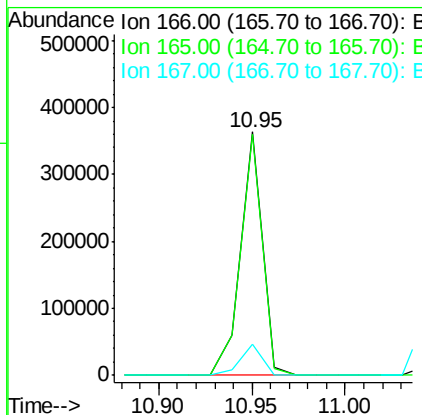
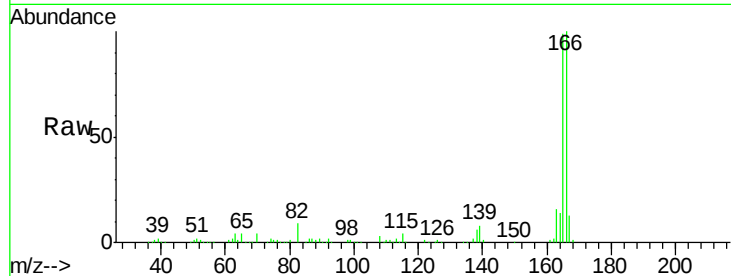
PB84099BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	298886		
165	99.1	72.6	109.0	
167	13.1	10.6	16.0	



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.45 ng

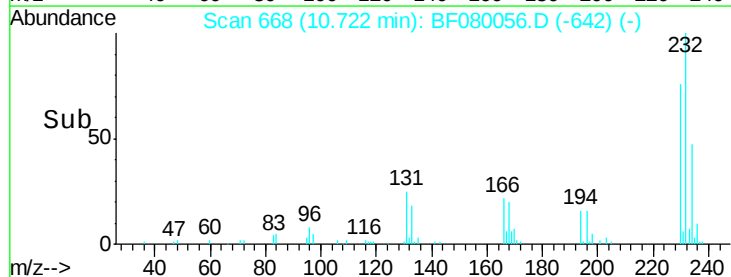
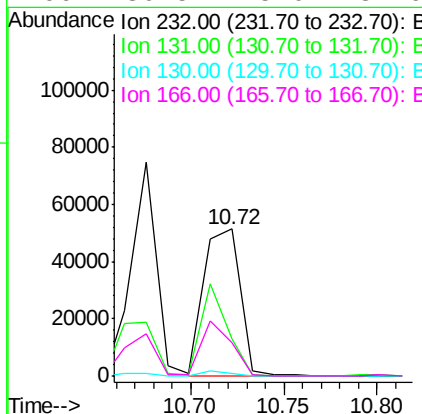
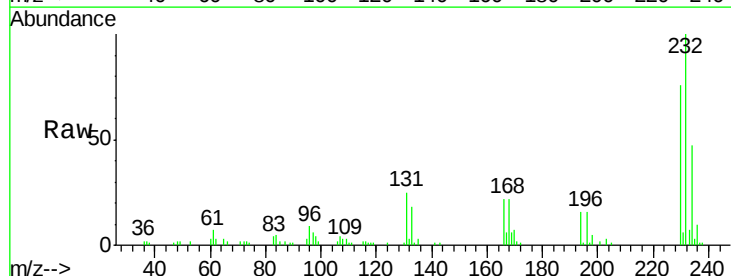
RT: 10.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	69935		
131	45.1	38.5	57.7	
130	2.3	1.8	2.6	
166	30.5	25.0	37.6	





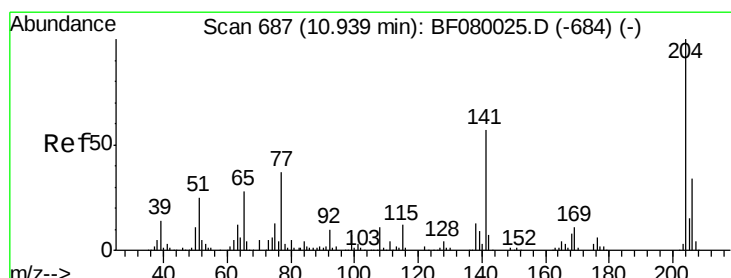
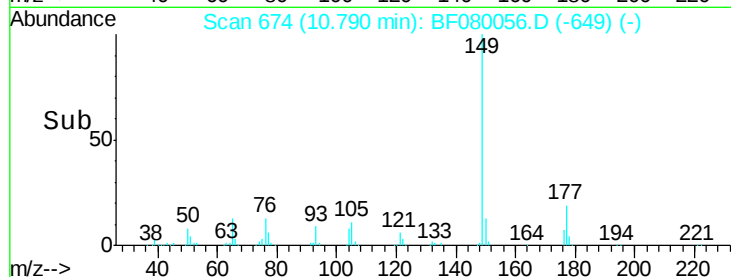
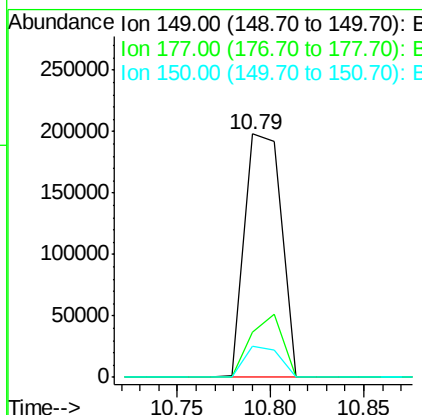
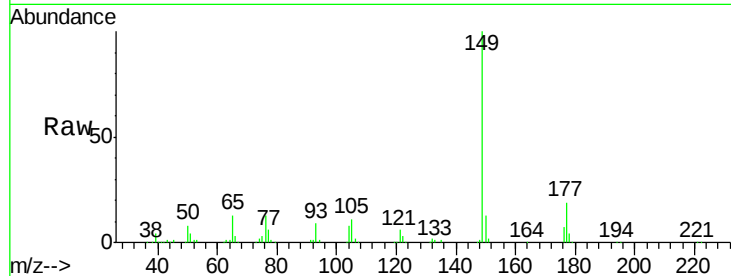
#59
Diethylphthalate
Concen: 40.55 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampled :
PB84099BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	18.5	17.5	26.3
150	12.6	9.4	14.2

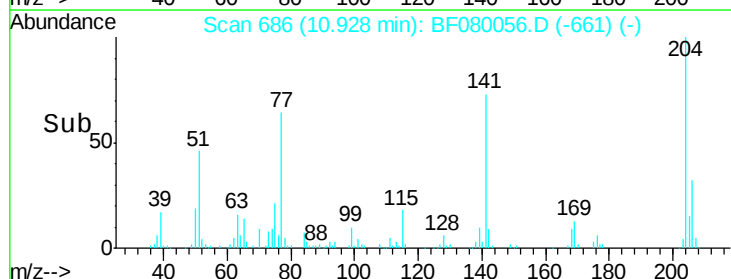
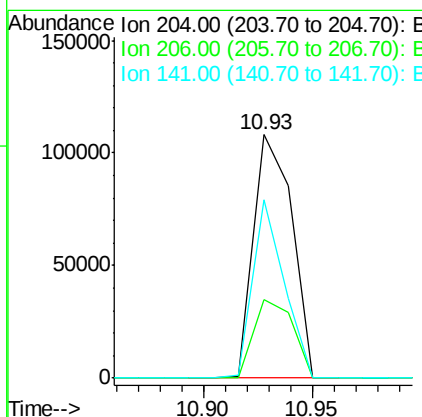
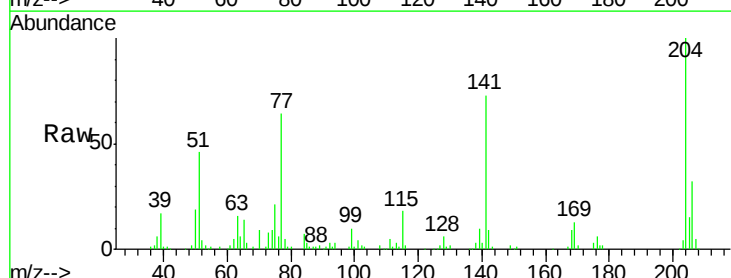
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#60
4-Chlorophenyl-phenylether
Concen: 41.80 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.5	24.8	37.2
141	73.4	42.2	63.4#





#61

4-Nitroaniline

Concen: 39.38 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080056.D

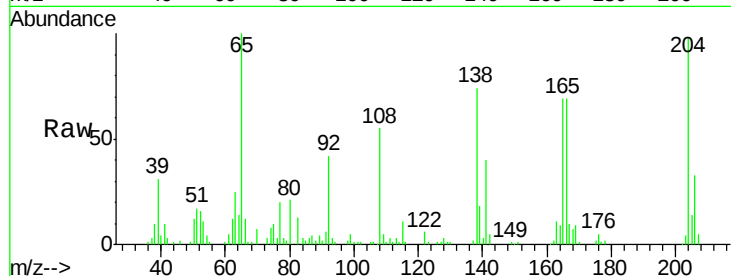
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

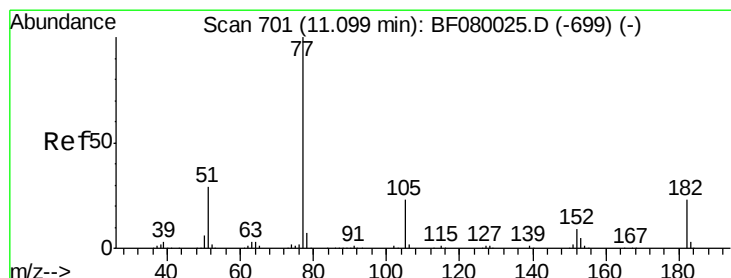
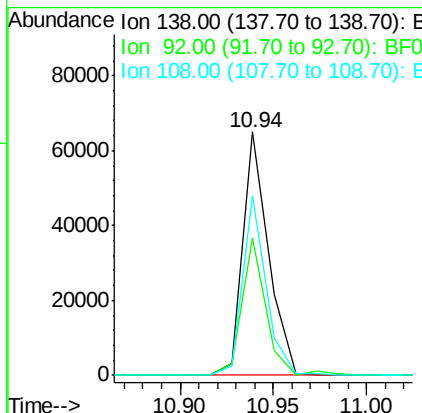
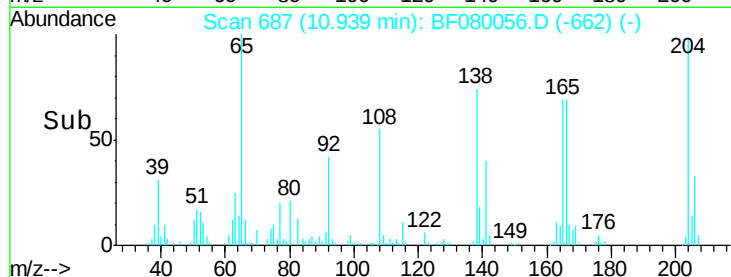
PB84099BS



Tgt Ion:	138	Resp:	61958
Ion Ratio	Lower	Upper	
138	100		
92	56.5	12.6	52.6#
108	73.8	12.4	52.4#

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#62

Azobenzene

Concen: 40.18 ng

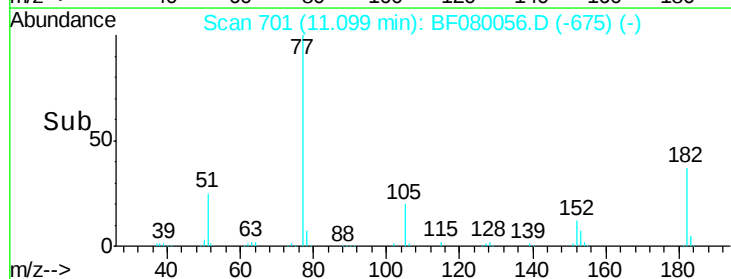
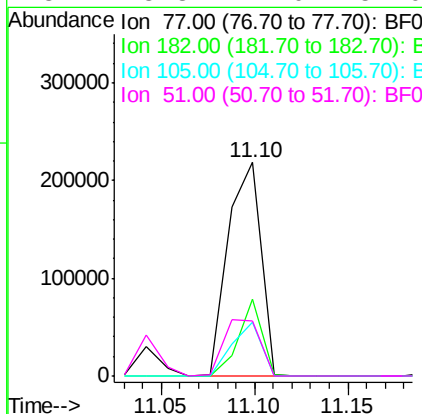
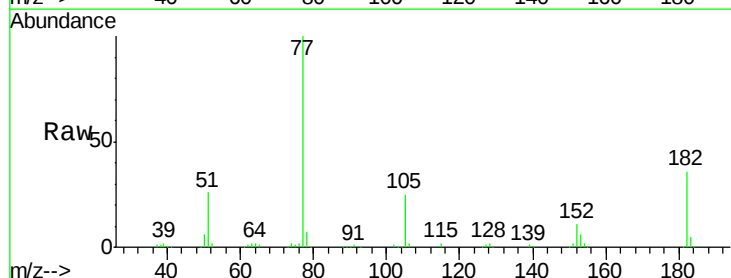
RT: 11.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	77	Resp:	271241
Ion Ratio	Lower	Upper	
77	100		
182	36.0	15.1	55.1
105	24.9	3.4	43.4
51	25.8	12.0	52.0





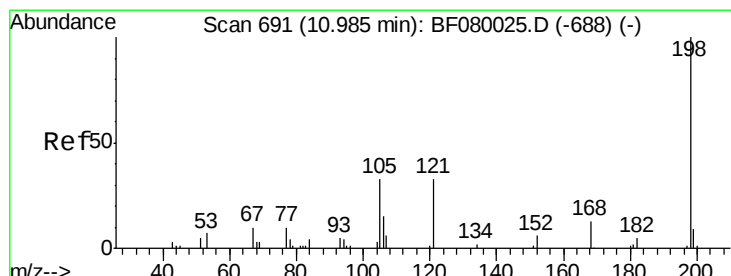
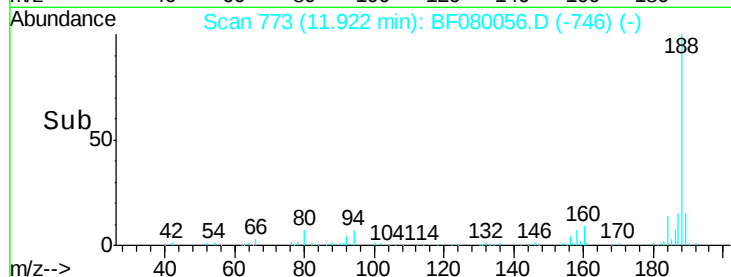
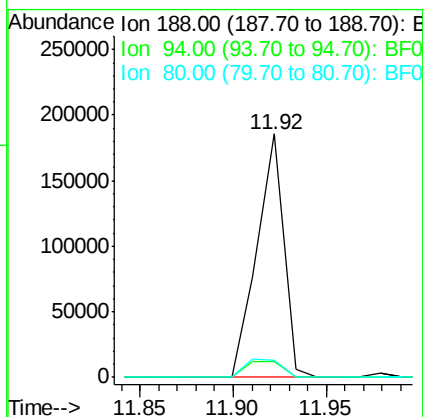
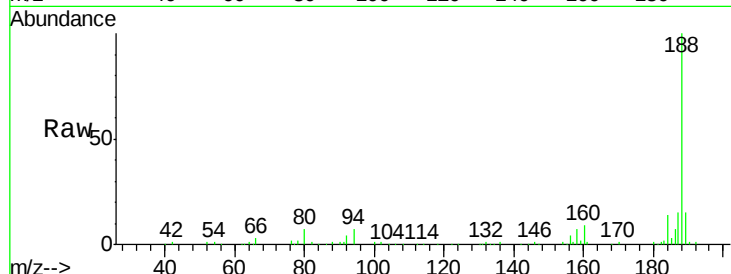
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	11.1	16.7#
80	7.1	11.0	16.4#

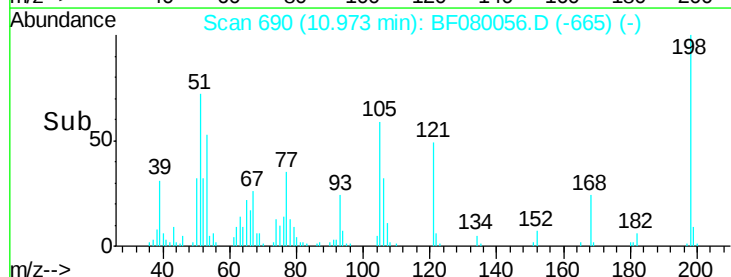
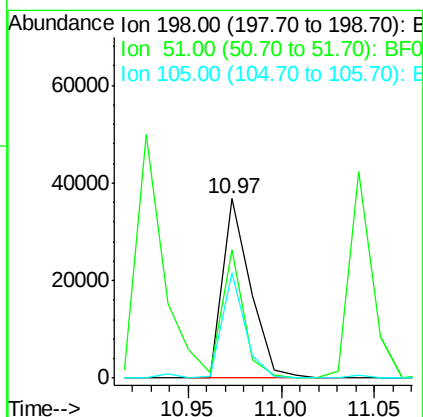
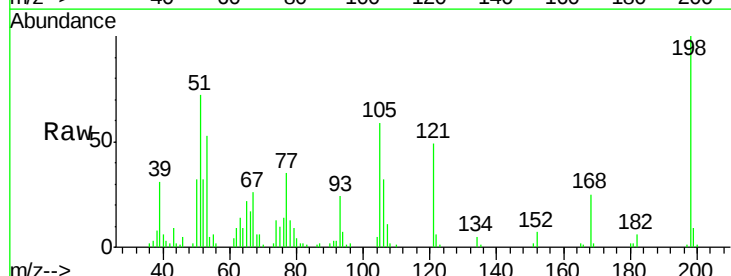
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.83 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	71.8	39.6	79.6
105	58.9	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 39.71 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF080056.D

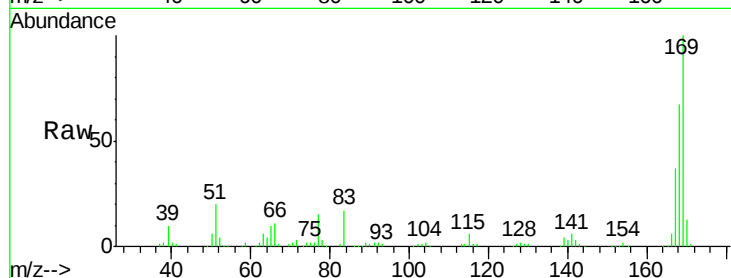
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

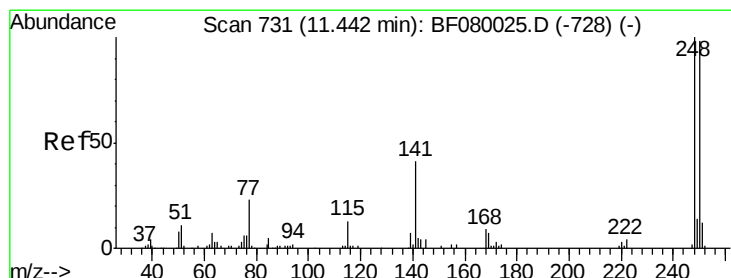
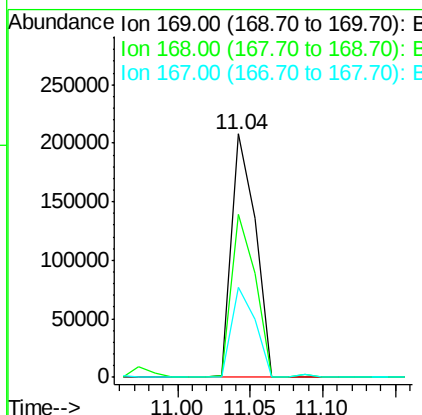
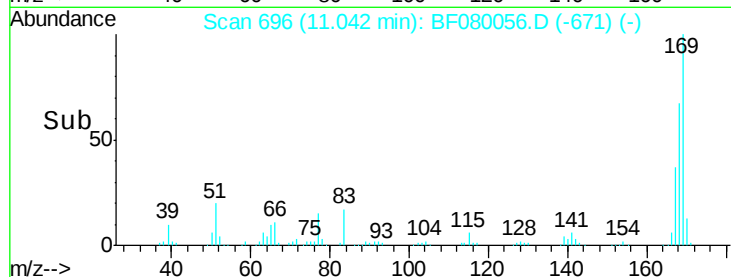
PB84099BS



Tgt Ion:	169	Resp:	238398
Ion Ratio	Lower	Upper	
169	100		
168	67.1	48.9	73.3
167	36.9	26.2	39.4

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#66

4-Bromophenyl-phenylether

Concen: 41.85 ng

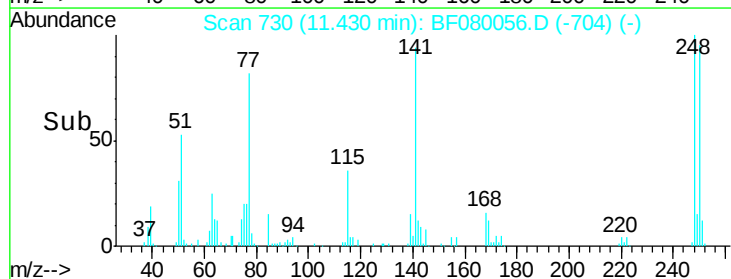
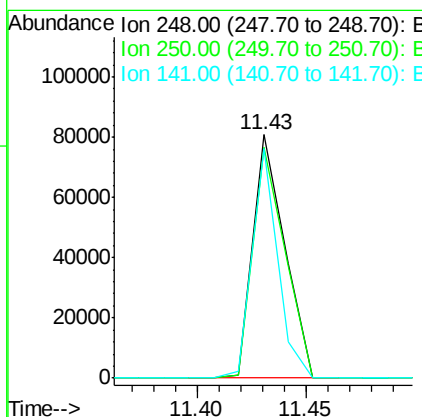
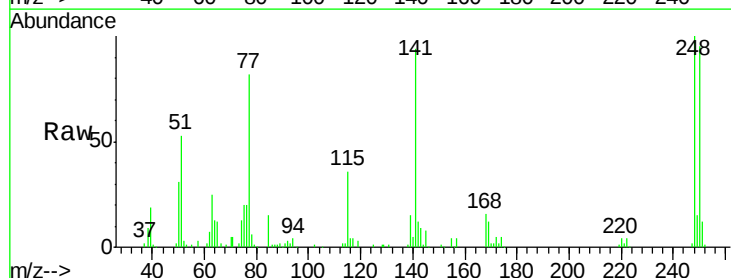
RT: 11.43 min Scan# 730

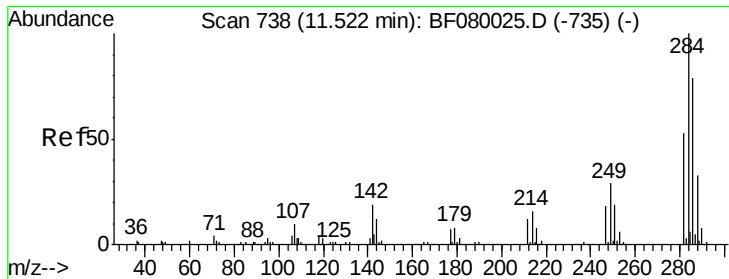
Delta R.T. 0.00 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	248	Resp:	82035
Ion Ratio	Lower	Upper	
248	100		
250	94.8	78.5	117.7
141	94.0	59.0	88.6#





#67

Hexachlorobenzene

Concen: 40.25 ng

RT: 11.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF080056.D

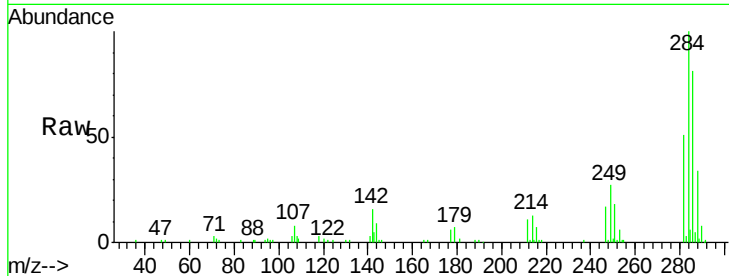
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

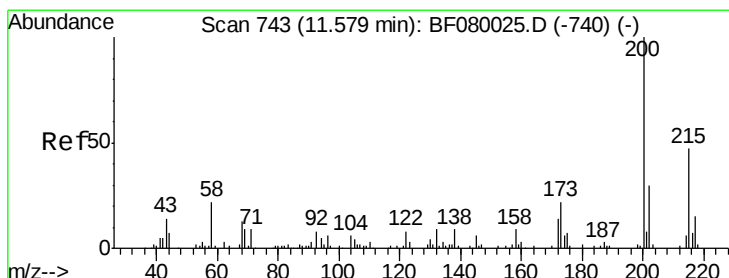
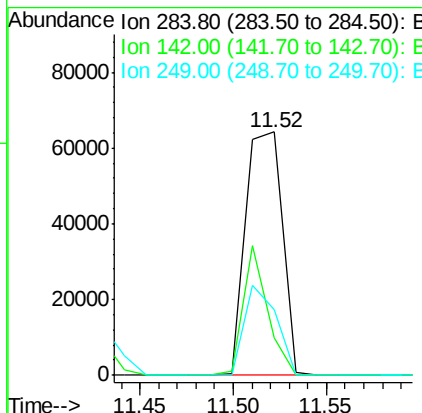
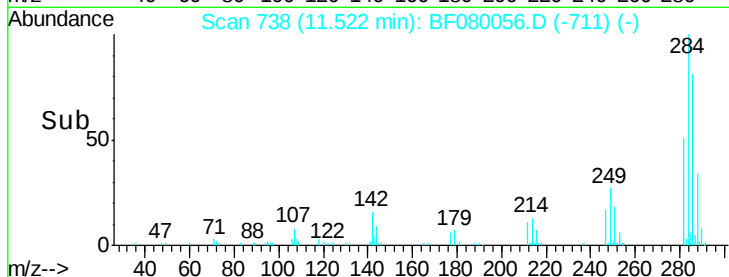
PB84099BS



Tgt Ion:	284	Resp:	87695
Ion Ratio	Lower	Upper	
284	100		
142	15.6	29.5	44.3#
249	26.9	19.5	29.3

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#68

Atrazine

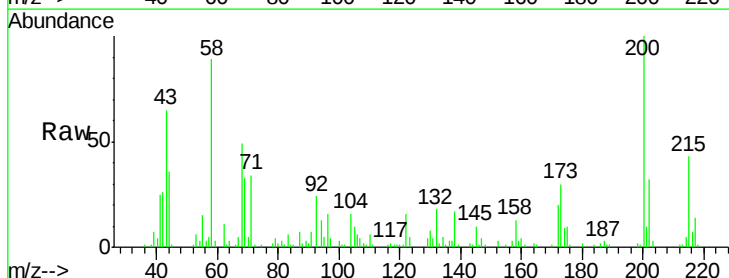
Concen: 38.39 ng

RT: 11.57 min Scan# 742

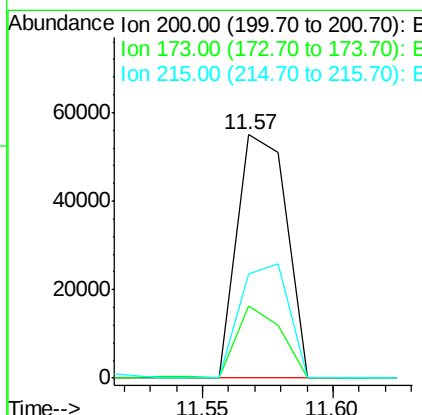
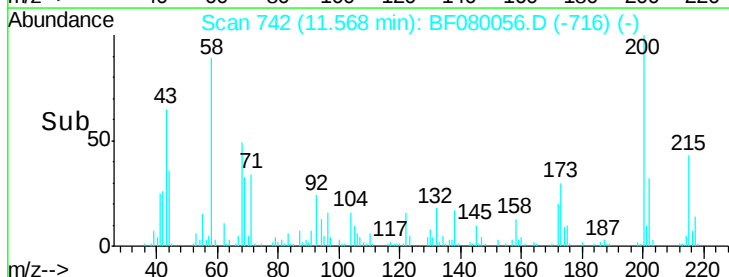
Delta R.T. 0.00 min

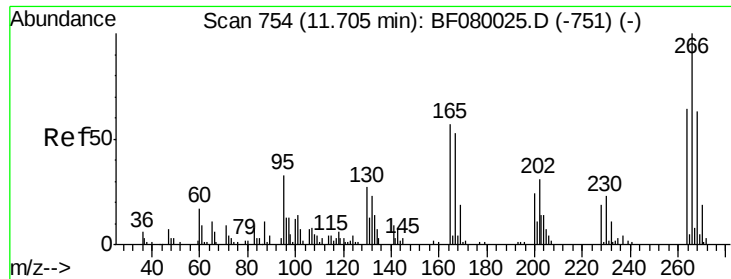
Lab File: BF080056.D

Acq: 19 Jun 2015 14:05



Tgt Ion:	200	Resp:	72805
Ion Ratio	Lower	Upper	
200	100		
173	29.7	13.2	53.2
215	42.8	41.8	81.8





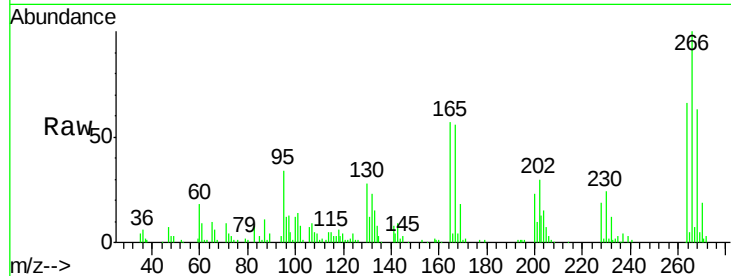
#69
 Pentachlorophenol
 Concen: 78.58 ng
 RT: 11.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

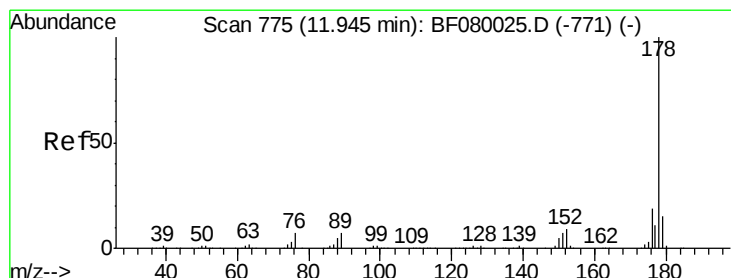
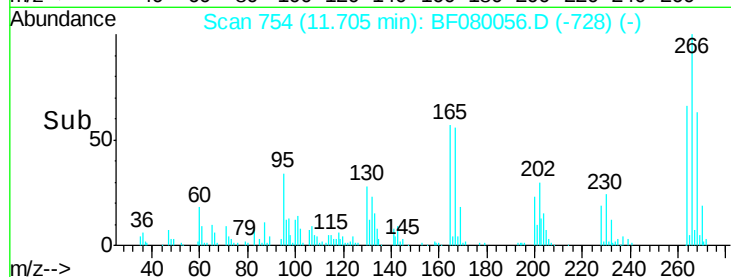
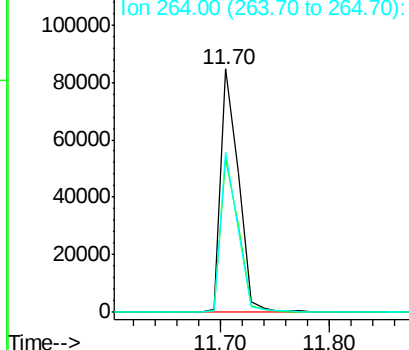
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	97007		
268	63.2	49.8	74.6	
264	65.7	50.2	75.2	

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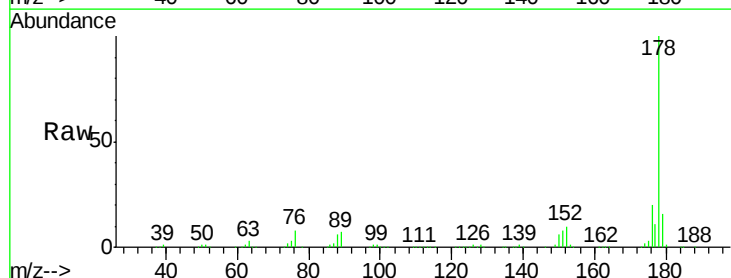


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

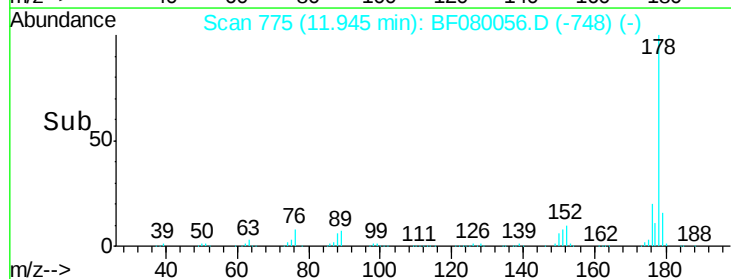
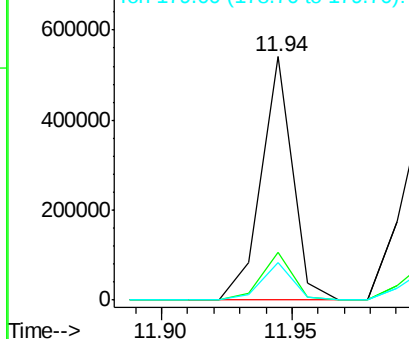


#70
 Phenanthrene
 Concen: 40.79 ng
 RT: 11.94 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	455259		
176	19.9	13.8	20.8	
179	15.5	12.2	18.2	



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





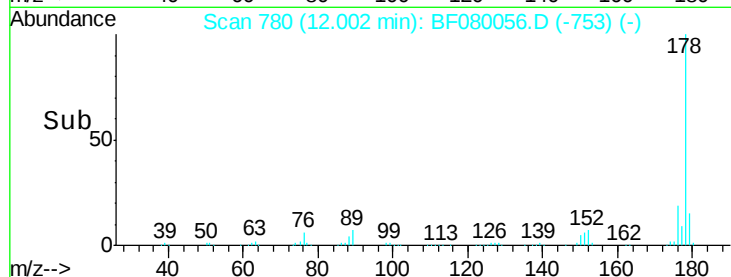
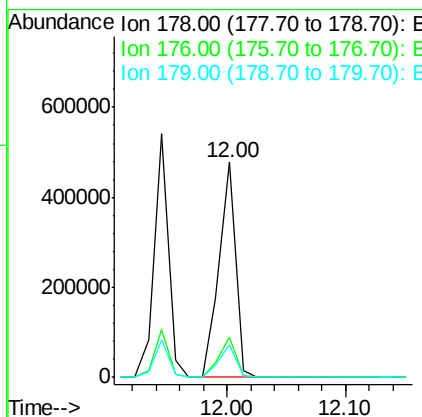
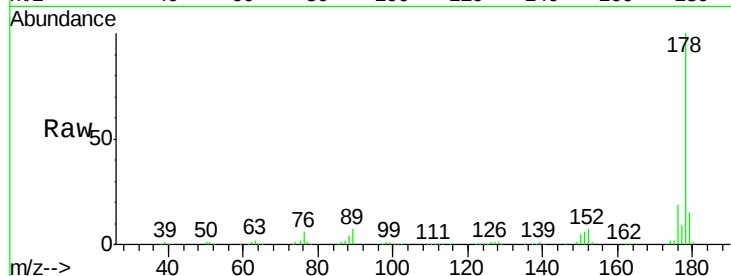
#71
 Anthracene
 Concen: 42.97 ng
 RT: 12.00 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	461830		
176	18.8	14.1	21.1	
179	15.1	12.2	18.2	

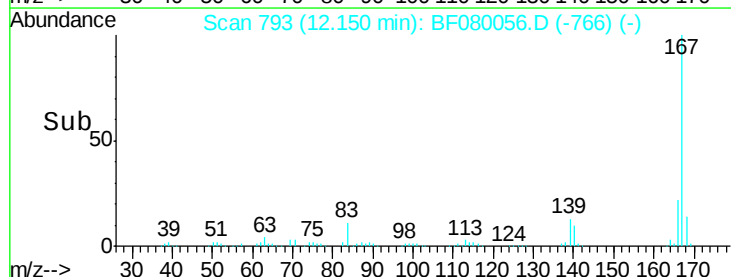
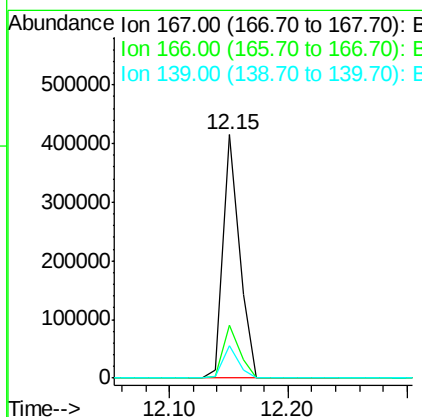
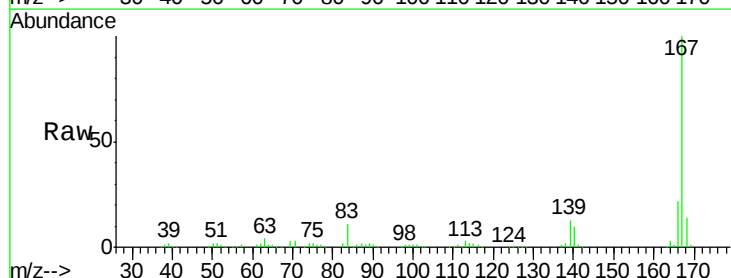
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#72
 Carbazole
 Concen: 38.50 ng
 RT: 12.15 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	395038		
166	21.8	15.7	23.5	
139	13.4	9.5	14.3	





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 12.49 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

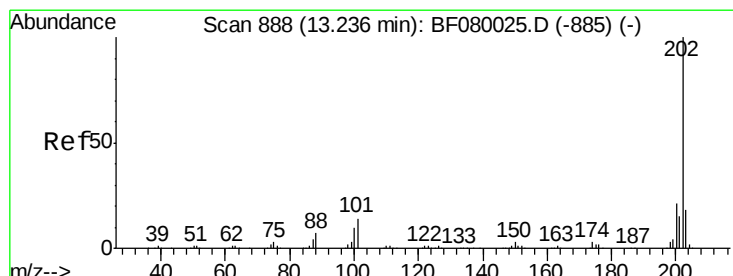
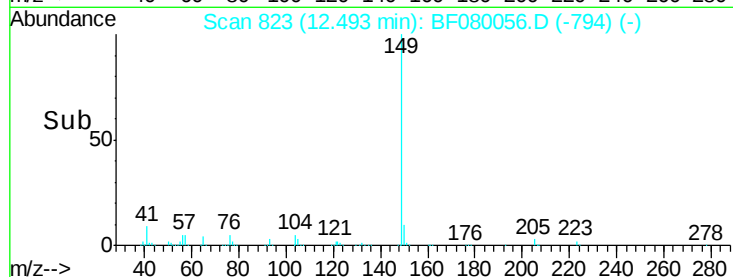
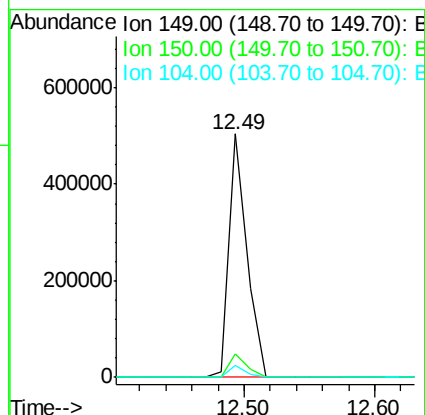
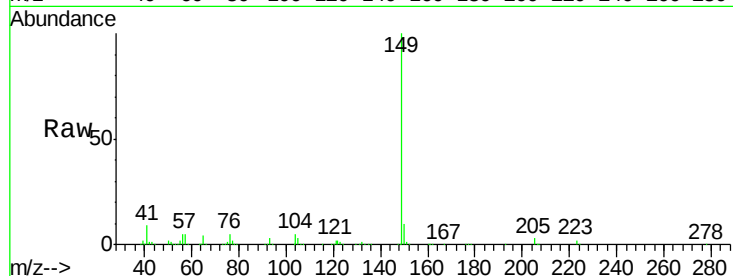
PB84099BS

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Tgt Ion:	149	Resp:	481937
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.2
104	5.0	2.4	3.6#



#74

Fluoranthene

Concen: 40.37 ng

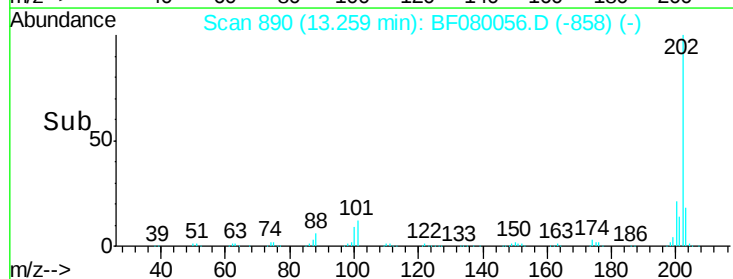
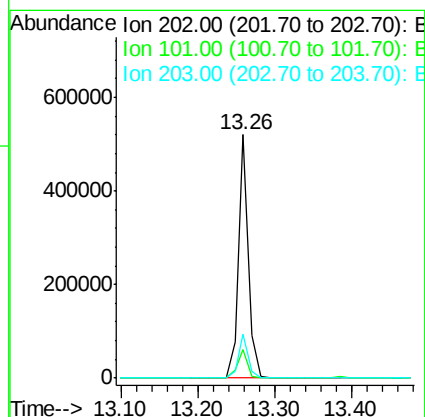
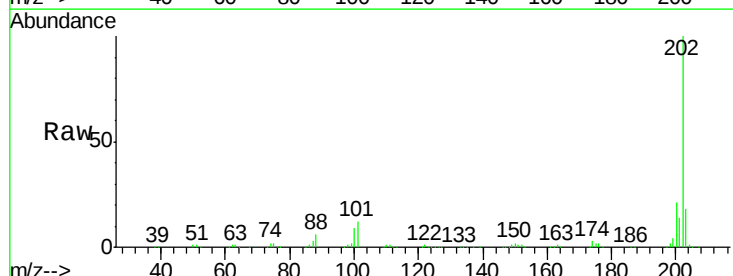
RT: 13.26 min Scan# 890

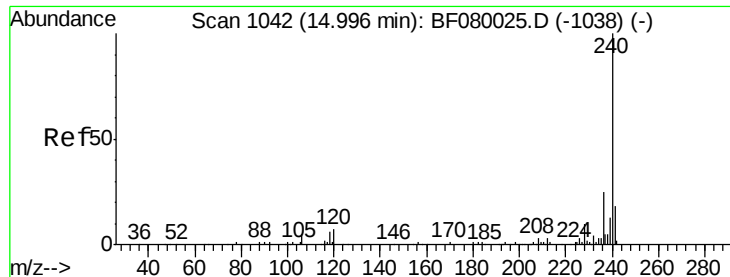
Delta R.T. 0.07 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	202	Resp:	479834
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	38.3
203	18.1	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1047

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

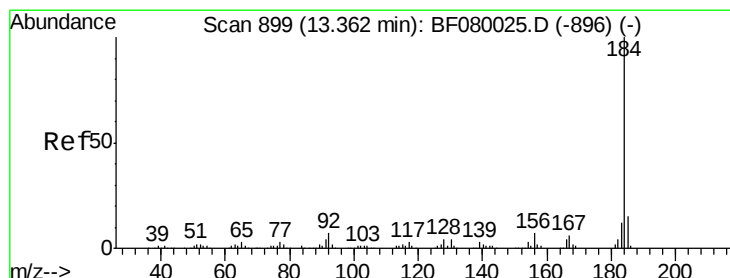
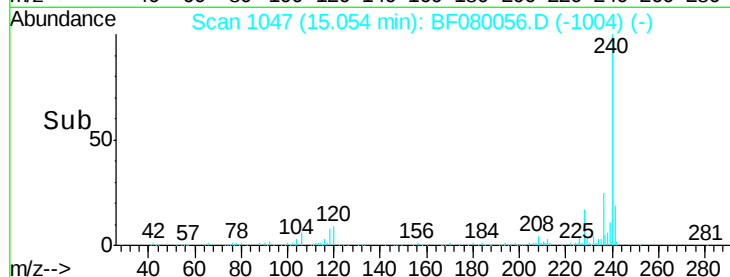
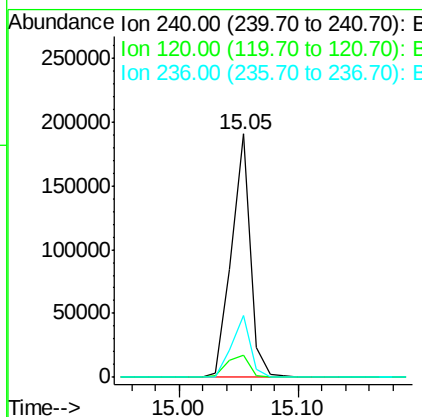
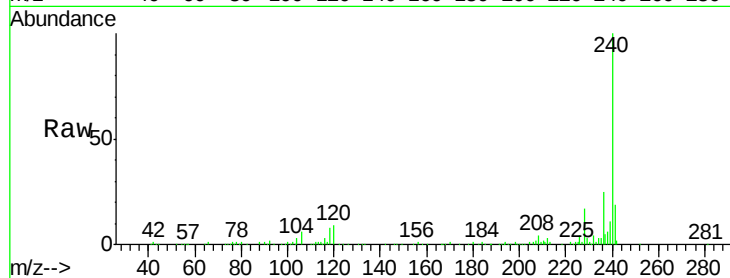
ClientSampleId :

PB84099BS

Tgt Ion:	240	Resp:	210976
Ion Ratio		Lower	Upper
240	100		
120	9.1	16.2	24.2#
236	25.5	18.4	27.6

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#76

Benzidine

Concen: 49.18 ng

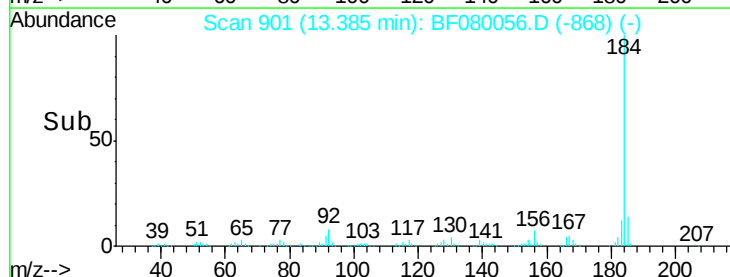
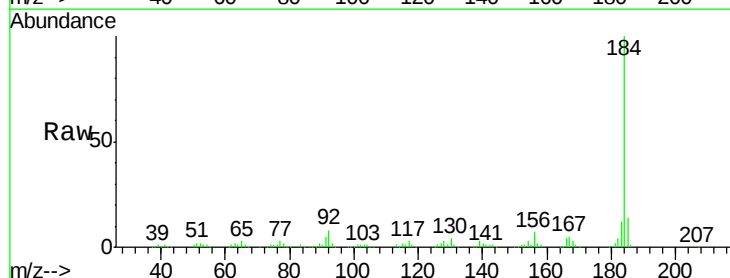
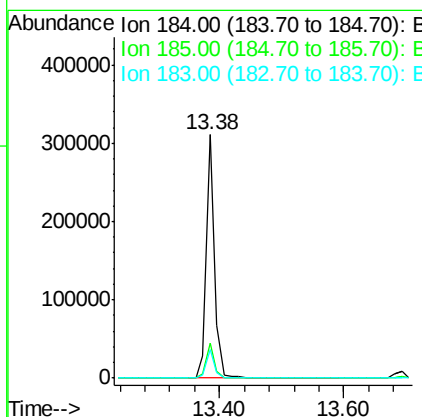
RT: 13.38 min Scan# 901

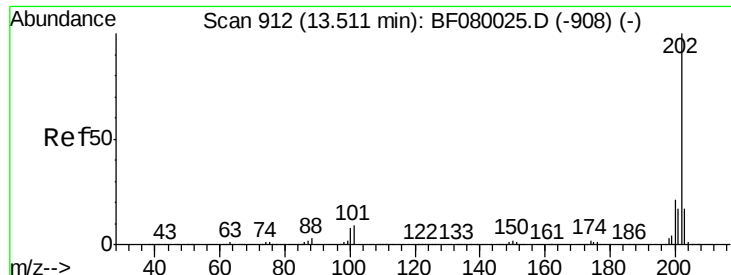
Delta R.T. 0.08 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	184	Resp:	290044
Ion Ratio		Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.5	7.6	11.4#





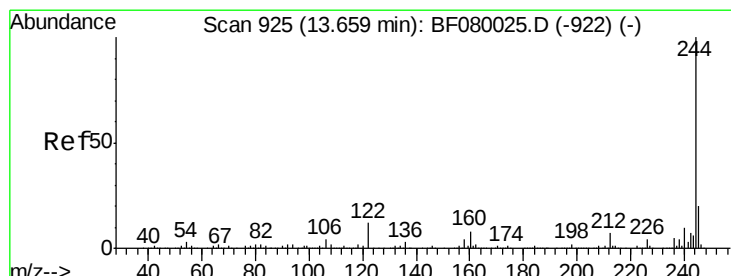
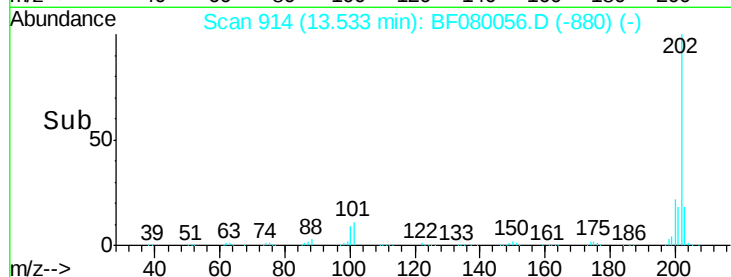
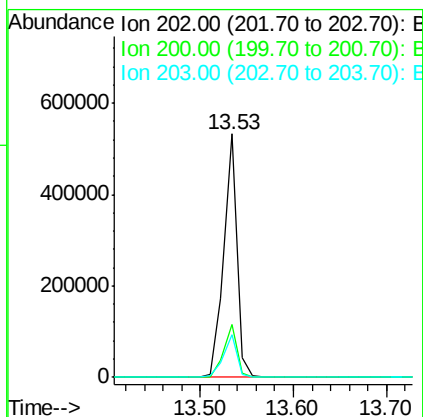
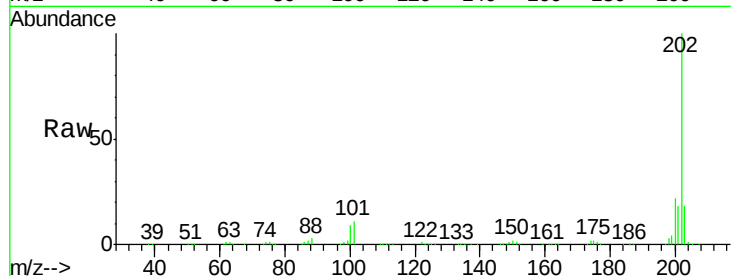
#77
 Pyrene
 Concen: 40.05 ng
 RT: 13.53 min Scan# 914
 Delta R.T. 0.09 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	15.0	22.4
203	17.7	14.1	21.1

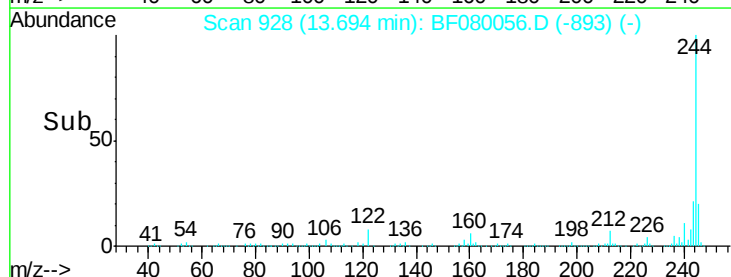
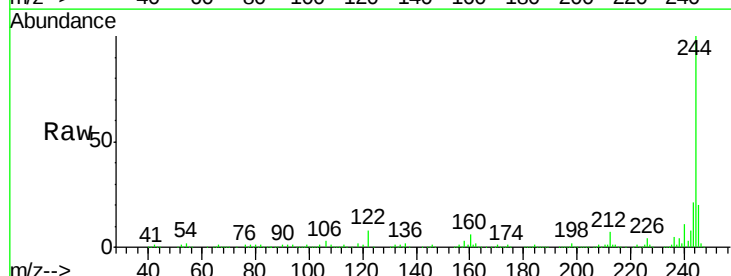
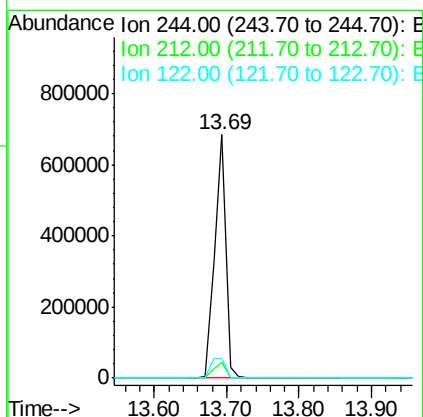
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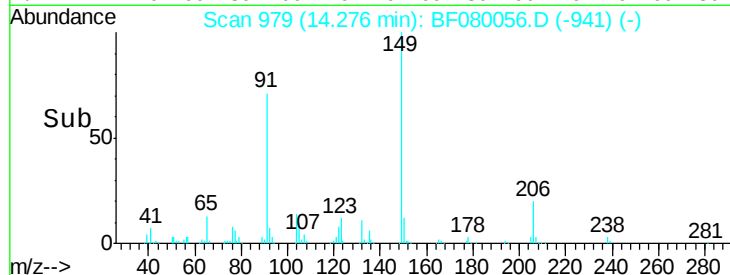
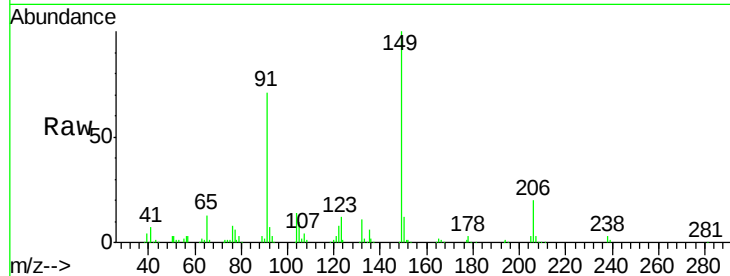
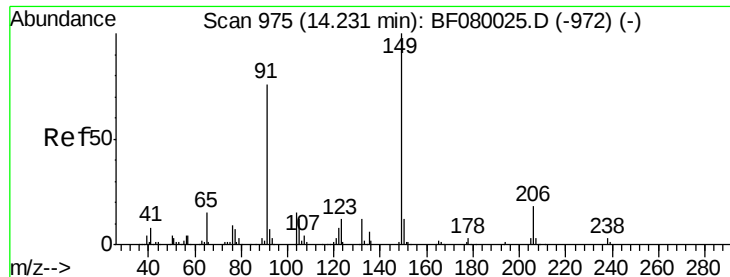
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#78
 Terphenyl-d14
 Concen: 80.43 ng
 RT: 13.69 min Scan# 928
 Delta R.T. 0.10 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	4.3	6.5#
122	8.2	17.4	26.2#





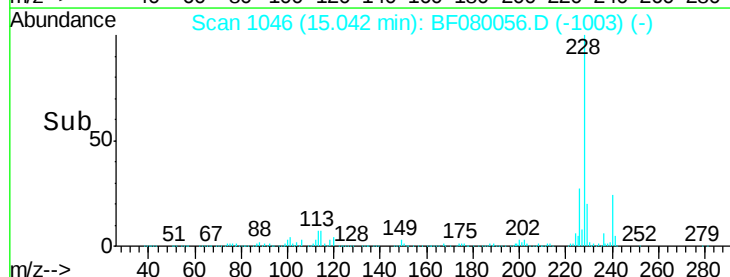
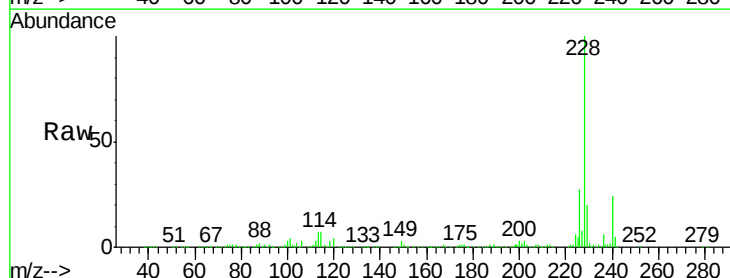
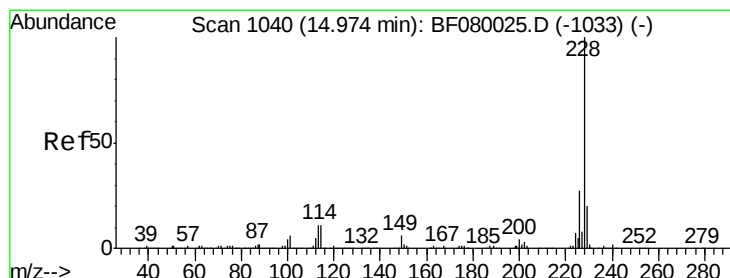
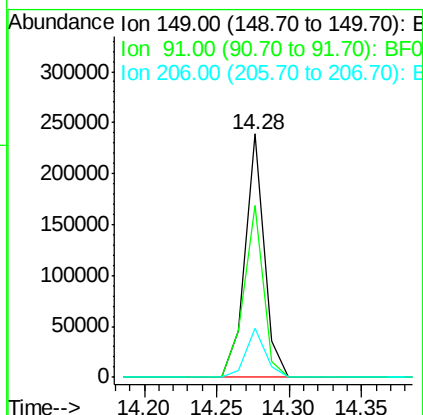
#79
Butylbenzylphthalate
Concen: 42.27 ng
RT: 14.28 min Scan# 979
Delta R.T. 0.14 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	220486		
91	70.8	48.6	72.8	
206	20.1	14.9	22.3	

Instrument :
BNA_F
ClientSampleId :
PB84099BS

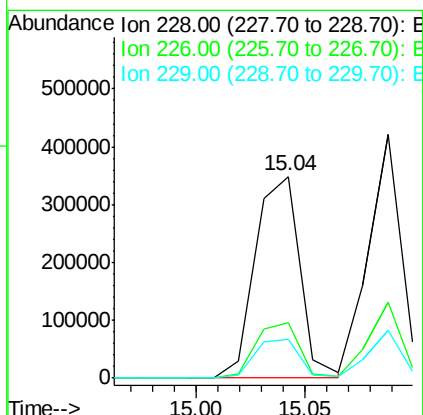
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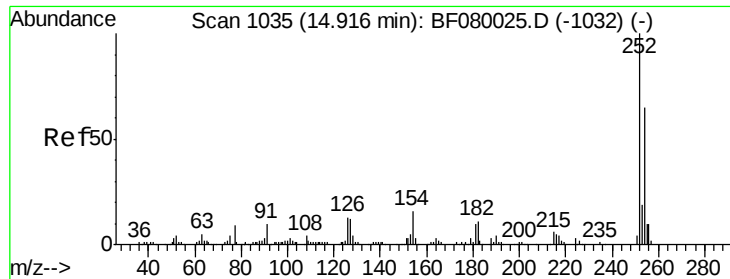
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#80
Benzo(a)anthracene
Concen: 38.90 ng
RT: 15.04 min Scan# 1046
Delta R.T. 0.19 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	499987		
226	27.4	20.0	30.0	
229	19.5	15.4	23.2	





#81

3,3'-Dichlorobenzidine

Concen: 34.22 ng

RT: 14.99 min Scan# 1041

Delta R.T. 0.19 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

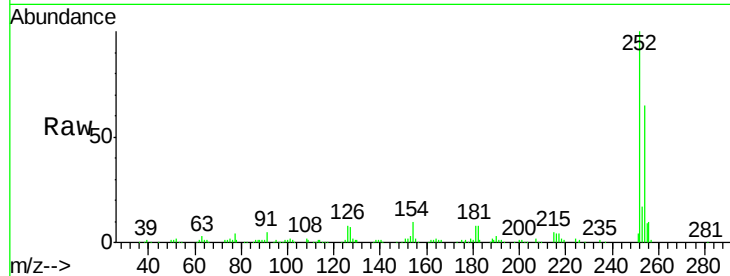
ClientSampleId :

PB84099BS

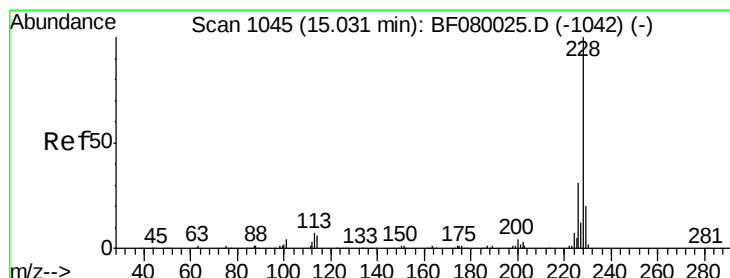
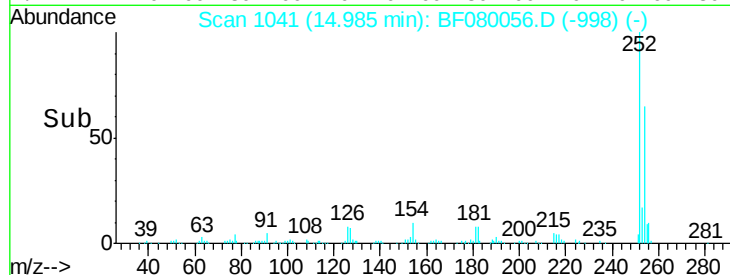
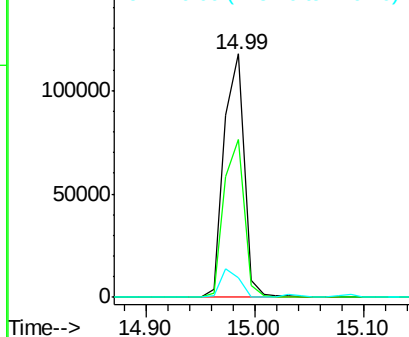
Tgt Ion:	252	Resp:	151693
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.4	77.2
126	7.8	16.4	24.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.56 ng

RT: 15.09 min Scan# 1050

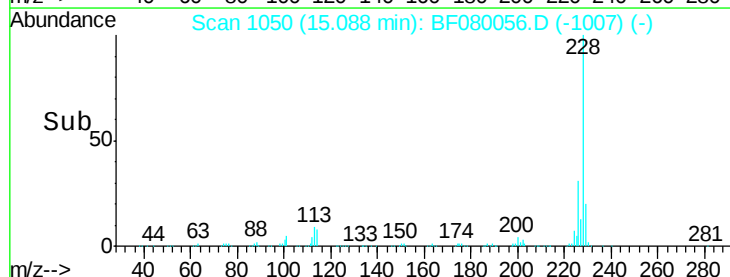
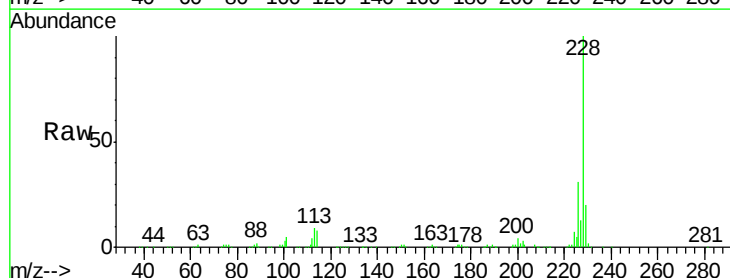
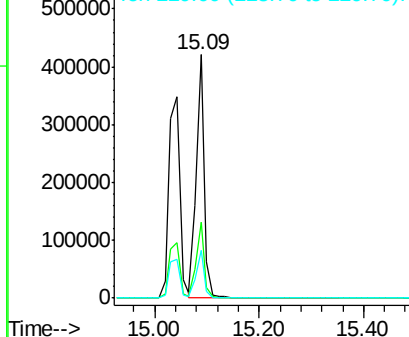
Delta R.T. 0.19 min

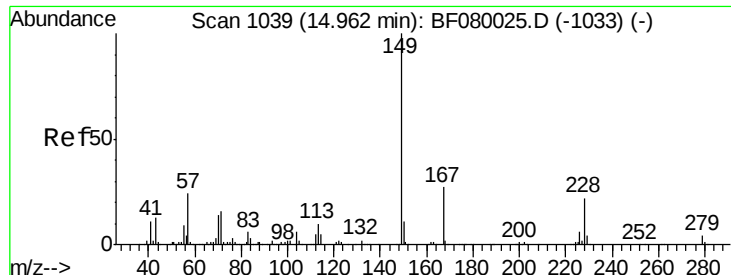
Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

Tgt Ion:	228	Resp:	457040
Ion Ratio	Lower	Upper	
228	100		
226	31.0	21.0	31.4
229	19.8	15.6	23.4

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





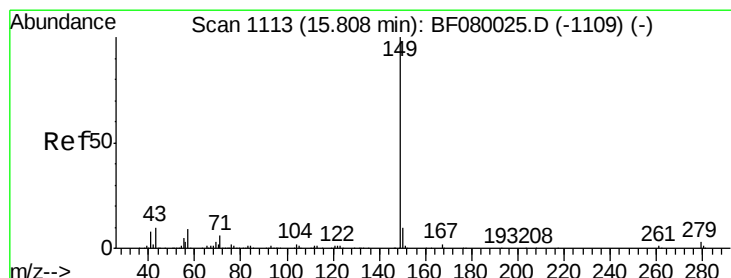
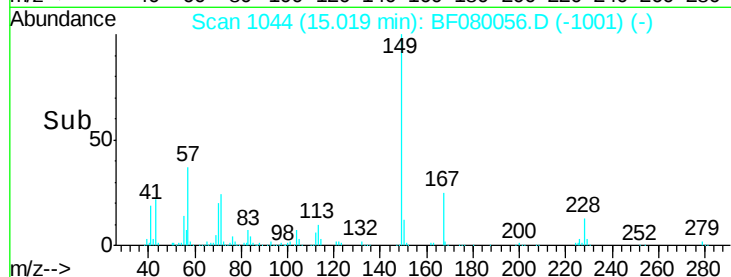
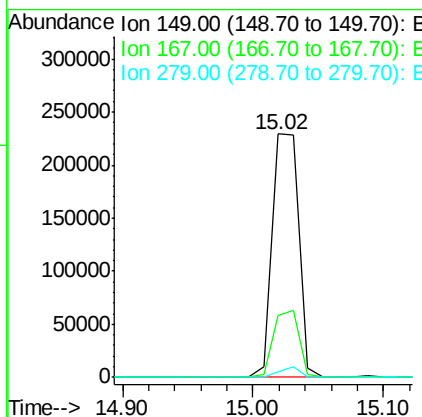
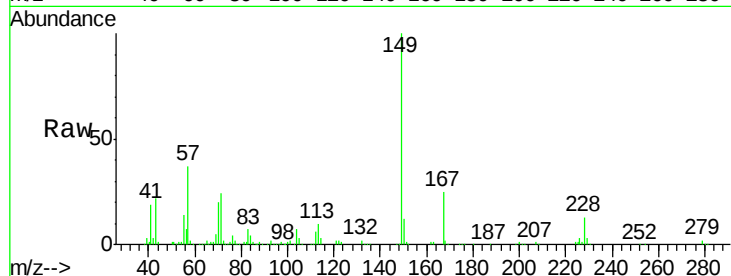
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.85 ng
 RT: 15.02 min Scan# 1044
 Delta R.T. 0.19 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.2	24.2	36.2
279	2.1	3.8	5.6

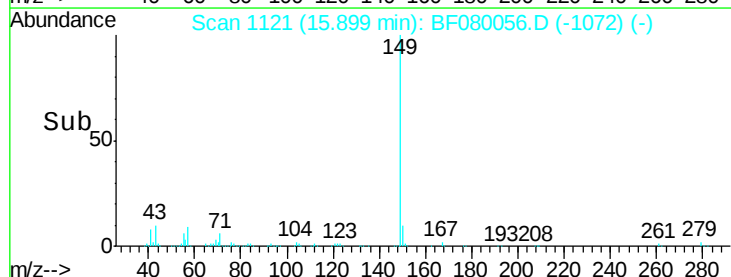
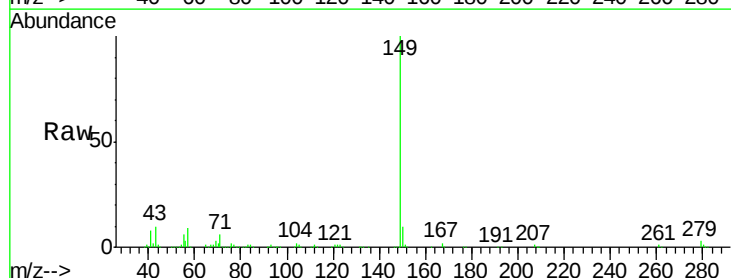
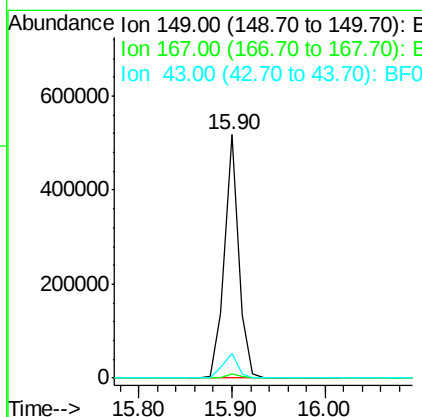
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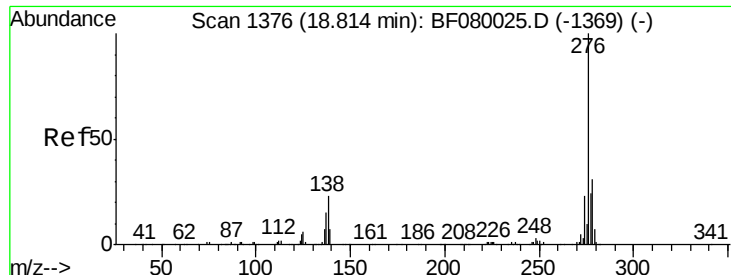
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#84
 Di-n-octyl phthalate
 Concen: 39.07 ng
 RT: 15.90 min Scan# 1121
 Delta R.T. 0.26 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.0	1.6
43	10.9	10.2	15.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.56 ng

RT: 18.91 min Scan# 1384

Delta R.T. 0.29 min

Lab File: BF080056.D

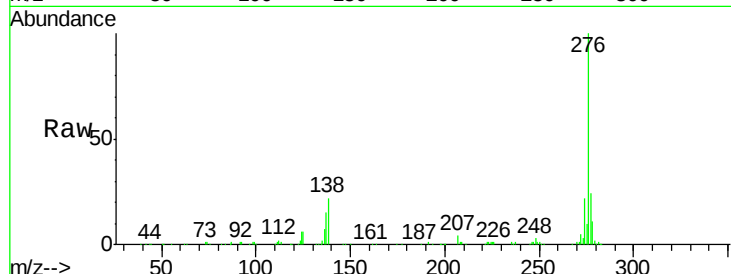
Acq: 19 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84099BS



Tgt Ion: 276 Resp: 531410

Ion Ratio Lower Upper

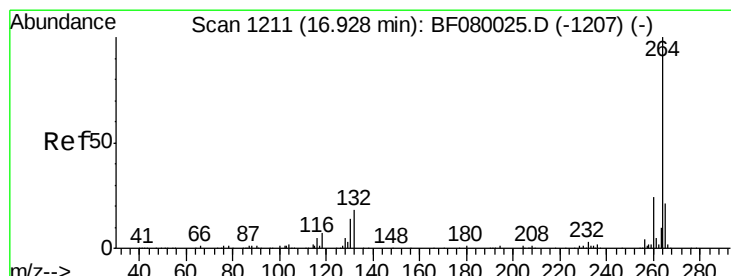
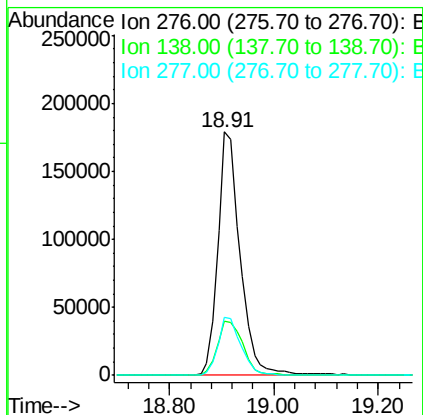
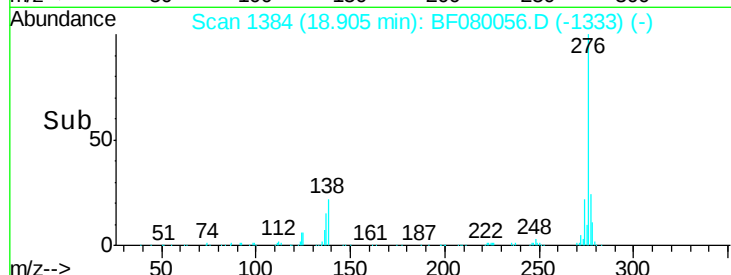
276 100

138 25.9 25.7 38.5

277 24.6 15.6 23.4#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 17.03 min Scan# 1220

Delta R.T. 0.29 min

Lab File: BF080056.D

Acq: 19 Jun 2015 14:05

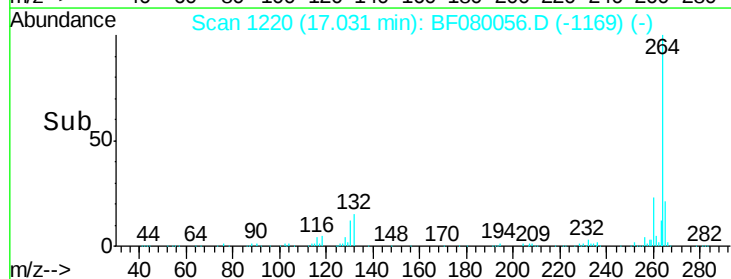
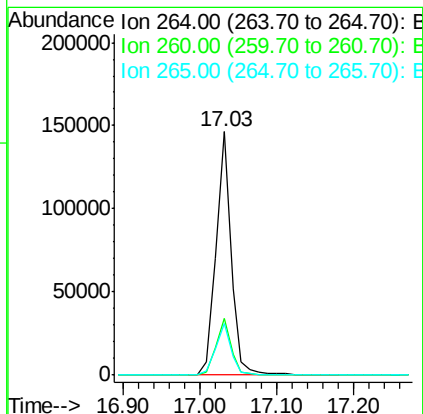
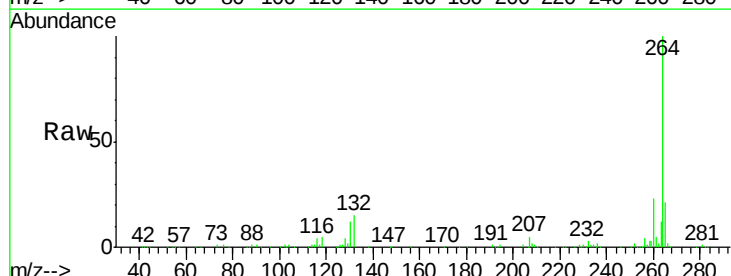
Tgt Ion: 264 Resp: 201644

Ion Ratio Lower Upper

264 100

260 23.2 16.7 25.1

265 21.3 17.2 25.8





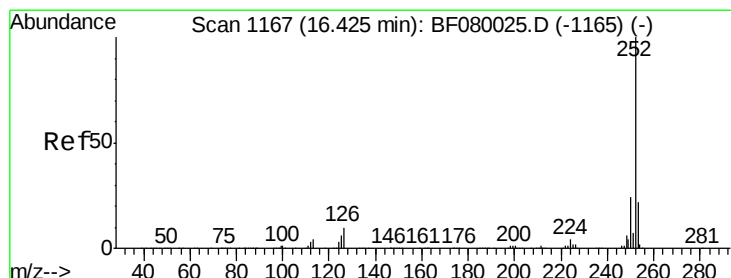
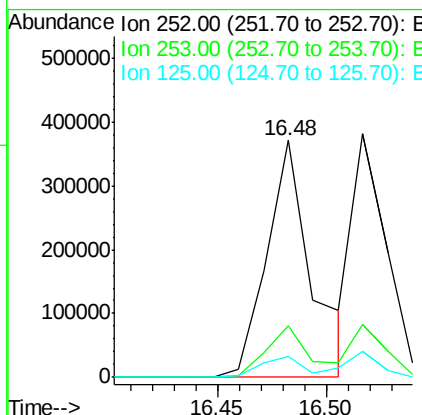
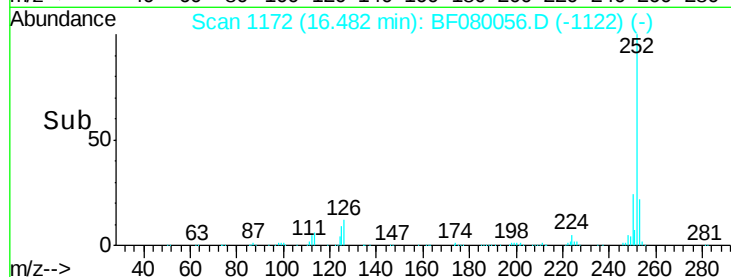
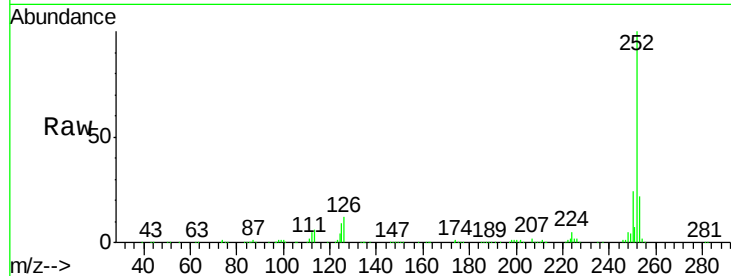
#87
Benzo(b)fluoranthene
Concen: 43.73 ng
RT: 16.48 min Scan# 1172
Delta R.T. 0.27 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	8.9	17.1	25.7#

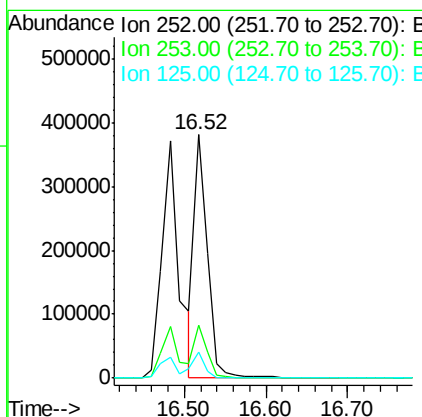
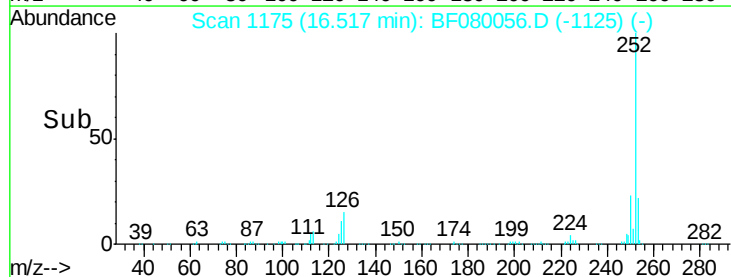
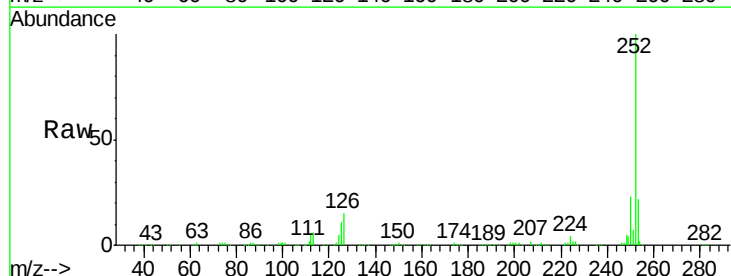
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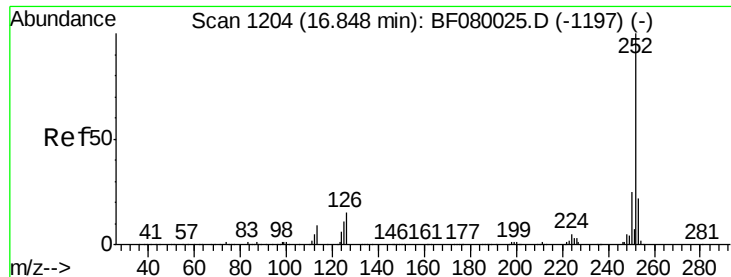
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#88
Benzo(k)fluoranthene
Concen: 34.33 ng
RT: 16.52 min Scan# 1175
Delta R.T. 0.27 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	10.7	16.0	24.0#





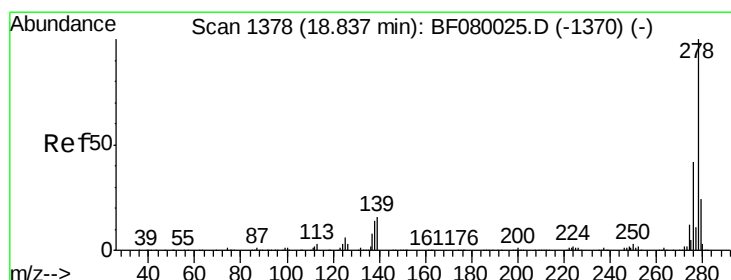
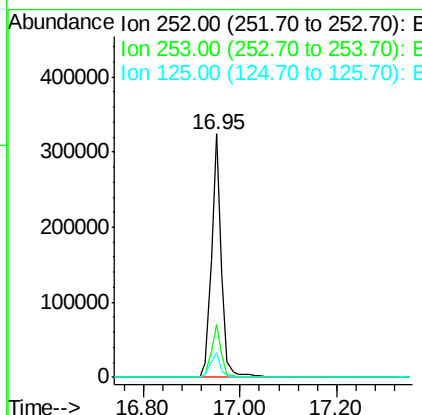
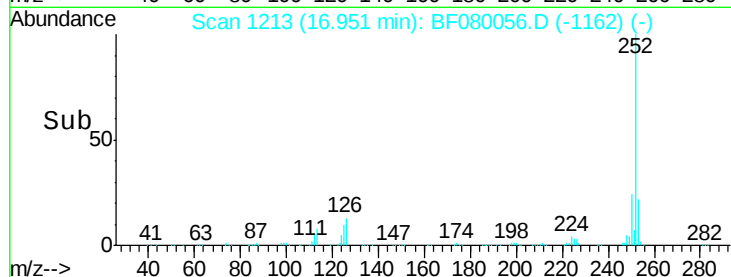
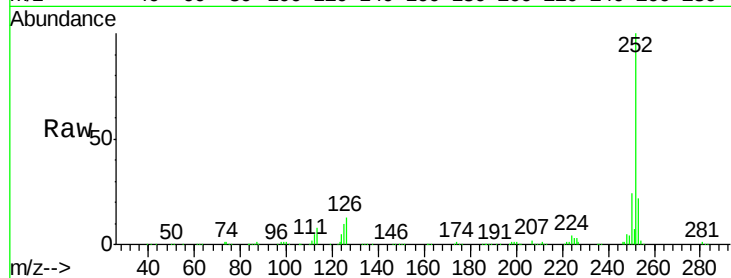
#89
Benzo(a)pyrene
Concen: 40.99 ng
RT: 16.95 min Scan# 1213
Delta R.T. 0.29 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.3	18.0	27.0

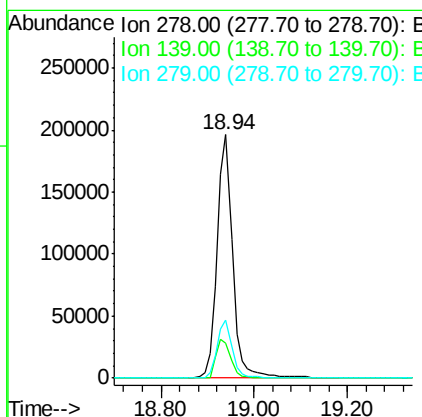
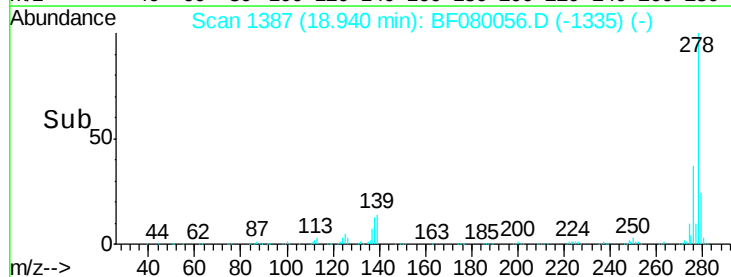
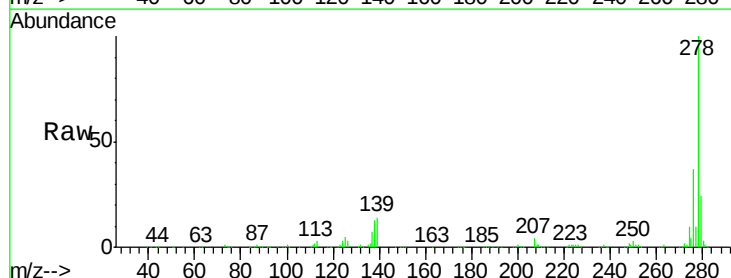
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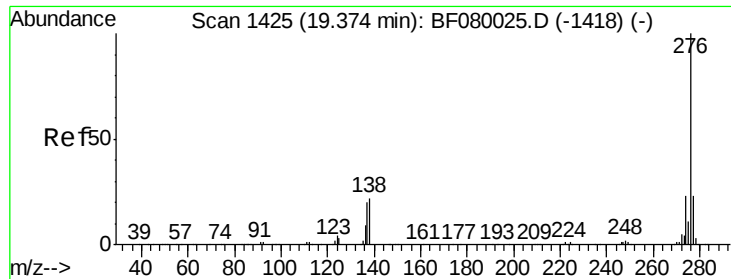
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#90
Dibenzo(a,h)anthracene
Concen: 38.06 ng
RT: 18.94 min Scan# 1387
Delta R.T. 0.30 min
Lab File: BF080056.D
Acq: 19 Jun 2015 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	26.3	39.5
279	23.6	18.2	27.4





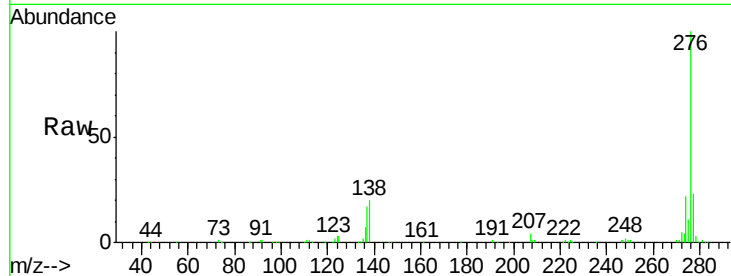
#91
 Benzo(g,h,i)perylene
 Concen: 37.86 ng
 RT: 19.48 min Scan# 1434
 Delta R.T. 0.30 min
 Lab File: BF080056.D
 Acq: 19 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.8	17.8	26.6
138	20.3	34.6	51.8#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

