

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081508.D
 Acq On : 6 Sep 2015 14:16
 Operator : UM/IZ
 Sample : G3472-07MSD
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 3:58:20 PM

Quant Time: Sep 07 06:49:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 05:41:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52107	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	186999	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	83988	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	135549	20.00	ng	0.00
75) Chrysene-d12	13.47	240	98772	20.00	ng	0.01
86) Perylene-d12	14.79	264	87262	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.91	112	347534	103.48	ng	0.02
7) Phenol-d6	6.03	99	436314	98.15	ng	0.00
23) Nitrobenzene-d5	6.94	82	268678	69.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	68696	91.86	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	395911	60.41	ng	-0.01
78) Terphenyl-d14	12.43	244	252702	59.56	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.74	88	42537	28.20	ng	# 80
3) Pyridine	2.27	79	102369	24.61	ng	# 86
4) n-Nitrosodimethylamine	2.23	42	84134	36.41	ng	# 65
6) Aniline	6.02	93	94109	14.99	ng	# 70
8) 2-Chlorophenol	6.15	128	127483	34.45	ng	# 87
9) Benzaldehyde	5.90	77	90062	32.33	ng	# 84
10) Phenol	6.04	94	149205	28.94	ng	# 19
11) bis(2-Chloroethyl)ether	6.11	93	147057	39.54	ng	# 92
12) 1,3-Dichlorobenzene	6.30	146	134094	33.91	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	134588	33.43	ng	# 90
14) 1,2-Dichlorobenzene	6.52	146	113624	31.34	ng	# 85
15) Benzyl Alcohol	6.52	79	119901	32.88	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	254685	35.72	ng	# 1
17) 2-Methylphenol	6.66	107	102073	34.57	ng	# 74
18) Hexachloroethane	6.87	117	51747	33.04	ng	# 93
19) n-Nitroso-di-n-propylamine	6.80	70	98910	32.69	ng	# 90
20) 3+4-Methylphenols	6.82	107	135697	34.08	ng	# 88
22) Acetophenone	6.79	105	189947	37.19	ng	# 74
24) Nitrobenzene	6.96	77	161176	40.04	ng	# 66
25) Isophorone	7.20	82	252661	35.05	ng	# 80
26) 2-Nitrophenol	7.28	139	61452	35.03	ng	# 51
27) 2,4-Dimethylphenol	7.35	122	115028	37.96	ng	# 81
28) bis(2-Chloroethoxy)methane	7.43	93	145022	34.83	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	97930	37.27	ng	# 93
30) 1,2,4-Trichlorobenzene	7.60	180	105210	36.86	ng	# 96
31) Naphthalene	7.67	128	481201	48.25	ng	# 98
32) Benzoic acid	7.45	122	19440	11.05	ng	# 51
33) 4-Chloroaniline	7.75	127	56867	13.98	ng	# 85
34) Hexachlorobutadiene	7.80	225	60737	34.96	ng	# 96
35) Caprolactam	8.11	113	34086	42.30	ng	# 2
36) 4-Chloro-3-methylphenol	8.25	107	111534	37.92	ng	# 78
37) 2-Methylnaphthalene	8.36	142	325915	50.22	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	87832	33.07	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	12829	9.84	ng	# 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	58314	31.81	ng	99
43) 2,4,5-Trichlorophenol	8.70	196	59108	31.61	ng #	69
45) 1,1'-Biphenyl	8.83	154	277209	35.88	ng	94
46) 2-Chloronaphthalene	8.84	162	186942	33.50	ng #	87
47) 2-Nitroaniline	8.96	65	87104	38.30	ng #	68
48) Acenaphthylene	9.26	152	373835	37.76	ng	96
49) Dimethylphthalate	9.14	163	330875	50.71	ng #	97
50) 2,6-Dinitrotoluene	9.21	165	39263	26.51	ng	94
51) Acenaphthene	9.43	154	285143	50.63	ng	90
52) 3-Nitroaniline	9.37	138	40487	24.01	ng #	81
53) 2,4-Dinitrophenol	9.48	184	4663	7.47	ng #	28
54) Dibenzofuran	9.60	168	378483	46.03	ng #	86
55) 4-Nitrophenol	9.56	139	60907m	57.50	ng	
56) 2,4-Dinitrotoluene	9.60	165	56957	30.20	ng #	1
57) Fluorene	9.93	166	289649	46.42	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	45515	31.88	ng #	82
59) Diethylphthalate	9.84	149	220297	32.09	ng	95
60) 4-Chlorophenyl-phenylether	9.94	204	101893	35.03	ng	96
61) 4-Nitroaniline	9.98	138	47039	27.61	ng #	46
62) Azobenzene	10.09	77	239610	31.40	ng	88
64) 4,6-Dinitro-2-methylphenol	10.01	198	5771	7.61	ng #	58
65) n-Nitrosodiphenylamine	10.06	169	196935	39.93	ng	94
66) 4-Bromophenyl-phenylether	10.42	248	51347	37.46	ng	98
67) Hexachlorobenzene	10.48	284	47420	33.09	ng #	88
68) Atrazine	10.60	200	49253	34.51	ng	83
69) Pentachlorophenol	10.68	266	49348	71.75	ng	99
70) Phenanthrene	10.89	178	1194777	158.55	ng	95
71) Anthracene	10.94	178	508828	65.72	ng	97
72) Carbazole	11.10	167	328592	45.23	ng #	94
73) Di-n-butylphthalate	11.45	149	339746	39.60	ng #	98
74) Fluoranthene	12.07	202	1445486	177.19	ng	92
77) Pyrene	12.29	202	1234250m	168.69	ng	
79) Butylbenzylphthalate	12.94	149	371552	116.77	ng	97
80) Benzo(a)anthracene	13.46	228	812733	129.21	ng	92
81) 3,3'-Dichlorobenzidine	13.44	252	30555	14.40	ng	97
82) Chrysene	13.51	228	648126	114.95	ng	92
83) Bis(2-ethylhexyl)phthalate	13.50	149	227033	54.07	ng #	90
84) Di-n-octyl phthalate	14.10	149	260031	37.61	ng	95
85) Indeno(1,2,3-cd)pyrene	15.87	276	331287	80.08	ng #	84
87) Benzo(b)fluoranthene	14.47	252	882233m	141.61	ng	
88) Benzo(k)fluoranthene	14.49	252	268693m	51.98	ng	
89) Benzo(a)pyrene	14.74	252	515254	97.60	ng #	85
90) Dibenzo(a,h)anthracene	15.89	278	195858	48.01	ng #	75
91) Benzo(g,h,i)perylene	16.19	276	260223	66.84	ng #	74

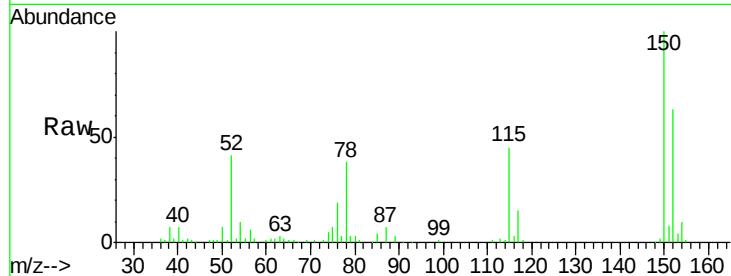
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

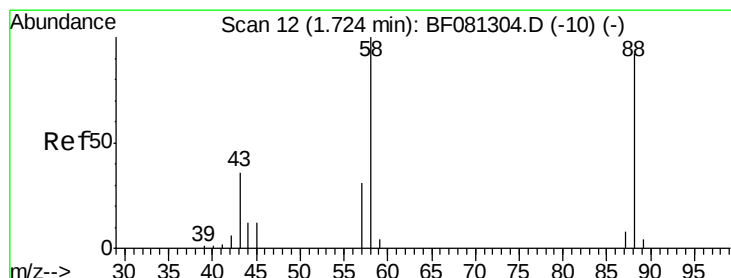
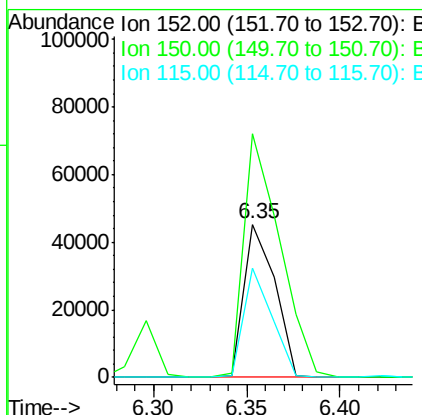
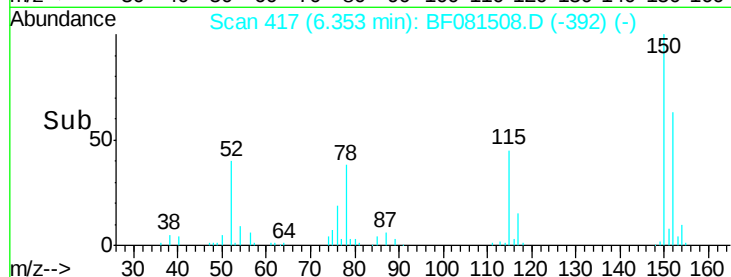
Instrument :
BNA_F
ClientSampleId :
SB003MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	71.0	39.0	58.4

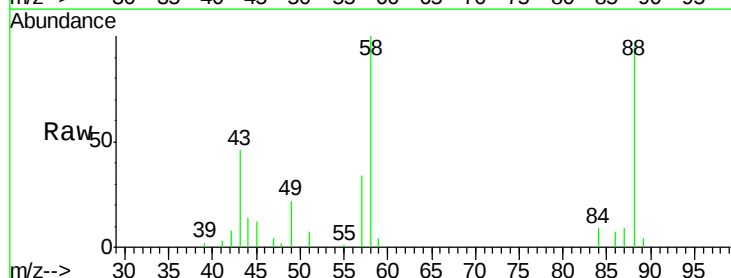
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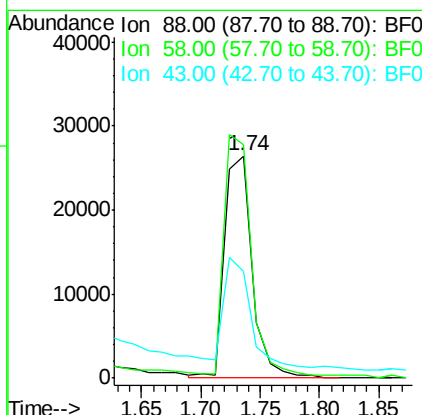
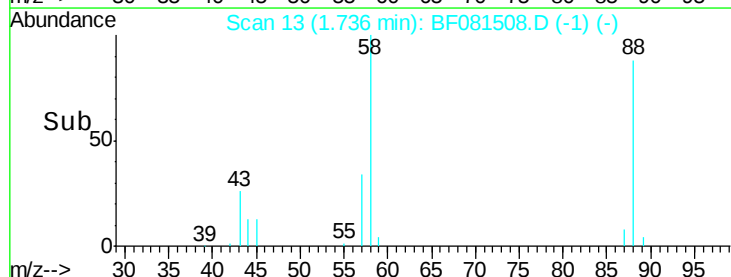


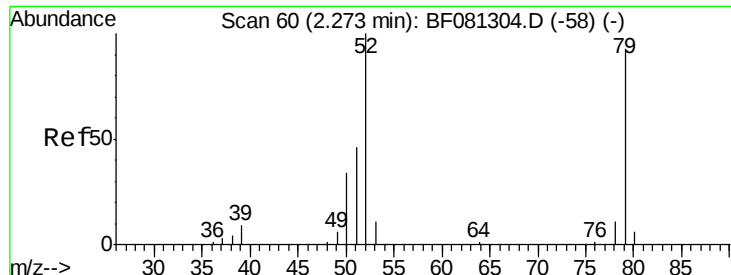
#2

1,4-Dioxane
Concen: 28.20 ng
RT: 1.74 min Scan# 13
Delta R.T. 0.06 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16



Tgt Ion	Ratio	Lower	Upper
88	100		
58	112.0	77.7	116.5
43	53.3	26.6	40.0





#3

Pyridine

Concen: 24.61 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.06 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

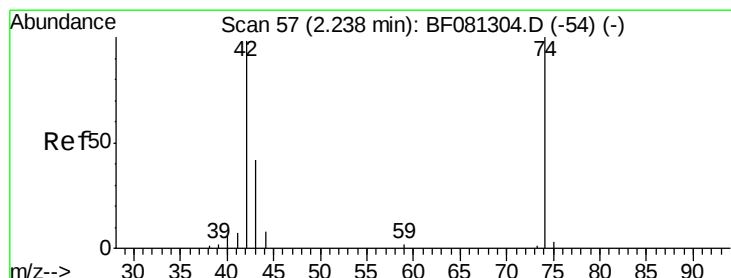
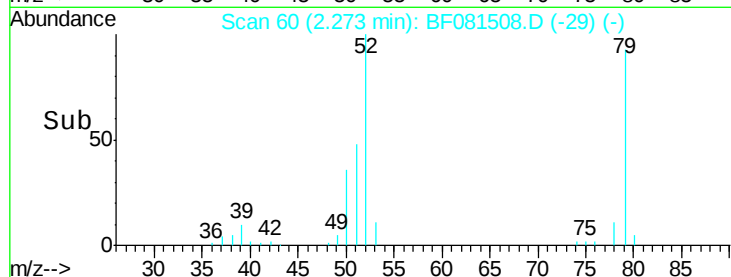
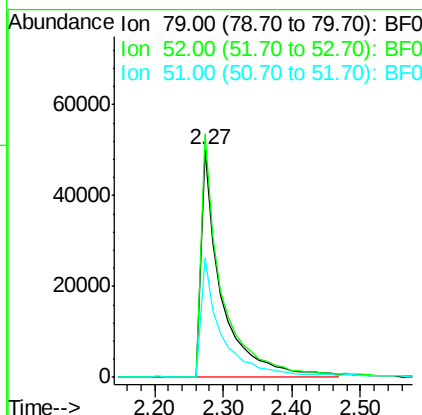
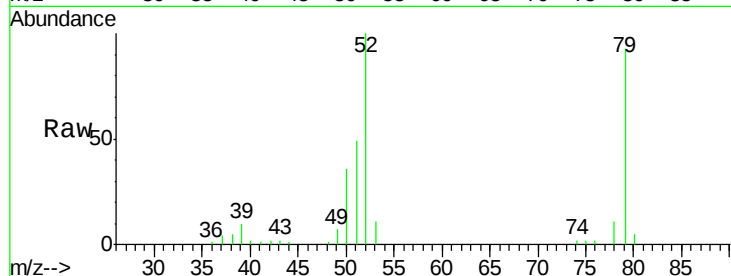
ClientSampleId :

SB003MSD

Tgt Ion:	79	Resp:	102369
Ion	Ratio	Lower	Upper
79	100		
52	107.0	76.8	115.2
51	52.4	32.2	48.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.41 ng

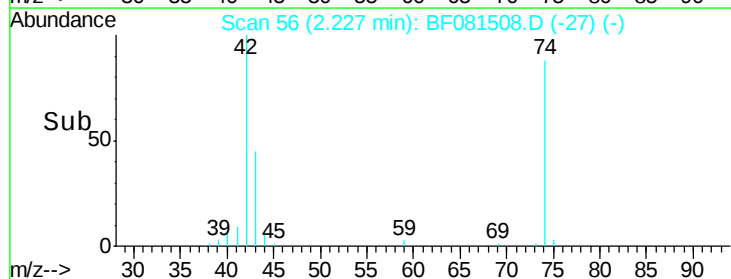
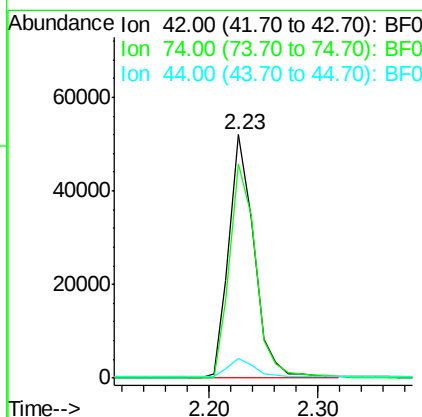
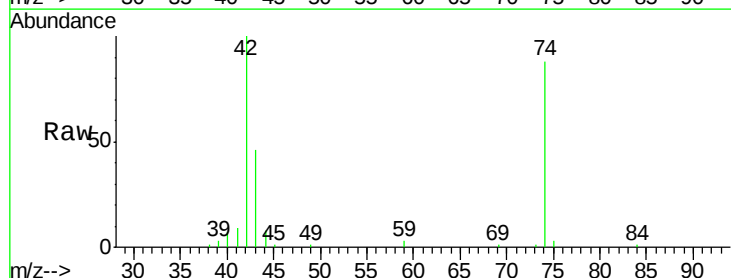
RT: 2.23 min Scan# 56

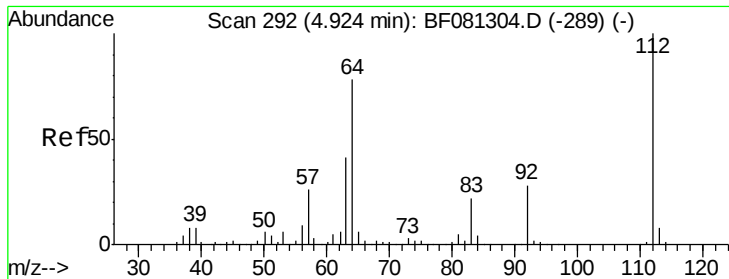
Delta R.T. 0.03 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion:	42	Resp:	84134
Ion	Ratio	Lower	Upper
42	100		
74	88.0	105.0	157.6#
44	8.1	6.6	10.0





#5

2-Fluorophenol

Concen: 103.48 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF081508.D

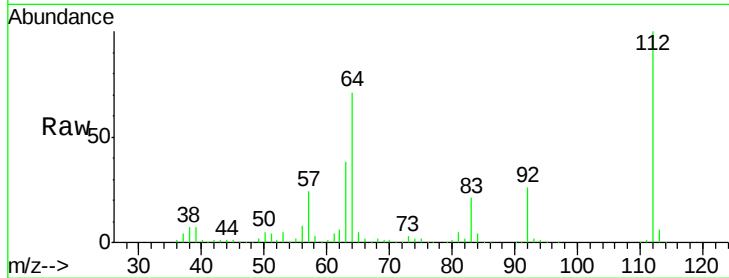
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

SB003MSD



Tgt Ion: 112 Resp: 347534

Ion Ratio Lower Upper

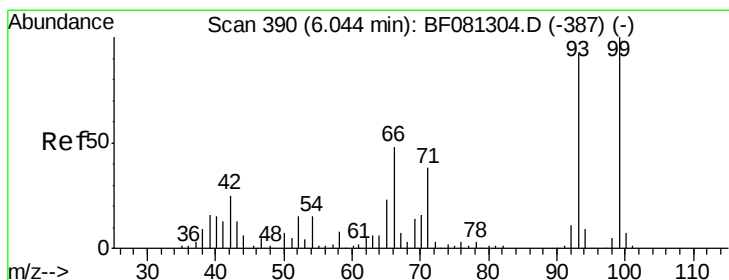
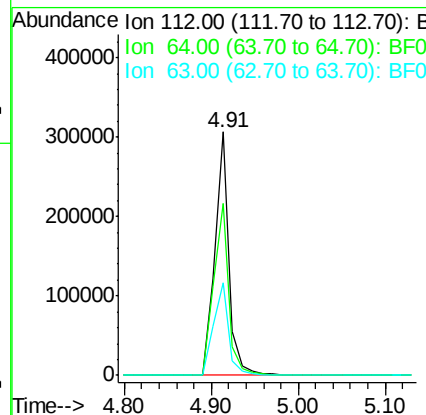
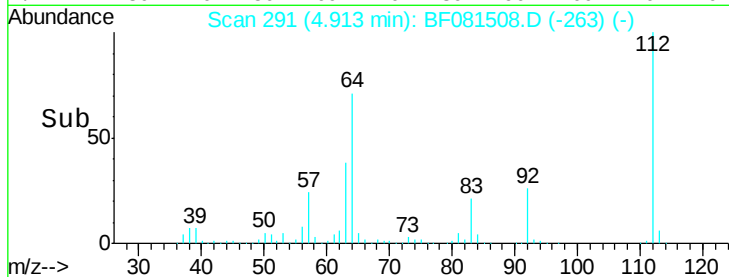
112 100

64 70.7 39.7 59.5#

63 37.8 17.4 26.0#

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#6

Aniline

Concen: 14.99 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

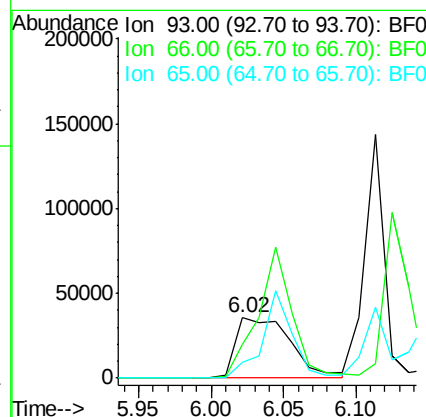
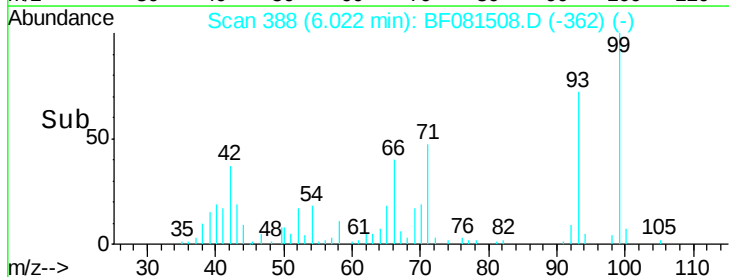
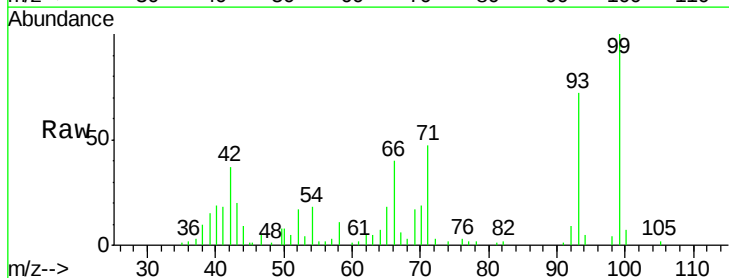
Tgt Ion: 93 Resp: 94109

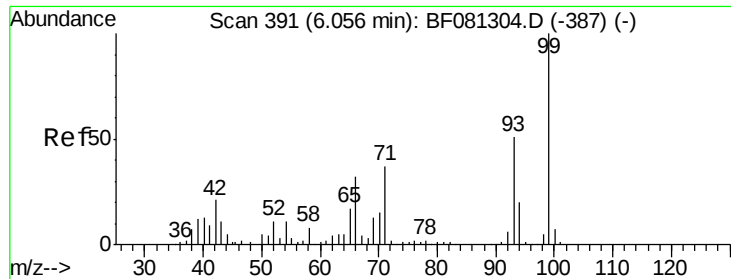
Ion Ratio Lower Upper

93 100

66 55.4 27.2 40.8#

65 25.4 14.7 22.1#





#7

Phenol-d6

Concen: 98.15 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081508.D

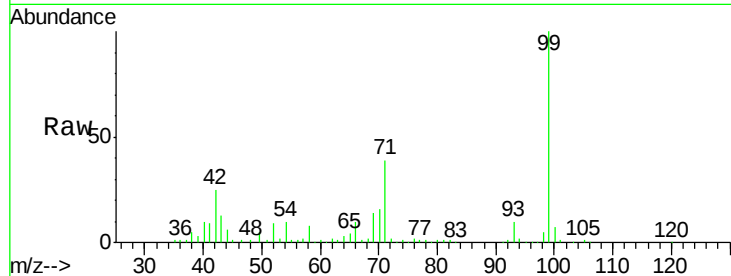
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 436314

Ion Ratio Lower Upper

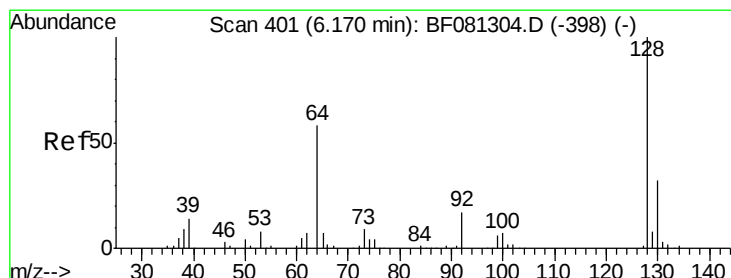
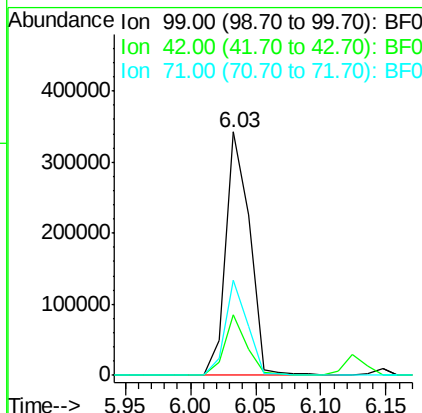
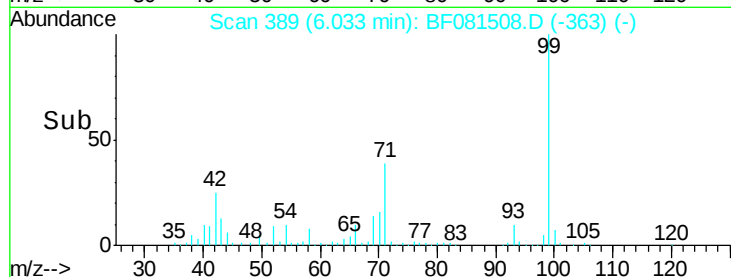
99 100

42 24.9 13.7 20.5#

71 38.9 14.2 21.2#

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#8

2-Chlorophenol

Concen: 34.45 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

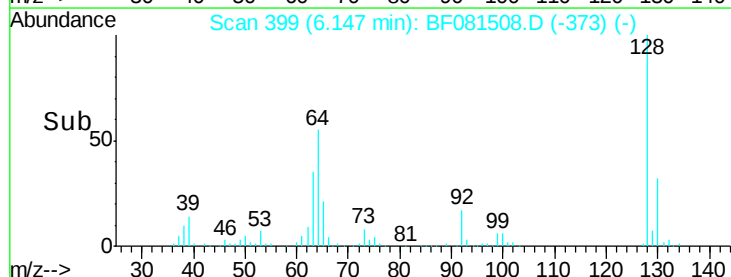
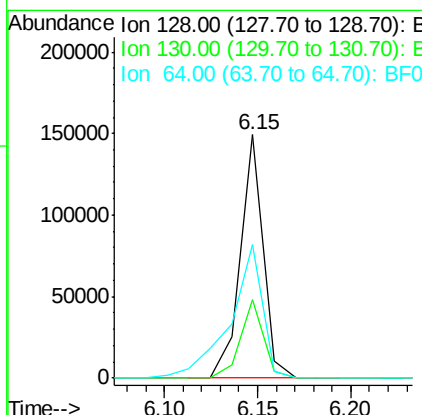
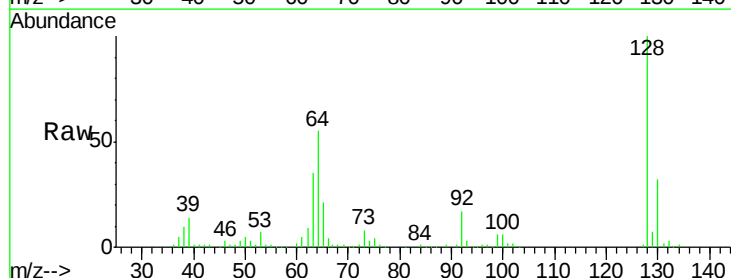
Tgt Ion: 128 Resp: 127483

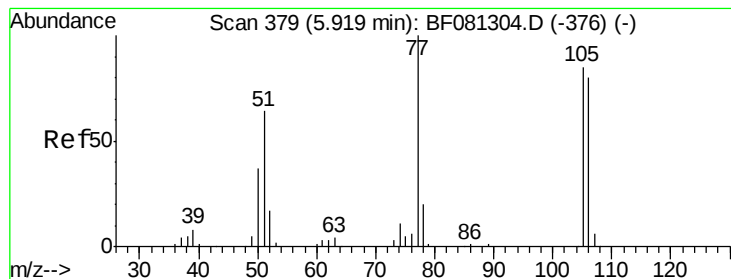
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 54.6 20.5 60.5





#9

Benzaldehyde

Concen: 32.33 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

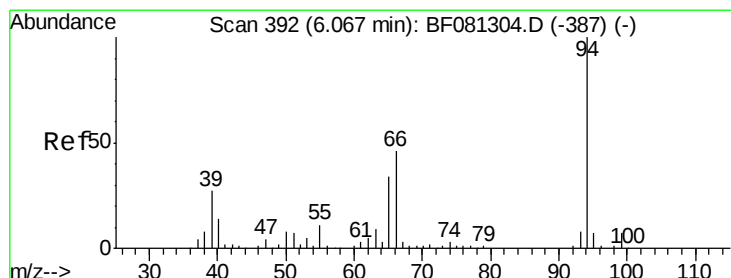
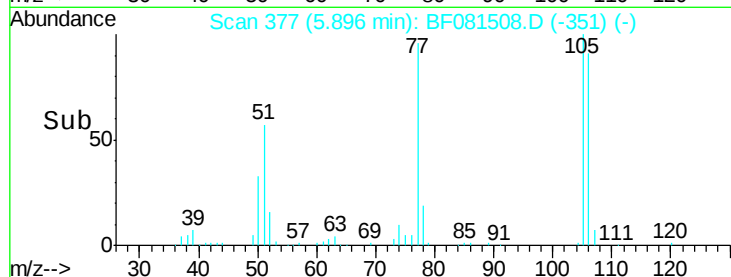
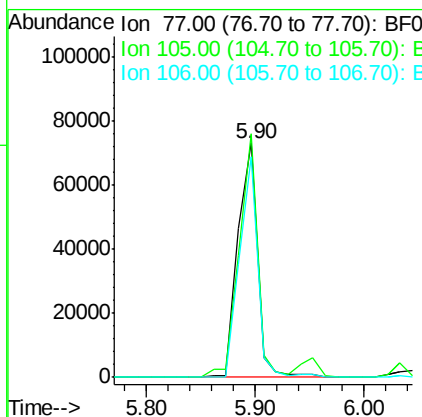
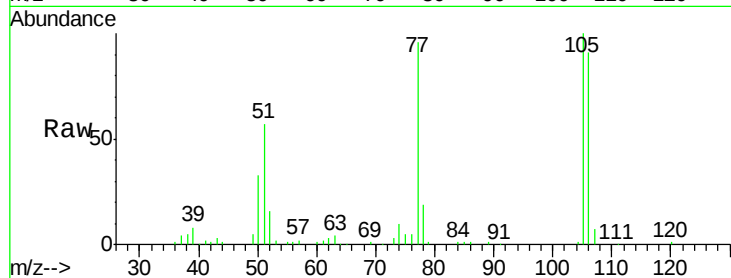
ClientSampleId :

SB003MSD

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.0	91.6	131.6
106	94.5	102.6	142.6#



#10

Phenol

Concen: 28.94 ng

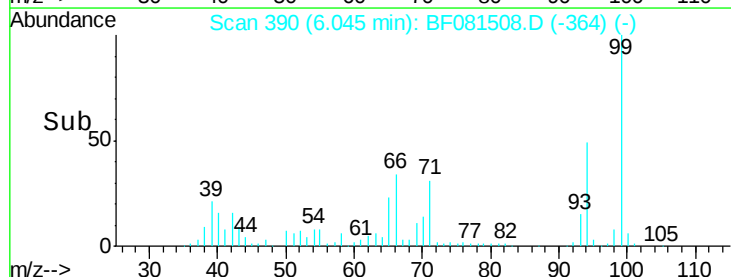
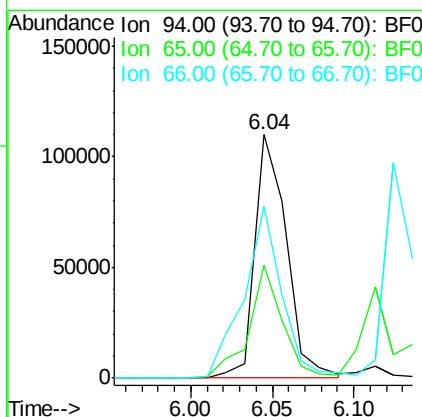
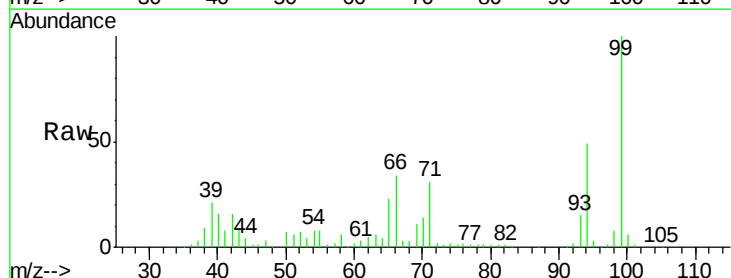
RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081508.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.5	0.7	40.7#
66	70.5	0.8	40.8#





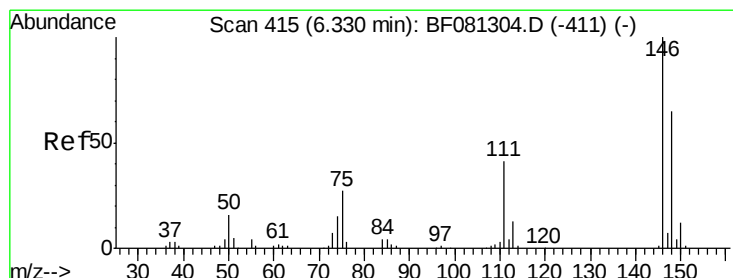
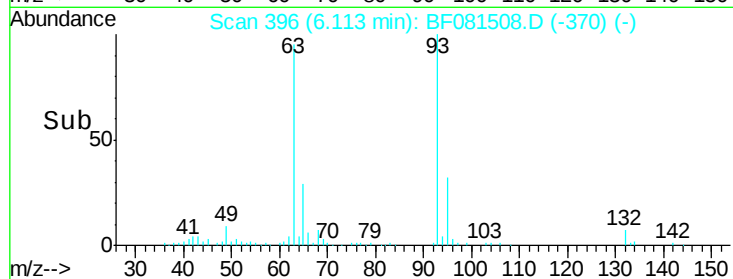
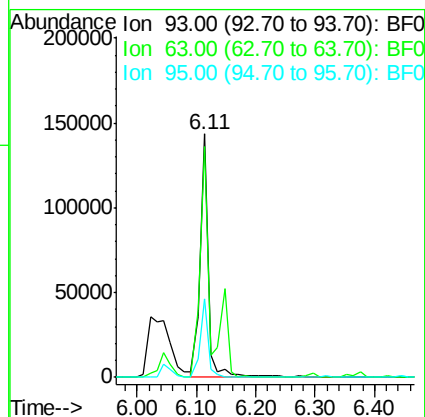
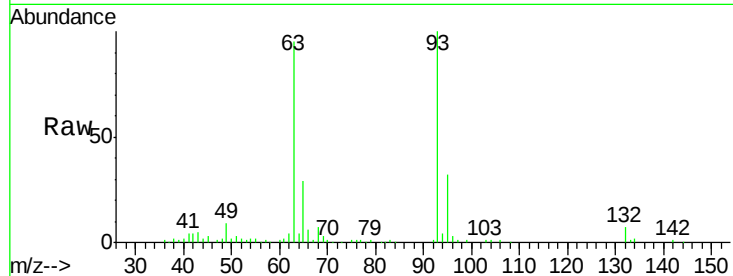
#11
bis(2-Chloroethyl)ether
Concen: 39.54 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147057		
63	95.1	65.6	105.6	
95	32.1	13.6	53.6	

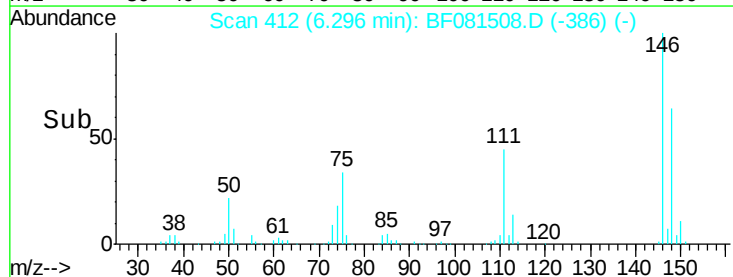
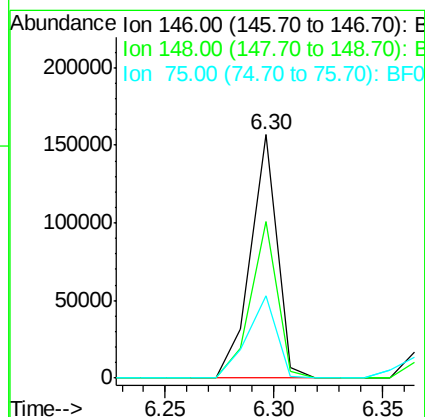
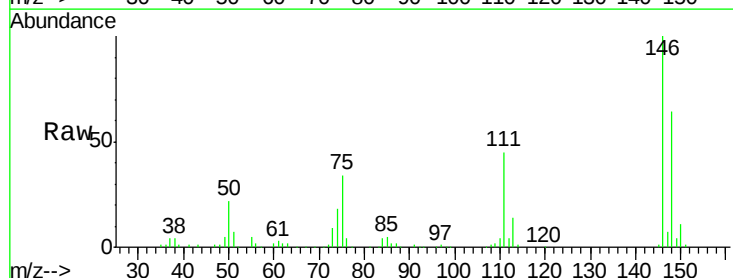
Manual Integrations
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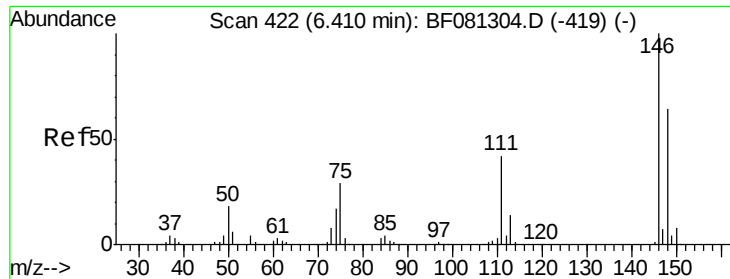
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#12
1,3-Dichlorobenzene
Concen: 33.91 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	134094		
148	64.2	51.0	76.4	
75	33.6	15.0	22.6	





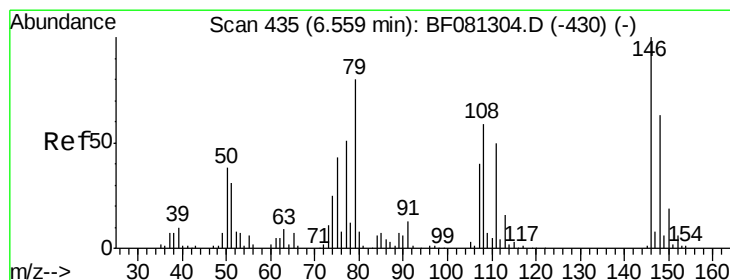
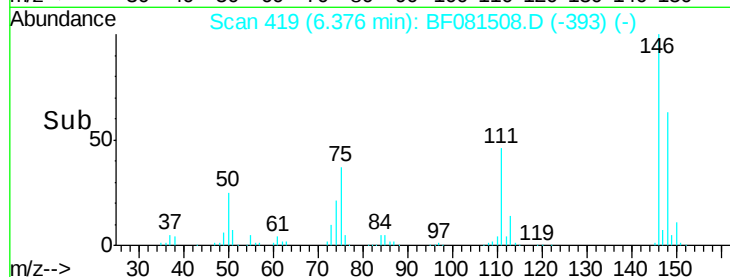
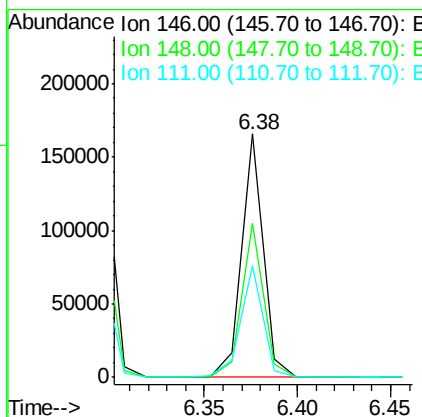
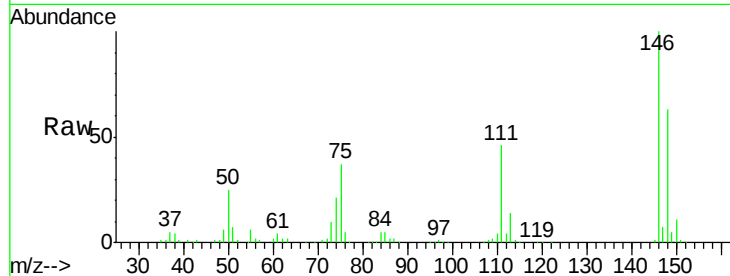
#13
 1,4-Dichlorobenzene
 Concen: 33.43 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.2	51.8	77.6
111	45.7	24.9	37.3#

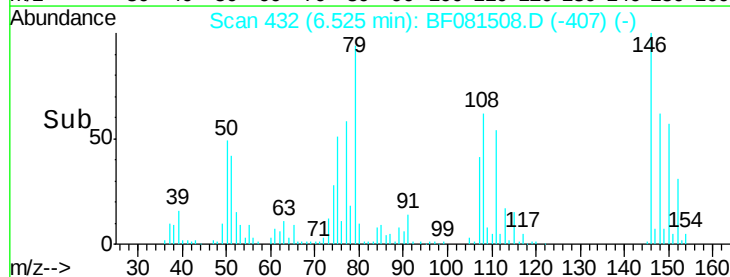
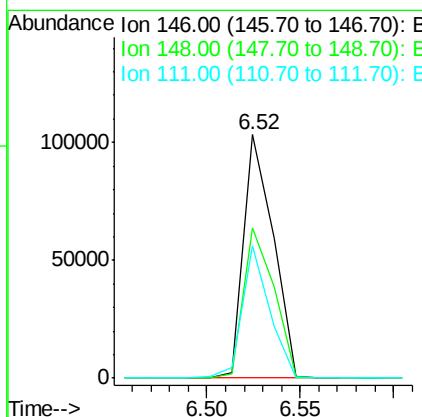
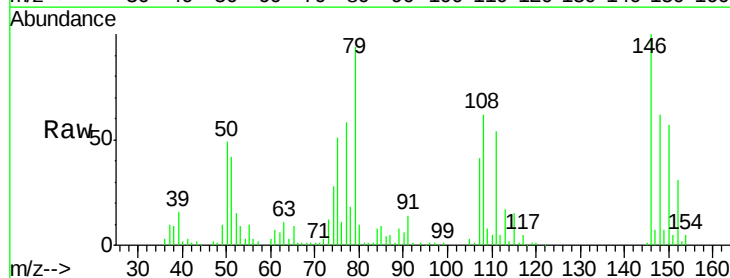
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#14
 1,2-Dichlorobenzene
 Concen: 31.34 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	61.7	52.7	79.1
111	54.5	28.8	43.2#





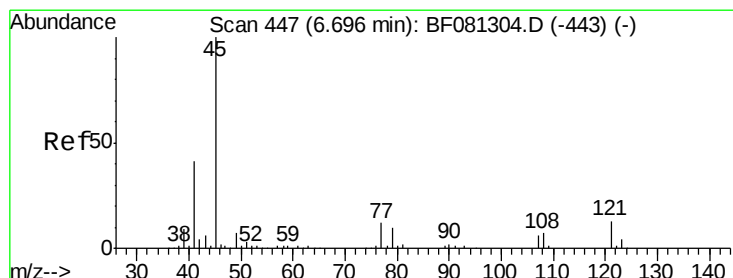
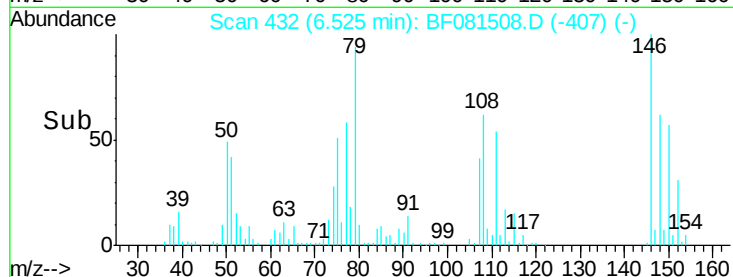
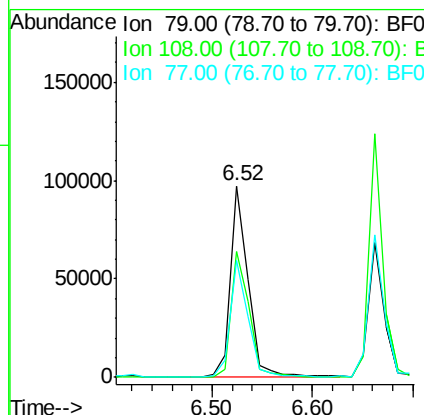
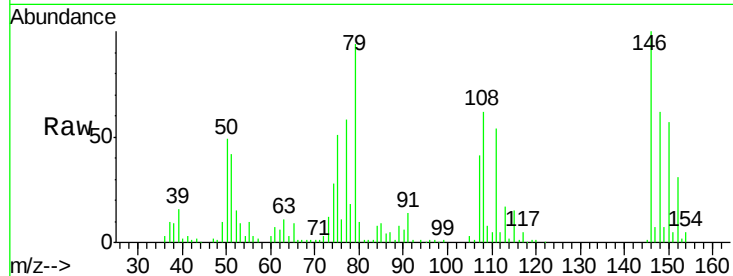
#15
Benzyl Alcohol
Concen: 32.88 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion: 79 Resp: 119901
Ion Ratio Lower Upper
79 100
108 65.7 88.6 132.8#
77 61.4 47.0 70.4

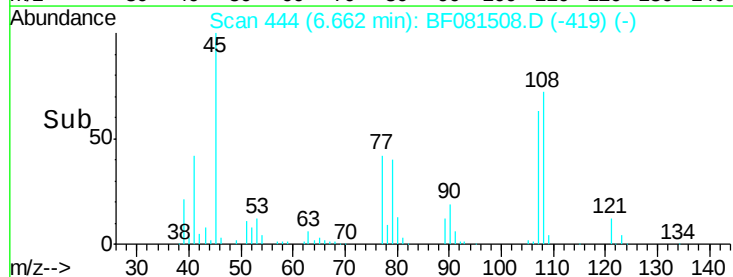
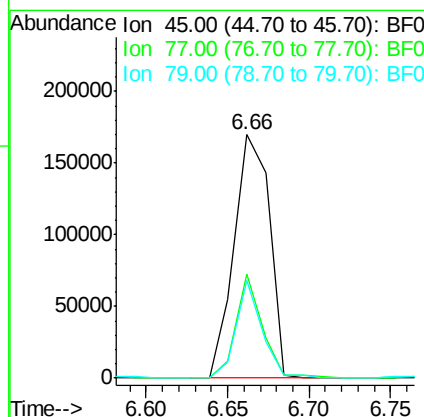
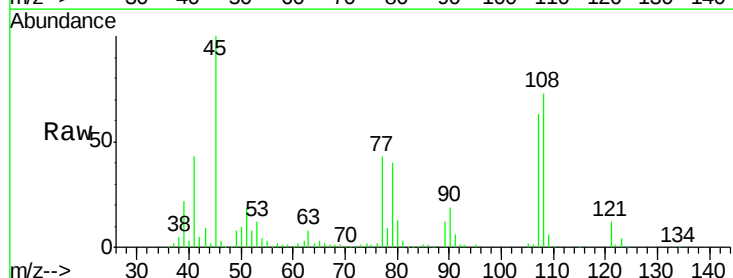
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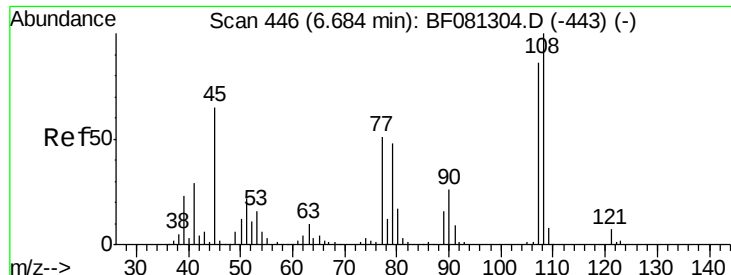
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.72 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion: 45 Resp: 254685
Ion Ratio Lower Upper
45 100
77 42.7 0.0 28.1#
79 40.3 0.0 26.0#





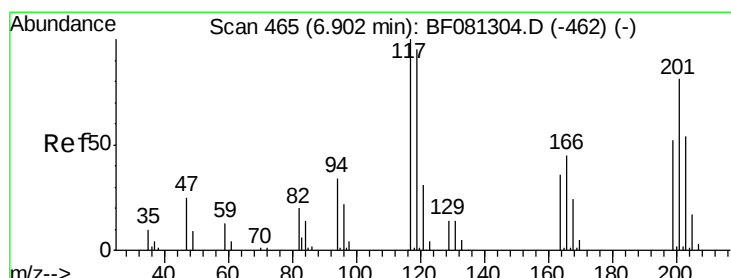
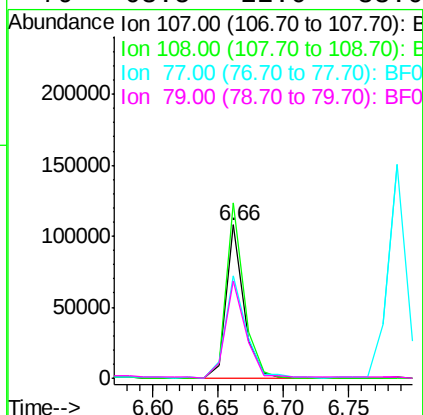
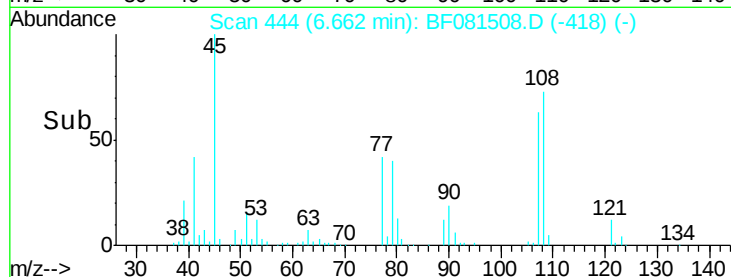
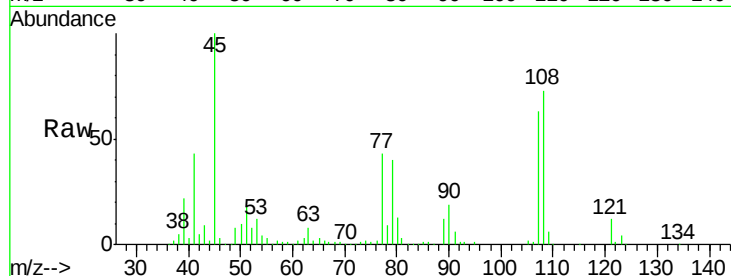
#17
2-Methylphenol
Concen: 34.57 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	102073		
108	114.8	96.6	145.0	
77	67.3	23.3	34.9	
79	63.5	22.0	33.0	

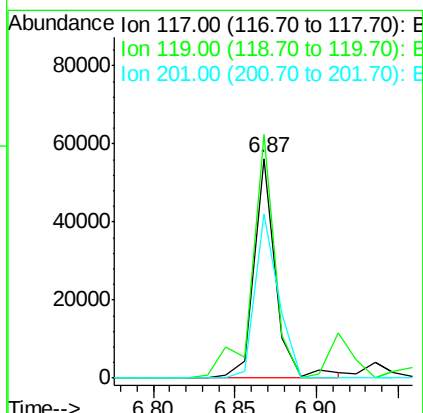
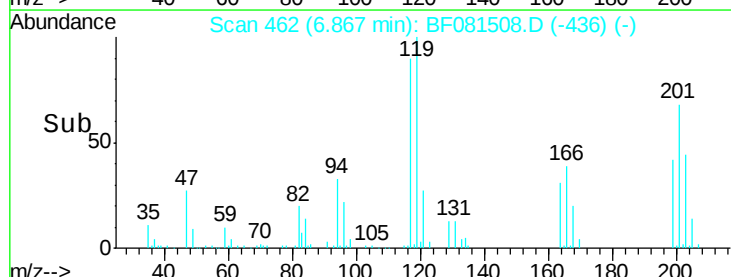
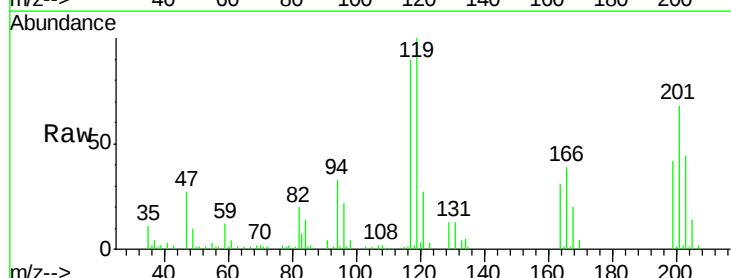
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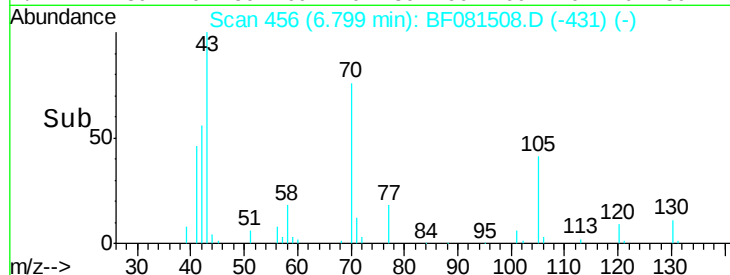
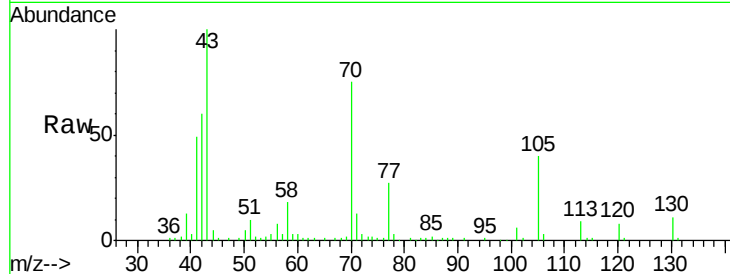
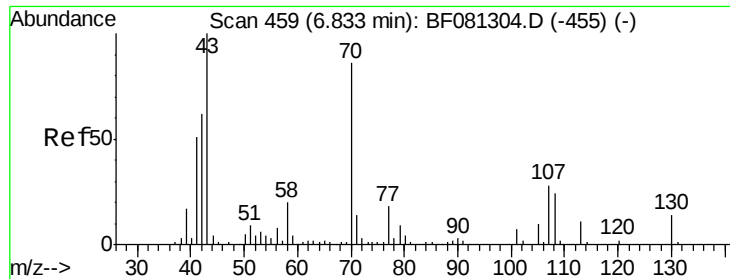
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#18
Hexachloroethane
Concen: 33.04 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51747		
119	110.9	83.8	125.6	
201	75.1	55.1	82.7	





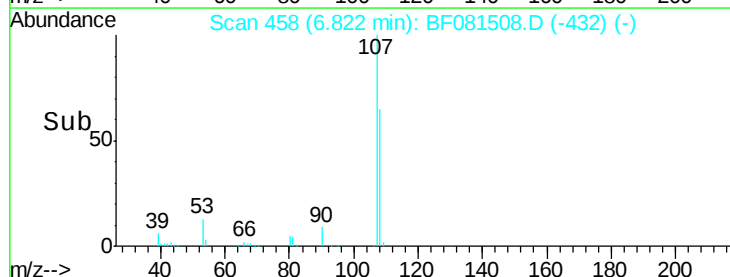
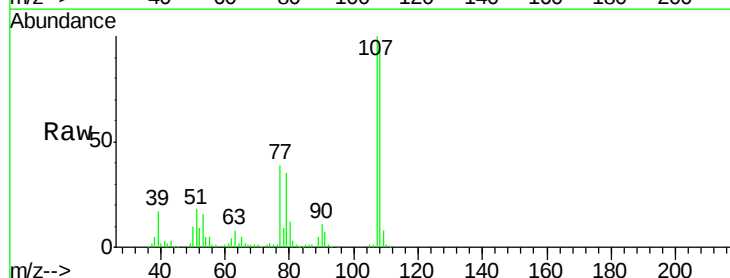
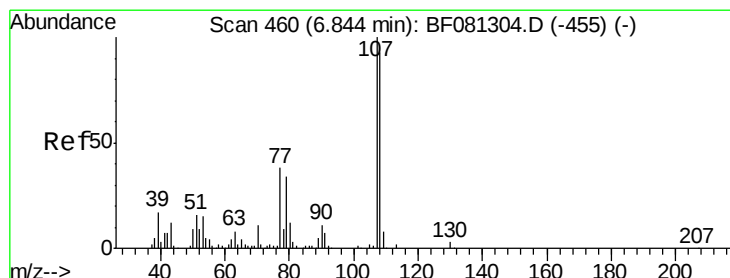
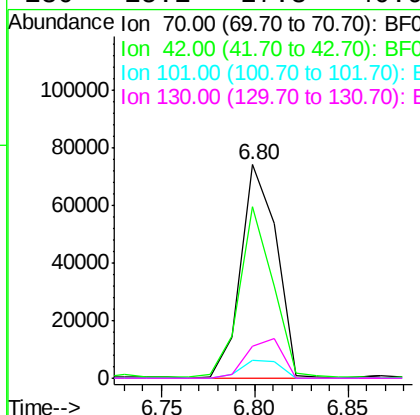
#19
n-Nitroso-di-n-propylamine
Concen: 32.69 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Manual Integrations
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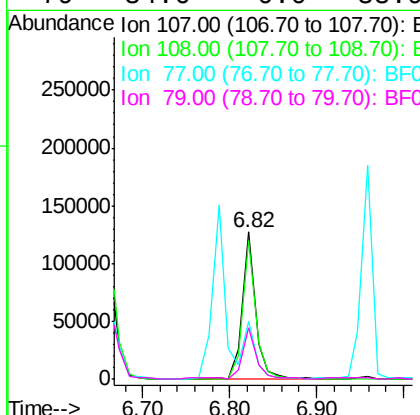
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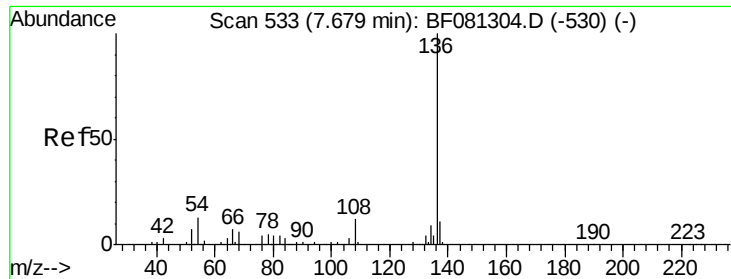
Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.2	63.8	95.6
101	8.3	9.2	13.8
130	15.1	27.3	40.9



#20
3+4-Methylphenols
Concen: 34.08 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	74.6	114.6
77	39.1	0.7	40.7
79	34.6	0.0	38.9





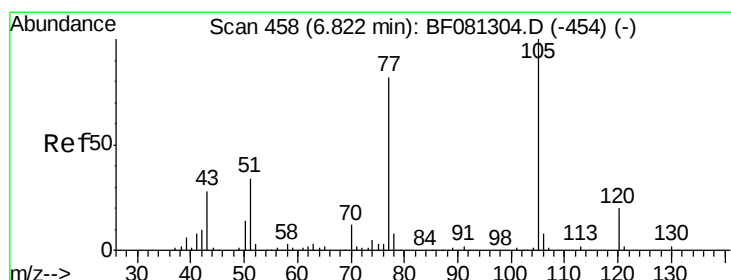
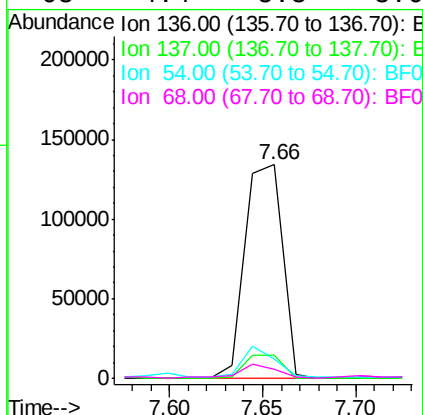
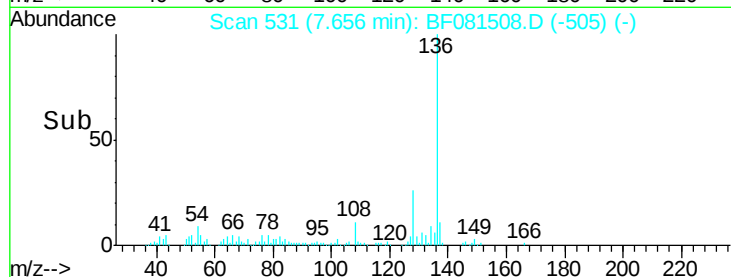
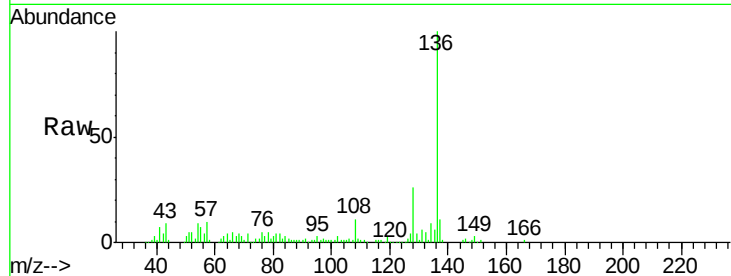
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	186999		
137	10.7	9.0	13.6	
54	8.8	8.2	12.2	
68	4.4	5.8	8.6#	

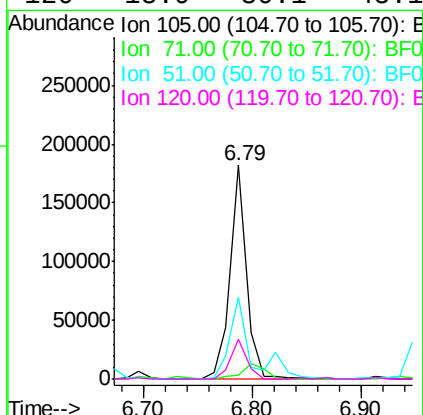
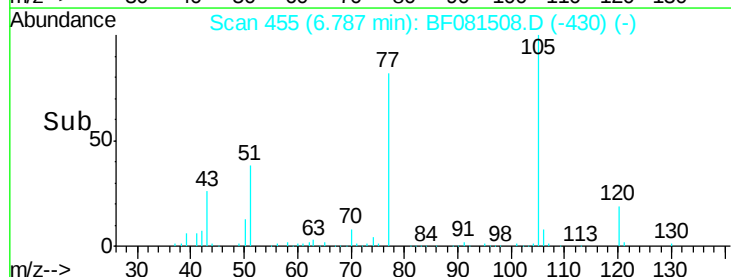
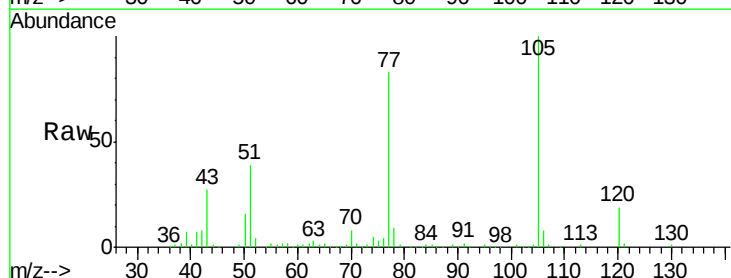
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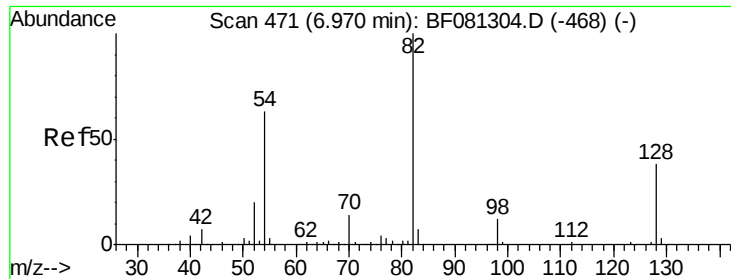
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#22
Acetophenone
Concen: 37.19 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189947		
71	1.7	4.7	7.1#	
51	38.6	22.0	33.0#	
120	18.9	30.1	45.1#	





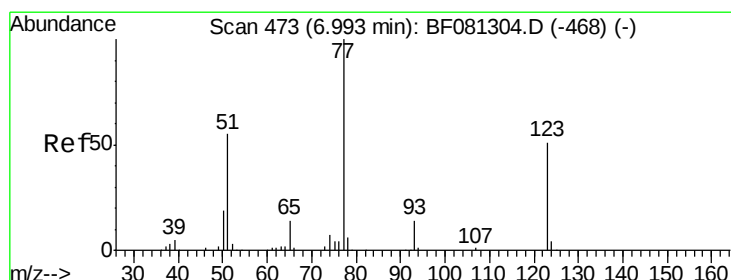
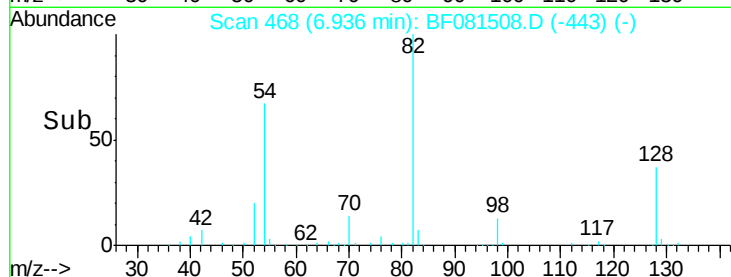
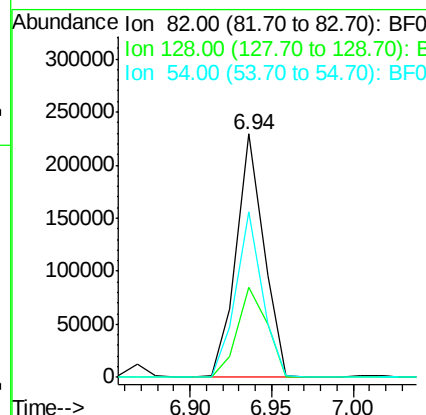
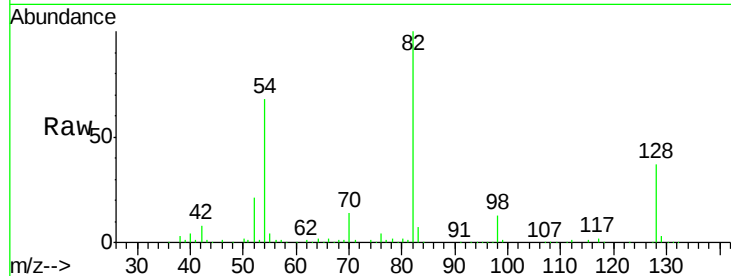
#23
Nitrobenzene-d5
Concen: 69.32 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	268678		
128	36.9	51.0	76.6#	
54	67.8	47.5	71.3	

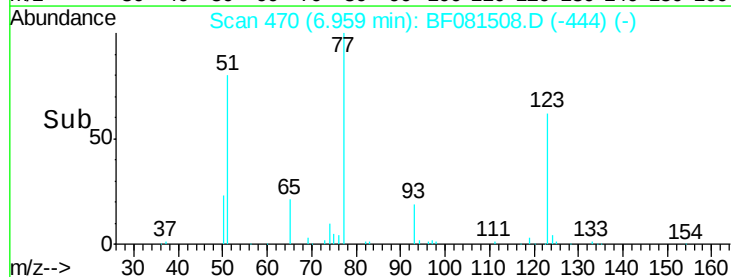
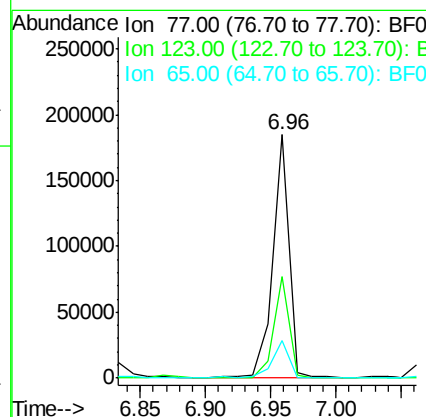
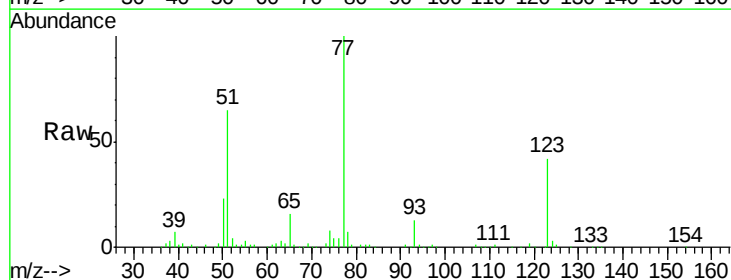
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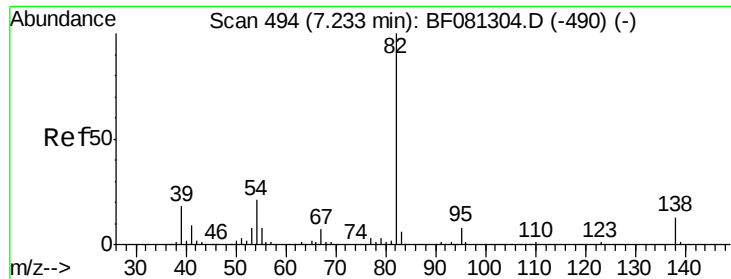
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#24
Nitrobenzene
Concen: 40.04 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	161176		
123	41.6	59.8	89.8#	
65	15.6	10.2	15.4#	





#25

Isophorone

Concen: 35.05 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

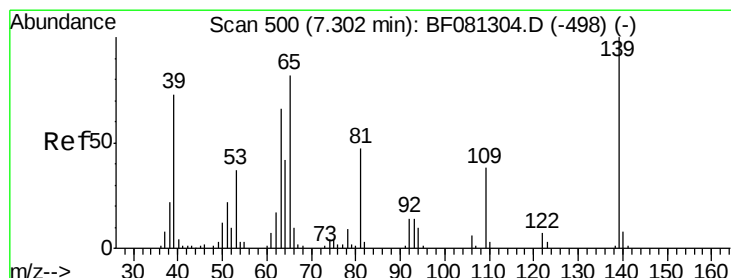
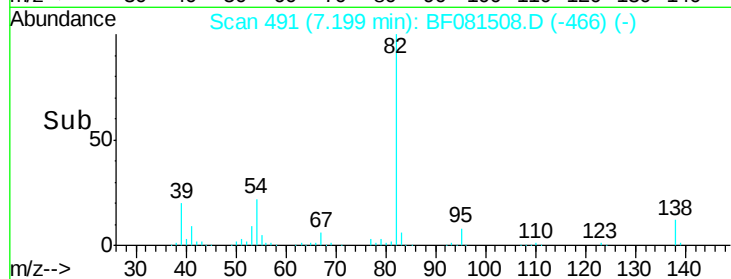
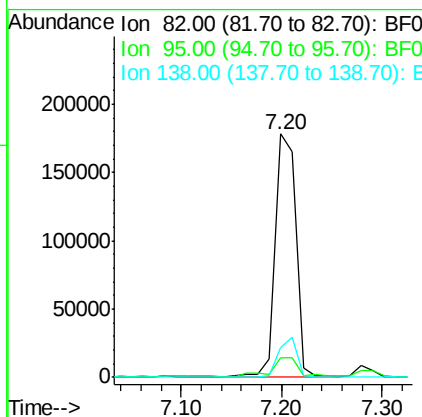
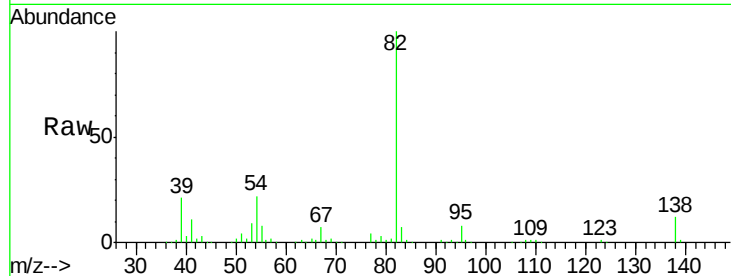
ClientSampleId :

SB003MSD

Tgt Ion:	82	Resp:	252661
Ion Ratio		Lower	Upper
82	100		
95	8.1	4.0	6.0#
138	12.1	18.3	27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.03 ng

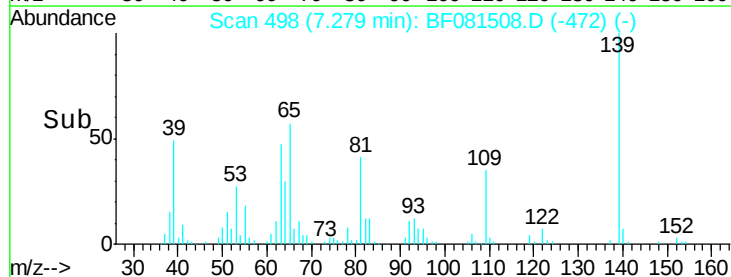
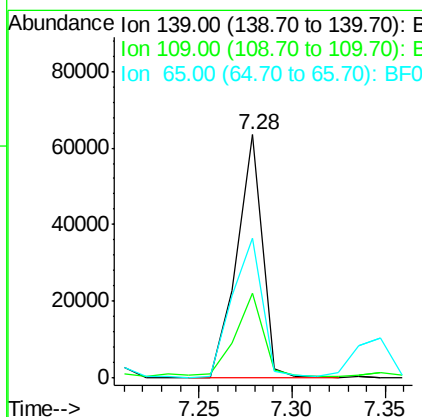
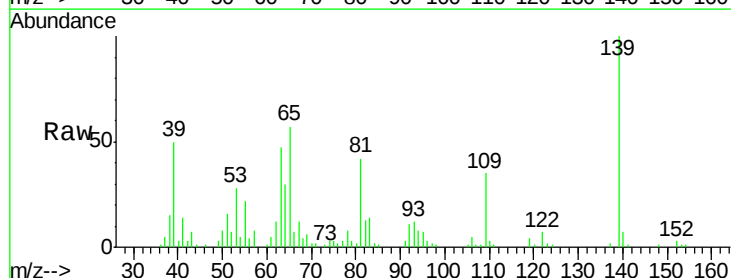
RT: 7.28 min Scan# 498

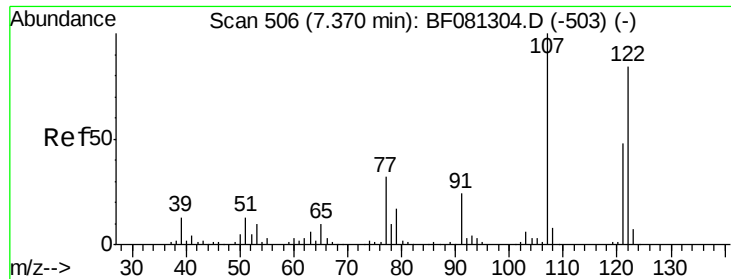
Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion:	139	Resp:	61452
Ion Ratio		Lower	Upper
139	100		
109	34.8	11.0	16.4#
65	57.2	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 37.96 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

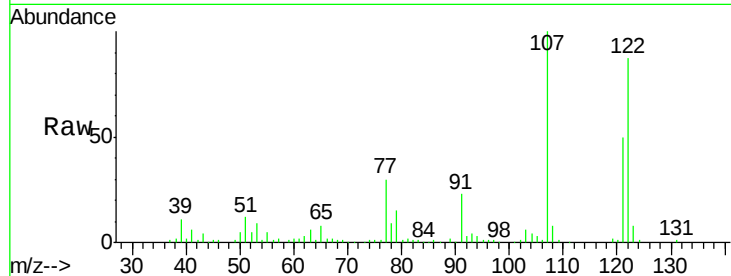
ClientSampleId :

SB003MSD

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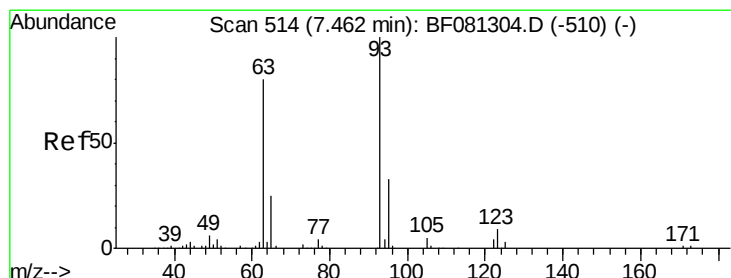
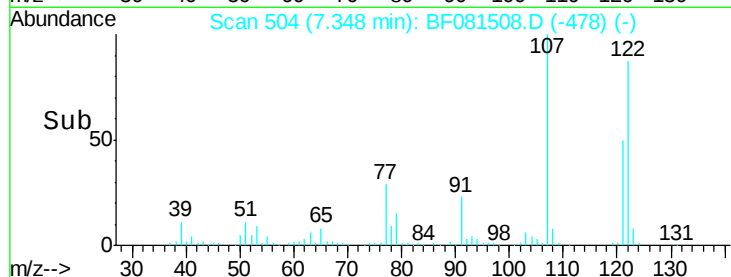
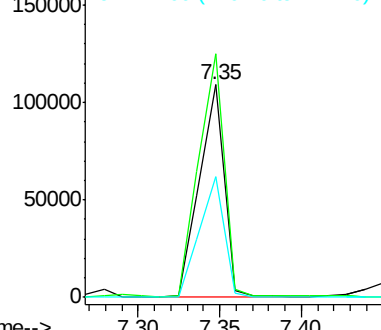
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	115028		
107	114.6	71.8	107.6#	
121	57.1	42.3	63.5	



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: 34.83 ng

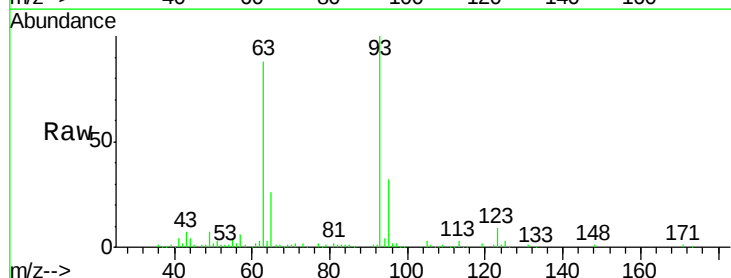
RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

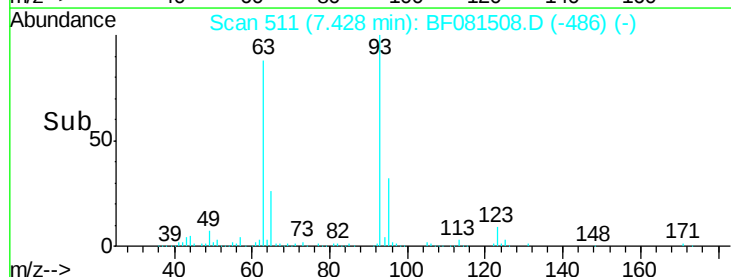
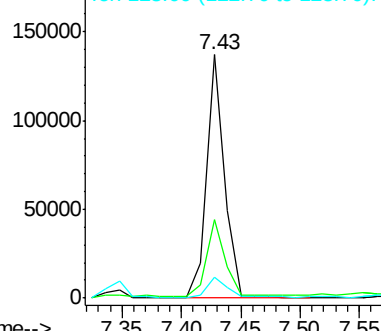
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	145022		
95	32.3	27.5	41.3	
123	8.6	13.7	20.5#	

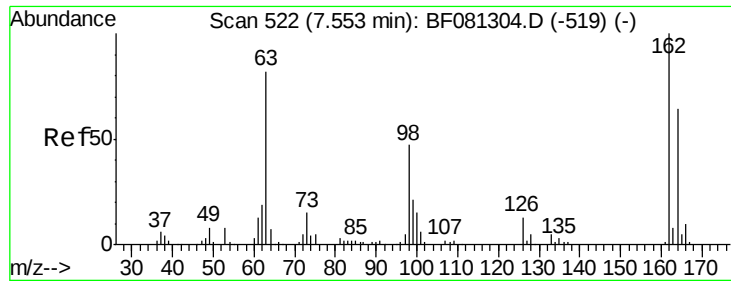


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





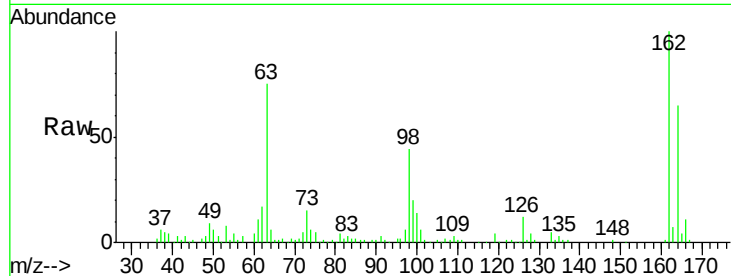
#29
 2,4-Dichlorophenol
 Concen: 37.27 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

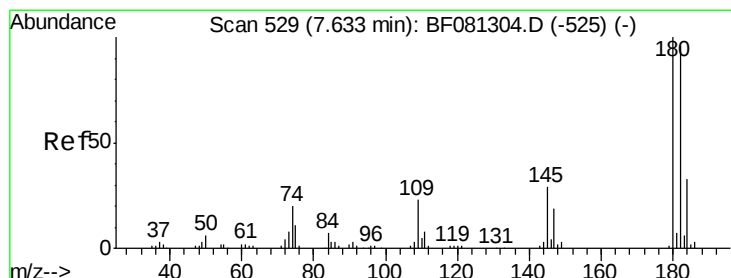
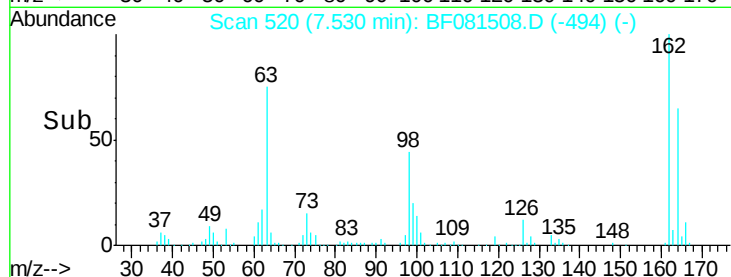
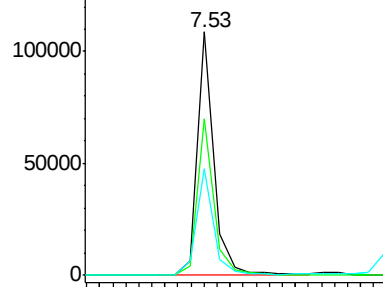
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	97930		
164	64.5	44.9	84.9	
98	44.0	13.0	53.0	

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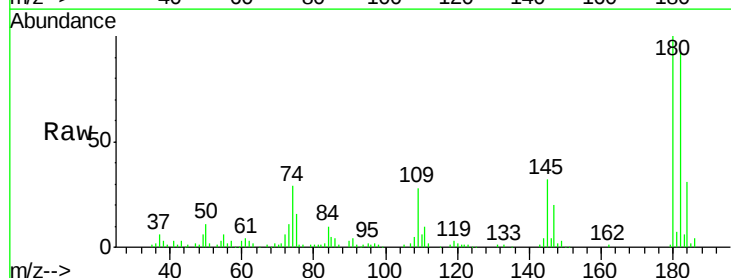


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

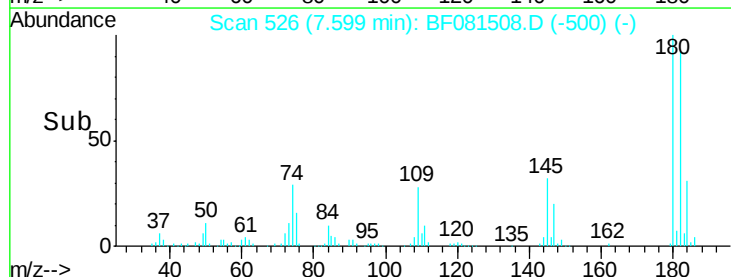
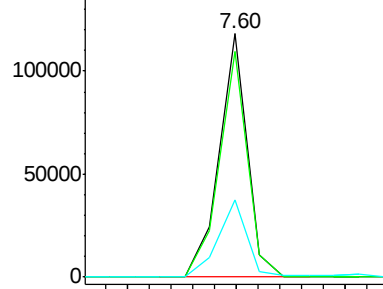


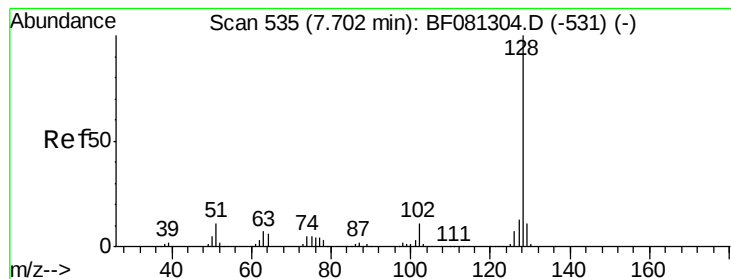
#30
 1,2,4-Trichlorobenzene
 Concen: 36.86 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105210		
182	92.5	77.1	115.7	
145	31.7	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: 48.25 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081508.D

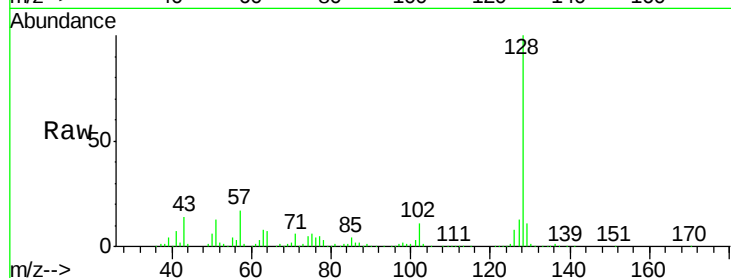
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

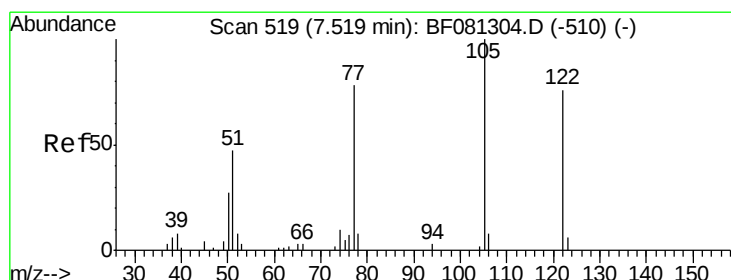
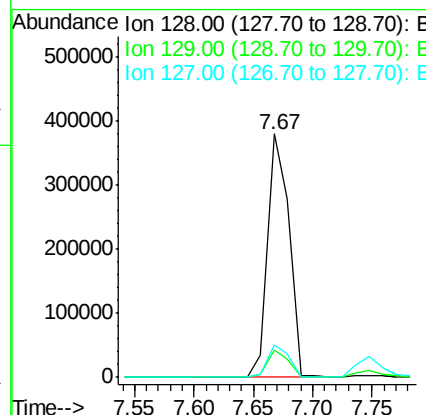
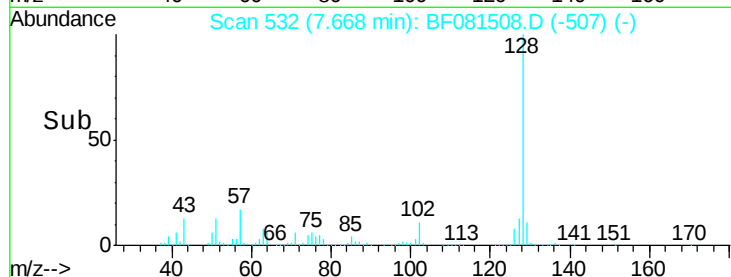
SB003MSD



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	481201		
129	11.0	8.4	12.6	
127	13.1	9.9	14.9	

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#32

Benzoic acid

Concen: 11.05 ng

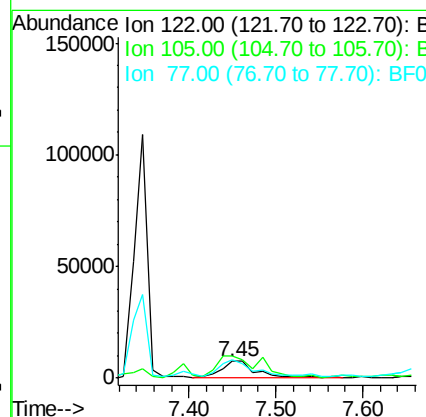
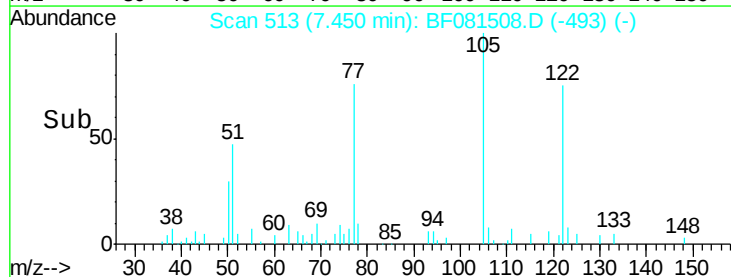
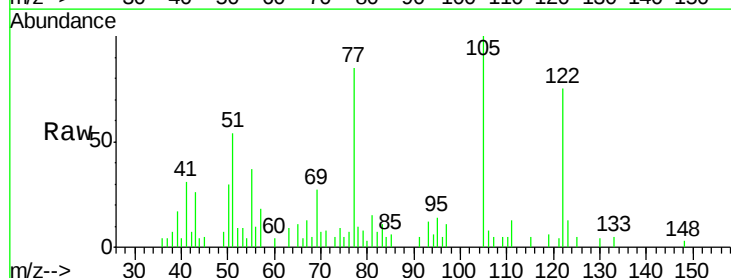
RT: 7.45 min Scan# 513

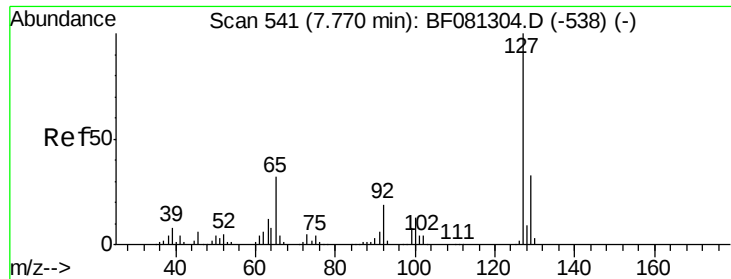
Delta R.T. -0.07 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	19440		
105	132.7	76.1	116.1#	
77	112.6	40.5	80.5#	





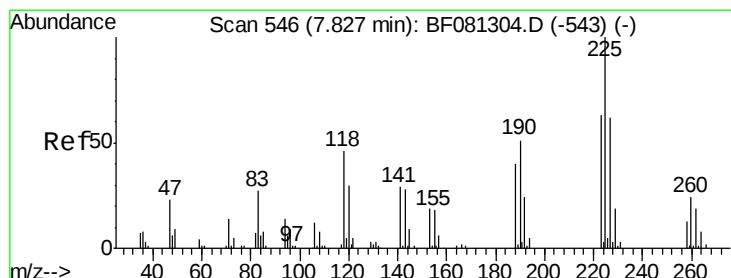
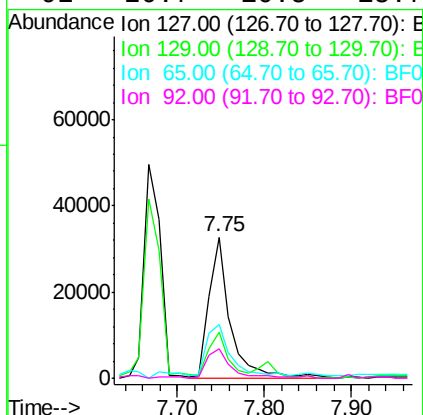
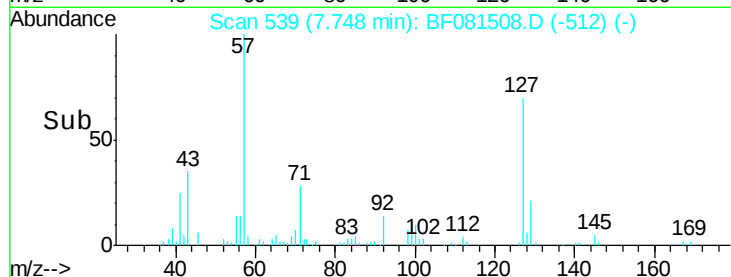
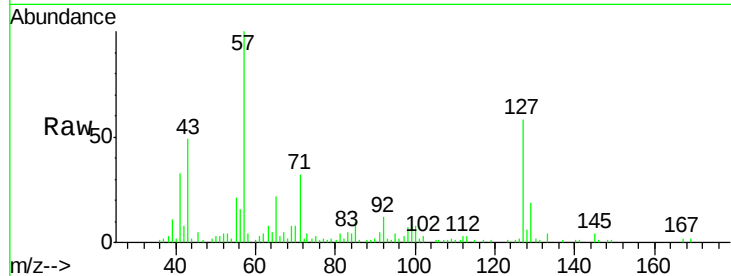
#33
4-Chloroaniline
Concen: 13.98 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	56867		
129	32.4	25.8	38.6	
65	38.5	17.9	26.9	
92	20.7	10.5	15.7	

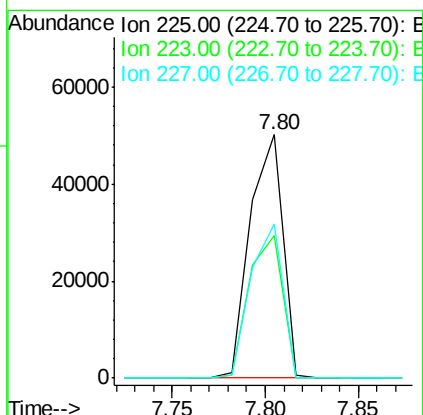
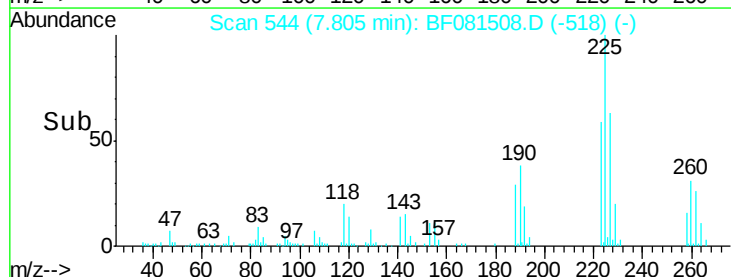
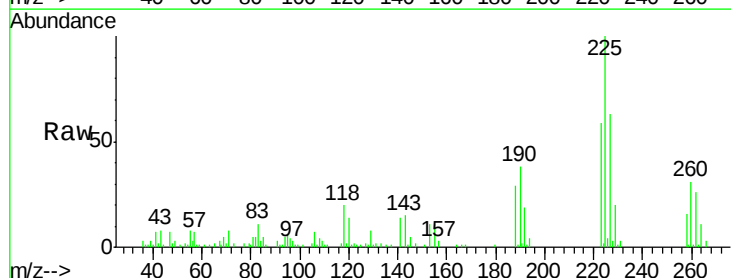
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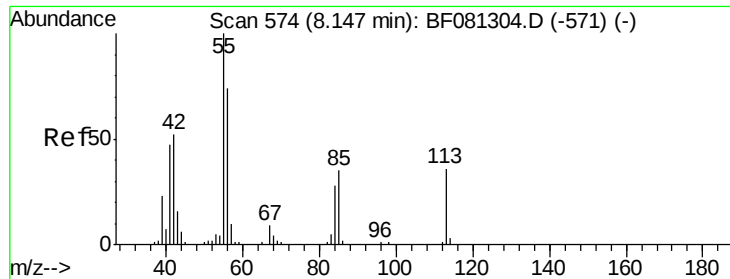
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#34
Hexachlorobutadiene
Concen: 34.96 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60737		
223	58.8	50.2	75.2	
227	63.2	52.2	78.2	





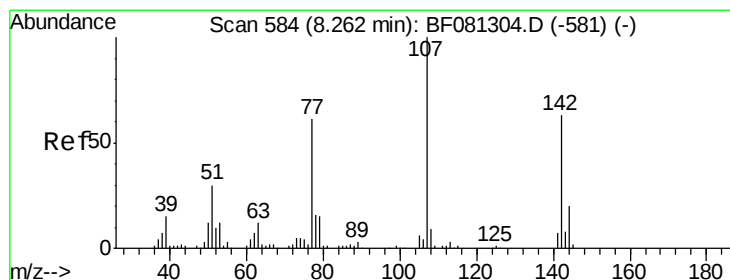
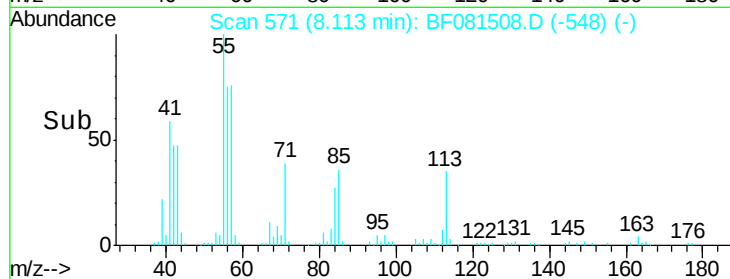
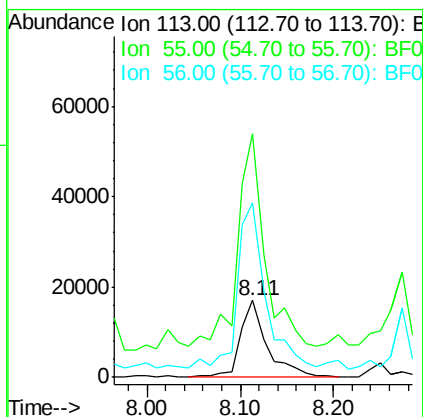
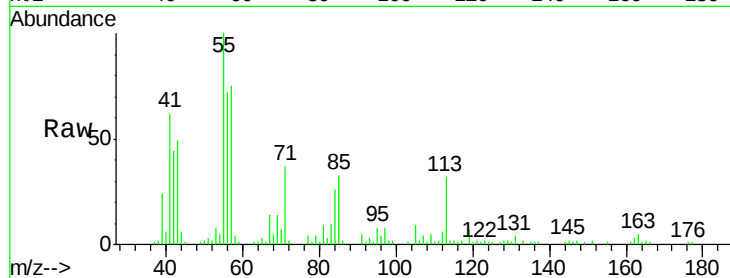
#35
 Caprolactam
 Concen: 42.30 ng
 RT: 8.11 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Tgt Ion:113 Resp: 34086
 Ion Ratio Lower Upper
 113 100
 55 315.8 152.4 192.4#
 56 226.4 104.6 144.6#

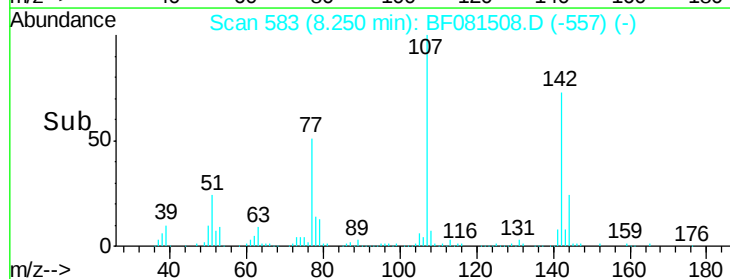
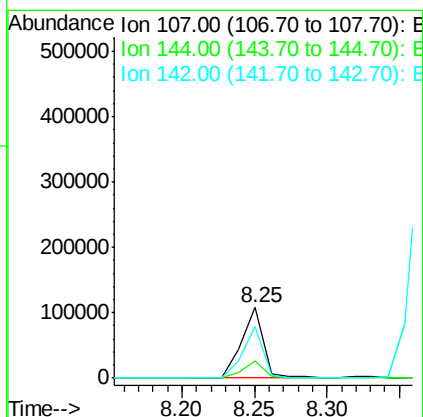
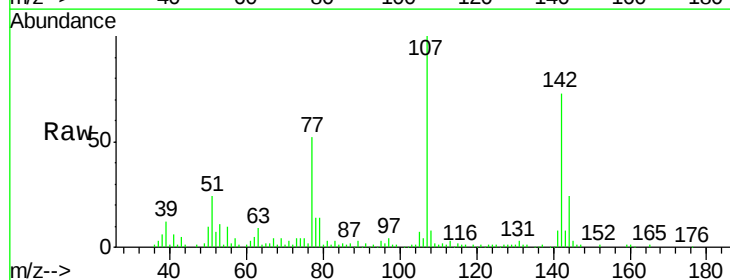
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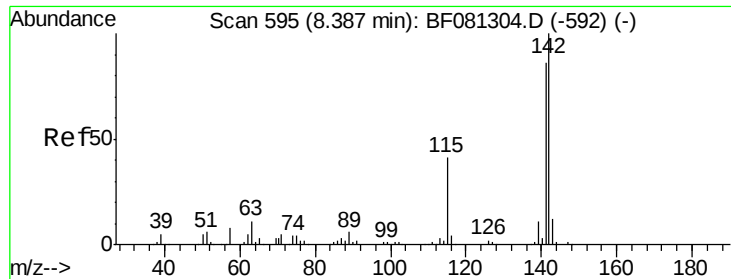
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#36
 4-Chloro-3-methylphenol
 Concen: 37.92 ng
 RT: 8.25 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion:107 Resp: 111534
 Ion Ratio Lower Upper
 107 100
 144 24.2 25.4 38.0#
 142 72.9 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 50.22 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF081508.D

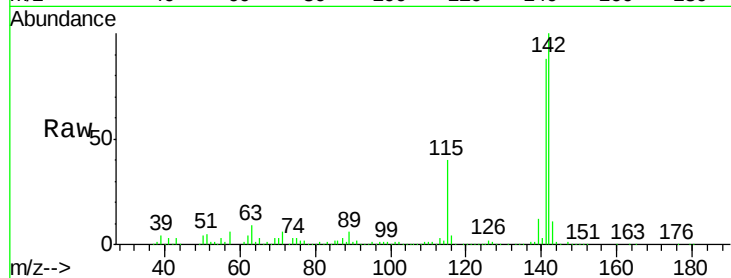
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

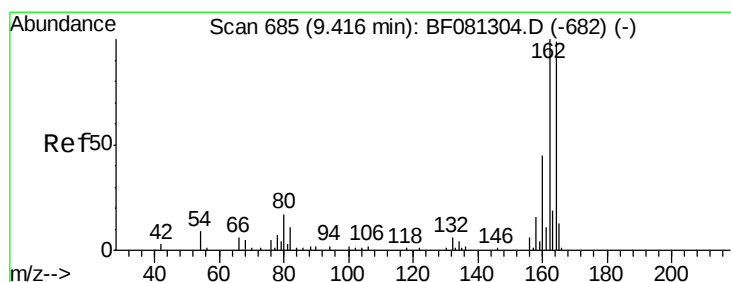
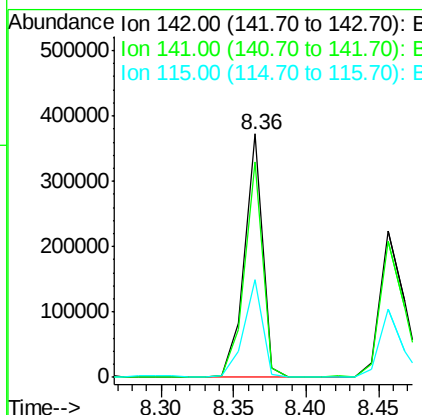
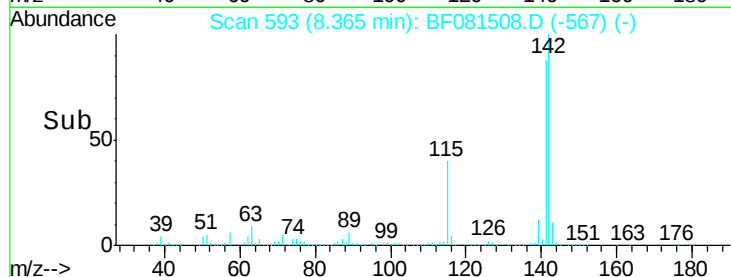
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.5	101.3
115	40.1	18.2	27.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

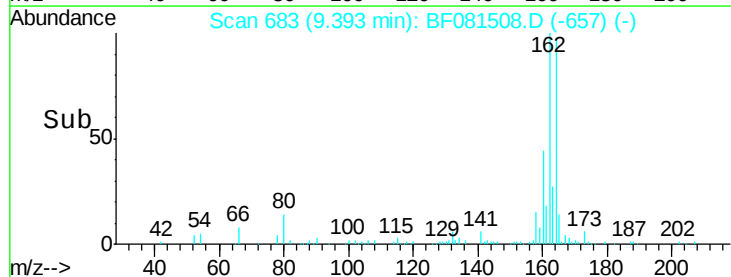
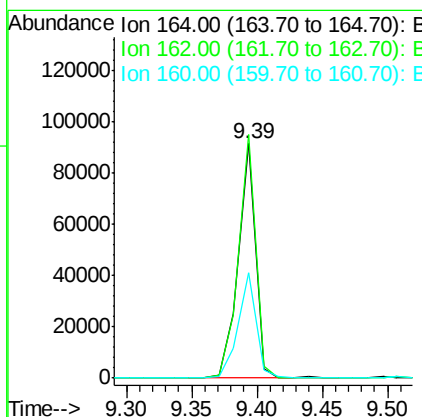
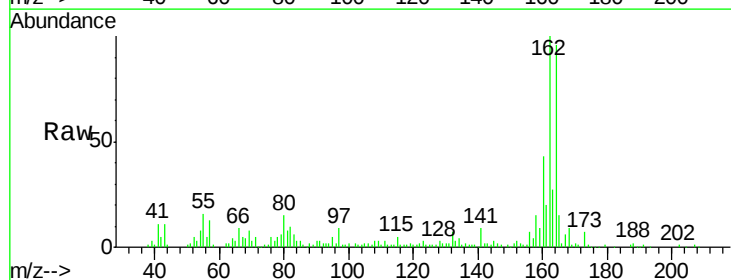
RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	44.8	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.07 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

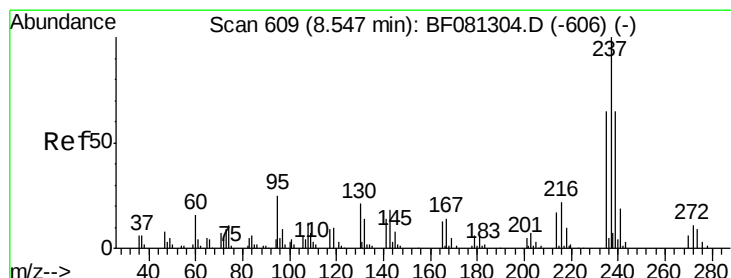
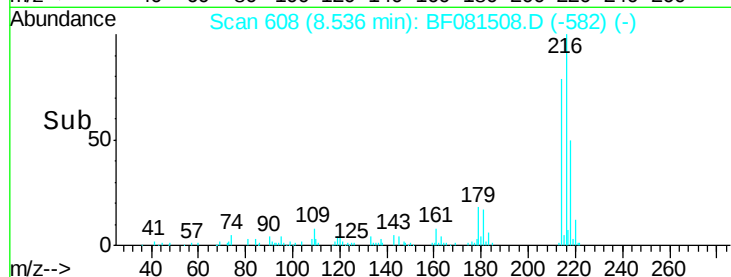
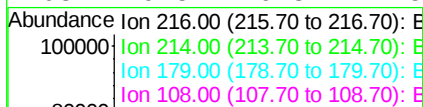
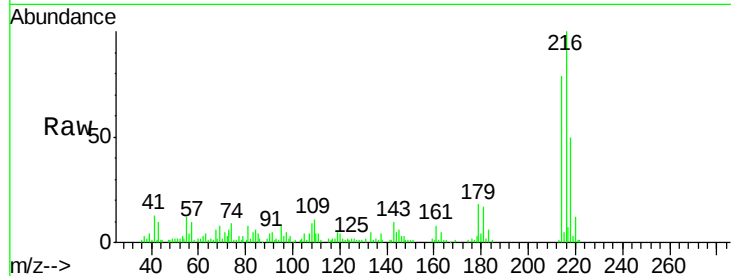
ClientSampleId :

SB003MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	87832		
214	79.6	63.5	95.3	
179	25.4	16.6	24.8	
108	19.5	16.3	24.5	



#40

Hexachlorocyclopentadiene

Concen: 9.84 ng

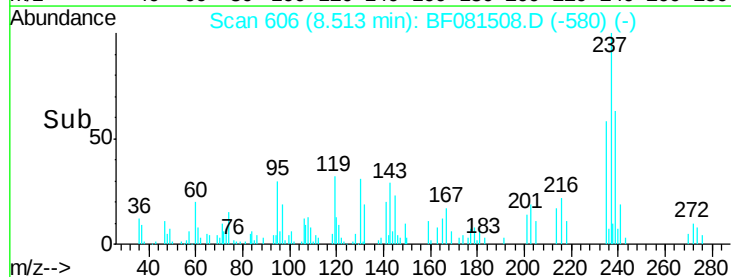
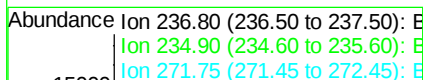
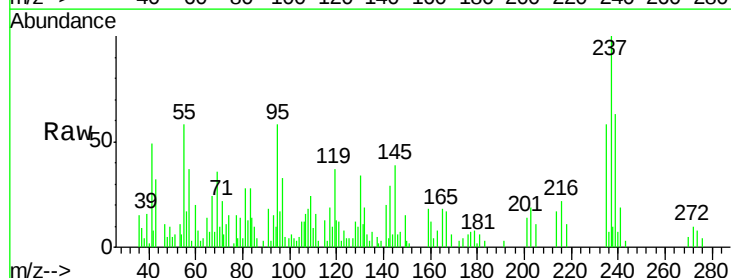
RT: 8.51 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	12829		
235	58.1	42.0	82.0	
272	10.5	0.0	36.1	





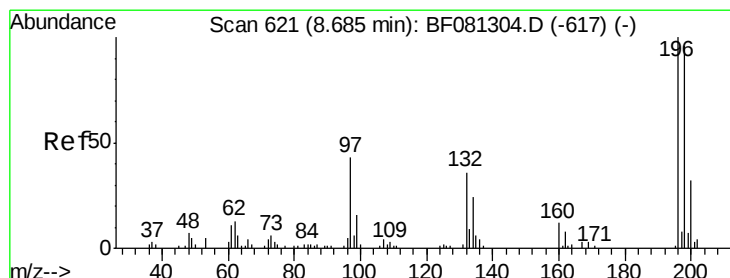
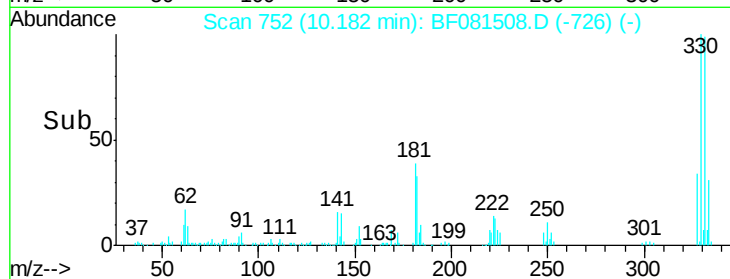
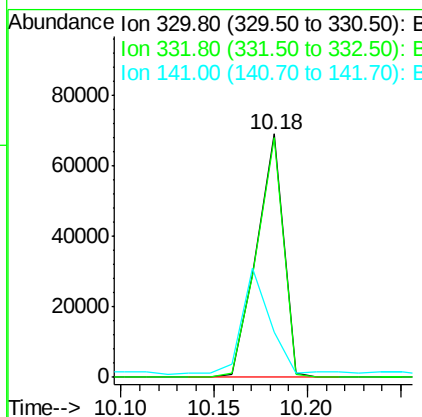
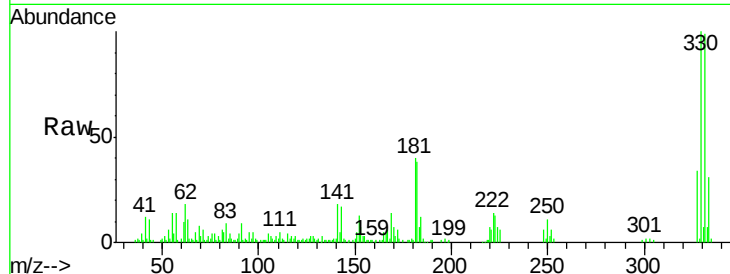
#41
 2,4,6-Tribromophenol
 Concen: 91.86 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	68696		
332	98.4	76.6	114.8	
141	47.6	29.7	44.5#	

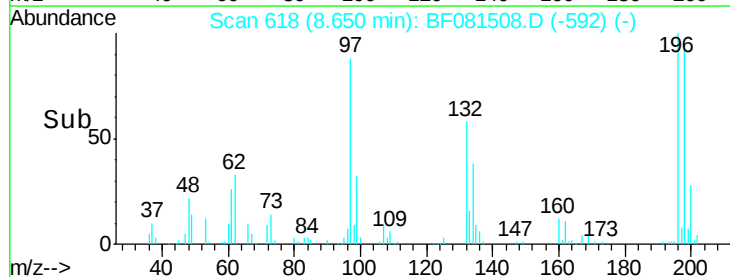
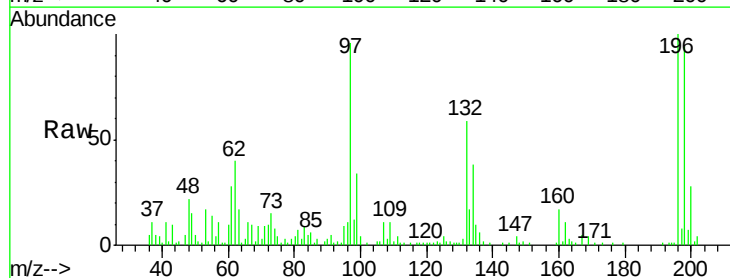
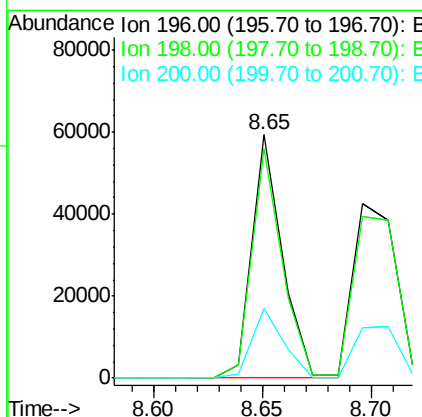
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#42
 2,4,6-Trichlorophenol
 Concen: 31.81 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58314		
198	94.3	75.7	113.5	
200	28.3	23.9	35.9	





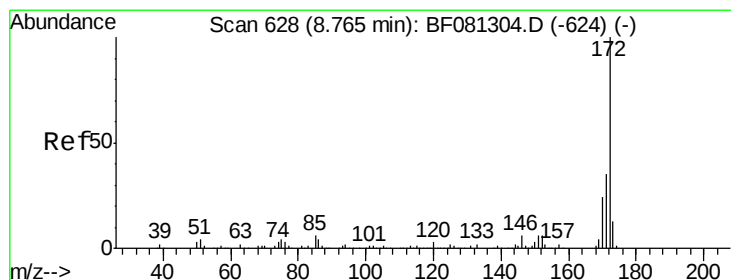
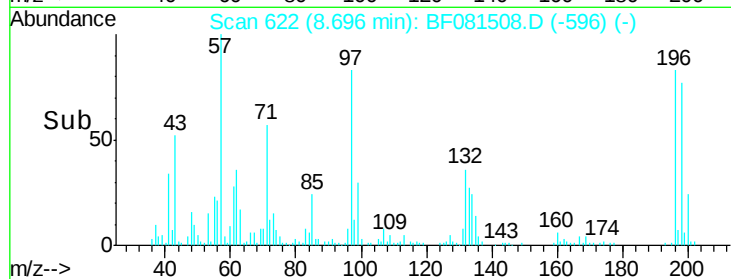
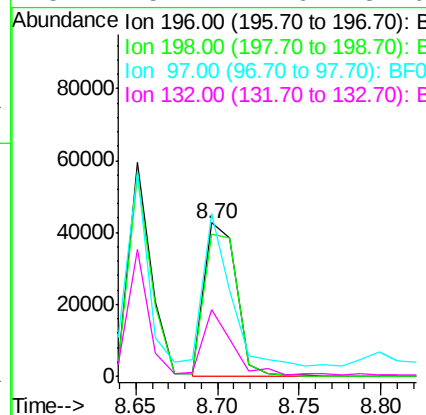
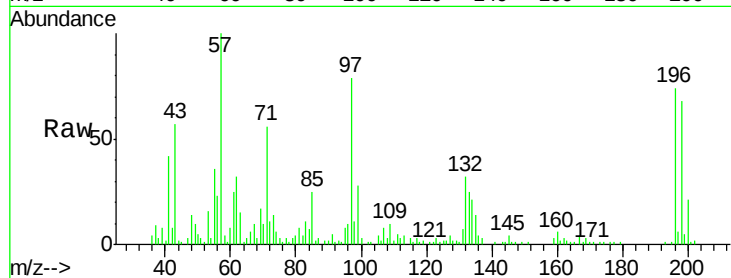
#43
 2,4,5-Trichlorophenol
 Concen: 31.61 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Manual Integrations
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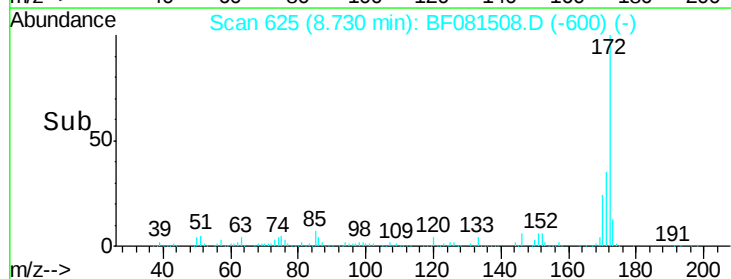
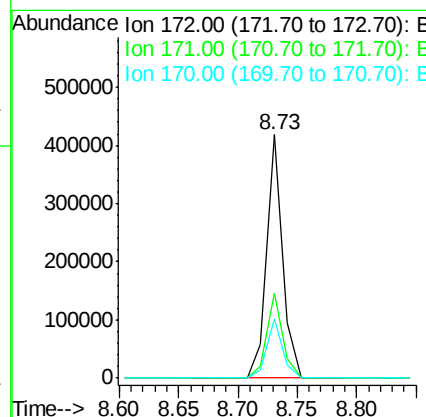
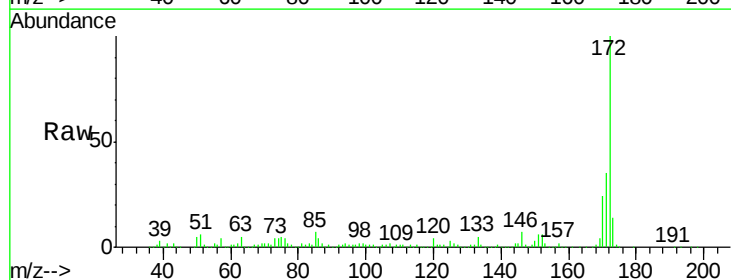
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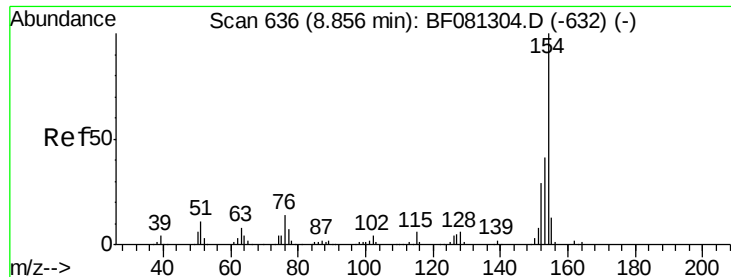
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59108		
198	92.4	75.4	113.0	
97	106.2	33.3	49.9	#
132	43.1	24.6	37.0	#



#44
 2-Fluorobiphenyl
 Concen: 60.41 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	395911		
171	34.8	26.1	39.1	
170	24.2	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 35.88 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

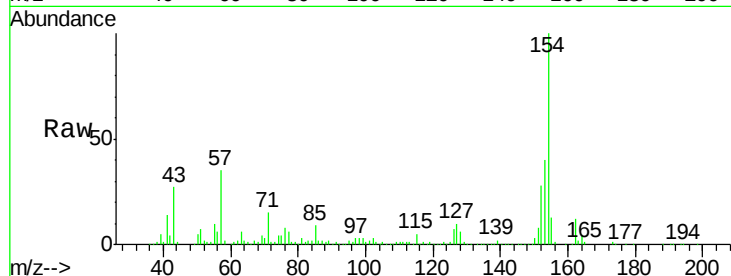
ClientSampleId :

SB003MSD

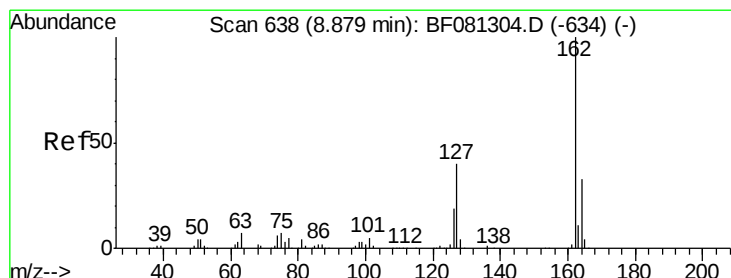
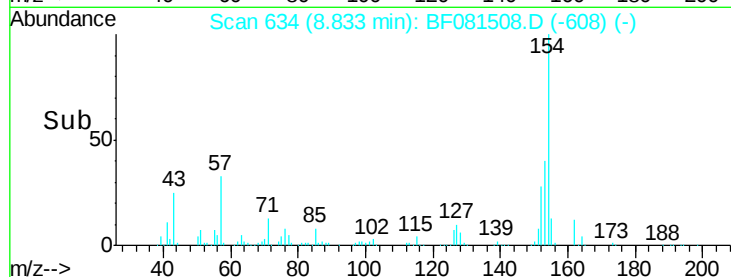
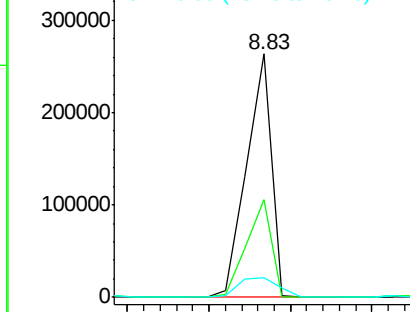
Tgt Ion:	154	Resp:	277209
Ion Ratio	Lower	Upper	
154	100		
153	40.2	17.1	57.1
76	8.3	0.0	31.6

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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: 33.50 ng

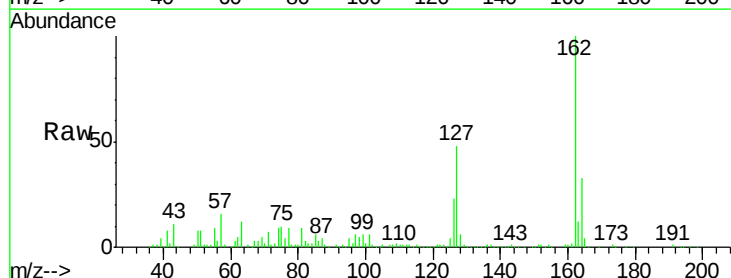
RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

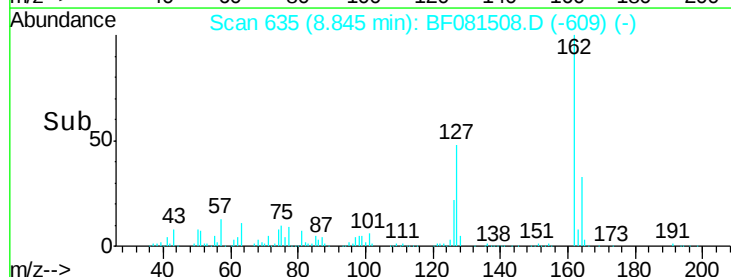
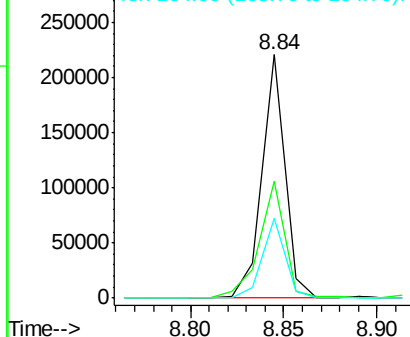
Lab File: BF081508.D

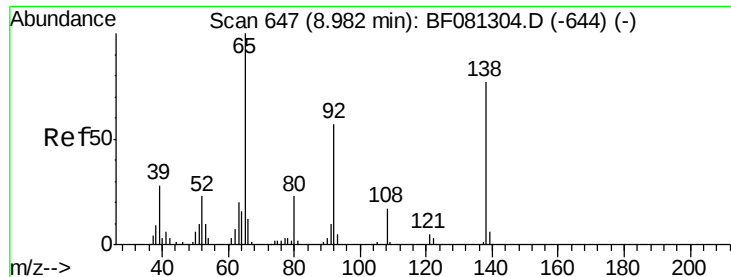
Acq: 6 Sep 2015 14:16

Tgt Ion:	162	Resp:	186942
Ion Ratio	Lower	Upper	
162	100		
127	48.1	27.6	41.4#
164	32.7	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: 38.30 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

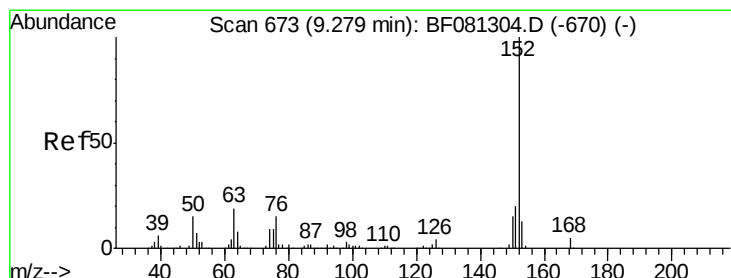
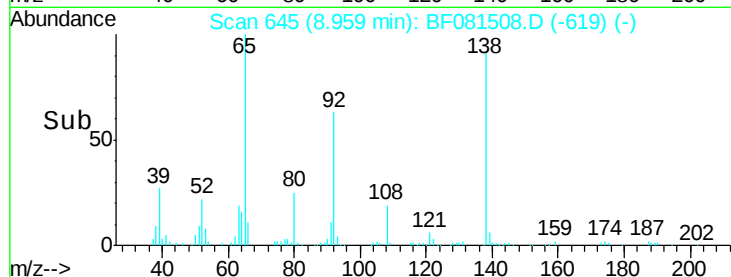
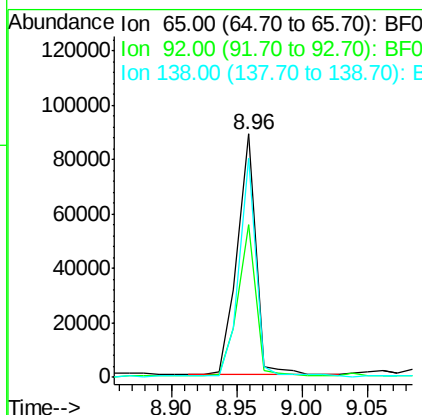
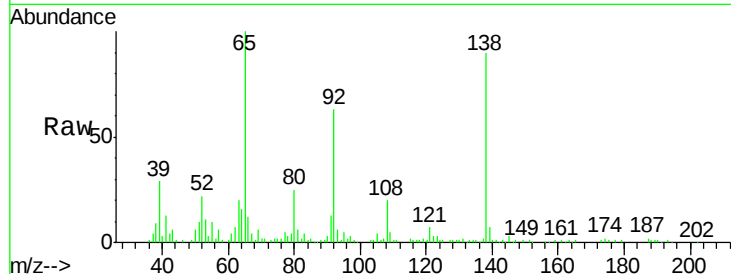
ClientSampleId :

SB003MSD

Tgt Ion:	65	Resp:	87104
Ion Ratio	Lower	Upper	
65	100		
92	62.6	55.4	83.0
138	90.1	115.5	173.3#

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#48

Acenaphthylene

Concen: 37.76 ng

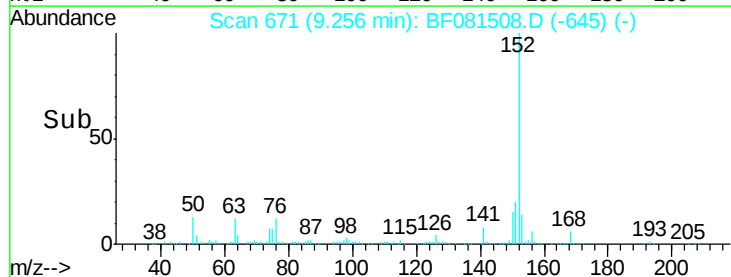
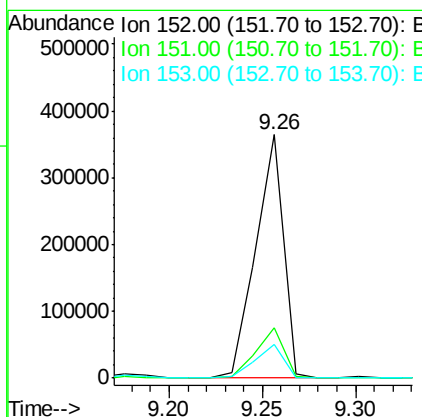
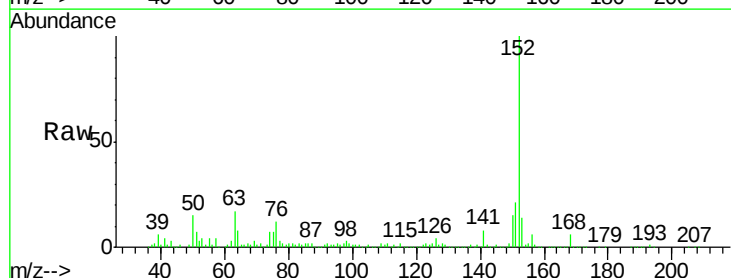
RT: 9.26 min Scan# 671

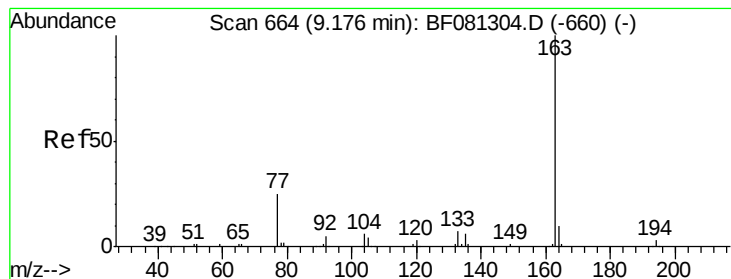
Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion:	152	Resp:	373835
Ion Ratio	Lower	Upper	
152	100		
151	20.5	14.6	22.0
153	13.9	10.3	15.5





#49

Dimethylphthalate

Concen: 50.71 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF081508.D

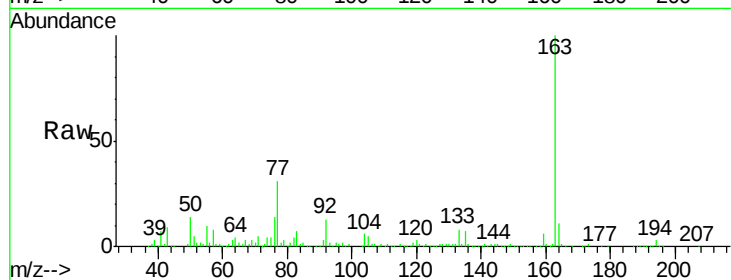
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

SB003MSD



Tgt Ion:163 Resp: 330875

Ion Ratio Lower Upper

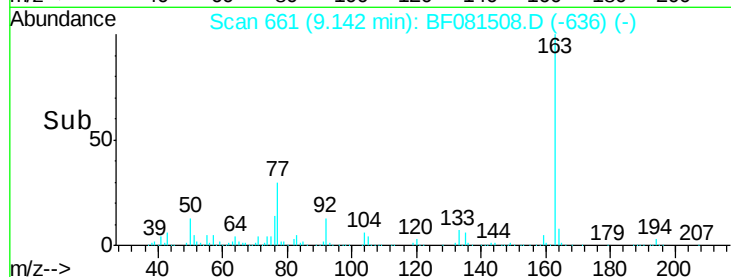
163 100

194 3.1 4.4 6.6#

164 10.8 8.3 12.5

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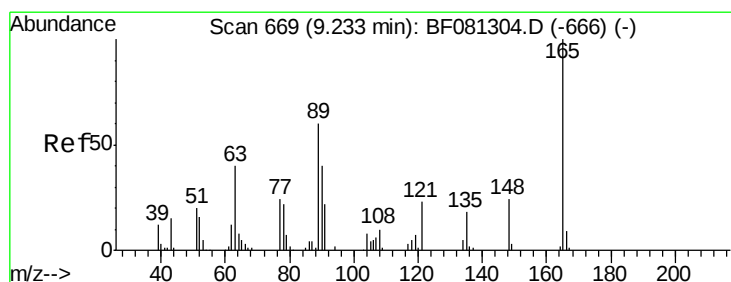
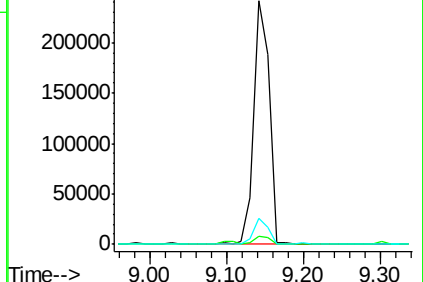
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 26.51 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

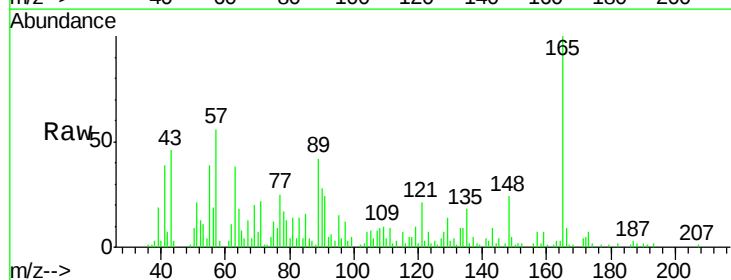
Tgt Ion:165 Resp: 39263

Ion Ratio Lower Upper

165 100

63 38.5 32.3 48.5

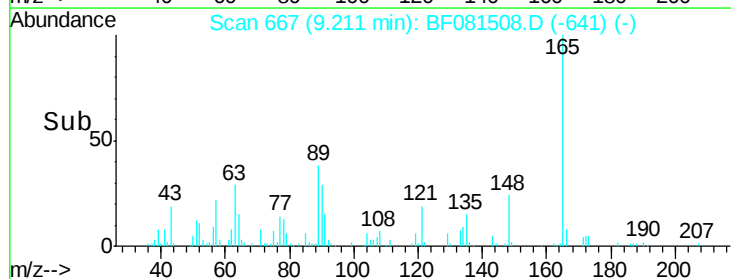
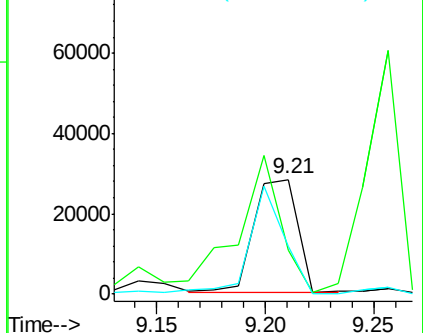
89 41.5 28.6 43.0

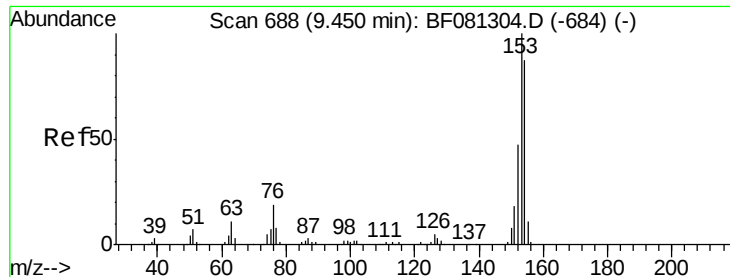


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.63 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

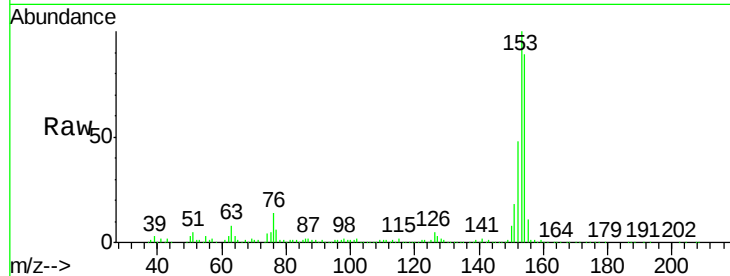
ClientSampleId :

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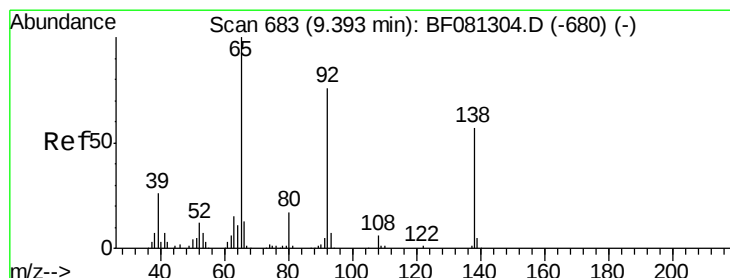
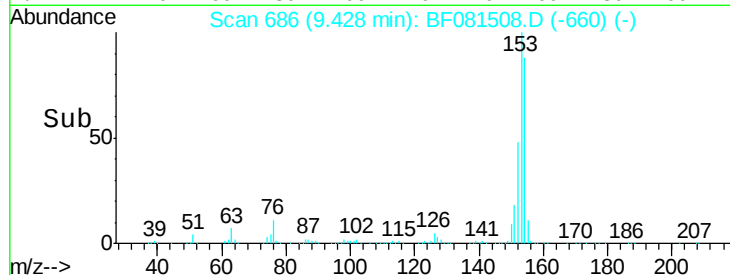
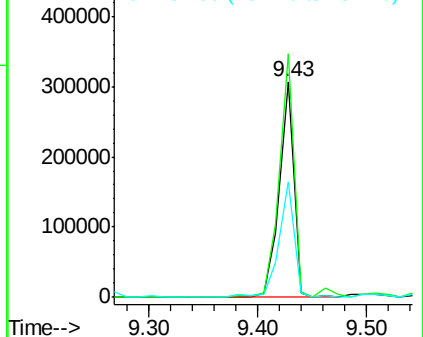
Tgt Ion:	154	Resp:	285143
Ion Ratio	Lower	Upper	
154	100		
153	112.9	82.1	123.1
152	53.9	37.9	56.9

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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: 24.01 ng

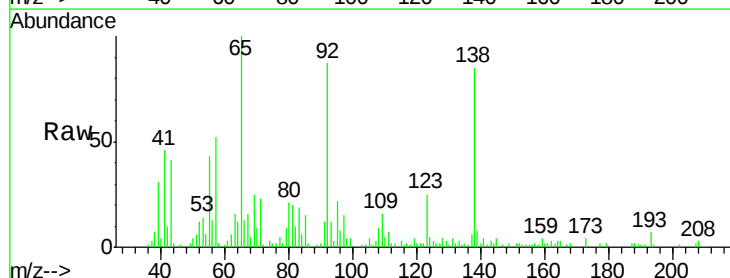
RT: 9.37 min Scan# 681

Delta R.T. 0.00 min

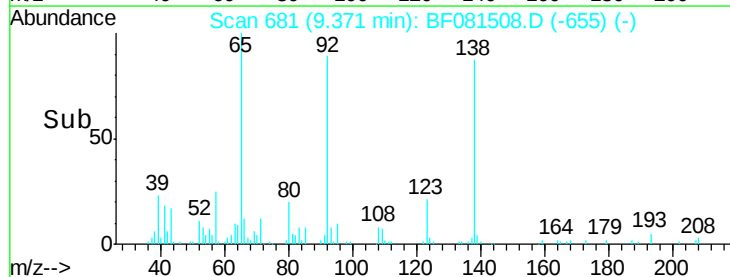
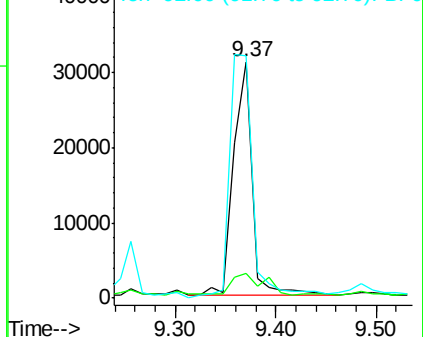
Lab File: BF081508.D

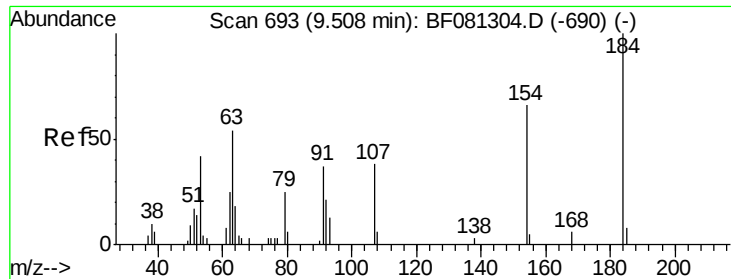
Acq: 6 Sep 2015 14:16

Tgt Ion:	138	Resp:	40487
Ion Ratio	Lower	Upper	
138	100		
108	10.7	5.7	8.5#
92	102.7	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





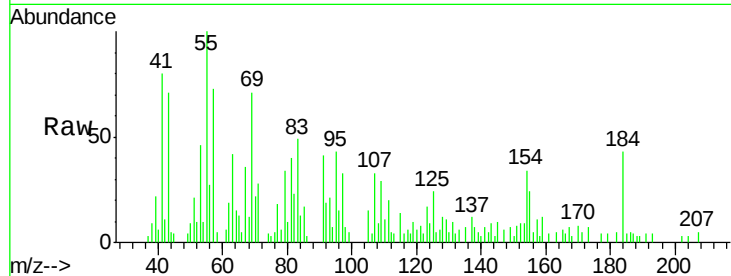
#53
2,4-Dinitrophenol
Concen: 7.47 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

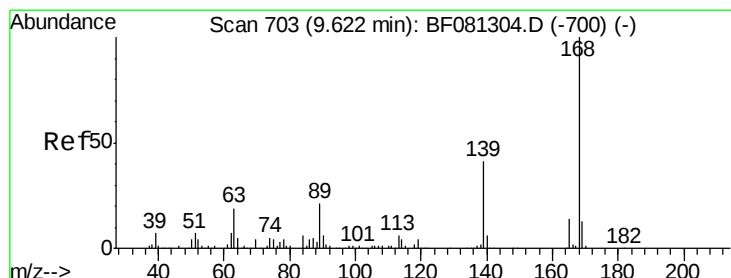
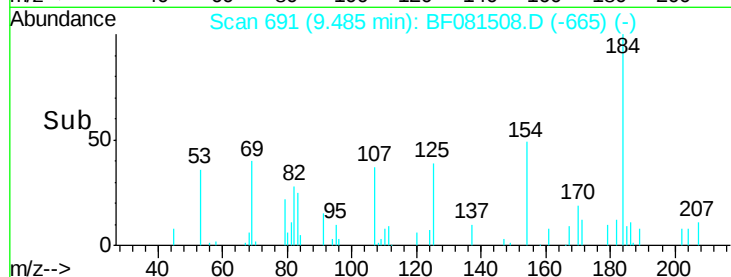
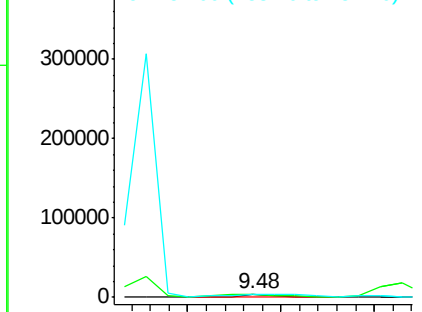
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	4663		
63	96.9	35.4	53.2#	
154	78.9	32.2	48.4#	

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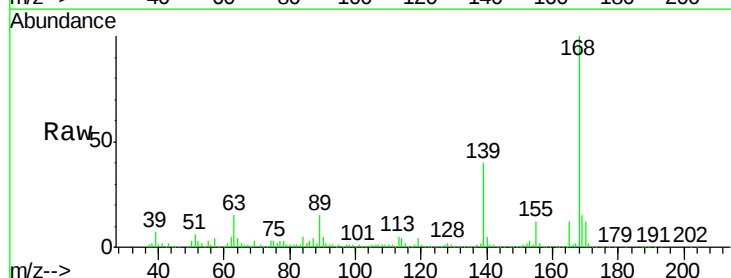


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

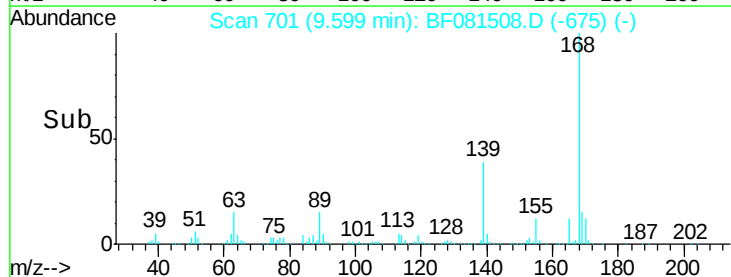
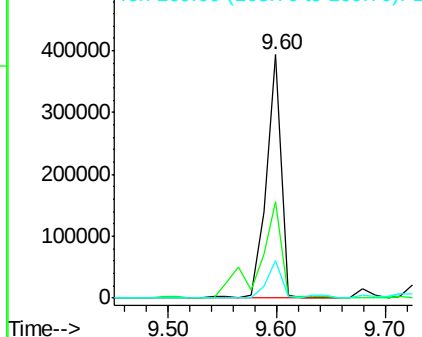


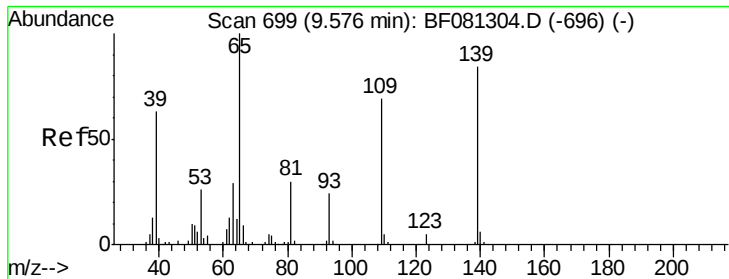
#54
Dibenzofuran
Concen: 46.03 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	378483		
139	39.5	24.2	36.2#	
169	15.3	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





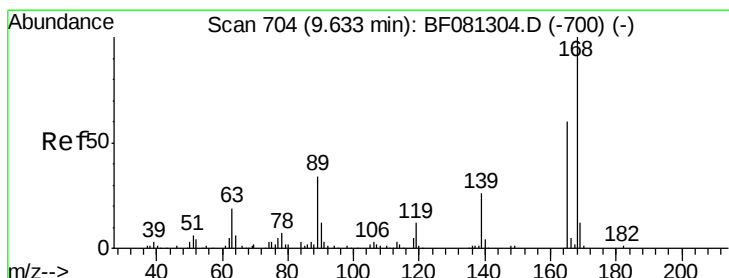
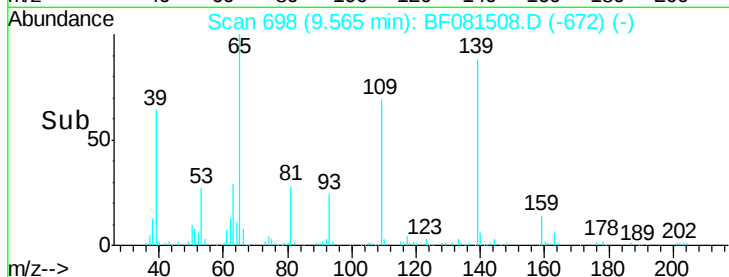
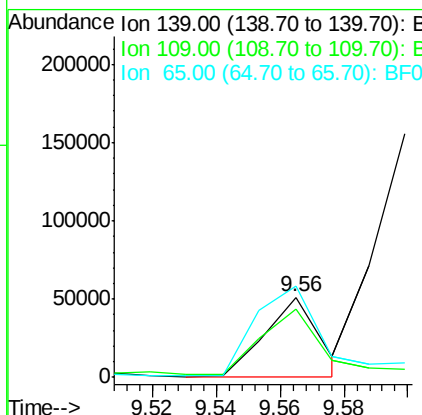
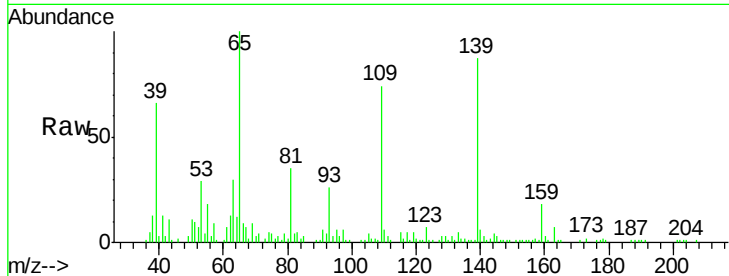
#55
4-Nitrophenol
Concen: 57.50 ng m
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	60907		
109	85.2	12.7	52.7#	
65	114.7	45.9	85.9#	

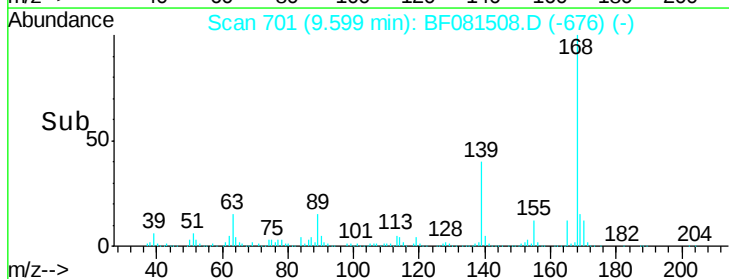
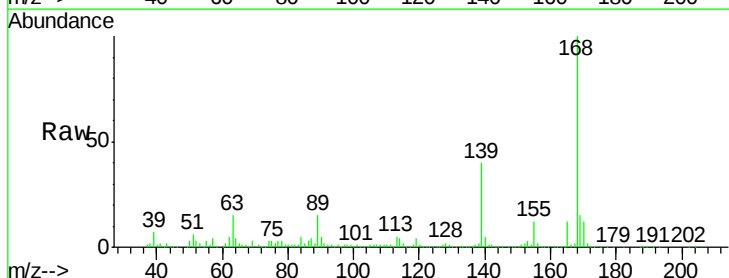
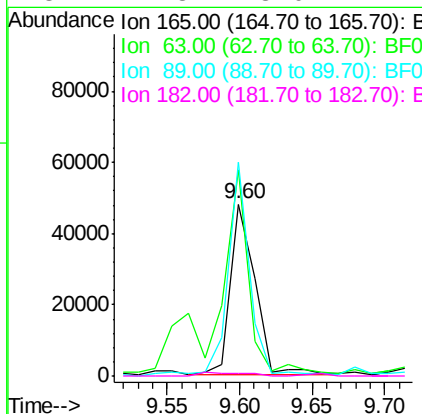
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#56
2,4-Dinitrotoluene
Concen: 30.20 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56957		
63	119.7	29.8	44.6#	
89	124.1	44.5	66.7#	
182	1.8	3.0	4.4#	





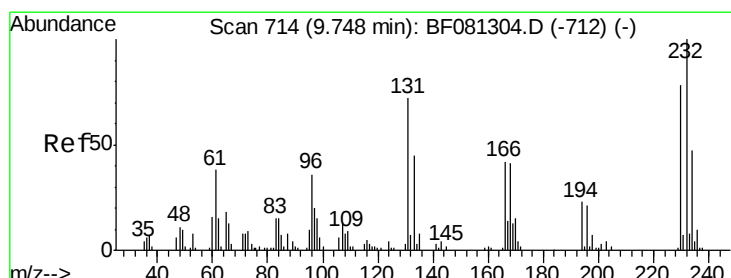
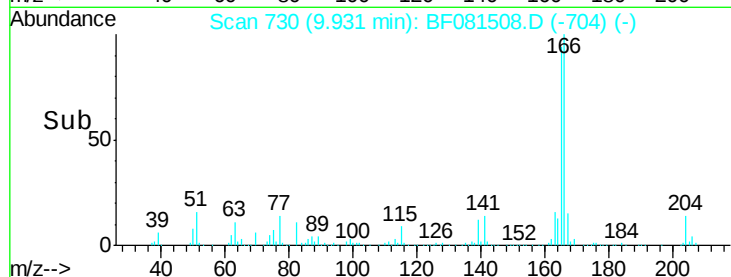
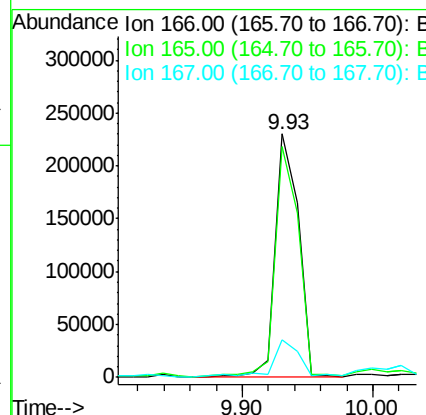
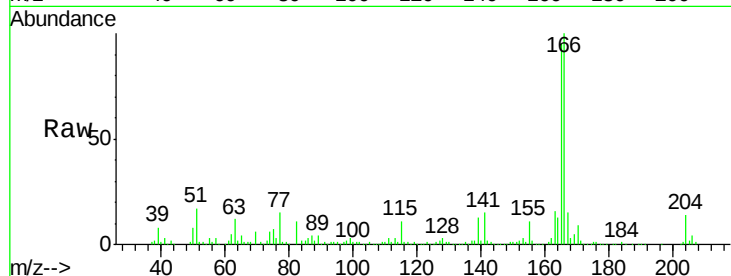
#57
 Fluorene
 Concen: 46.42 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	289649		
165	94.6	72.6	109.0	
167	15.2	10.6	16.0	

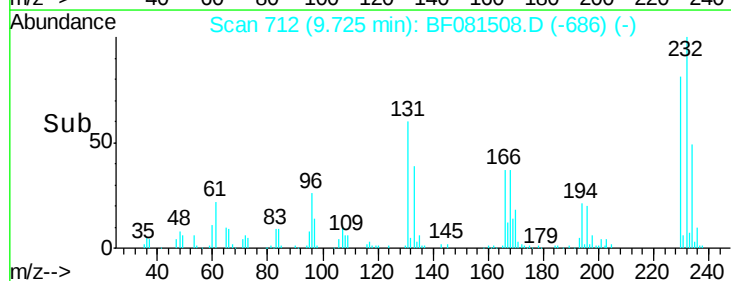
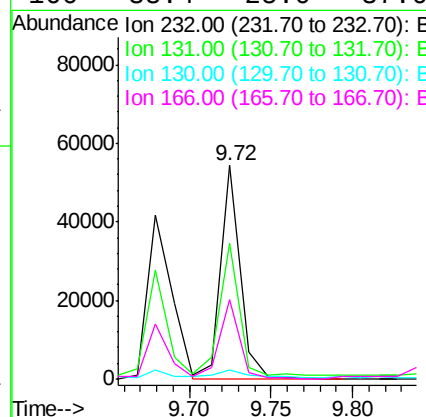
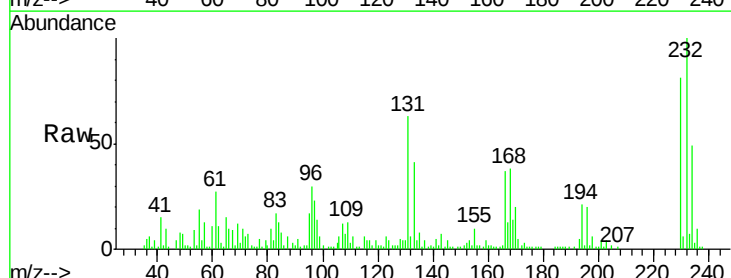
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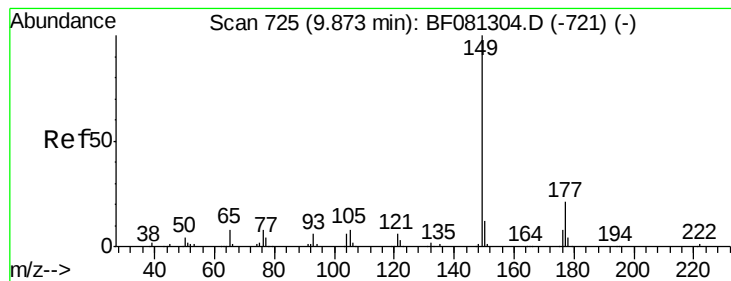
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.88 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	45515		
131	62.3	38.5	57.7#	
130	4.6	1.8	2.6#	
166	38.4	25.0	37.6#	





#59

Diethylphthalate

Concen: 32.09 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF081508.D

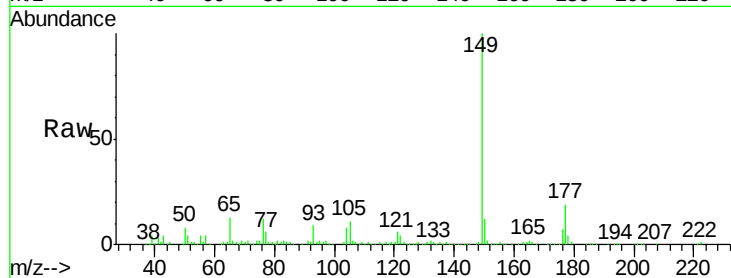
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

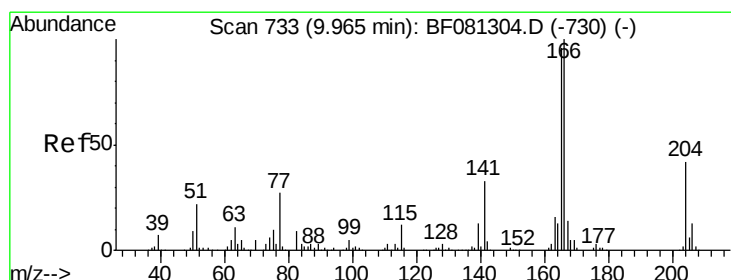
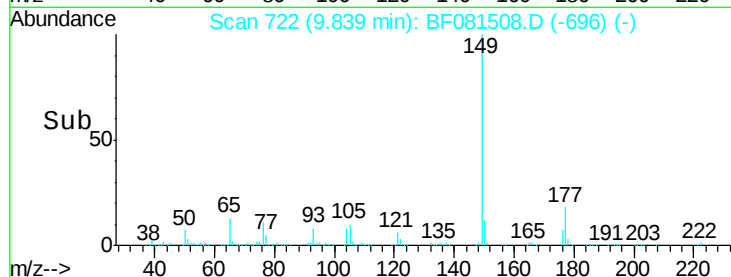
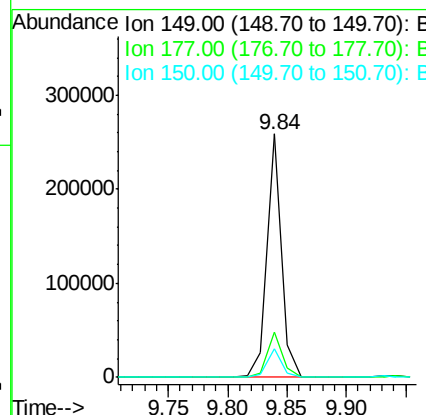
SB003MSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	220297		
177	18.6	17.5	26.3	
150	11.9	9.4	14.2	

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#60

4-Chlorophenyl-phenylether

Concen: 35.03 ng

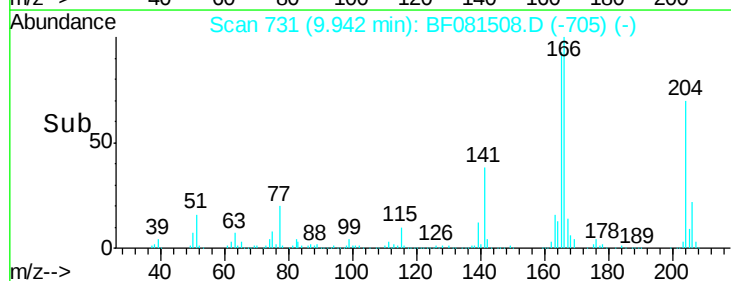
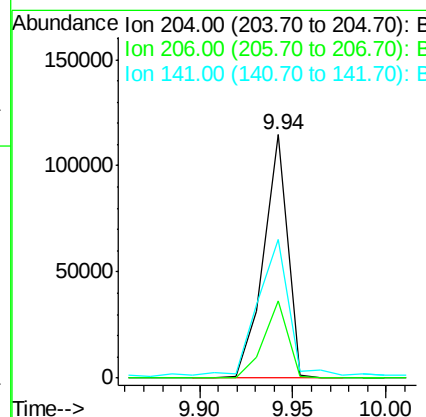
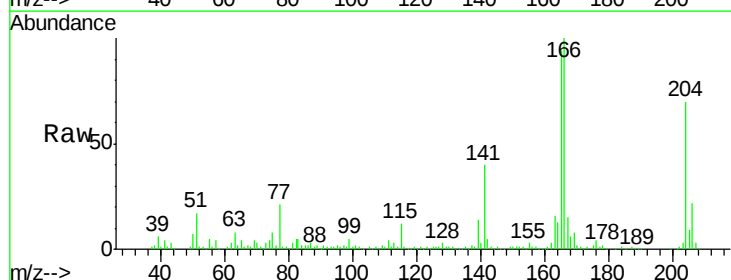
RT: 9.94 min Scan# 731

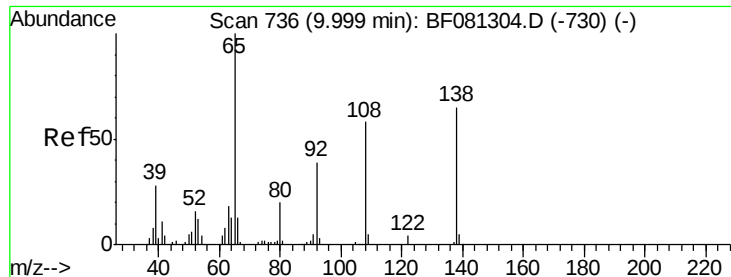
Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	101893		
206	31.8	24.8	37.2	
141	57.2	42.2	63.4	





#61

4-Nitroaniline

Concen: 27.61 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081508.D

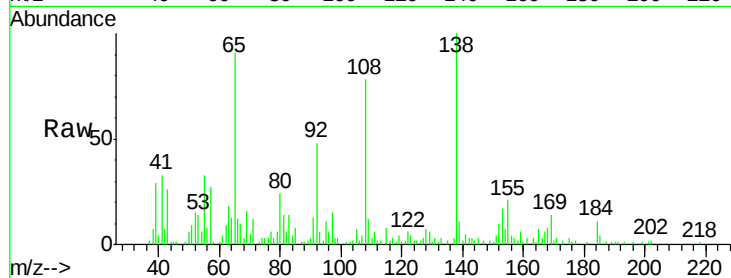
Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

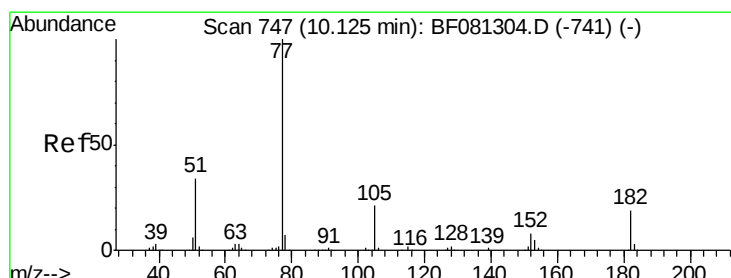
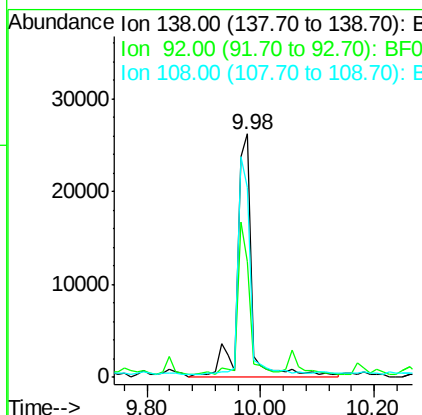
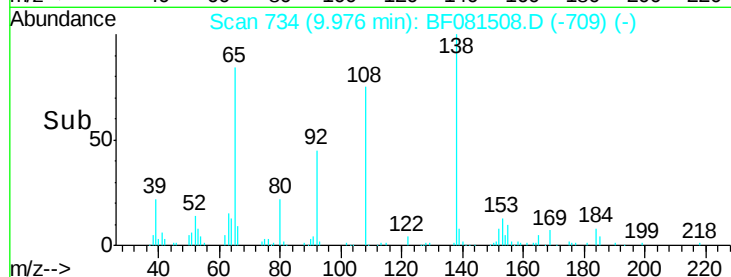
SB003MSD



Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	12.6	52.6
108	77.9	12.4	52.4

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#62

Azobenzene

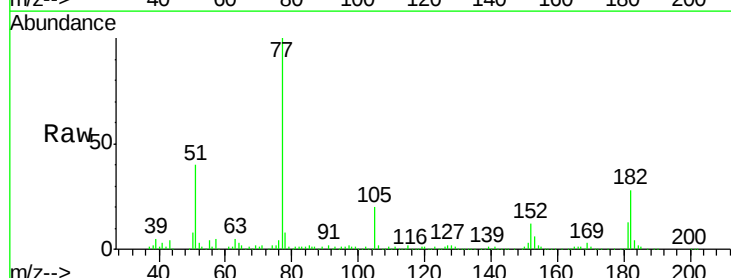
Concen: 31.40 ng

RT: 10.09 min Scan# 744

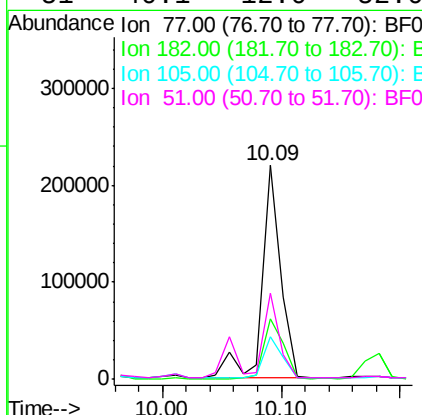
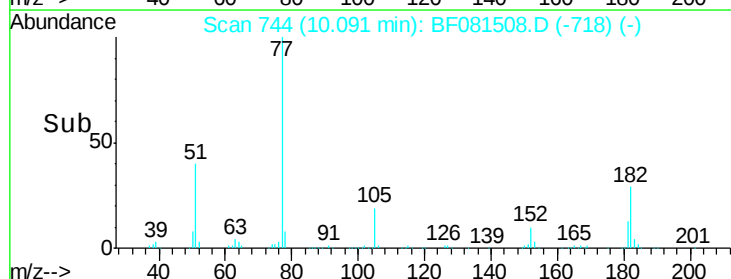
Delta R.T. 0.00 min

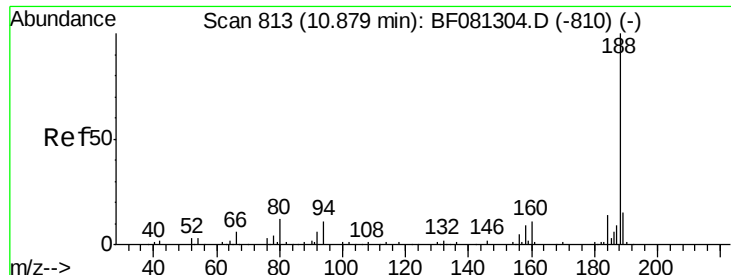
Lab File: BF081508.D

Acq: 6 Sep 2015 14:16



Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	15.1	55.1
105	19.6	3.4	43.4
51	40.1	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

ClientSampleId :

SB003MSD

Tgt Ion:188 Resp: 135549
Ion Ratio Lower Upper

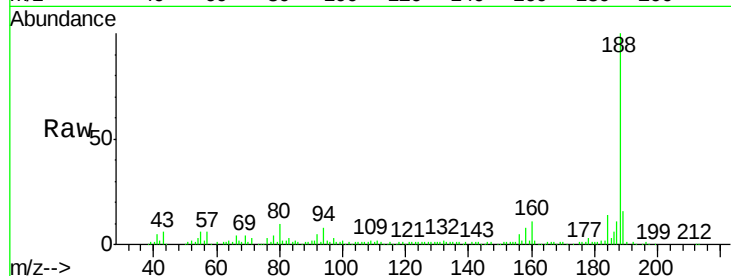
188 100

94 8.0 11.1 16.7#

80 9.5 11.0 16.4#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

150000

100000

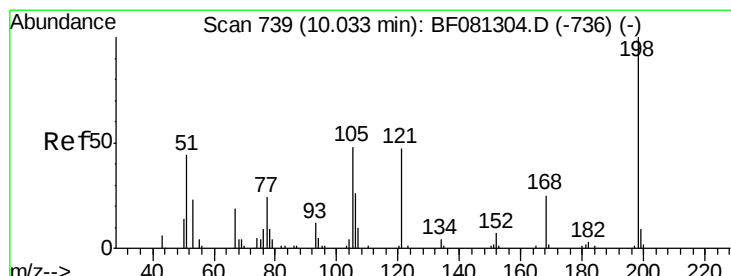
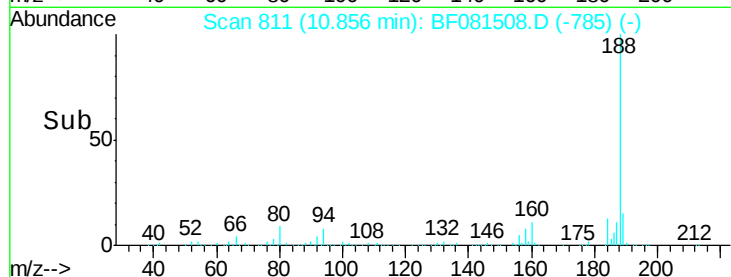
50000

0

10.86

10.80 10.85 10.90

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 7.61 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF081508.D

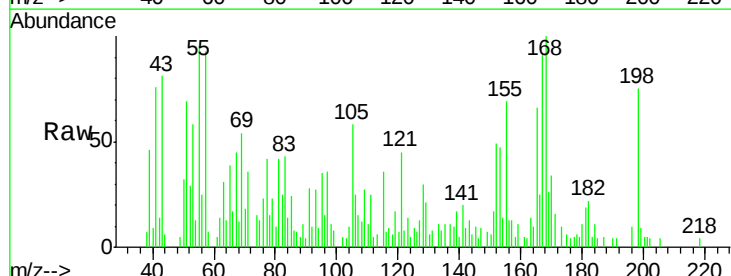
Acq: 6 Sep 2015 14:16

Tgt Ion:198 Resp: 5771
Ion Ratio Lower Upper

198 100

51 91.6 39.6 79.6#

105 76.8 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

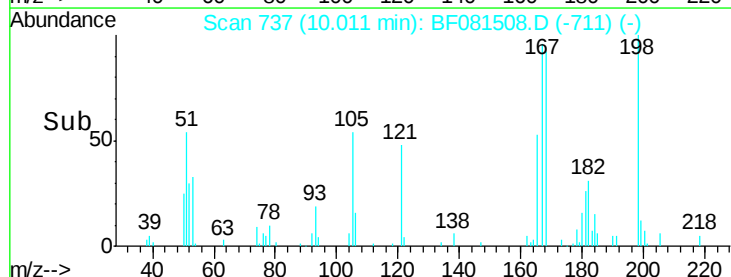
20000

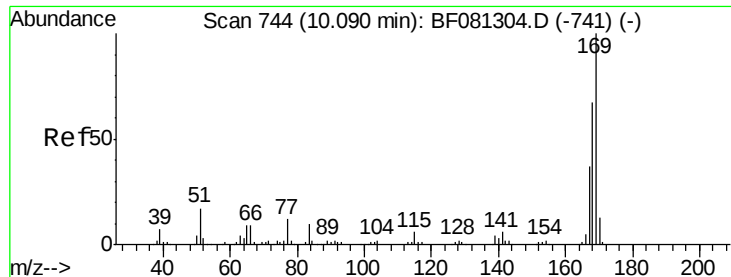
0

10.01

9.95 10.00 10.05

Time-->





#65

n-Nitrosodiphenylamine

Concen: 39.93 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

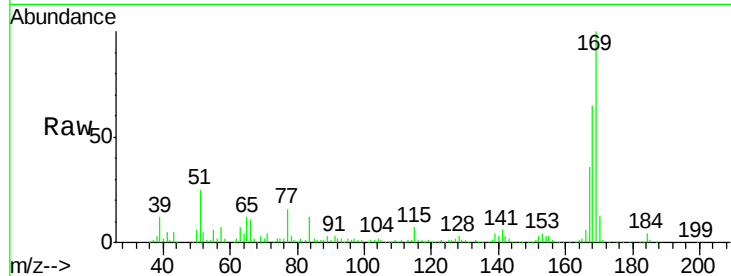
ClientSampleId :

SB003MSD

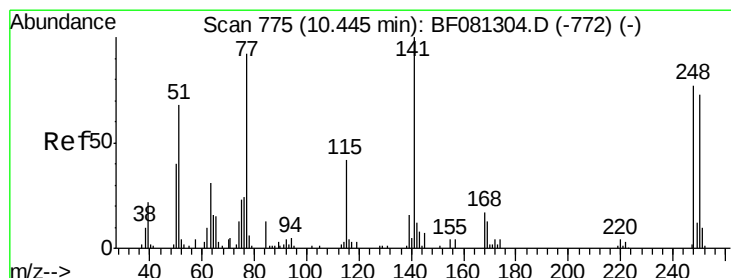
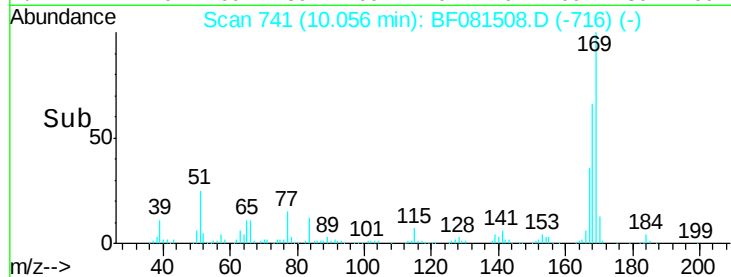
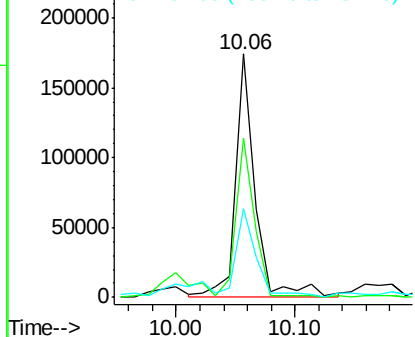
Tgt Ion:	169	Resp:	196935
Ion Ratio	Lower	Upper	
169	100		
168	65.2	48.9	73.3
167	36.2	26.2	39.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.46 ng

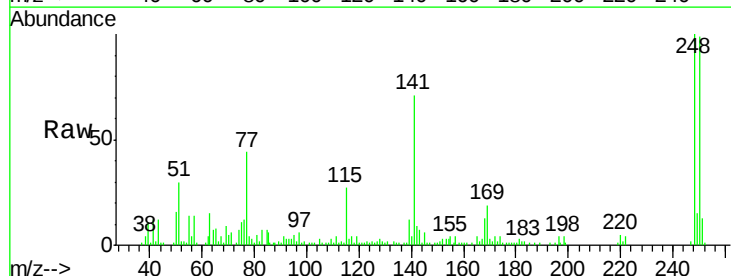
RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

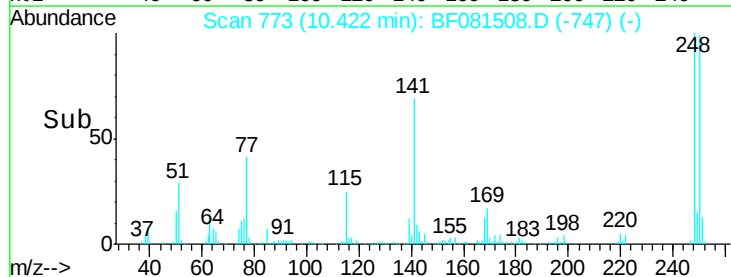
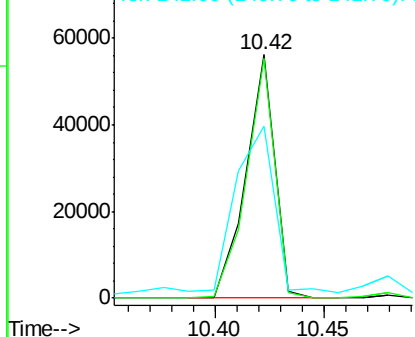
Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion:	248	Resp:	51347
Ion Ratio	Lower	Upper	
248	100		
250	98.5	78.5	117.7
141	70.7	59.0	88.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





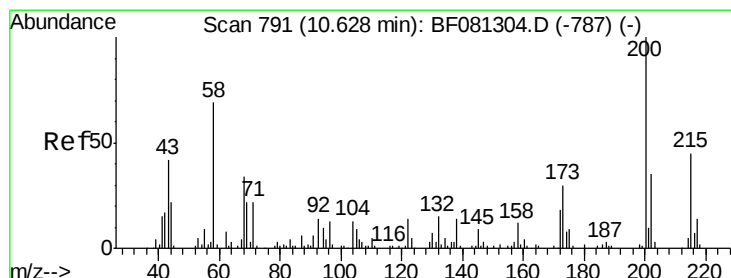
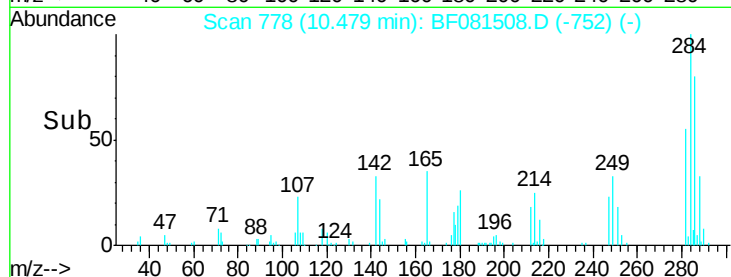
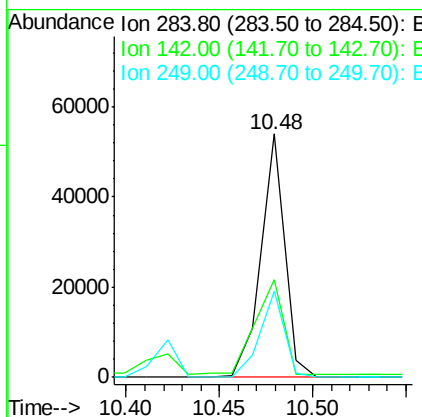
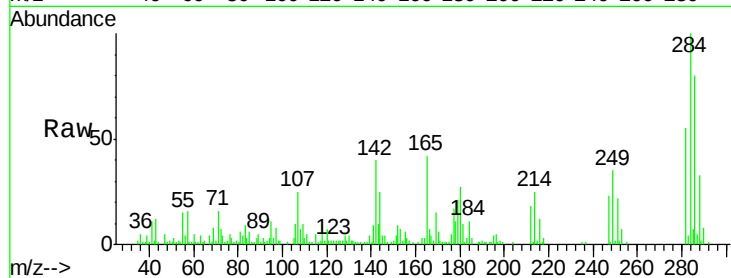
#67
Hexachlorobenzene
Concen: 33.09 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	39.9	29.5	44.3
249	35.4	19.5	29.3

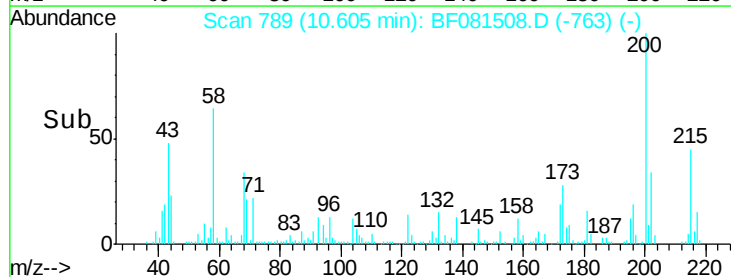
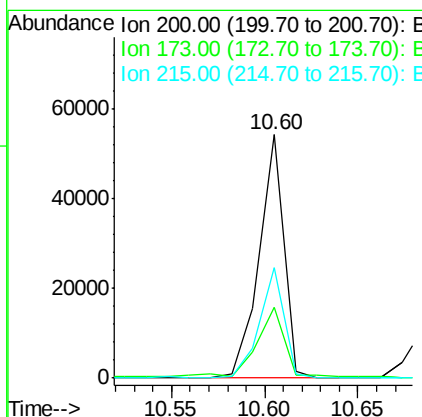
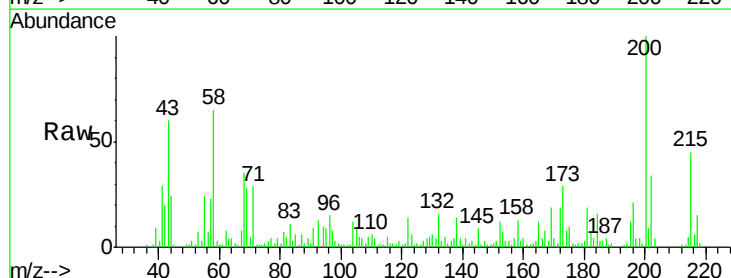
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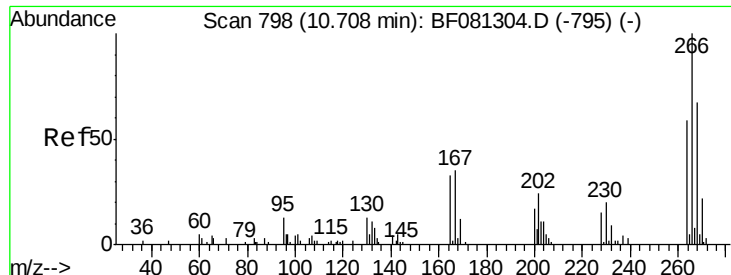
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#68
Atrazine
Concen: 34.51 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	13.2	53.2
215	45.2	41.8	81.8





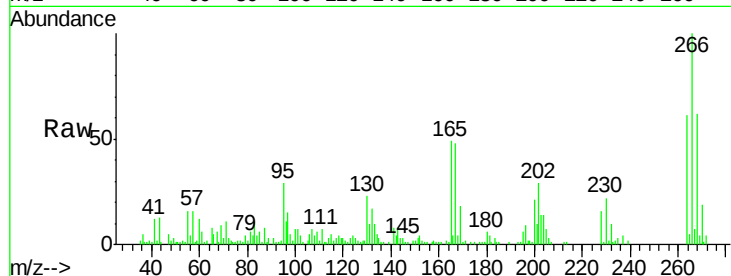
#69
 Pentachlorophenol
 Concen: 71.75 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

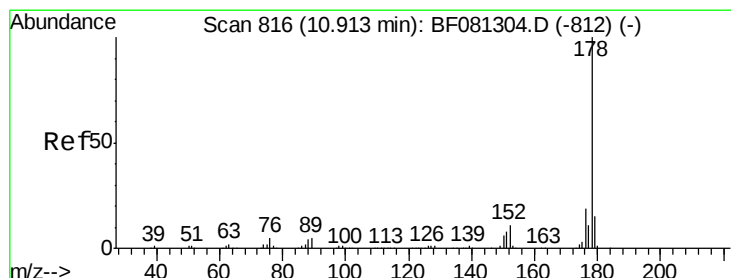
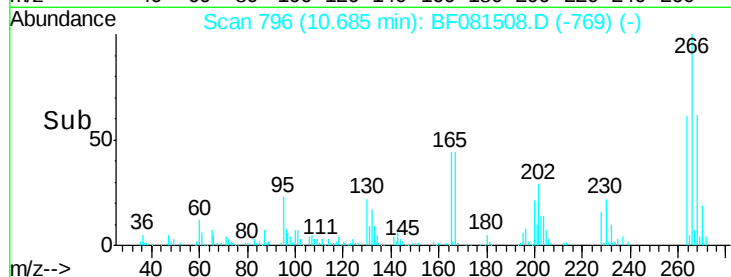
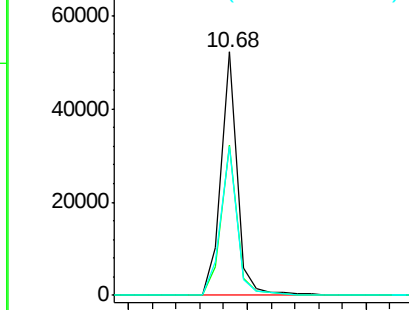
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	49348		
268	61.7	49.8	74.6	
264	61.3	50.2	75.2	

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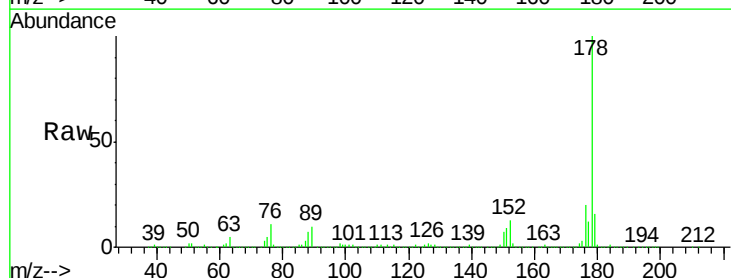


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

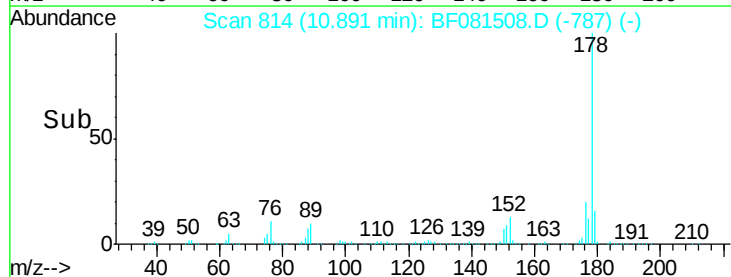
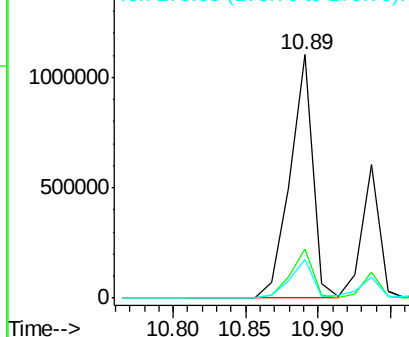


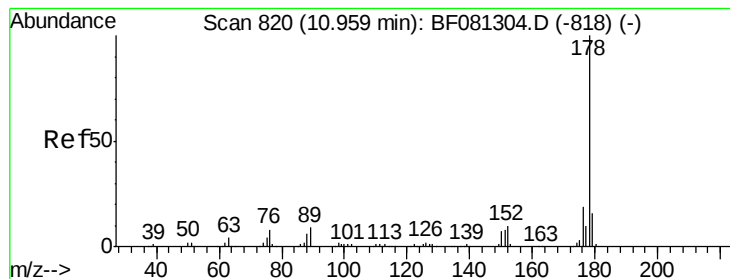
#70
 Phenanthrene
 Concen: 158.55 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1194777		
176	20.4	13.8	20.8	
179	16.1	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: 65.72 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

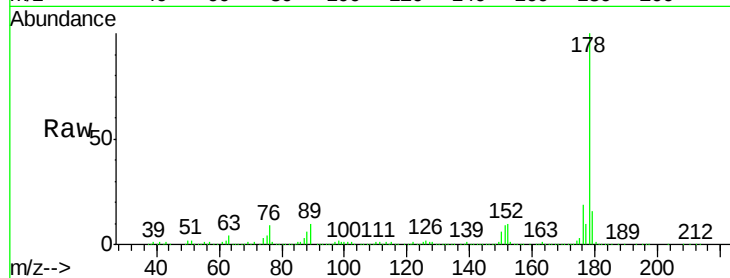
ClientSampleId :

SB003MSD

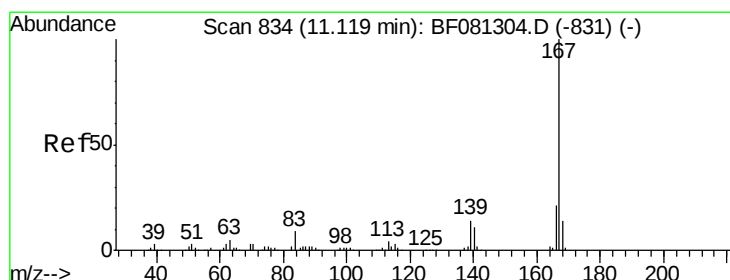
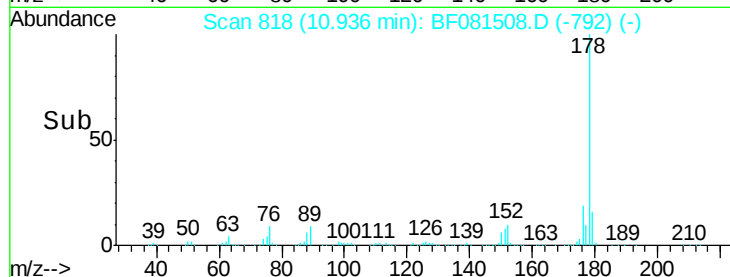
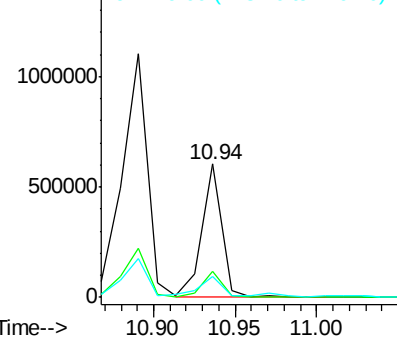
Tgt Ion:	178	Resp:	508828
Ion Ratio	Lower	Upper	
178	100		
176	19.1	14.1	21.1
179	15.8	12.2	18.2

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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



#72

Carbazole

Concen: 45.23 ng

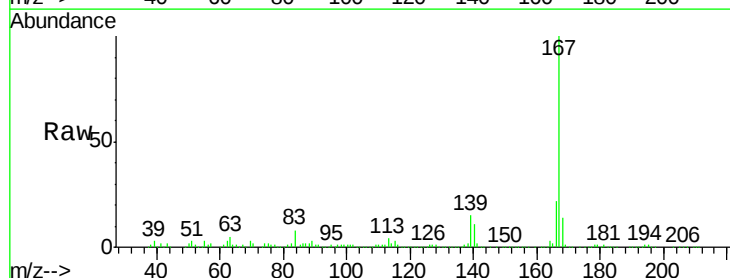
RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

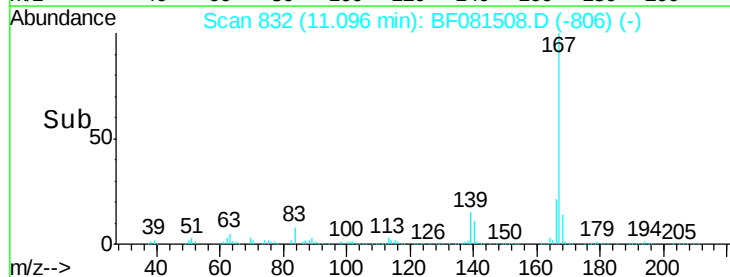
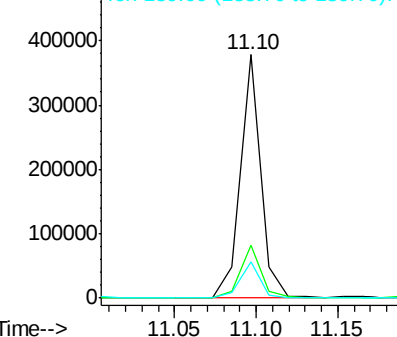
Lab File: BF081508.D

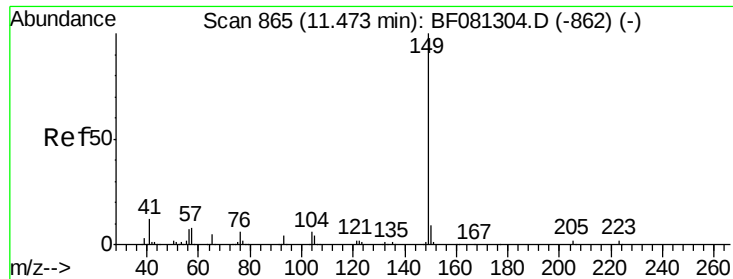
Acq: 6 Sep 2015 14:16

Tgt Ion:	167	Resp:	328592
Ion Ratio	Lower	Upper	
167	100		
166	21.5	15.7	23.5
139	14.9	9.5	14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.60 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

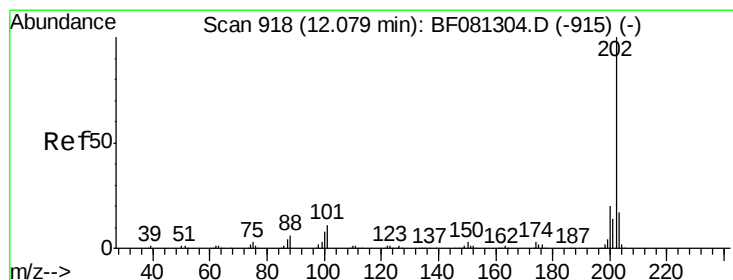
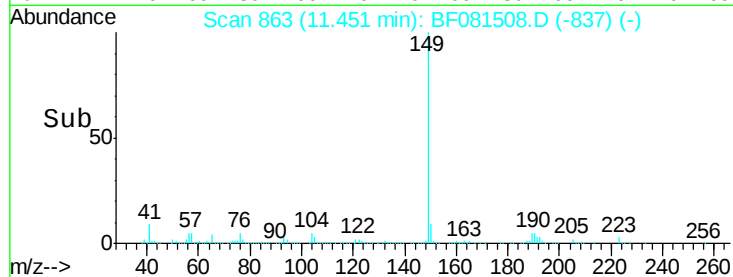
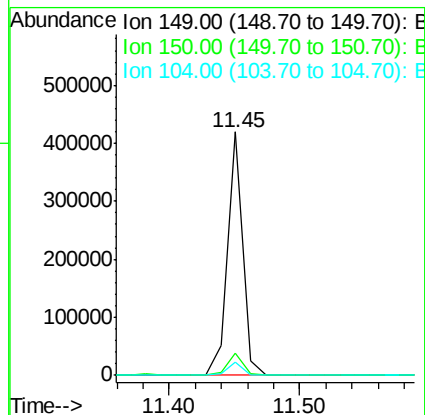
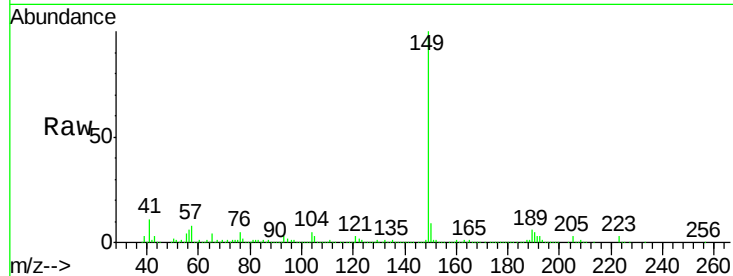
ClientSampleId :

SB003MSD

Tgt Ion:	149	Resp:	339746
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	5.3	2.4	3.6#

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#74

Fluoranthene

Concen: 177.19 ng

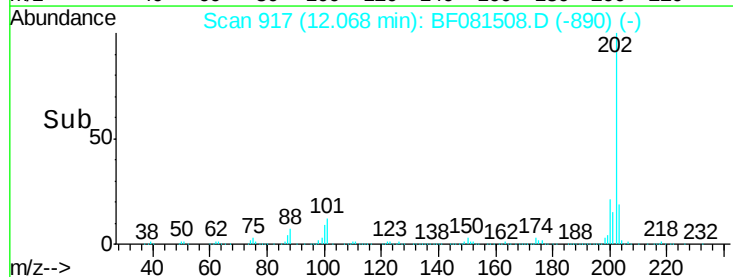
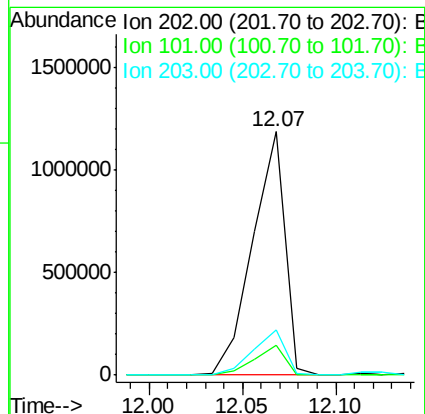
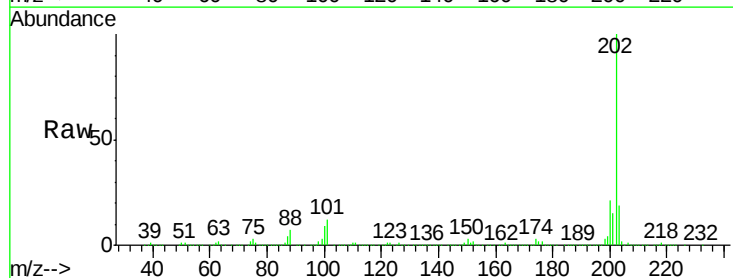
RT: 12.07 min Scan# 917

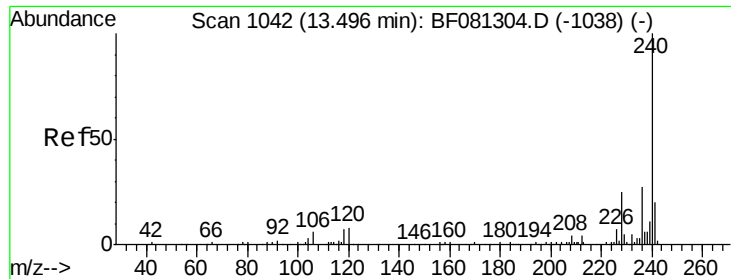
Delta R.T. 0.01 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion:	202	Resp:	1445486
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	38.3
203	18.6	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Instrument :

BNA_F

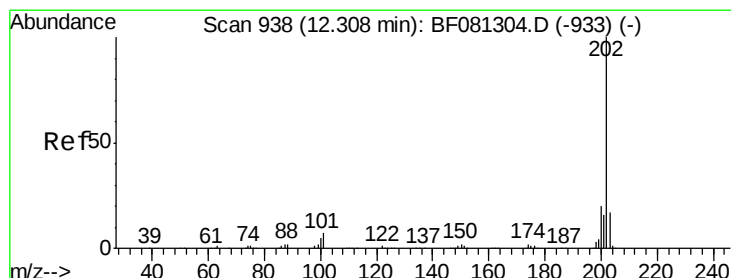
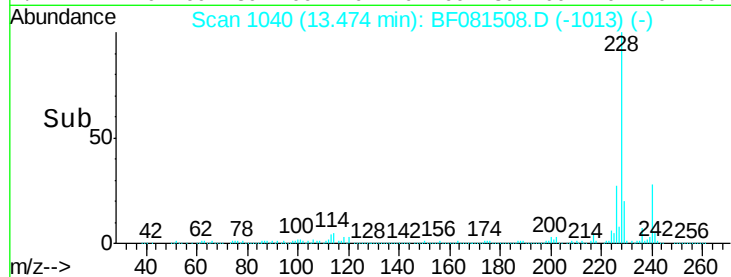
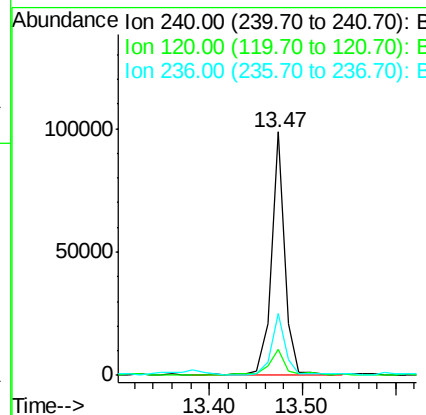
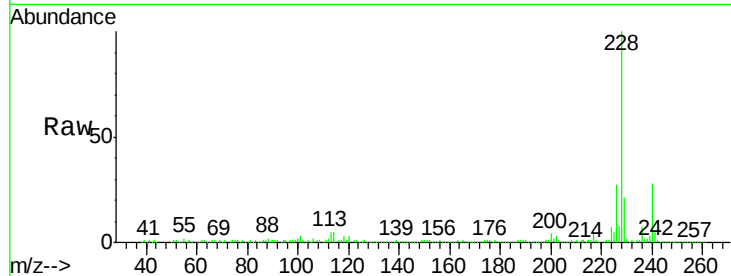
ClientSampleId :

SB003MSD

Tgt Ion:	240	Resp:	98772
Ion Ratio	Lower	Upper	
240	100		
120	10.8	16.2	24.2#
236	25.7	18.4	27.6

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#77

Pyrene

Concen: 168.69 ng m

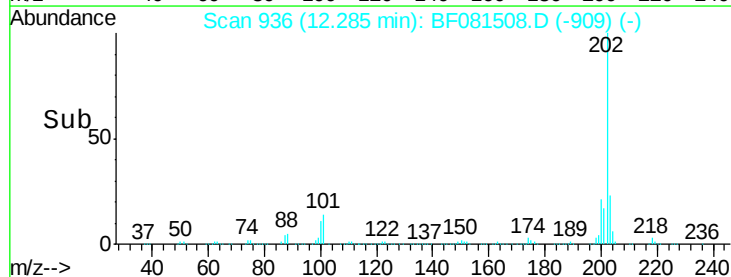
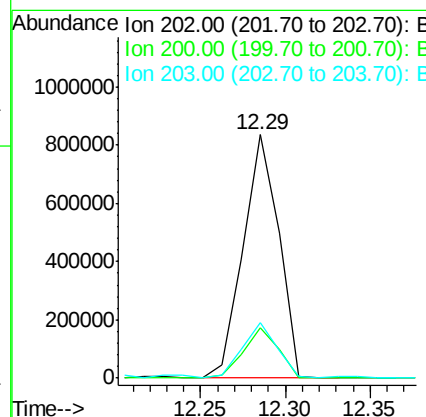
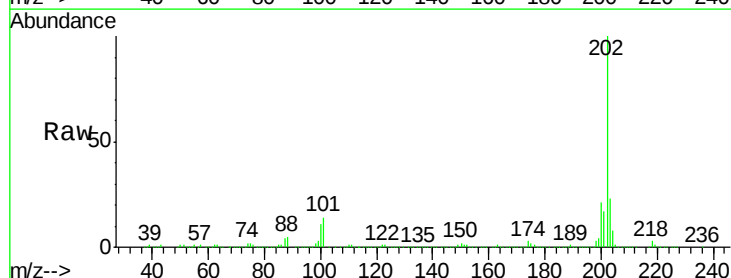
RT: 12.29 min Scan# 936

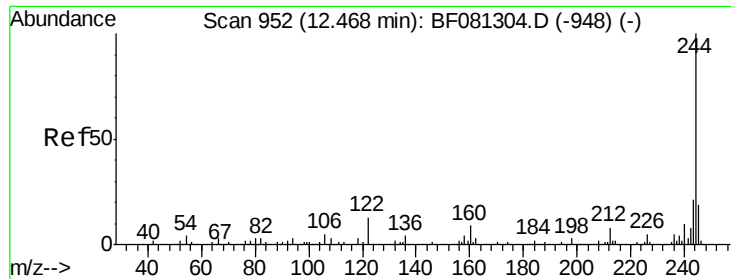
Delta R.T. 0.01 min

Lab File: BF081508.D

Acq: 6 Sep 2015 14:16

Tgt Ion:	202	Resp:	1234250
Ion Ratio	Lower	Upper	
202	100		
200	20.9	15.0	22.4
203	22.8	14.1	21.1#





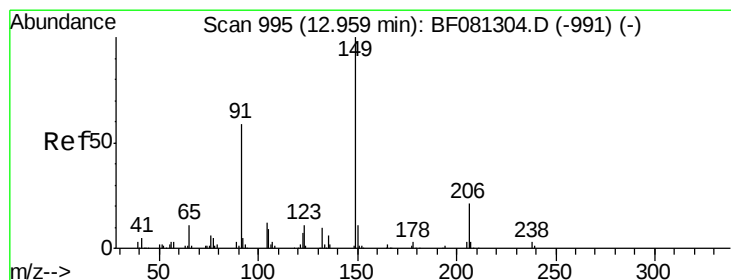
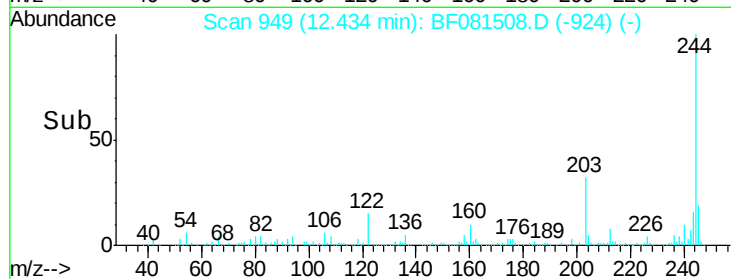
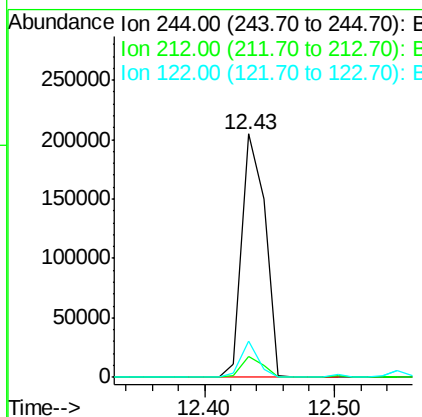
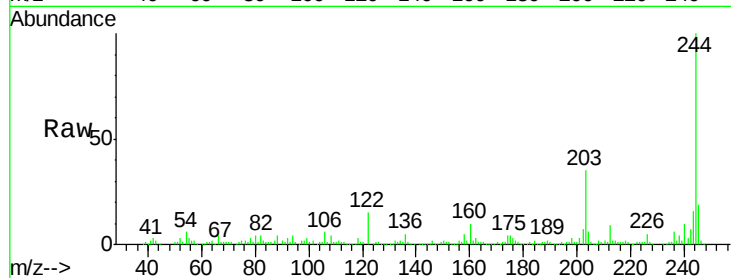
#78
 Terphenyl-d14
 Concen: 59.56 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	4.3	6.5#
122	14.8	17.4	26.2#

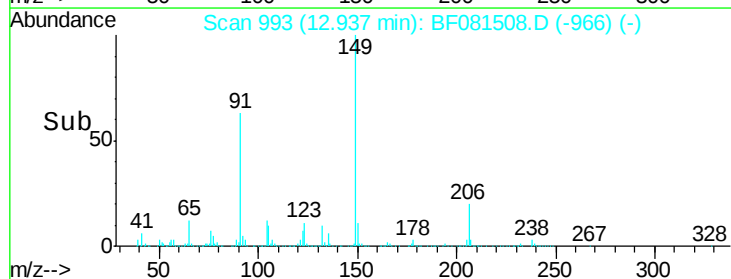
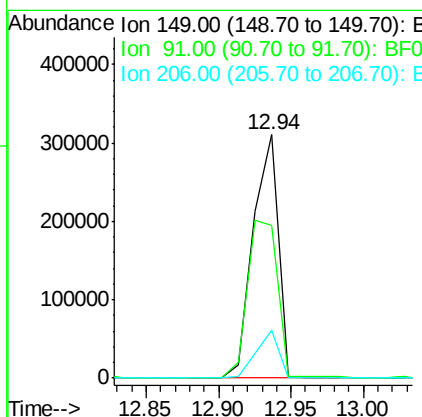
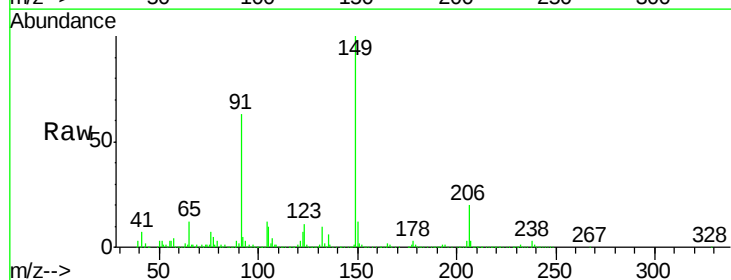
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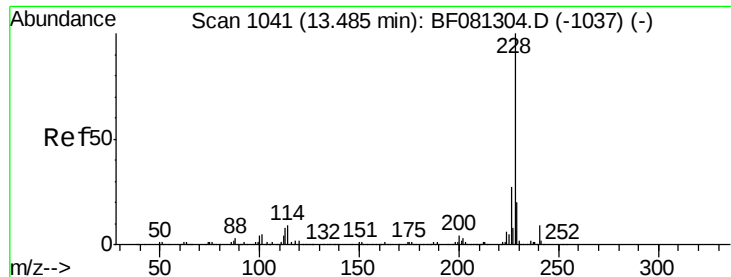
MMDadoda
 9/8/2015 3:58:20 PM



#79
 Butylbenzylphthalate
 Concen: 116.77 ng
 RT: 12.94 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	62.8	48.6	72.8
206	19.6	14.9	22.3





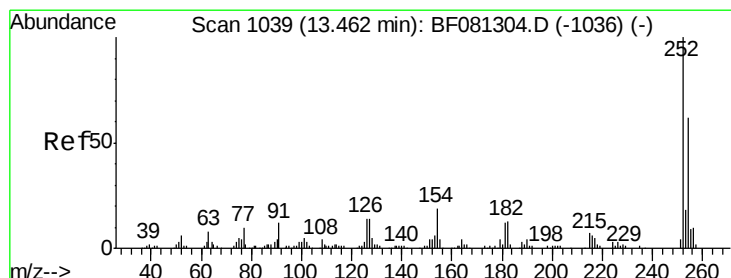
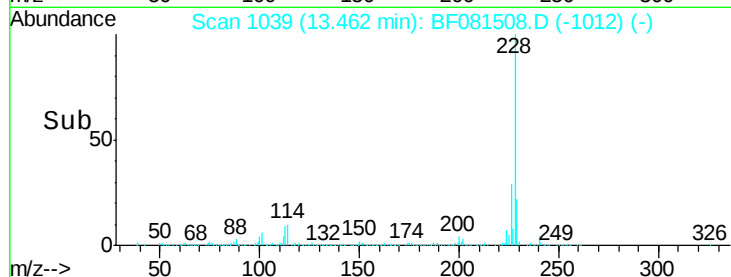
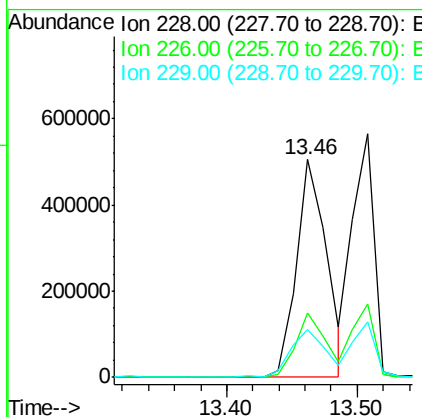
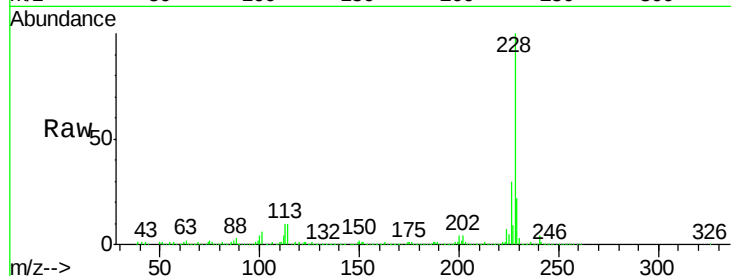
#80
Benzo(a)anthracene
Concen: 129.21 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	20.0	30.0
229	22.2	15.4	23.2

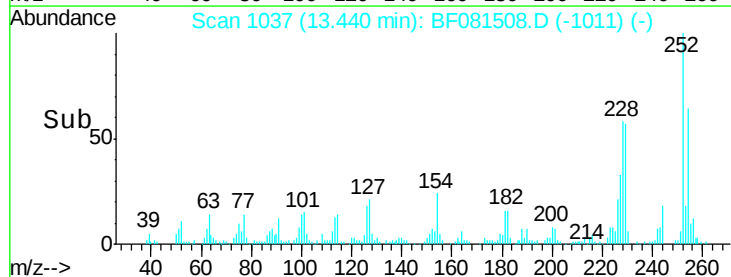
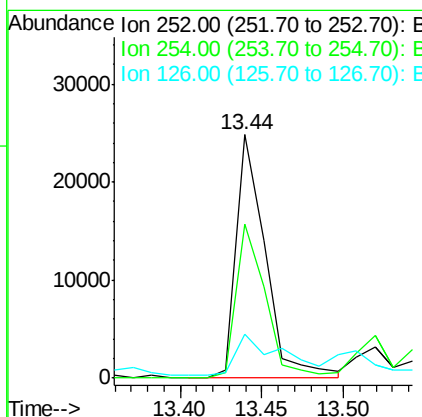
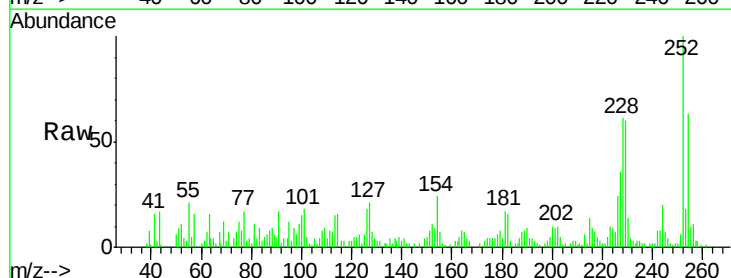
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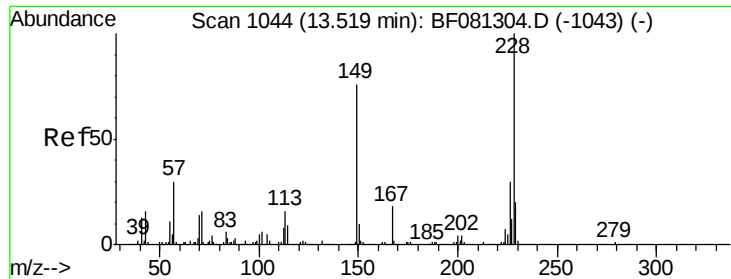
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#81
3,3'-Dichlorobenzidine
Concen: 14.40 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	17.9	16.4	24.6





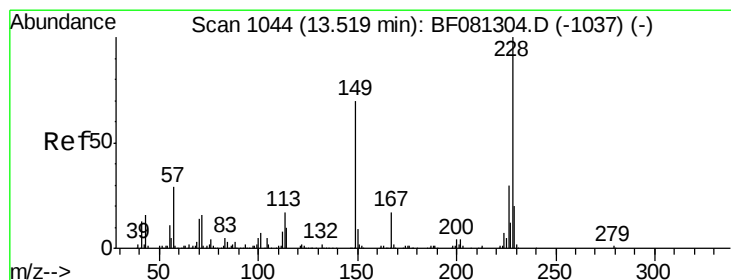
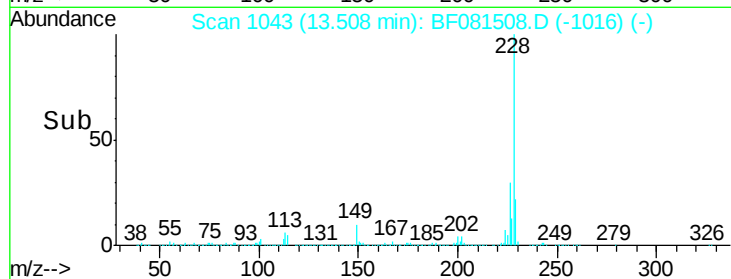
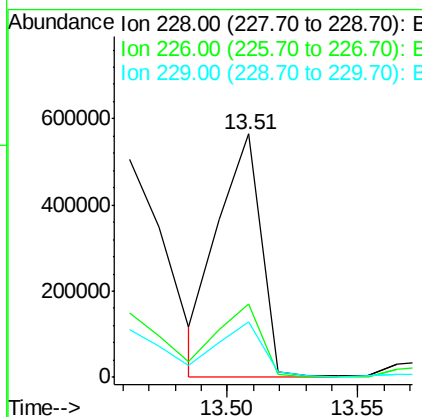
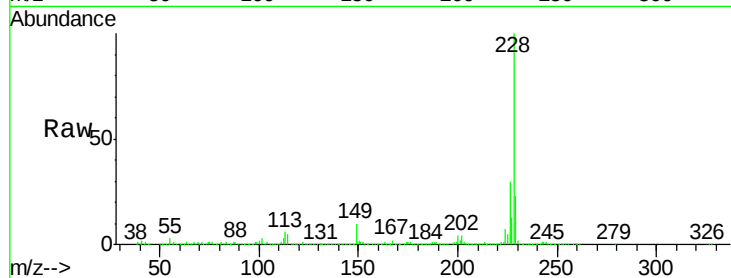
#82
 Chrysene
 Concen: 114.95 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	648126		
226	30.3		21.0	31.4
229	22.6		15.6	23.4

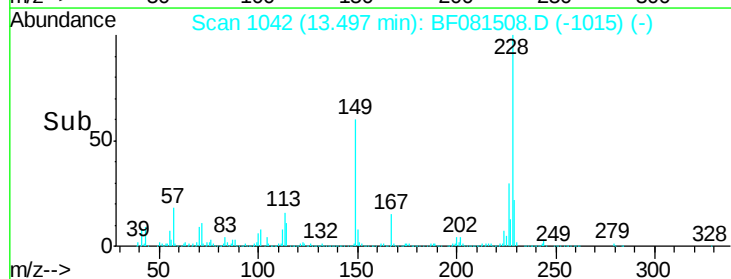
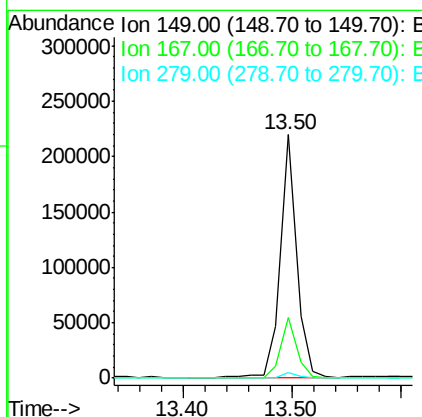
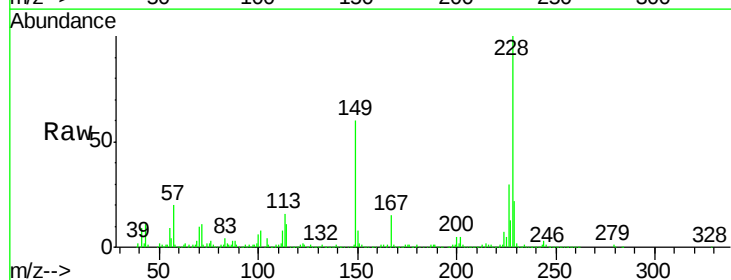
Manual Integrations
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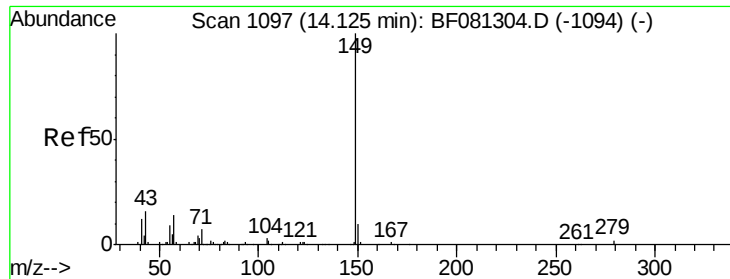
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.07 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081508.D
 Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	227033		
167	24.6		24.2	36.2
279	2.3		3.8	5.6#





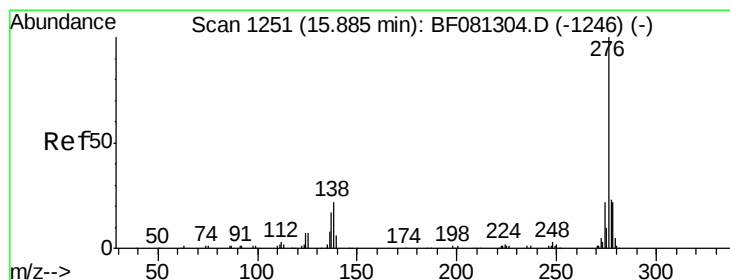
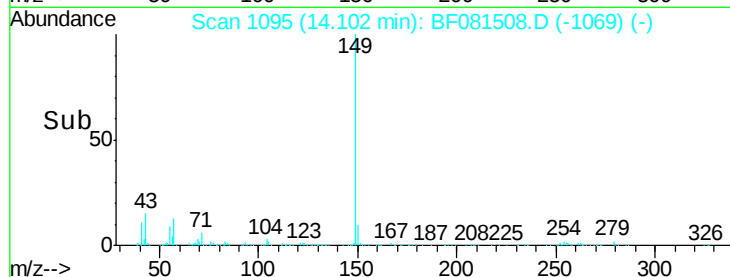
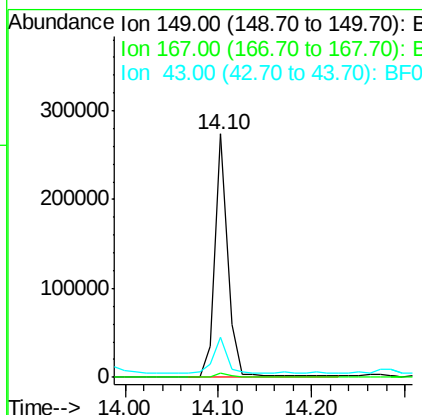
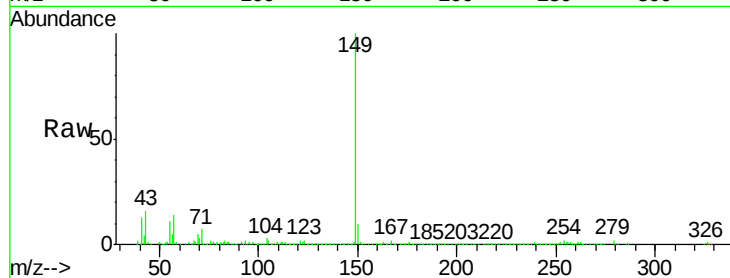
#84
Di-n-octyl phthalate
Concen: 37.61 ng
RT: 14.10 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	260031		
167	1.5	1.0	1.6	
43	15.0	10.2	15.2	

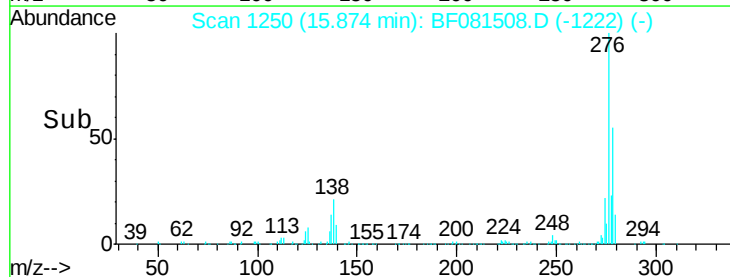
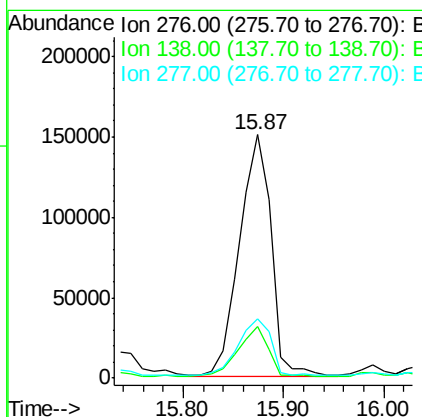
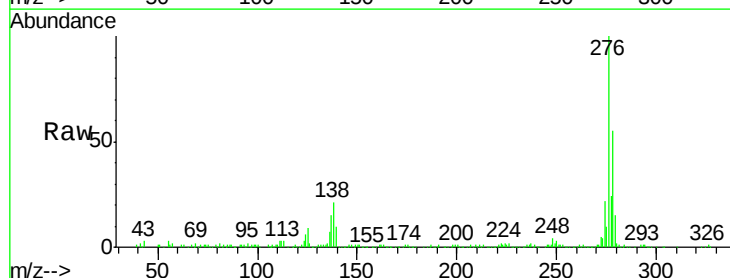
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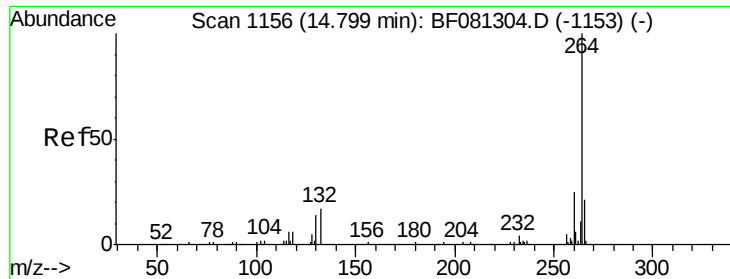
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#85
Indeno(1,2,3-cd)pyrene
Concen: 80.08 ng
RT: 15.87 min Scan# 1250
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	331287		
138	20.7	25.7	38.5#	
277	23.8	15.6	23.4#	





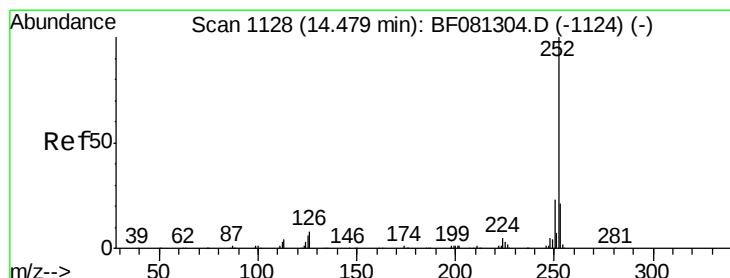
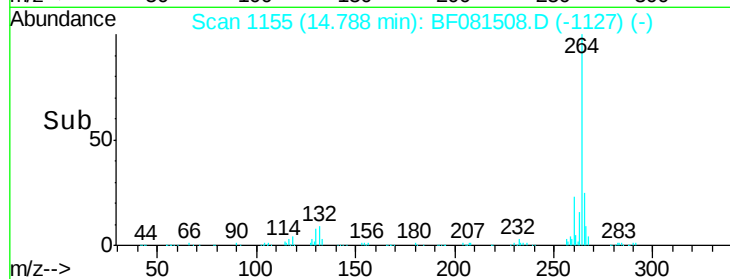
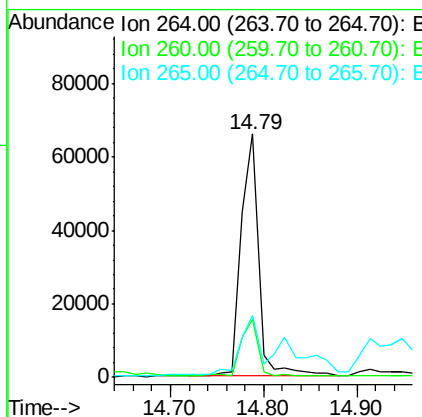
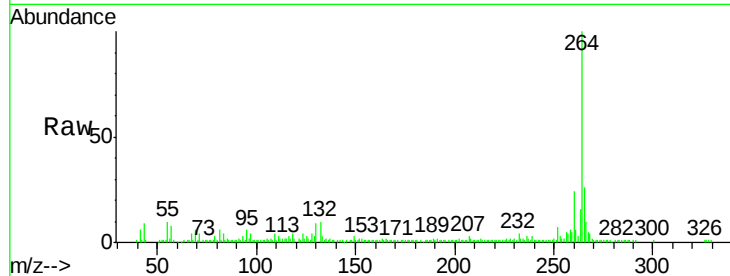
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	25.6	17.2	25.8

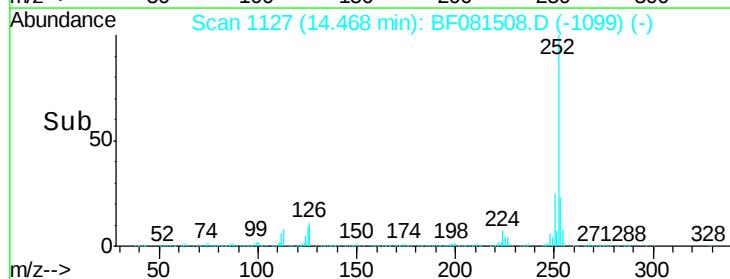
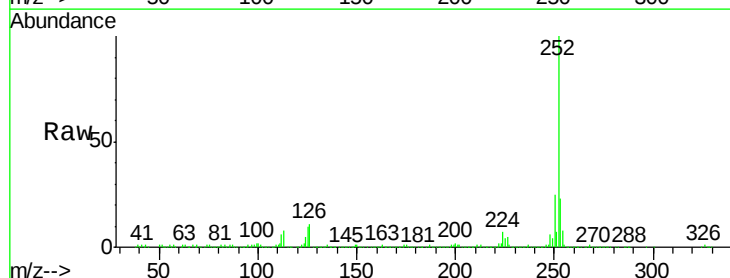
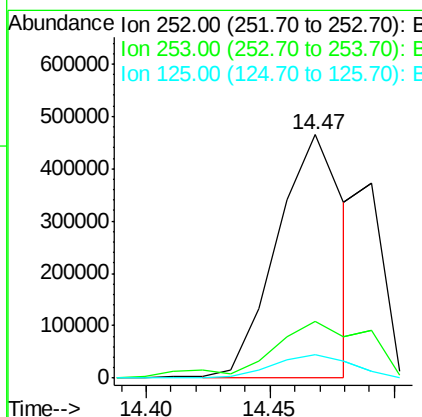
Manual Integrations
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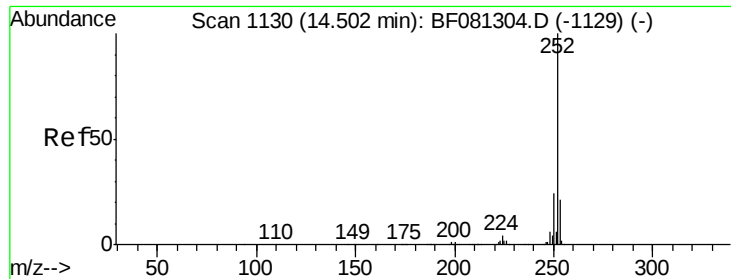
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#87
Benzo(b)fluoranthene
Concen: 141.61 ng m
RT: 14.47 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.6	17.1	25.7#





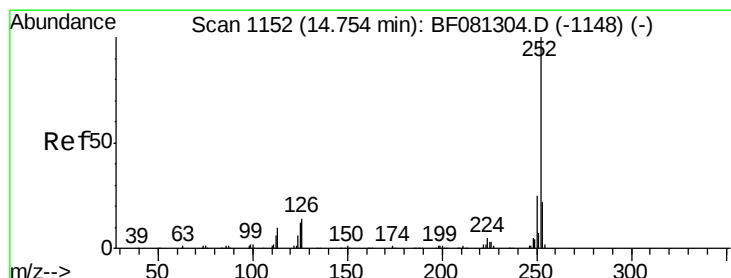
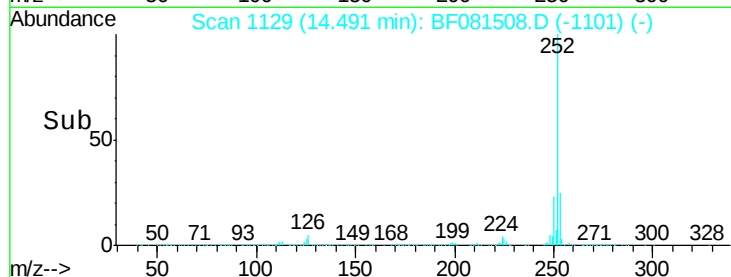
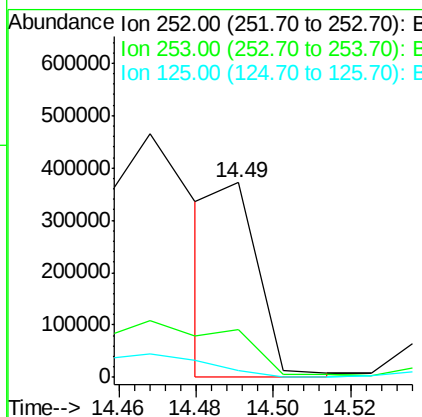
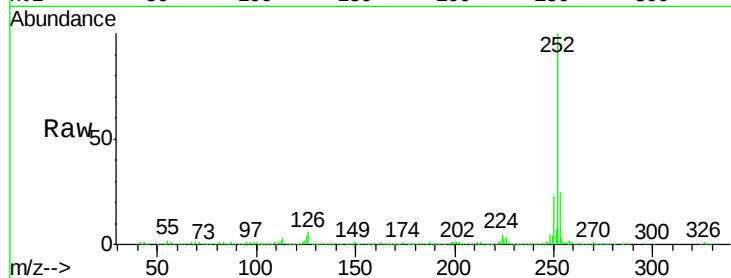
#88
Benzo(k)fluoranthene
Concen: 51.98 ng m
RT: 14.49 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	268693		
253	24.8	17.0	25.4	
125	3.8	16.0	24.0	

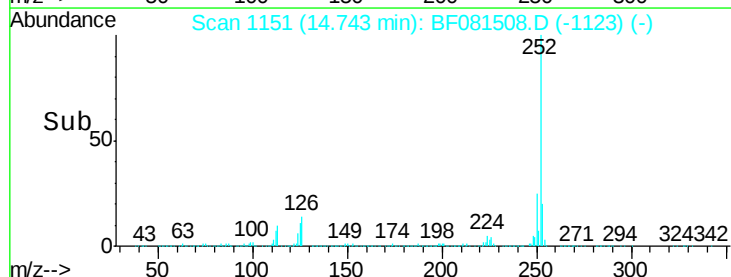
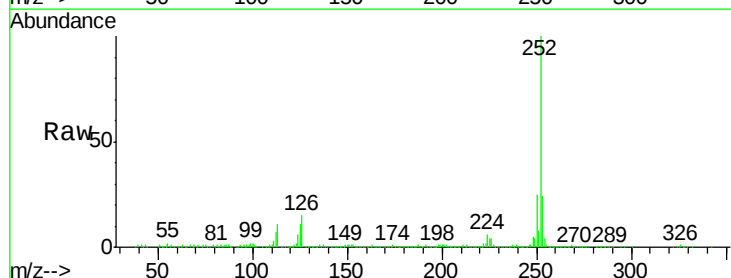
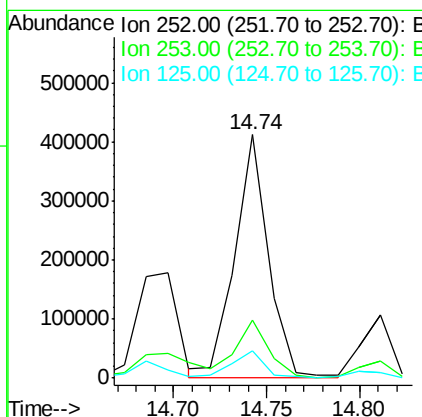
Manual Integrations
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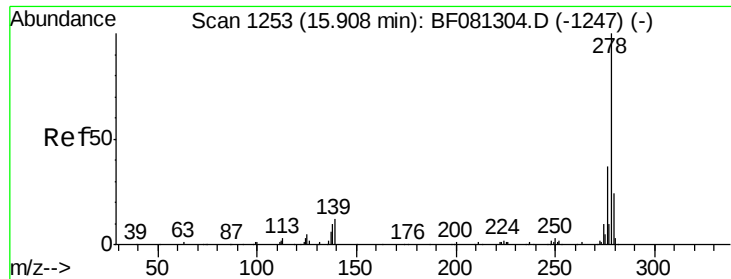
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#89
Benzo(a)pyrene
Concen: 97.60 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	515254		
253	24.0	17.2	25.8	
125	11.3	18.0	27.0	





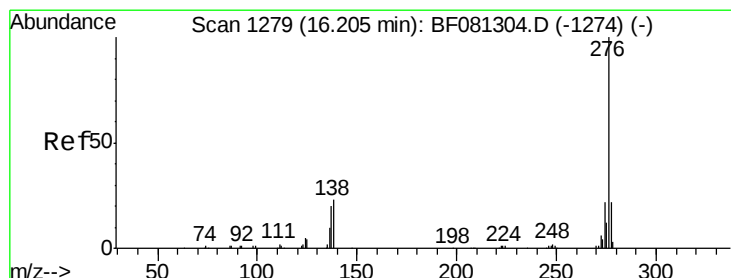
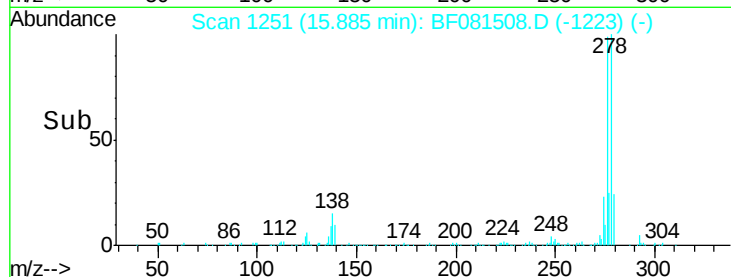
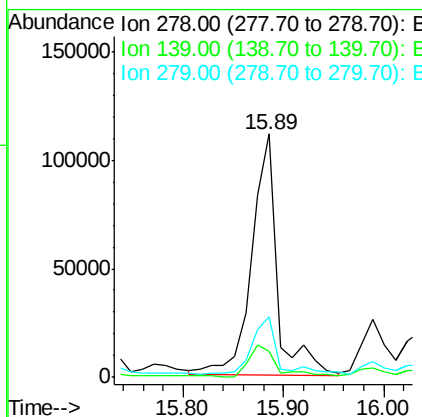
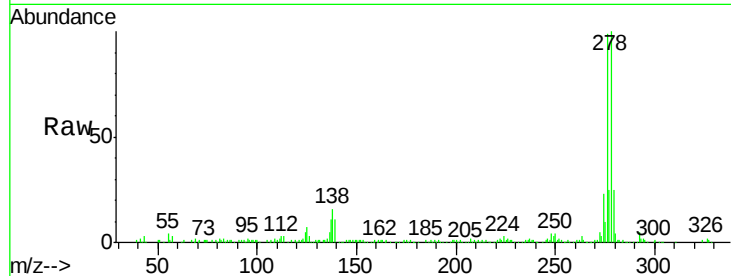
#90
Dibenzo(a,h)anthracene
Concen: 48.01 ng
RT: 15.89 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Instrument :
BNA_F
ClientSampleId :
SB003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	195858		
139	10.6	26.3	39.5#	
279	25.1	18.2	27.4	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 66.84 ng
RT: 16.19 min Scan# 1278
Delta R.T. 0.02 min
Lab File: BF081508.D
Acq: 6 Sep 2015 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	260223		
277	23.8	17.8	26.6	
138	19.2	34.6	51.8#	

