

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081176.D
 Acq On : 24 Aug 2015 18:58
 Operator : UM/IZ
 Sample : PB85151BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Manual Integrations
 APPROVED

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 8/25/2015 12:38:50 PM

Quant Time: Aug 24 23:35:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66942	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	271396	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	117917	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	242357	20.00	ng	0.00
75) Chrysene-d12	13.66	240	217082	20.00	ng	0.00
86) Perylene-d12	14.99	264	152160	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	500719	112.51	ng	0.02
7) Phenol-d6	6.20	99	637409	109.77	ng	0.00
23) Nitrobenzene-d5	7.11	82	425456	71.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	104632	102.36	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	647785	71.98	ng	0.00
78) Terphenyl-d14	12.62	244	645608	63.76	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	68887	32.85	ng	# 91
3) Pyridine	2.63	79	201721	34.08	ng	# 82
4) n-Nitrosodimethylamine	2.60	42	116161	35.25	ng	# 74
6) Aniline	6.21	93	180910	21.43	ng	# 1
8) 2-Chlorophenol	6.32	128	176714	36.27	ng	94
9) Benzaldehyde	6.08	77	44737	11.95	ng	90
10) Phenol	6.21	94	235657	34.36	ng	93
11) bis(2-Chloroethyl)ether	6.29	93	179115	34.04	ng	91
12) 1,3-Dichlorobenzene	6.48	146	190705	36.43	ng	98
13) 1,4-Dichlorobenzene	6.56	146	194704	37.57	ng	99
14) 1,2-Dichlorobenzene	6.71	146	164462	33.90	ng	98
15) Benzyl Alcohol	6.70	79	163323	34.76	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	360409	34.85	ng	98
17) 2-Methylphenol	6.82	107	161225	38.57	ng	94
18) Hexachloroethane	7.05	117	74436	35.54	ng	98
19) n-Nitroso-di-n-propylamine	6.97	70	136416	33.91	ng	91
20) 3+4-Methylphenols	6.97	107	189978	35.81	ng	# 60
22) Acetophenone	6.96	105	261156	36.65	ng	# 87
24) Nitrobenzene	7.13	77	225010	36.22	ng	99
25) Isophorone	7.37	82	378907	34.20	ng	99
26) 2-Nitrophenol	7.45	139	102178	39.55	ng	# 67
27) 2,4-Dimethylphenol	7.50	122	155426	34.01	ng	95
28) bis(2-Chloroethoxy)methane	7.60	93	244872	37.41	ng	# 98
29) 2,4-Dichlorophenol	7.69	162	145394	37.79	ng	90
30) 1,2,4-Trichlorobenzene	7.77	180	147783	34.56	ng	98
31) Naphthalene	7.85	128	543785	35.94	ng	99
32) Benzoic acid	7.65	122	113356	44.10	ng	92
33) 4-Chloroaniline	7.91	127	104999	16.45	ng	# 85
34) Hexachlorobutadiene	7.98	225	86039	35.58	ng	97
35) Caprolactam	8.28	113	54814m	40.76	ng	
36) 4-Chloro-3-methylphenol	8.40	107	163114	35.57	ng	99
37) 2-Methylnaphthalene	8.54	142	333655	34.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	145313	38.20	ng	98
40) Hexachlorocyclopentadiene	8.70	237	149544	75.94	ng	99

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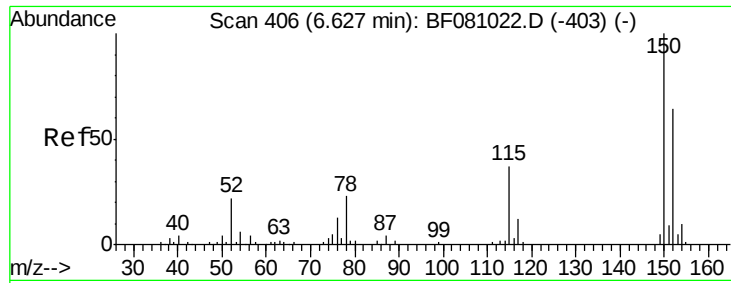
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	107397	39.96	ng	99
43) 2,4,5-Trichlorophenol	8.87	196	97439	36.27	ng #	93
45) 1,1'-Biphenyl	9.01	154	429590	41.36	ng	99
46) 2-Chloronaphthalene	9.02	162	290384	34.80	ng #	91
47) 2-Nitroaniline	9.12	65	115855	33.93	ng	97
48) Acenaphthylene	9.43	152	482609	32.33	ng	99
49) Dimethylphthalate	9.32	163	336491	34.65	ng	99
50) 2,6-Dinitrotoluene	9.37	165	80535	38.63	ng #	85
51) Acenaphthene	9.60	154	289694	32.42	ng	99
52) 3-Nitroaniline	9.53	138	54978	21.07	ng	95
53) 2,4-Dinitrophenol	9.65	184	93578	80.28	ng #	69
54) Dibenzofuran	9.77	168	399205	33.34	ng	91
55) 4-Nitrophenol	9.72	139	142024	77.50	ng #	75
56) 2,4-Dinitrotoluene	9.77	165	104858	37.94	ng #	74
57) Fluorene	10.12	166	333161	36.17	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	85445	41.10	ng	94
59) Diethylphthalate	10.01	149	383677	37.33	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	154957	39.75	ng	95
61) 4-Nitroaniline	10.15	138	99368	37.26	ng	86
62) Azobenzene	10.28	77	462890	39.08	ng	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	50796	35.10	ng	94
65) n-Nitrosodiphenylamine	10.24	169	319922	36.98	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	82859	34.80	ng #	64
67) Hexachlorobenzene	10.65	284	87139	36.14	ng #	69
68) Atrazine	10.77	200	82760	34.33	ng	98
69) Pentachlorophenol	10.86	266	108609	75.07	ng	99
70) Phenanthrene	11.06	178	481811	33.54	ng	99
71) Anthracene	11.12	178	528285	37.80	ng	98
72) Carbazole	11.28	167	510266	37.92	ng	97
73) Di-n-butylphthalate	11.62	149	635202	39.01	ng	99
74) Fluoranthene	12.24	202	569773	36.76	ng	94
76) Benzidine	12.37	184	216756	26.43	ng	98
77) Pyrene	12.46	202	586490	33.23	ng	99
79) Butylbenzylphthalate	13.10	149	262674	34.63	ng #	61
80) Benzo(a)anthracene	13.65	228	491743	33.78	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	113743	24.12	ng #	94
82) Chrysene	13.68	228	383827	29.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	376888	38.79	ng	100
84) Di-n-octyl phthalate	14.28	149	644794	43.66	ng	98
85) Indeno(1,2,3-cd)pyrene	16.16	276	316966	34.41	ng #	94
87) Benzo(b)fluoranthene	14.64	252	486808m	45.23	ng	
88) Benzo(k)fluoranthene	14.67	252	305297m	30.44	ng	
89) Benzo(a)pyrene	14.94	252	367910	39.23	ng	97
90) Dibenzo(a,h)anthracene	16.17	278	266044	36.41	ng #	94
91) Benzo(g,h,i)perylene	16.52	276	268795	36.26	ng #	93

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



#1

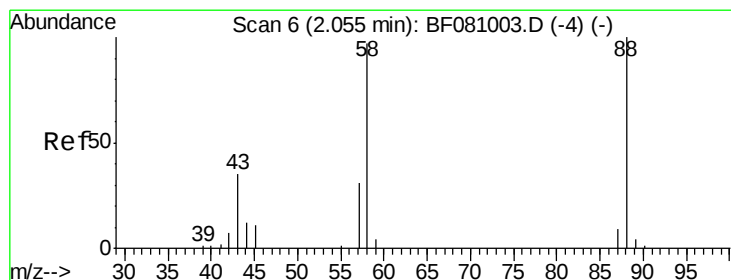
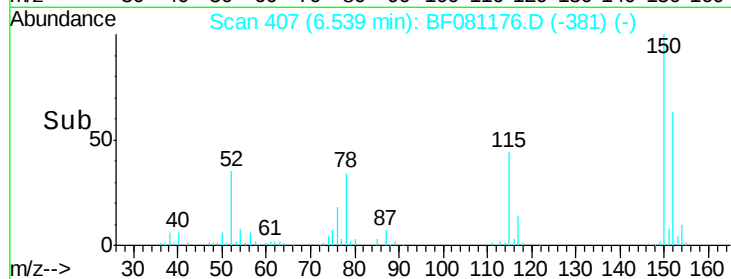
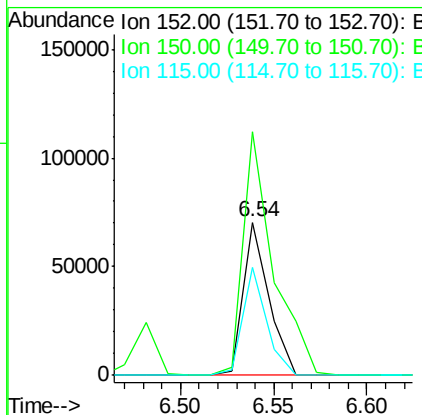
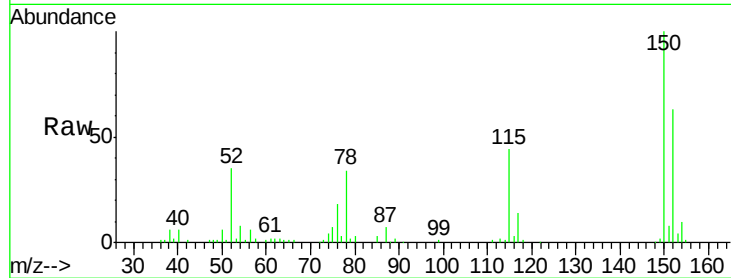
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	66942		
150	159.1	123.8	185.6	
115	70.5	52.1	78.1	

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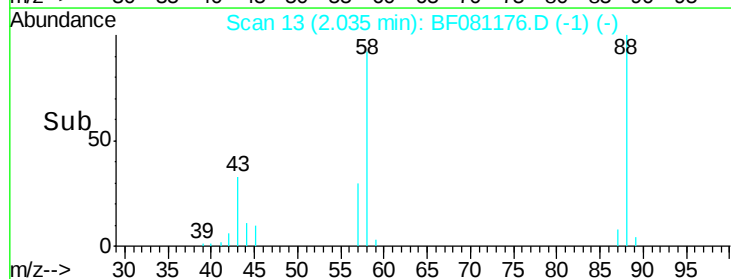
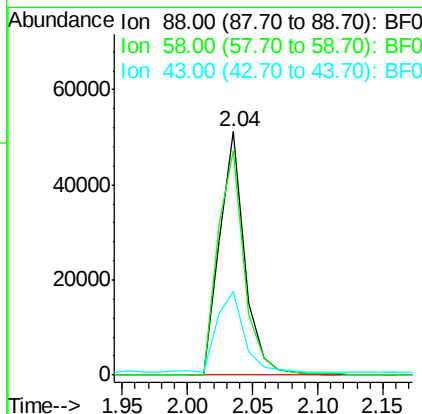
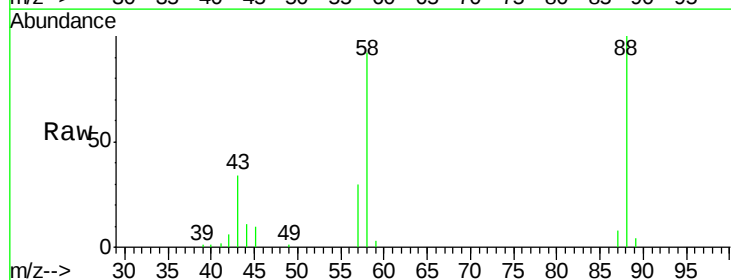
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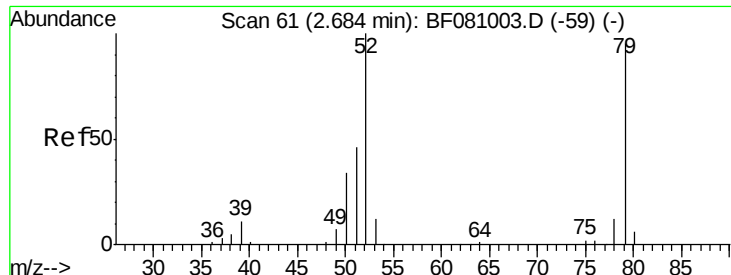


#2

1,4-Dioxane
Concen: 32.85 ng
RT: 2.04 min Scan# 13
Delta R.T. 0.10 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	68887		
58	98.0	83.7	125.5	
43	36.2	37.5	56.3	





#3

Pyridine

Concen: 34.08 ng

RT: 2.63 min Scan# 65

Delta R.T. 0.09 min

Lab File: BF081176.D

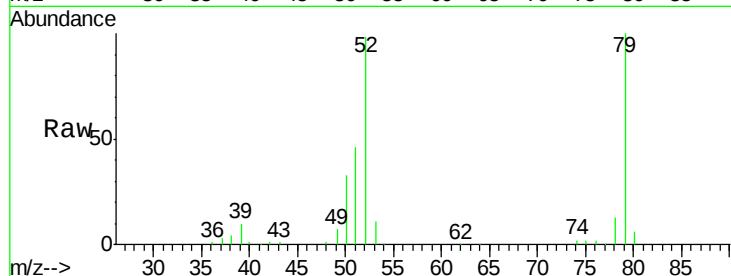
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Instrument :

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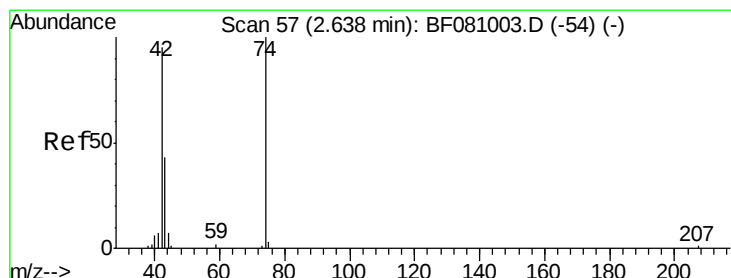
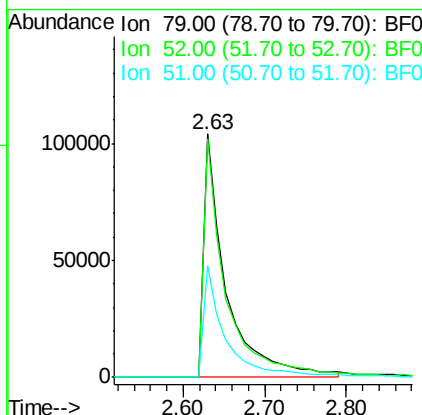
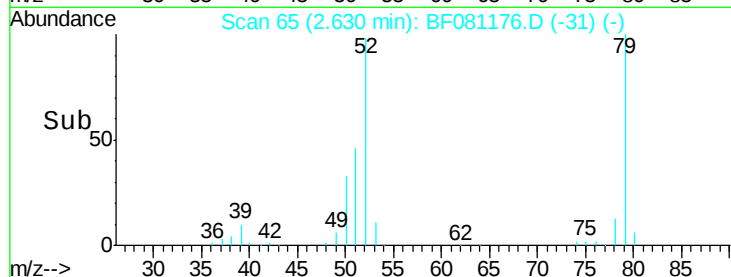
PB85151BS



Tgt Ion	Ratio	Lower	Upper
79	100		
52	97.9	95.1	142.7
51	45.9	46.6	70.0#

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#4

n-Nitrosodimethylamine

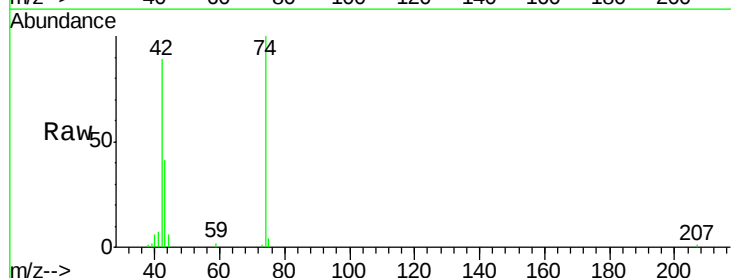
Concen: 35.25 ng

RT: 2.60 min Scan# 62

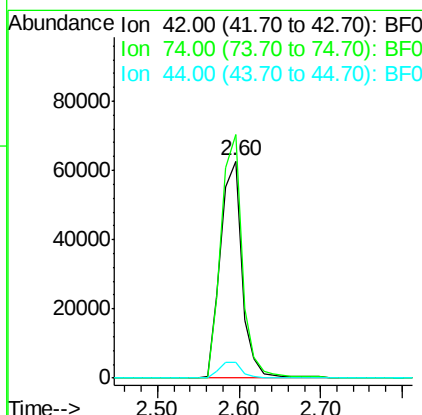
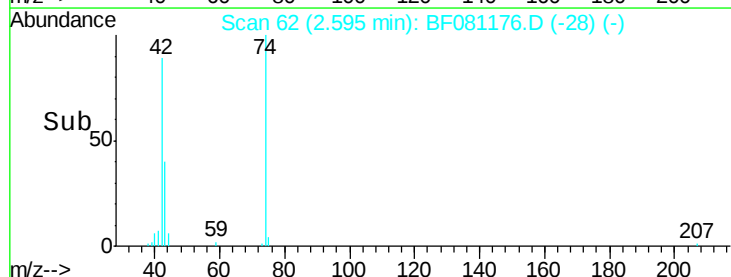
Delta R.T. 0.09 min

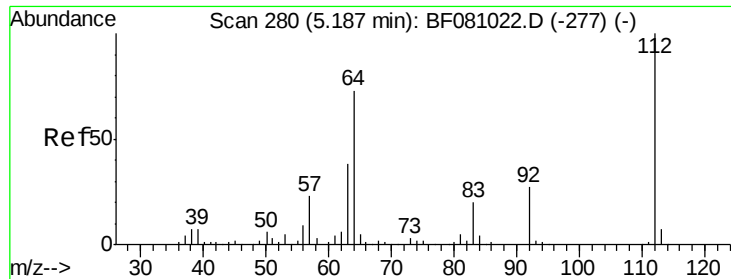
Lab File: BF081176.D

Acq: 24 Aug 2015 18:58



Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.1	69.3	103.9#
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 112.51 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081176.D

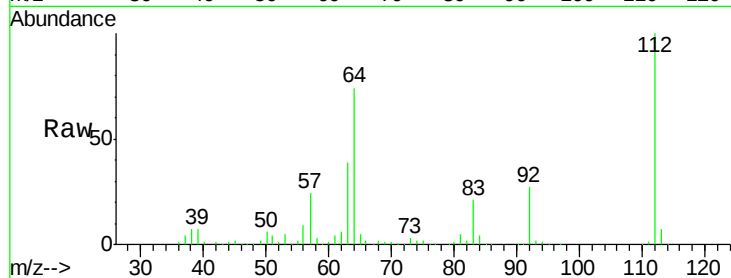
Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

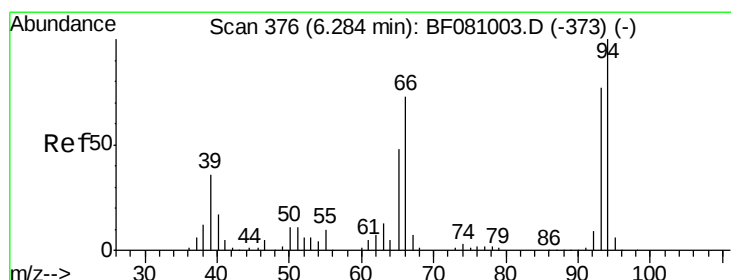
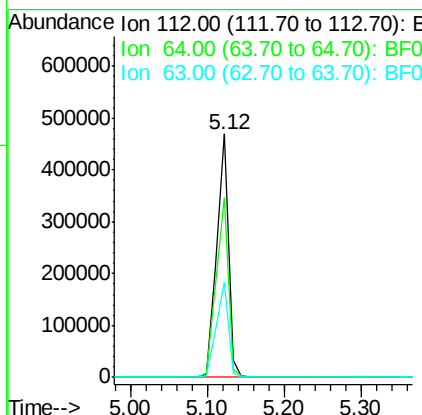
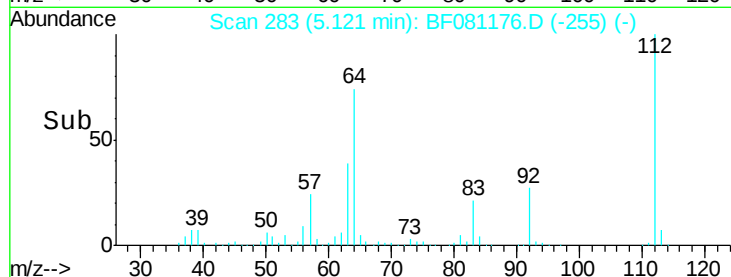
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	500719		
64	73.9	66.9	100.3	
63	39.2	38.1	57.1	

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#6

Aniline

Concen: 21.43 ng

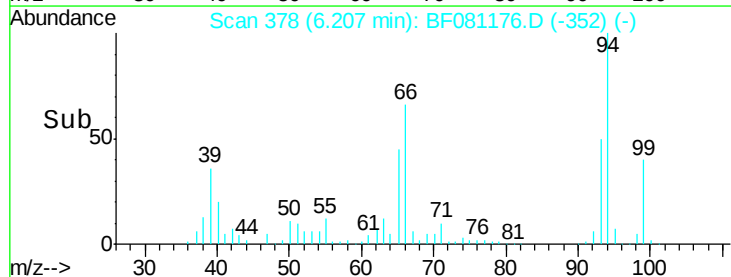
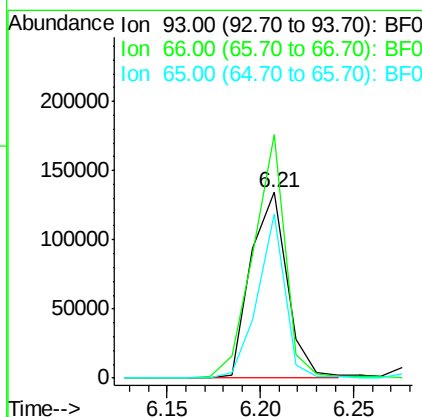
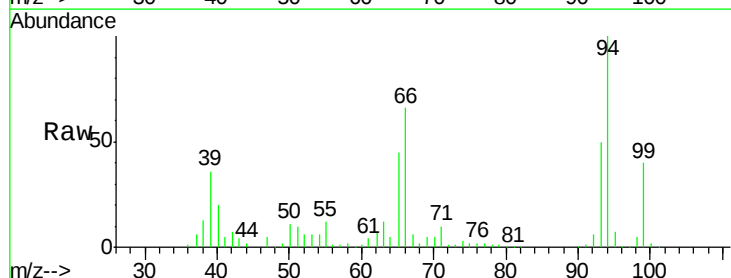
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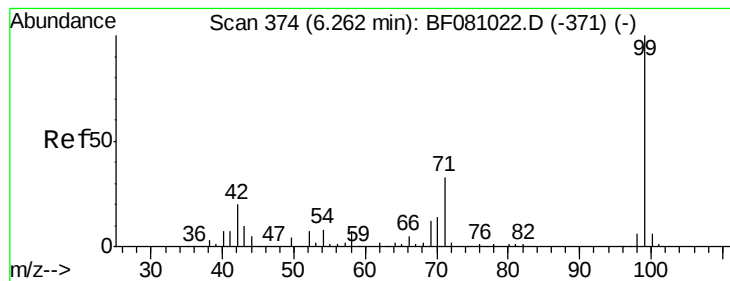
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	180910		
66	131.2	35.6	53.4#	
65	88.4	18.7	28.1#	





#7

Phenol-d6

Concen: 109.77 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

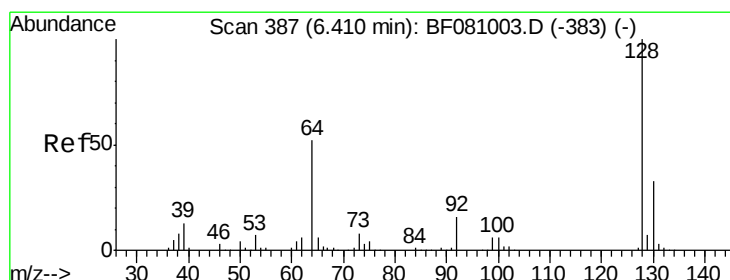
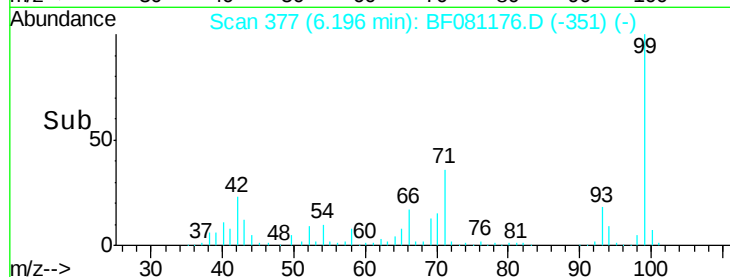
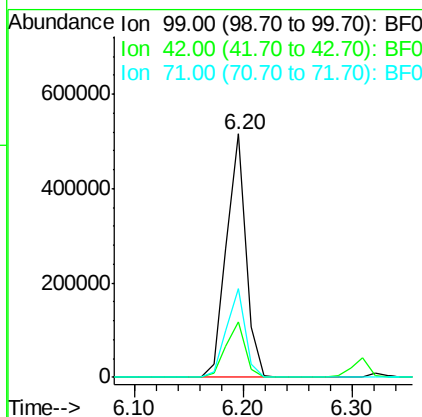
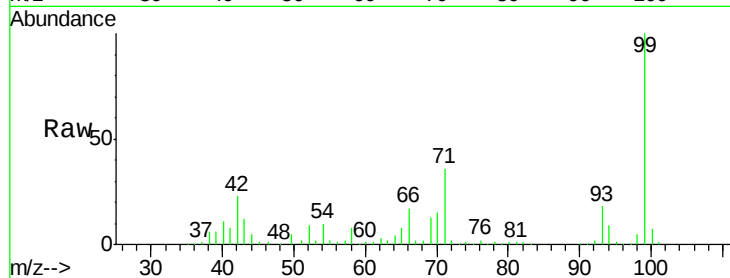
ClientSampleId :

PB85151BS

Tgt Ion:	99	Resp:	637409
Ion Ratio	Lower	Upper	
99	100		
42	22.5	19.6	29.4
71	36.3	31.2	46.8

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#8

2-Chlorophenol

Concen: 36.27 ng

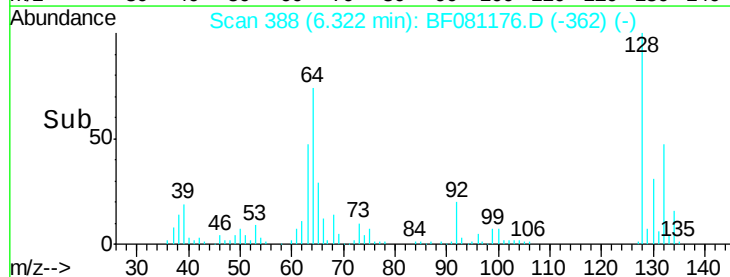
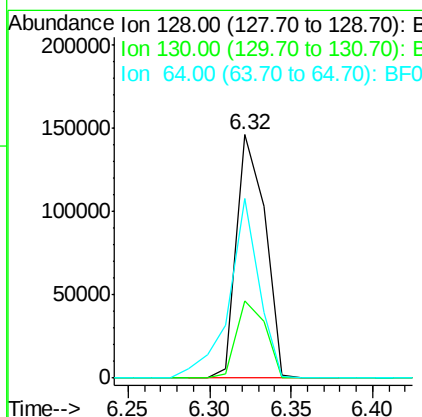
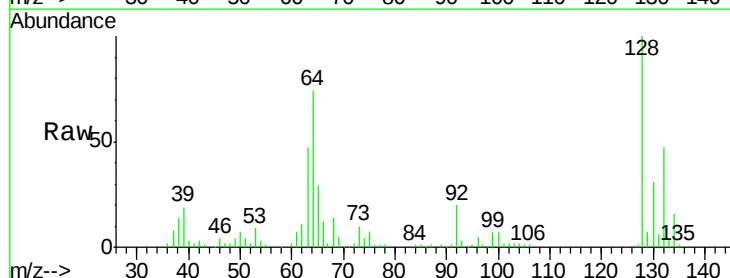
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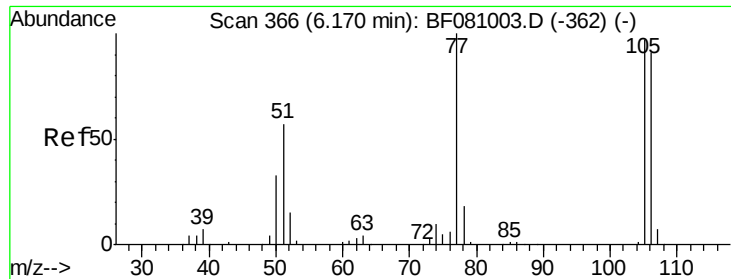
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	128	Resp:	176714
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.5	52.5
64	73.7	46.8	86.8





#9

Benzaldehyde

Concen: 11.95 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF081176.D

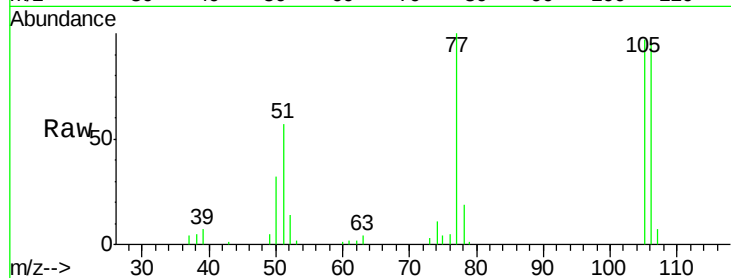
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Instrument :

BNA_F

ClientSampleId :

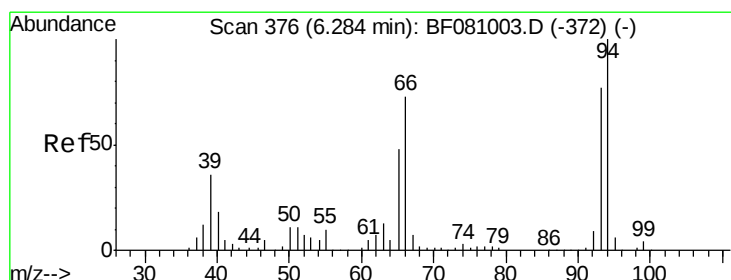
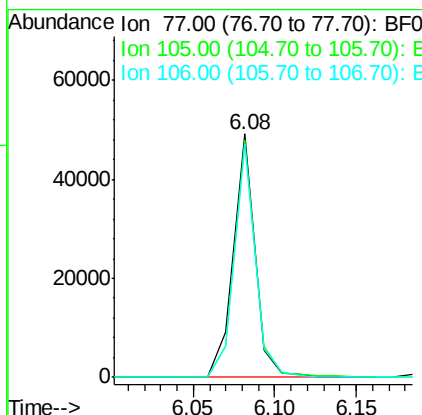
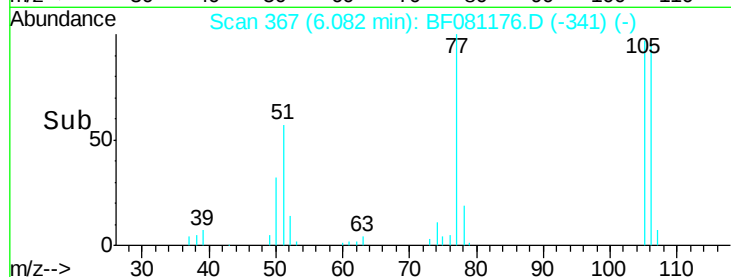
PB85151BS



Tgt Ion:	77	Resp:	44737
Ion	Ratio	Lower	Upper
77	100		
105	97.3	69.6	109.6
106	95.7	64.0	104.0

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#10

Phenol

Concen: 34.36 ng

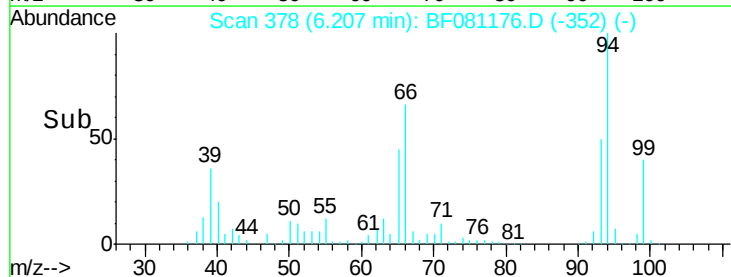
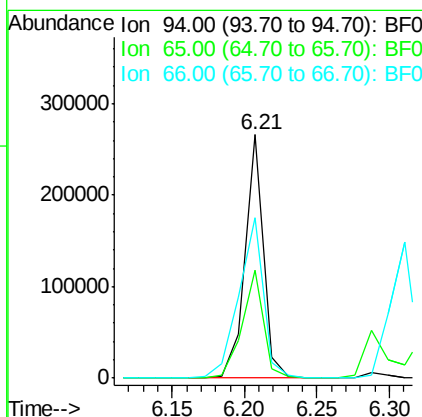
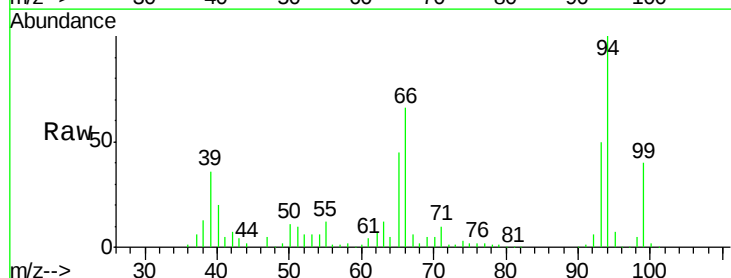
RT: 6.21 min Scan# 378

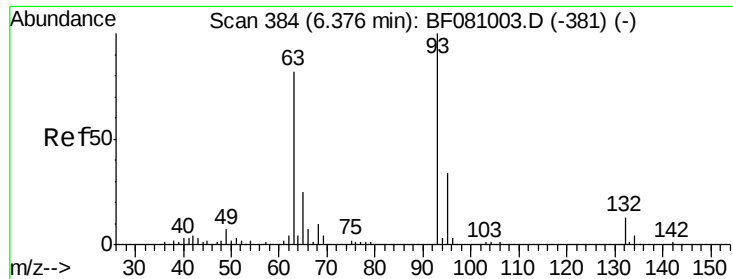
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	94	Resp:	235657
Ion	Ratio	Lower	Upper
94	100		
65	44.5	28.4	68.4
66	66.1	52.3	92.3





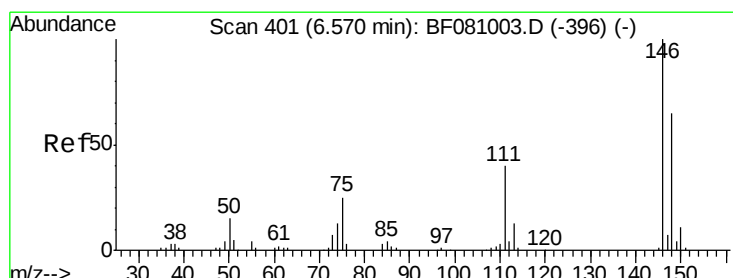
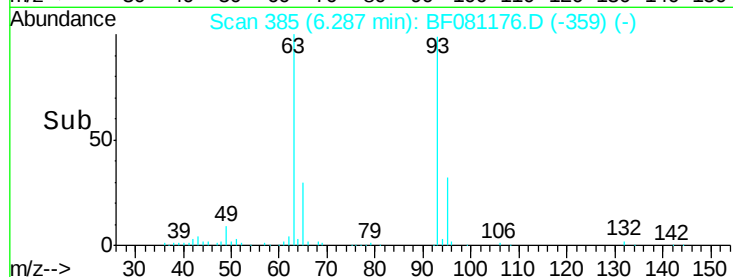
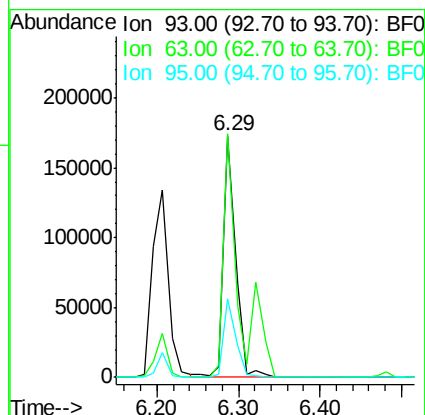
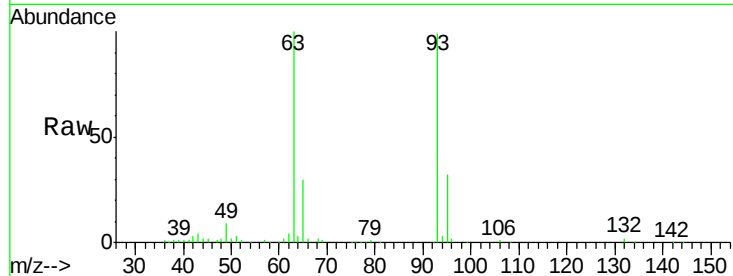
#11
bis(2-Chloroethyl)ether
Concen: 34.04 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179115		
63	100.9	69.6	109.6	
95	32.6	12.3	52.3	

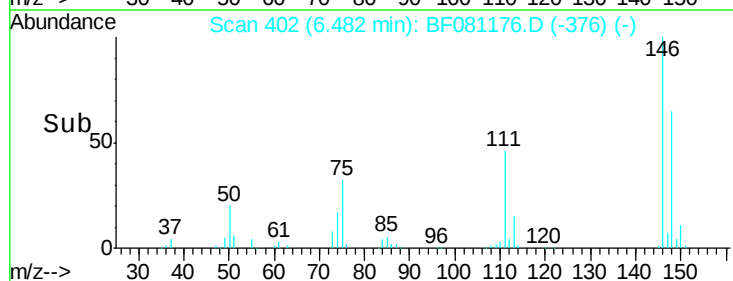
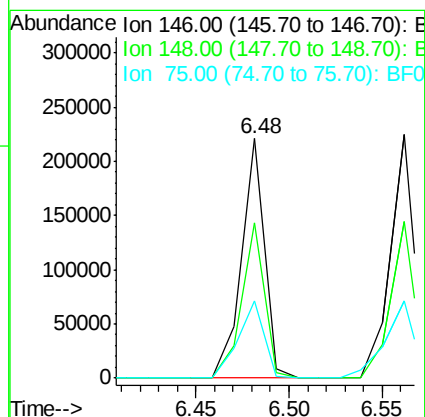
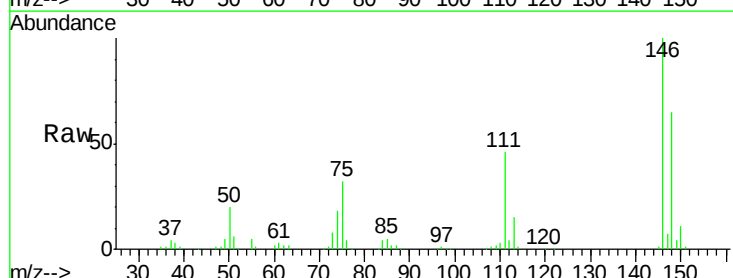
Manual Integrations
APPROVED

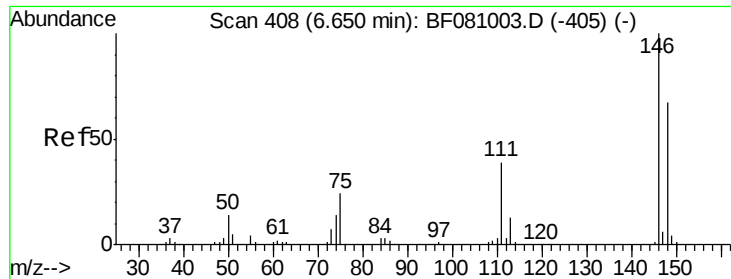
MMDadoda
8/25/2015 12:38:50 PM



#12
1,3-Dichlorobenzene
Concen: 36.43 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

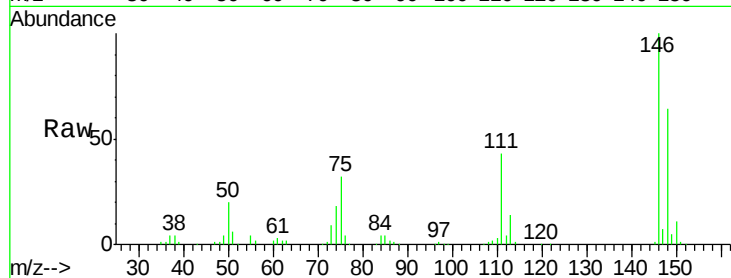
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	190705		
148	64.7	53.3	79.9	
75	32.1	25.0	37.6	





#13
 1,4-Dichlorobenzene
 Concen: 37.57 ng
 RT: 6.56 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

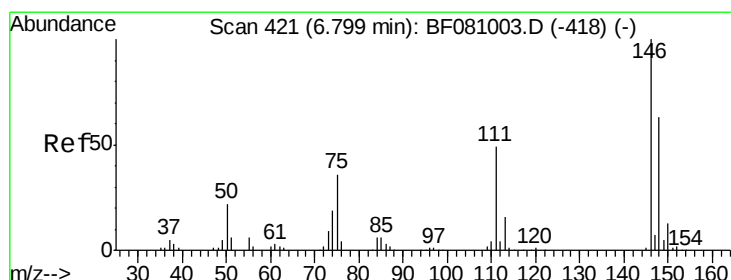
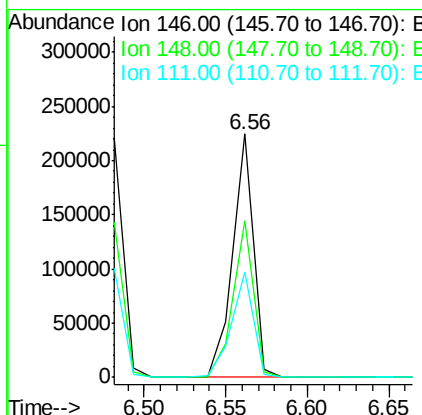
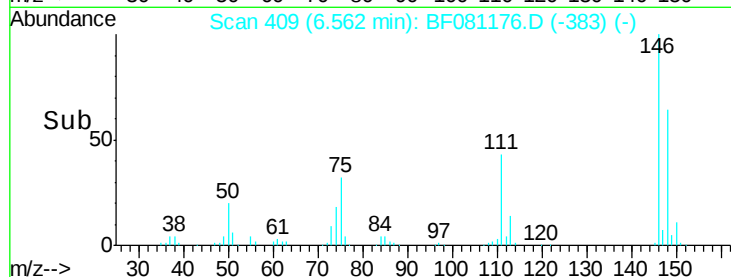
Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS



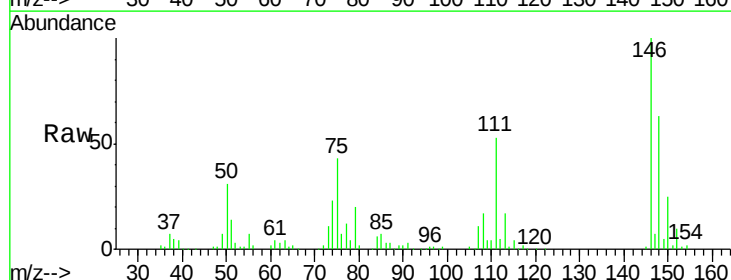
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	43.4	34.4	51.6

Manual Integrations
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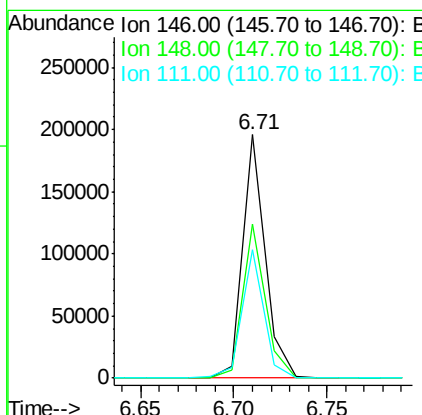
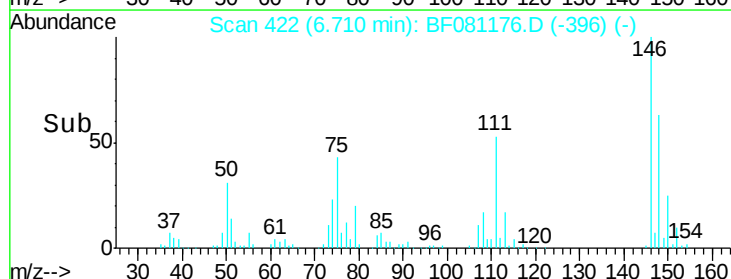
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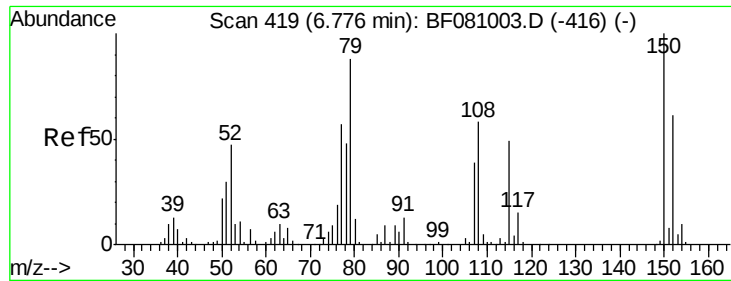


#14
 1,2-Dichlorobenzene
 Concen: 33.90 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	48.7	73.1
111	52.8	42.3	63.5





#15

Benzyl Alcohol

Concen: 34.76 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB85151BS

Tgt Ion: 79 Resp: 163323

Ion Ratio Lower Upper

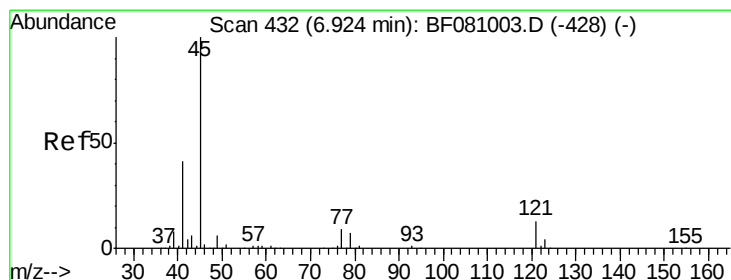
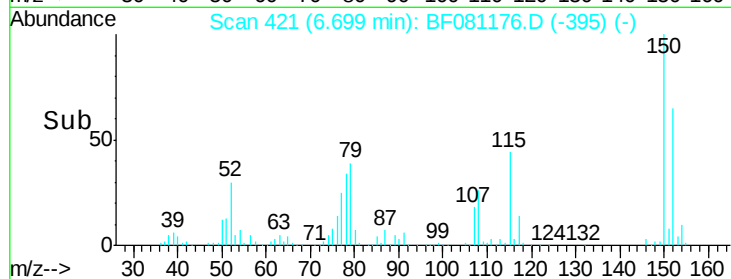
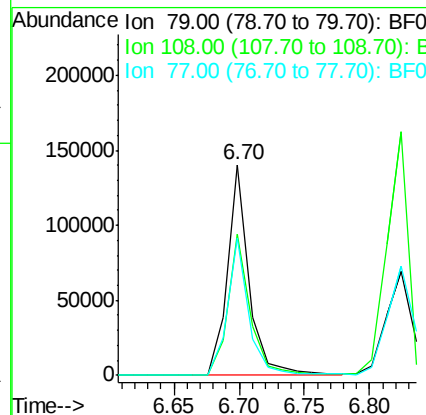
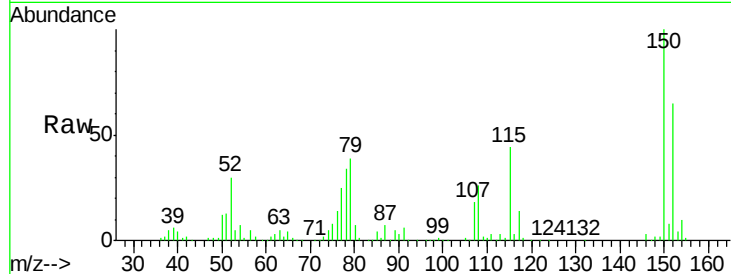
79 100

108 67.2 49.4 74.2

77 64.9 51.4 77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.85 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

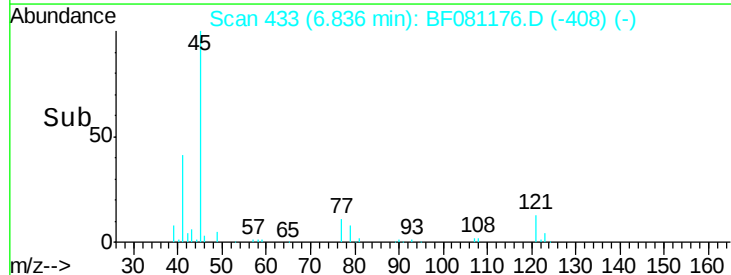
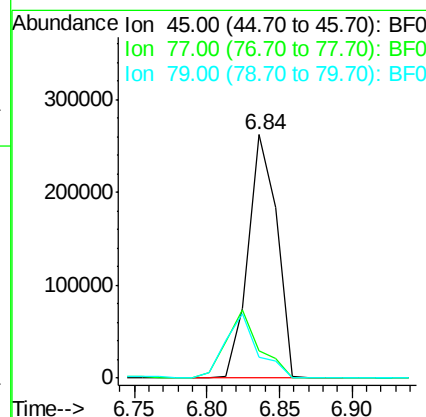
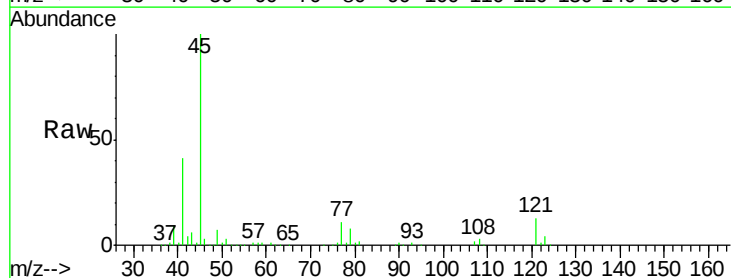
Tgt Ion: 45 Resp: 360409

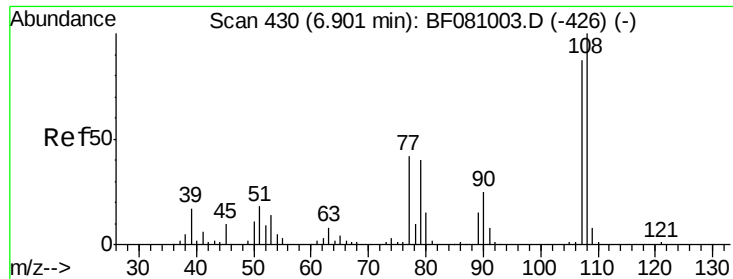
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

79 8.5 0.0 28.0





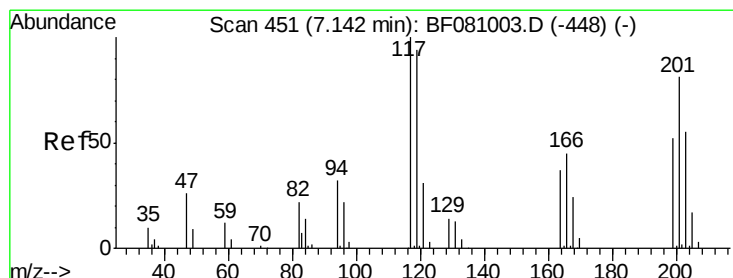
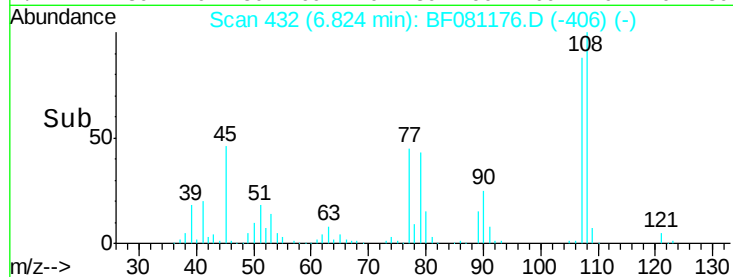
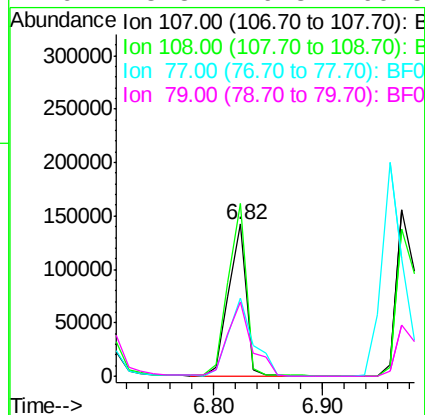
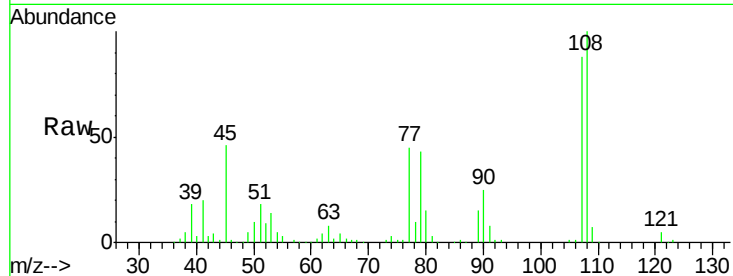
#17
2-Methylphenol
Concen: 38.57 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	161225		
108	113.9	90.4	135.6	
77	51.3	46.5	69.7	
79	48.8	46.3	69.5	

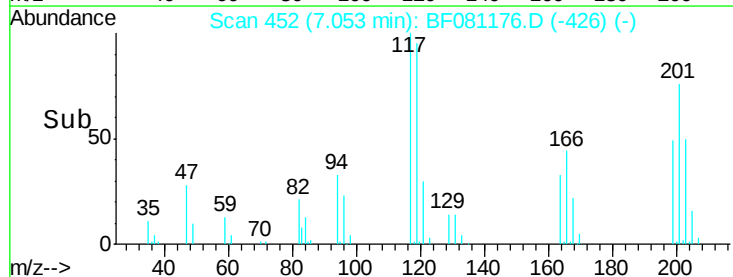
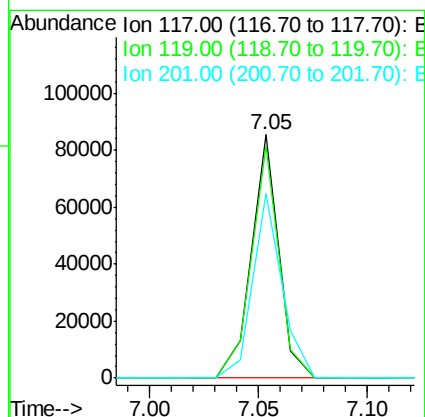
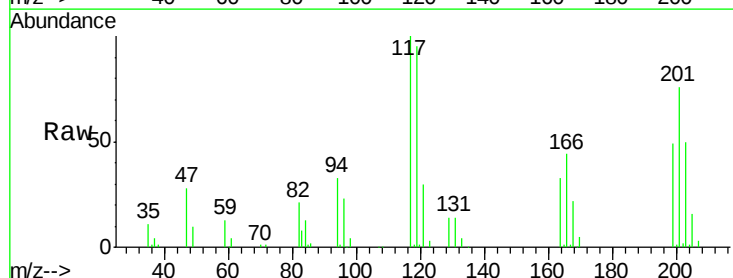
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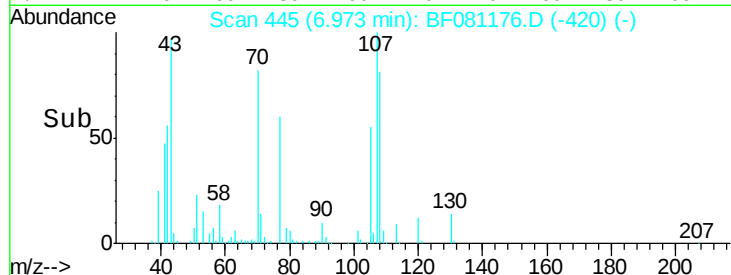
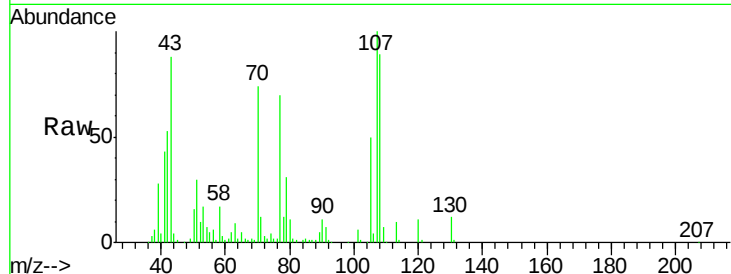
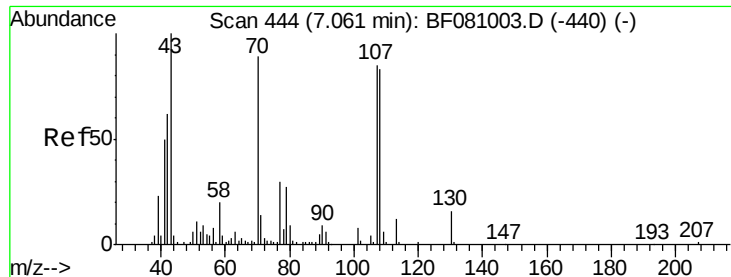
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#18
Hexachloroethane
Concen: 35.54 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74436		
119	95.3	77.9	116.9	
201	75.7	61.3	91.9	





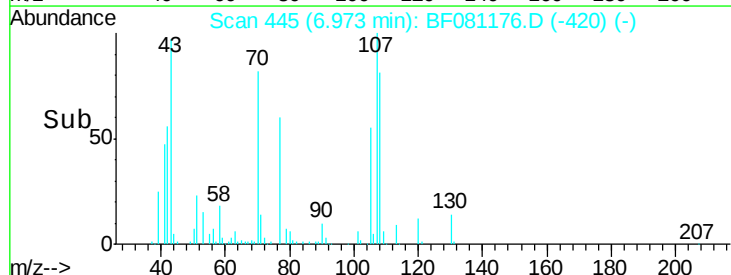
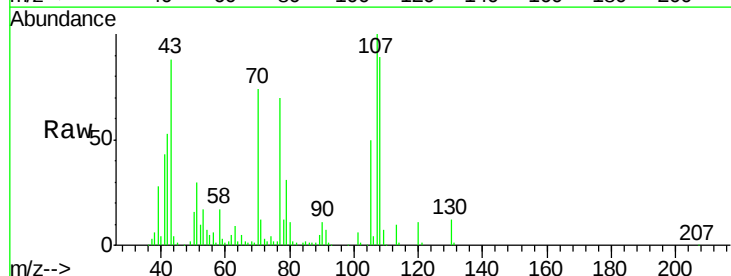
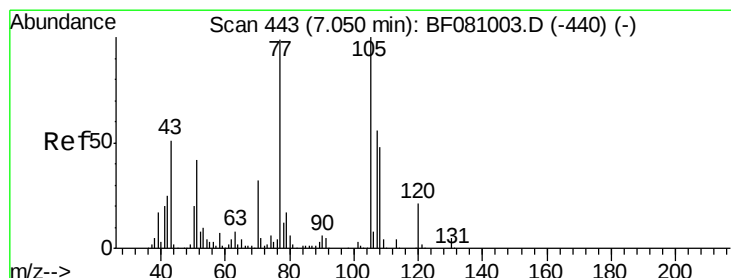
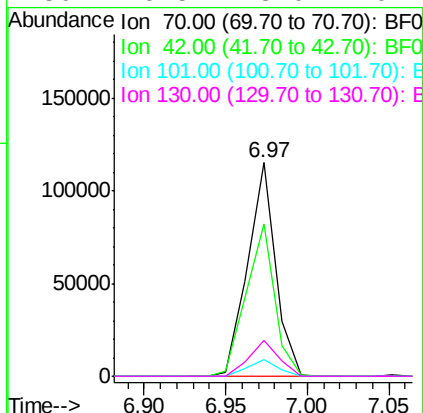
#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Manual Integrations
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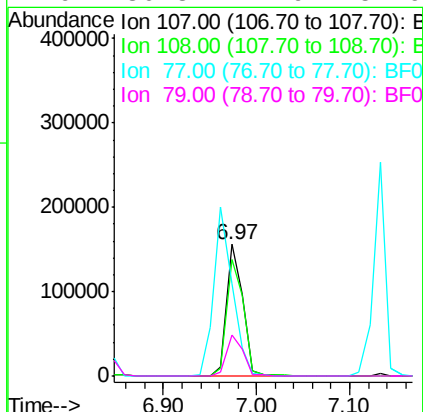
MMDadoda
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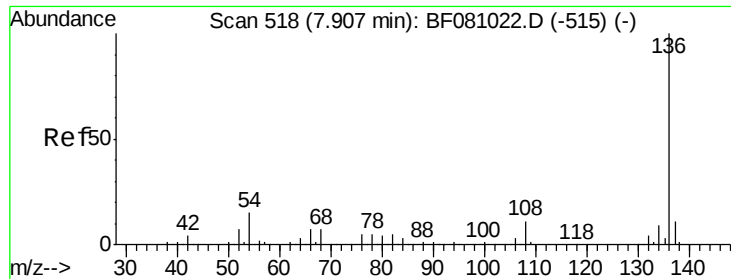
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	71.4	65.0	97.4	
101	8.1	7.4	11.2	
130	16.5	13.0	19.4	



#20
3+4-Methylphenols
Concen: 35.81 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.6	66.1	106.1	
77	70.5	139.3	179.3	
79	30.8	11.9	51.9	





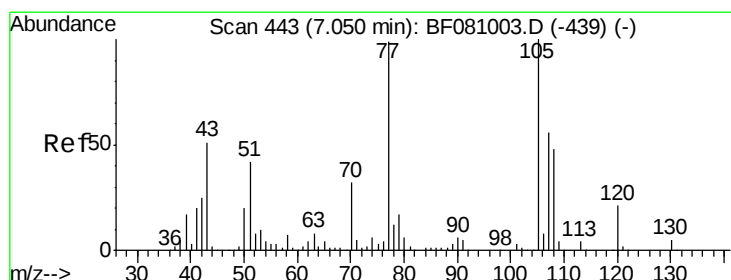
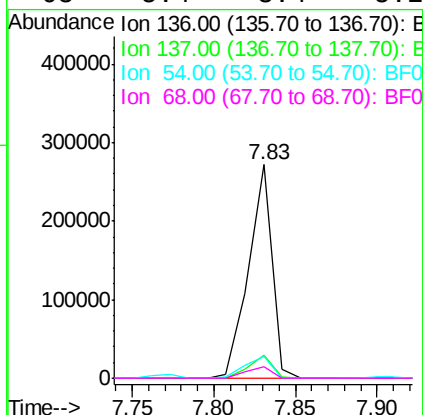
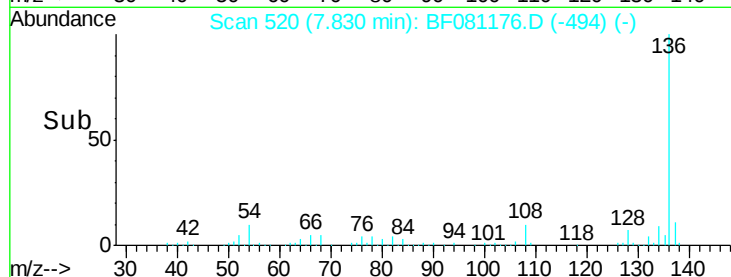
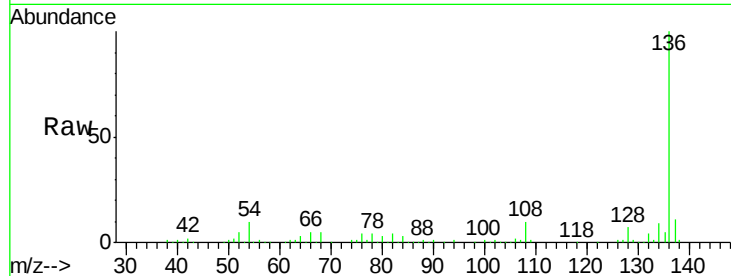
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	271396		
137	10.6	8.2	12.2	
54	10.2	7.7	11.5	
68	5.4	3.4	5.2#	

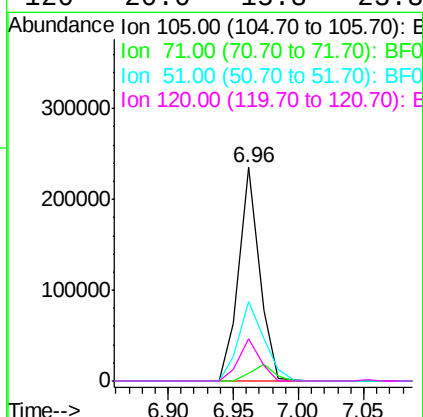
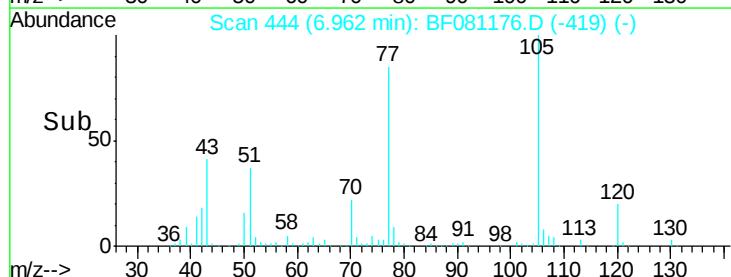
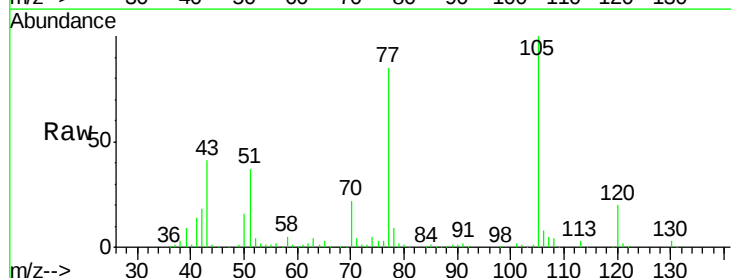
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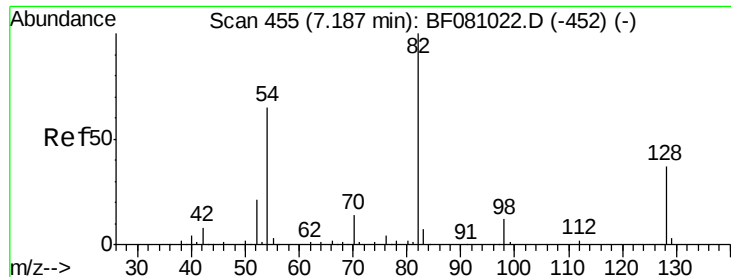
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#22
Acetophenone
Concen: 36.65 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261156		
71	3.8	3.0	4.6	
51	37.2	39.8	59.8#	
120	20.0	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 71.61 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

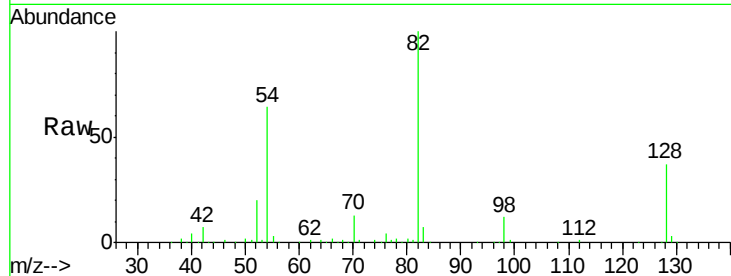
ClientSampleId :

PB85151BS

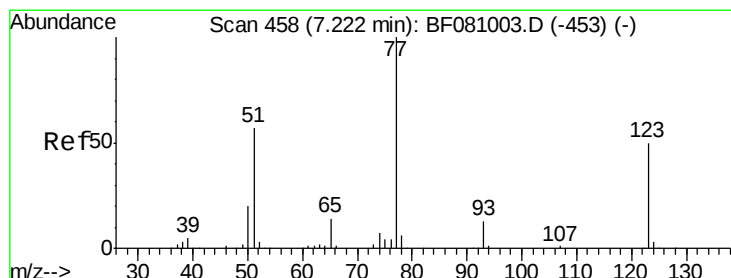
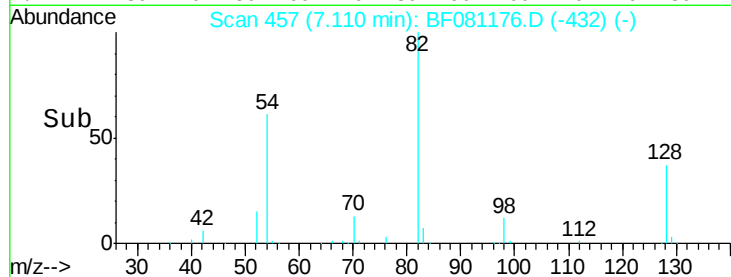
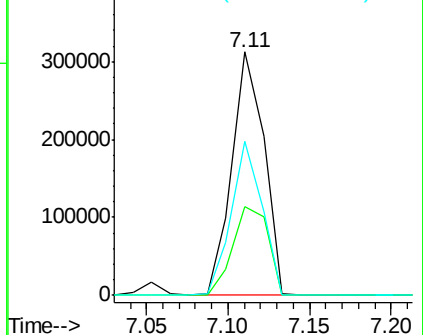
Tgt Ion:	82	Resp:	425456
Ion Ratio		Lower	Upper
82	100		
128	36.5	28.6	42.8
54	63.5	55.1	82.7

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



#24

Nitrobenzene

Concen: 36.22 ng

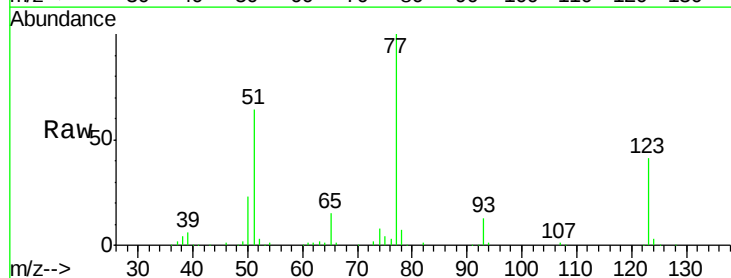
RT: 7.13 min Scan# 459

Delta R.T. -0.00 min

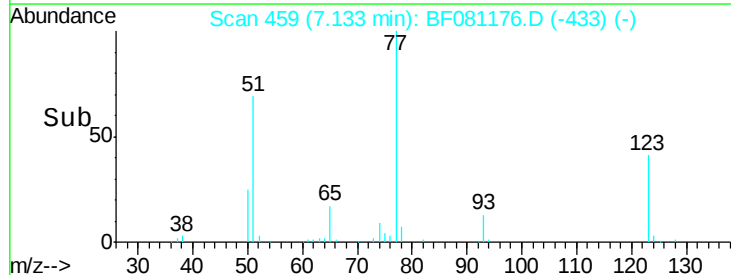
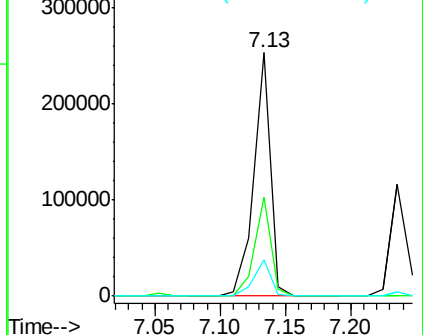
Lab File: BF081176.D

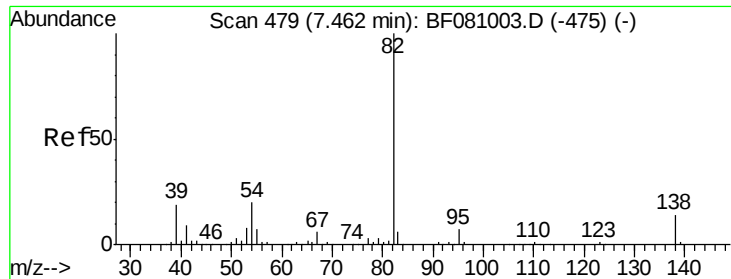
Acq: 24 Aug 2015 18:58

Tgt Ion:	77	Resp:	225010
Ion Ratio		Lower	Upper
77	100		
123	40.8	32.9	49.3
65	14.9	12.5	18.7



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





#25

Isophorone

Concen: 34.20 ng

RT: 7.37 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

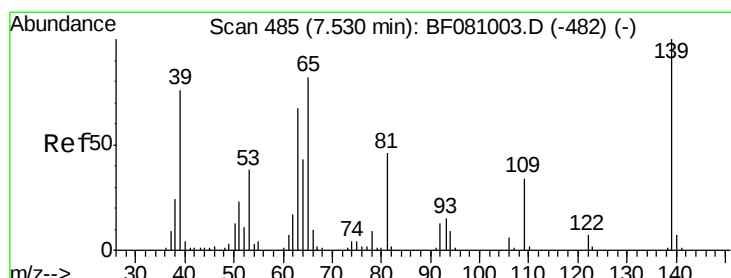
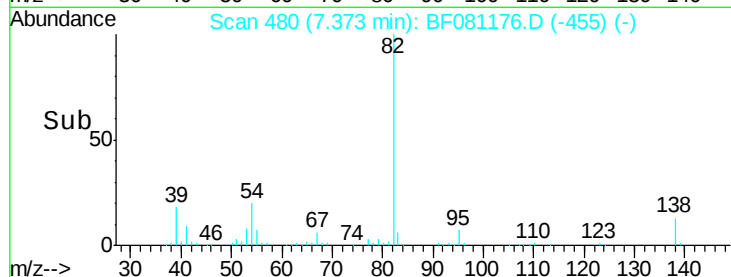
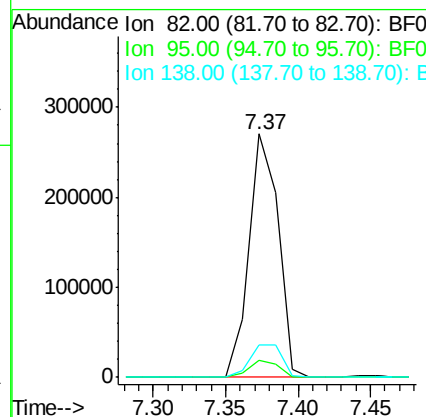
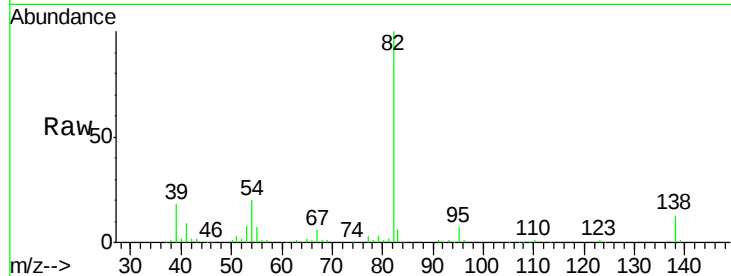
ClientSampleId :

PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	378907		
95	6.8	6.2	9.2	
138	13.3	10.5	15.7	

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#26

2-Nitrophenol

Concen: 39.55 ng

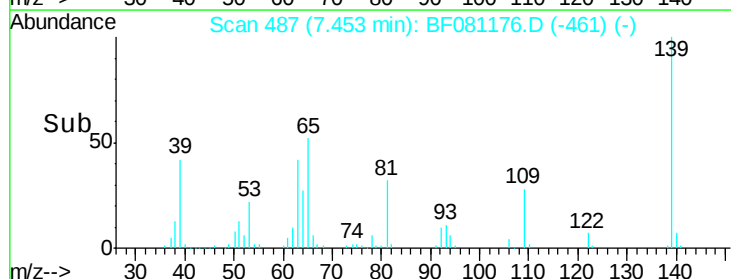
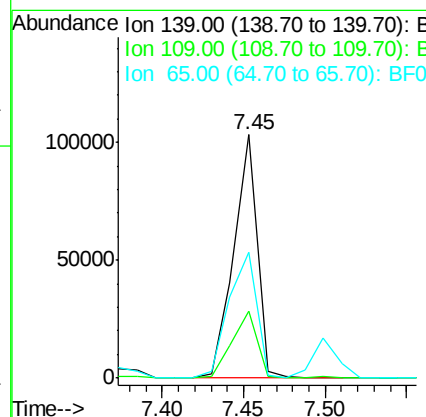
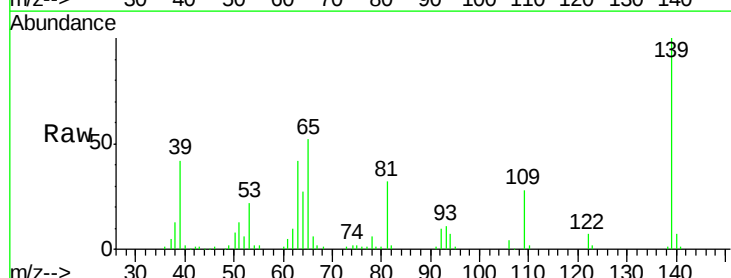
RT: 7.45 min Scan# 487

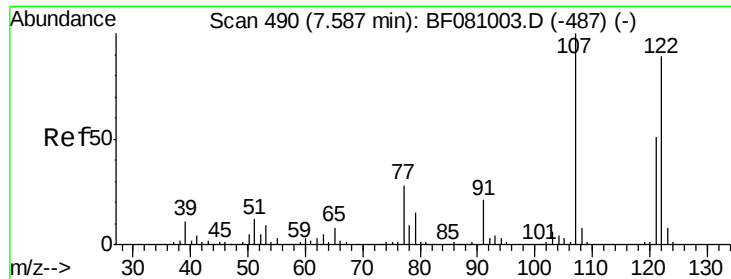
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102178		
109	27.8	32.1	48.1#	
65	51.9	69.9	104.9#	





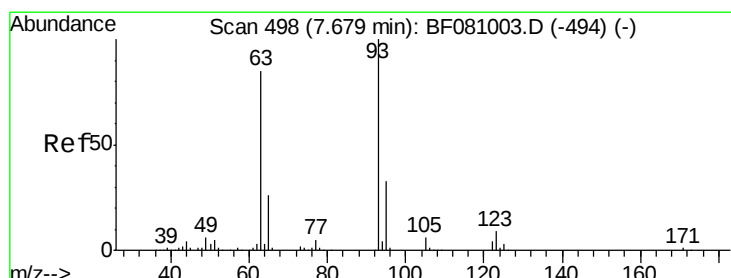
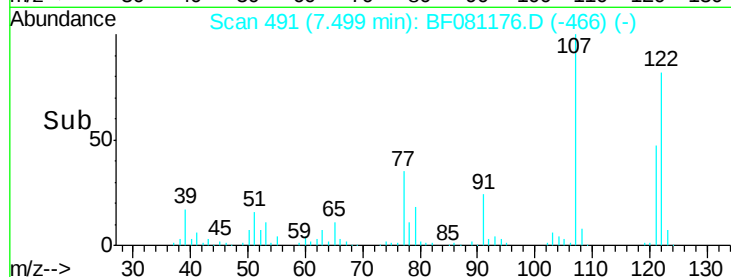
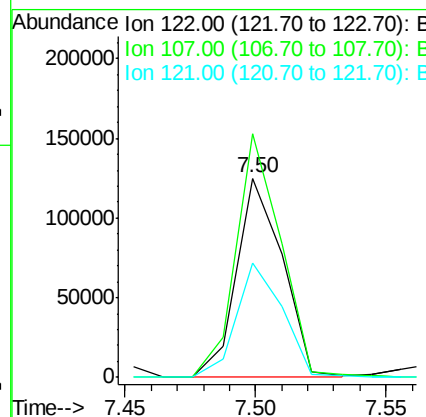
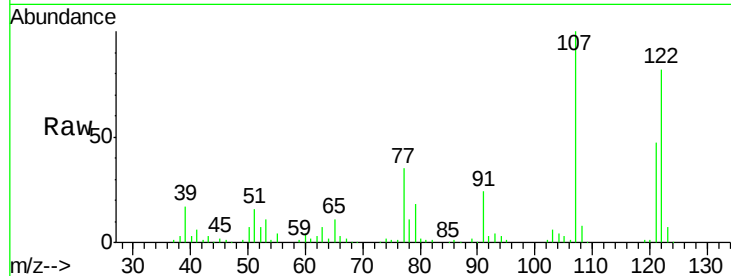
#27
 2,4-Dimethylphenol
 Concen: 34.01 ng
 RT: 7.50 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	155426		
107	122.4	103.8	155.6	
121	57.5	47.0	70.4	

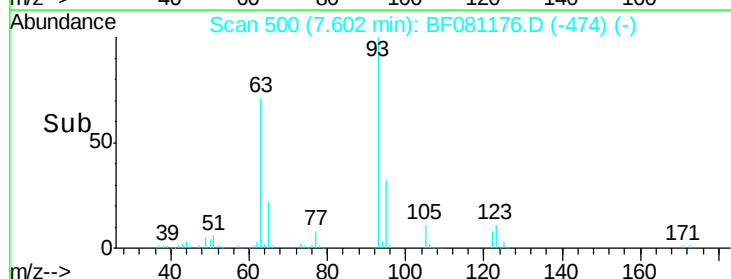
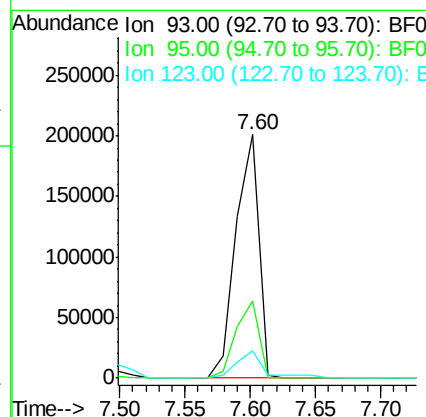
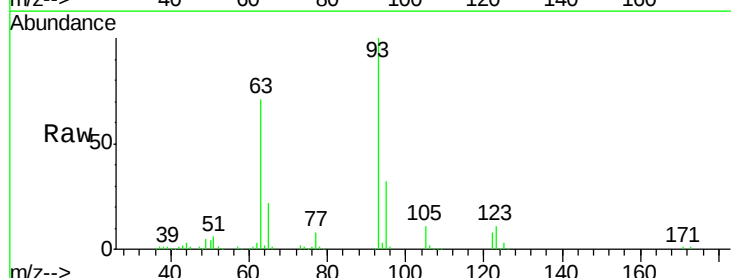
Manual Integrations
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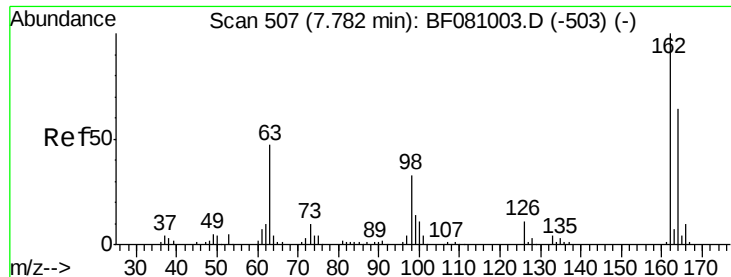
MMDadoda
 8/25/2015 12:38:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.41 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244872		
95	31.7	25.8	38.8	
123	11.3	7.4	11.0#	





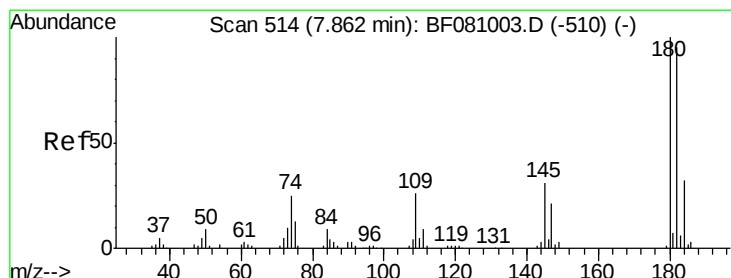
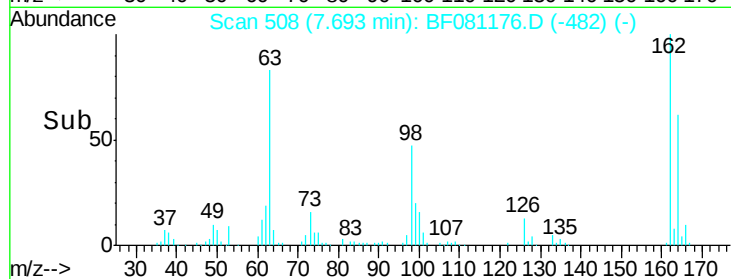
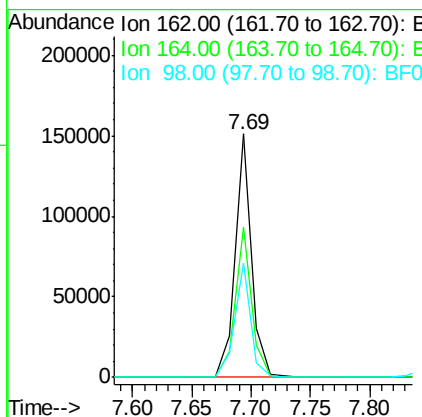
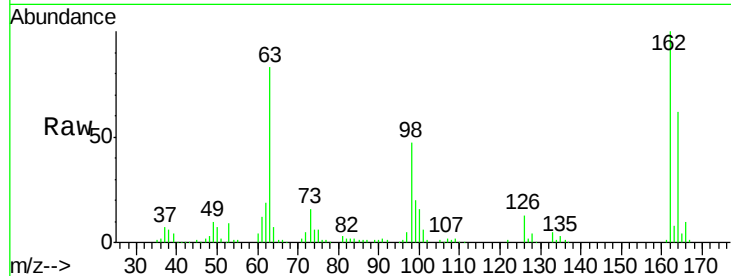
#29
 2,4-Dichlorophenol
 Concen: 37.79 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.8	43.2	83.2
98	46.8	12.3	52.3

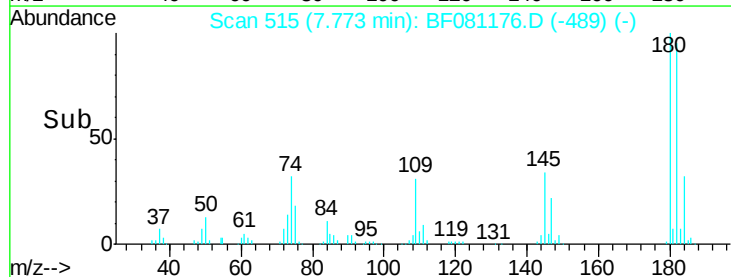
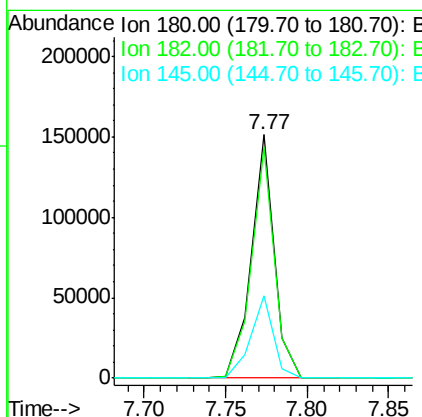
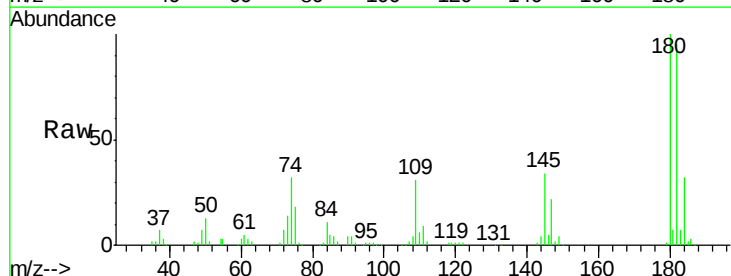
Manual Integrations
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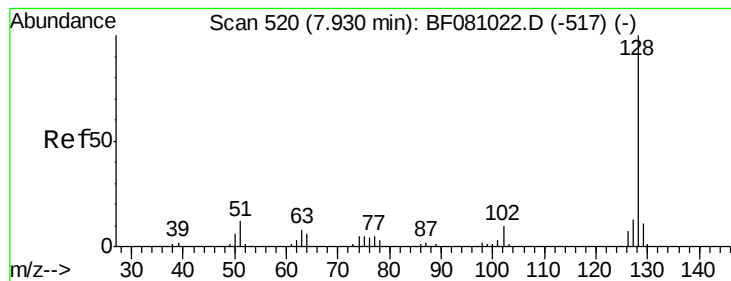
MMDadoda
 8/25/2015 12:38:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.56 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	76.4	114.6
145	33.9	25.4	38.2





#31

Naphthalene

Concen: 35.94 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

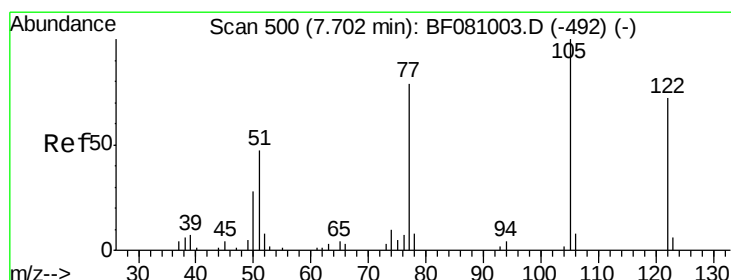
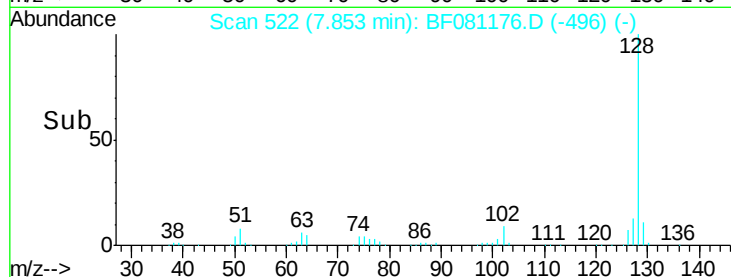
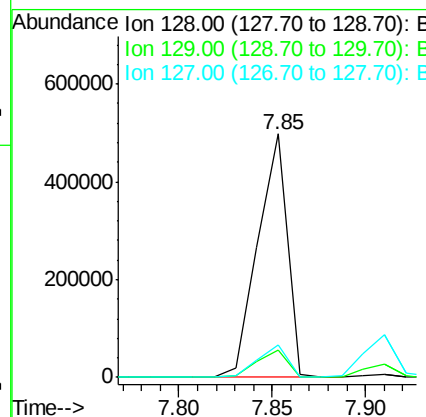
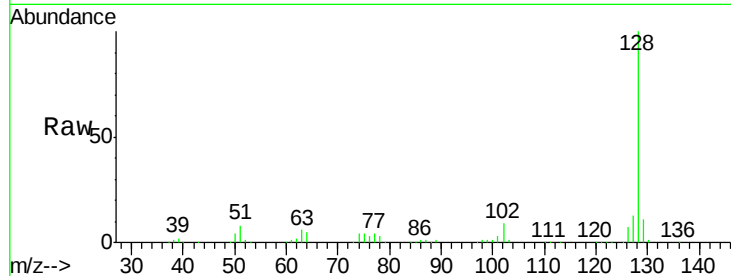
ClientSampleId :

PB85151BS

Tgt Ion:	128	Resp:	543785
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.1	10.6	16.0

Manual Integrations
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#32

Benzoic acid

Concen: 44.10 ng

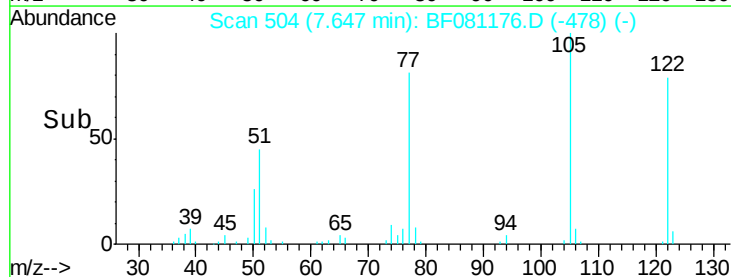
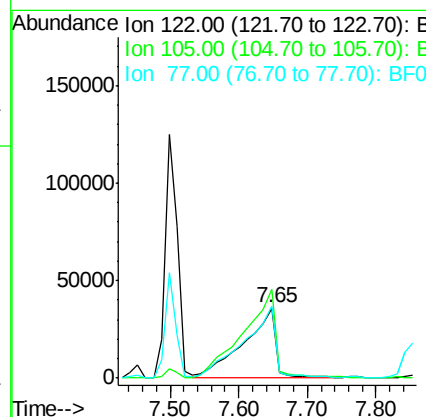
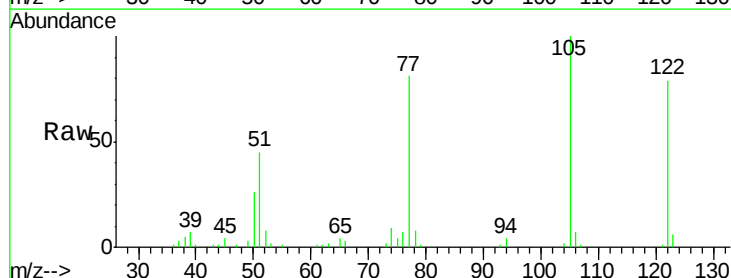
RT: 7.65 min Scan# 504

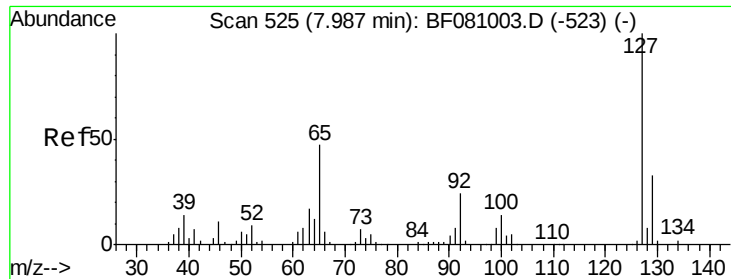
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	122	Resp:	113356
Ion Ratio	Lower	Upper	
122	100		
105	126.9	113.8	153.8
77	102.5	93.8	133.8





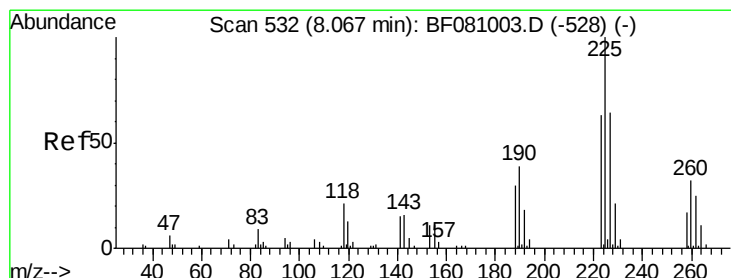
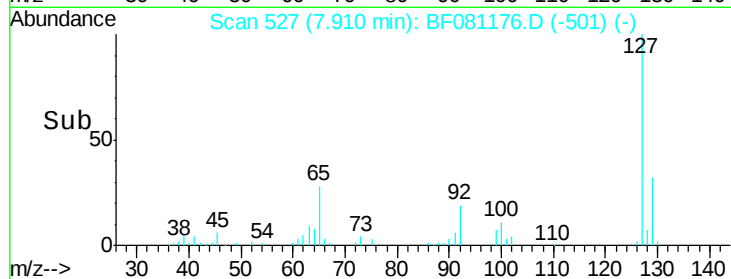
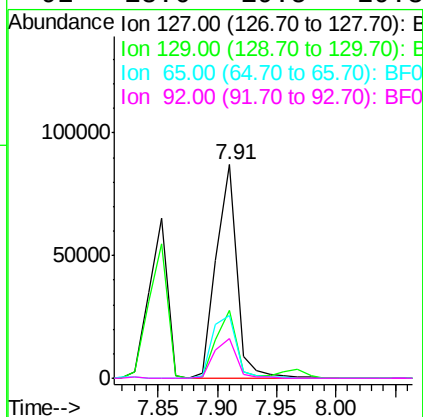
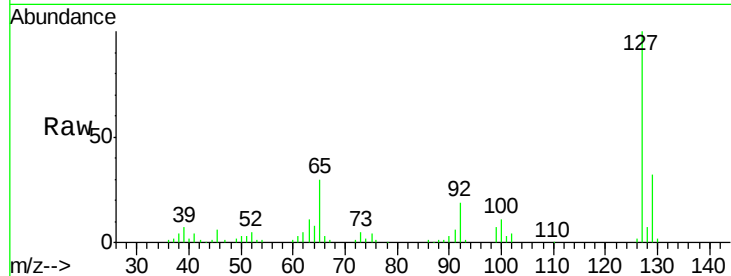
#33
 4-Chloroaniline
 Concen: 16.45 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	104999		
129	31.9	25.2	37.8	
65	29.6	37.8	56.6	
92	18.6	19.5	29.3	

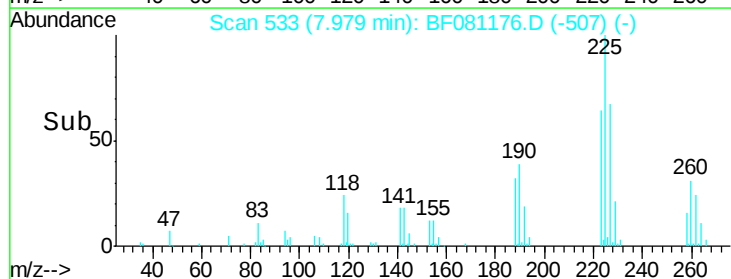
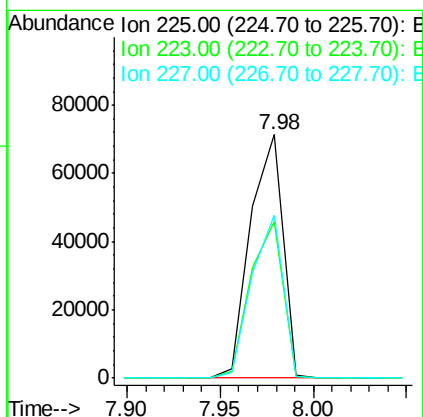
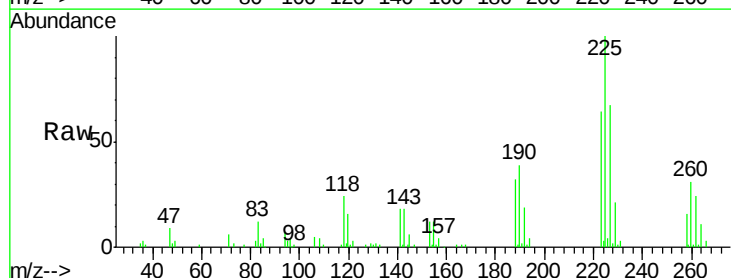
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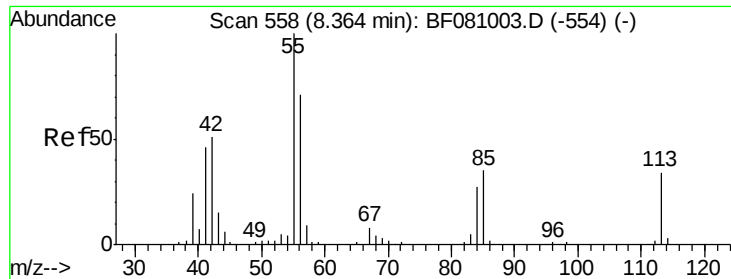
MMDadoda
 8/25/2015 12:38:50 PM



#34
 Hexachlorobutadiene
 Concen: 35.58 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86039		
223	64.4	52.6	79.0	
227	66.8	51.1	76.7	





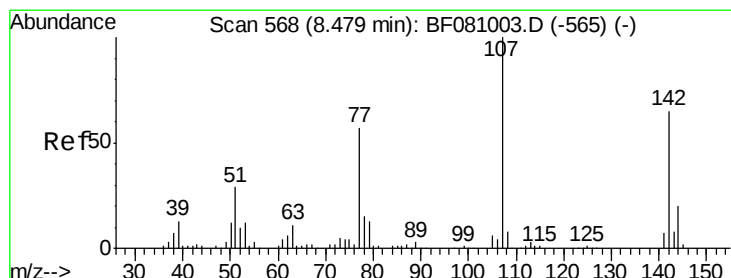
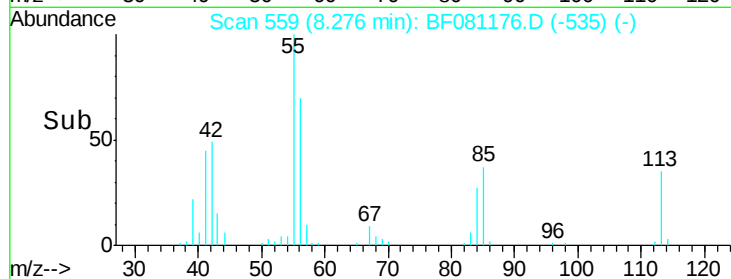
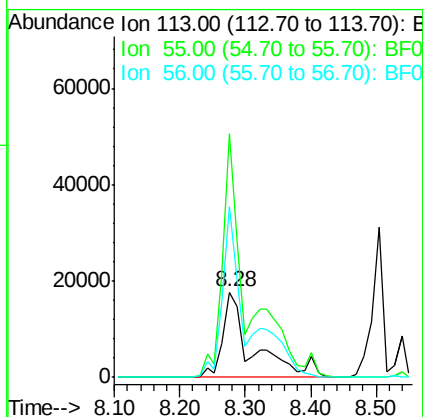
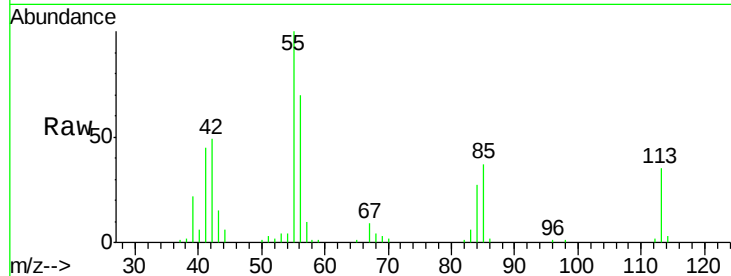
#35
 Caprolactam
 Concen: 40.76 ng m
 RT: 8.28 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	285.0	280.4	320.4
56	199.1	205.9	245.9

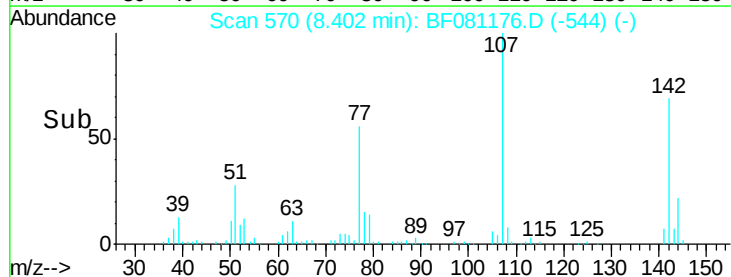
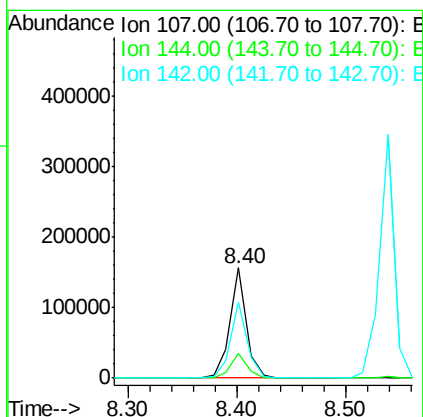
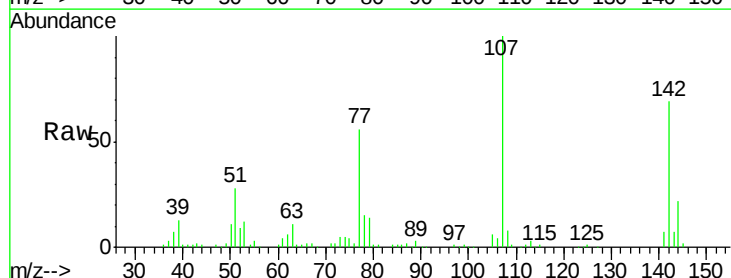
Manual Integrations
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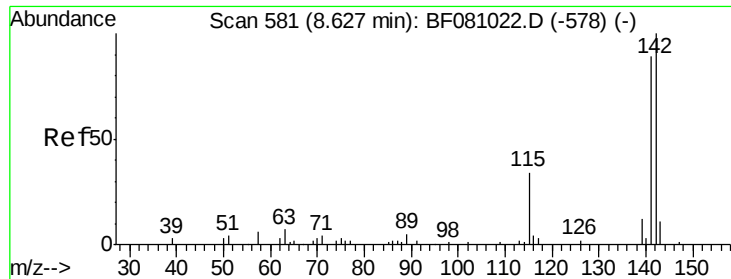
MMDadoda
 8/25/2015 12:38:50 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.57 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

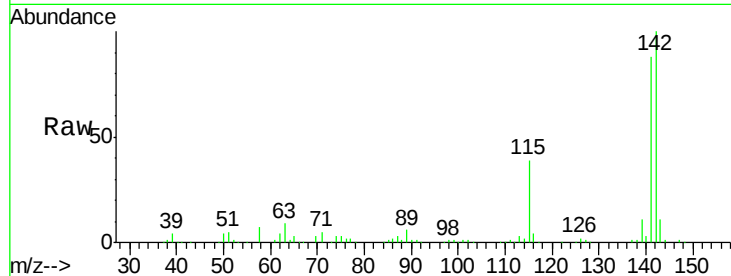
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	17.2	25.8
142	69.1	54.9	82.3





#37
 2-Methylnaphthalene
 Concen: 34.92 ng
 RT: 8.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

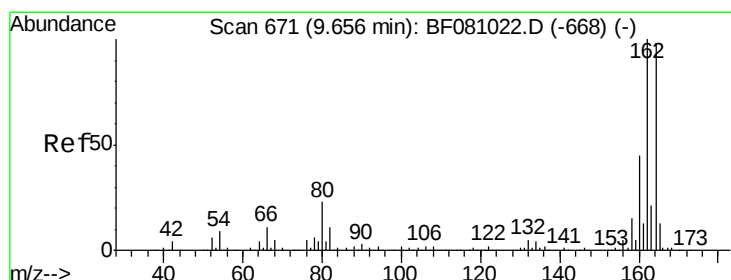
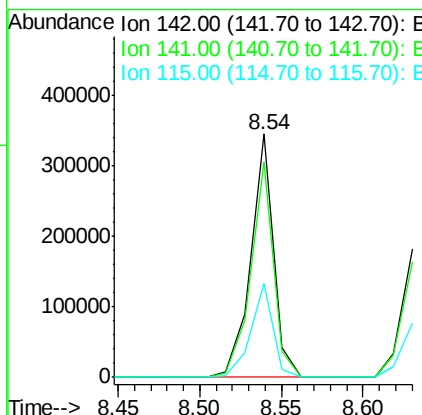
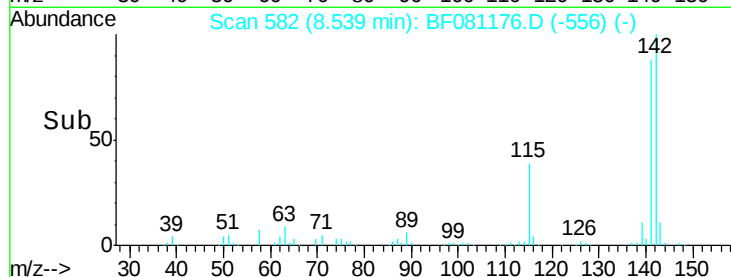
Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS



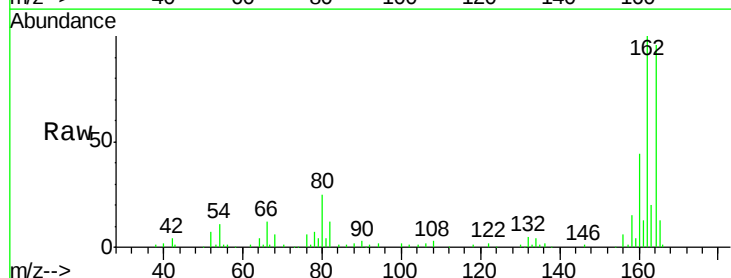
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	333655		
141	88.5	71.4	107.2	
115	38.5	33.4	50.0	

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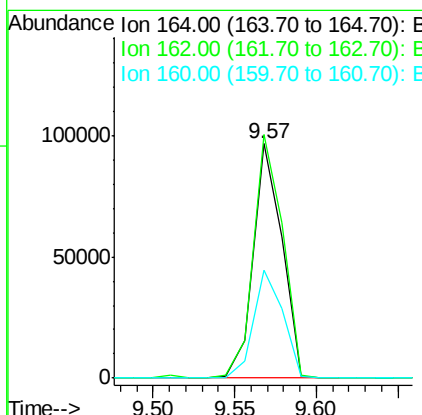
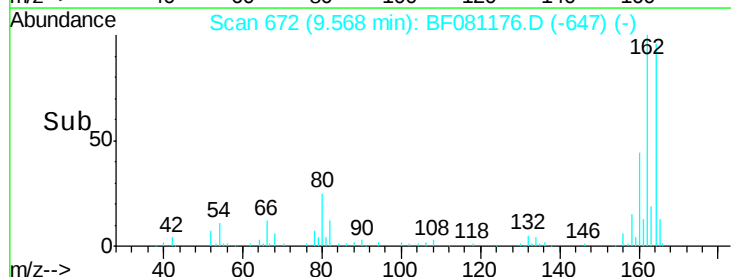
MMDadoda
 8/25/2015 12:38:50 PM

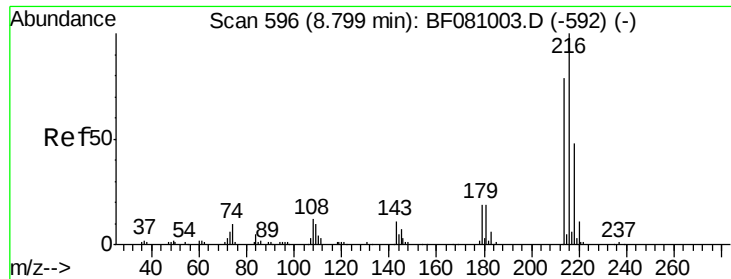


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	117917		
162	103.8	83.8	125.8	
160	45.7	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.20 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

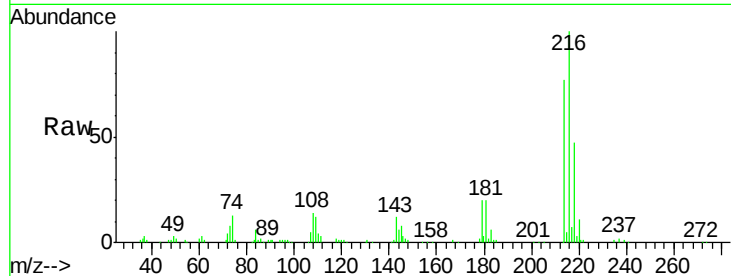
ClientSampleId :

PB85151BS

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8/25/2015 12:38:50 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	145313		
214	77.9	63.8	95.8	
179	21.7	17.8	26.8	
108	21.9	16.2	24.2	

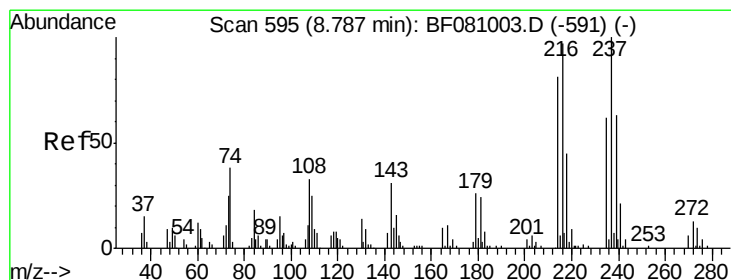
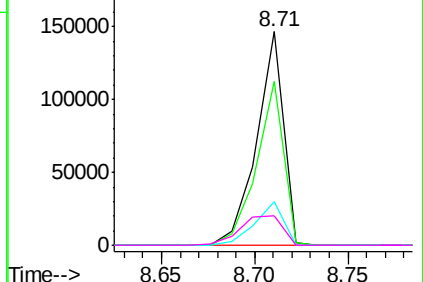
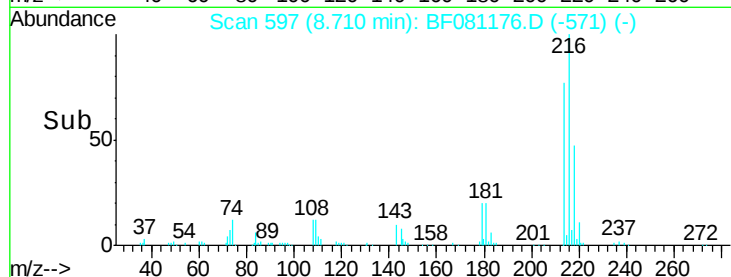


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.94 ng

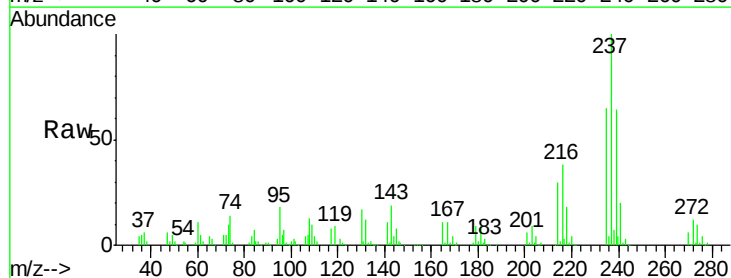
RT: 8.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

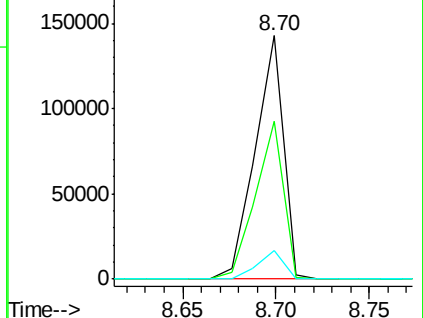
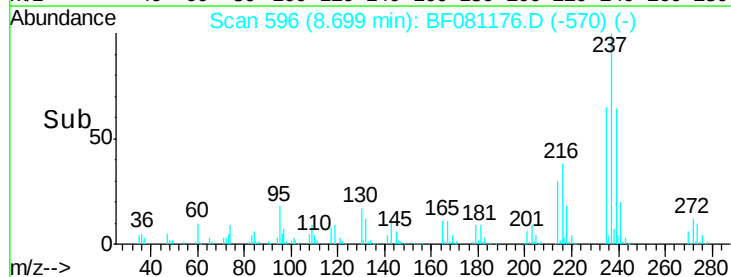
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	149544		
235	64.6	43.6	83.6	
272	11.7	0.0	32.2	

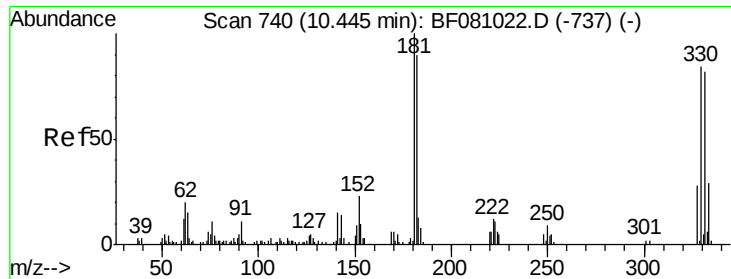


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 102.36 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081176.D

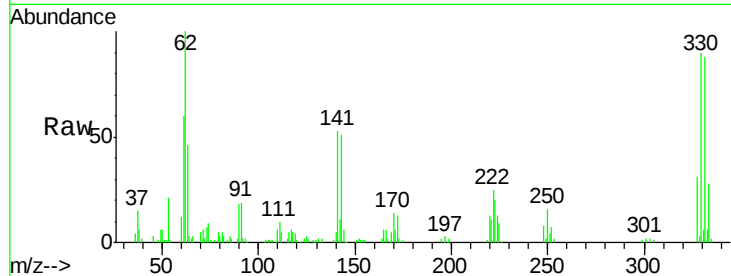
Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

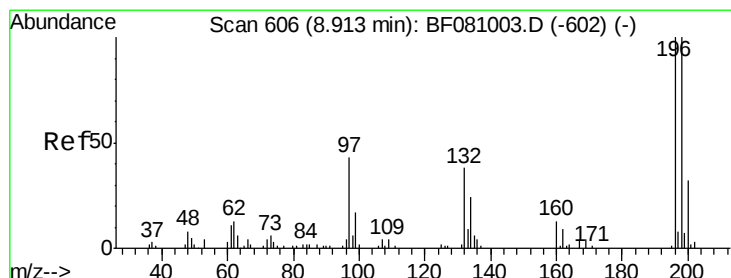
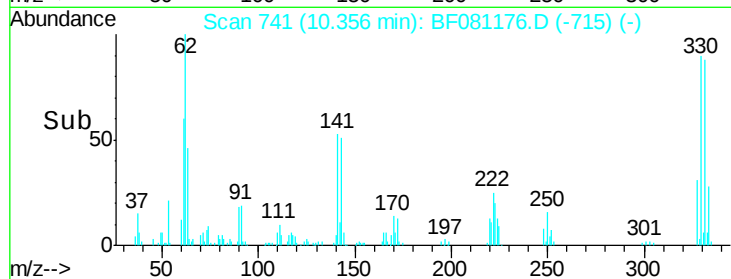
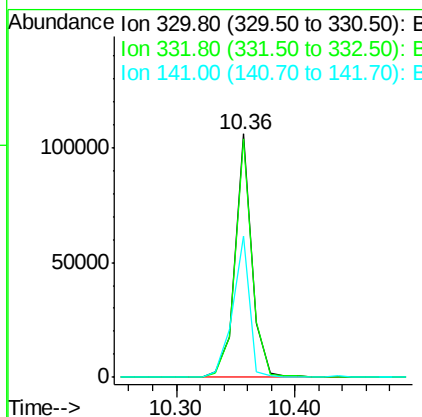
PB85151BS



Tgt Ion:	330	Resp:	104632
Ion Ratio	Lower	Upper	
330	100		
332	99.0	77.3	115.9
141	57.8	44.9	67.3

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 39.96 ng

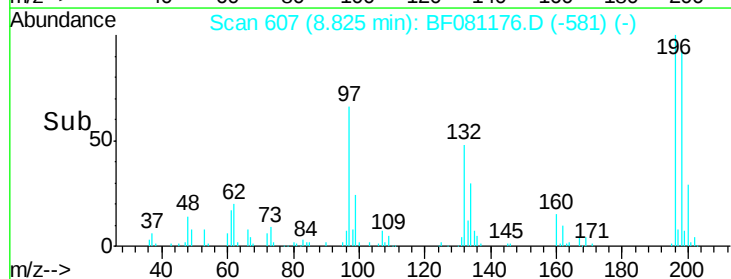
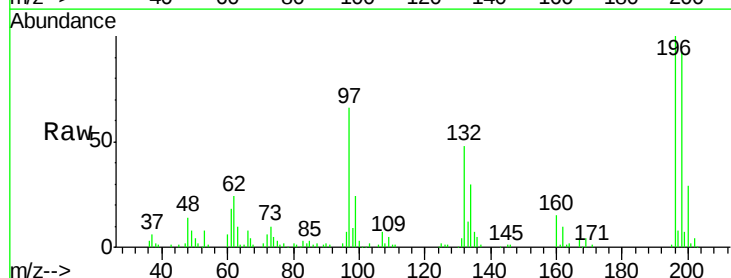
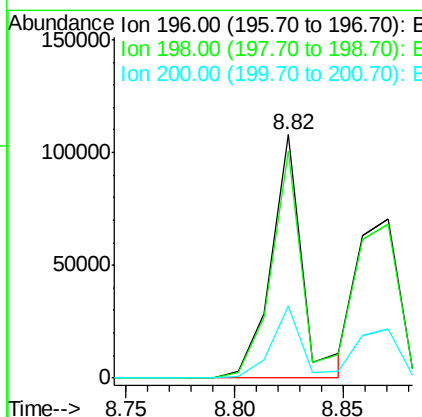
RT: 8.82 min Scan# 607

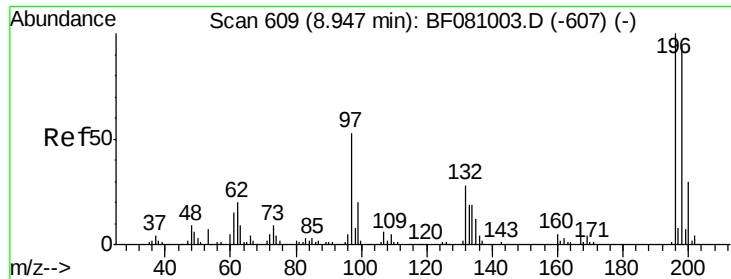
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

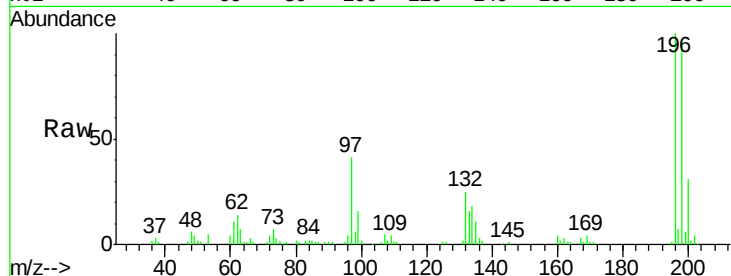
Tgt Ion:	196	Resp:	107397
Ion Ratio	Lower	Upper	
196	100		
198	93.0	74.6	111.8
200	29.5	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 36.27 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

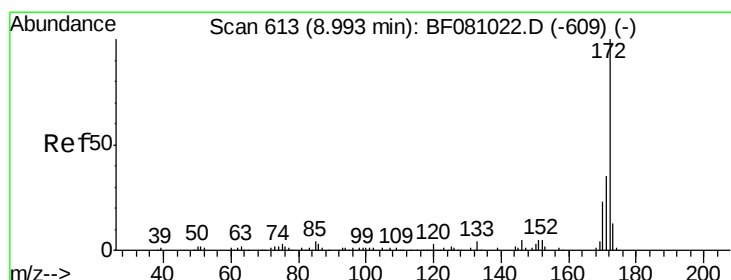
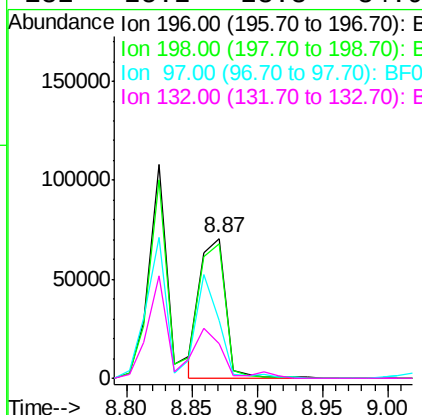
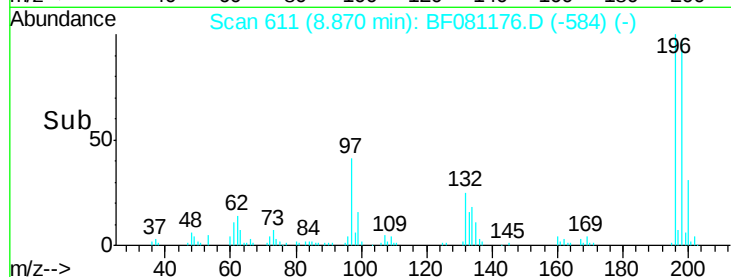
Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97439		
198	96.5	78.3	117.5	
97	41.1	42.7	64.1#	
132	25.2	23.3	34.9	

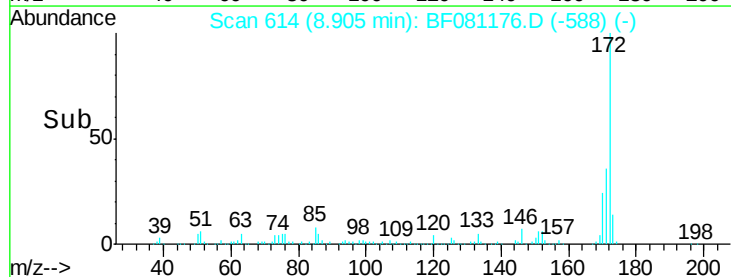
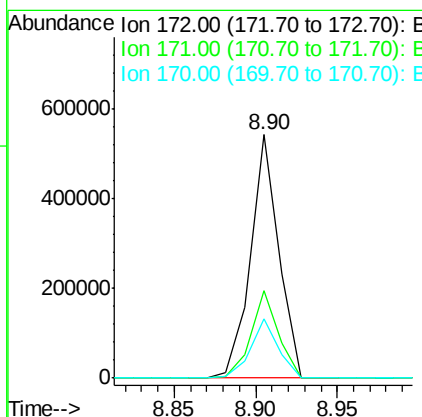
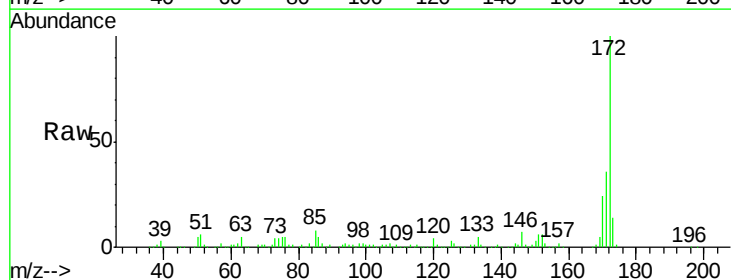
Manual Integrations
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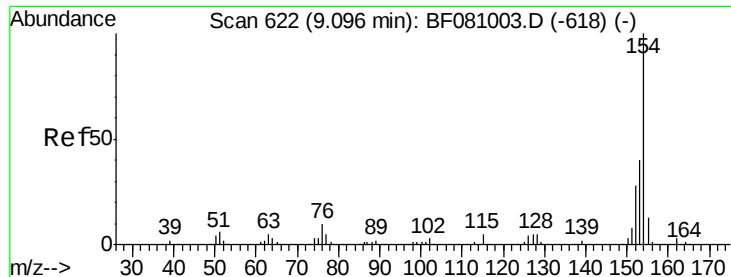
MMDadoda
 8/25/2015 12:38:50 PM



#44
 2-Fluorobiphenyl
 Concen: 71.98 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	647785		
171	35.9	28.9	43.3	
170	24.5	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 41.36 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

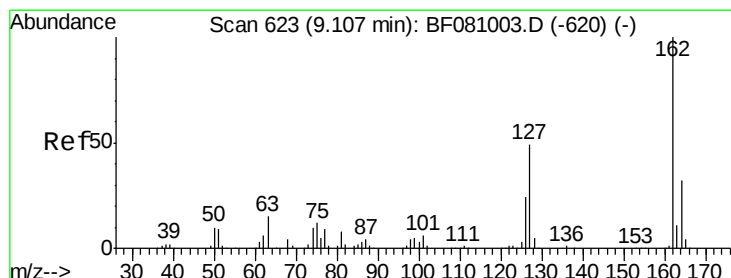
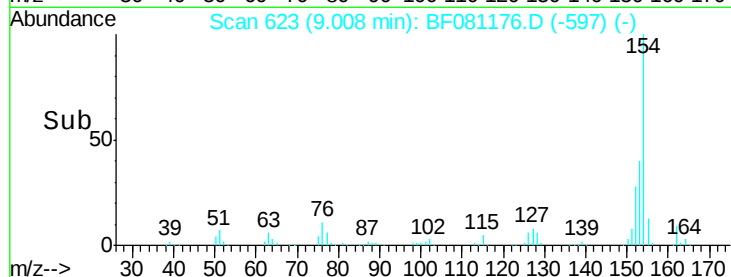
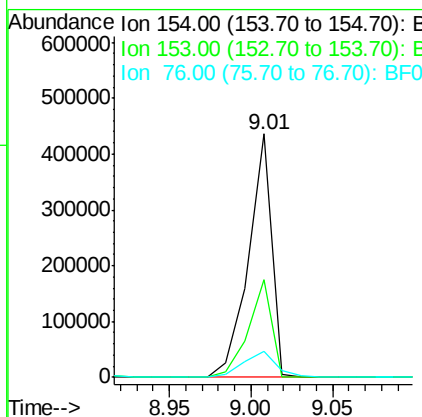
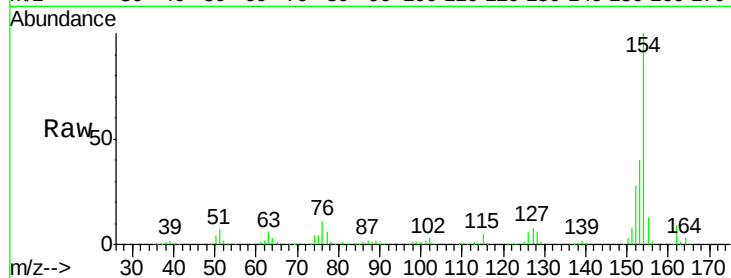
ClientSampled :

PB85151BS

Tgt Ion:	154	Resp:	429590
Ion Ratio	Lower	Upper	
154	100		
153	40.0	19.5	59.5
76	10.8	0.0	29.3

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#46

2-Chloronaphthalene

Concen: 34.80 ng

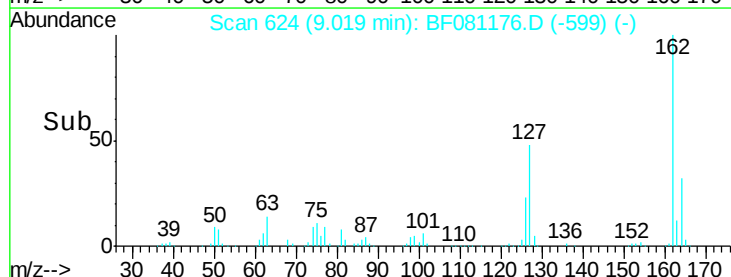
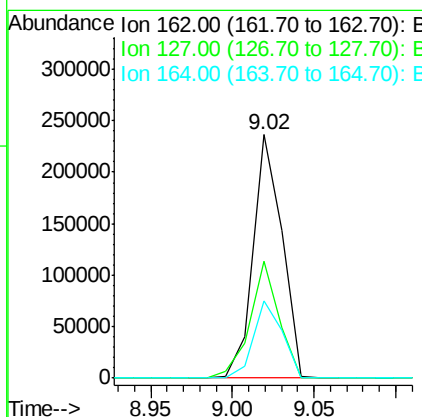
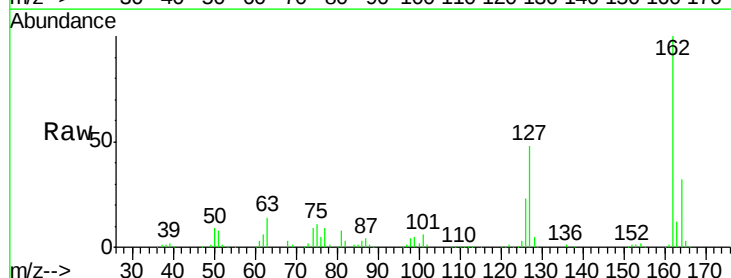
RT: 9.02 min Scan# 624

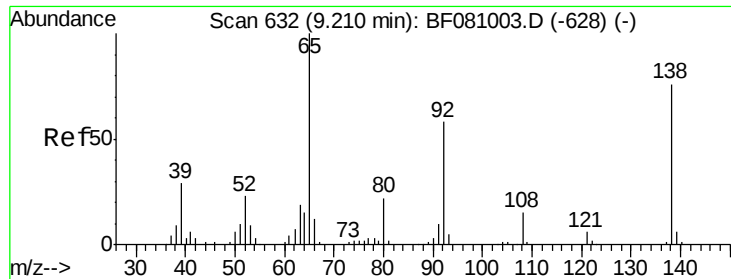
Delta R.T. -0.01 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	162	Resp:	290384
Ion Ratio	Lower	Upper	
162	100		
127	47.8	31.3	46.9#
164	31.9	26.3	39.5





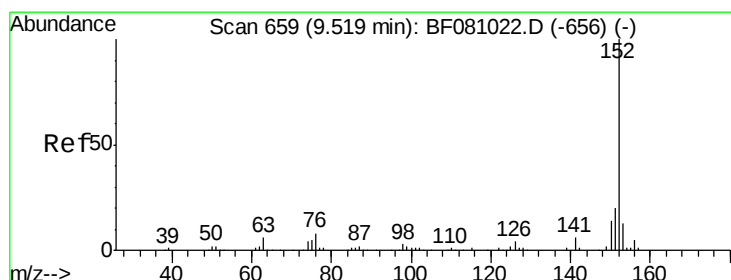
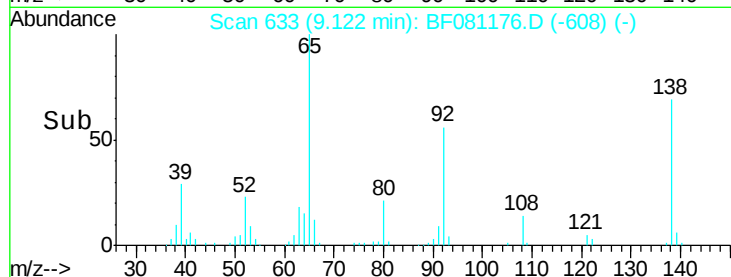
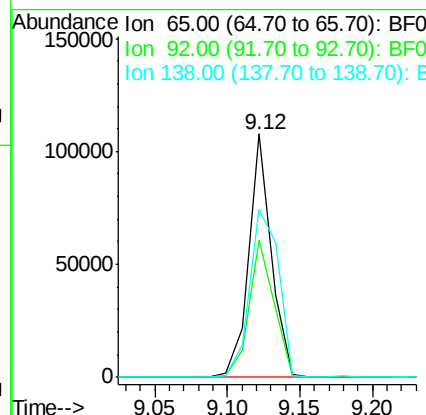
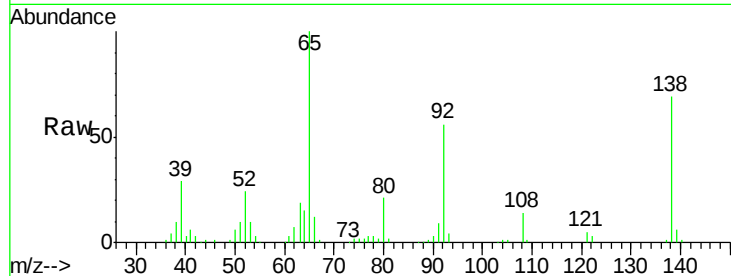
#47
 2-Nitroaniline
 Concen: 33.93 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	56.2	45.6	68.4
138	69.1	57.9	86.9

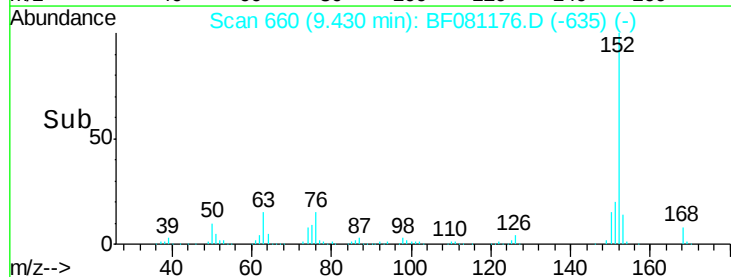
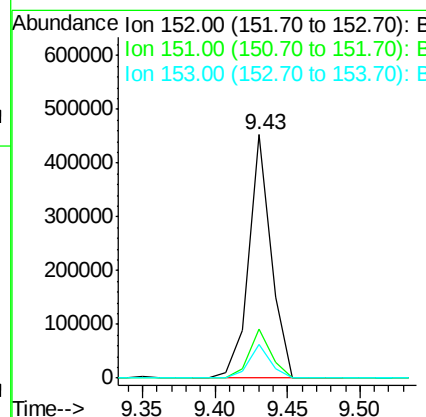
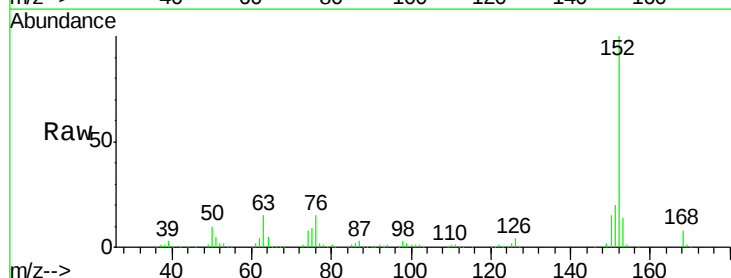
Manual Integrations
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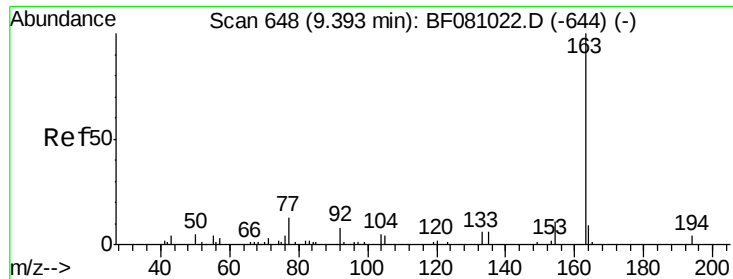
MMDadoda
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#48
 Acenaphthylene
 Concen: 32.33 ng
 RT: 9.43 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.1	16.1	24.1
153	13.7	9.8	14.6





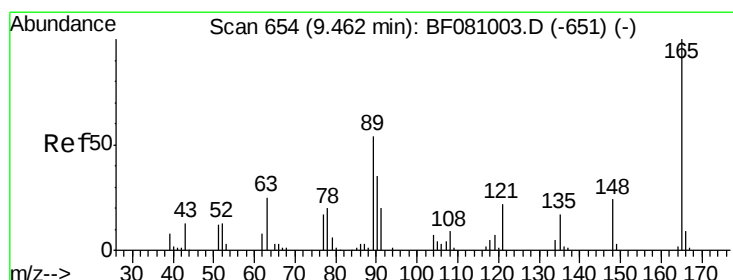
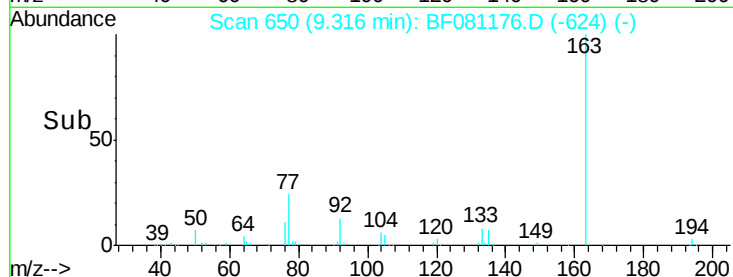
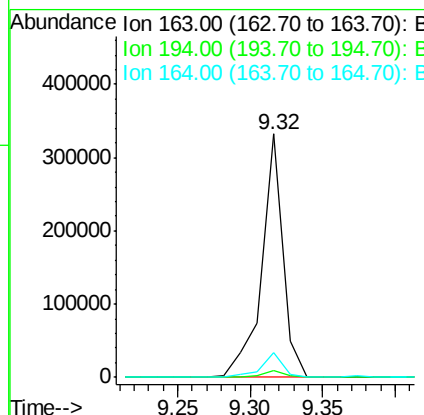
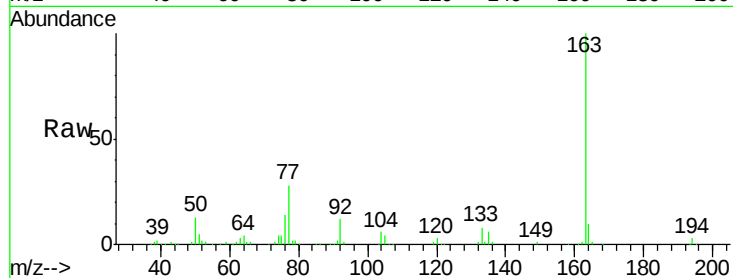
#49
Dimethylphthalate
Concen: 34.65 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.5	3.7
164	10.3	8.1	12.1

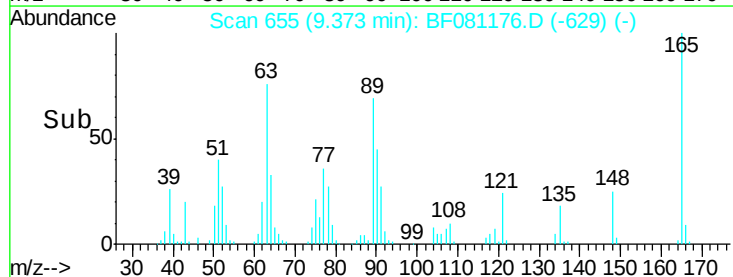
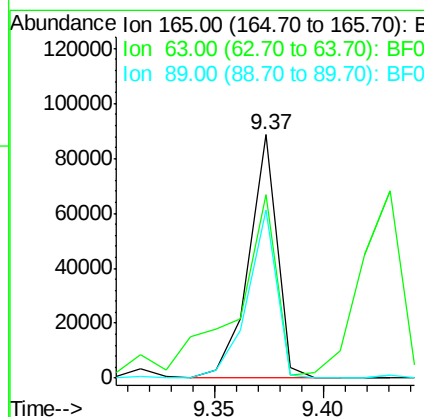
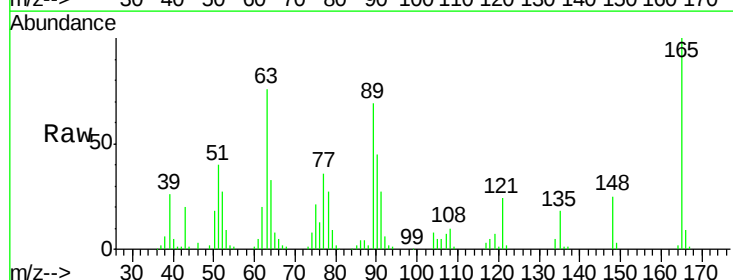
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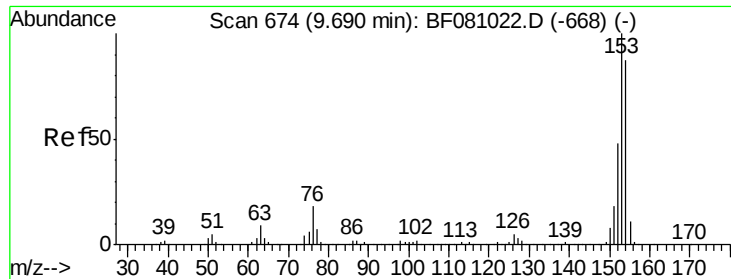
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#50
2,6-Dinitrotoluene
Concen: 38.63 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	75.5	49.5	74.3#
89	68.9	47.6	71.4





#51

Acenaphthene

Concen: 32.42 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081176.D

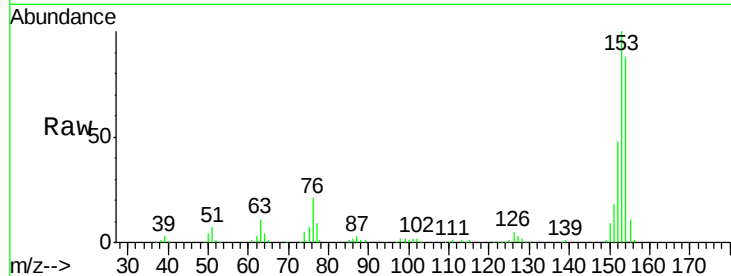
Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

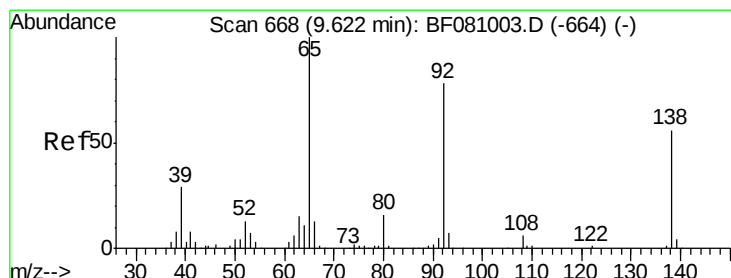
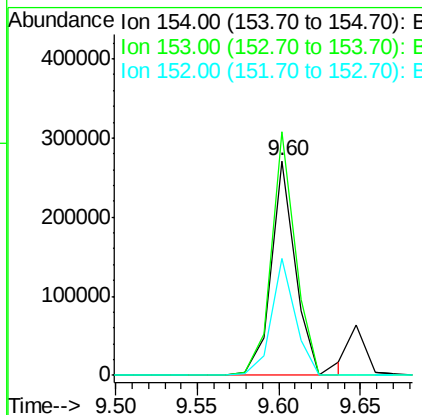
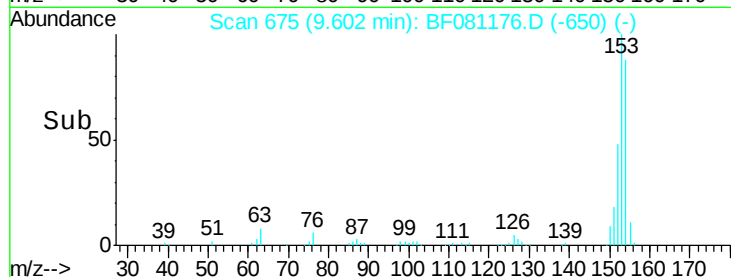
PB85151BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	289694		
153	113.7	91.4	137.2	
152	54.3	43.7	65.5	

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#52

3-Nitroaniline

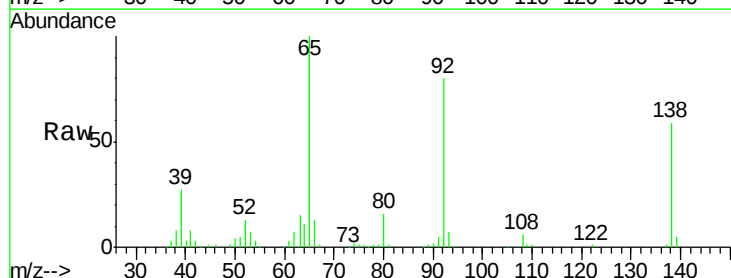
Concen: 21.07 ng

RT: 9.53 min Scan# 669

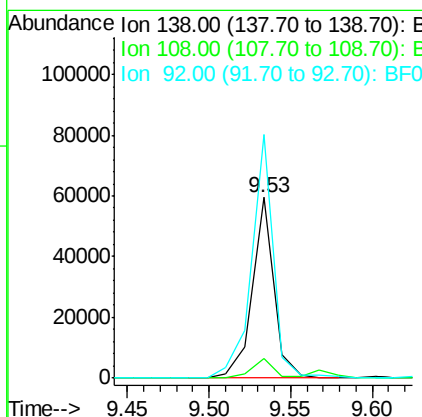
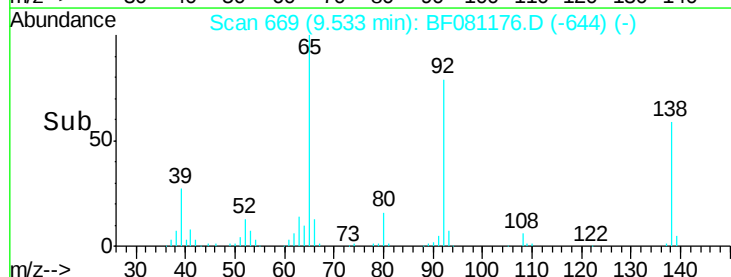
Delta R.T. -0.01 min

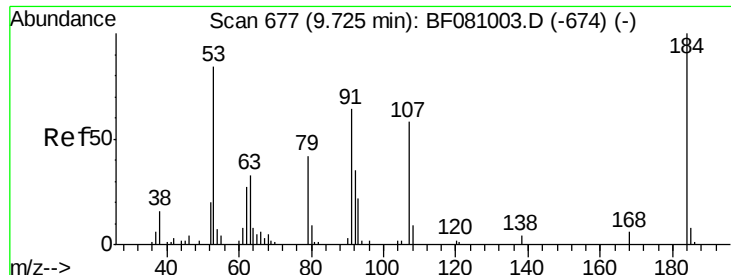
Lab File: BF081176.D

Acq: 24 Aug 2015 18:58



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	54978		
108	10.7	9.4	14.2	
92	135.0	113.2	169.8	





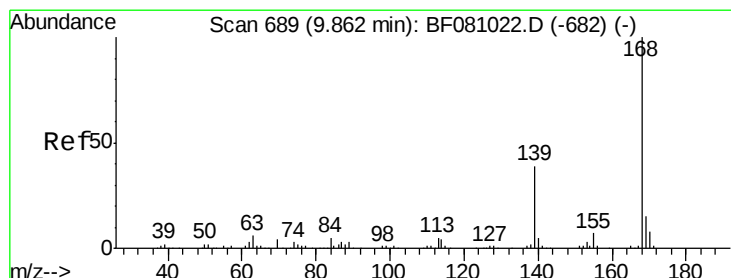
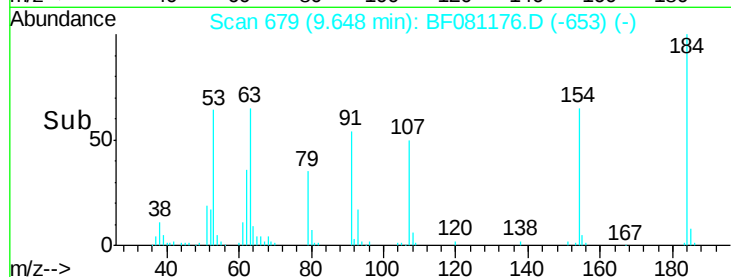
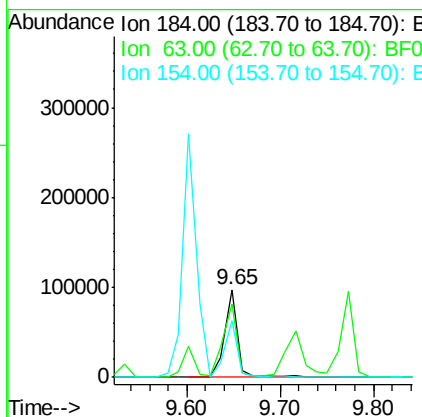
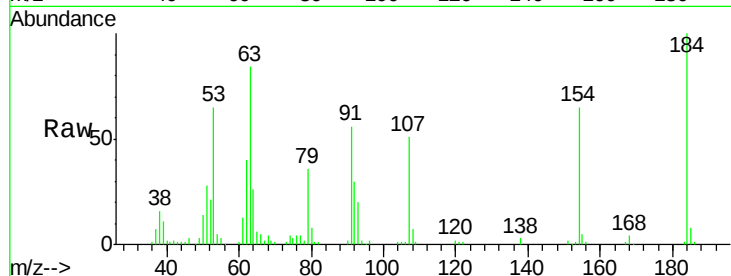
#53
2,4-Dinitrophenol
Concen: 80.28 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion:184 Resp: 93578
Ion Ratio Lower Upper
184 100
63 83.6 101.7 152.5#
154 65.5 67.4 101.0#

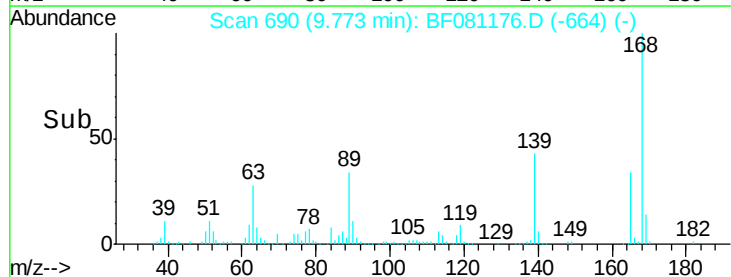
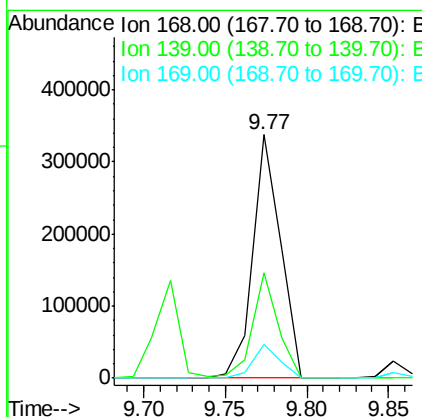
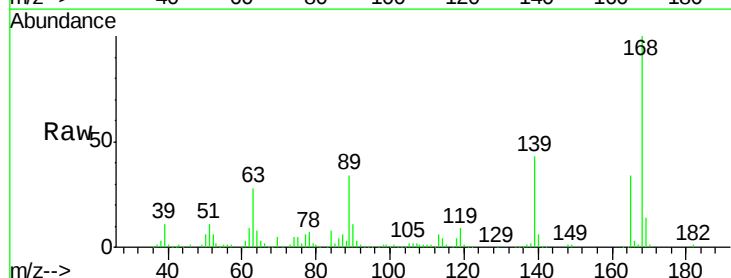
Manual Integrations
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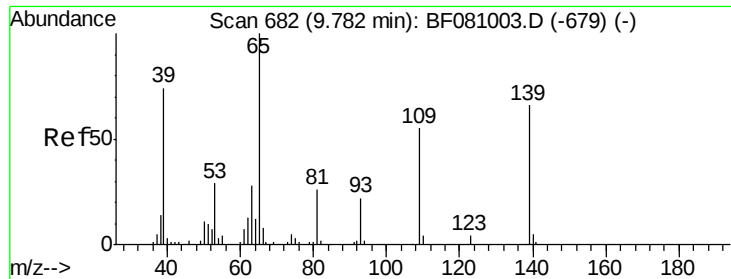
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#54
Dibenzofuran
Concen: 33.34 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion:168 Resp: 399205
Ion Ratio Lower Upper
168 100
139 43.4 29.3 43.9
169 13.8 10.3 15.5





#55

4-Nitrophenol

Concen: 77.50 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081176.D

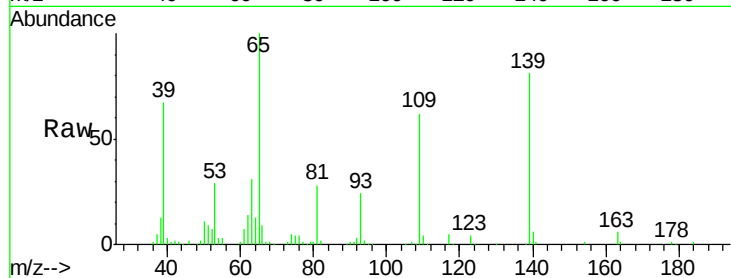
Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB85151BS



Tgt Ion:139 Resp: 142024

Ion Ratio Lower Upper

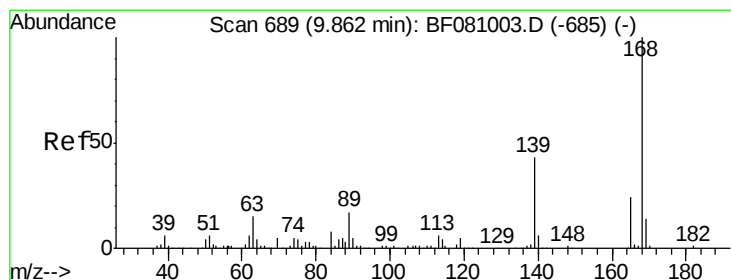
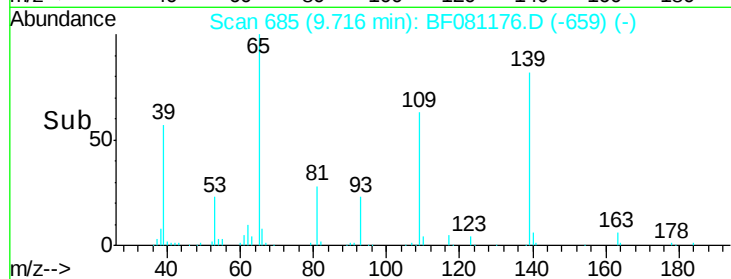
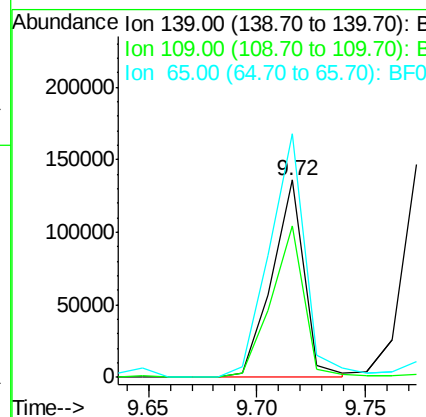
139 100

109 76.6 80.0 120.0#

65 123.5 138.3 178.3#

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#56

2,4-Dinitrotoluene

Concen: 37.94 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:165 Resp: 104858

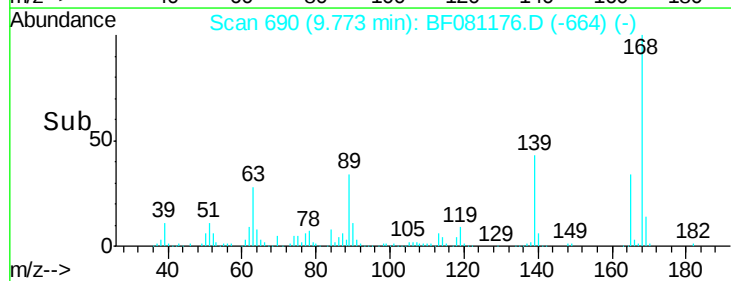
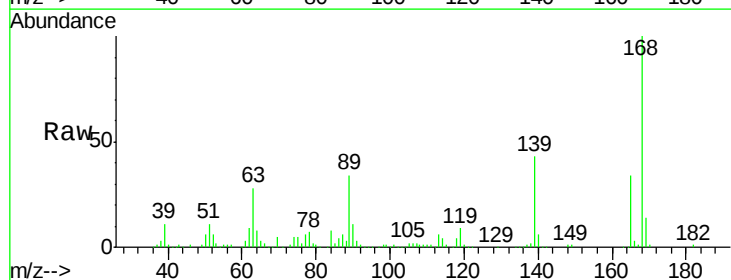
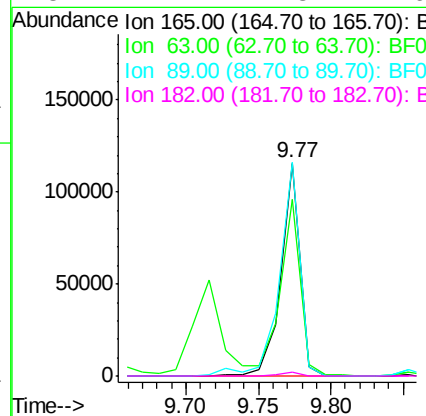
Ion Ratio Lower Upper

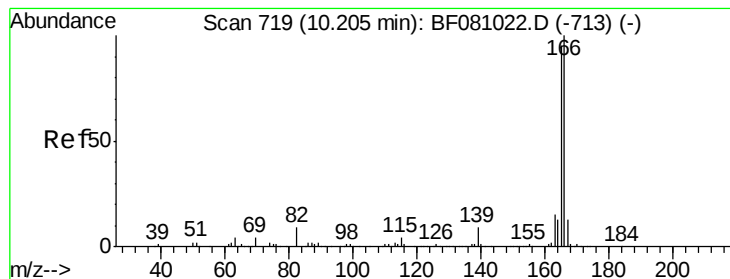
165 100

63 83.2 52.2 78.4#

89 100.5 60.1 90.1#

182 1.7 1.8 2.6#





#57

Fluorene

Concen: 36.17 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

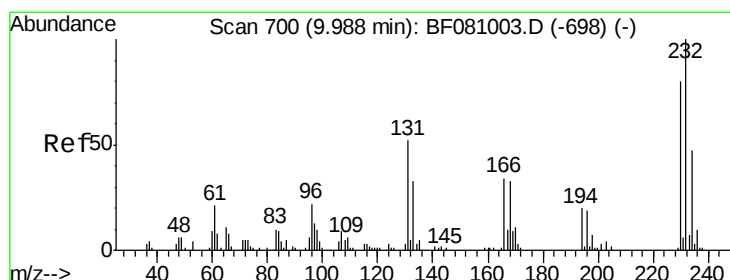
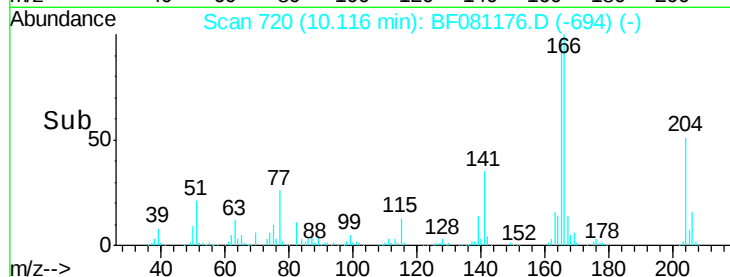
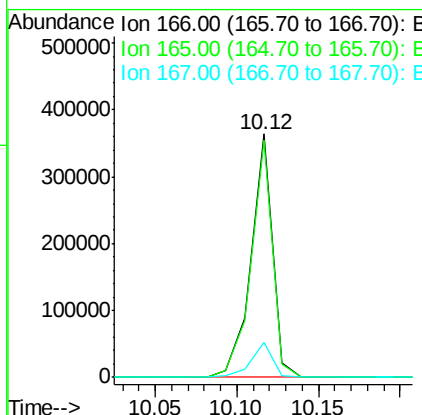
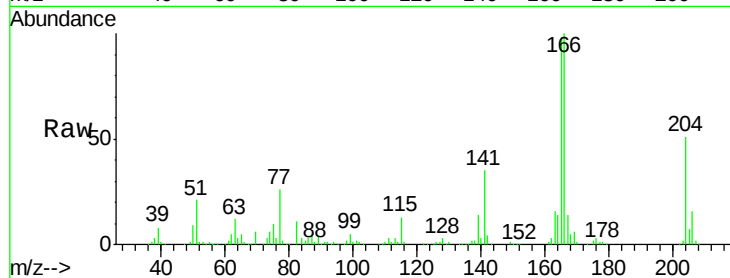
ClientSampleId :

PB85151BS

Tgt Ion:	166	Resp:	333161
Ion Ratio	Lower	Upper	
166	100		
165	97.6	75.8	113.8
167	14.1	11.3	16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.10 ng

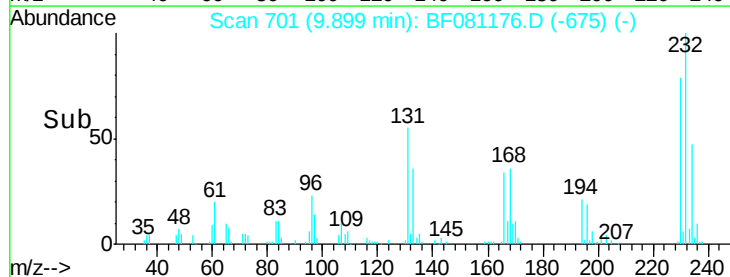
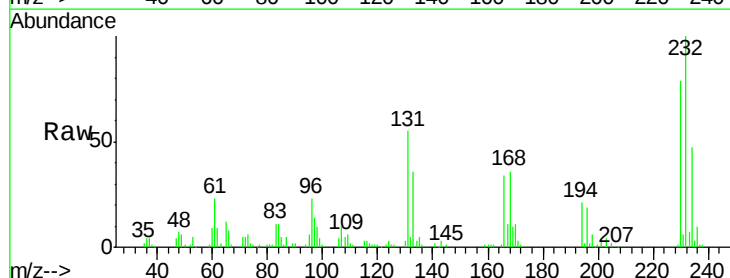
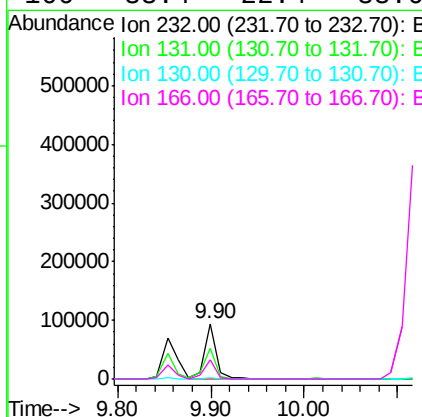
RT: 9.90 min Scan# 701

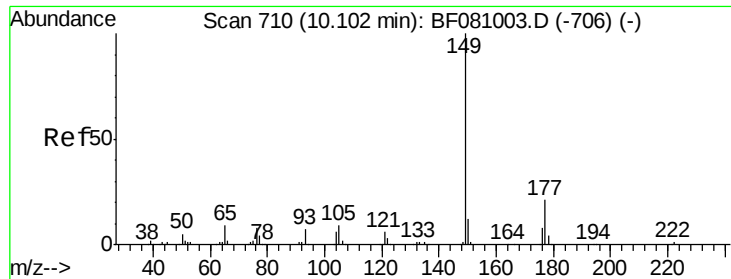
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	232	Resp:	85445
Ion Ratio	Lower	Upper	
232	100		
131	56.2	42.2	63.4
130	2.5	2.1	3.1
166	33.4	22.4	33.6





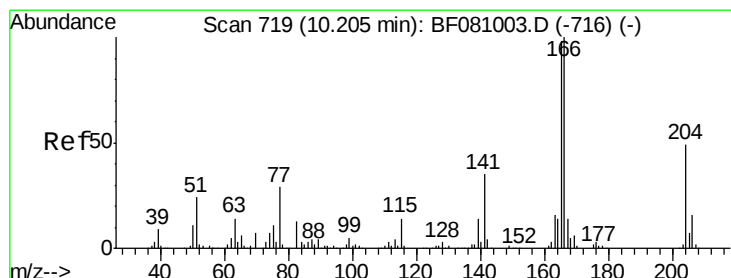
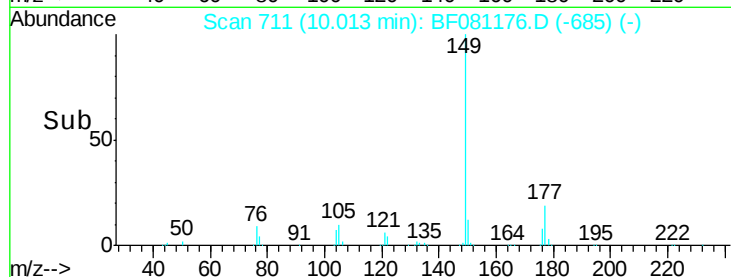
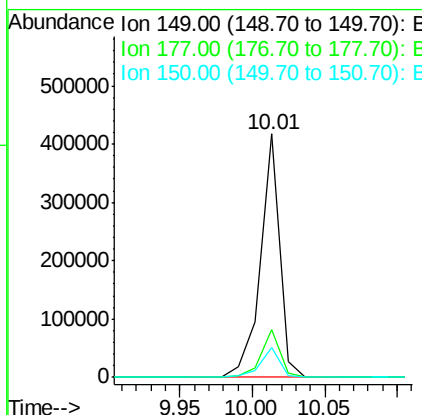
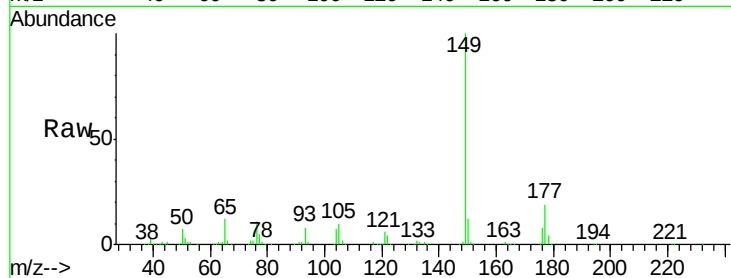
#59
Diethylphthalate
Concen: 37.33 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383677		
177	19.4	14.1	21.1	
150	12.4	10.3	15.5	

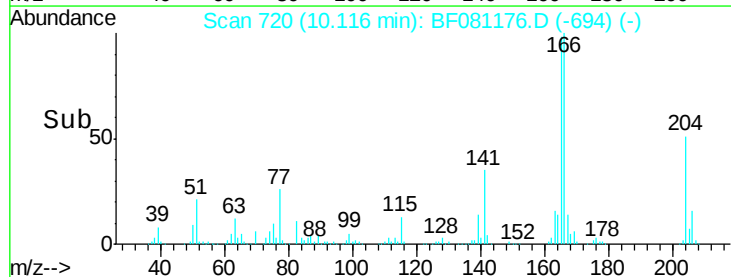
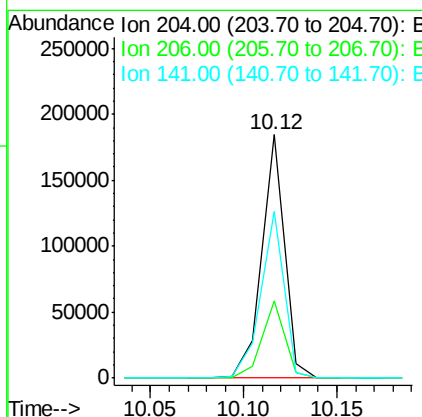
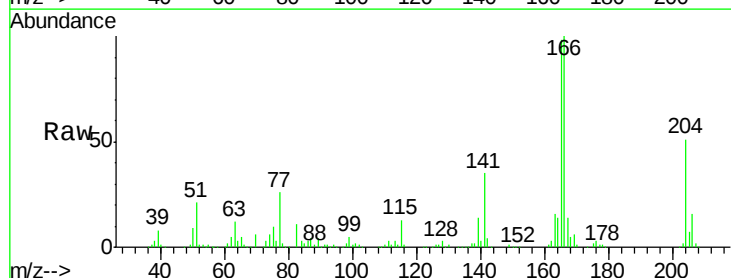
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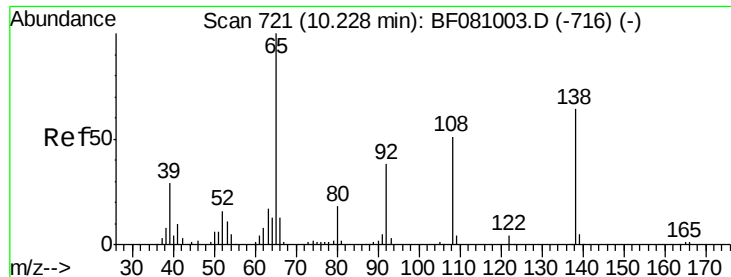
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#60
4-Chlorophenyl-phenylether
Concen: 39.75 ng
RT: 10.12 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	154957		
206	31.7	26.2	39.2	
141	68.7	59.6	89.4	





#61

4-Nitroaniline

Concen: 37.26 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

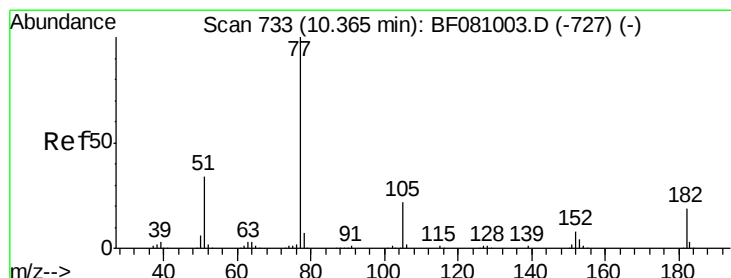
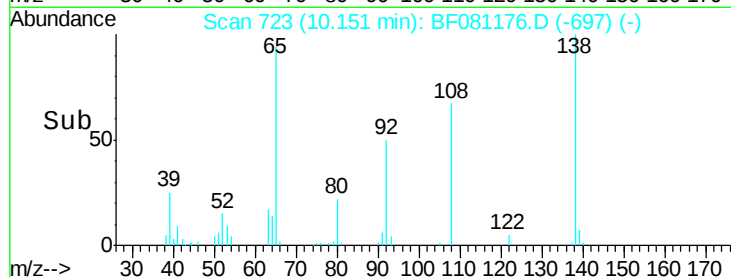
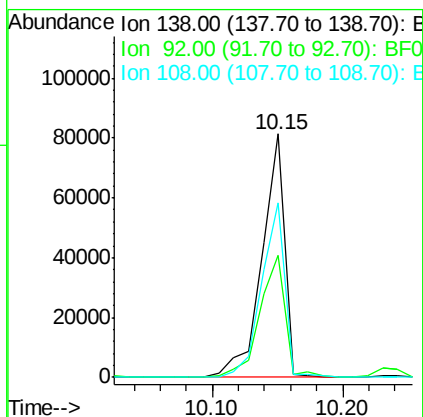
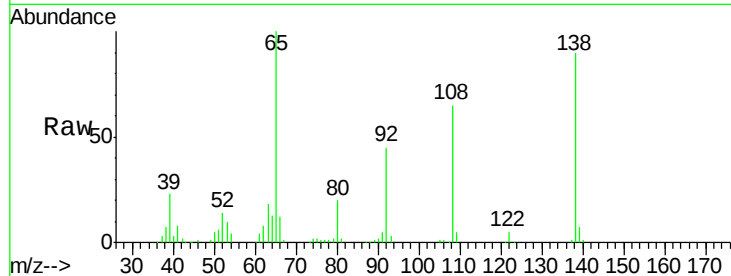
ClientSampled :

PB85151BS

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Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	34.7	74.7
108	71.9	68.9	108.9



#62

Azobenzene

Concen: 39.08 ng

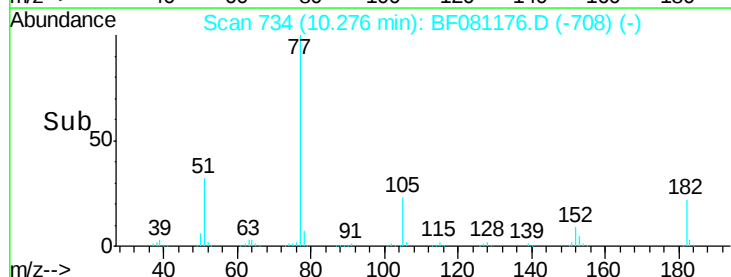
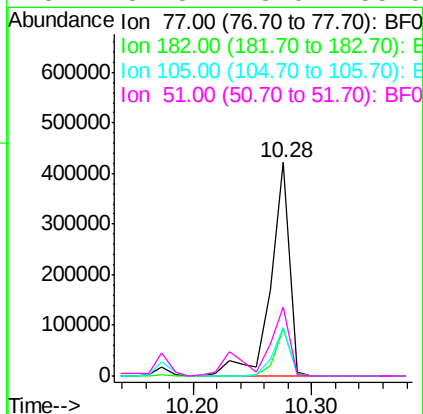
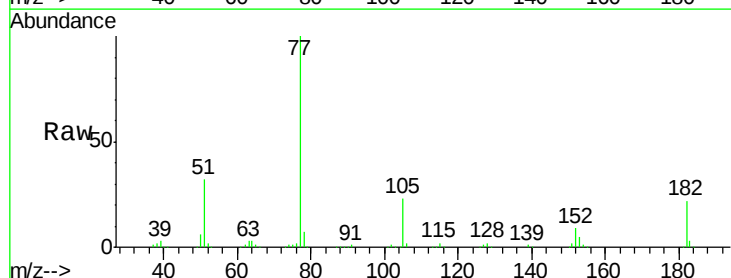
RT: 10.28 min Scan# 734

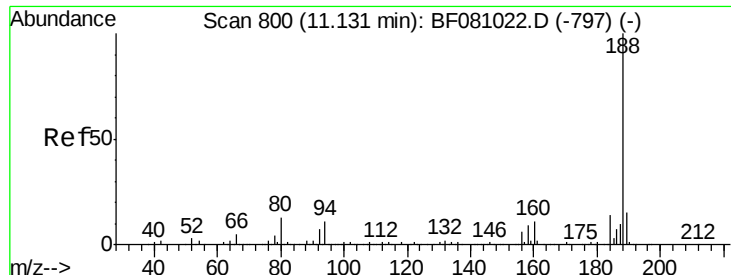
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	0.0	39.0
105	22.6	0.2	40.2
51	32.3	18.0	58.0





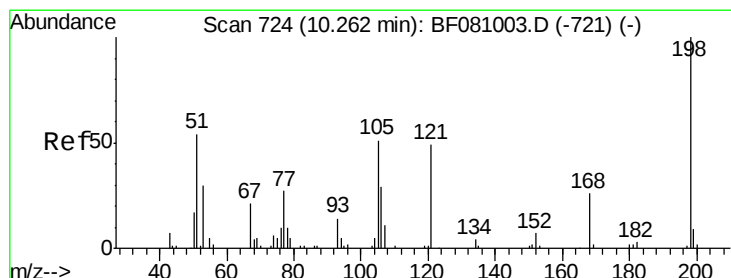
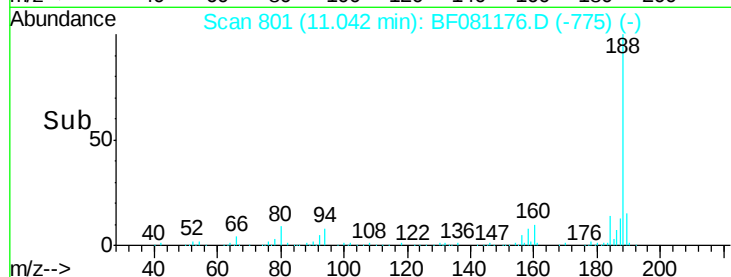
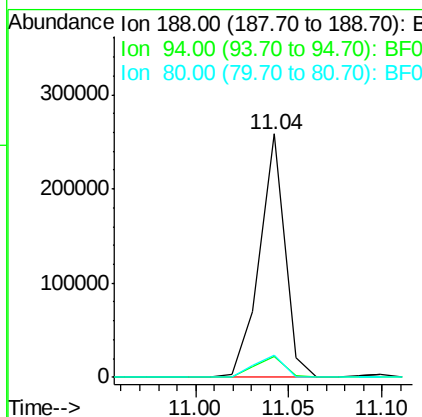
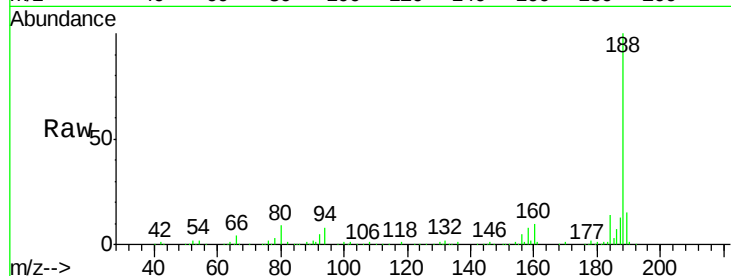
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	8.2	12.2
80	9.3	9.5	14.3#

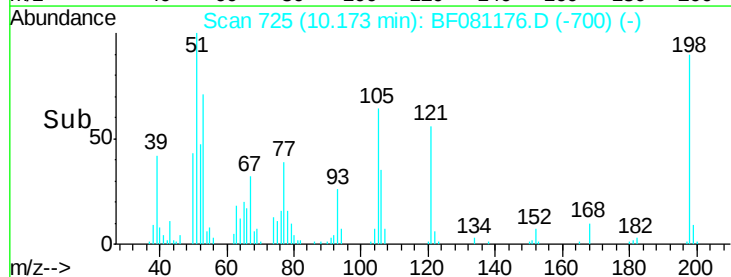
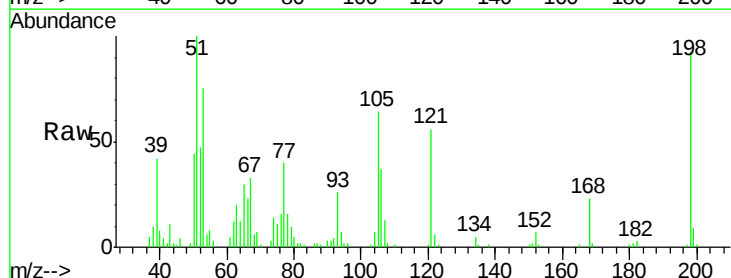
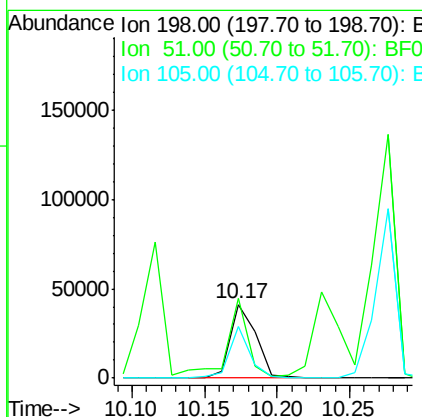
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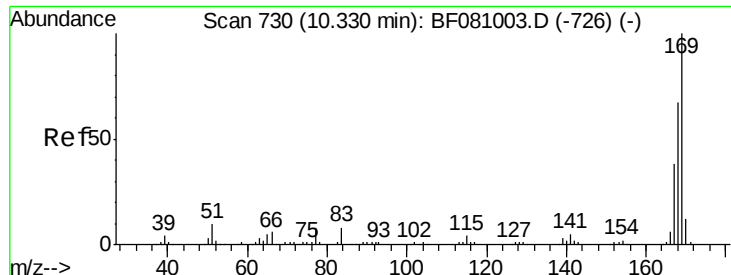
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.10 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	107.9	79.7	119.7
105	69.2	47.0	87.0





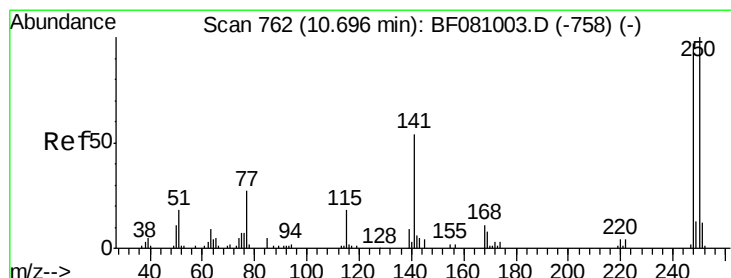
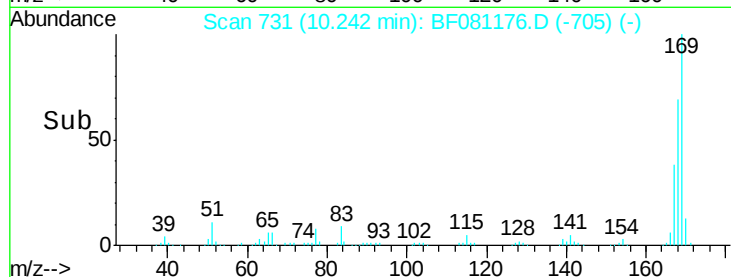
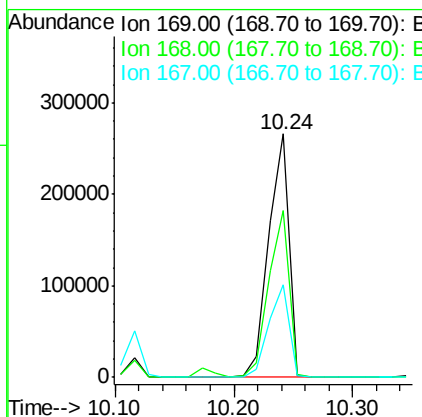
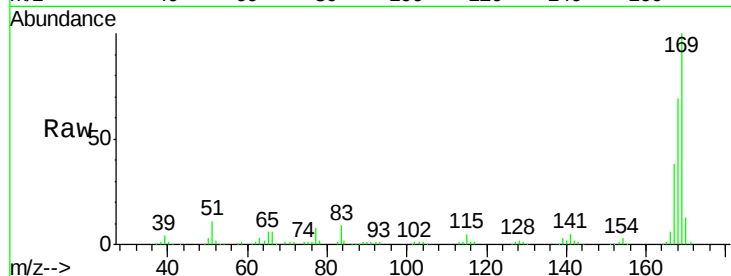
#65
 n-Nitrosodiphenylamine
 Concen: 36.98 ng
 RT: 10.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	319922		
168	68.8	55.3	82.9	
167	38.0	30.8	46.2	

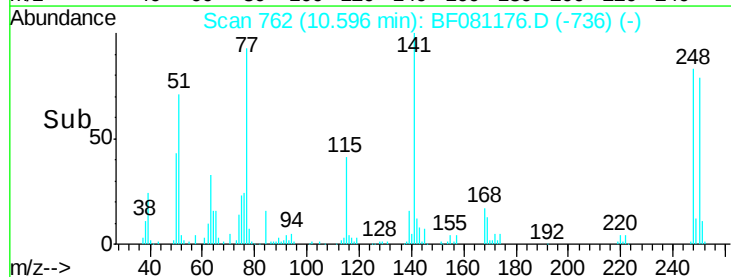
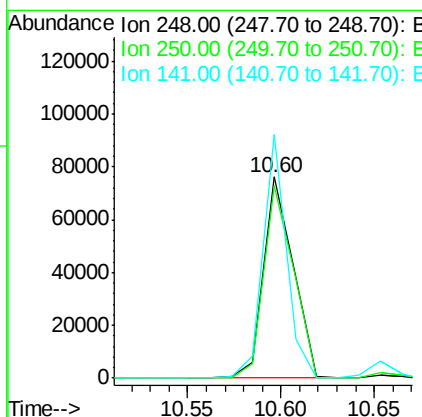
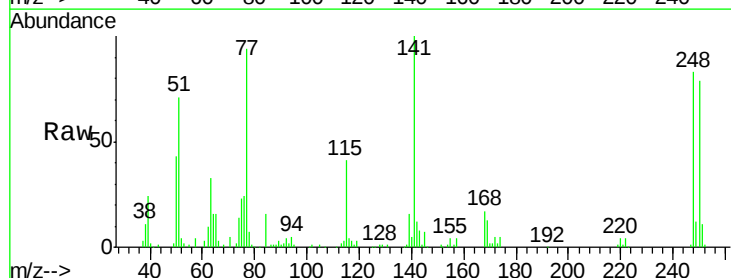
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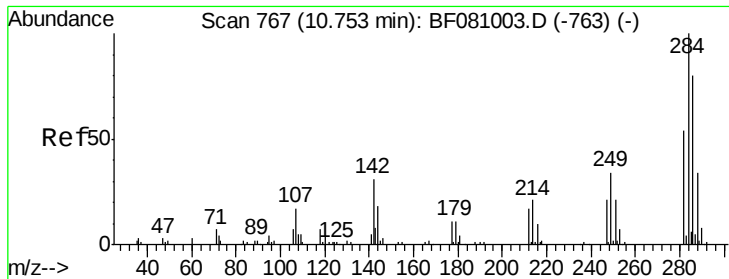
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#66
 4-Bromophenyl-phenylether
 Concen: 34.80 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	82859		
250	95.7	77.8	116.6	
141	121.0	39.8	59.6#	





#67

Hexachlorobenzene

Concen: 36.14 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF081176.D

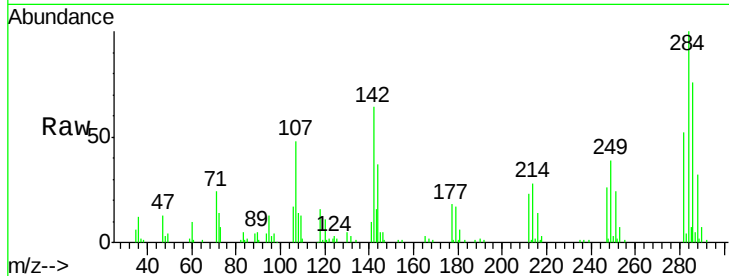
Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

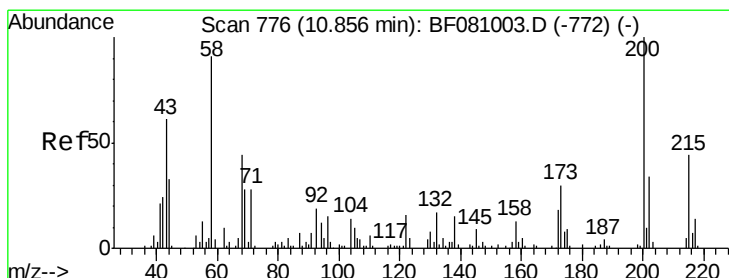
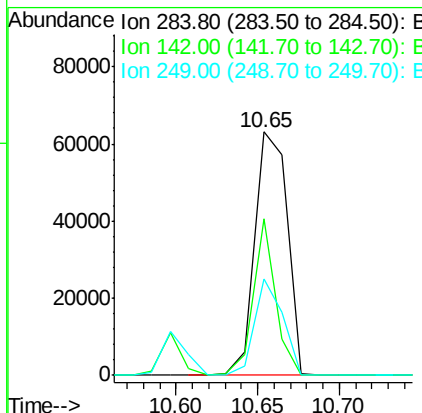
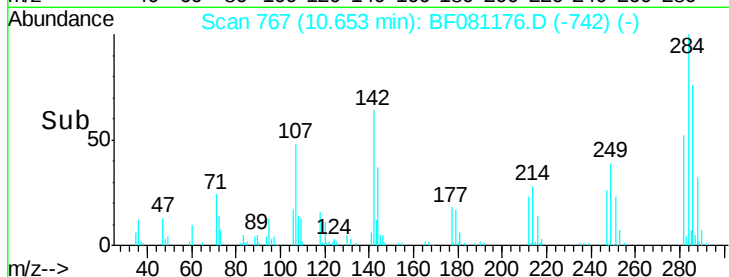
PB85151BS



Tgt Ion:	284	Resp:	87139
Ion Ratio	Lower	Upper	
284	100		
142	64.4	25.4	38.0#
249	39.5	28.5	42.7

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#68

Atrazine

Concen: 34.33 ng

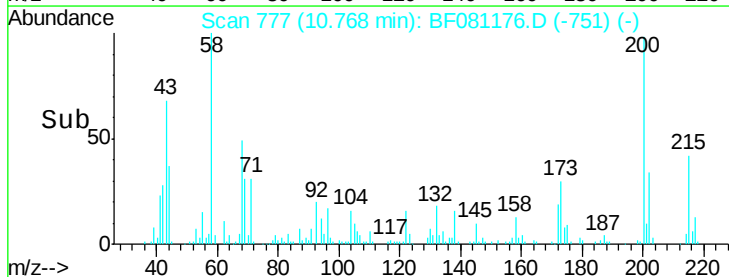
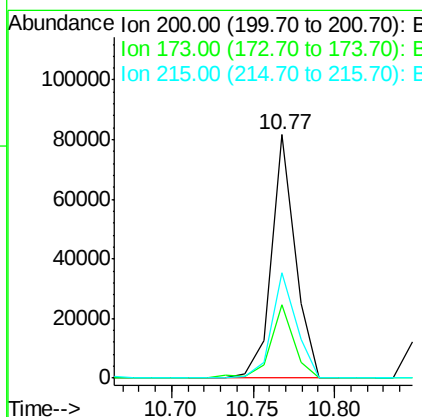
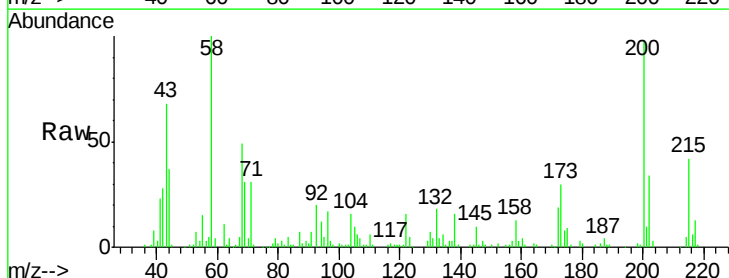
RT: 10.77 min Scan# 777

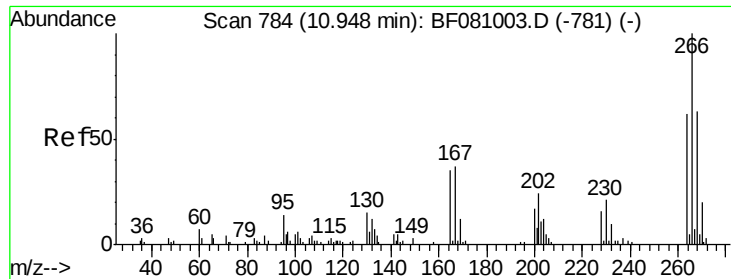
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	200	Resp:	82760
Ion Ratio	Lower	Upper	
200	100		
173	30.3	8.1	48.1
215	43.1	23.3	63.3





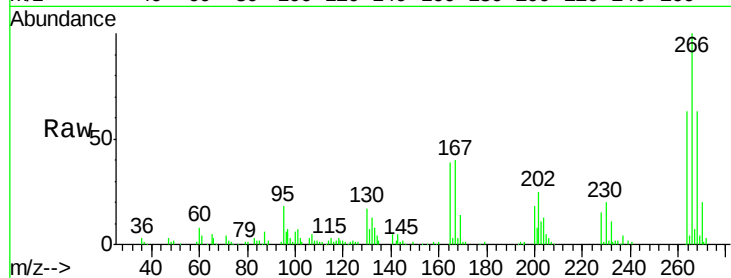
#69
 Pentachlorophenol
 Concen: 75.07 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

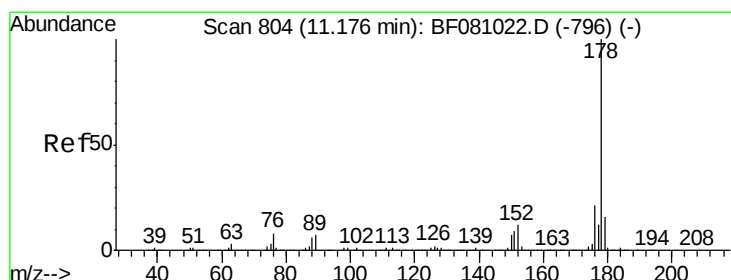
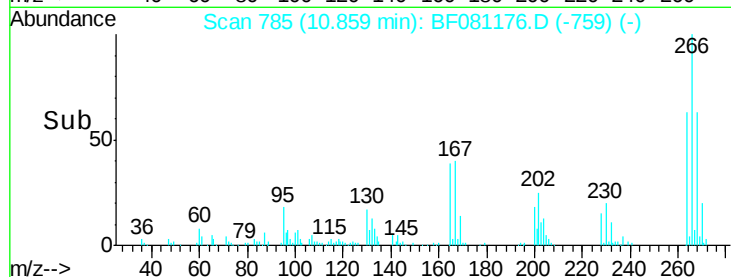
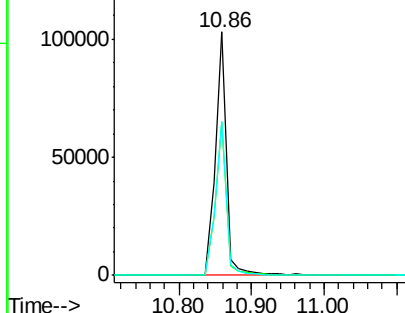
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	108609		
268	62.8	51.2	76.8	
264	63.3	50.6	75.8	

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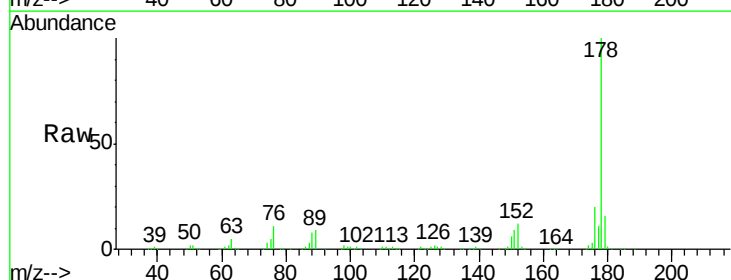


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

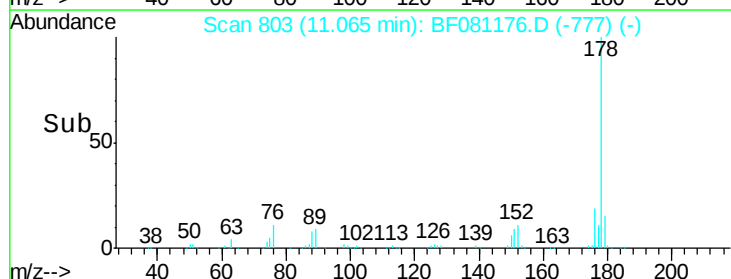
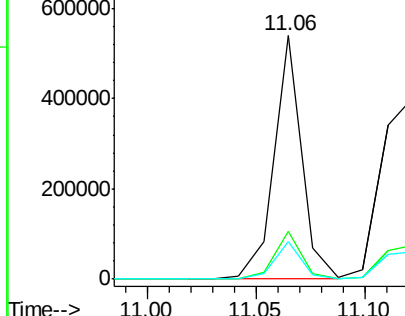


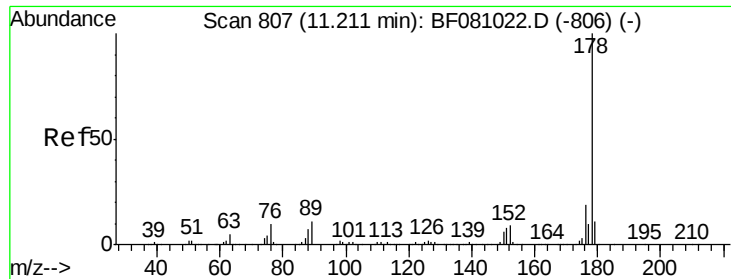
#70
 Phenanthrene
 Concen: 33.54 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	481811		
176	19.6	15.7	23.5	
179	15.7	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





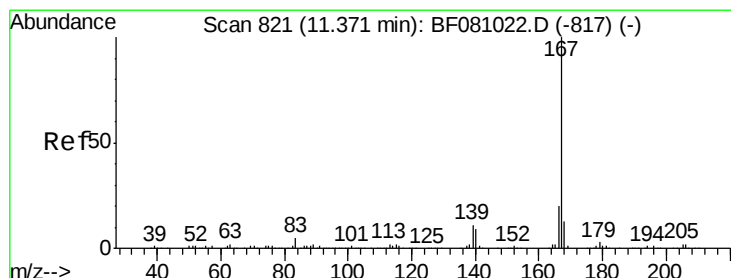
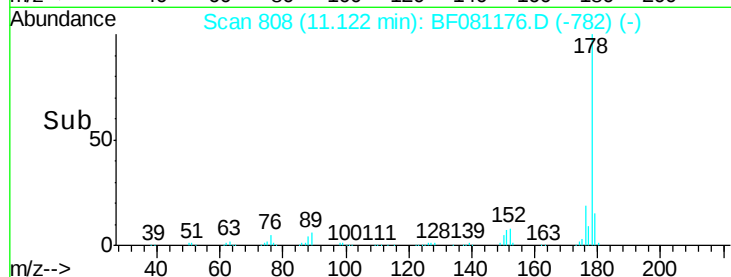
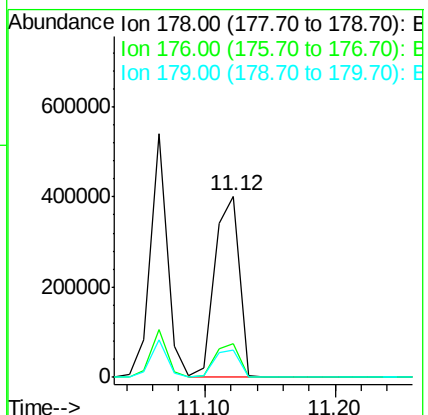
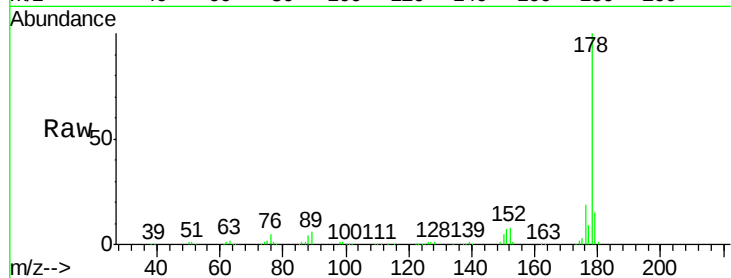
#71
 Anthracene
 Concen: 37.80 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	14.8	12.7	19.1

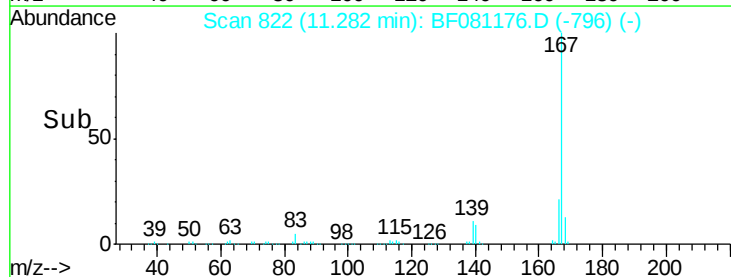
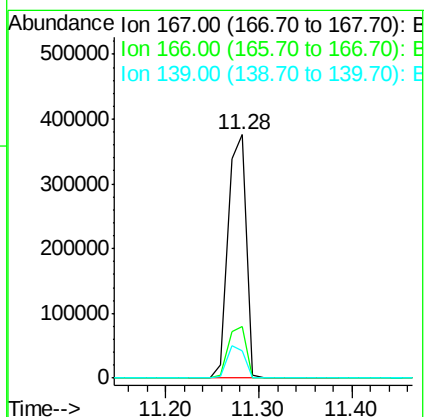
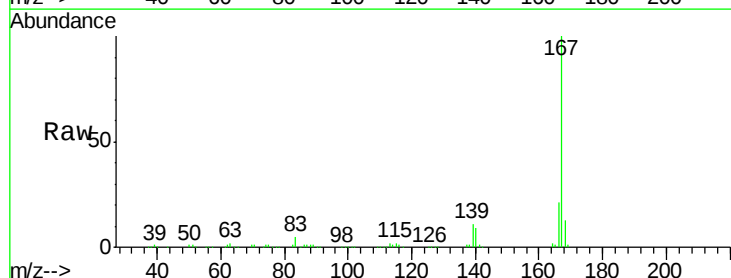
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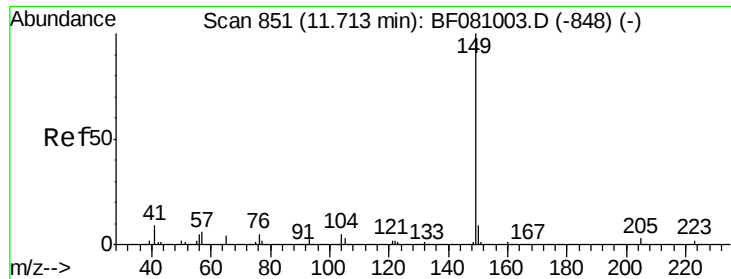
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#72
 Carbazole
 Concen: 37.92 ng
 RT: 11.28 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	11.2	10.6	16.0





#73

Di-n-butylphthalate

Concen: 39.01 ng

RT: 11.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF081176.D

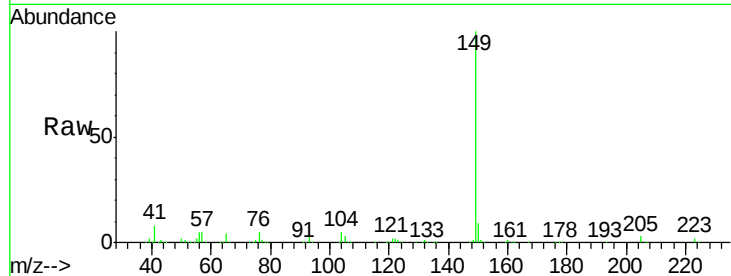
Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

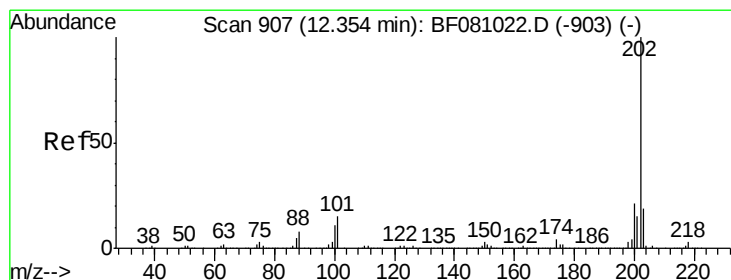
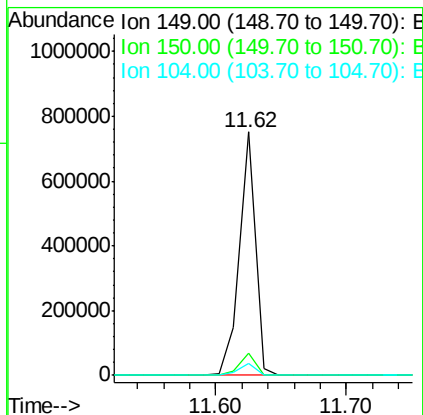
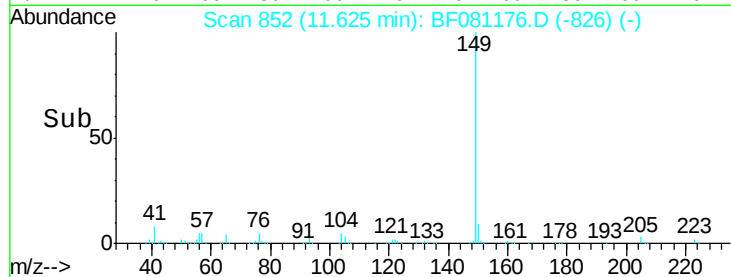
PB85151BS



Tgt Ion:	149	Resp:	635202
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	5.0	3.9	5.9

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#74

Fluoranthene

Concen: 36.76 ng

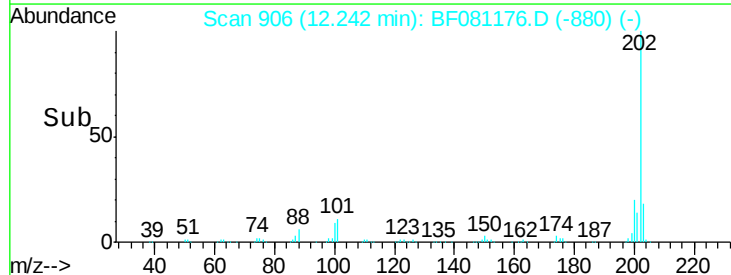
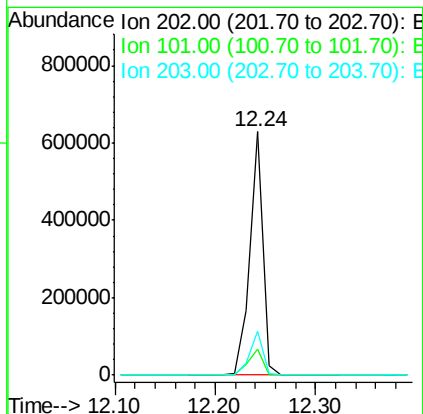
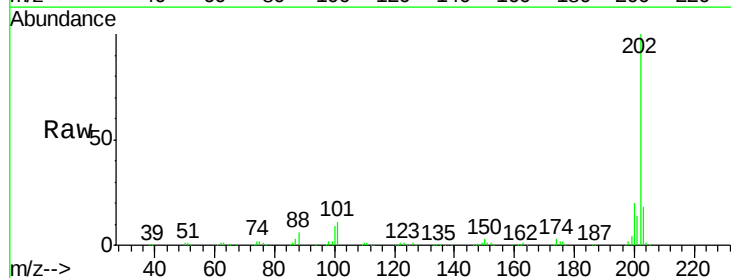
RT: 12.24 min Scan# 906

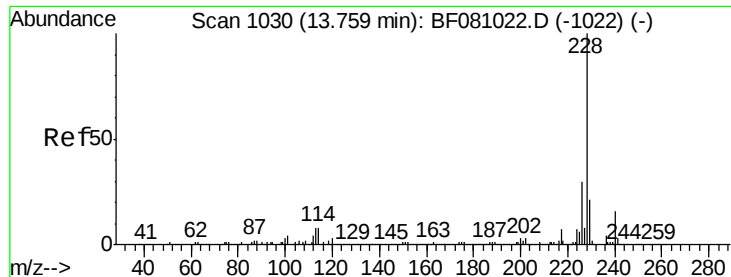
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:	202	Resp:	569773
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	24.8
203	17.8	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB85151BS

Tgt Ion:240 Resp: 217082

Ion Ratio Lower Upper

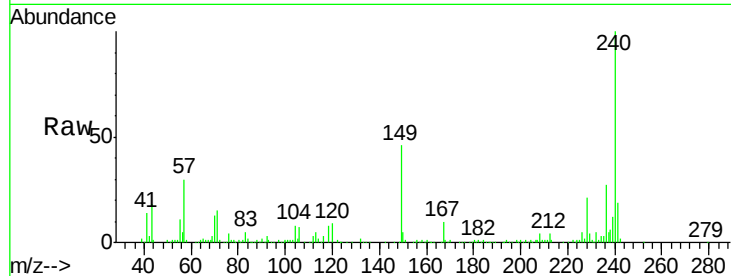
240 100

120 9.2 5.6 8.4#

236 26.6 20.6 30.8

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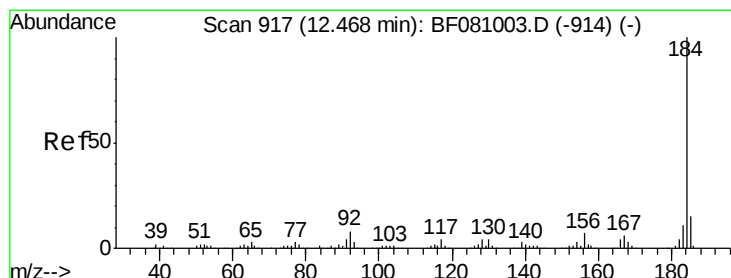
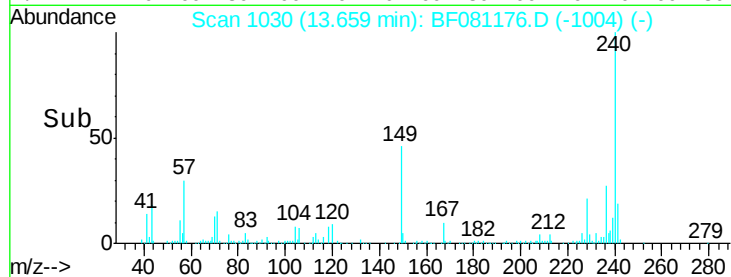
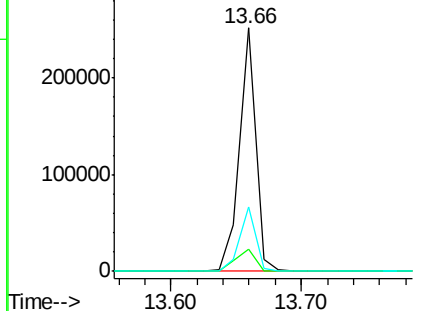
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.43 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion:184 Resp: 216756

Ion Ratio Lower Upper

184 100

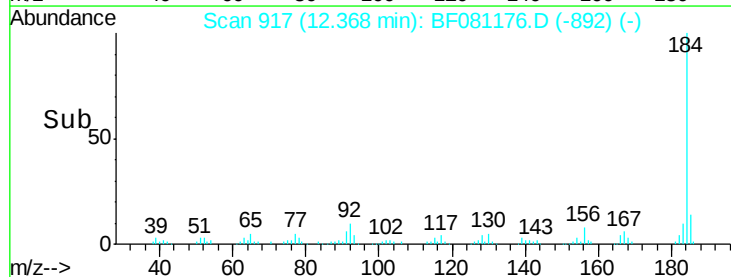
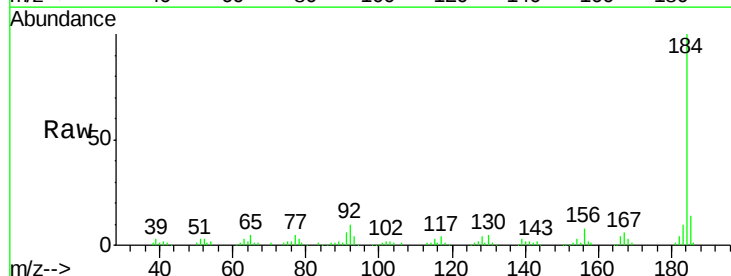
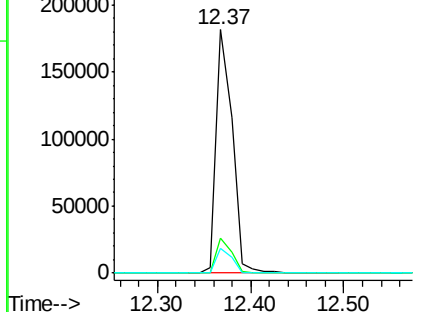
185 14.4 12.0 18.0

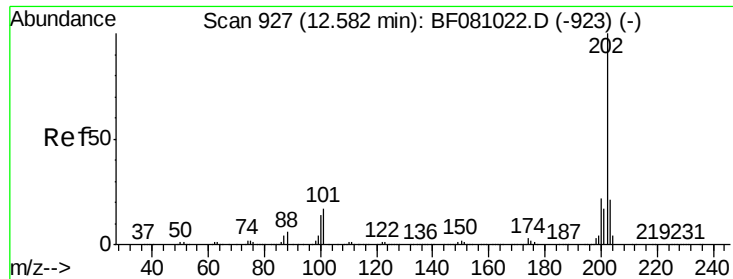
183 10.3 8.9 13.3

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





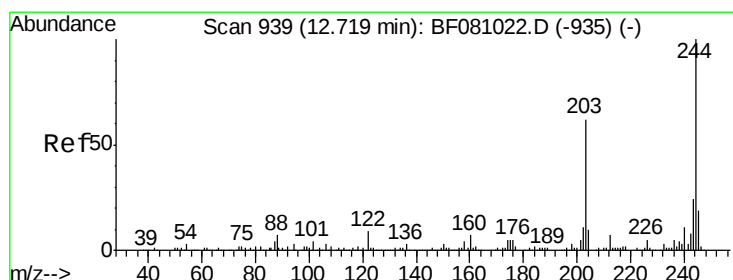
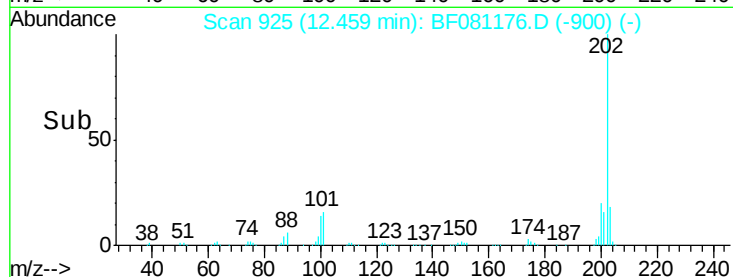
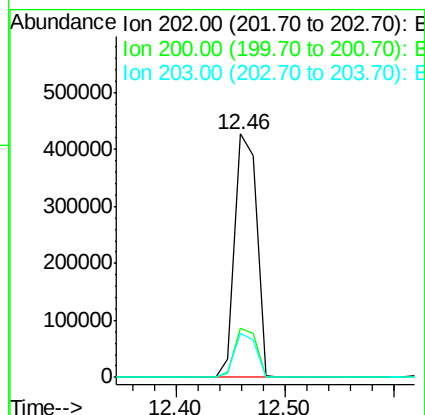
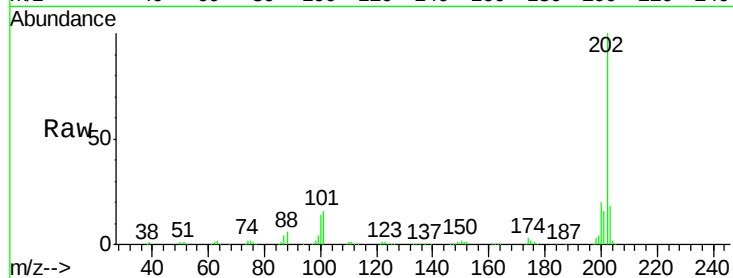
#77
Pyrene
Concen: 33.23 ng
RT: 12.46 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.0	16.6	24.8
203	18.3	14.1	21.1

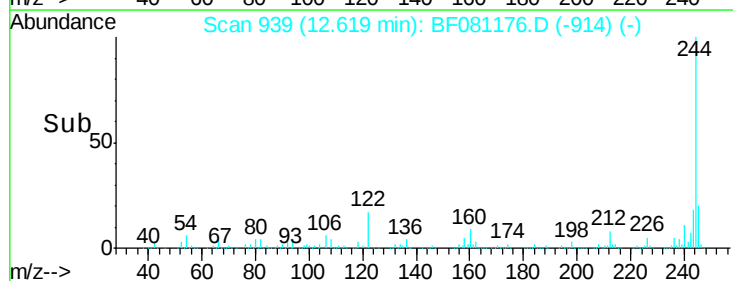
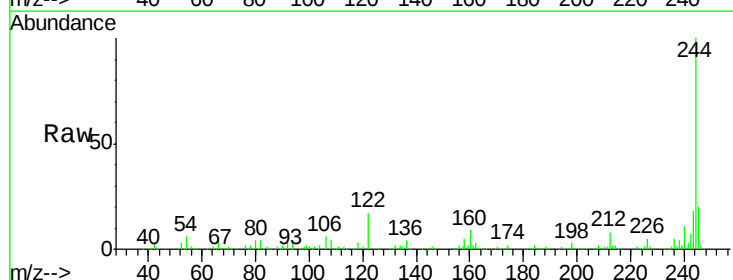
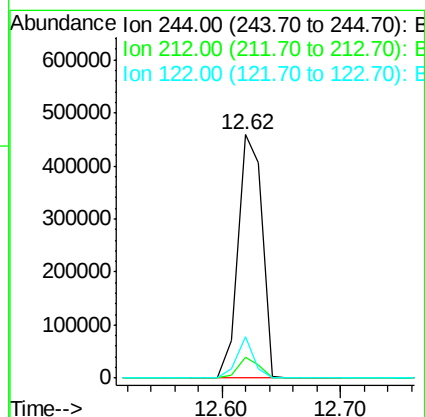
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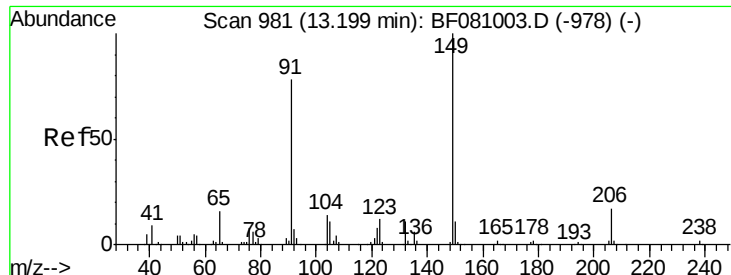
MMDadoda
8/25/2015 12:38:50 PM



#78
Terphenyl-d14
Concen: 63.76 ng
RT: 12.62 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	5.8	8.8
122	17.0	8.2	12.4





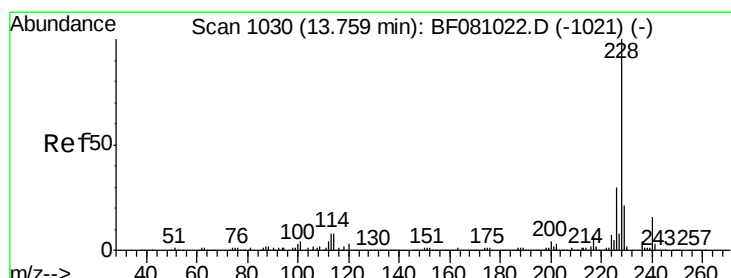
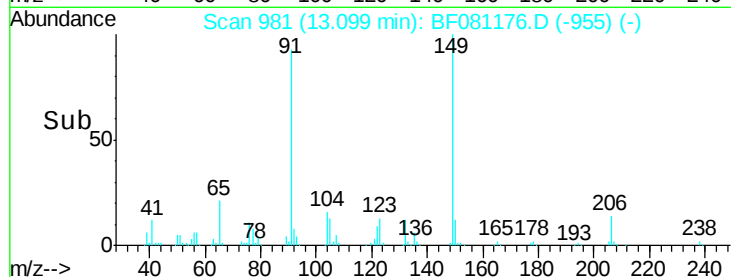
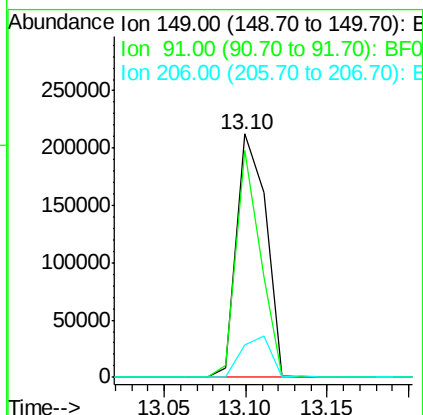
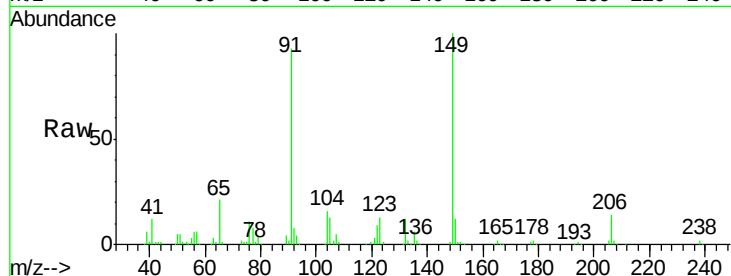
#79
Butylbenzylphthalate
Concen: 34.63 ng
RT: 13.10 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	262674		
91	93.5	46.9	70.3#	
206	13.5	17.0	25.4#	

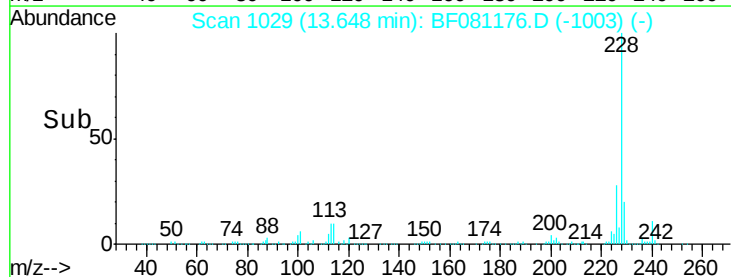
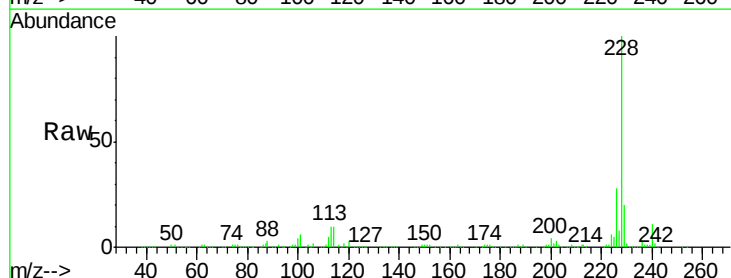
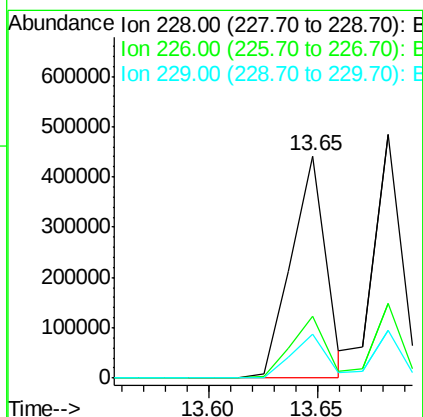
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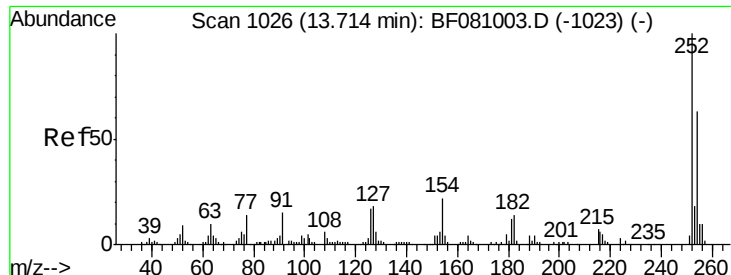
MMDadoda
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#80
Benzo(a)anthracene
Concen: 33.78 ng
RT: 13.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	491743		
226	28.1	22.3	33.5	
229	19.6	15.9	23.9	





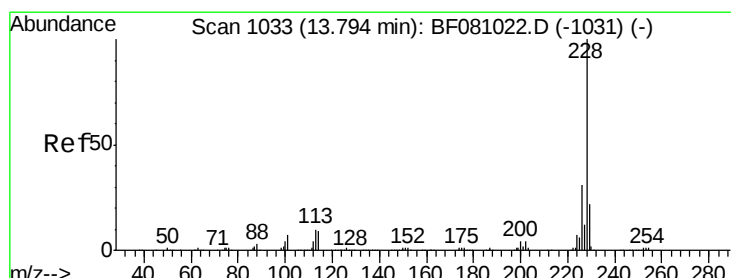
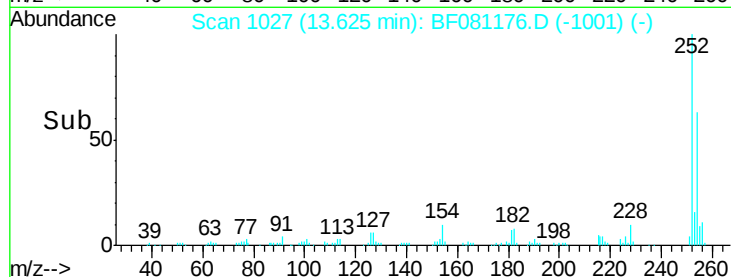
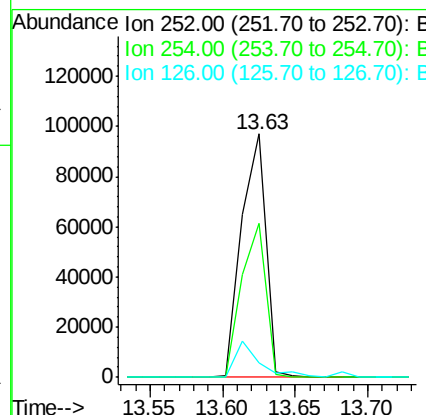
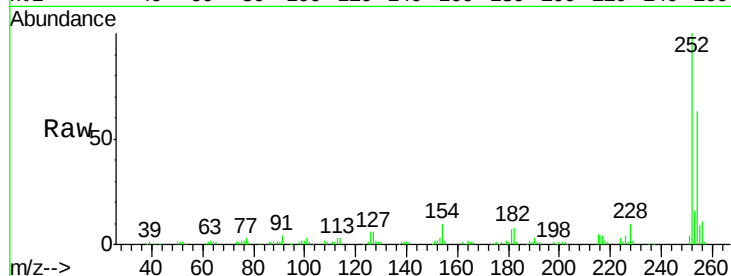
#81
 3,3'-Dichlorobenzidine
 Concen: 24.12 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	51.5	77.3
126	6.1	12.5	18.7

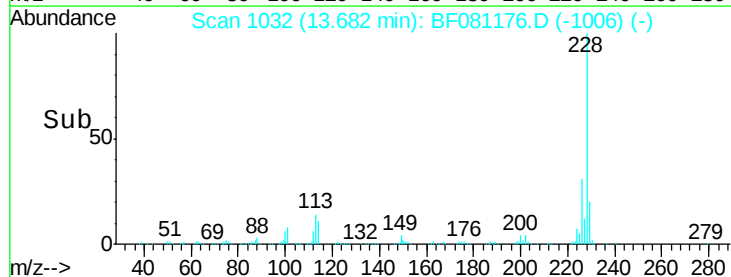
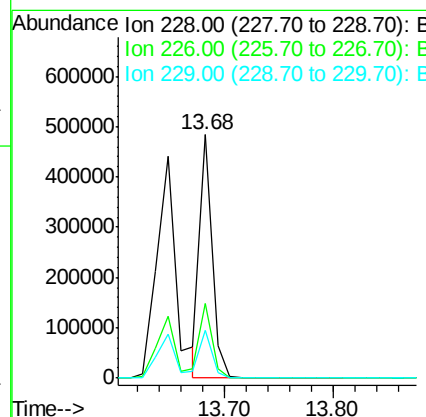
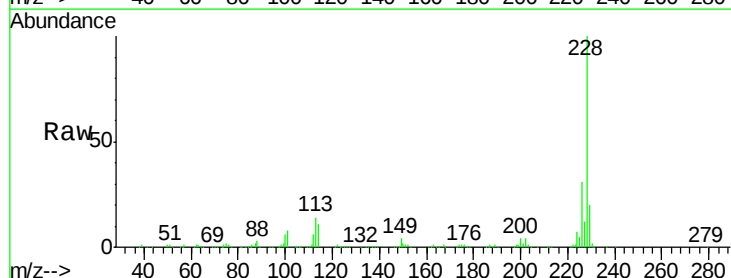
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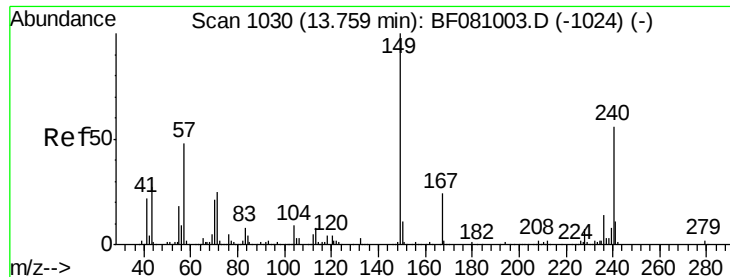
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#82
 Chrysene
 Concen: 29.25 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.4	36.6
229	19.7	16.0	24.0





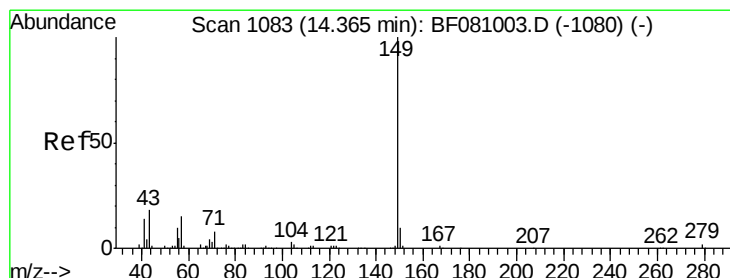
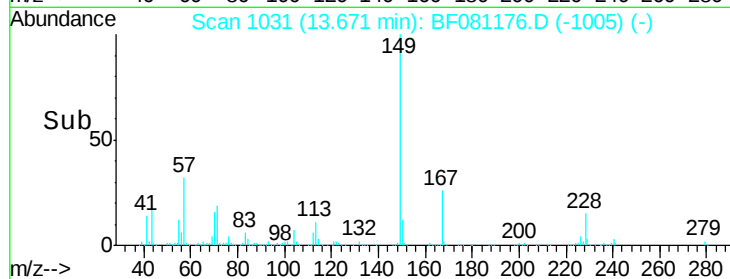
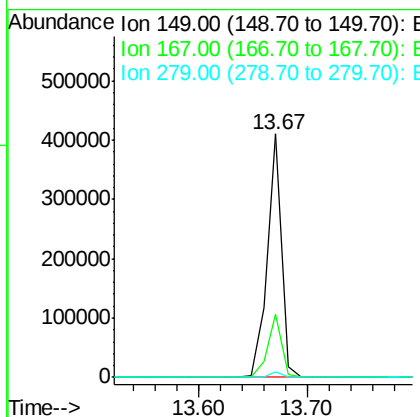
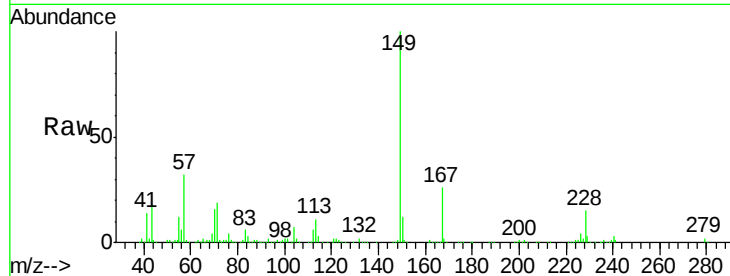
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.79 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	376888		
167	25.8	20.7	31.1	
279	2.4	2.2	3.4	

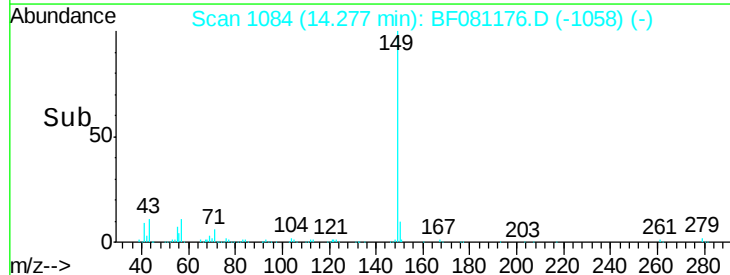
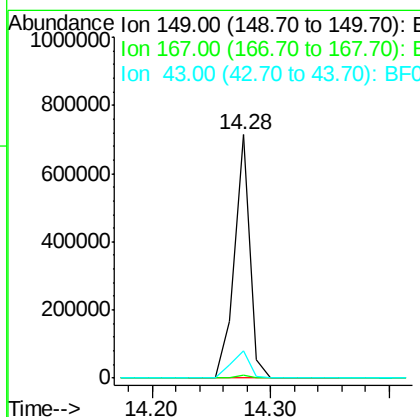
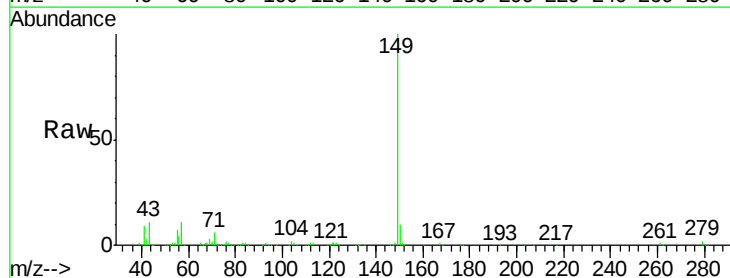
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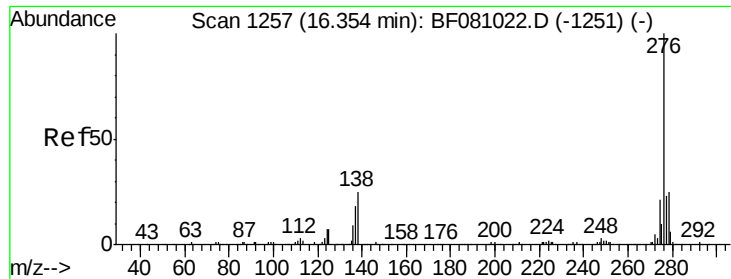
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#84
 Di-n-octyl phthalate
 Concen: 43.66 ng
 RT: 14.28 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	644794		
167	1.5	1.1	1.7	
43	13.5	11.6	17.4	





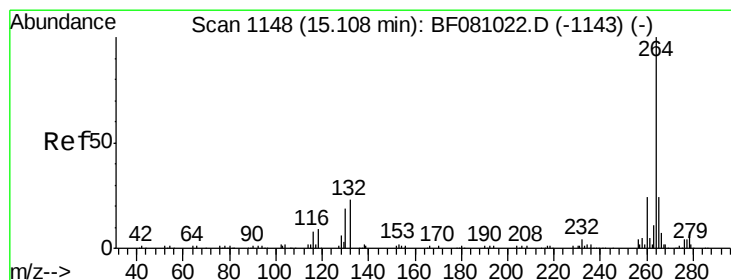
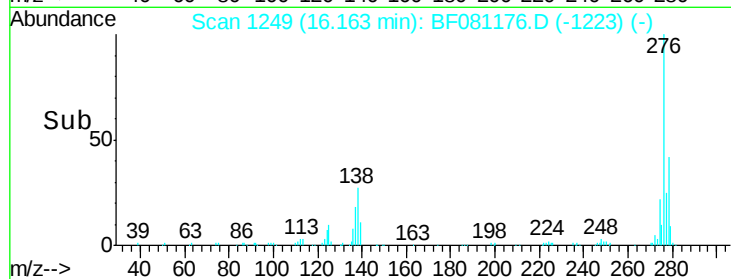
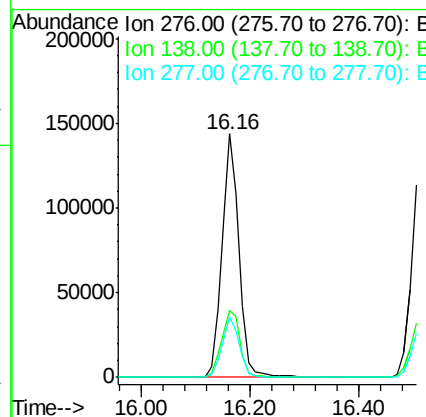
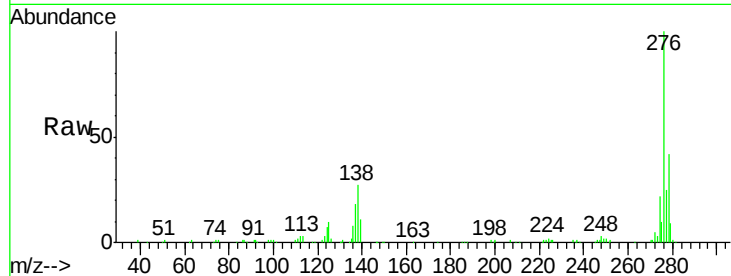
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.41 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	316966		
138	29.8	18.6	28.0#	
277	24.9	19.8	29.8	

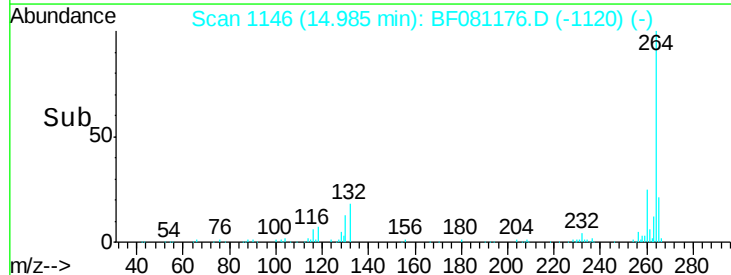
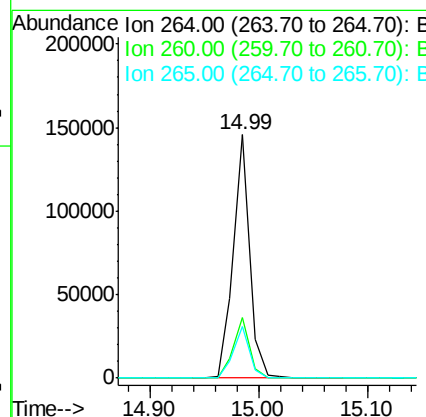
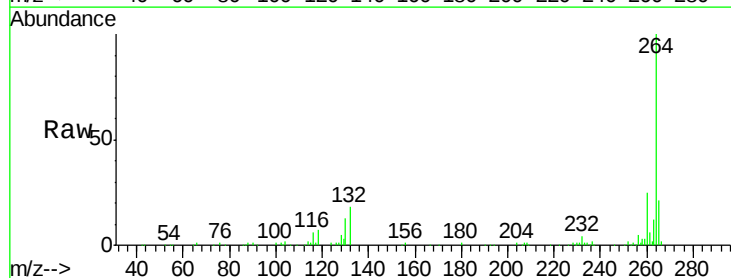
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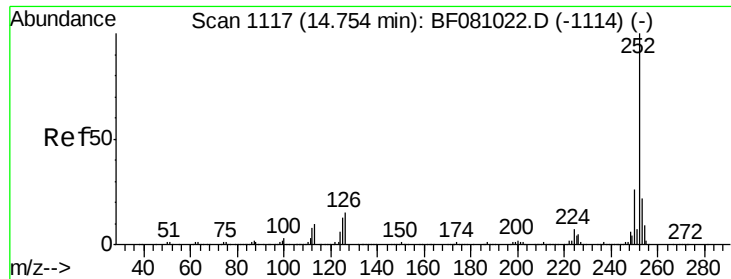
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	152160		
260	24.9	19.6	29.4	
265	21.0	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 45.23 ng m

RT: 14.64 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Instrument :

BNA_F

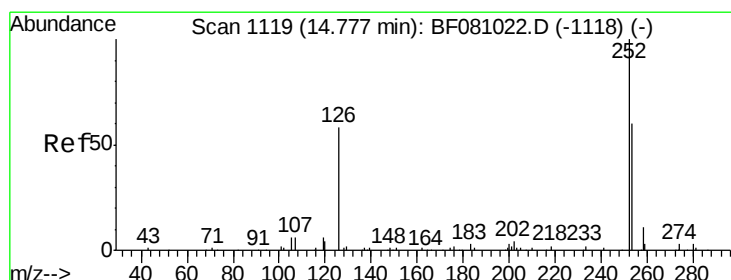
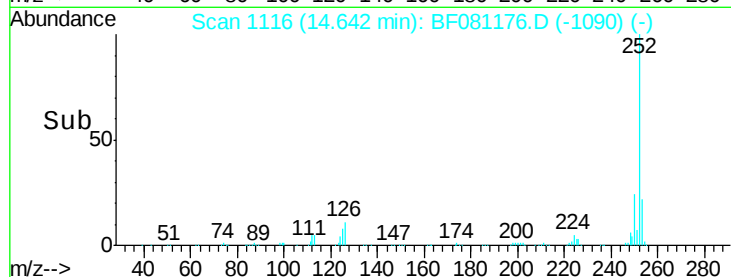
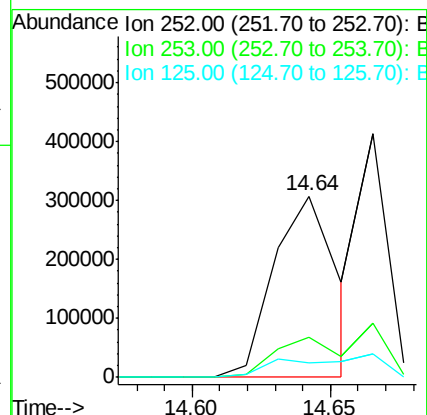
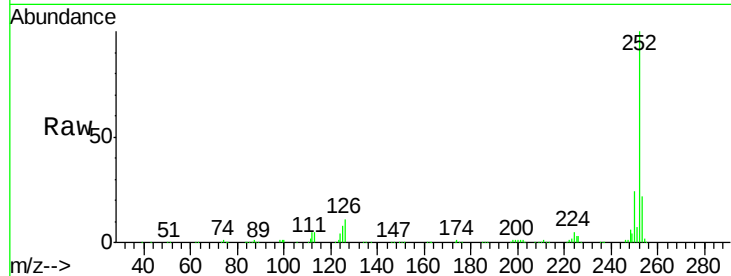
ClientSampleId :

PB85151BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.2	8.0	12.0

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#88

Benzo(k)fluoranthene

Concen: 30.44 ng m

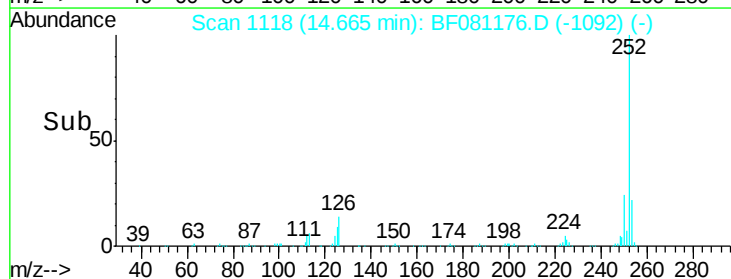
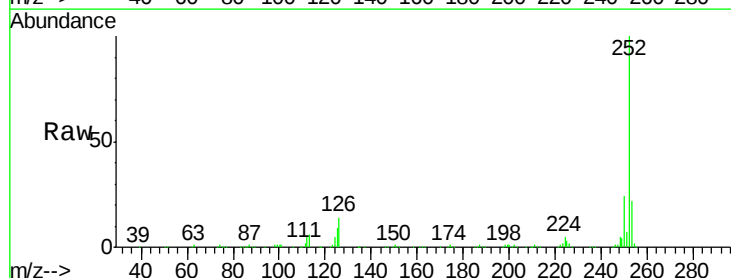
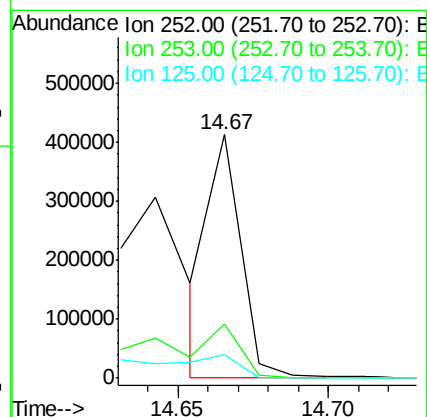
RT: 14.67 min Scan# 1118

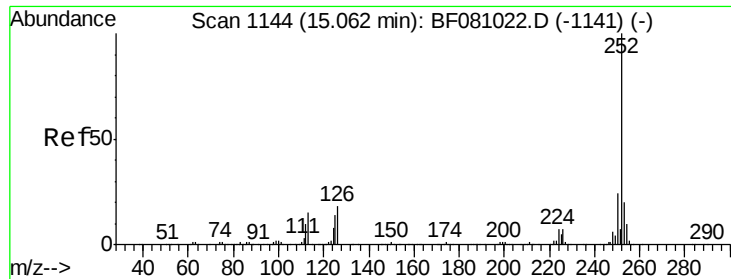
Delta R.T. -0.00 min

Lab File: BF081176.D

Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.4	10.3	15.5#





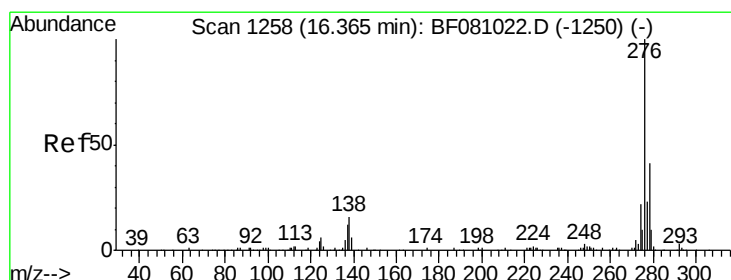
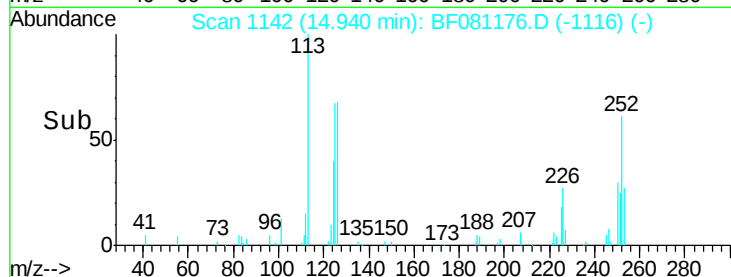
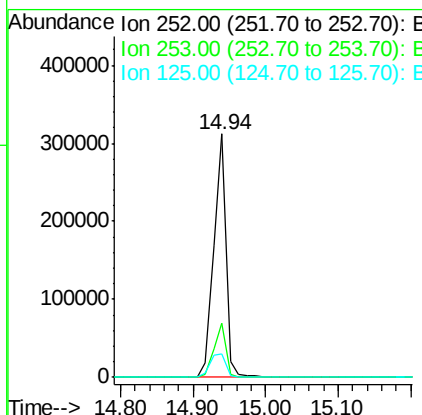
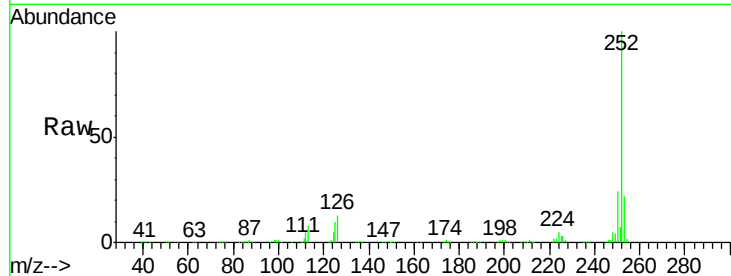
#89
Benzo(a)pyrene
Concen: 39.23 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.6	25.0
125	9.6	7.8	11.8

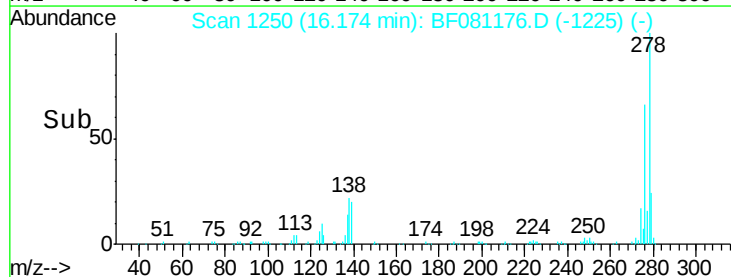
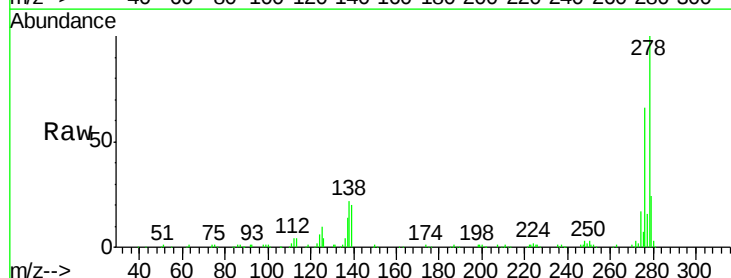
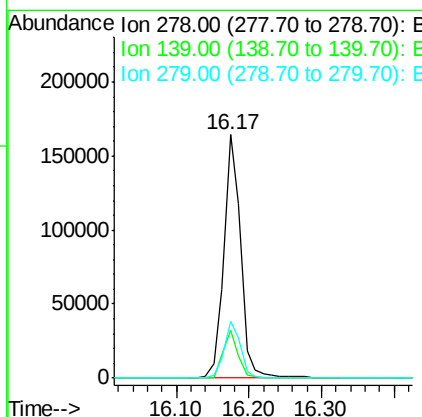
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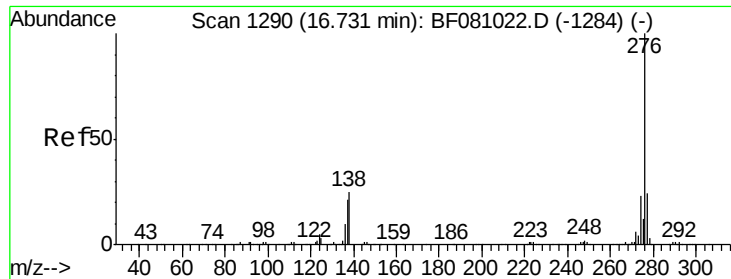
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#90
Dibenzo(a,h)anthracene
Concen: 36.41 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081176.D
Acq: 24 Aug 2015 18:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	10.8	16.2#
279	23.5	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 36.26 ng
 RT: 16.52 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF081176.D
 Acq: 24 Aug 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.2	27.2
138	23.6	13.7	20.5

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 8/25/2015 12:38:50 PM

