

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081170.D
 Acq On : 24 Aug 2015 15:31
 Operator : UM/IZ
 Sample : PB85016BS
 Misc : FOR IDOC PURPOSE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 7:11:07 PM

Quant Time: Aug 24 16:02:27 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	67531	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	292159	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	130712	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	267691	20.00	ng	0.00
75) Chrysene-d12	13.66	240	239224	20.00	ng	0.00
86) Perylene-d12	14.99	264	169992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	523468	116.59	ng	0.02
7) Phenol-d6	6.20	99	652418	111.37	ng	0.00
23) Nitrobenzene-d5	7.11	82	450763	70.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	111532	98.43	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	653728	65.53	ng	0.00
78) Terphenyl-d14	12.63	244	705392	63.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	63759	30.14	ng	91
3) Pyridine	2.62	79	181955	30.47	ng	# 79
4) n-Nitrosodimethylamine	2.57	42	115423	34.72	ng	# 79
6) Aniline	6.21	93	189052	22.20	ng	# 1
8) 2-Chlorophenol	6.32	128	174285	35.46	ng	91
9) Benzaldehyde	6.08	77	48621	12.87	ng	92
10) Phenol	6.21	94	212416	30.70	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	181131	34.12	ng	89
12) 1,3-Dichlorobenzene	6.48	146	187652	35.54	ng	97
13) 1,4-Dichlorobenzene	6.56	146	187237	35.81	ng	98
14) 1,2-Dichlorobenzene	6.71	146	162395	33.18	ng	99
15) Benzyl Alcohol	6.70	79	165230	34.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	359212	34.43	ng	99
17) 2-Methylphenol	6.82	107	163634	38.81	ng	94
18) Hexachloroethane	7.05	117	71746	33.96	ng	97
19) n-Nitroso-di-n-propylamine	6.97	70	135726	33.45	ng	92
20) 3+4-Methylphenols	6.97	107	197526	36.91	ng	# 67
22) Acetophenone	6.96	105	259154	33.79	ng	# 88
24) Nitrobenzene	7.13	77	208151	31.13	ng	98
25) Isophorone	7.38	82	373592	31.32	ng	# 94
26) 2-Nitrophenol	7.45	139	99307	35.71	ng	# 71
27) 2,4-Dimethylphenol	7.51	122	158404	32.20	ng	90
28) bis(2-Chloroethoxy)methane	7.60	93	244052	34.64	ng	99
29) 2,4-Dichlorophenol	7.69	162	134593	32.49	ng	89
30) 1,2,4-Trichlorobenzene	7.77	180	143626	31.20	ng	97
31) Naphthalene	7.85	128	549677	33.75	ng	99
32) Benzoic acid	7.65	122	116180	41.98	ng	93
33) 4-Chloroaniline	7.91	127	118424	17.23	ng	# 86
34) Hexachlorobutadiene	7.98	225	86962	33.40	ng	97
35) Caprolactam	8.29	113	56525m	39.05	ng	
36) 4-Chloro-3-methylphenol	8.40	107	163062	33.03	ng	99
37) 2-Methylnaphthalene	8.54	142	320243	31.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	144732	34.32	ng	98
40) Hexachlorocyclopentadiene	8.70	237	143463	65.72	ng	97

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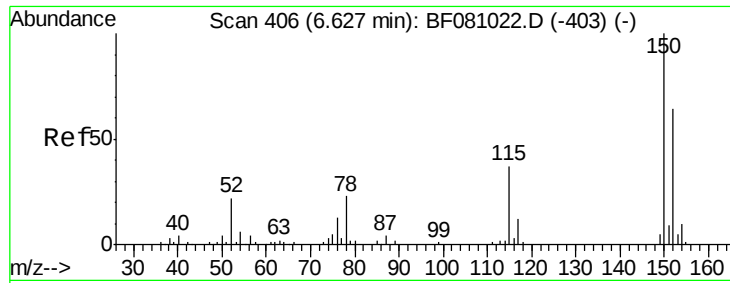
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	104563	35.10	ng	96
43) 2,4,5-Trichlorophenol	8.87	196	99451	33.40	ng #	92
45) 1,1'-Biphenyl	9.01	154	431267	37.46	ng	99
46) 2-Chloronaphthalene	9.02	162	297506	32.16	ng #	92
47) 2-Nitroaniline	9.12	65	119266	31.51	ng	99
48) Acenaphthylene	9.43	152	474182	28.66	ng	99
49) Dimethylphthalate	9.32	163	332918	30.93	ng	99
50) 2,6-Dinitrotoluene	9.37	165	75857	32.82	ng #	77
51) Acenaphthene	9.60	154	281946	28.46	ng	99
52) 3-Nitroaniline	9.53	138	55824	19.30	ng	98
53) 2,4-Dinitrophenol	9.65	184	92443	73.11	ng #	75
54) Dibenzofuran	9.77	168	424116	31.95	ng #	90
55) 4-Nitrophenol	9.72	139	136055	66.98	ng #	80
56) 2,4-Dinitrotoluene	9.77	165	97932	31.97	ng #	68
57) Fluorene	10.12	166	316391	30.98	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	81371m	35.31	ng	
59) Diethylphthalate	10.01	149	368874	32.37	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	151833	35.14	ng	97
61) 4-Nitroaniline	10.15	138	98894	33.45	ng	91
62) Azobenzene	10.28	77	466420	35.52	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	54933	34.36	ng #	36
65) n-Nitrosodiphenylamine	10.24	169	326306	34.15	ng	98
66) 4-Bromophenyl-phenylether	10.60	248	82347	31.31	ng #	62
67) Hexachlorobenzene	10.66	284	87512	32.86	ng #	83
68) Atrazine	10.77	200	88010	33.06	ng	98
69) Pentachlorophenol	10.86	266	112534	70.42	ng	100
70) Phenanthrene	11.06	178	460430	29.02	ng	99
71) Anthracene	11.12	178	556469	36.05	ng	99
72) Carbazole	11.28	167	561934	37.81	ng	99
73) Di-n-butylphthalate	11.62	149	602959	33.52	ng	98
74) Fluoranthene	12.24	202	559411	32.68	ng	94
76) Benzidine	12.37	184	193414	21.40	ng	98
77) Pyrene	12.47	202	609567	31.34	ng	99
79) Butylbenzylphthalate	13.11	149	279835	33.48	ng	99
80) Benzo(a)anthracene	13.65	228	534354	33.31	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	132408	25.48	ng #	95
82) Chrysene	13.68	228	405860	28.07	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	383936	35.86	ng	99
84) Di-n-octyl phthalate	14.28	149	638536	39.24	ng	98
85) Indeno(1,2,3-cd)pyrene	16.16	276	344449	33.93	ng #	95
87) Benzo(b)fluoranthene	14.64	252	484228m	40.27	ng	
88) Benzo(k)fluoranthene	14.67	252	336781m	30.06	ng	
89) Benzo(a)pyrene	14.94	252	385296	36.77	ng	97
90) Dibenzo(a,h)anthracene	16.19	278	287547	35.22	ng	99
91) Benzo(g,h,i)perylene	16.52	276	287225	34.68	ng #	91

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



#1

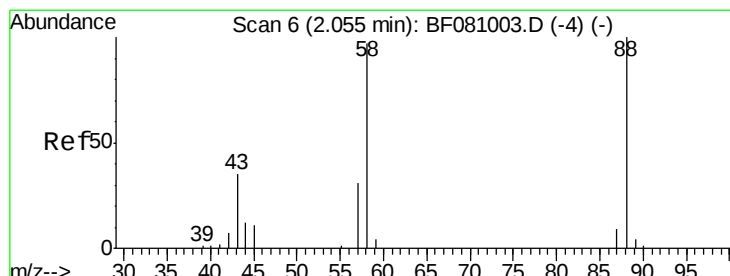
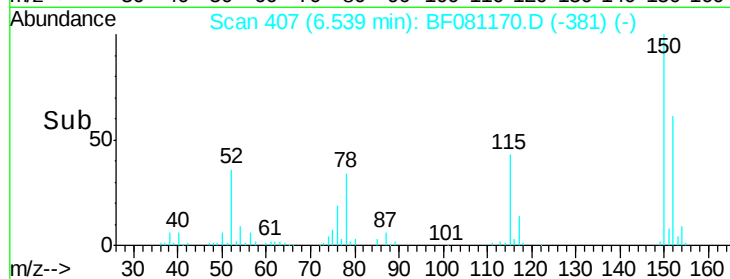
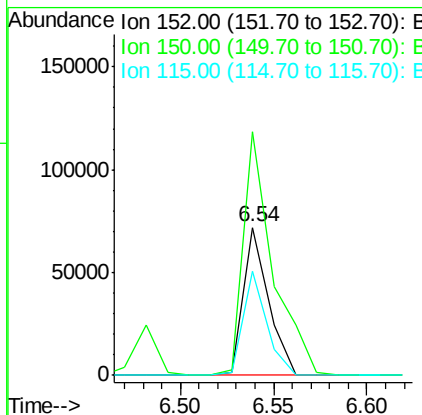
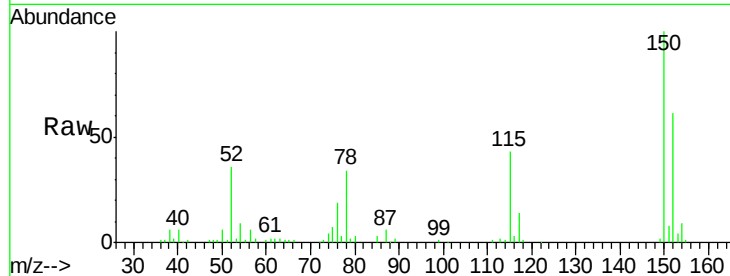
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.2	123.8	185.6
115	70.5	52.1	78.1

Manual Integrations
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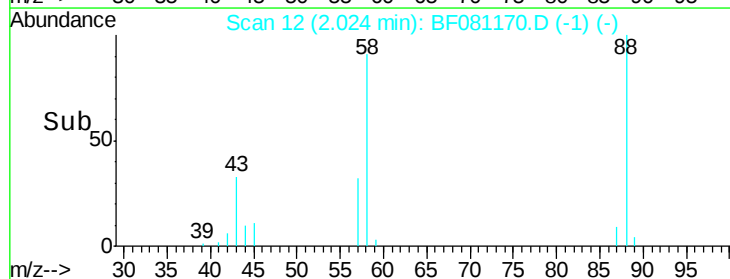
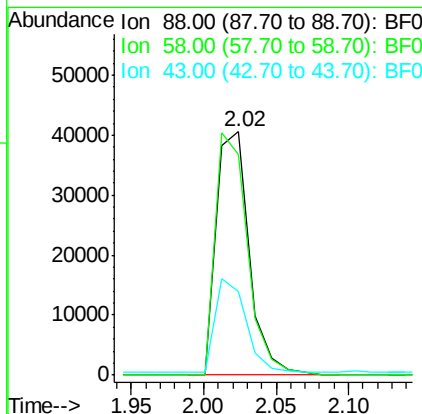
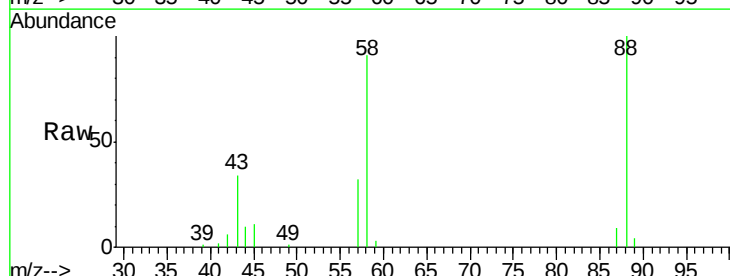
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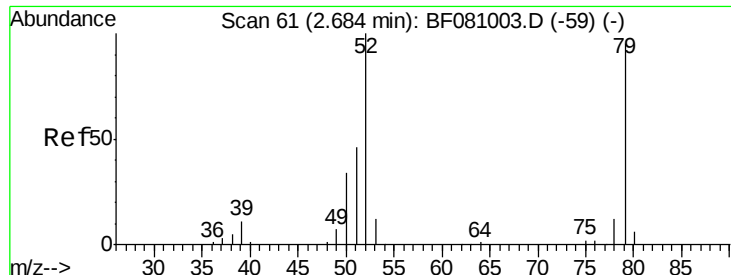


#2

1,4-Dioxane
Concen: 30.14 ng
RT: 2.02 min Scan# 12
Delta R.T. 0.09 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	83.7	125.5
43	37.9	37.5	56.3





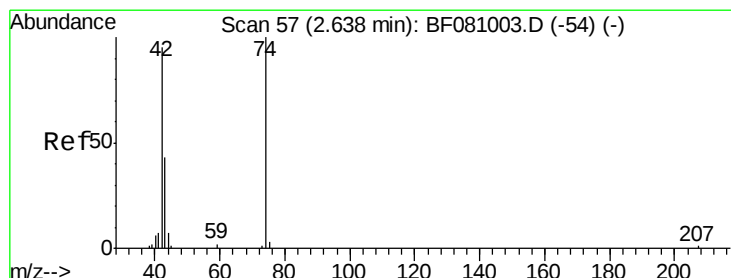
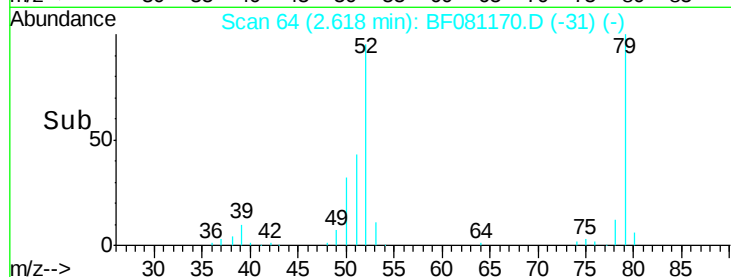
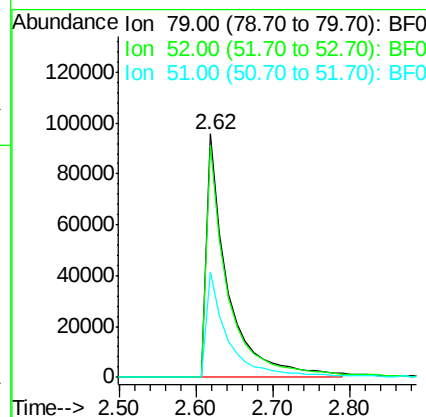
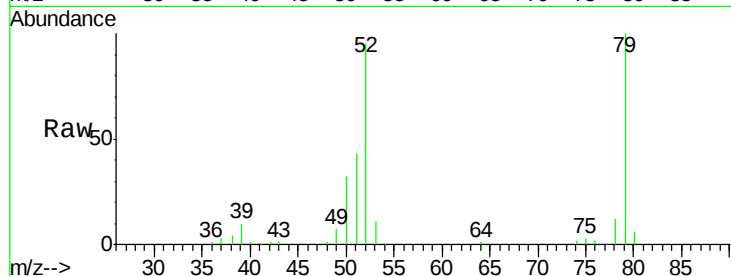
#3
 Pyridine
 Concen: 30.47 ng
 RT: 2.62 min Scan# 64
 Delta R.T. 0.08 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	95.1	95.1	142.7#
51	43.1	46.6	70.0#

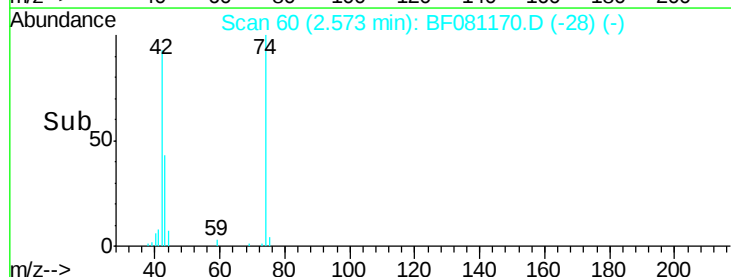
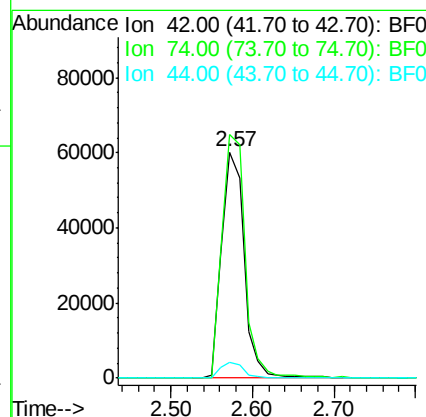
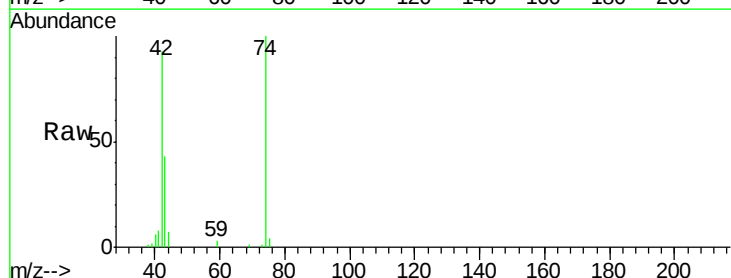
Manual Integrations
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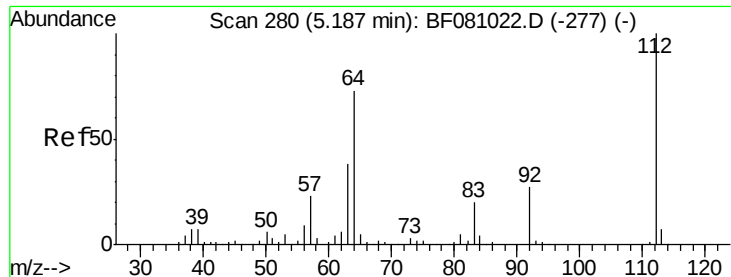
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#4
 n-Nitrosodimethylamine
 Concen: 34.72 ng
 RT: 2.57 min Scan# 60
 Delta R.T. 0.07 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.8	69.3	103.9#
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 116.59 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

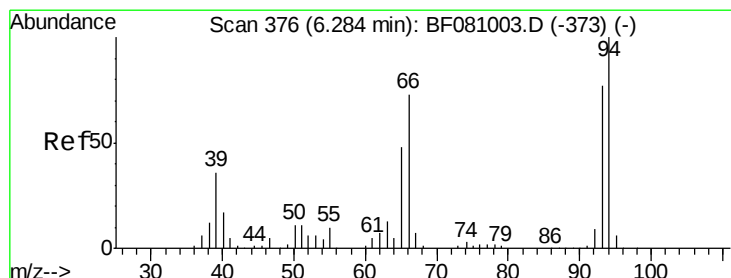
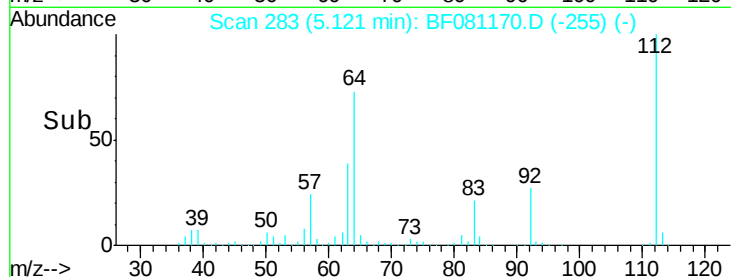
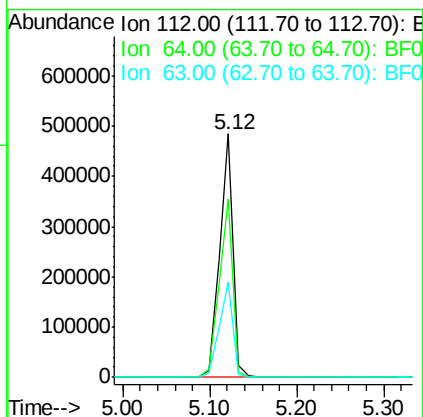
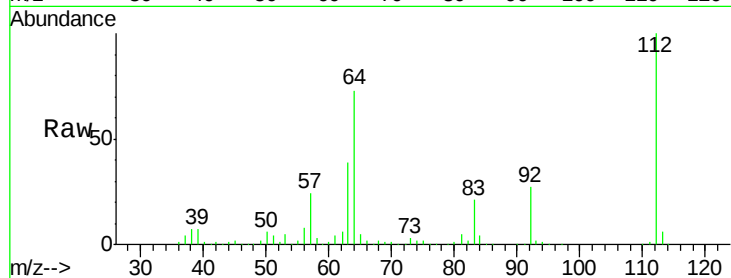
ClientSampleId :

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Tgt Ion:	112	Resp:	523468
Ion Ratio	Lower	Upper	
112	100		
64	73.3	66.9	100.3
63	39.0	38.1	57.1

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#6

Aniline

Concen: 22.20 ng

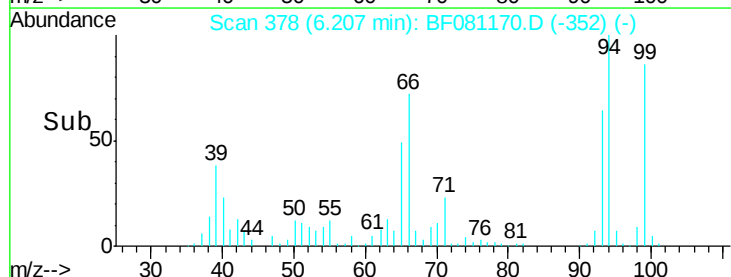
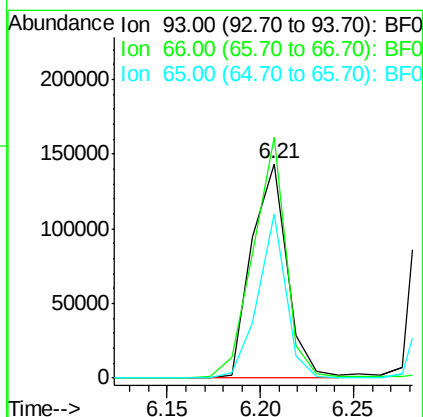
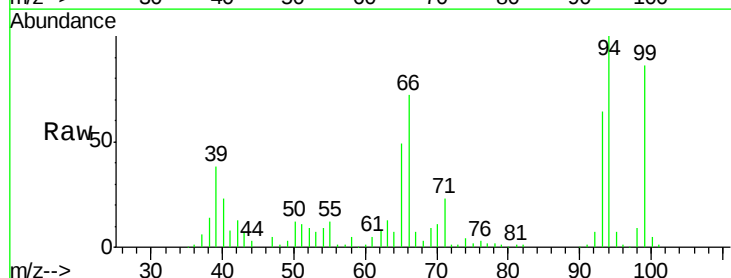
RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	93	Resp:	189052
Ion Ratio	Lower	Upper	
93	100		
66	112.3	35.6	53.4#
65	76.4	18.7	28.1#





#7

Phenol-d6

Concen: 111.37 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

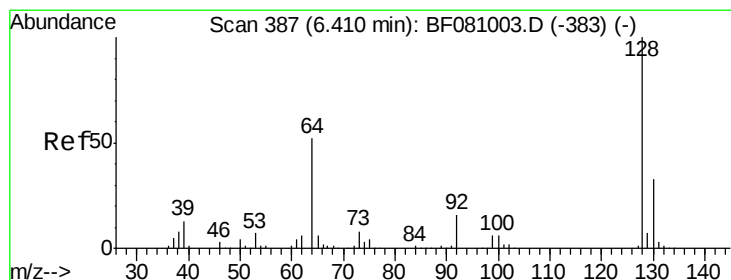
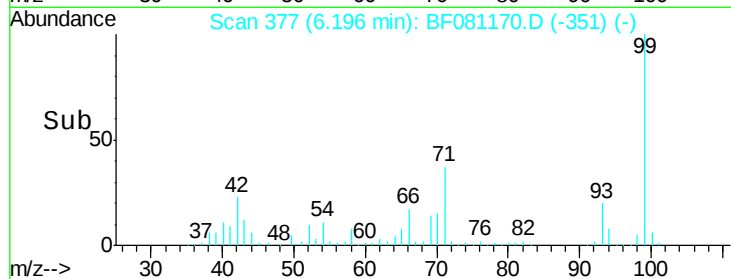
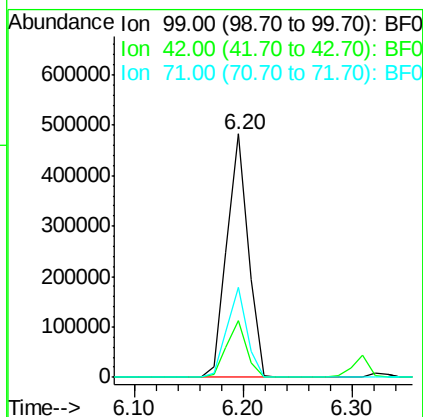
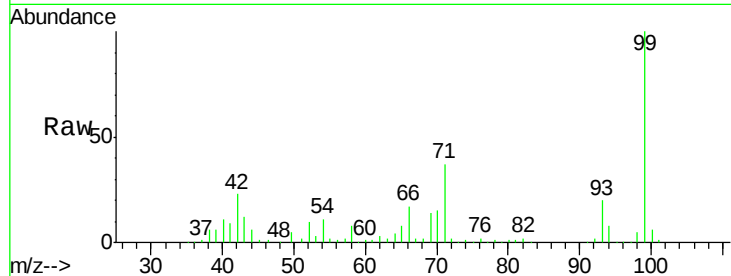
ClientSampleId :

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Tgt Ion:	99	Resp:	652418
Ion Ratio	Lower	Upper	
99	100		
42	23.2	19.6	29.4
71	37.1	31.2	46.8

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#8

2-Chlorophenol

Concen: 35.46 ng

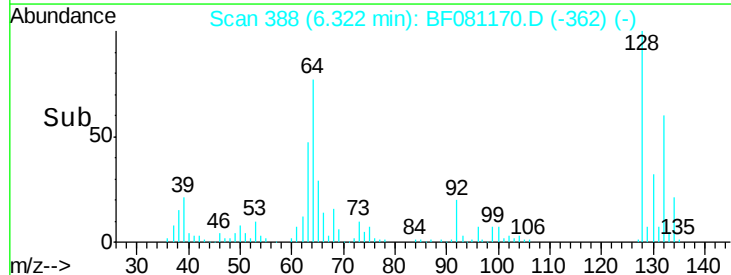
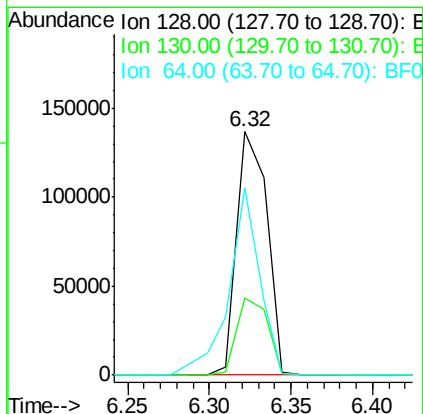
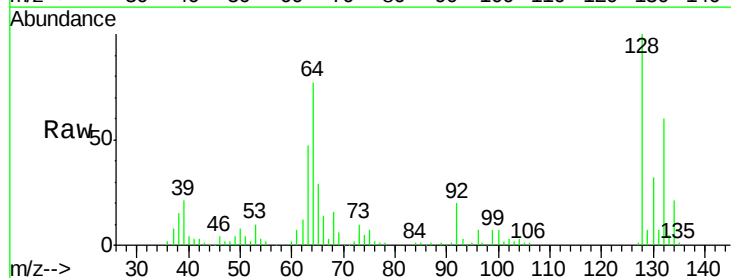
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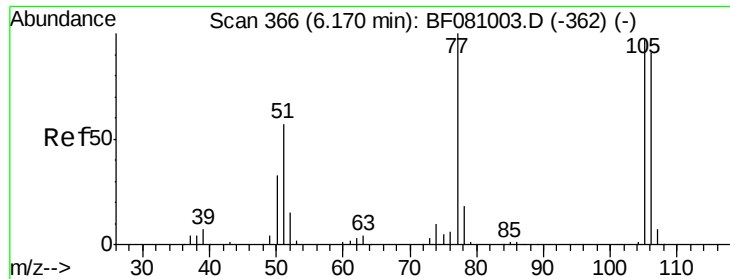
Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	128	Resp:	174285
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.5	52.5
64	76.8	46.8	86.8





#9

Benzaldehyde

Concen: 12.87 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

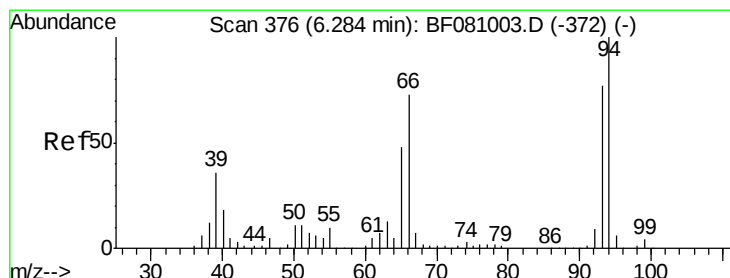
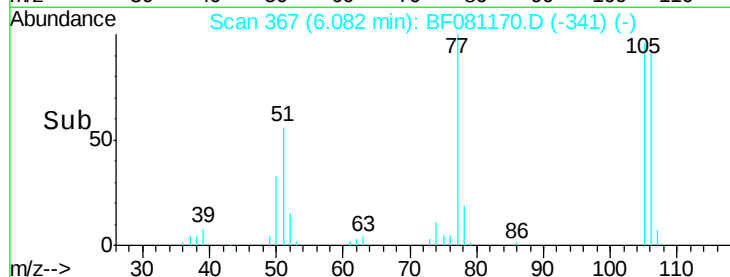
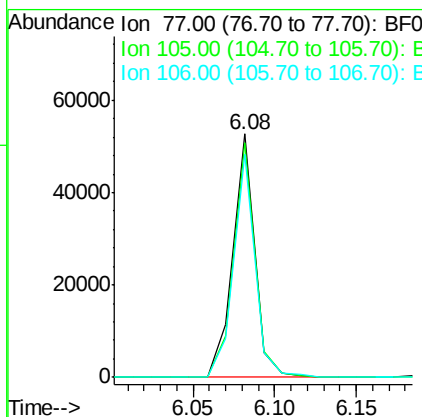
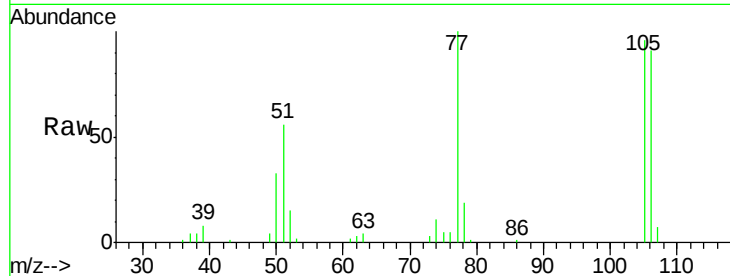
ClientSampleId :

PB85016BS

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Tgt Ion:	77	Resp:	48621
Ion	Ratio	Lower	Upper
77	100		
105	96.3	69.6	109.6
106	91.5	64.0	104.0



#10

Phenol

Concen: 30.70 ng

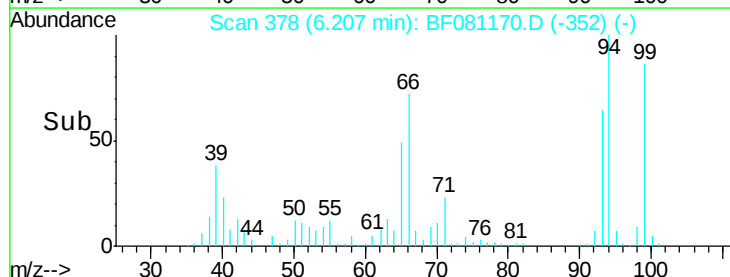
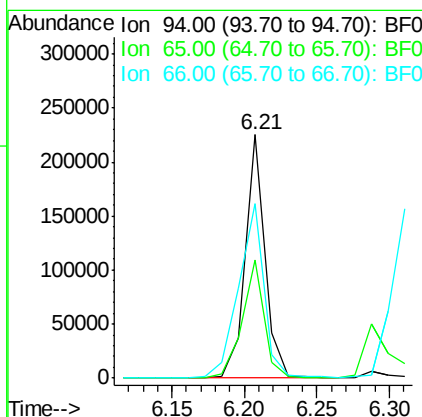
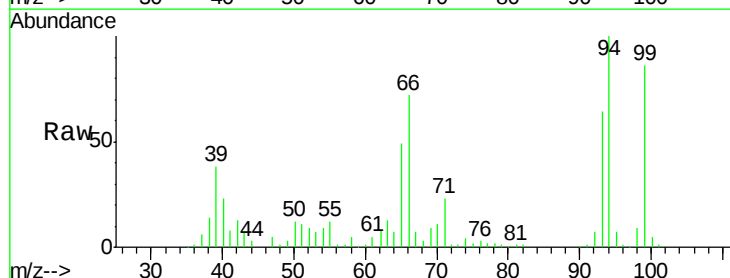
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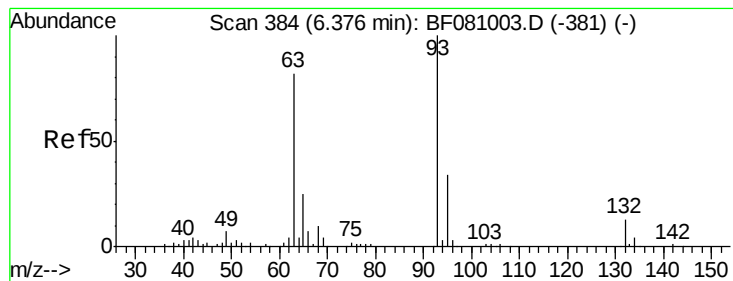
Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	94	Resp:	212416
Ion	Ratio	Lower	Upper
94	100		
65	48.7	28.4	68.4
66	71.6	52.3	92.3





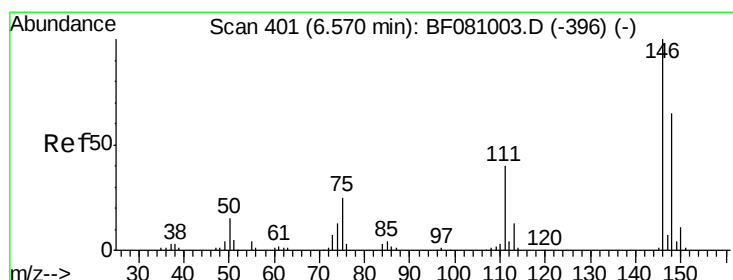
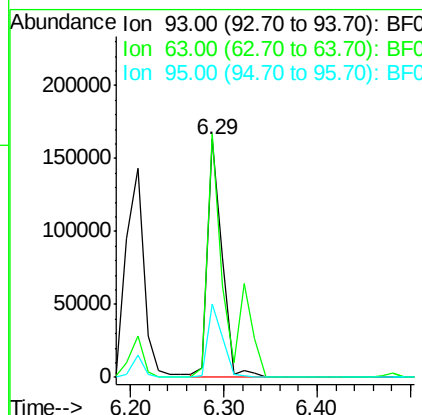
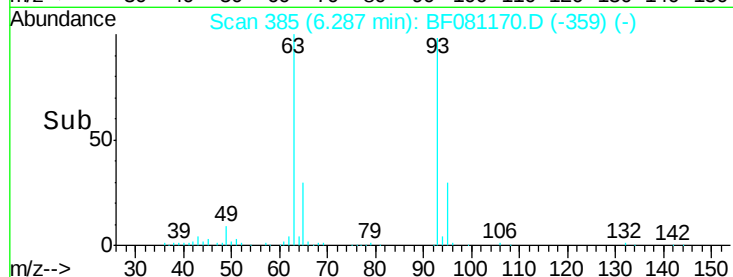
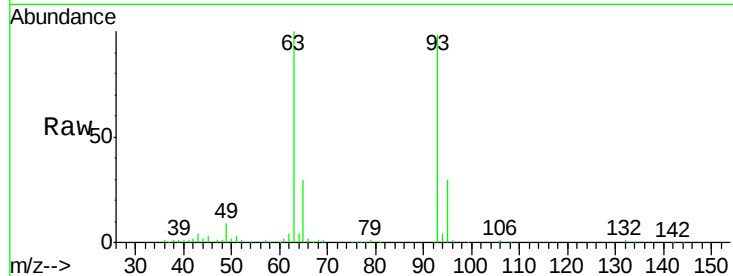
#11
bis(2-Chloroethyl)ether
Concen: 34.12 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	181131		
63	102.3	69.6	109.6	
95	31.0	12.3	52.3	

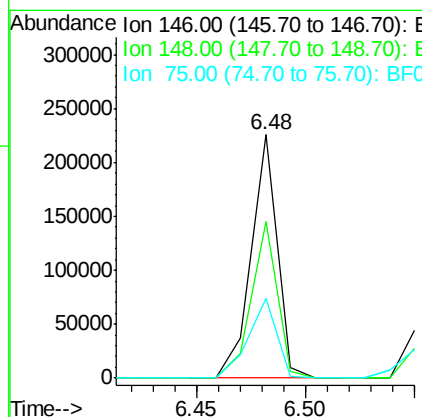
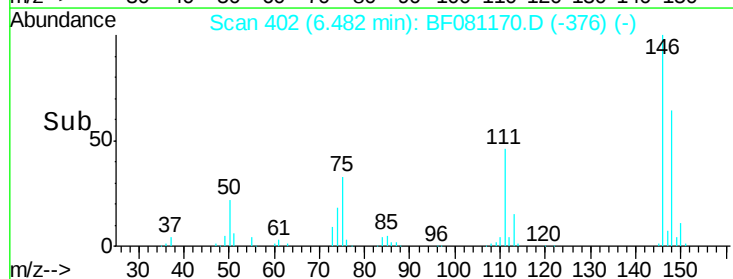
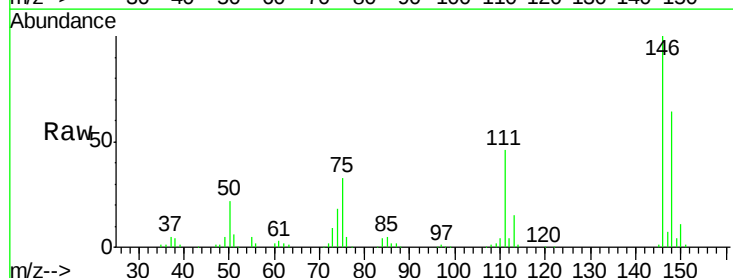
Manual Integrations
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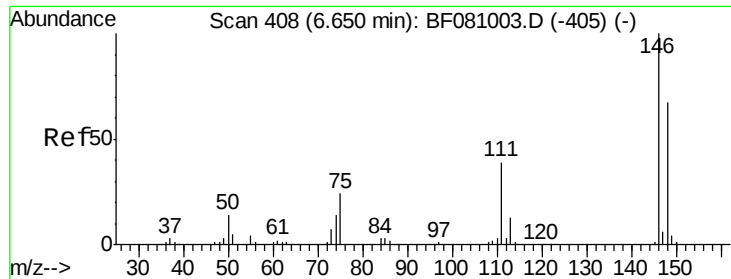
MMDadoda
8/24/2015 7:11:07 PM



#12
1,3-Dichlorobenzene
Concen: 35.54 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187652		
148	64.4	53.3	79.9	
75	33.0	25.0	37.6	





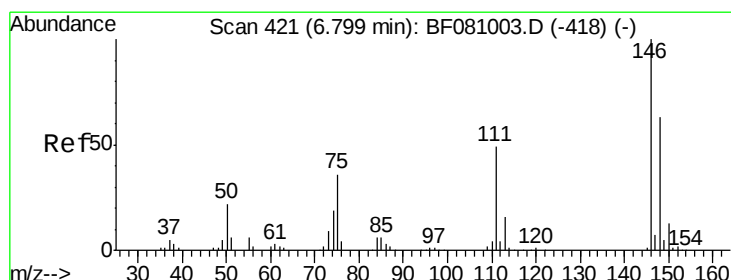
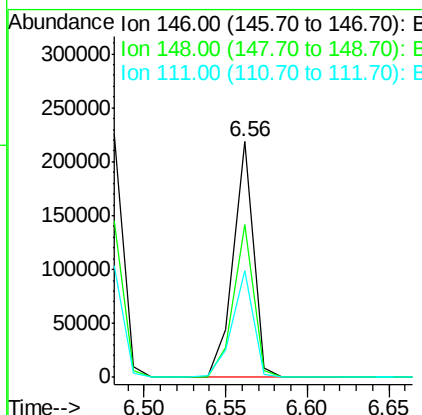
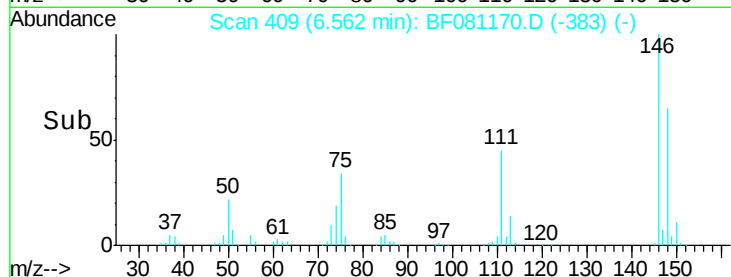
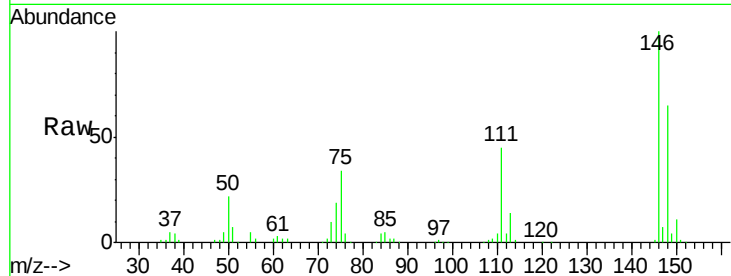
#13
 1,4-Dichlorobenzene
 Concen: 35.81 ng
 RT: 6.56 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187237		
148	64.8	52.3	78.5	
111	45.2	34.4	51.6	

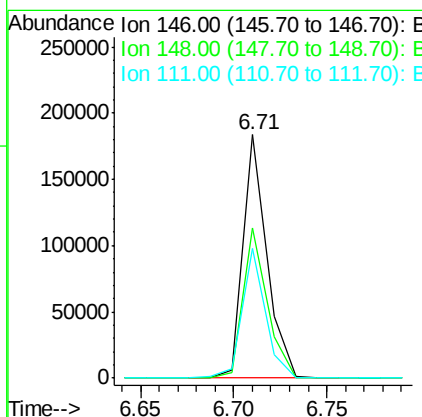
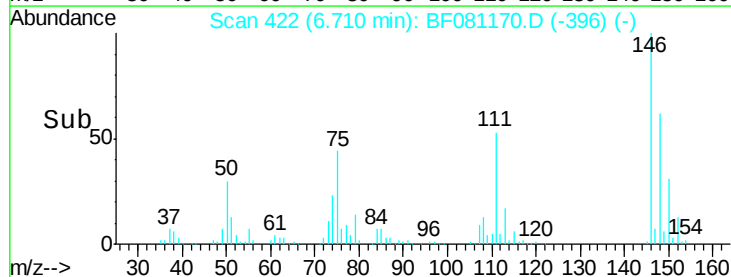
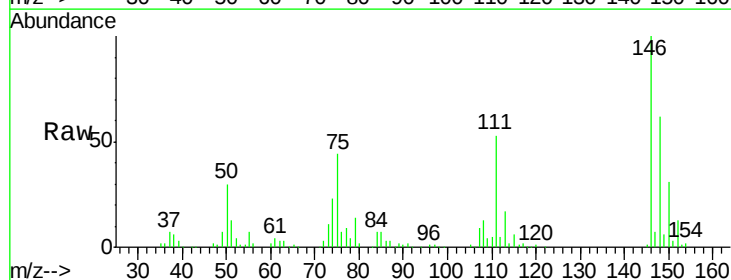
Manual Integrations
 APPROVED

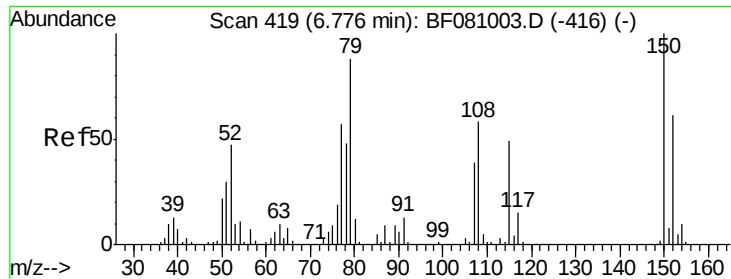
MMDadoda
 8/24/2015 7:11:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.18 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162395		
148	61.8	48.7	73.1	
111	53.2	42.3	63.5	





#15

Benzyl Alcohol

Concen: 34.86 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081170.D

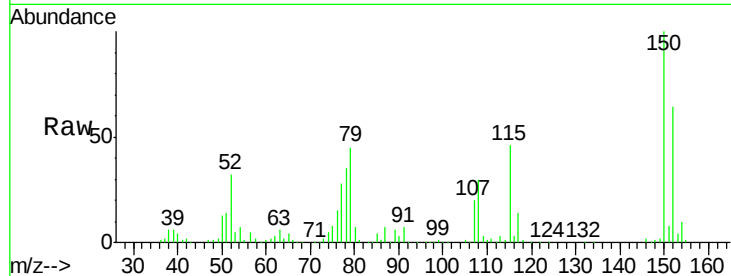
Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

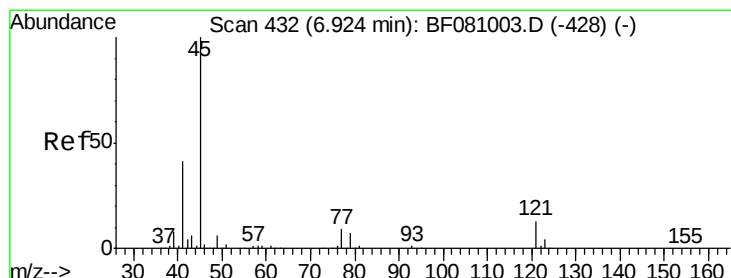
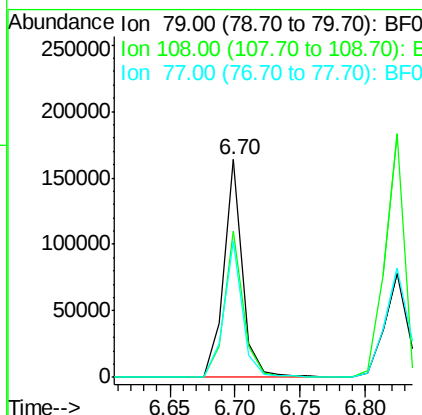
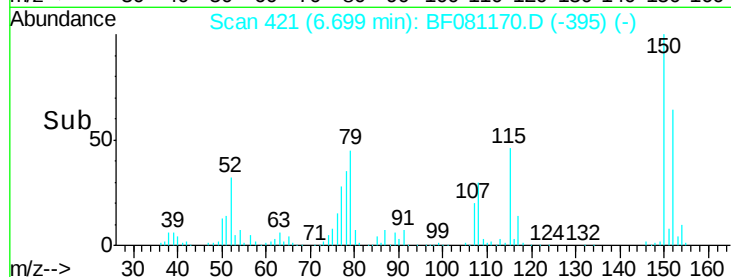
PB85016BS



Tgt Ion	Ratio	Lower	Upper
79	100		
108	67.3	49.4	74.2
77	62.7	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.43 ng

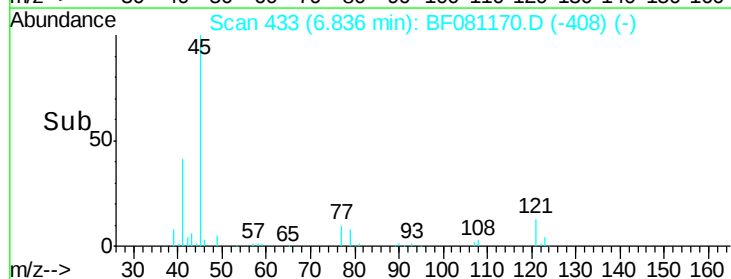
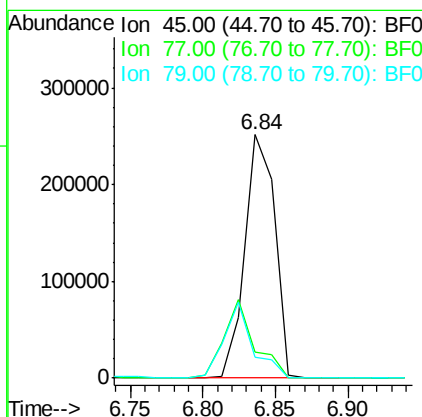
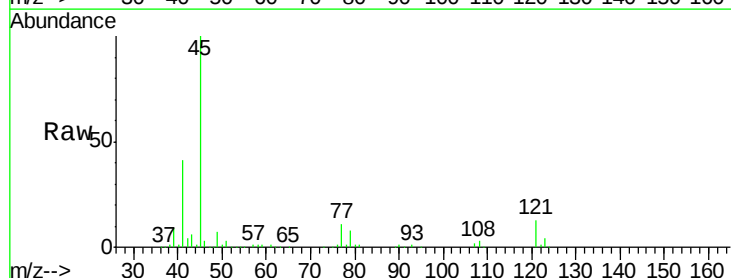
RT: 6.84 min Scan# 433

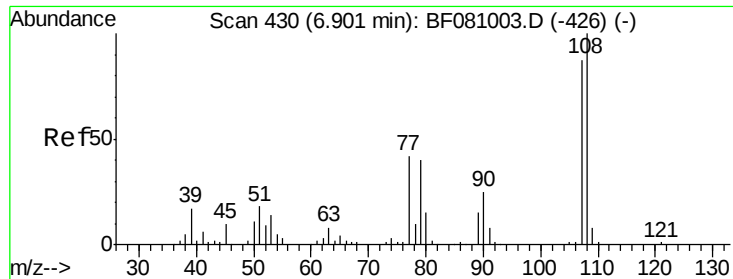
Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.2
79	8.4	0.0	28.0





#17

2-Methylphenol

Concen: 38.81 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

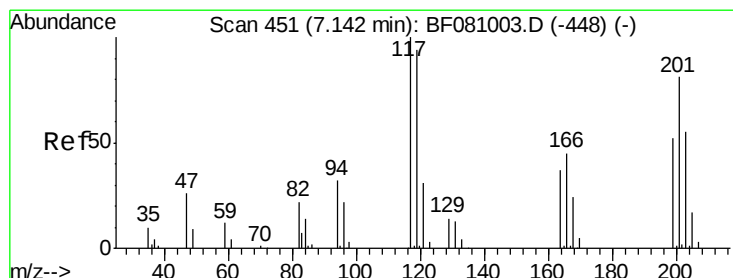
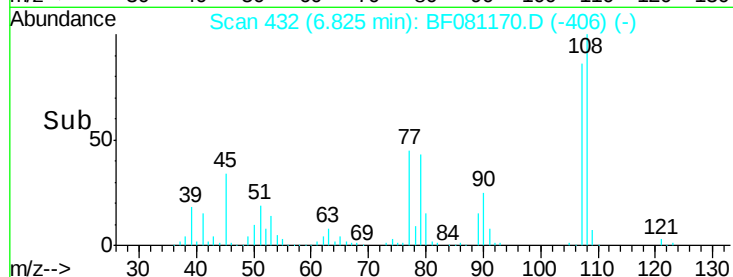
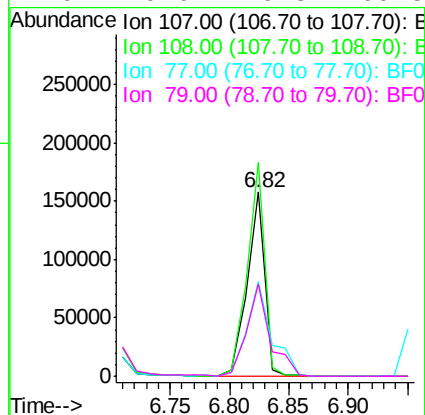
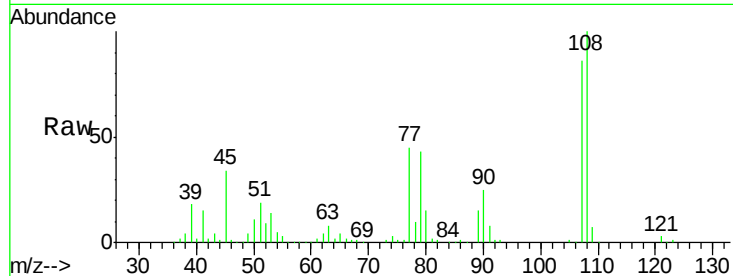
ClientSampleId :

PB85016BS

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Tgt Ion:	107	Resp:	163634
Ion Ratio	Lower	Upper	
107	100		
108	116.2	90.4	135.6
77	51.8	46.5	69.7
79	49.9	46.3	69.5



#18

Hexachloroethane

Concen: 33.96 ng

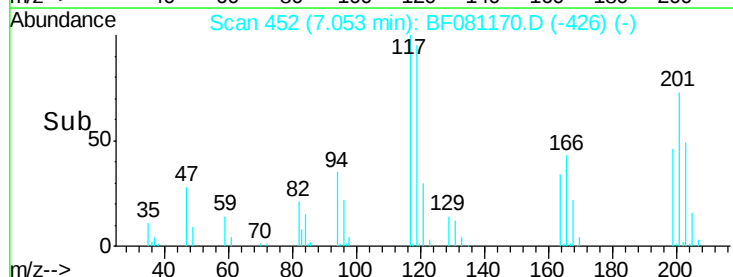
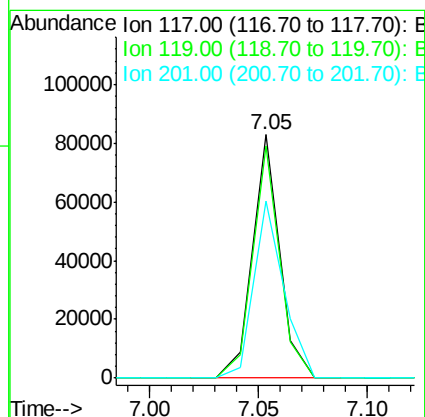
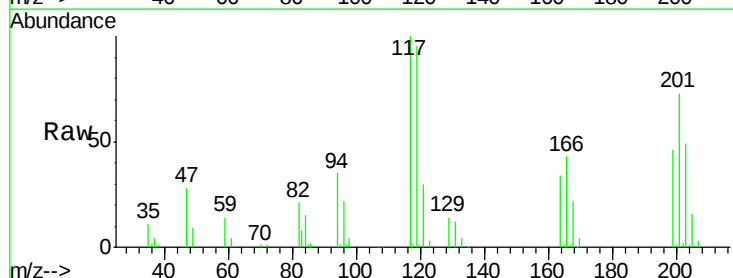
RT: 7.05 min Scan# 452

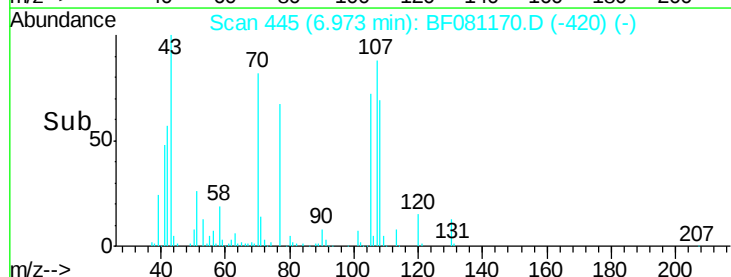
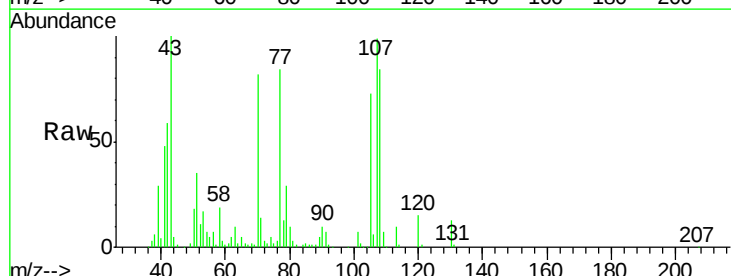
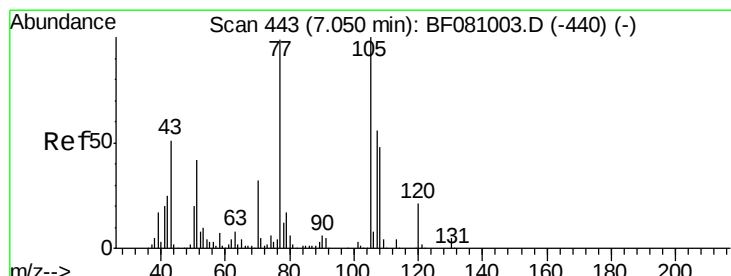
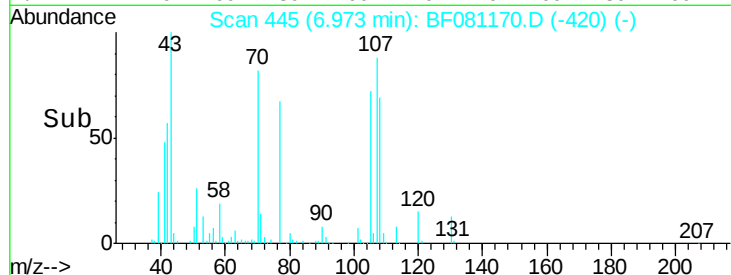
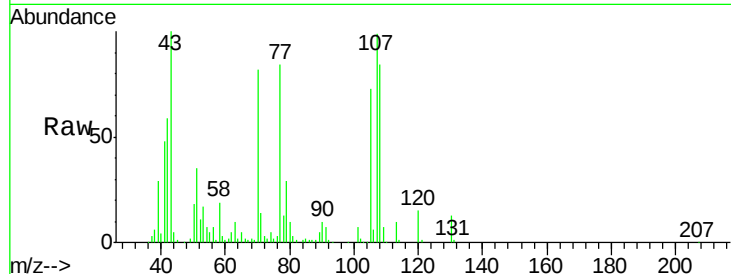
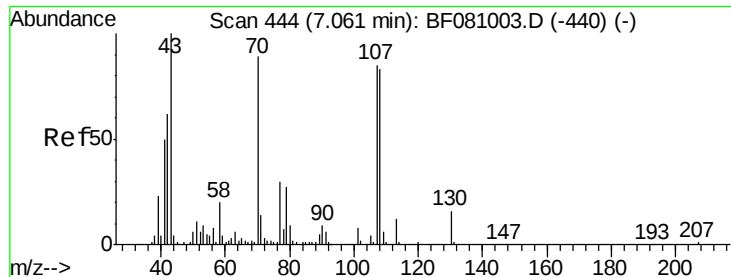
Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	117	Resp:	71746
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.9	116.9
201	72.9	61.3	91.9





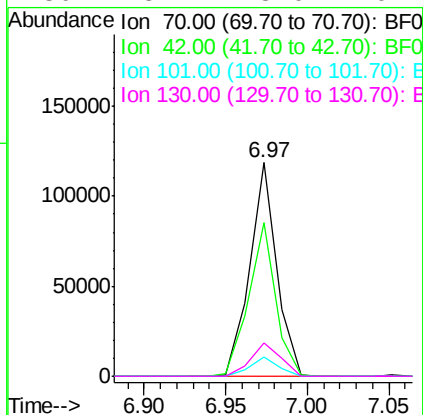
#19
n-Nitroso-di-n-propylamine
Concen: 33.45 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		135726		
42	72.0	65.0	97.4		
101	9.1	7.4	11.2		
130	15.7	13.0	19.4		

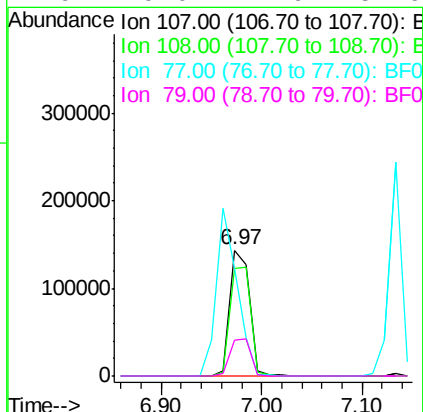
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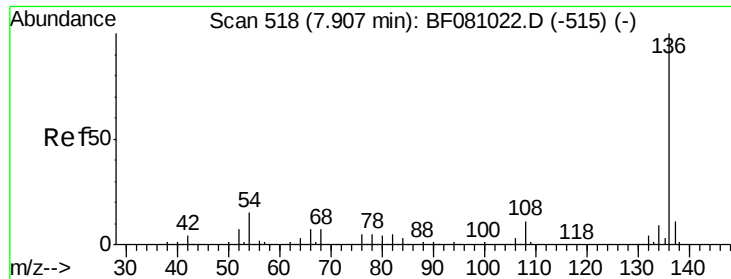
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#20
3+4-Methylphenols
Concen: 36.91 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		197526		
108	85.6	66.1	106.1		
77	85.7	139.3	179.3#		
79	29.0	11.9	51.9		





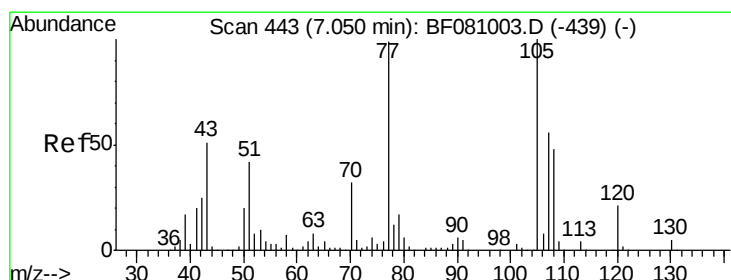
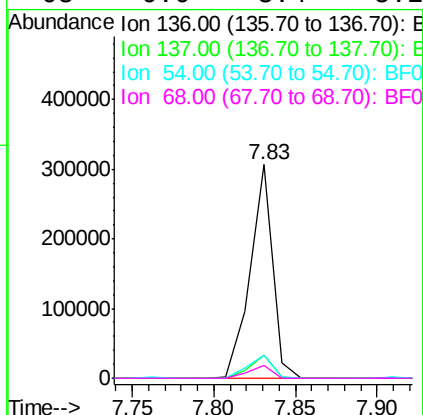
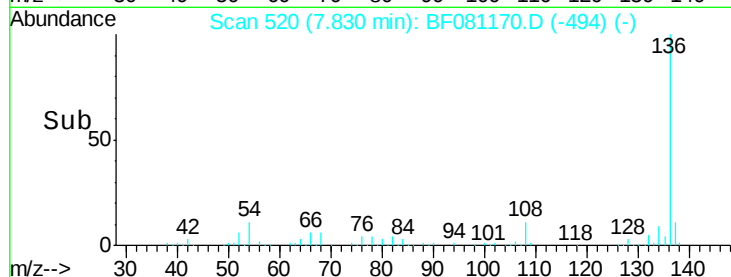
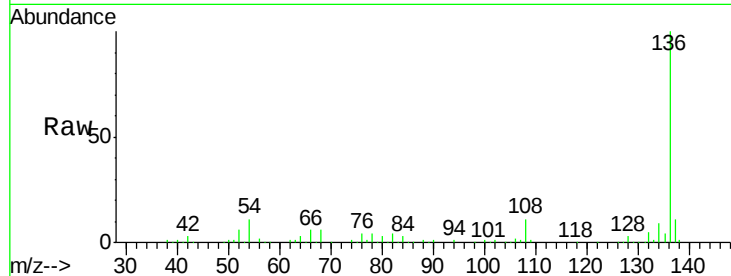
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	292159		
137	10.7	8.2	12.2	
54	10.8	7.7	11.5	
68	6.0	3.4	5.2	

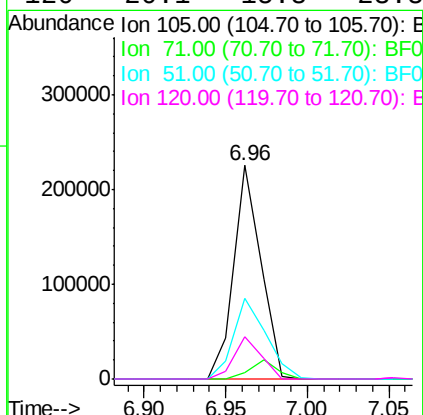
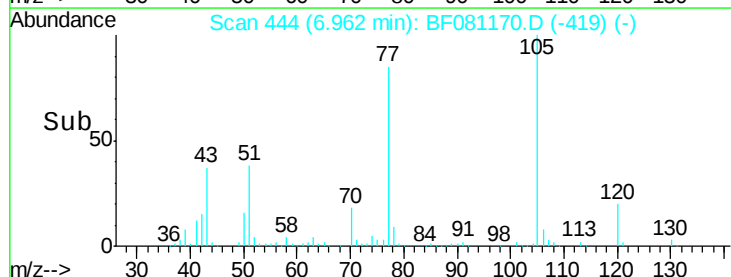
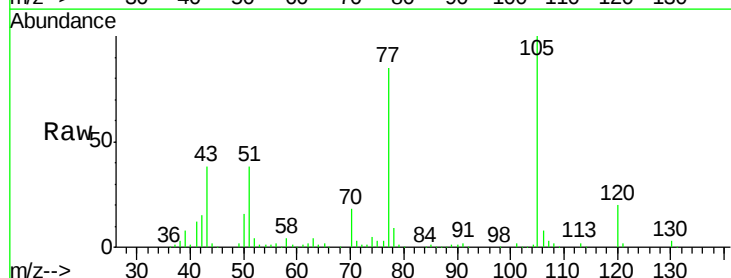
Manual Integrations
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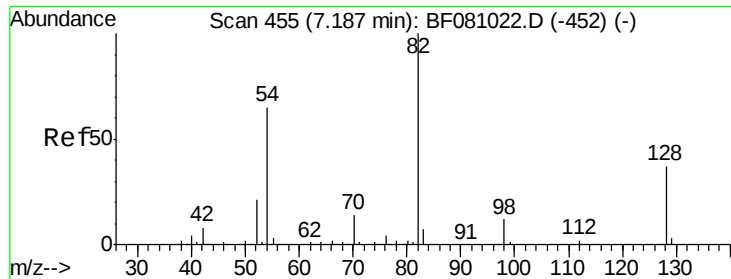
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#22
Acetophenone
Concen: 33.79 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259154		
71	3.2	3.0	4.6	
51	37.6	39.8	59.8	
120	20.1	15.8	23.8	





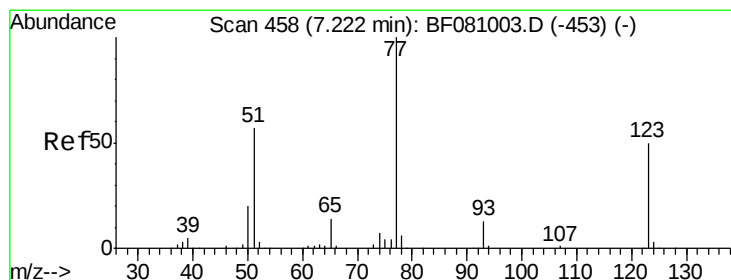
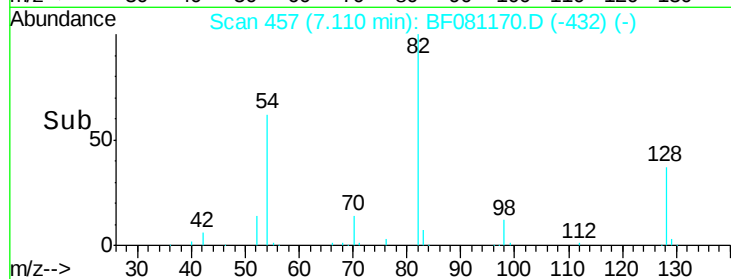
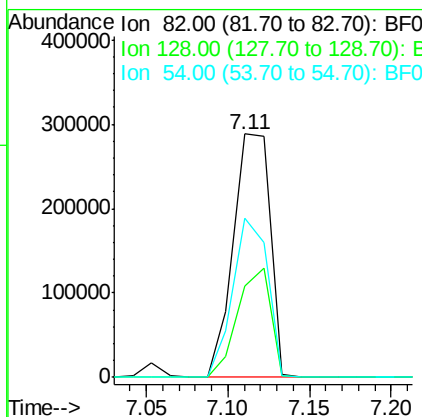
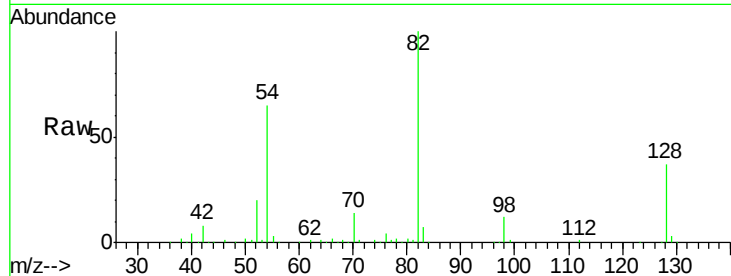
#23
 Nitrobenzene-d5
 Concen: 70.48 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	450763		
128	37.3	28.6	42.8	
54	65.2	55.1	82.7	

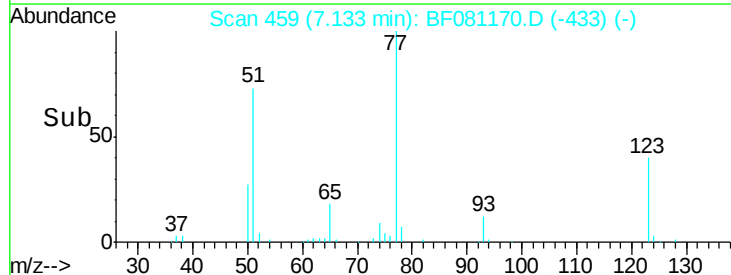
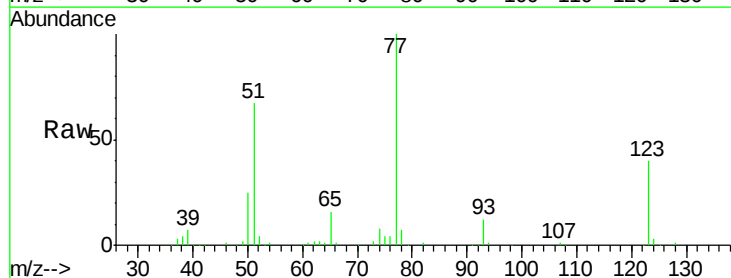
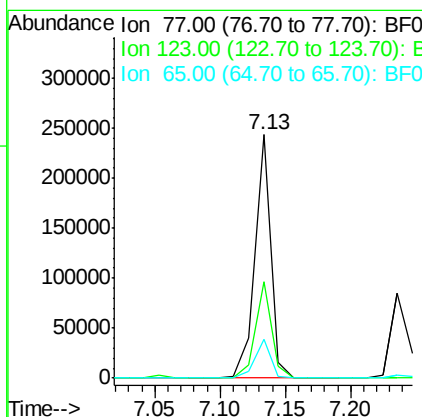
Manual Integrations
 APPROVED

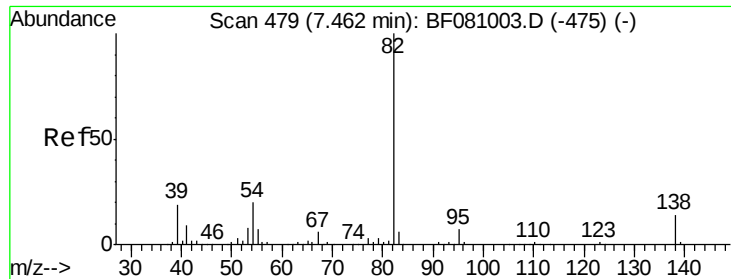
MMDadoda
 8/24/2015 7:11:07 PM



#24
 Nitrobenzene
 Concen: 31.13 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	208151		
123	39.5	32.9	49.3	
65	15.8	12.5	18.7	





#25

Isophorone

Concen: 31.32 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

Tgt Ion: 82 Resp: 373592

Ion Ratio Lower Upper

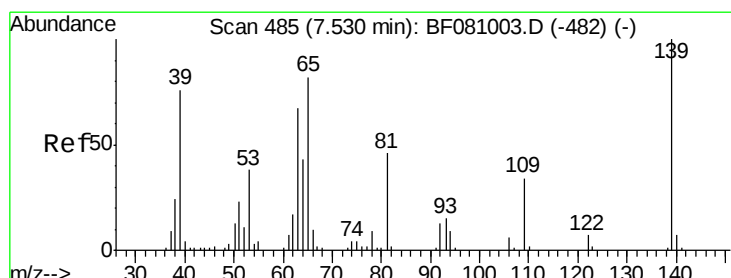
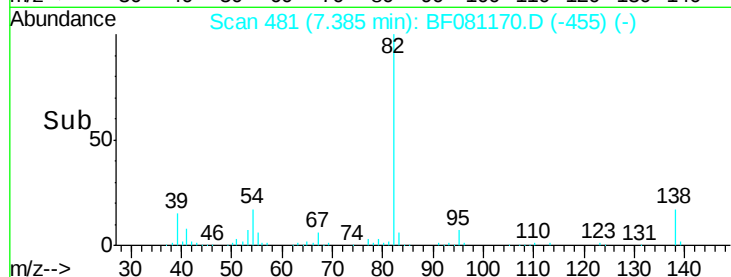
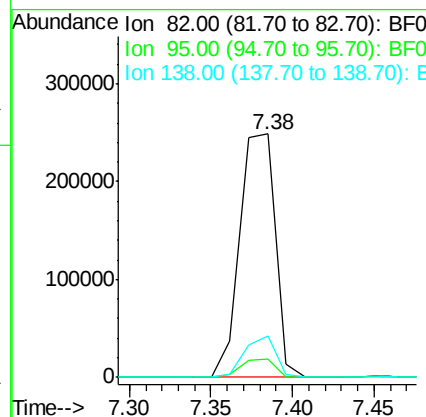
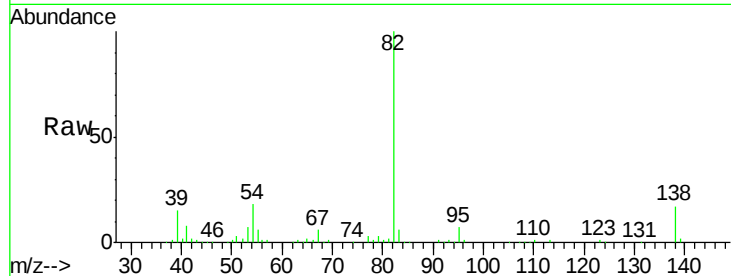
82 100

95 7.3 6.2 9.2

138 16.9 10.5 15.7#

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.71 ng

RT: 7.45 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

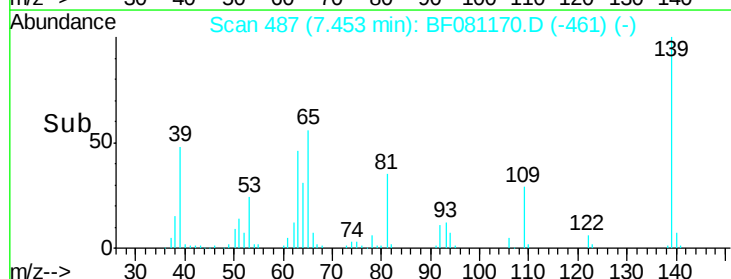
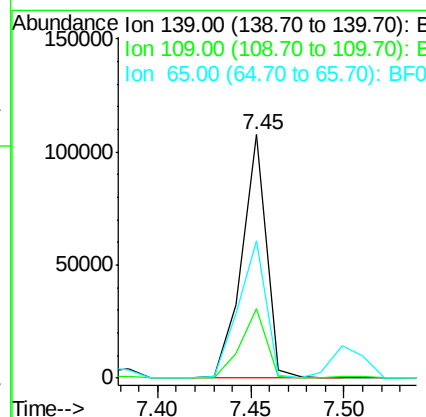
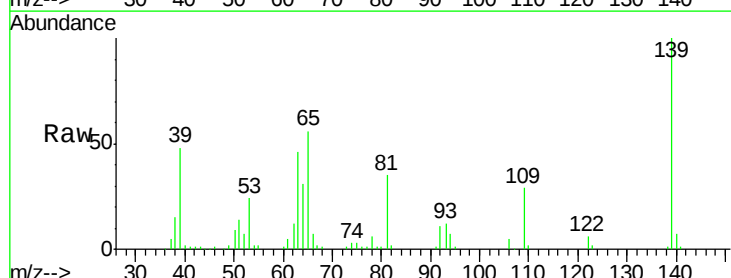
Tgt Ion: 139 Resp: 99307

Ion Ratio Lower Upper

139 100

109 28.5 32.1 48.1#

65 56.4 69.9 104.9#





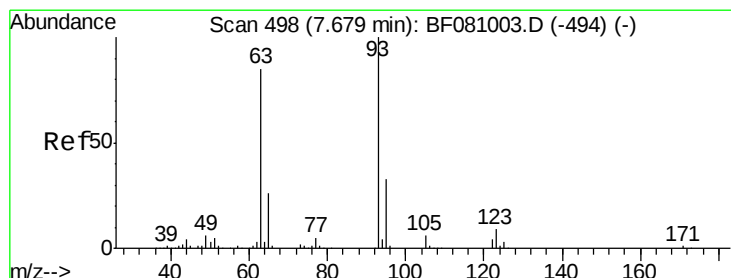
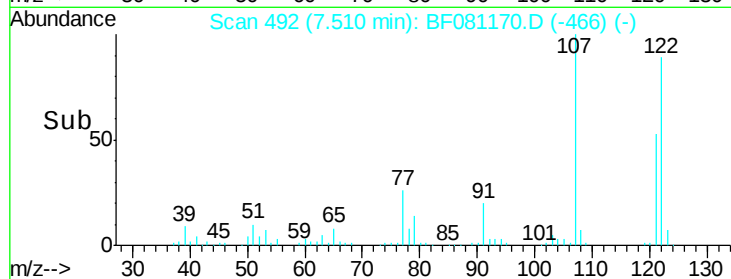
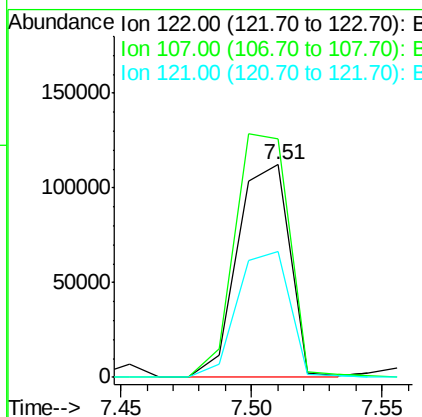
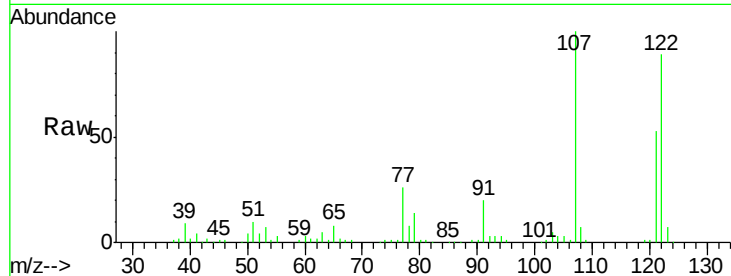
#27
 2,4-Dimethylphenol
 Concen: 32.20 ng
 RT: 7.51 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	158404		
107	112.5	103.8	155.6	
121	59.3	47.0	70.4	

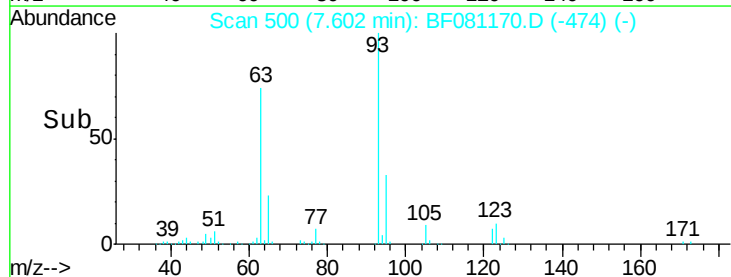
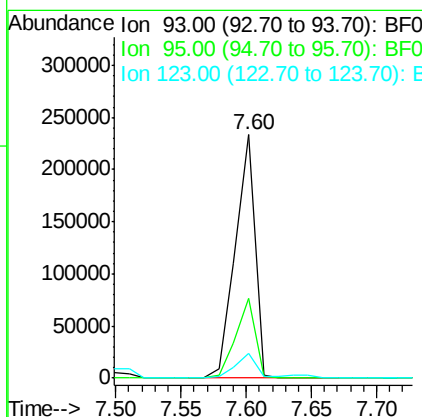
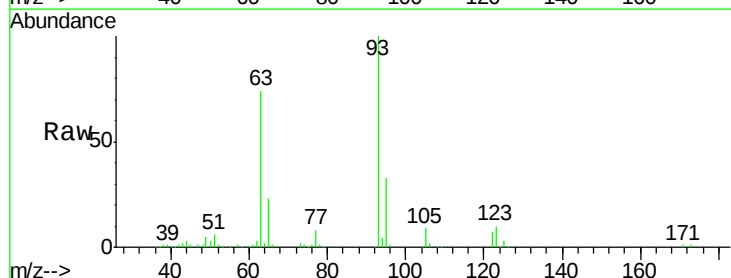
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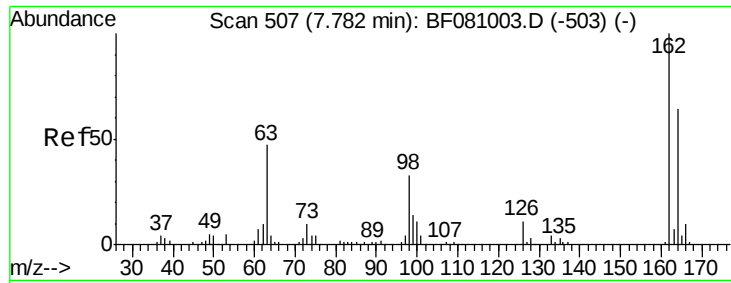
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.64 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244052		
95	32.6	25.8	38.8	
123	10.1	7.4	11.0	





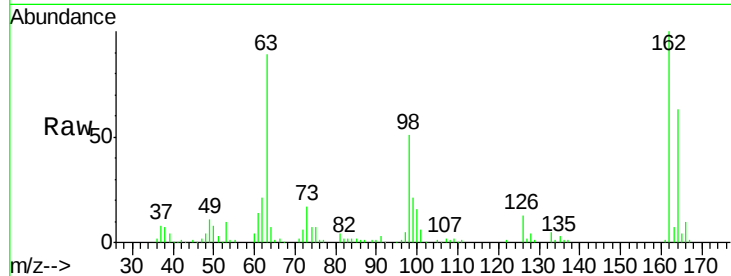
#29
 2,4-Dichlorophenol
 Concen: 32.49 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

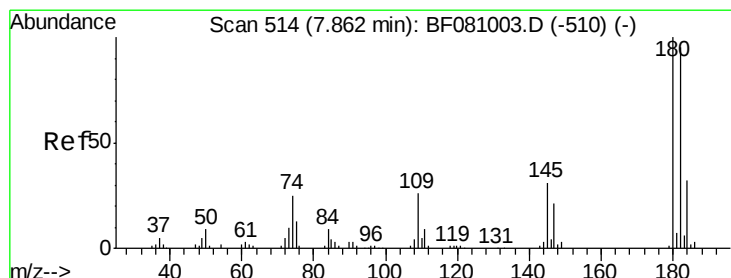
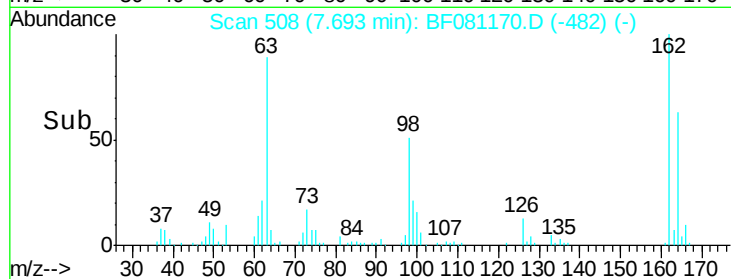
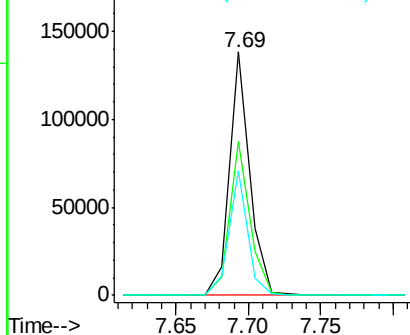
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	43.2	83.2
98	51.2	12.3	52.3

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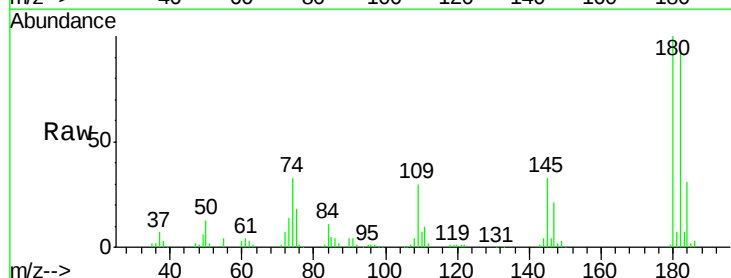


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

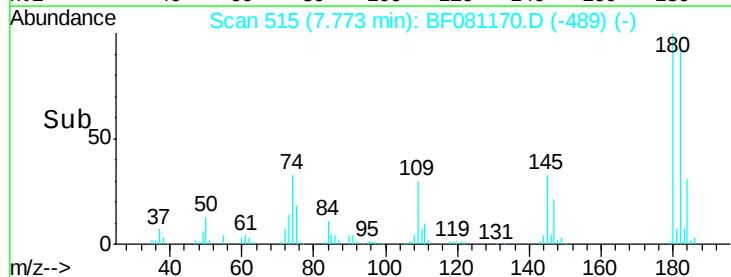
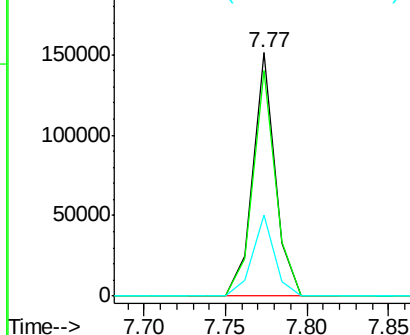


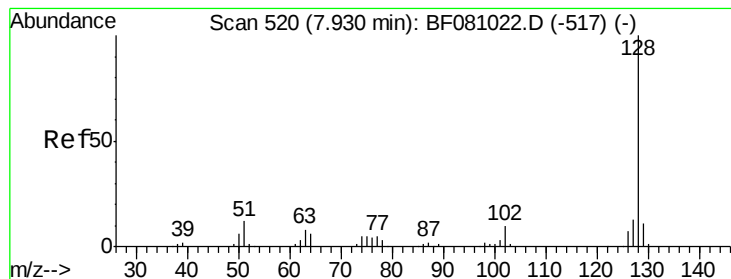
#30
 1,2,4-Trichlorobenzene
 Concen: 31.20 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.7	76.4	114.6
145	33.0	25.4	38.2



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





#31

Naphthalene

Concen: 33.75 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

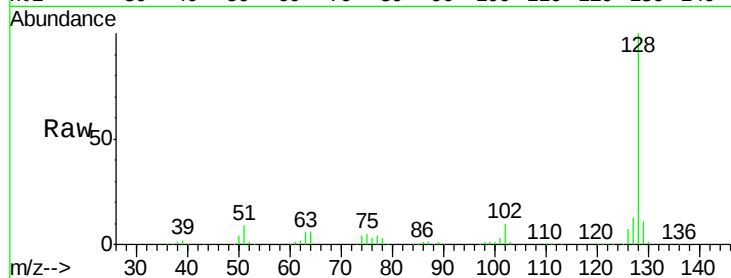
ClientSampleId :

PB85016BS

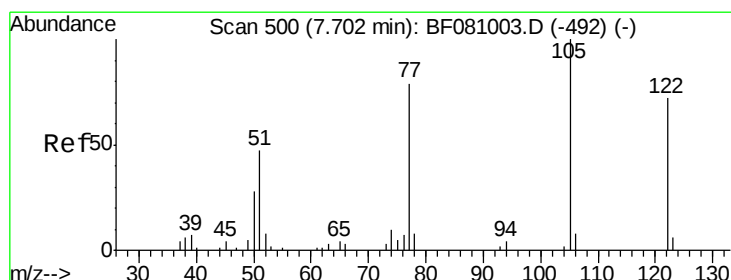
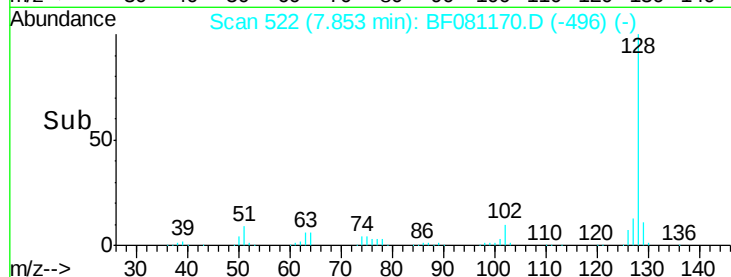
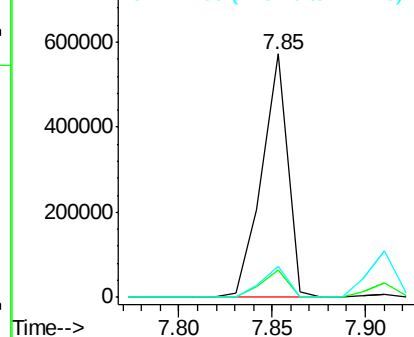
Tgt Ion:	128	Resp:	549677
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.0	10.6	16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.98 ng

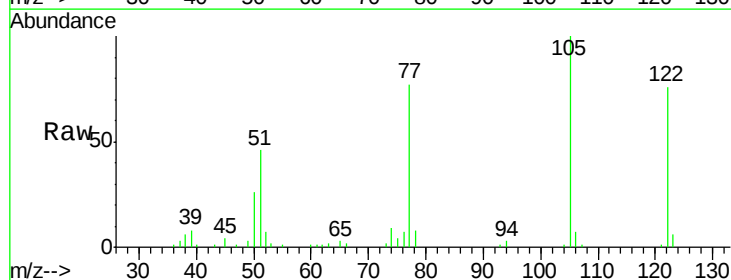
RT: 7.65 min Scan# 504

Delta R.T. -0.00 min

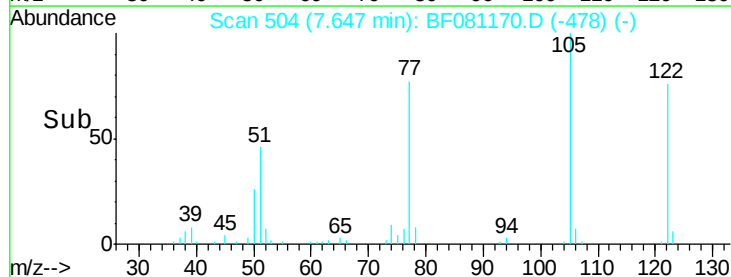
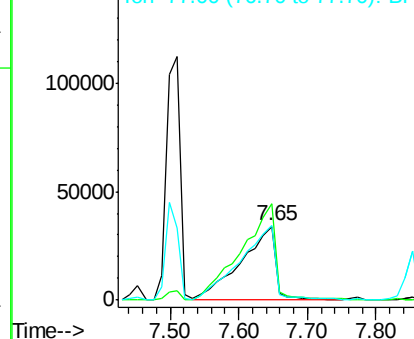
Lab File: BF081170.D

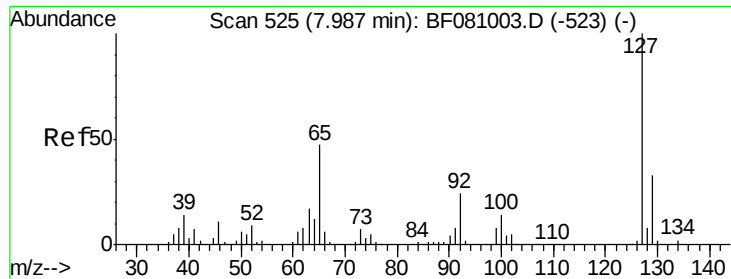
Acq: 24 Aug 2015 15:31

Tgt Ion:	122	Resp:	116180
Ion Ratio	Lower	Upper	
122	100		
105	131.1	113.8	153.8
77	100.4	93.8	133.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





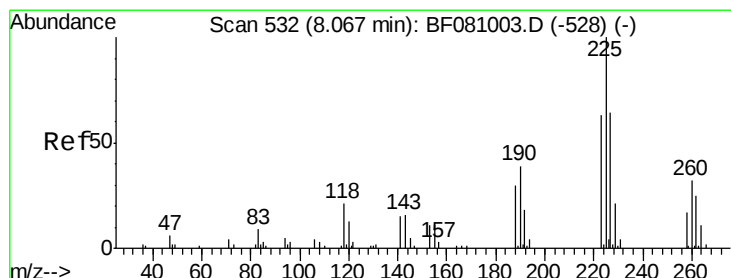
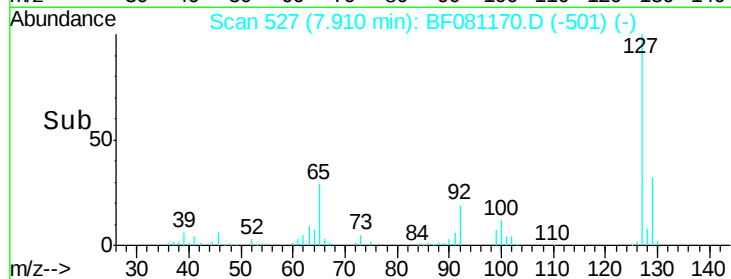
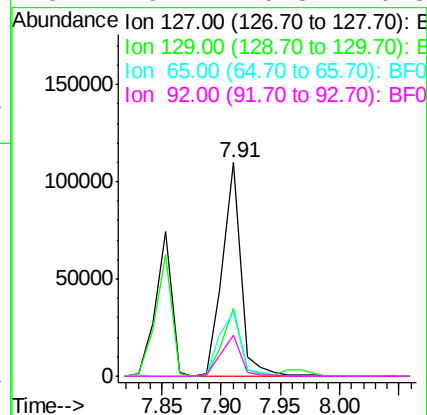
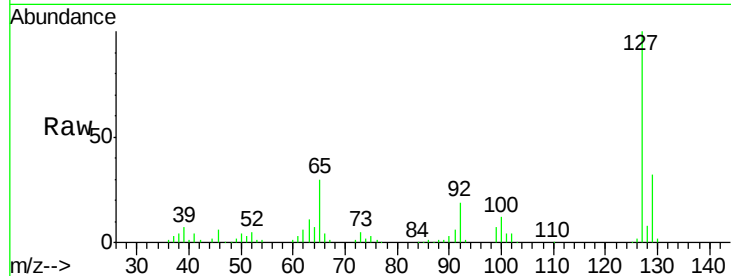
#33
4-Chloroaniline
Concen: 17.23 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	118424		
129	31.8	25.2	37.8	
65	30.1	37.8	56.6	
92	19.2	19.5	29.3	

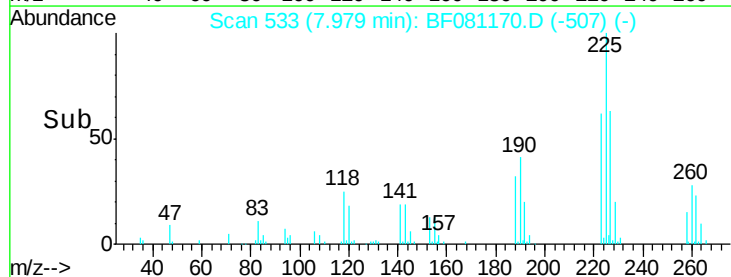
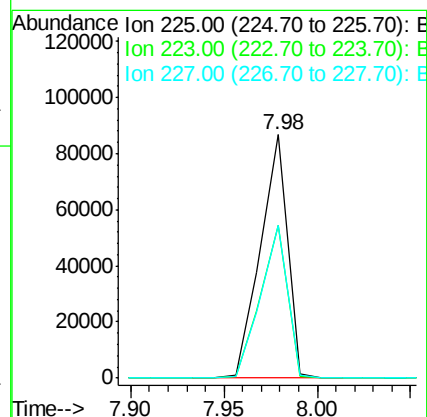
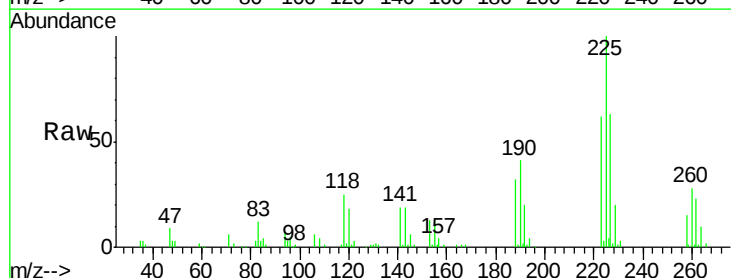
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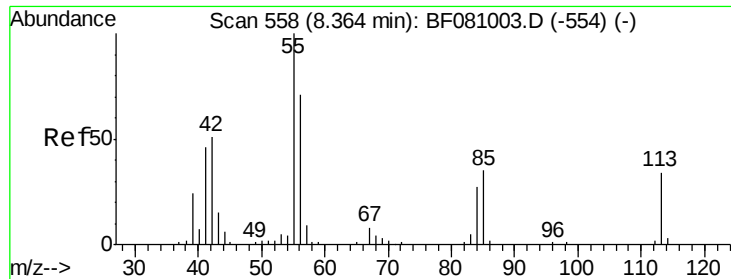
MMDadoda
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#34
Hexachlorobutadiene
Concen: 33.40 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86962		
223	62.5	52.6	79.0	
227	62.9	51.1	76.7	





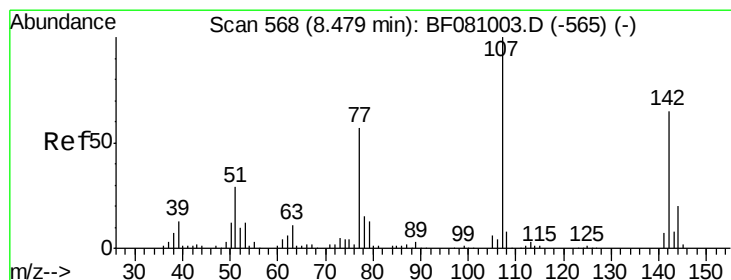
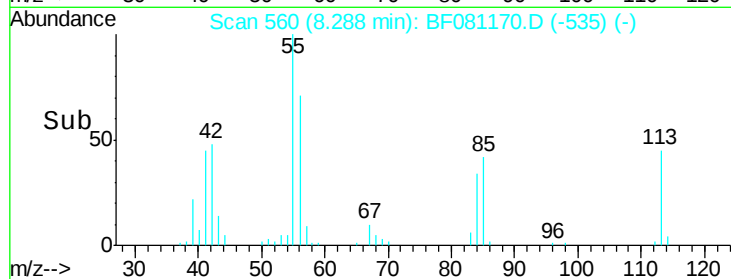
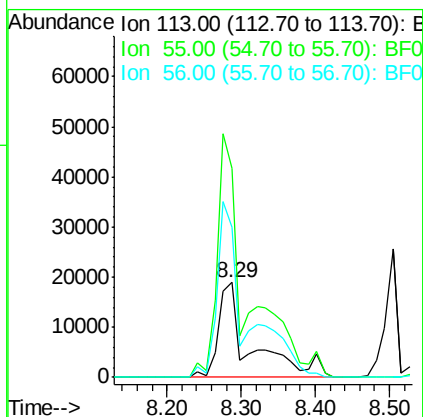
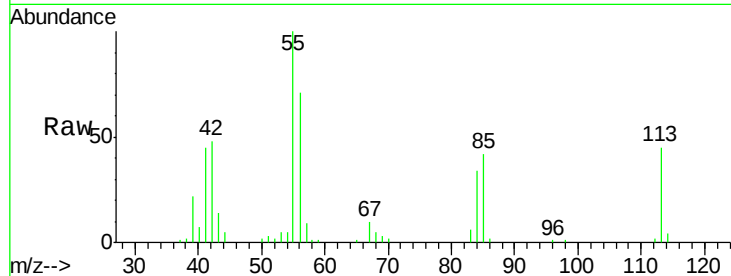
#35
 Caprolactam
 Concen: 39.05 ng m
 RT: 8.29 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	221.1	280.4	320.4#
56	157.8	205.9	245.9#

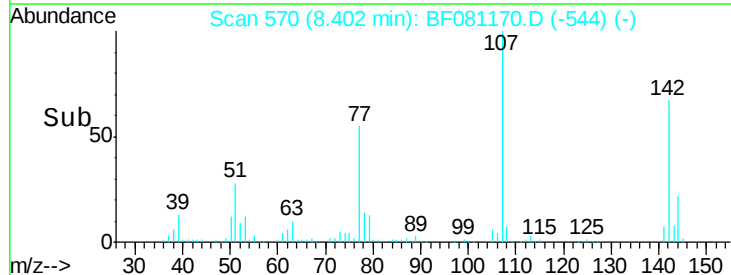
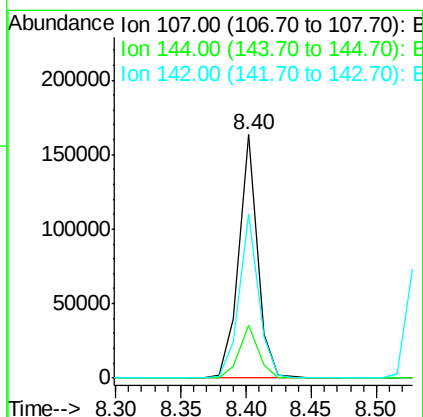
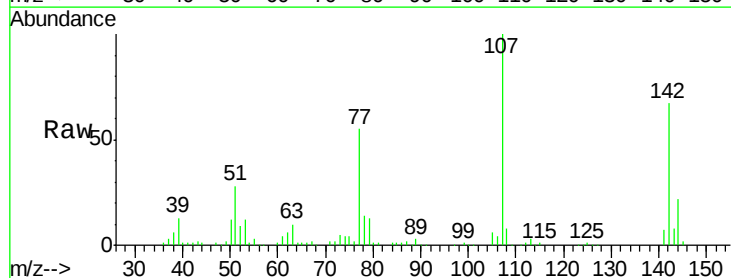
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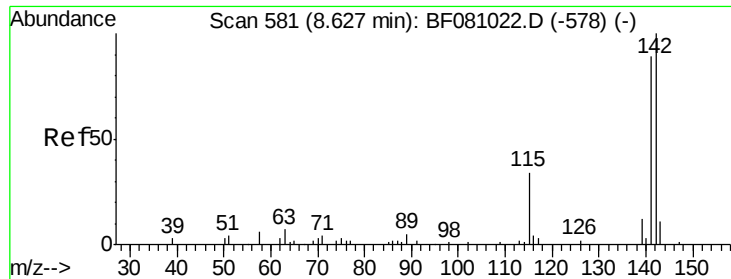
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#36
 4-Chloro-3-methylphenol
 Concen: 33.03 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

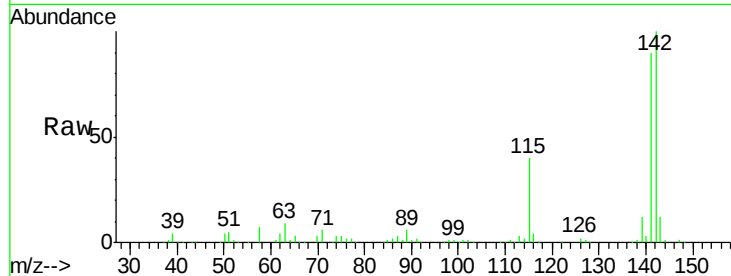
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.7	17.2	25.8
142	67.4	54.9	82.3





#37
 2-Methylnaphthalene
 Concen: 31.13 ng
 RT: 8.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

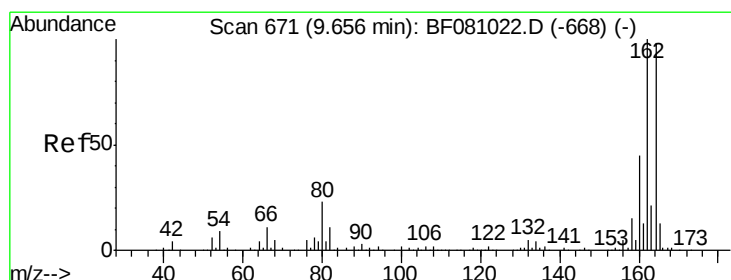
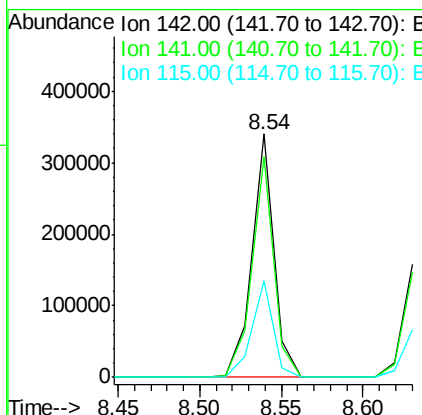
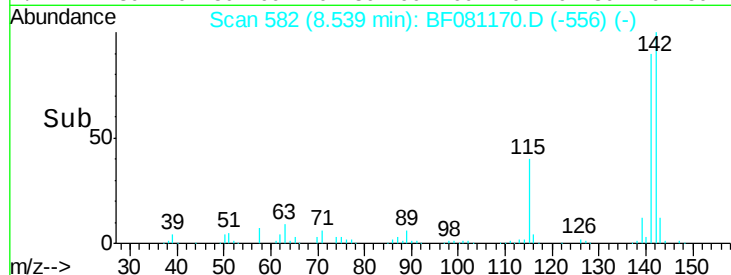
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	320243		
141	90.4	71.4	107.2	
115	39.7	33.4	50.0	

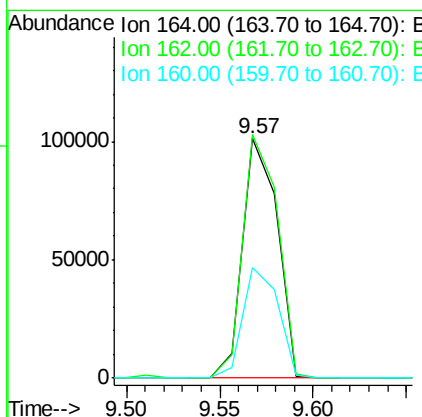
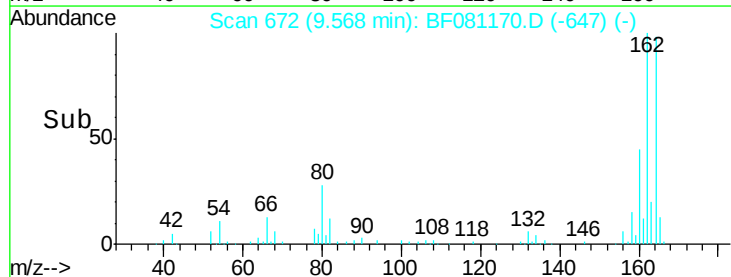
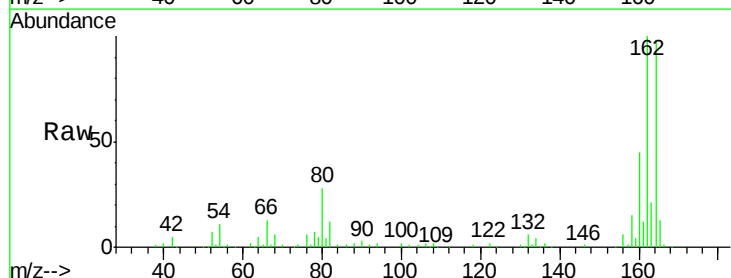
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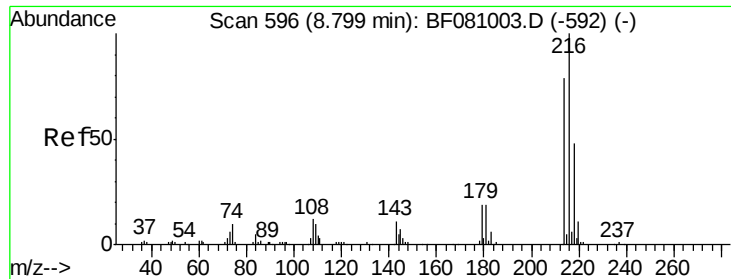
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130712		
162	101.6	83.8	125.8	
160	46.0	39.8	59.8	





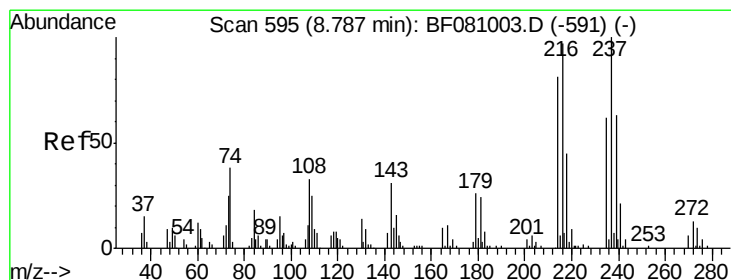
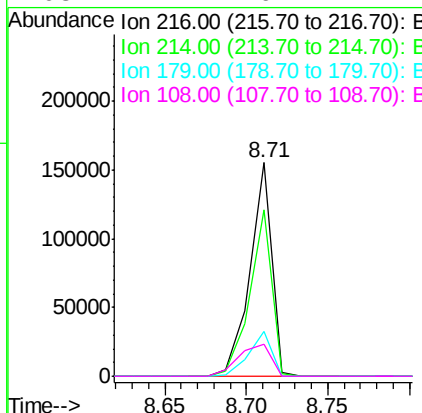
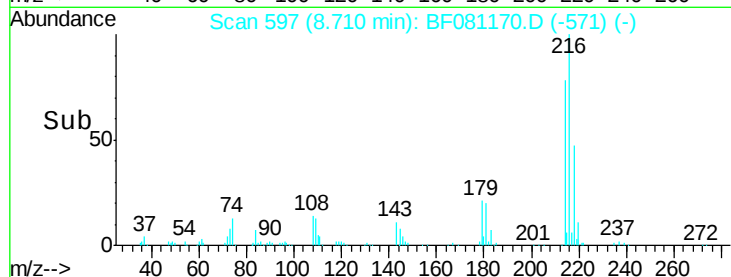
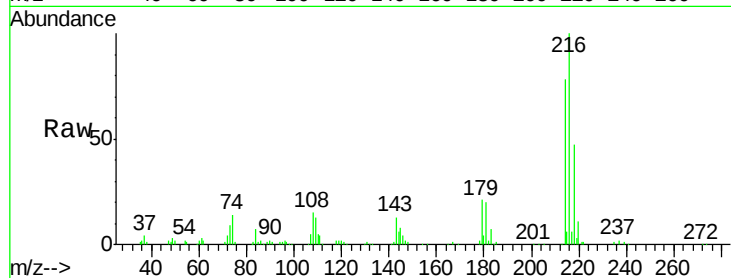
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.32 ng
 RT: 8.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Manual Integrations
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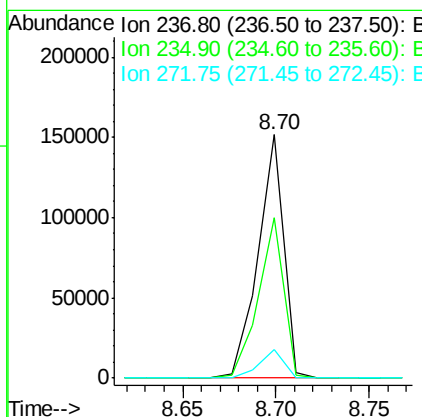
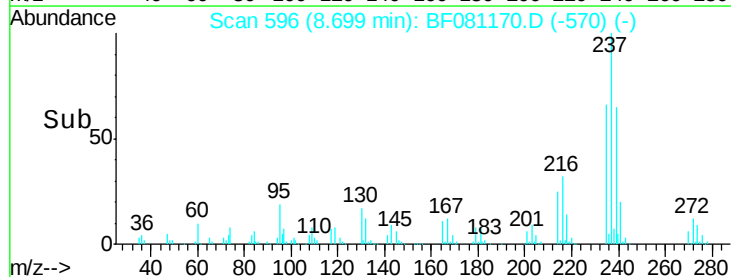
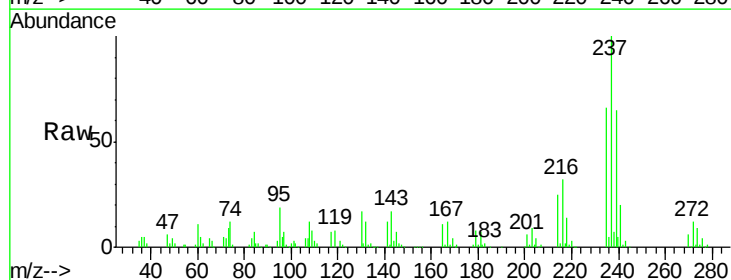
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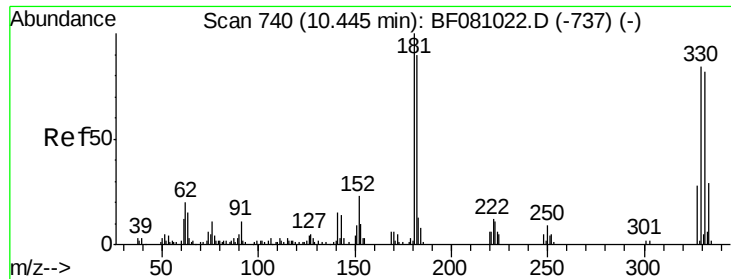
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		144732		
214	78.2	63.8	95.8		
179	21.9	17.8	26.8		
108	22.4	16.2	24.2		



#40
 Hexachlorocyclopentadiene
 Concen: 65.72 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

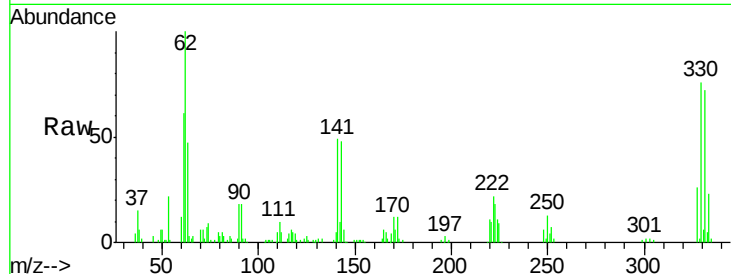
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		143463		
235	66.1	43.6	83.6		
272	11.6	0.0	32.2		





#41
 2,4,6-Tribromophenol
 Concen: 98.43 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

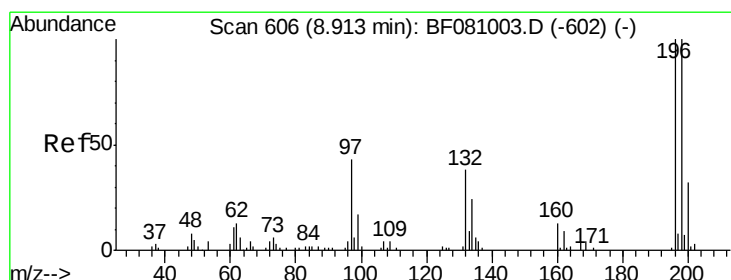
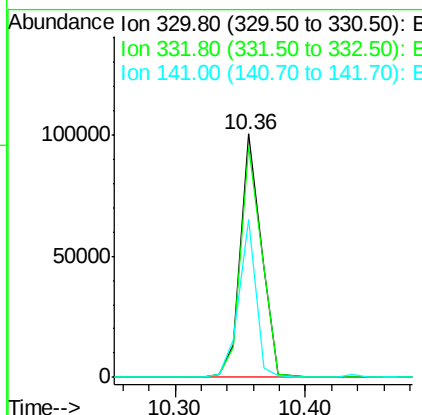
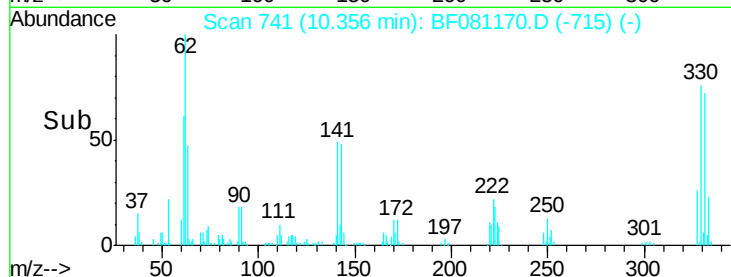
Instrument :
 BNA_F
 ClientSampled :
 PB85016BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	111532		
332	95.5	77.3	115.9	
141	53.1	44.9	67.3	

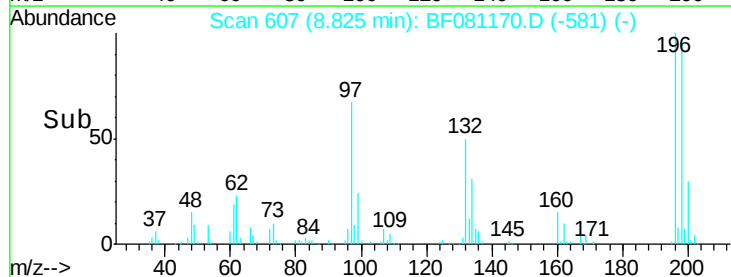
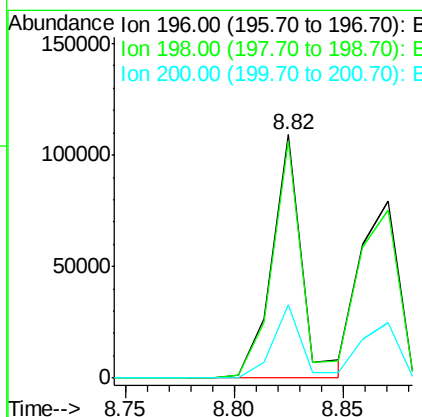
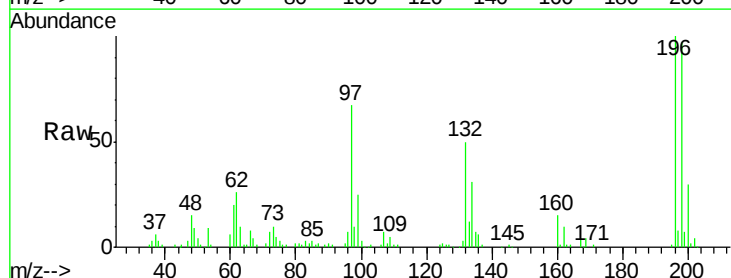
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#42
 2,4,6-Trichlorophenol
 Concen: 35.10 ng
 RT: 8.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104563		
198	97.4	74.6	111.8	
200	30.3	22.7	34.1	





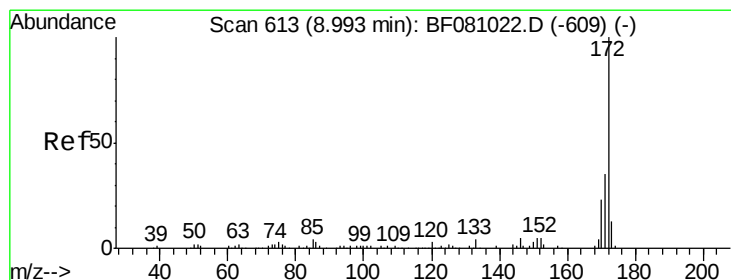
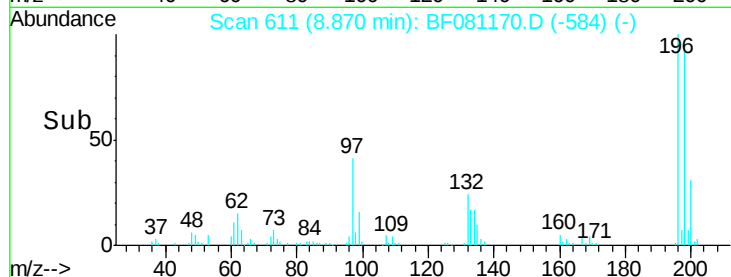
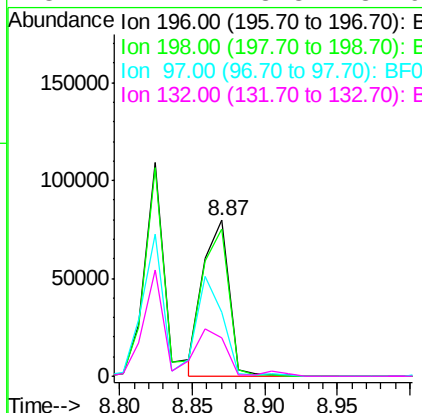
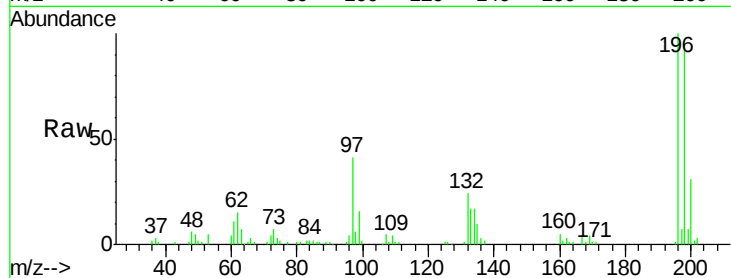
#43
 2,4,5-Trichlorophenol
 Concen: 33.40 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99451		
198	94.5	78.3	117.5	
97	40.9	42.7	64.1#	
132	24.4	23.3	34.9	

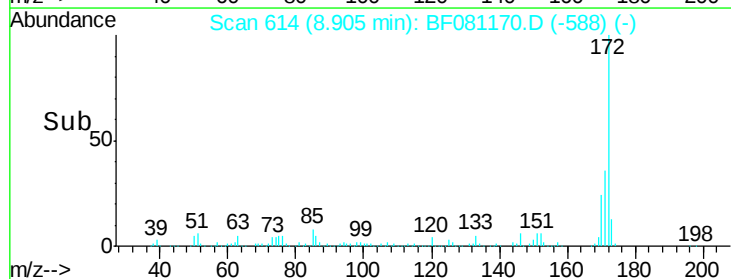
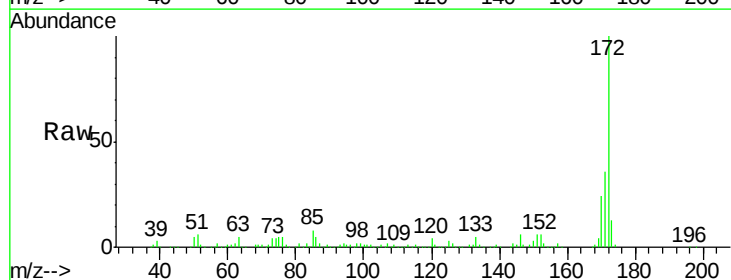
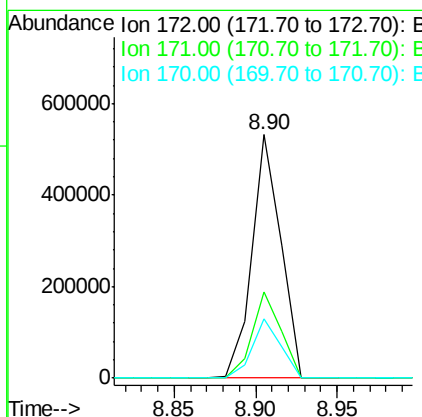
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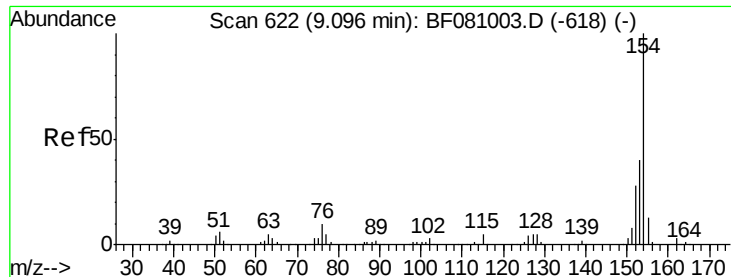
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#44
 2-Fluorobiphenyl
 Concen: 65.53 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	653728		
171	35.6	28.9	43.3	
170	24.1	19.4	29.2	





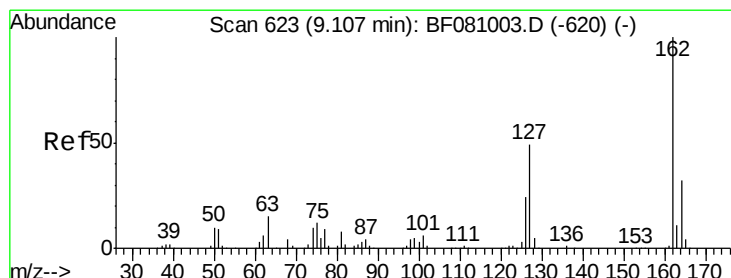
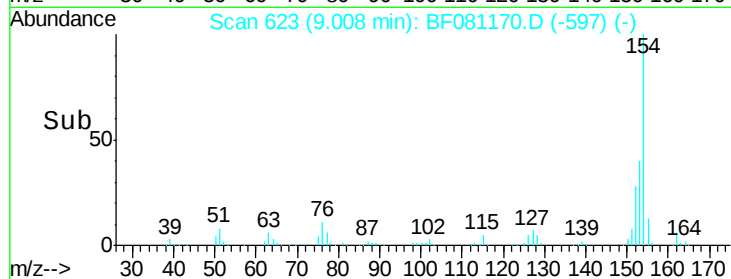
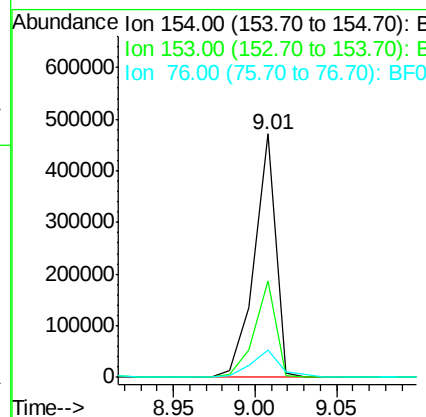
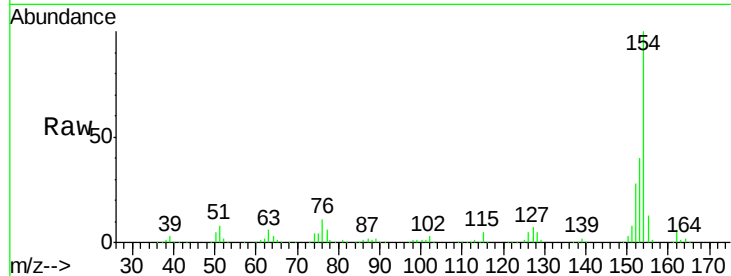
#45
 1,1'-Biphenyl
 Concen: 37.46 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Manual Integrations
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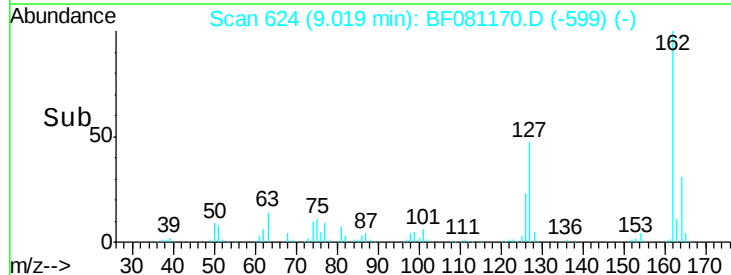
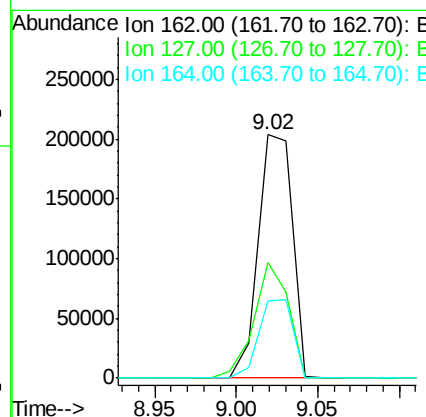
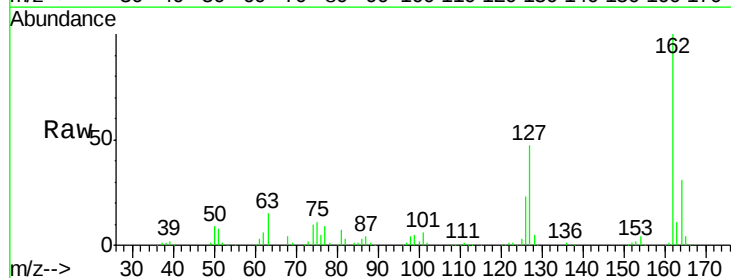
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.5	59.5
76	11.4	0.0	29.3



#46
 2-Chloronaphthalene
 Concen: 32.16 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.3	31.3	46.9#
164	31.5	26.3	39.5





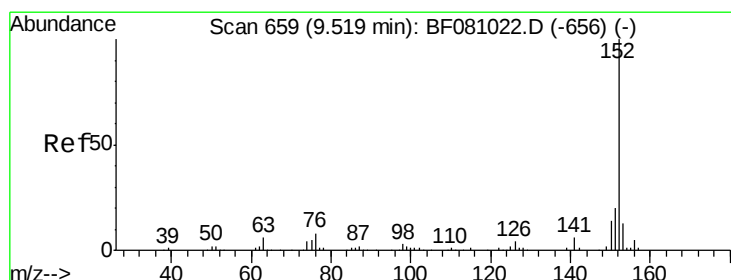
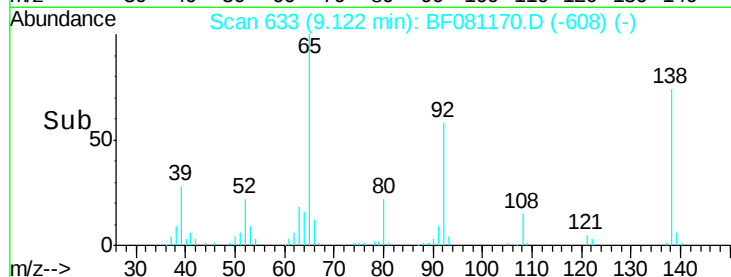
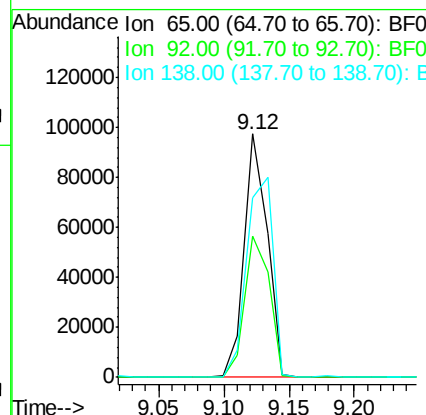
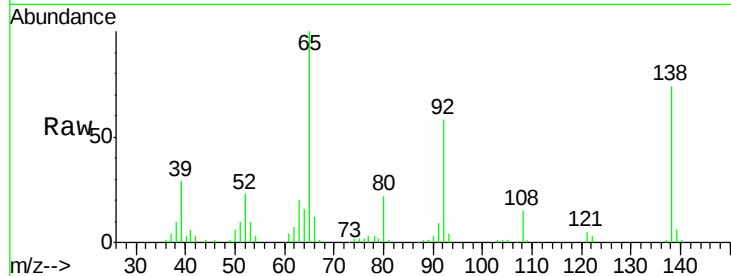
#47
 2-Nitroaniline
 Concen: 31.51 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleID :
 PB85016BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.9	45.6	68.4
138	73.7	57.9	86.9

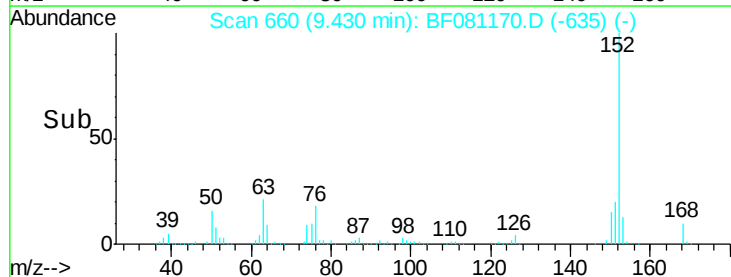
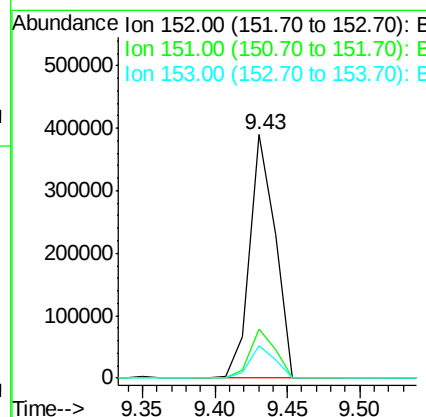
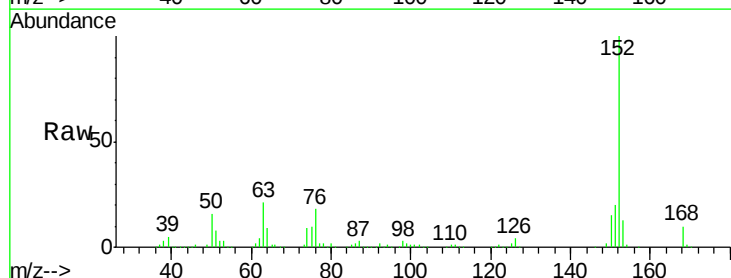
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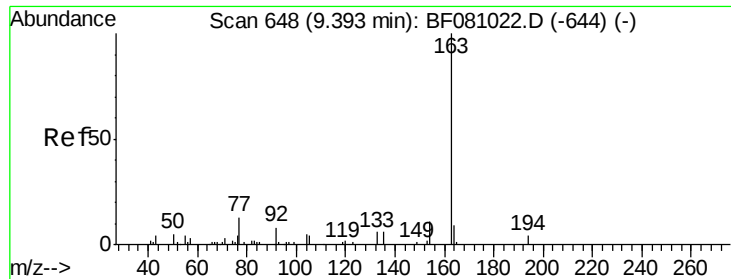
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 8/24/2015 7:11:07 PM



#48
 Acenaphthylene
 Concen: 28.66 ng
 RT: 9.43 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.3	9.8	14.6





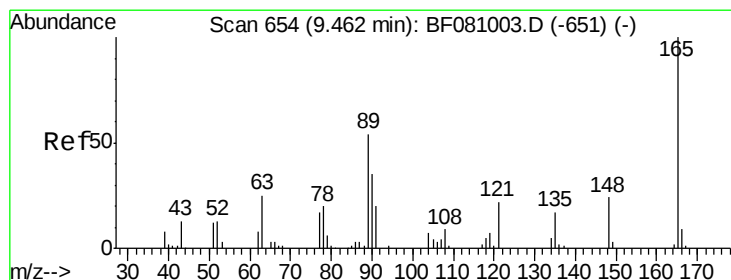
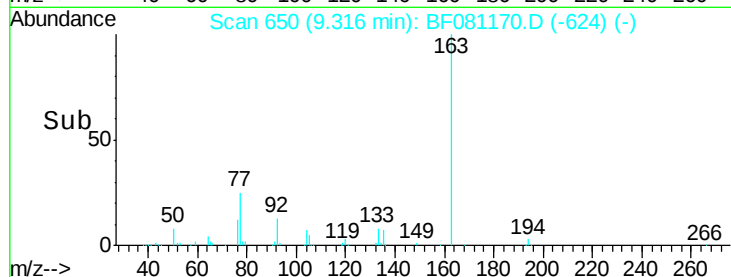
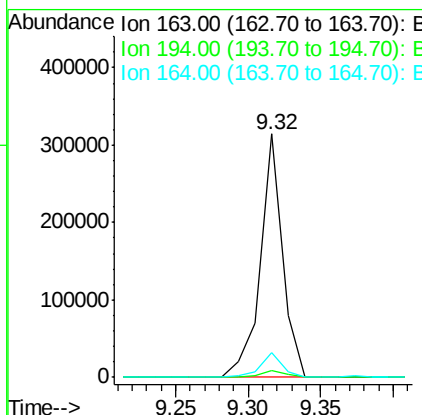
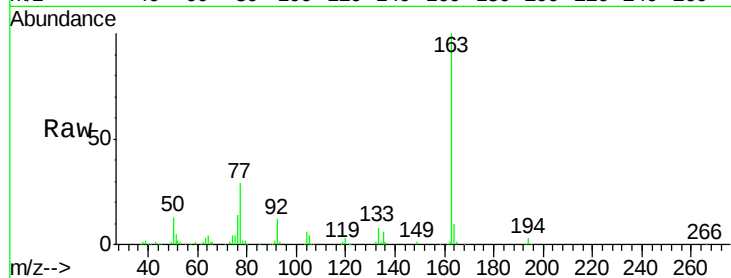
#49
Dimethylphthalate
Concen: 30.93 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	332918		
194	2.8		2.5	3.7
164	10.4		8.1	12.1

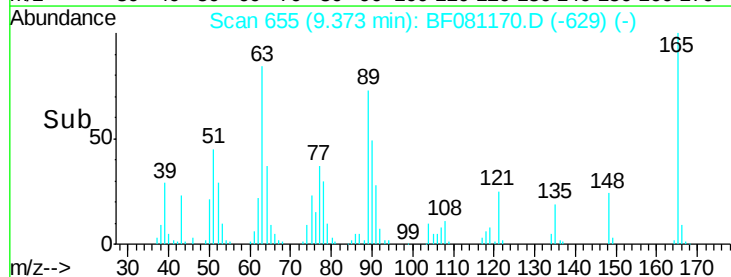
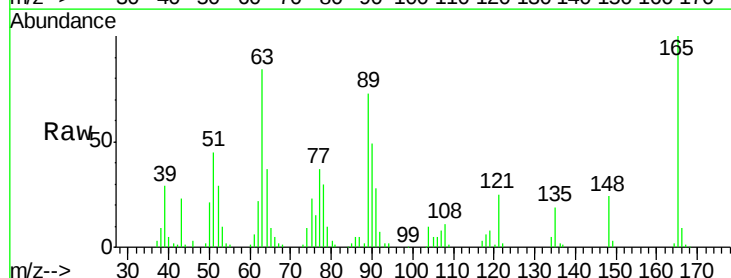
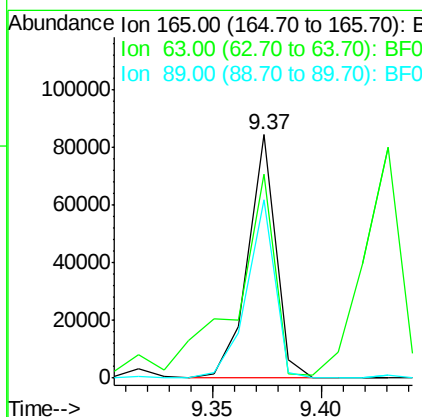
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 32.82 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	75857		
63	83.7		49.5	74.3#
89	73.1		47.6	71.4#





#51

Acenaphthene

Concen: 28.46 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081170.D

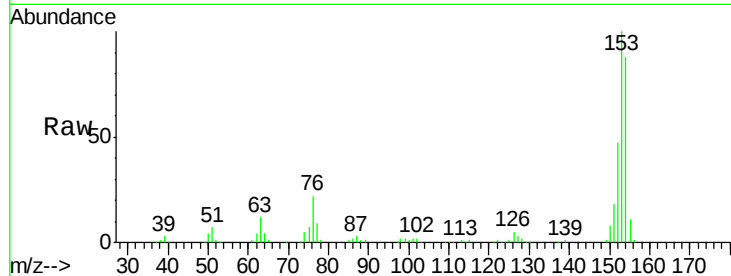
Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

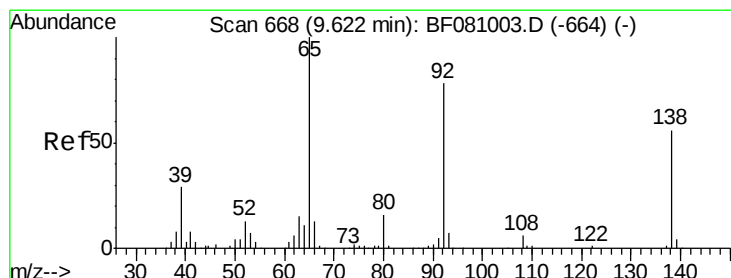
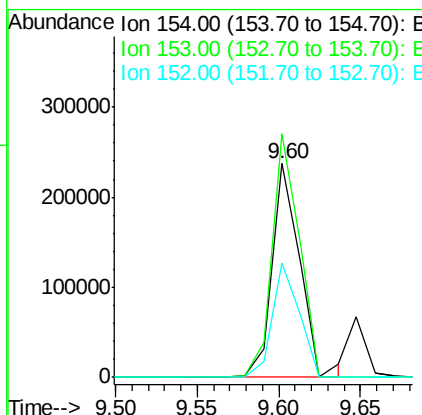
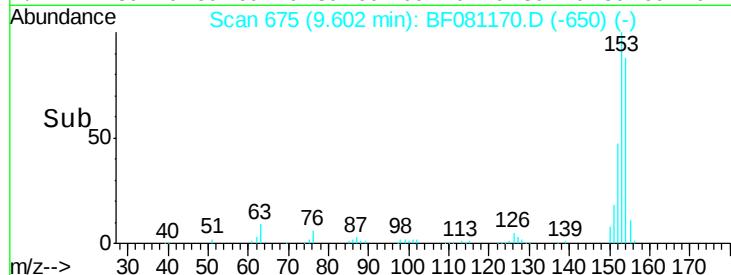
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Tgt Ion:	154	Resp:	281946
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.4	137.2
152	53.8	43.7	65.5

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#52

3-Nitroaniline

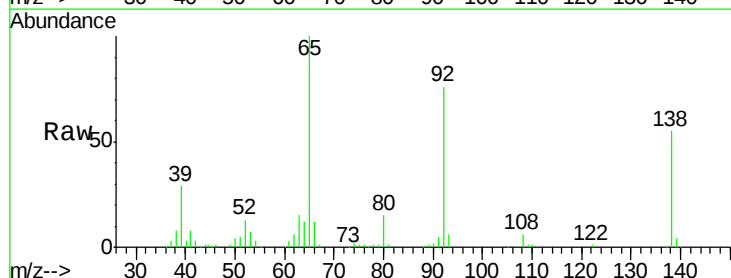
Concen: 19.30 ng

RT: 9.53 min Scan# 669

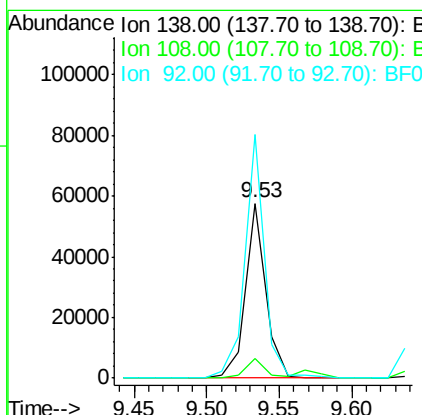
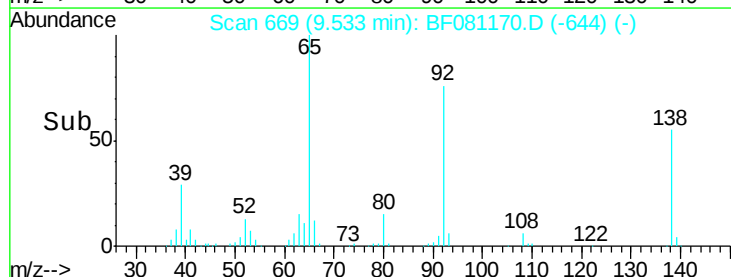
Delta R.T. -0.01 min

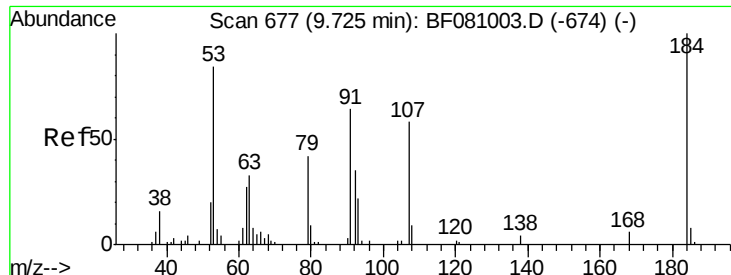
Lab File: BF081170.D

Acq: 24 Aug 2015 15:31



Tgt Ion:	138	Resp:	55824
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.2
92	139.5	113.2	169.8





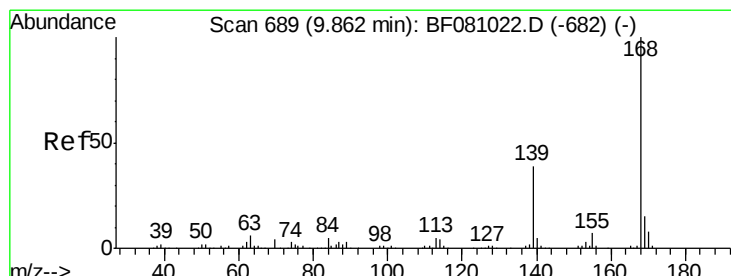
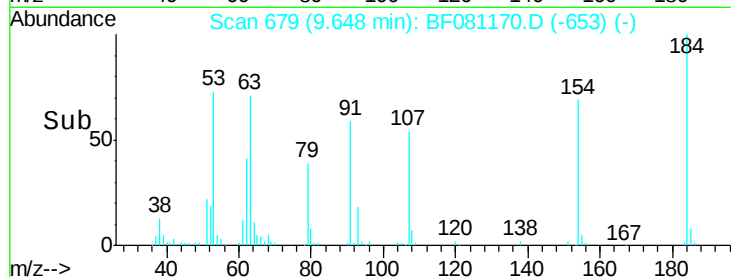
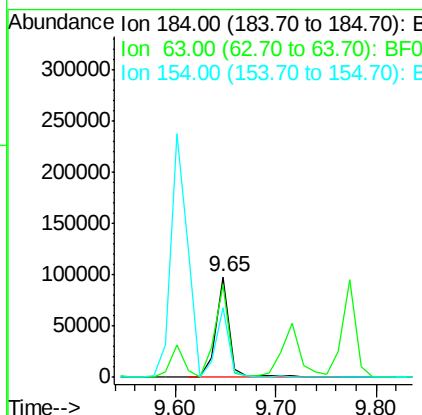
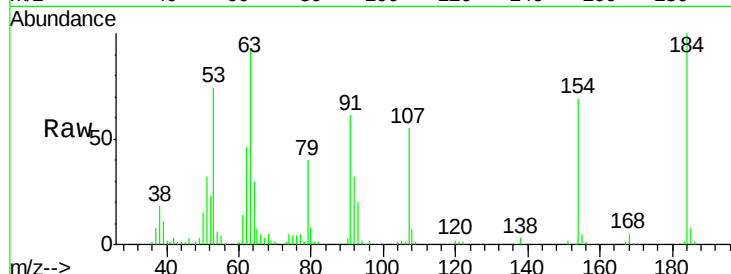
#53
2,4-Dinitrophenol
Concen: 73.11 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

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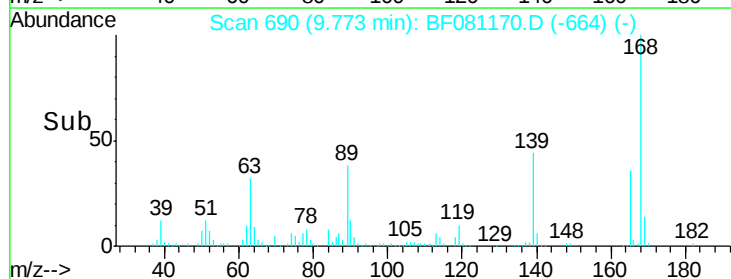
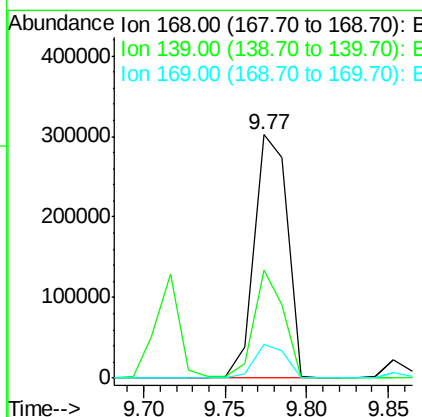
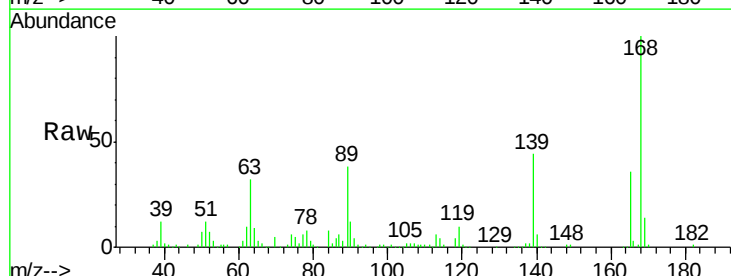
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Tgt Ion:184 Resp: 92443
Ion Ratio Lower Upper
184 100
63 92.3 101.7 152.5#
154 68.6 67.4 101.0



#54
Dibenzofuran
Concen: 31.95 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion:168 Resp: 424116
Ion Ratio Lower Upper
168 100
139 44.2 29.3 43.9#
169 13.8 10.3 15.5





#55

4-Nitrophenol

Concen: 66.98 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

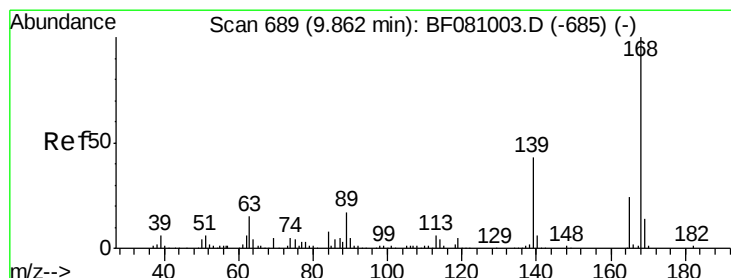
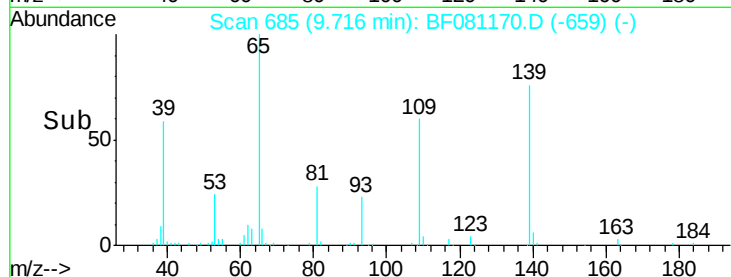
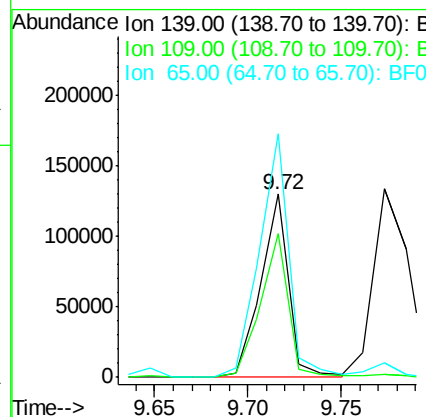
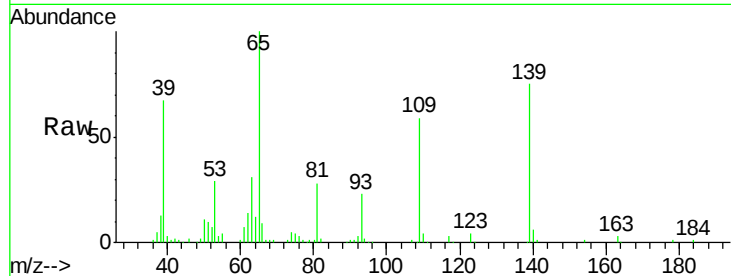
ClientSampleId :

PB85016BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.4	80.0	120.0#	
65	132.8	138.3	178.3#	



#56

2,4-Dinitrotoluene

Concen: 31.97 ng

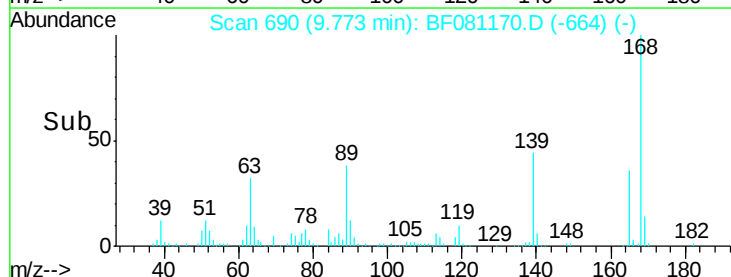
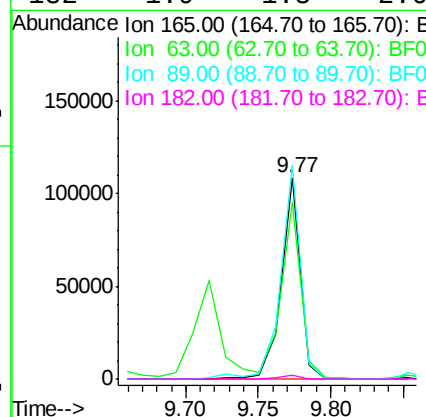
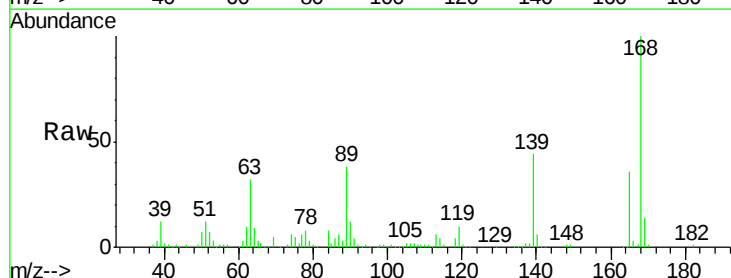
RT: 9.77 min Scan# 690

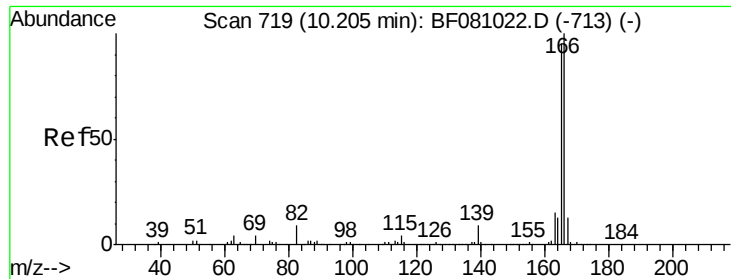
Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	87.9	52.2	78.4#	
89	106.3	60.1	90.1#	
182	1.9	1.8	2.6	





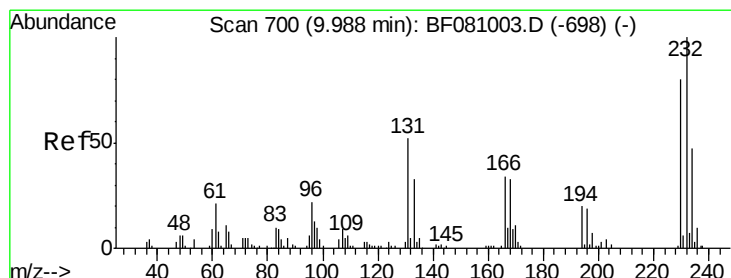
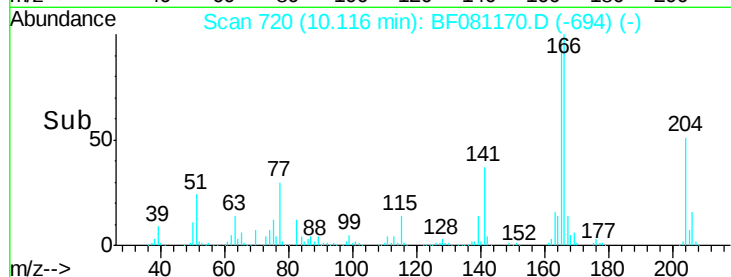
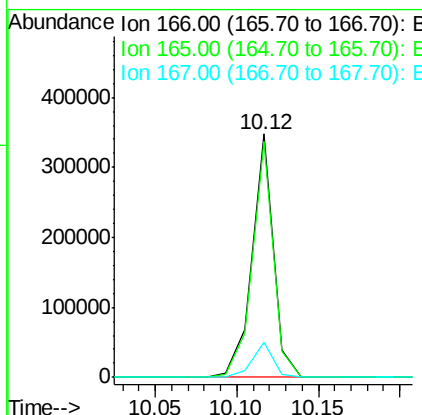
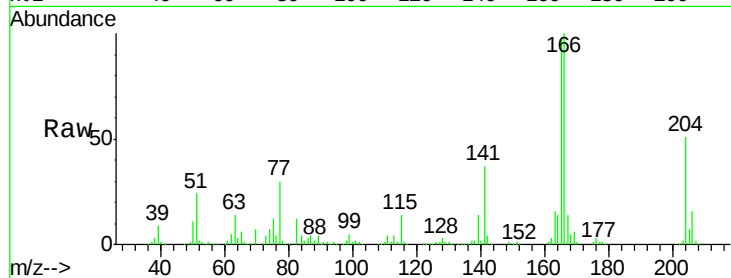
#57
 Fluorene
 Concen: 30.98 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	316391		
165	97.0	75.8	113.8	
167	14.3	11.3	16.9	

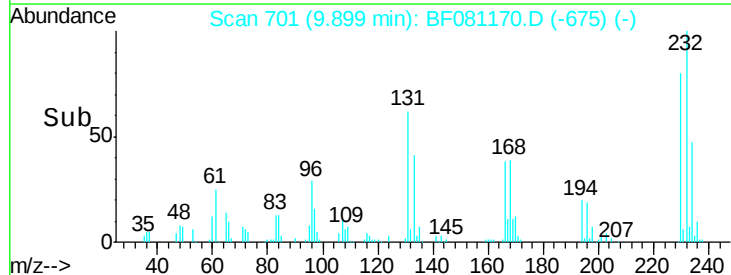
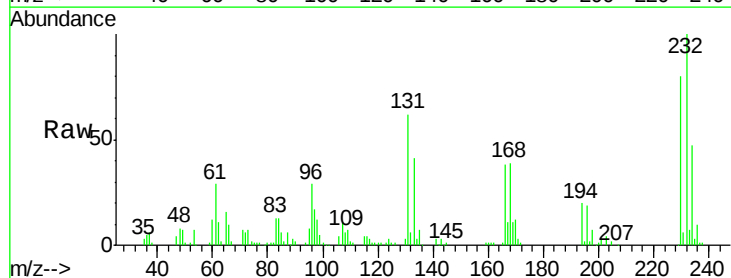
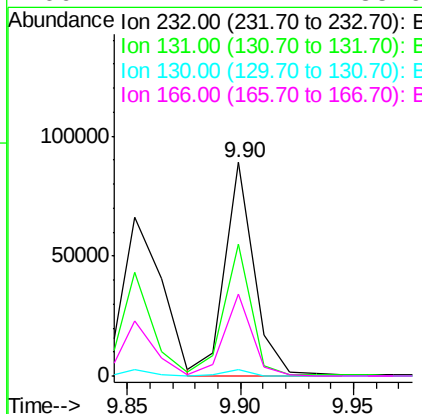
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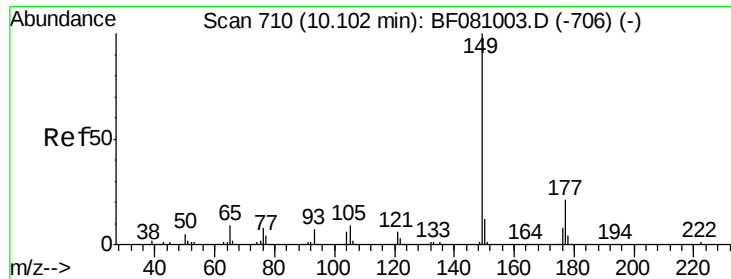
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.31 ng m
 RT: 9.90 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	81371		
131	48.4	42.2	63.4	
130	2.6	2.1	3.1	
166	27.2	22.4	33.6	





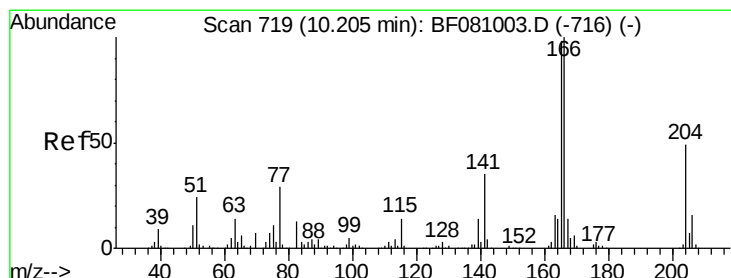
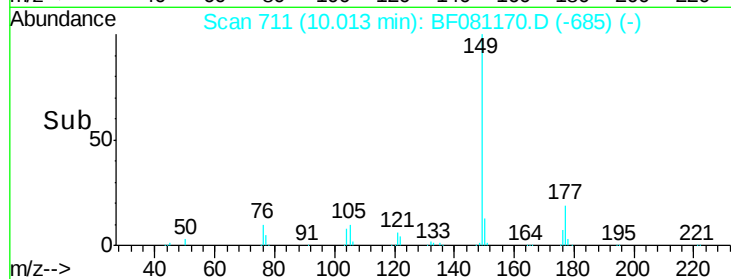
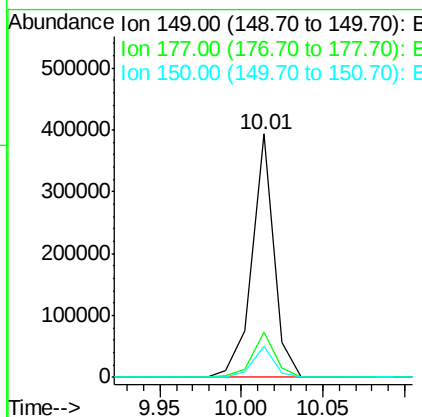
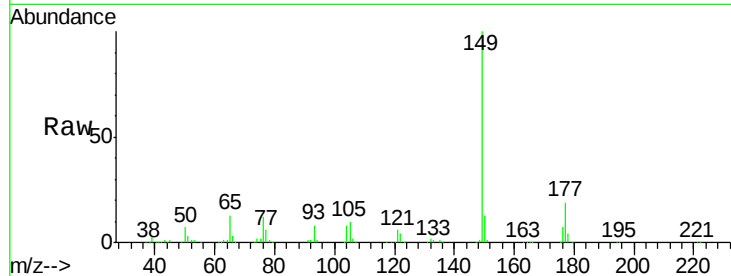
#59
Diethylphthalate
Concen: 32.37 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	368874		
177	18.5	14.1	21.1	
150	12.9	10.3	15.5	

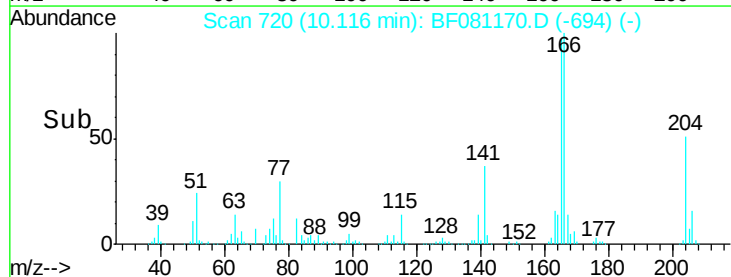
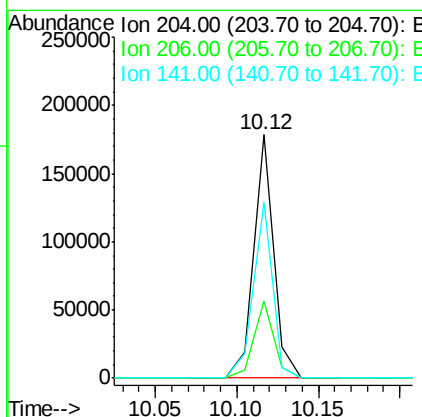
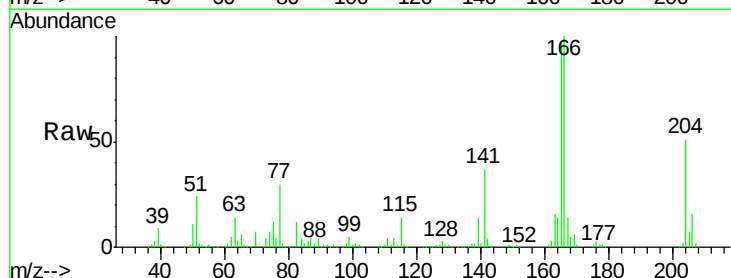
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 35.14 ng
RT: 10.12 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	151833		
206	31.6	26.2	39.2	
141	72.1	59.6	89.4	





#61

4-Nitroaniline

Concen: 33.45 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

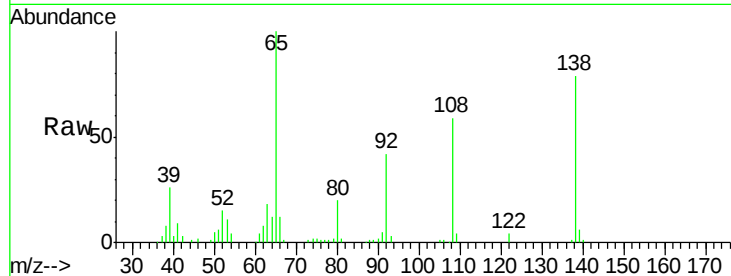
BNA_F

ClientSampleId :

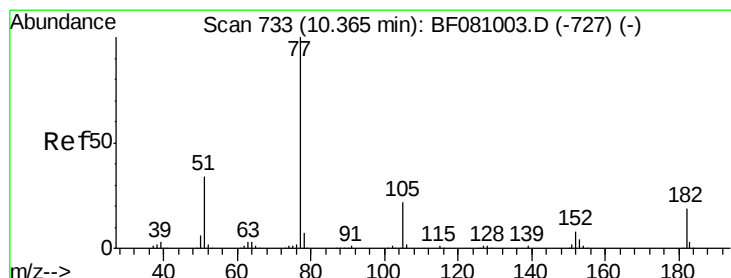
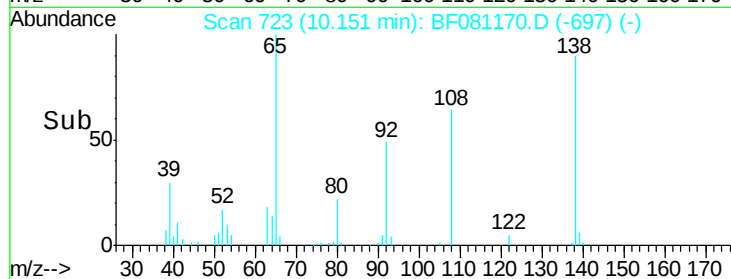
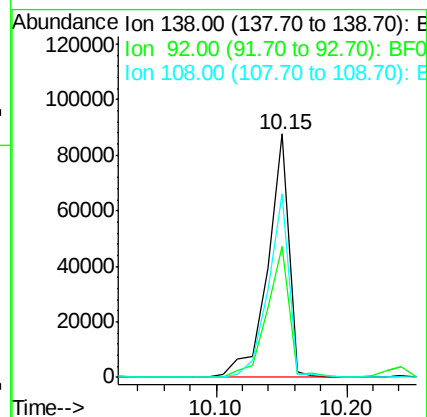
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Tgt Ion:	138	Resp:	98894
Ion Ratio	Lower	Upper	
138	100		
92	53.8	34.7	74.7
108	75.5	68.9	108.9



#62

Azobenzene

Concen: 35.52 ng

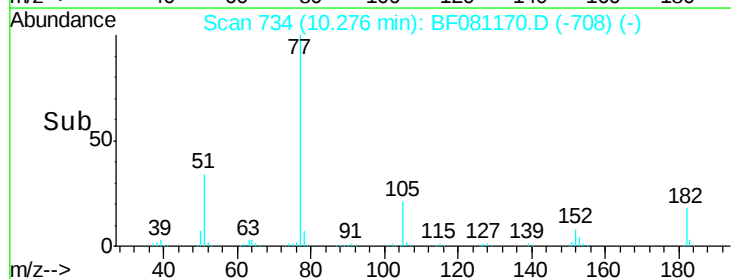
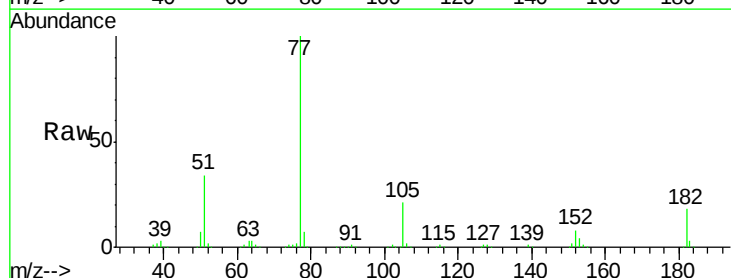
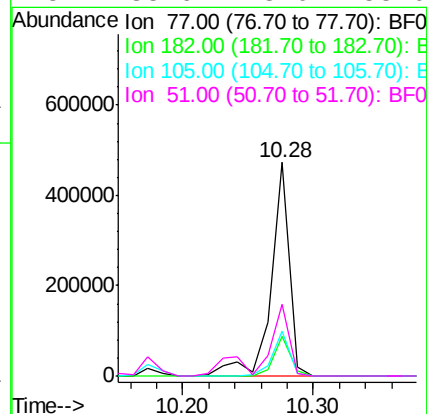
RT: 10.28 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	77	Resp:	466420
Ion Ratio	Lower	Upper	
77	100		
182	18.5	0.0	39.0
105	21.3	0.2	40.2
51	33.6	18.0	58.0





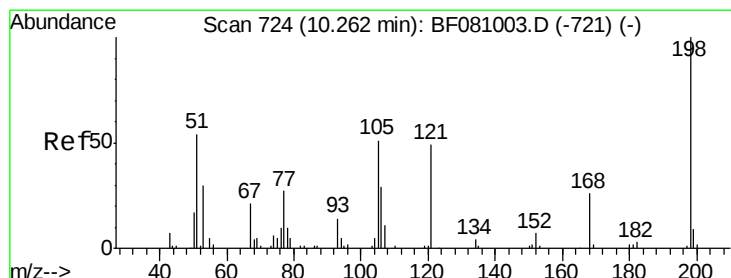
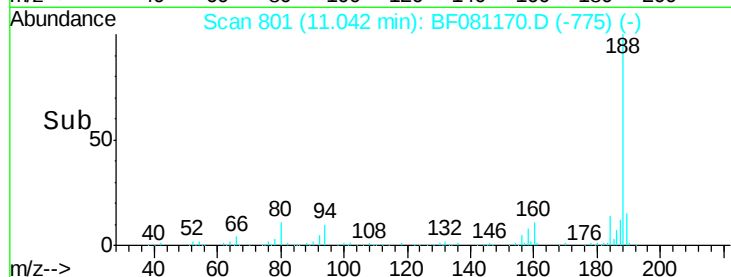
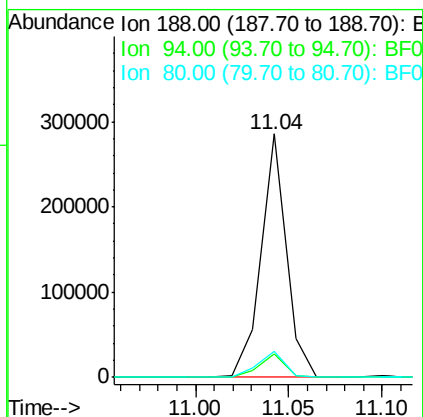
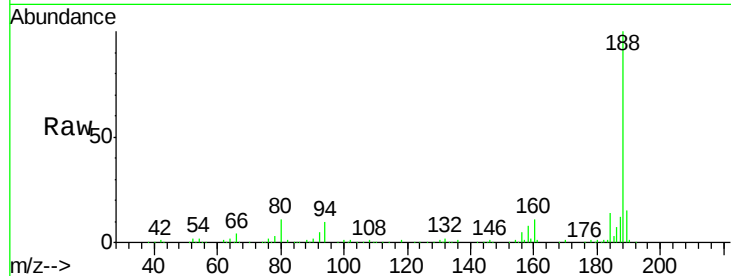
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.2	12.2
80	10.8	9.5	14.3

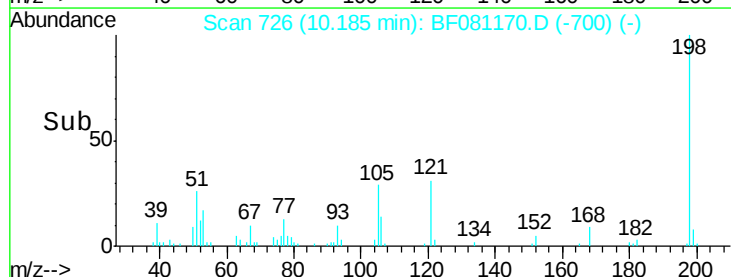
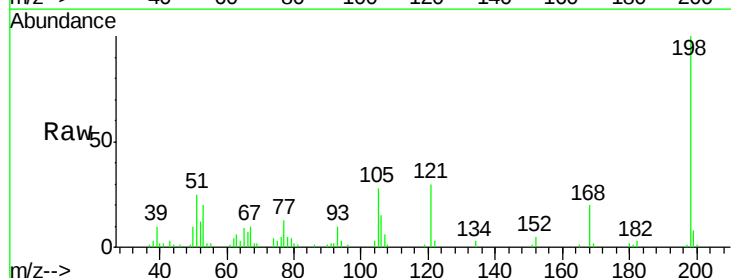
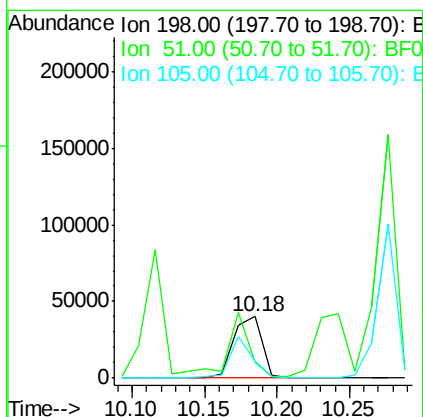
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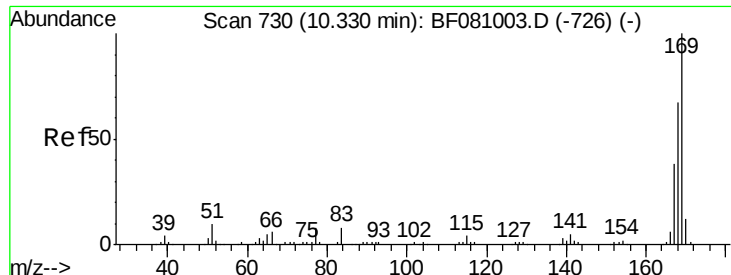
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.36 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	25.1	79.7	119.7#
105	28.3	47.0	87.0#





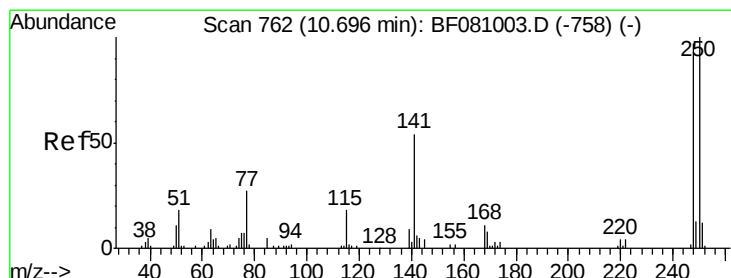
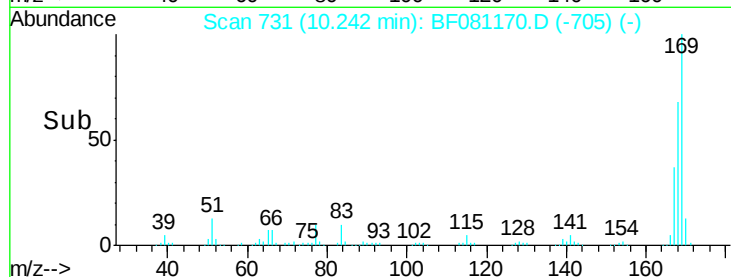
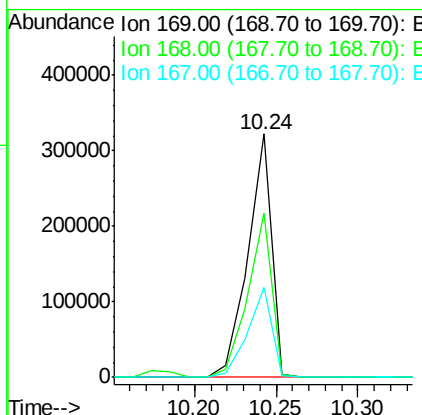
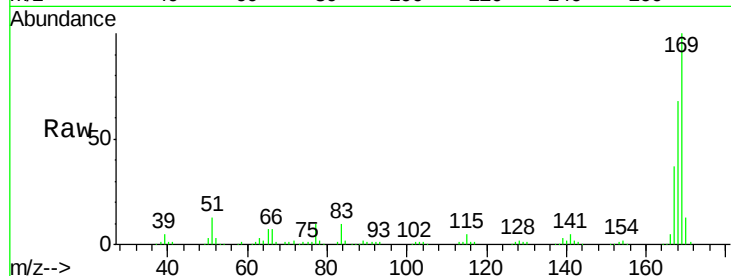
#65
 n-Nitrosodiphenylamine
 Concen: 34.15 ng
 RT: 10.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

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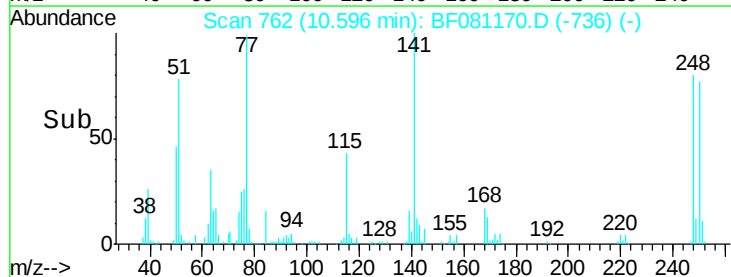
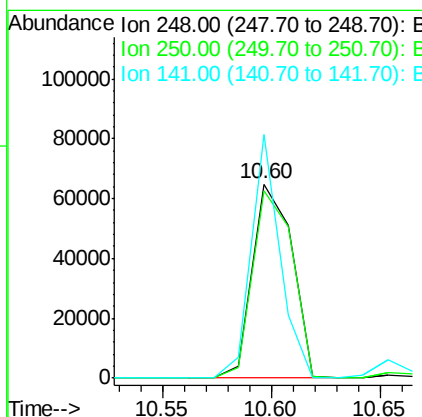
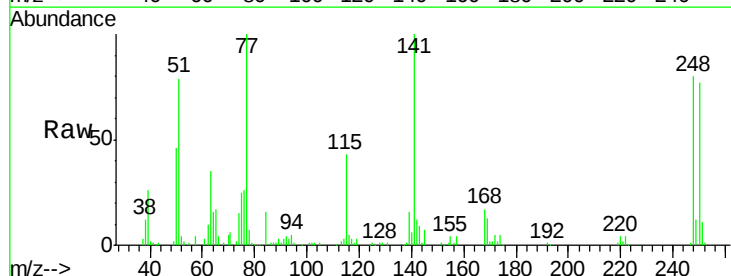
MMDadoda
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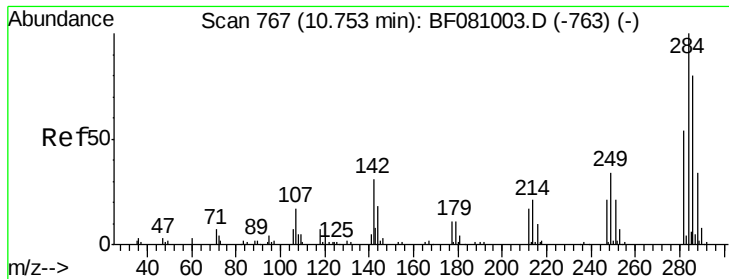
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	326306		
168	67.6	55.3	82.9	
167	36.9	30.8	46.2	



#66
 4-Bromophenyl-phenylether
 Concen: 31.31 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	82347		
250	96.3	77.8	116.6	
141	125.6	39.8	59.6	





#67

Hexachlorobenzene

Concen: 32.86 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF081170.D

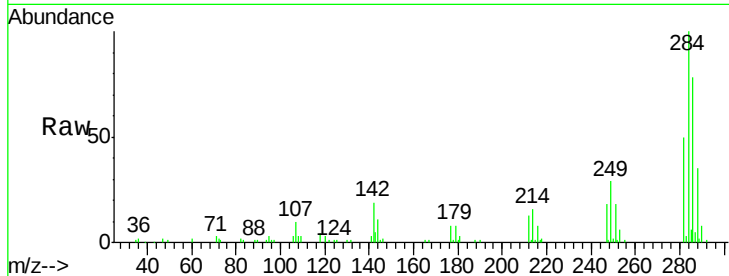
Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

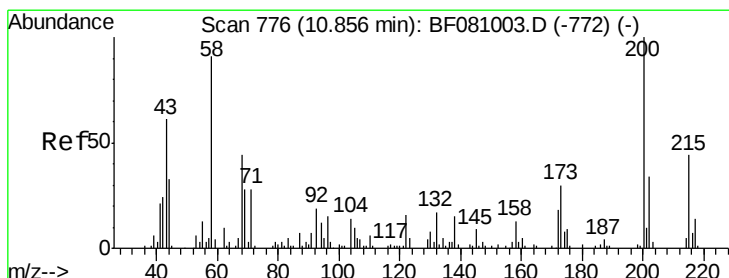
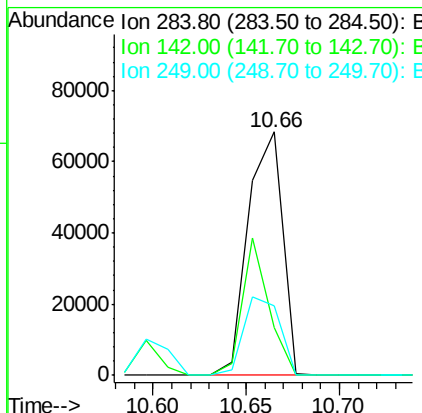
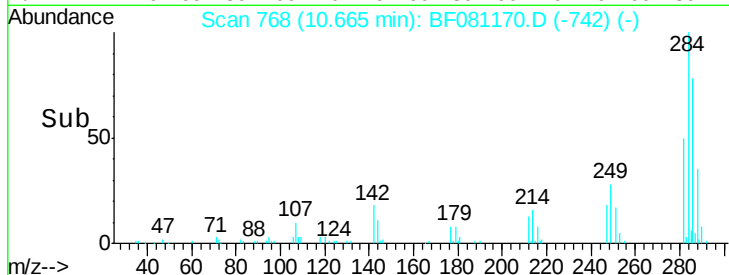
PB85016BS



Tgt Ion:	284	Resp:	87512
Ion Ratio	Lower	Upper	
284	100		
142	19.5	25.4	38.0#
249	28.7	28.5	42.7

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#68

Atrazine

Concen: 33.06 ng

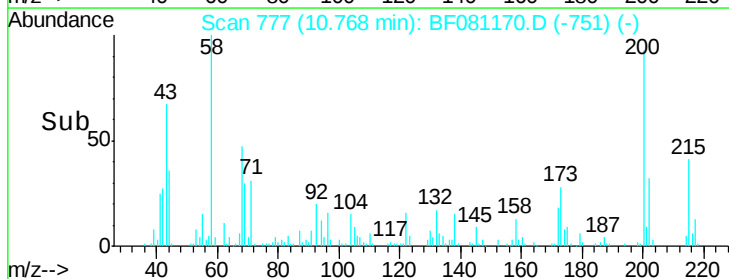
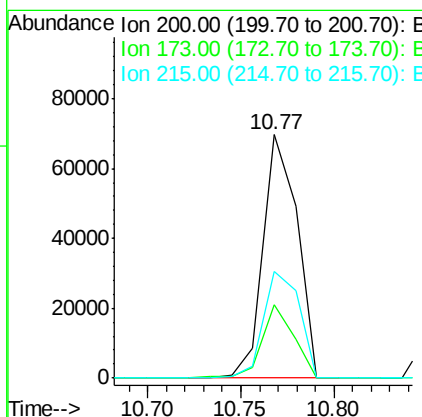
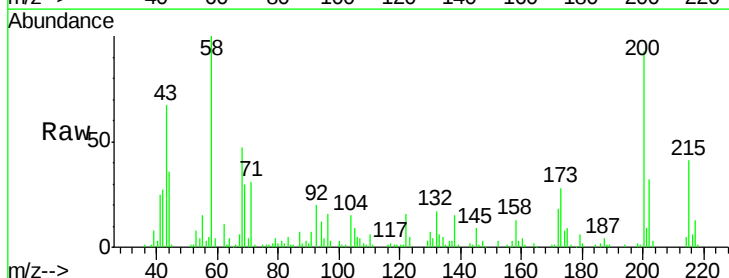
RT: 10.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	200	Resp:	88010
Ion Ratio	Lower	Upper	
200	100		
173	30.3	8.1	48.1
215	43.9	23.3	63.3





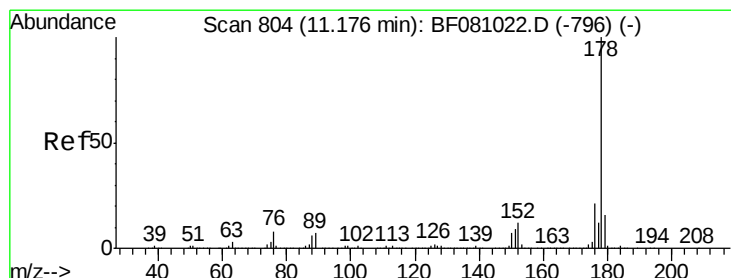
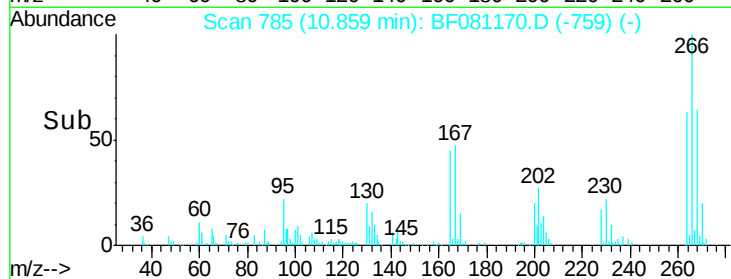
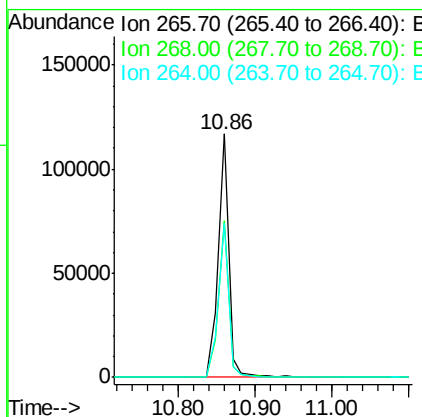
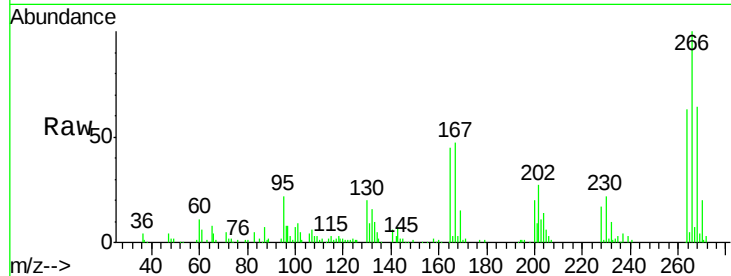
#69
 Pentachlorophenol
 Concen: 70.42 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	112534		
268	64.3	51.2	76.8	
264	63.2	50.6	75.8	

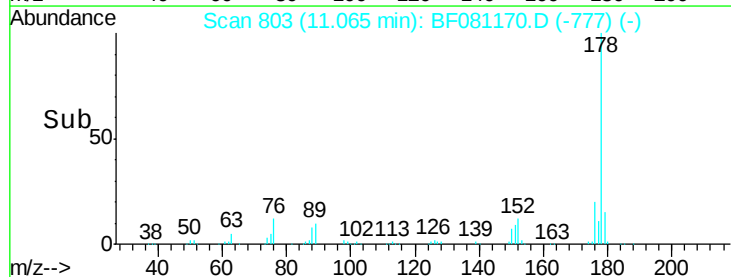
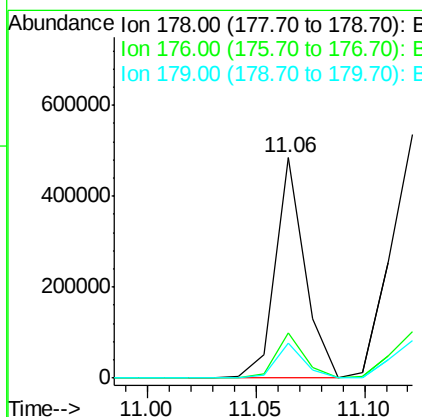
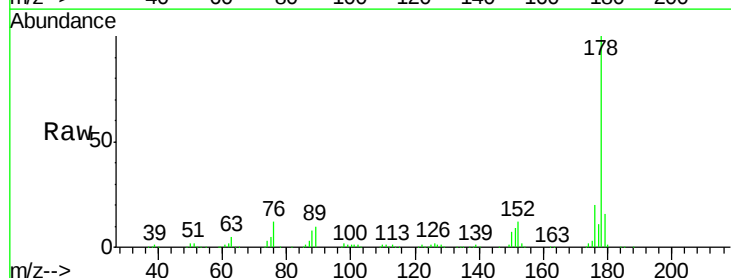
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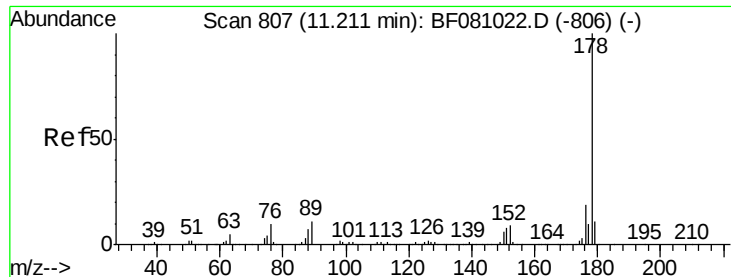
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#70
 Phenanthrene
 Concen: 29.02 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	460430		
176	20.3	15.7	23.5	
179	15.7	12.2	18.2	





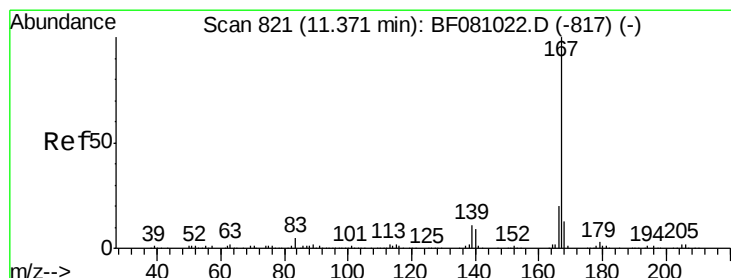
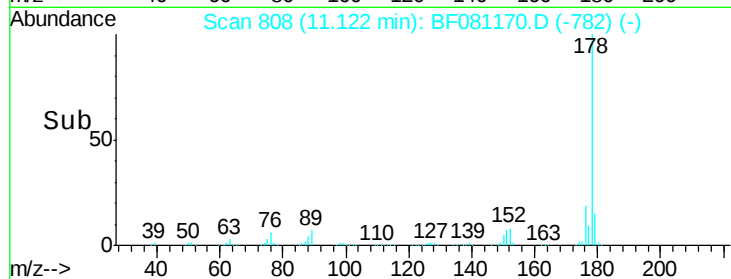
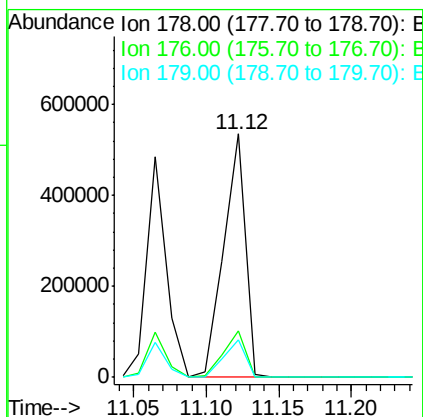
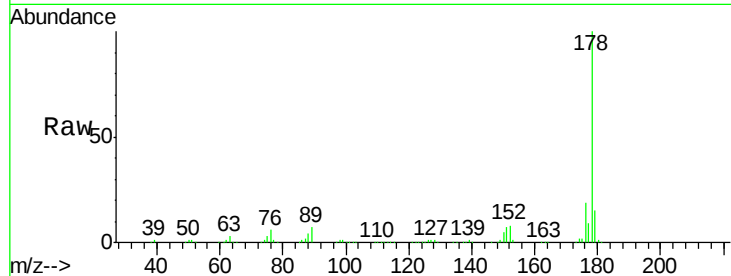
#71
 Anthracene
 Concen: 36.05 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.2	12.7	19.1

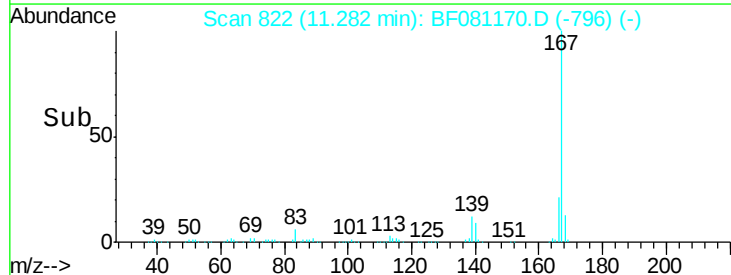
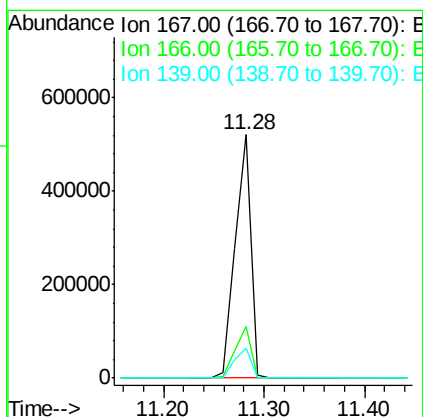
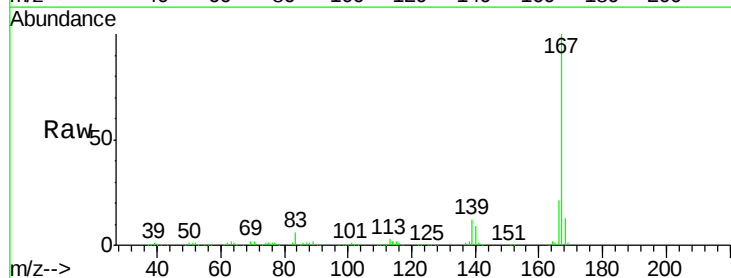
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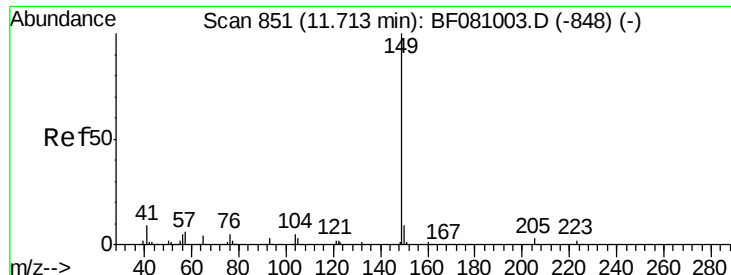
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#72
 Carbazole
 Concen: 37.81 ng
 RT: 11.28 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.3	10.6	16.0





#73

Di-n-butylphthalate

Concen: 33.52 ng

RT: 11.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

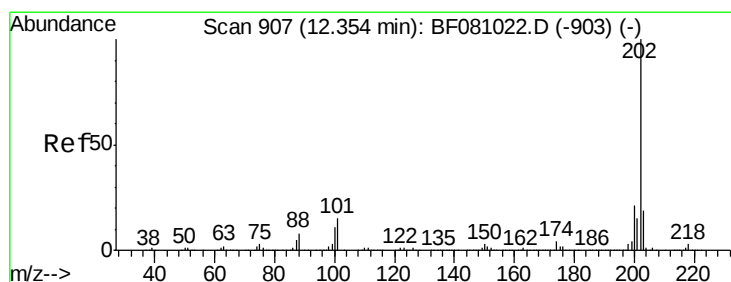
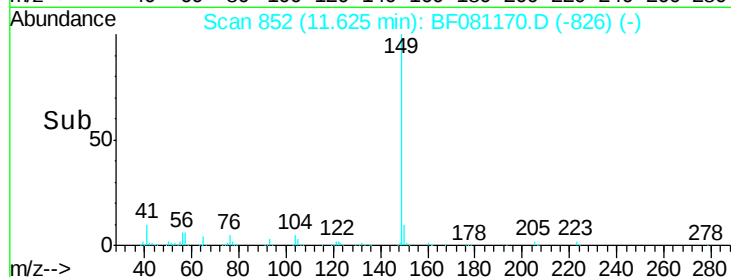
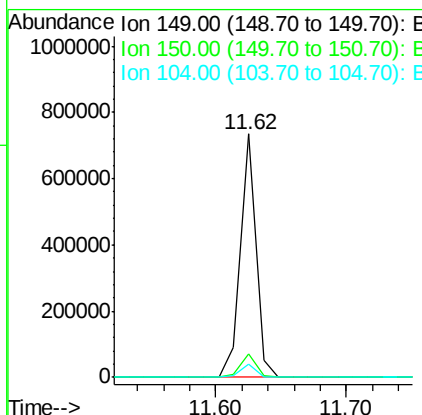
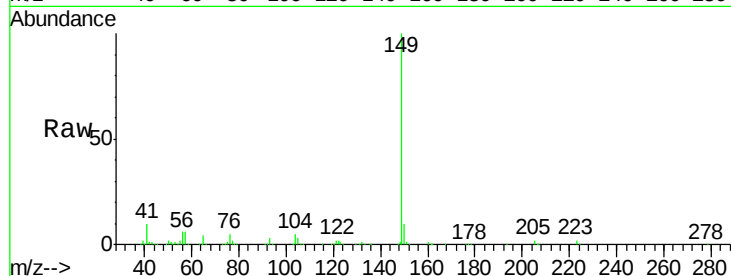
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	602959		
150	9.6	7.1	10.7	
104	5.3	3.9	5.9	



#74

Fluoranthene

Concen: 32.68 ng

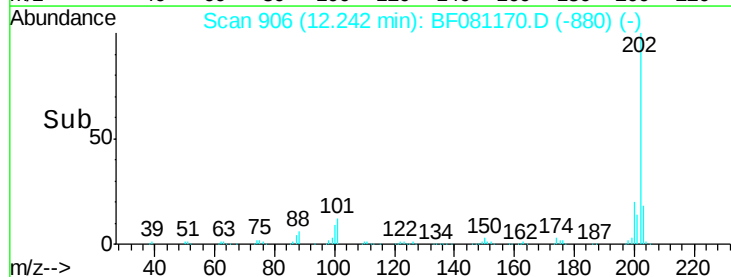
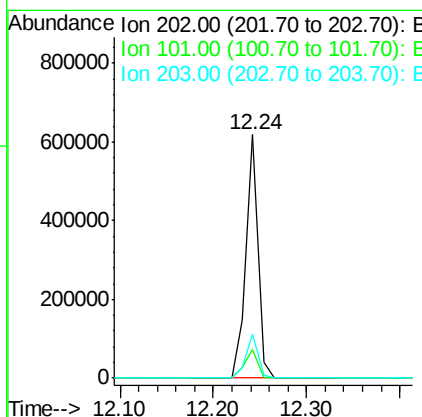
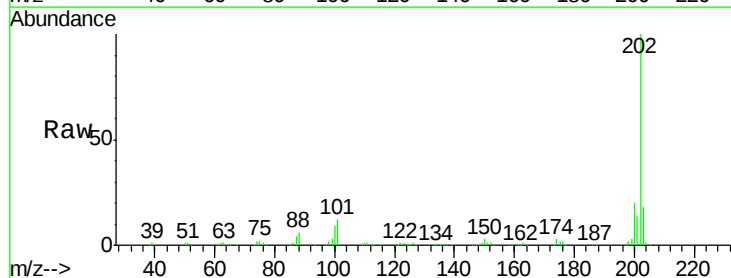
RT: 12.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	559411		
101	11.8	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: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

Tgt Ion:240 Resp: 239224
Ion Ratio Lower Upper

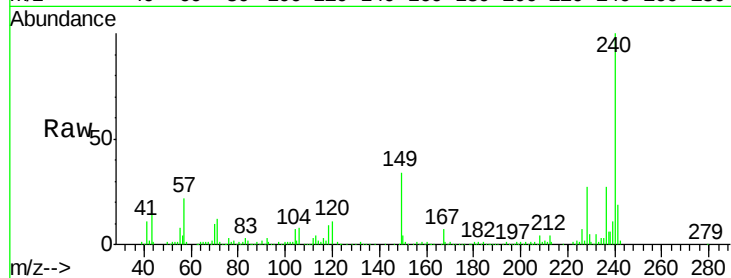
240 100

120 10.8 5.6 8.4#

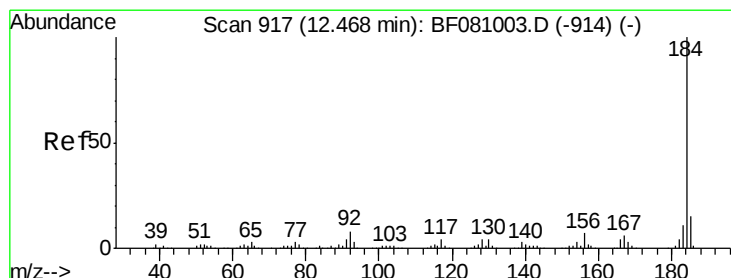
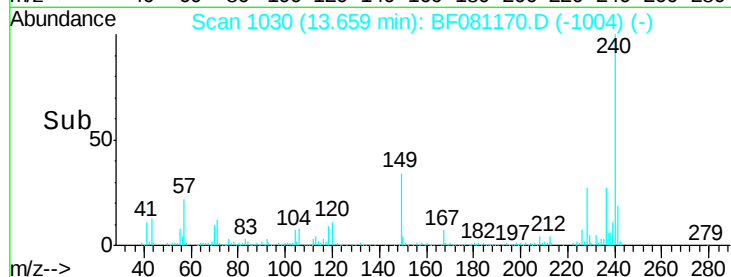
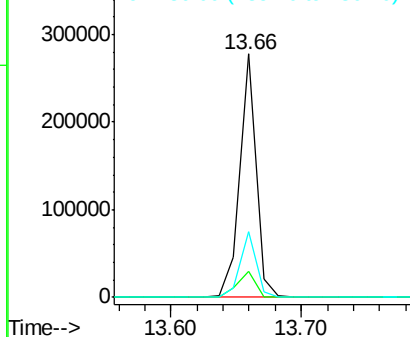
236 26.8 20.6 30.8

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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: 21.40 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081170.D

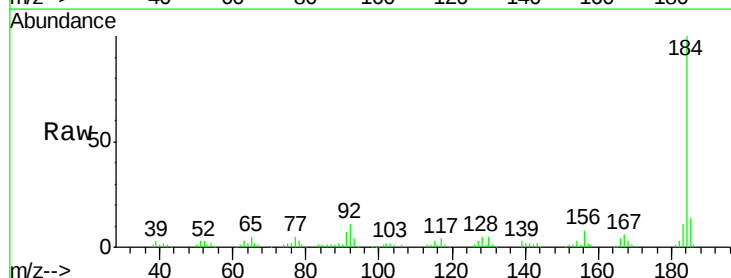
Acq: 24 Aug 2015 15:31

Tgt Ion:184 Resp: 193414
Ion Ratio Lower Upper

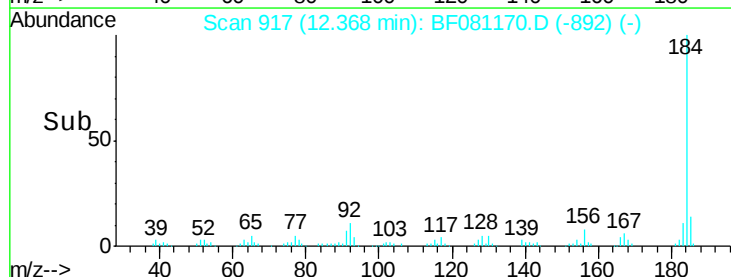
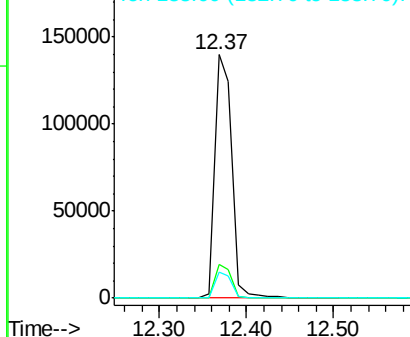
184 100

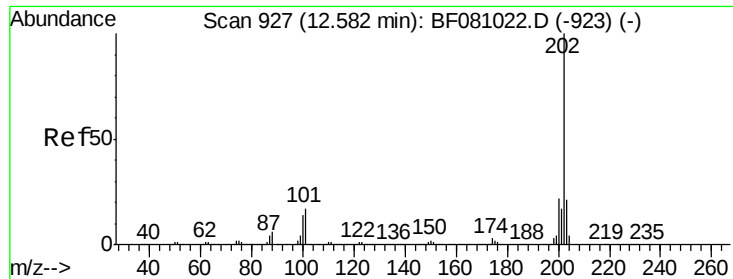
185 13.8 12.0 18.0

183 10.8 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: 31.34 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

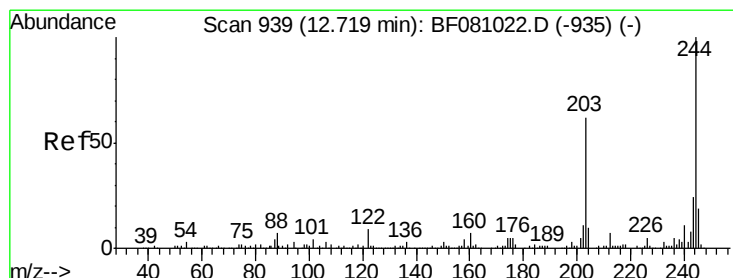
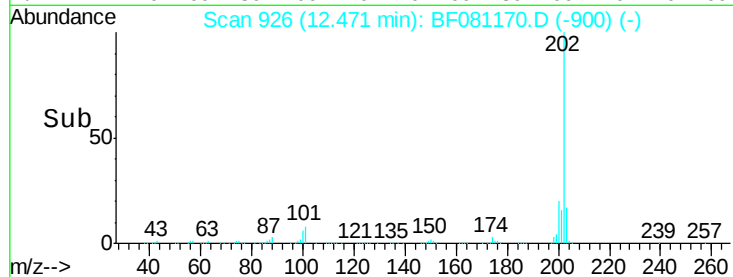
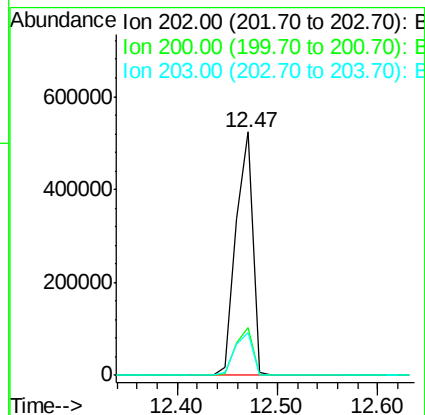
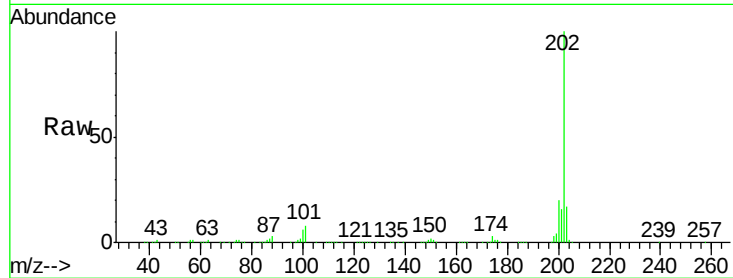
ClientSampleId :

PB85016BS

Tgt Ion:	202	Resp:	609567
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.6	24.8
203	17.4	14.1	21.1

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#78

Terphenyl-d14

Concen: 63.21 ng

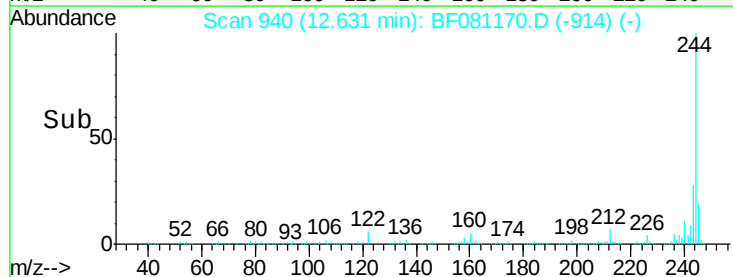
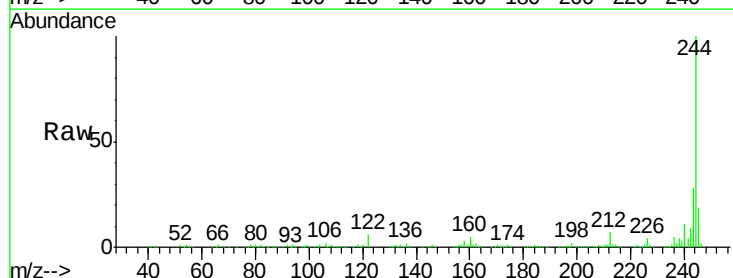
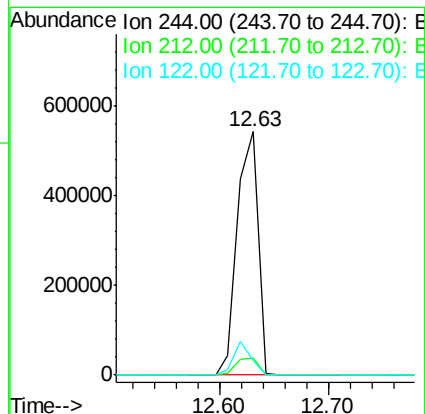
RT: 12.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:	244	Resp:	705392
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	6.2	8.2	12.4#





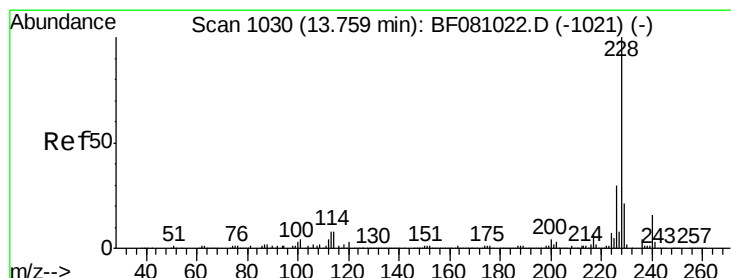
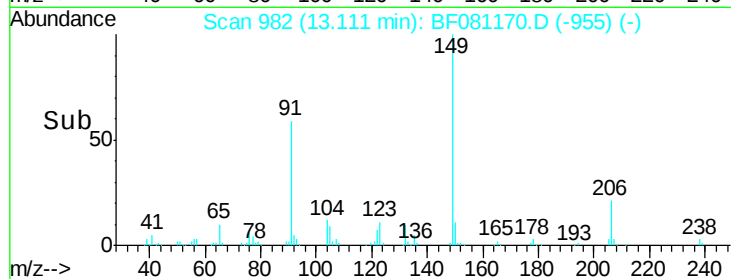
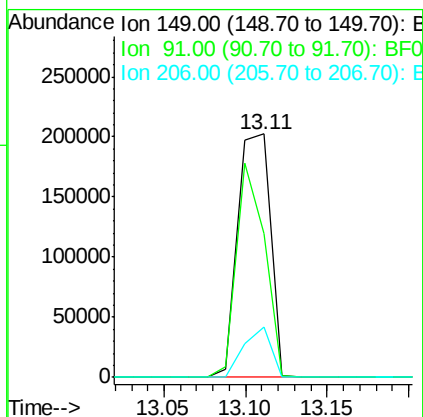
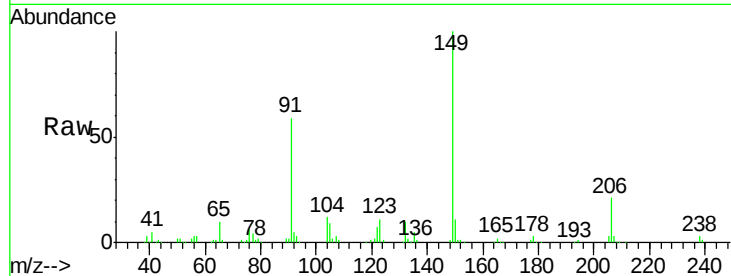
#79
Butylbenzylphthalate
Concen: 33.48 ng
RT: 13.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

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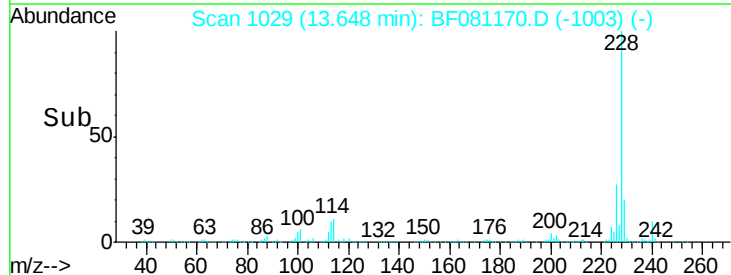
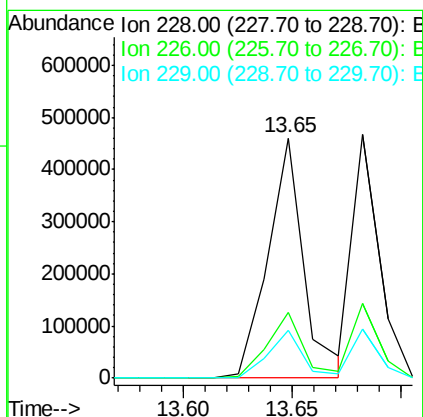
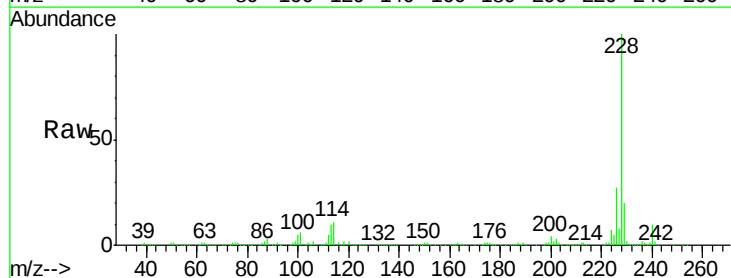
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	279835		
91	59.2	46.9	70.3	
206	20.6	17.0	25.4	



#80
Benzo(a)anthracene
Concen: 33.31 ng
RT: 13.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	534354		
226	27.4	22.3	33.5	
229	19.8	15.9	23.9	





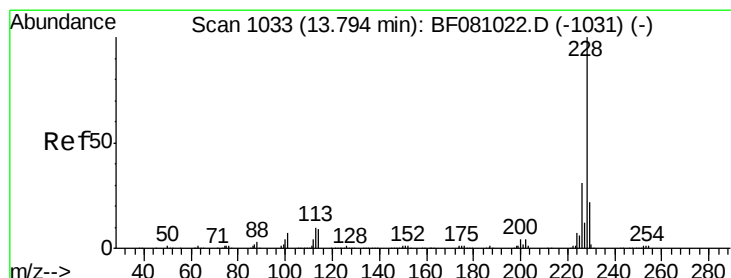
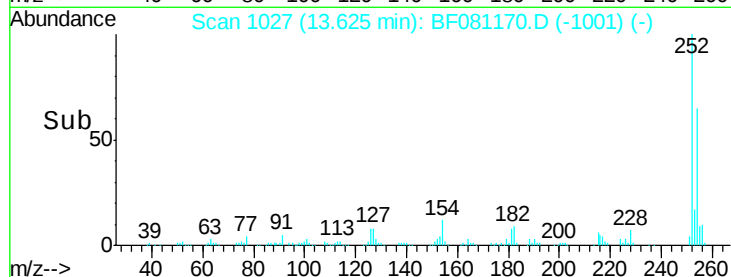
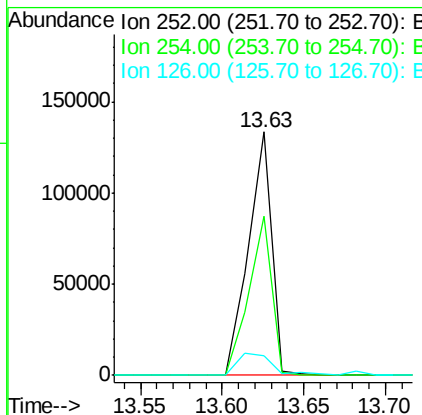
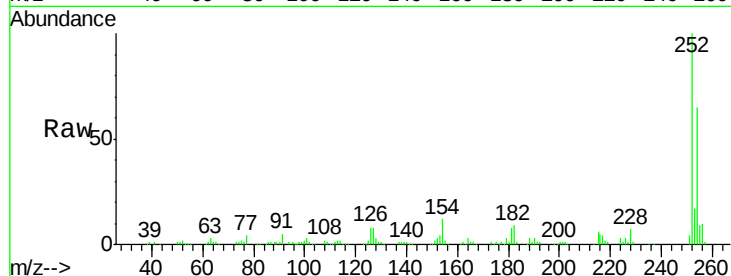
#81
 3,3'-Dichlorobenzidine
 Concen: 25.48 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	51.5	77.3
126	8.0	12.5	18.7

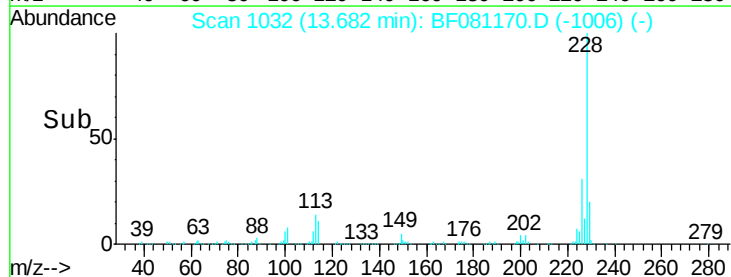
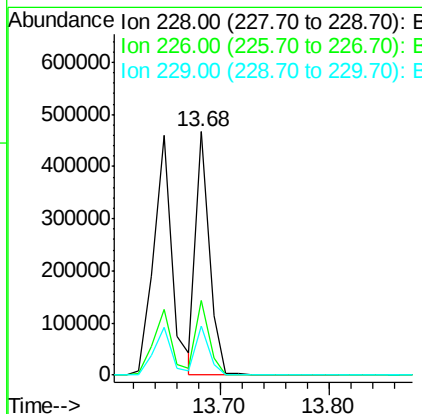
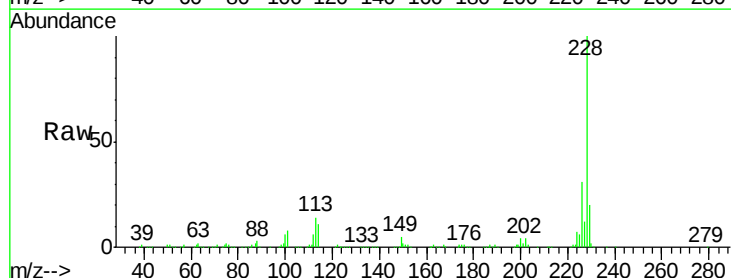
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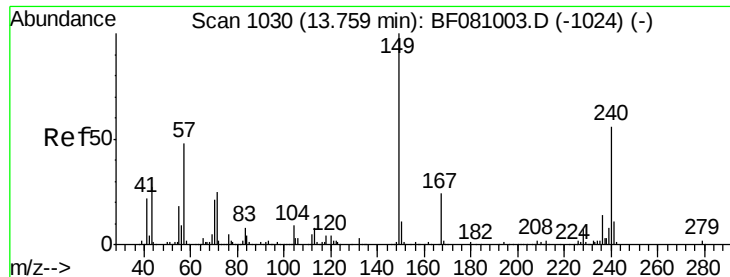
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#82
 Chrysene
 Concen: 28.07 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.0	16.0	24.0





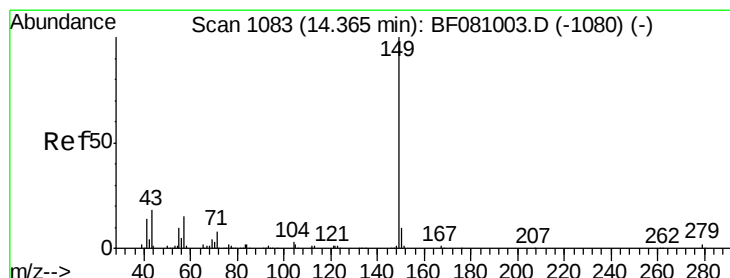
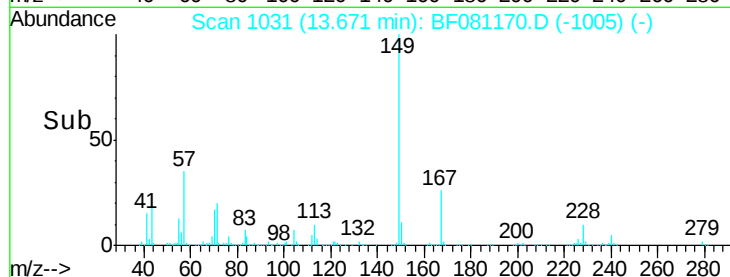
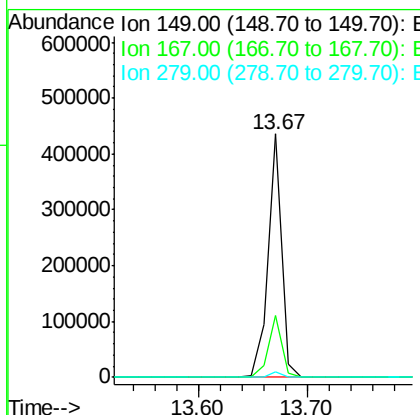
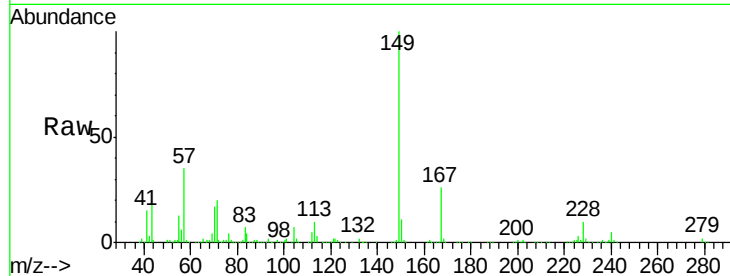
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.86 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.5	20.7	31.1
279	2.3	2.2	3.4

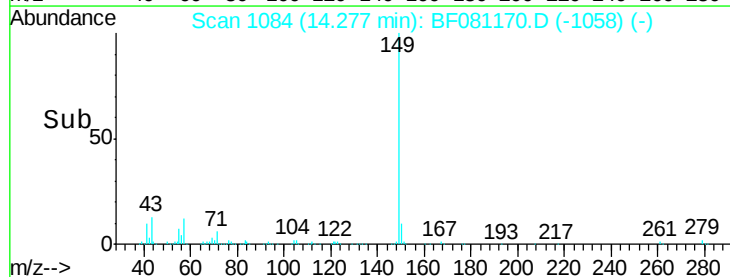
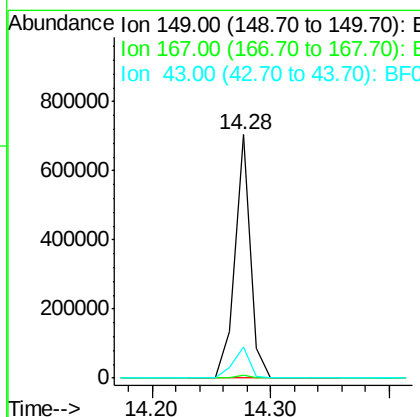
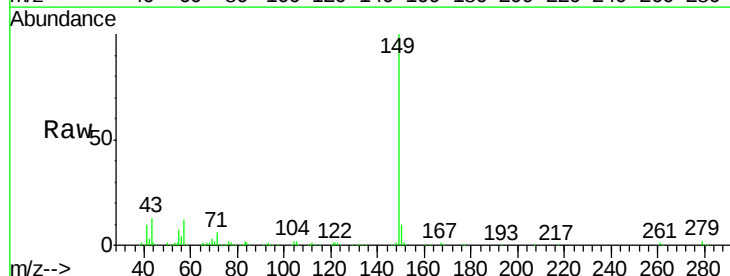
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#84
 Di-n-octyl phthalate
 Concen: 39.24 ng
 RT: 14.28 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.1	1.7
43	13.7	11.6	17.4





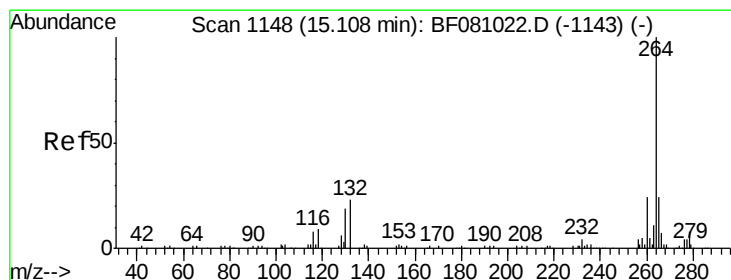
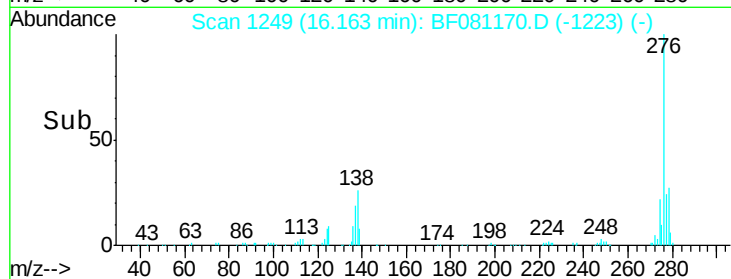
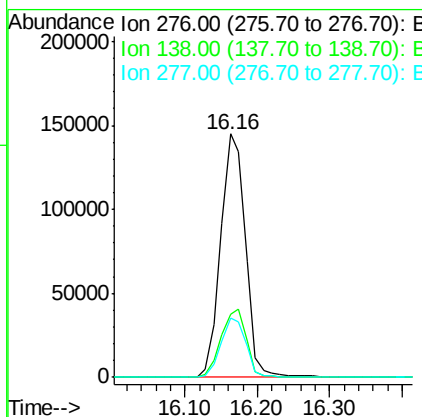
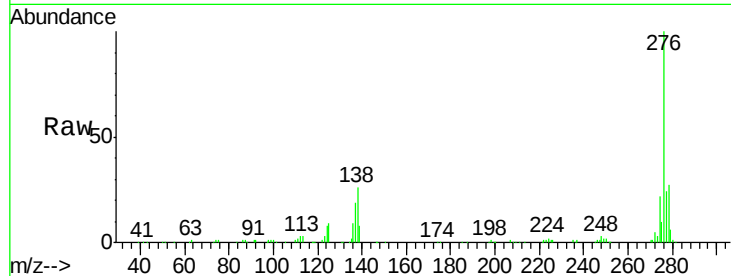
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.93 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	18.6	28.0#
277	24.5	19.8	29.8

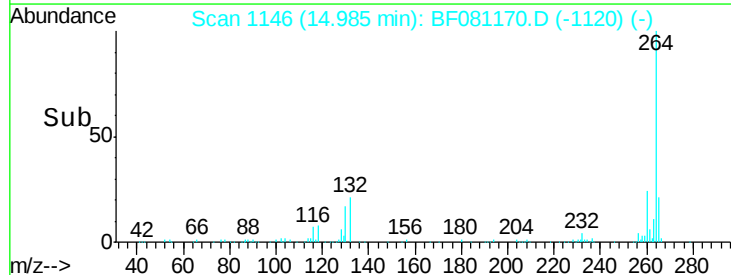
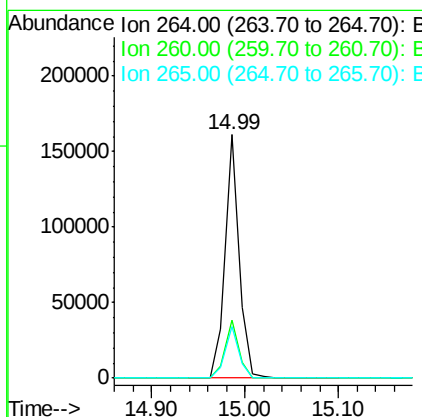
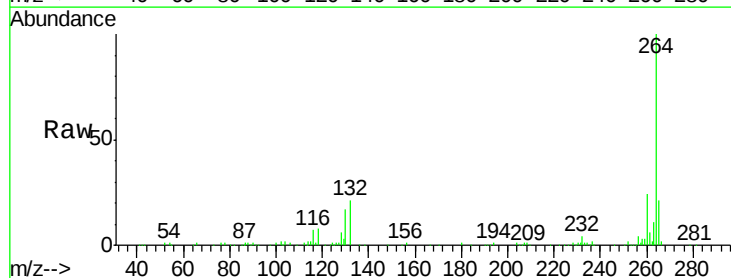
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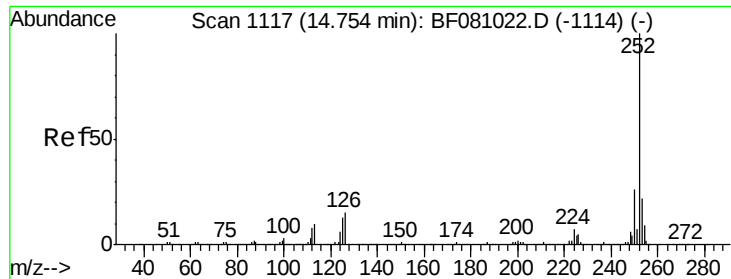
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.27 ng m

RT: 14.64 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF081170.D

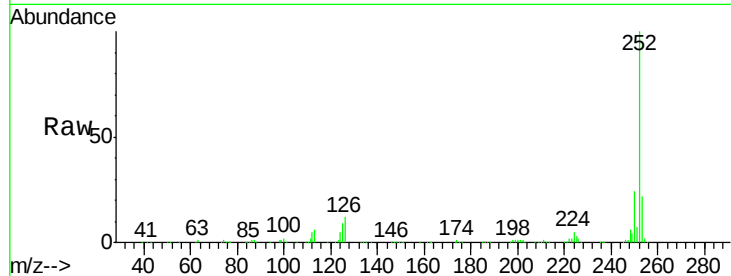
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Instrument :

BNA_F

ClientSampleId :

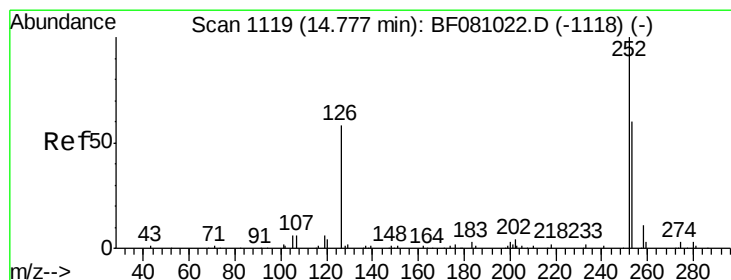
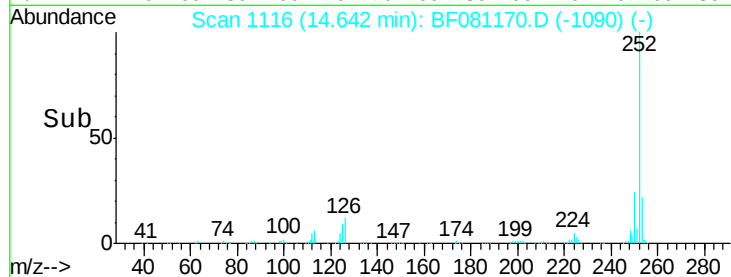
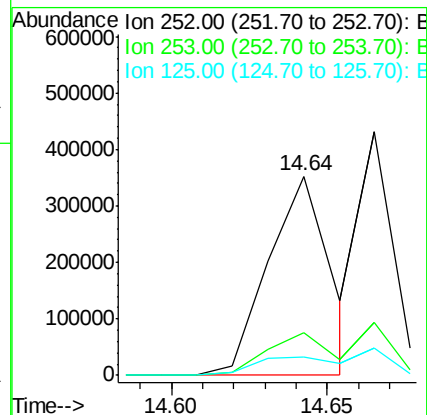
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.2	8.0	12.0

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#88

Benzo(k)fluoranthene

Concen: 30.06 ng m

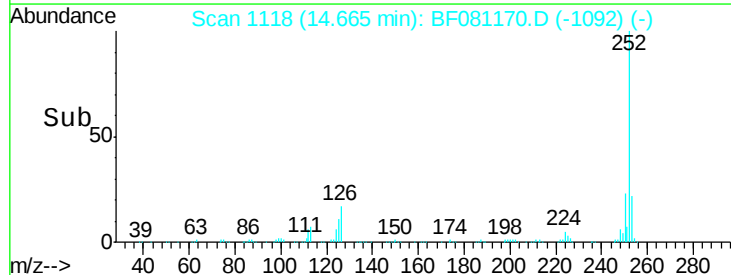
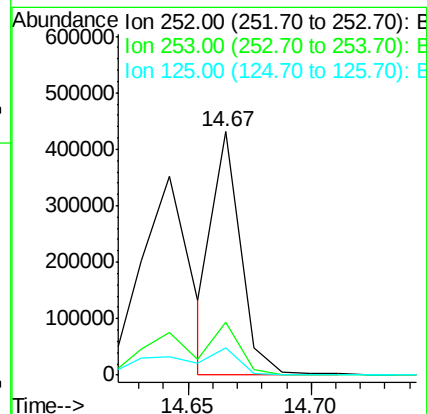
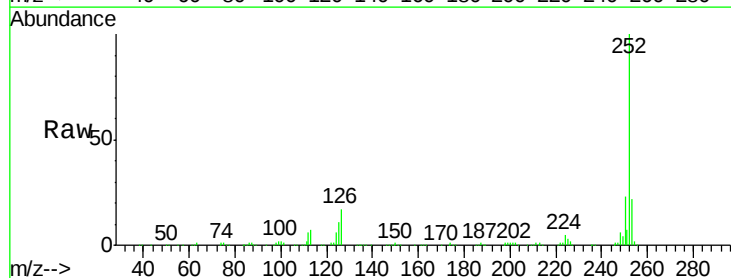
RT: 14.67 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.5	10.3	15.5





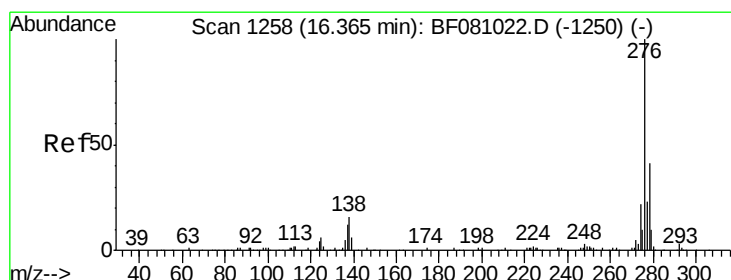
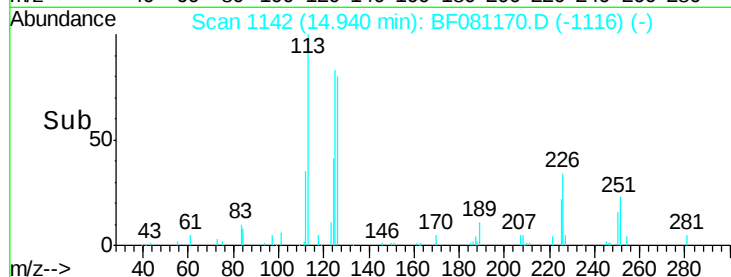
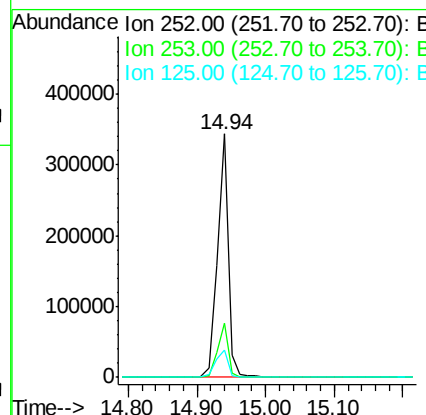
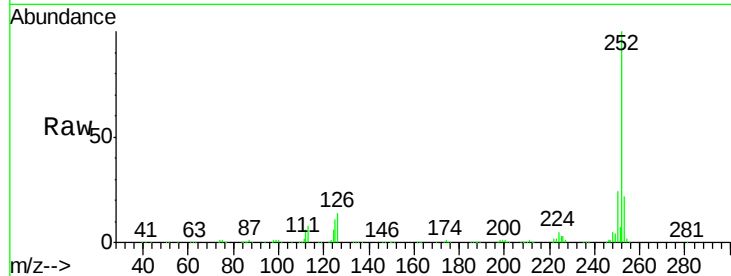
#89
Benzo(a)pyrene
Concen: 36.77 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	385296		
253	22.1	16.6	25.0	
125	11.1	7.8	11.8	

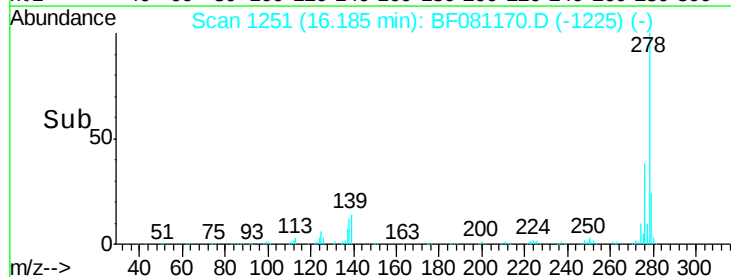
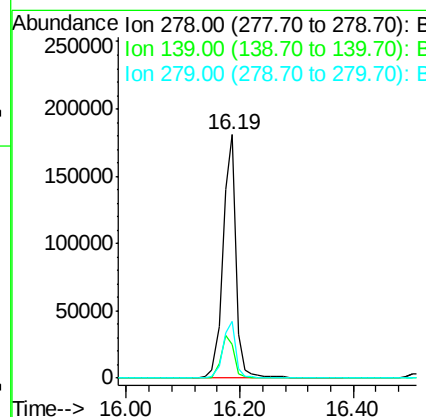
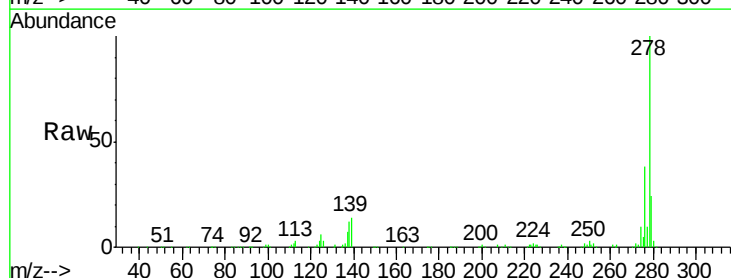
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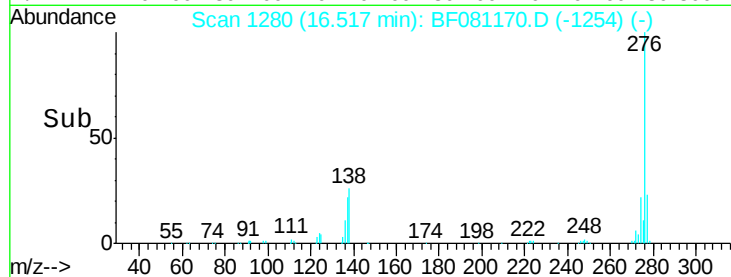
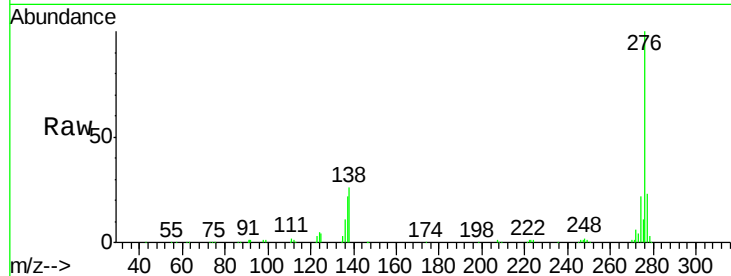
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#90
Dibenzo(a,h)anthracene
Concen: 35.22 ng
RT: 16.19 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	287547		
139	13.9	10.8	16.2	
279	23.6	19.0	28.6	





#91

Benzo(g,h,i)perylene

Concen: 34.68 ng

RT: 16.52 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		287225		
277	22.7	18.2	27.2		
138	25.9	13.7	20.5		

Manual Integrations
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