

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080828.D
 Acq On : 4 Aug 2015 7:10
 Operator : TP
 Sample : PB84815BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:06 PM

Quant Time: Aug 04 18:47:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184866	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	683933	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	345555	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	629154	20.00	ng	0.00
75) Chrysene-d12	13.99	240	382349	20.00	ng	0.00
86) Perylene-d12	15.39	264	328326	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1098185	98.62	ng	0.01
7) Phenol-d6	6.46	99	1510595	100.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	1065231	76.49	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	406407	122.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1733322	75.47	ng	0.00
78) Terphenyl-d14	12.93	244	1461710	76.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	165759	29.06	ng	99
3) Pyridine	3.29	79	519650	34.59	ng	97
4) n-Nitrosodimethylamine	3.24	42	260801	31.25	ng	99
6) Aniline	6.50	93	511653	23.90	ng	94
8) 2-Chlorophenol	6.61	128	408959	33.35	ng	# 72
9) Benzaldehyde	6.37	77	82791	7.21	ng	90
10) Phenol	6.48	94	541052	31.05	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	421258	33.64	ng	84
12) 1,3-Dichlorobenzene	6.77	146	462896	33.60	ng	97
13) 1,4-Dichlorobenzene	6.85	146	480881	35.01	ng	97
14) 1,2-Dichlorobenzene	7.00	146	429474m	33.77	ng	
15) Benzyl Alcohol	6.98	79	326267	31.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866873	35.01	ng	98
17) 2-Methylphenol	7.09	107	387245	35.79	ng	98
18) Hexachloroethane	7.34	117	174026	34.38	ng	# 90
19) n-Nitroso-di-n-propylamine	7.25	70	353135	36.51	ng	# 92
20) 3+4-Methylphenols	7.24	107	453443	36.06	ng	94
22) Acetophenone	7.24	105	571898	34.30	ng	# 82
24) Nitrobenzene	7.41	77	474288	33.52	ng	# 87
25) Isophorone	7.65	82	881434	35.42	ng	95
26) 2-Nitrophenol	7.73	139	233208	38.55	ng	88
27) 2,4-Dimethylphenol	7.77	122	445025	38.62	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	586638	39.06	ng	99
29) 2,4-Dichlorophenol	7.97	162	367968	38.04	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	369863	35.15	ng	97
31) Naphthalene	8.13	128	1187119	35.28	ng	99
32) Benzoic acid	7.88	122	243314	34.92	ng	96
33) 4-Chloroaniline	8.19	127	300801	21.22	ng	# 92
34) Hexachlorobutadiene	8.26	225	231587	35.85	ng	98
35) Caprolactam	8.54	113	110416m	41.08	ng	
36) 4-Chloro-3-methylphenol	8.67	107	408587	39.34	ng	99
37) 2-Methylnaphthalene	8.83	142	836121	39.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	330576	30.03	ng	# 98
40) Hexachlorocyclopentadiene	8.99	237	488826	73.06	ng	99

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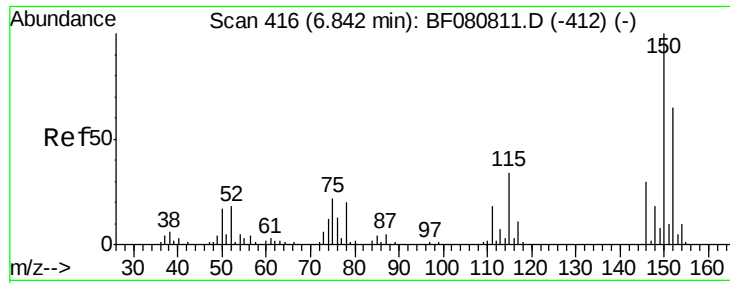
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	257759	33.07	ng	100
43) 2,4,5-Trichlorophenol	9.15	196	275865	36.09	ng #	86
45) 1,1'-Biphenyl	9.29	154	897120	34.30	ng	95
46) 2-Chloronaphthalene	9.31	162	737840	34.09	ng #	92
47) 2-Nitroaniline	9.41	65	323678	40.41	ng	98
48) Acenaphthylene	9.73	152	1255948	37.06	ng	100
49) Dimethylphthalate	9.60	163	846486	36.74	ng	100
50) 2,6-Dinitrotoluene	9.65	165	182782	36.59	ng	96
51) Acenaphthene	9.90	154	857290	41.93	ng	100
52) 3-Nitroaniline	9.82	138	143576	24.55	ng	81
53) 2,4-Dinitrophenol	9.93	184	238883	87.79	ng #	81
54) Dibenzofuran	10.08	168	1059351	39.29	ng	99
55) 4-Nitrophenol	9.98	139	341073	83.10	ng #	86
56) 2,4-Dinitrotoluene	10.05	165	232673	36.99	ng	99
57) Fluorene	10.42	166	821723	39.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	226437	41.35	ng	95
59) Diethylphthalate	10.29	149	826145	37.33	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	355197	34.31	ng	97
61) 4-Nitroaniline	10.43	138	175363	32.98	ng	97
62) Azobenzene	10.57	77	981649	38.31	ng	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	155091	37.98	ng	97
65) n-Nitrosodiphenylamine	10.53	169	770982	35.14	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	243811	35.33	ng	97
67) Hexachlorobenzene	10.97	284	281027	36.08	ng	97
68) Atrazine	11.06	200	249102	49.53	ng	99
69) Pentachlorophenol	11.15	266	318835	76.10	ng	97
70) Phenanthrene	11.38	178	1225754	37.44	ng	99
71) Anthracene	11.42	178	1107569	34.11	ng	100
72) Carbazole	11.57	167	1029057	37.04	ng #	97
73) Di-n-butylphthalate	11.92	149	1238792	36.84	ng	100
74) Fluoranthene	12.56	202	1107918	35.64	ng	98
76) Benzidine	12.68	184	426691	37.84	ng	98
77) Pyrene	12.79	202	1165612	41.08	ng	100
79) Butylbenzylphthalate	13.41	149	497502	44.67	ng	98
80) Benzo(a)anthracene	13.97	228	859913	39.69	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	207241	26.88	ng #	98
82) Chrysene	14.01	228	853243	40.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	616535	44.87	ng	98
84) Di-n-octyl phthalate	14.58	149	944213	43.46	ng	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	727727	37.55	ng	99
87) Benzo(b)fluoranthene	14.99	252	723792m	37.63	ng	
88) Benzo(k)fluoranthene	15.01	252	600593m	35.77	ng	
89) Benzo(a)pyrene	15.33	252	629255	38.34	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	614037	38.55	ng	99
91) Benzo(g,h,i)perylene	17.17	276	628774	37.77	ng #	95

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



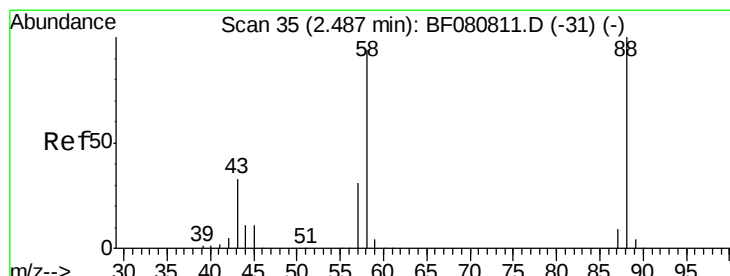
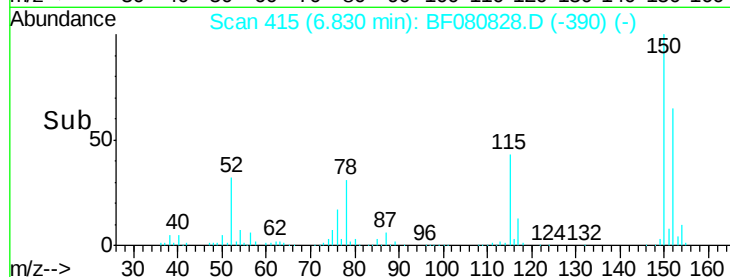
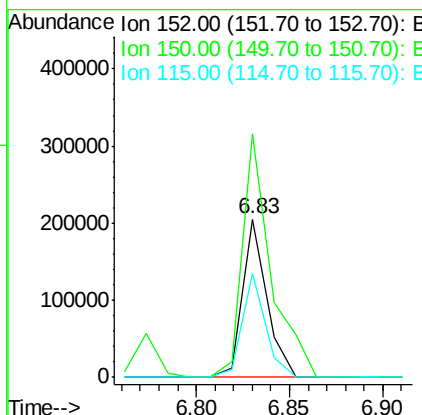
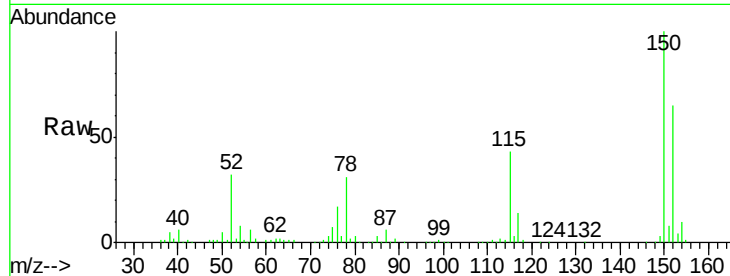
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	184866		
150	154.0	122.9	184.3	
115	65.5	42.0	63.0	

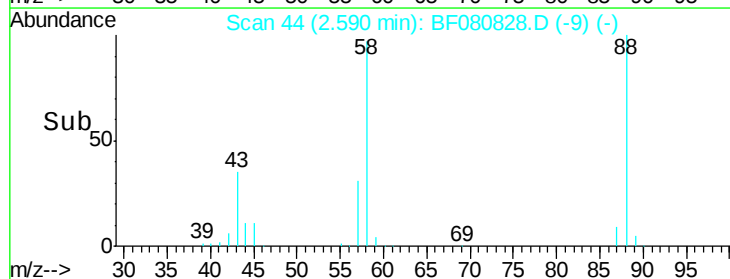
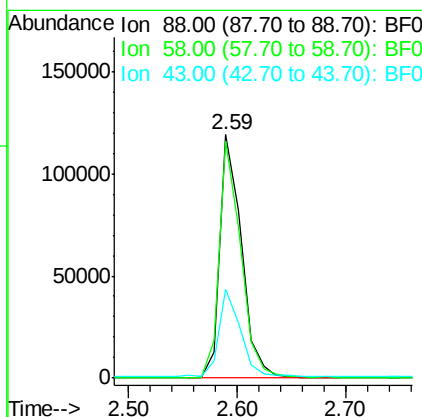
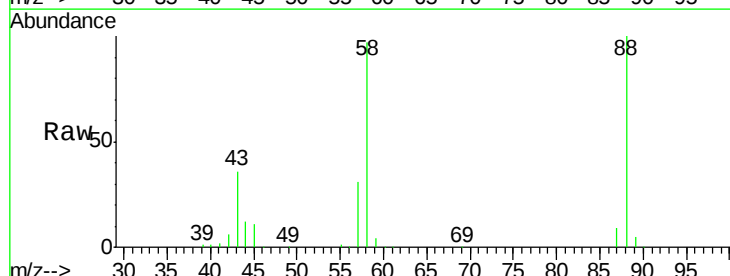
Manual Integrations
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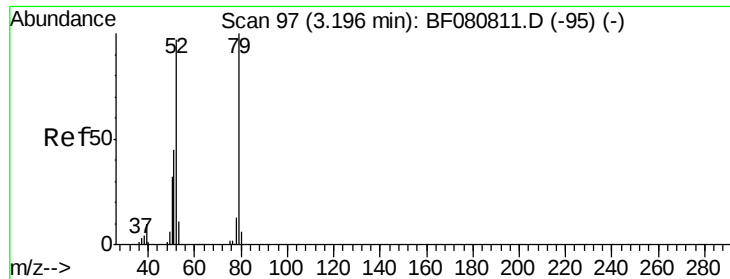
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#2
 1,4-Dioxane
 Concen: 29.06 ng
 RT: 2.59 min Scan# 44
 Delta R.T. 0.10 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	165759		
58	98.3	78.2	117.4	
43	36.1	27.6	41.4	





#3

Pyridine

Concen: 34.59 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

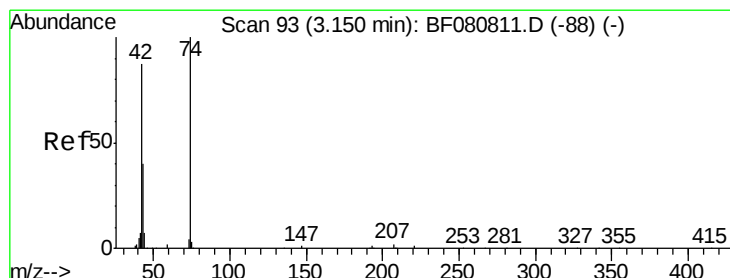
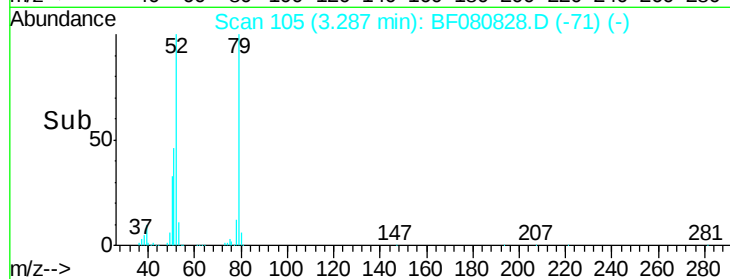
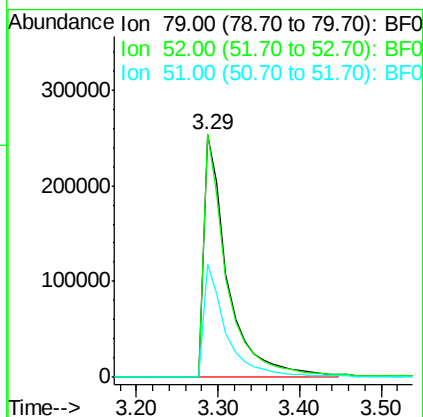
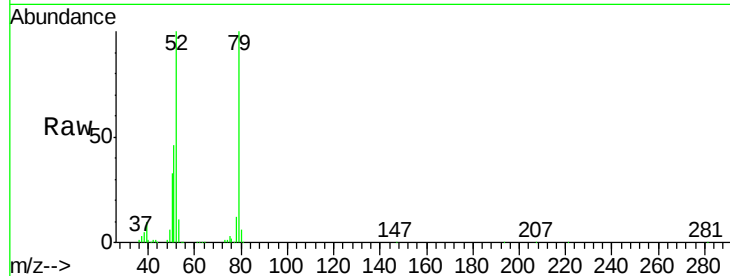
ClientSampleId :

PB84815BS

Tgt Ion:	79	Resp:	519650
Ion Ratio	Lower	Upper	
79	100		
52	100.3	77.7	116.5
51	46.5	35.8	53.8

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#4

n-Nitrosodimethylamine

Concen: 31.25 ng

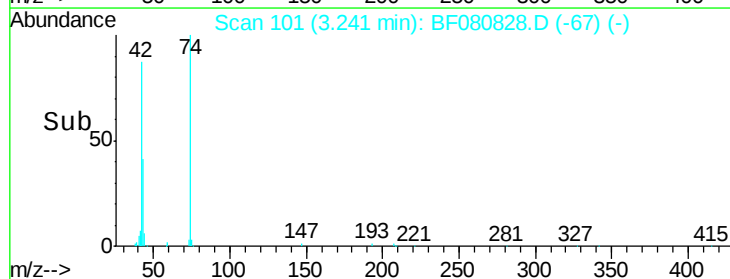
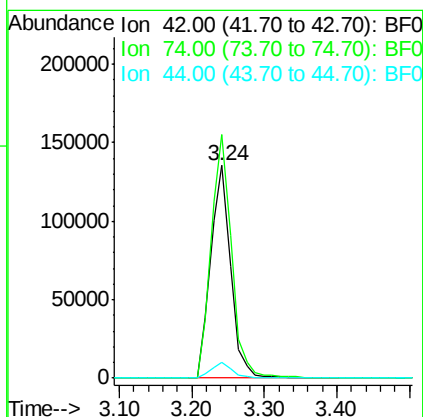
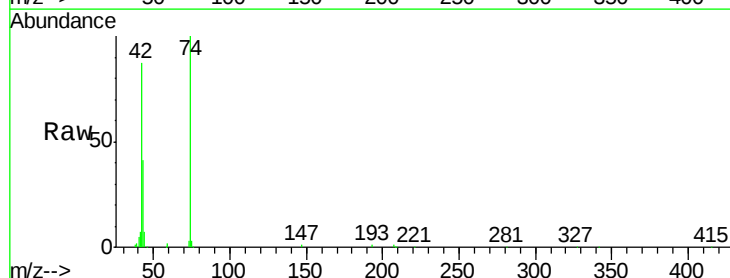
RT: 3.24 min Scan# 101

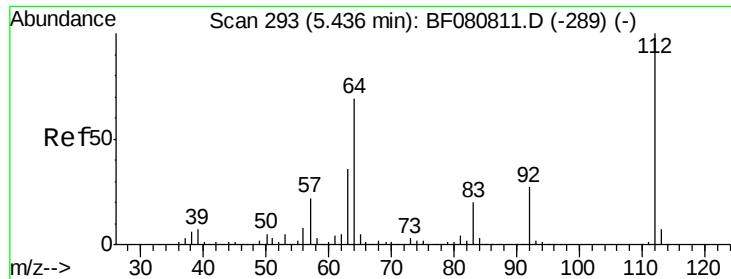
Delta R.T. 0.09 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	42	Resp:	260801
Ion Ratio	Lower	Upper	
42	100		
74	114.4	92.4	138.6
44	7.7	6.2	9.2





#5

2-Fluorophenol

Concen: 98.62 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

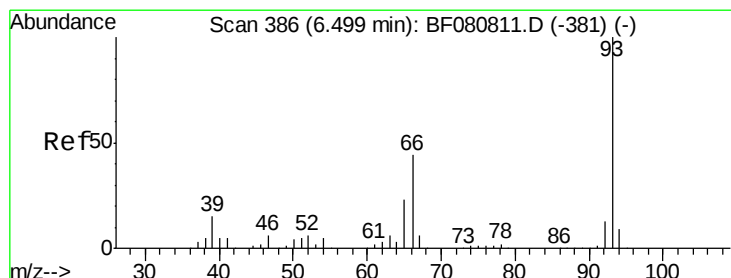
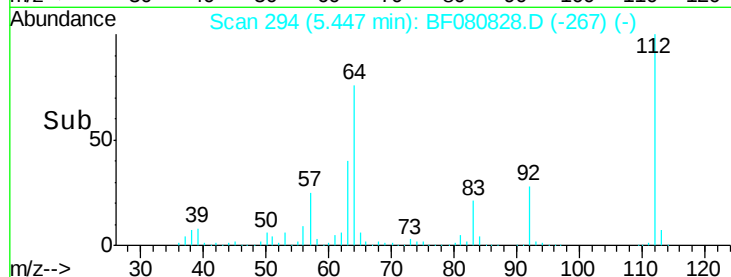
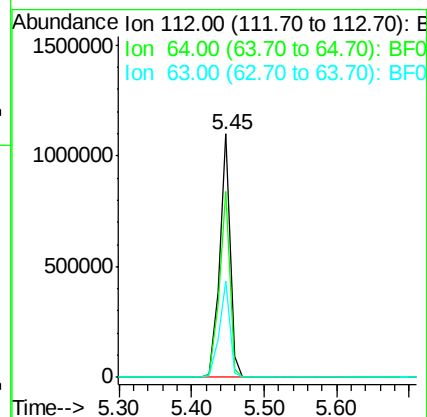
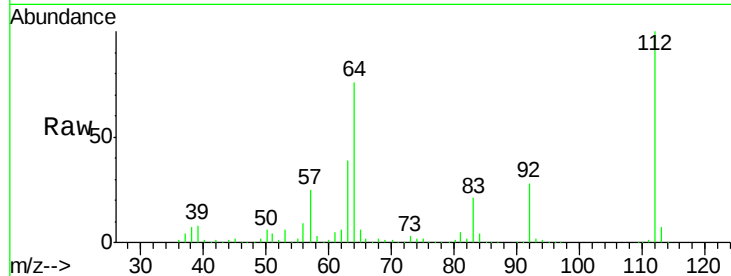
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Tgt Ion:	112	Resp:	1098185
Ion	Ratio	Lower	Upper
112	100		
64	76.4	55.0	82.4
63	39.5	28.6	42.8



#6

Aniline

Concen: 23.90 ng

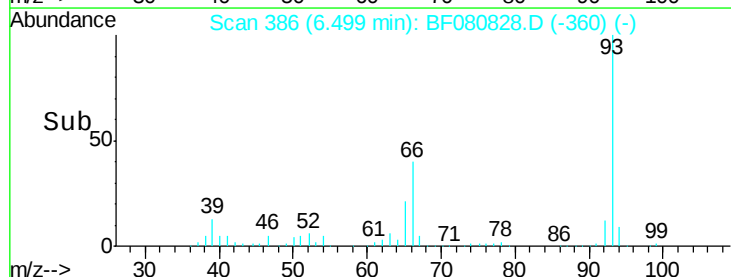
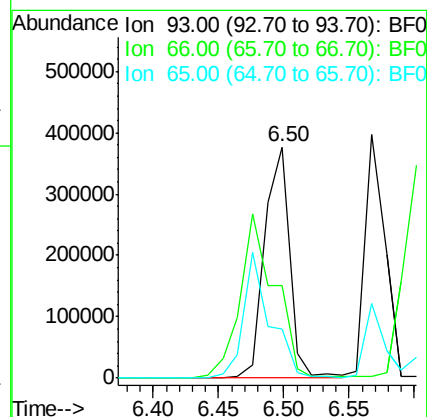
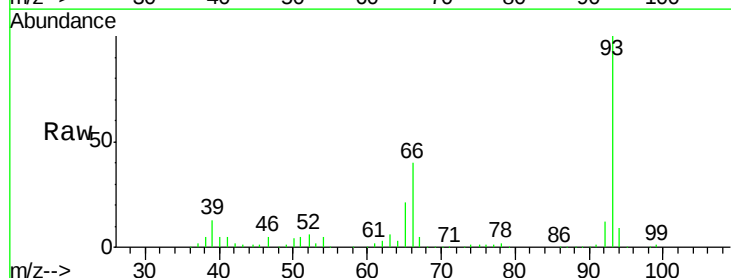
RT: 6.50 min Scan# 386

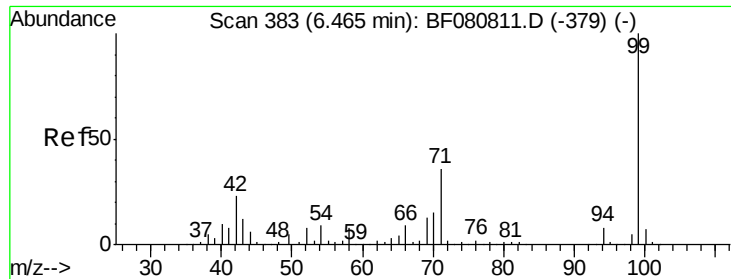
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	93	Resp:	511653
Ion	Ratio	Lower	Upper
93	100		
66	40.1	35.3	52.9
65	21.2	18.7	28.1





#7

Phenol-d6

Concen: 100.90 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

Tgt Ion: 99 Resp: 1510595

Ion Ratio Lower Upper

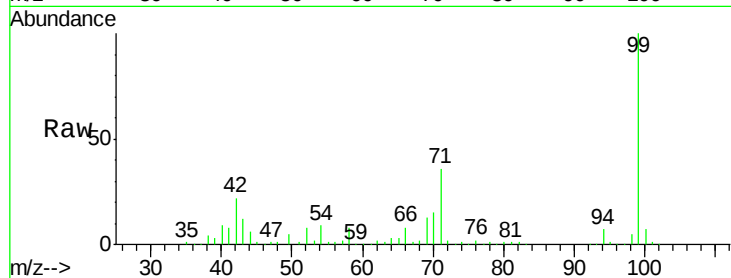
99 100

42 22.4 18.4 27.6

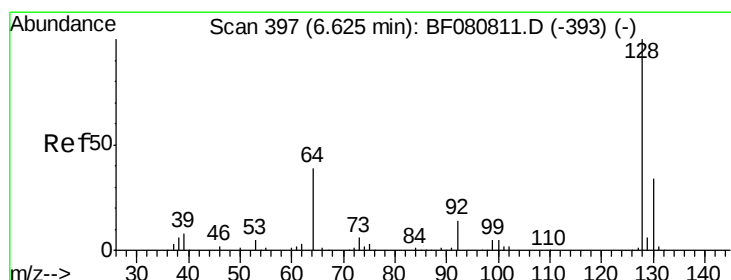
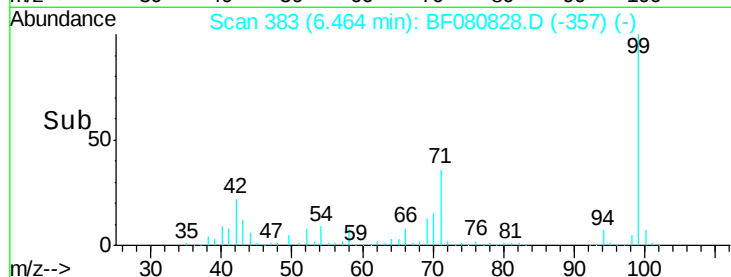
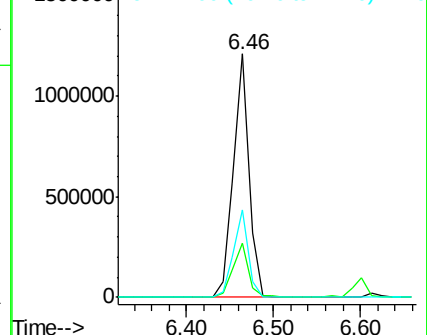
71 36.0 28.7 43.1

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.35 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

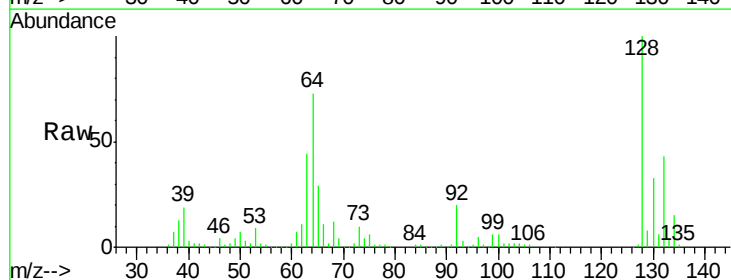
Tgt Ion: 128 Resp: 408959

Ion Ratio Lower Upper

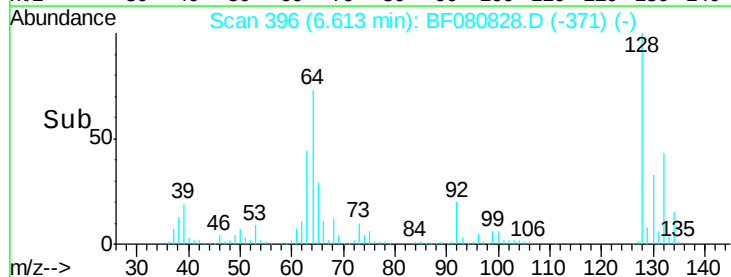
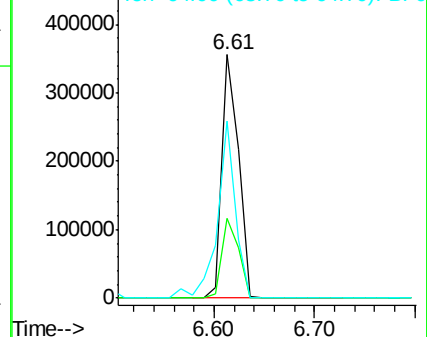
128 100

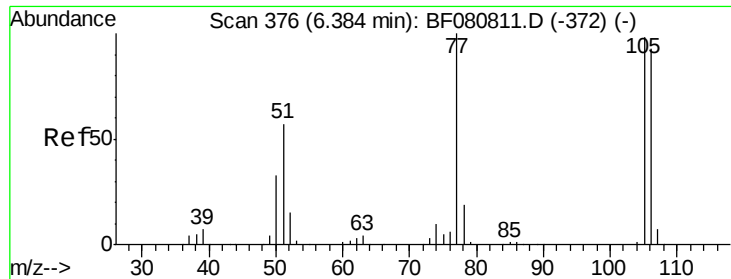
130 32.5 14.1 54.1

64 72.9 22.3 62.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.21 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

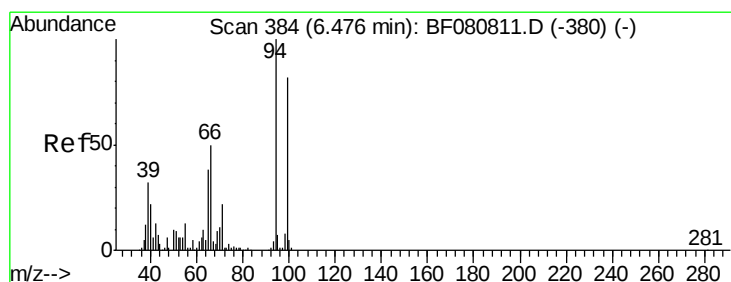
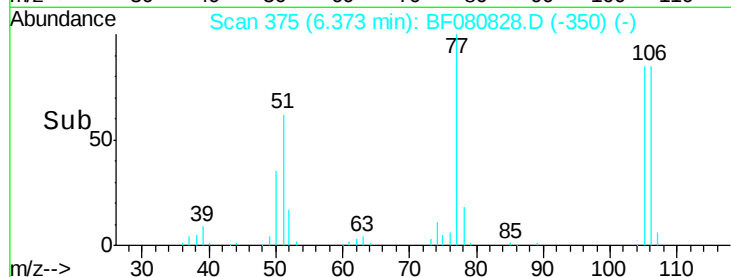
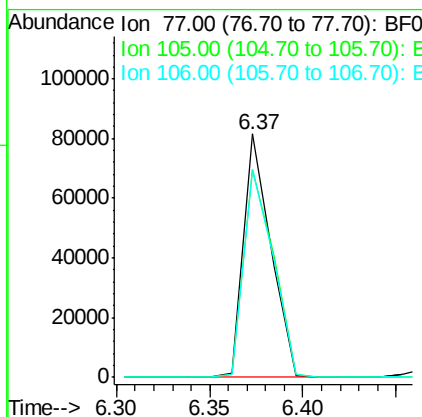
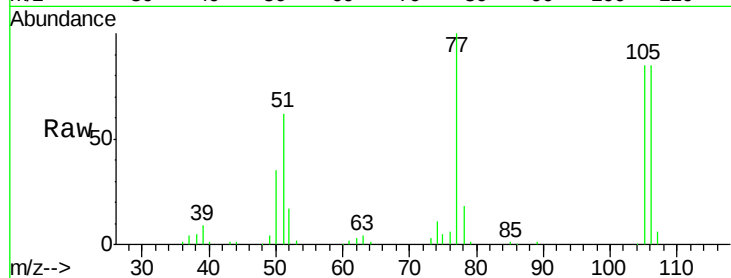
ClientSampleId :

PB84815BS

Tgt Ion:	77	Resp:	82791
Ion Ratio	Lower	Upper	
77	100		
105	85.2	78.1	118.1
106	85.4	72.7	112.7

Manual Integrations
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#10

Phenol

Concen: 31.05 ng

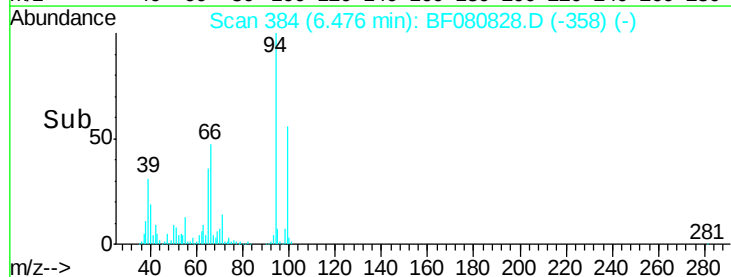
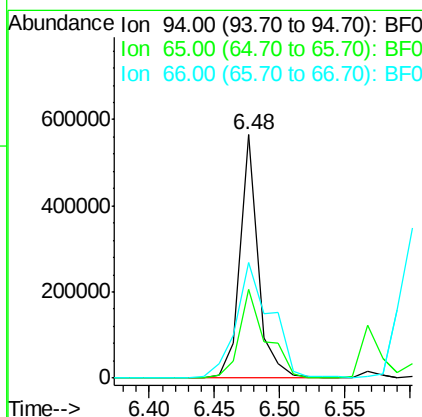
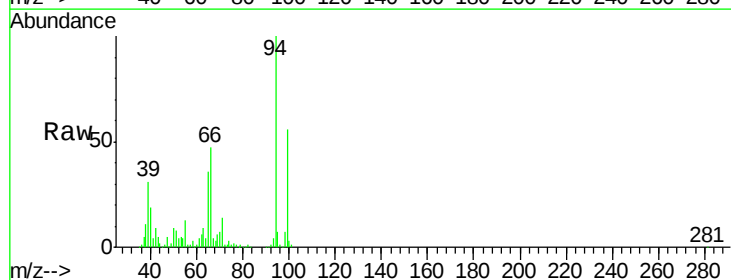
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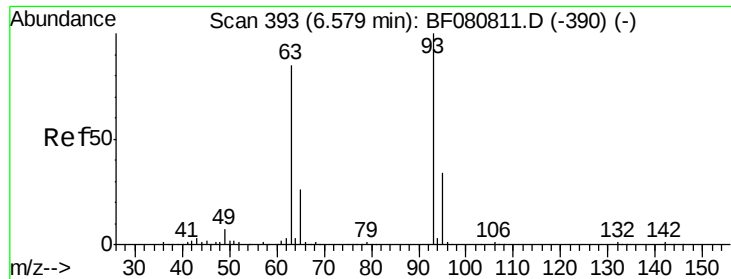
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	94	Resp:	541052
Ion Ratio	Lower	Upper	
94	100		
65	36.4	17.5	57.5
66	47.4	29.6	69.6





#11

bis(2-Chloroethyl)ether

Concen: 33.64 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

Tgt Ion: 93 Resp: 421258
Ion Ratio Lower Upper

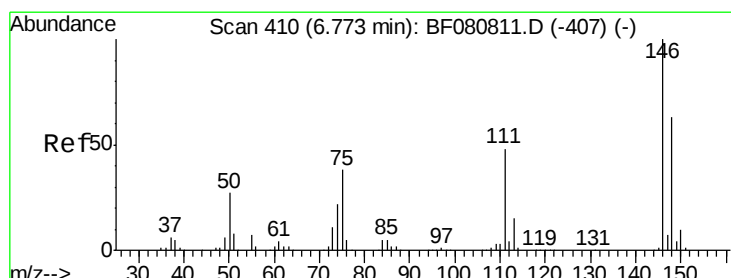
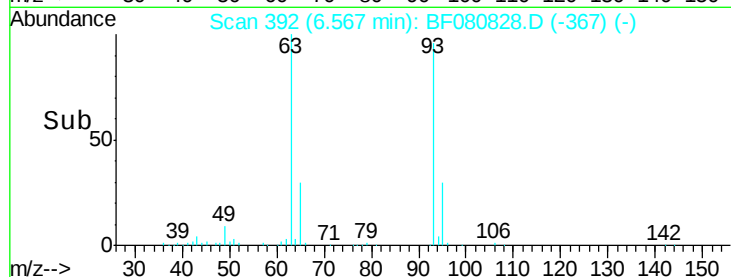
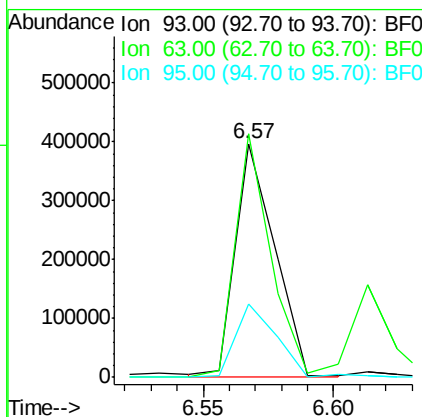
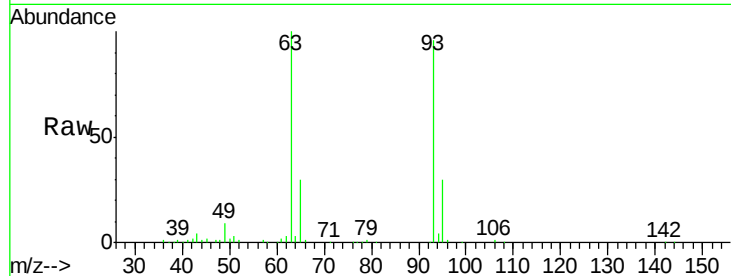
93 100

63 104.2 64.9 104.9

95 31.6 13.4 53.4

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#12

1,3-Dichlorobenzene

Concen: 33.60 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080828.D

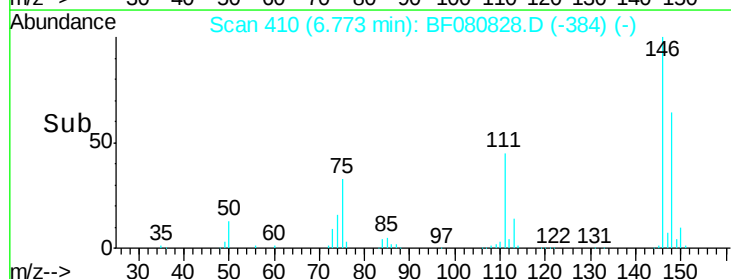
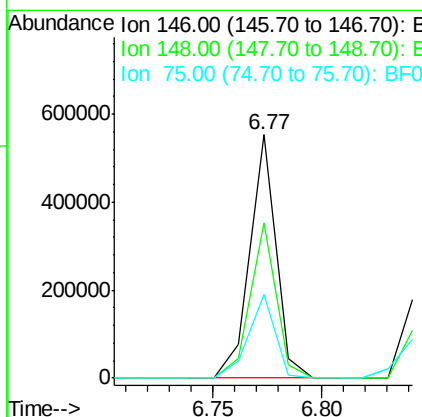
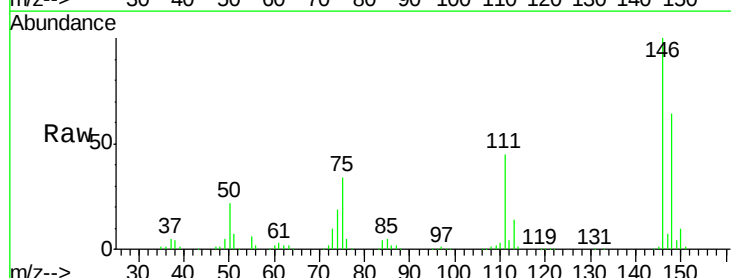
Acq: 4 Aug 2015 7:10

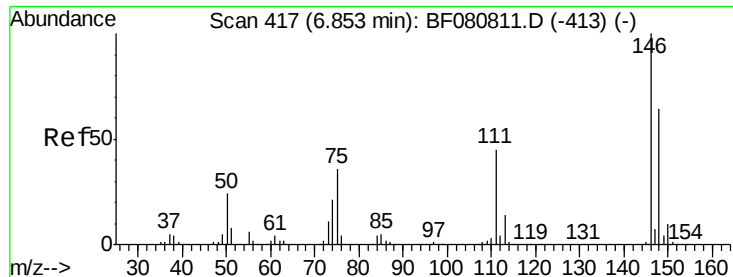
Tgt Ion: 146 Resp: 462896
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 34.4 30.7 46.1





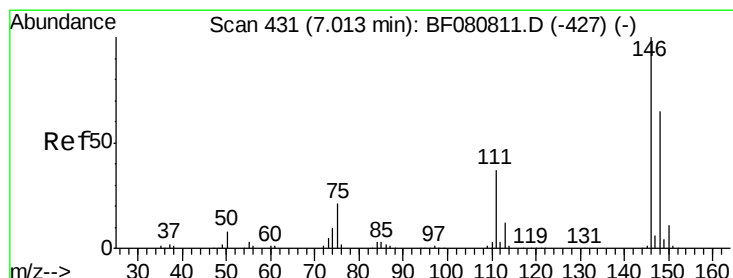
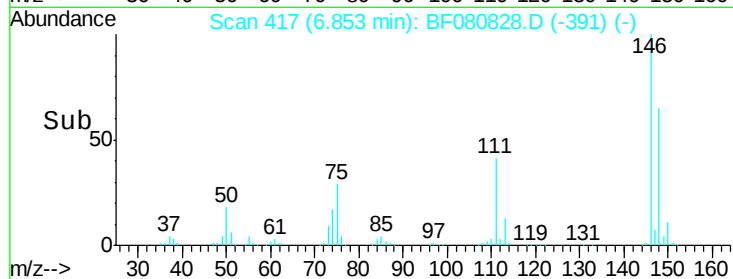
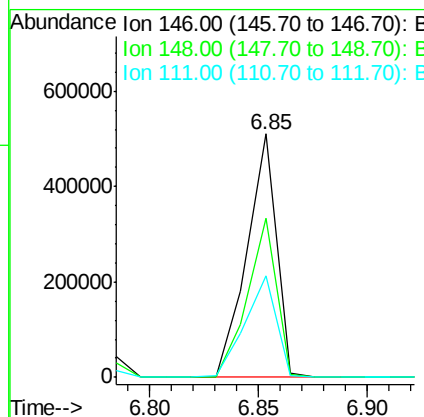
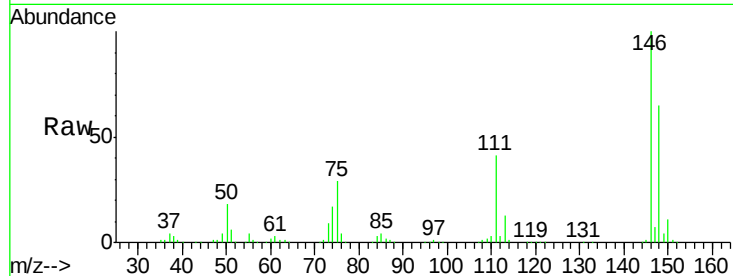
#13
 1,4-Dichlorobenzene
 Concen: 35.01 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	480881		
148	65.5	51.3	76.9	
111	41.5	35.8	53.8	

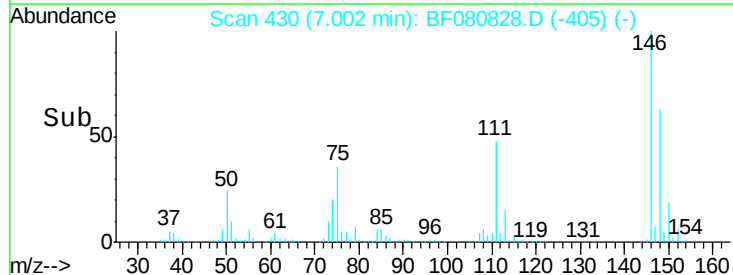
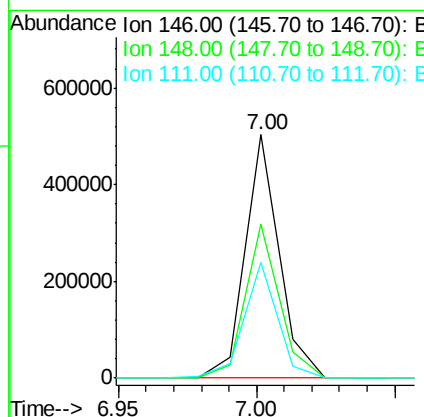
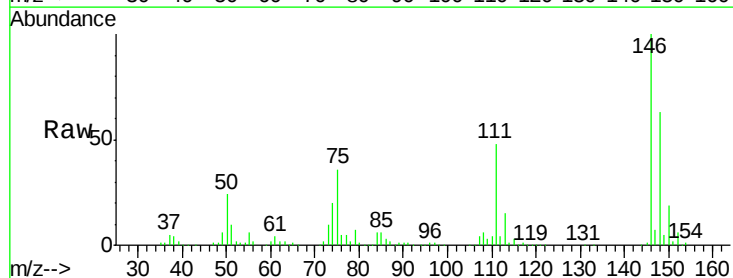
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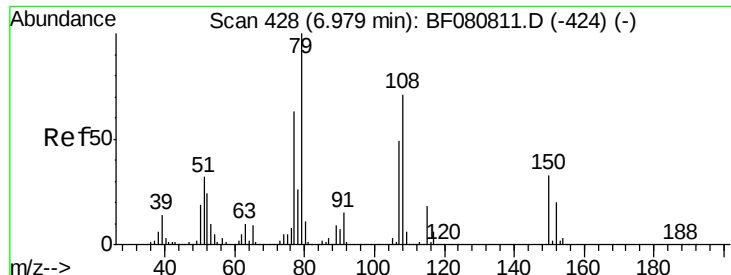
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 33.77 ng m
 RT: 7.00 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	429474		
148	63.3	52.0	78.0	
111	47.5	29.3	43.9#	





#15

Benzyl Alcohol

Concen: 31.99 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080828.D

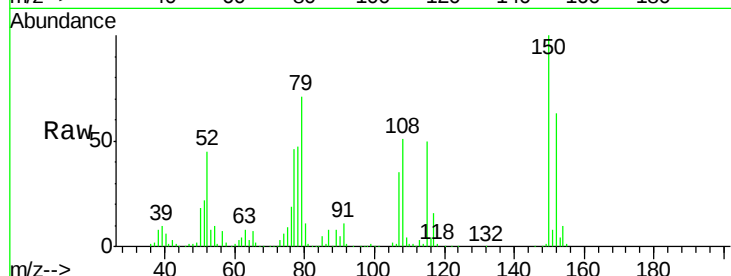
Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

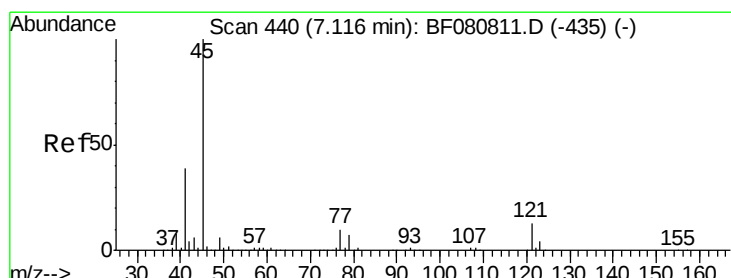
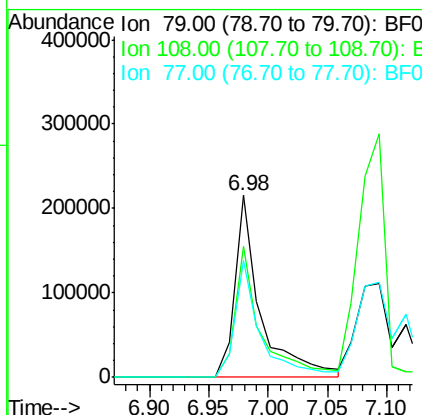
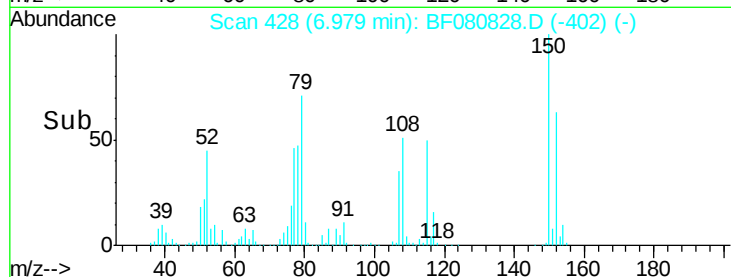
PB84815BS



Tgt Ion:	79	Resp:	326267
Ion Ratio	Lower	Upper	
79	100		
108	72.3	56.9	85.3
77	64.5	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.01 ng

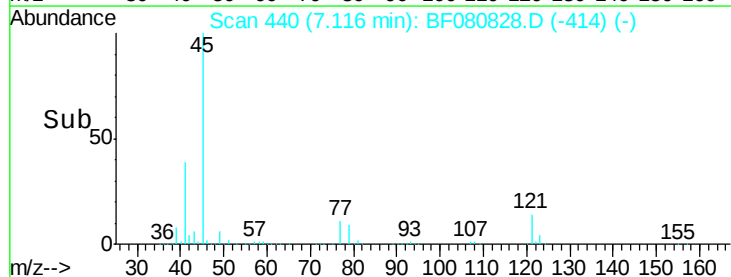
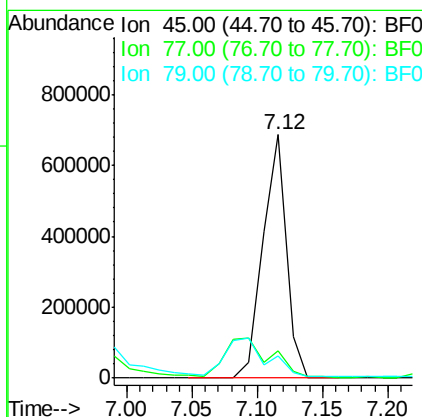
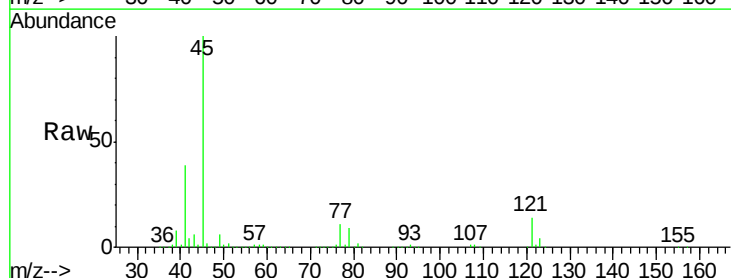
RT: 7.12 min Scan# 440

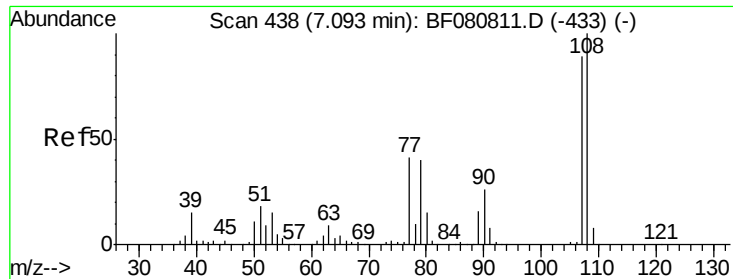
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	45	Resp:	866873
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.5
79	9.0	0.0	28.2





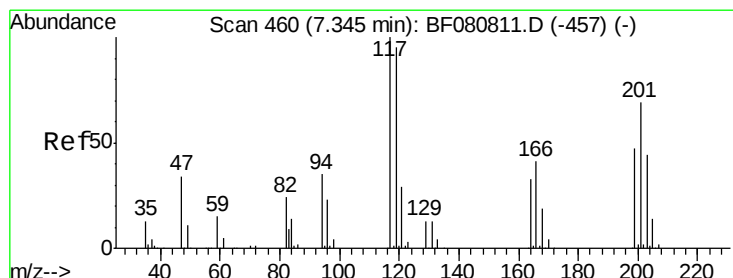
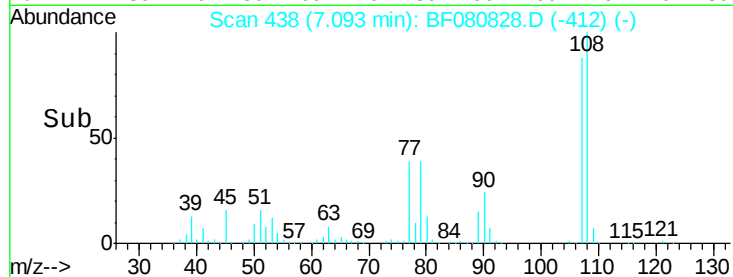
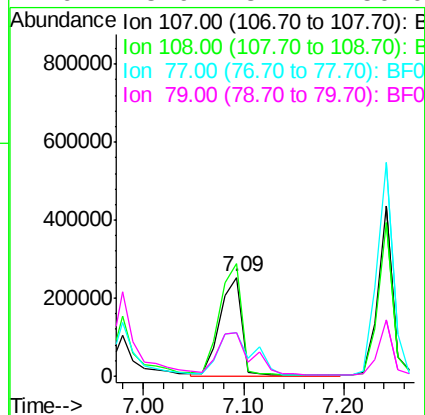
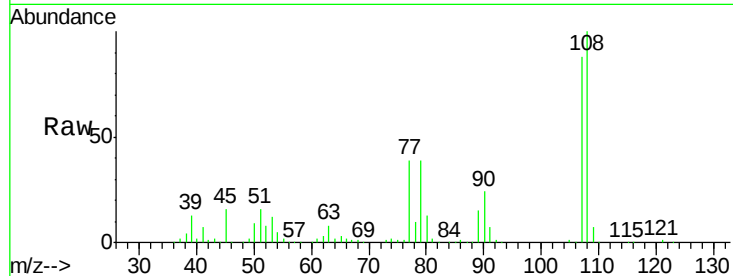
#17
2-Methylphenol
Concen: 35.79 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	387245		
108	113.6	90.6	135.8	
77	44.3	37.8	56.8	
79	43.9	37.4	56.0	

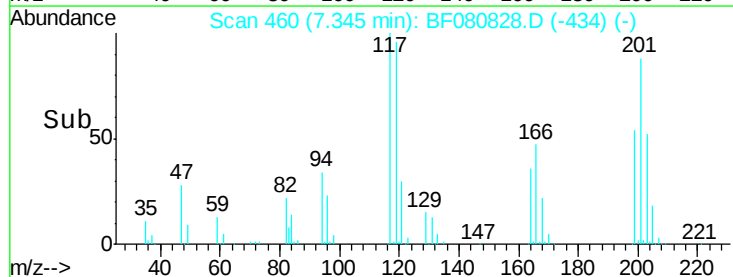
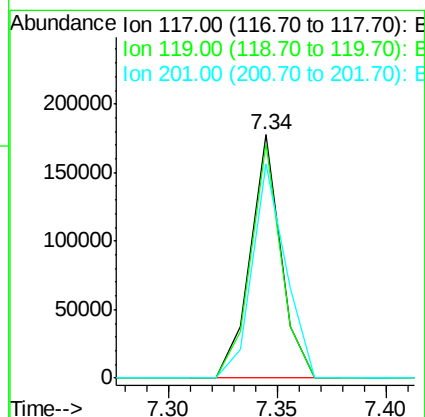
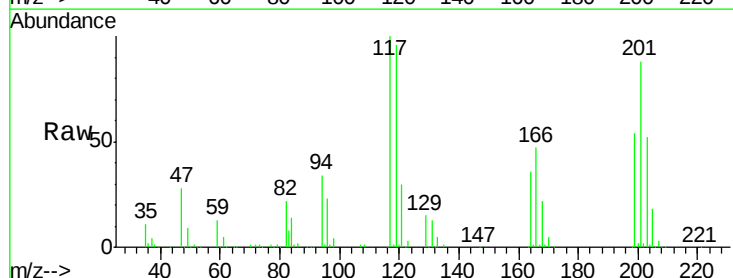
Manual Integrations
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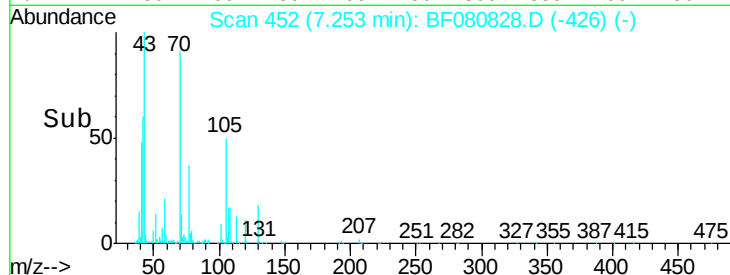
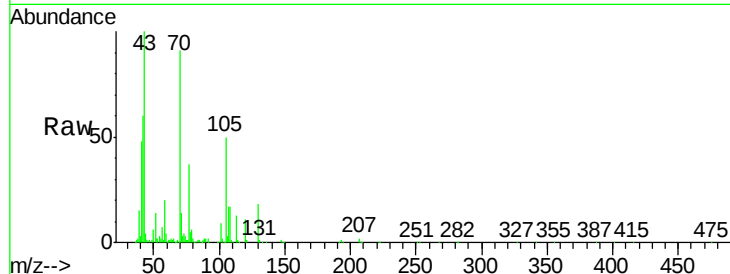
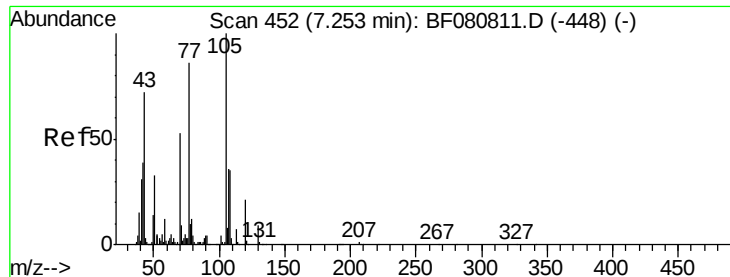
MMDadoda
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#18
Hexachloroethane
Concen: 34.38 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	174026		
119	96.3	76.3	114.5	
201	87.9	55.5	83.3#	





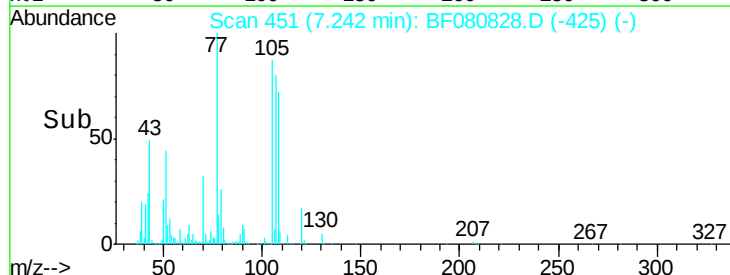
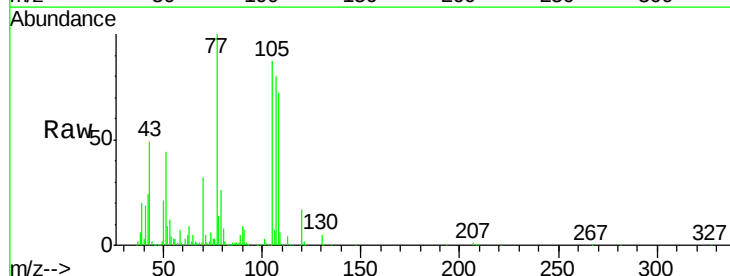
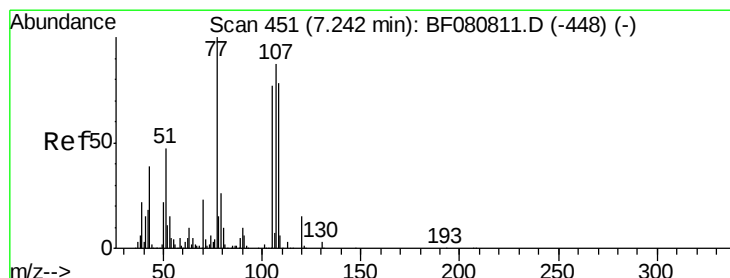
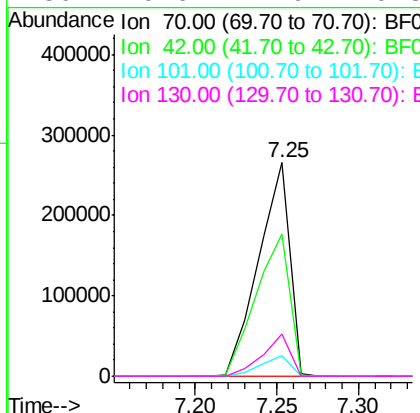
#19
n-Nitroso-di-n-propylamine
Concen: 36.51 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

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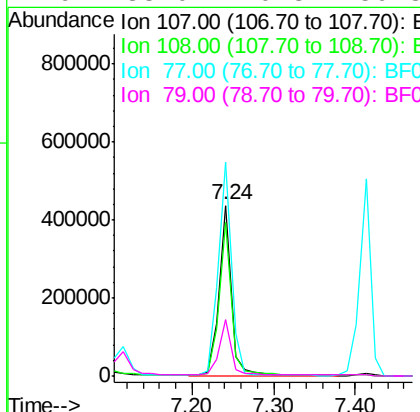
MMDadoda
8/5/2015 2:29:06 PM

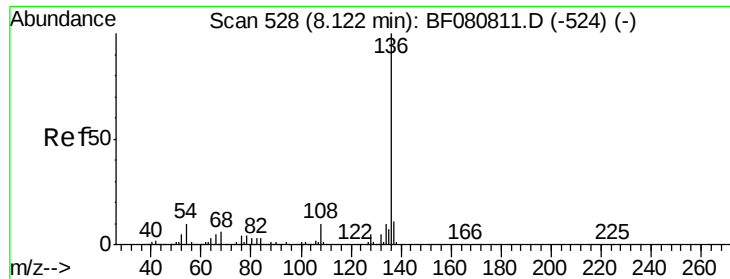
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	353135		
42	66.4	59.1	88.7	
101	9.5	6.6	10.0	
130	19.6	12.9	19.3#	



#20
3+4-Methylphenols
Concen: 36.06 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	453443		
108	90.4	69.6	109.6	
77	125.4	94.9	134.9	
79	33.0	10.3	50.3	





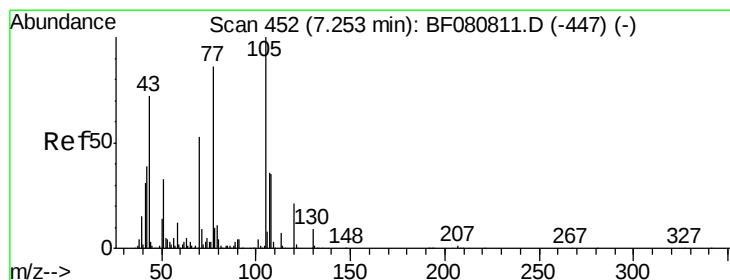
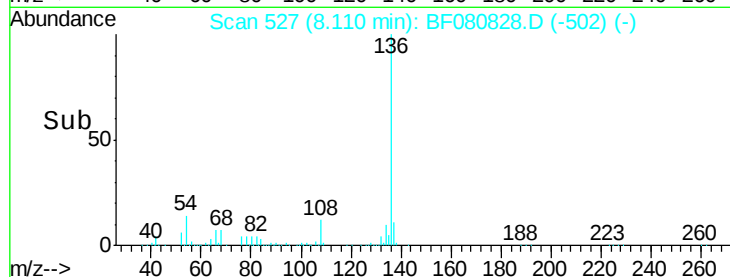
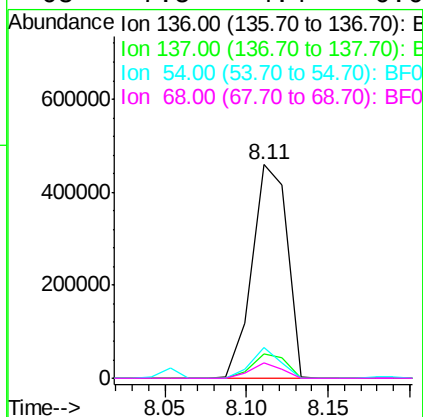
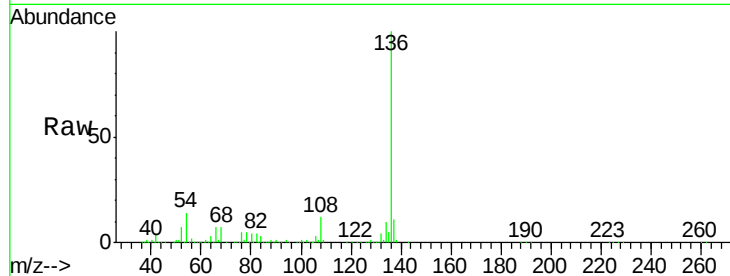
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	8.8	13.2
54	14.3	7.9	11.9#
68	7.5	4.4	6.6#

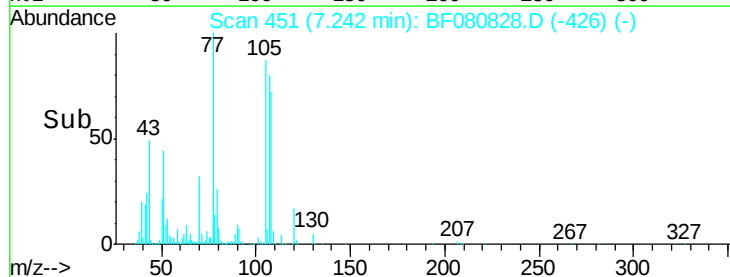
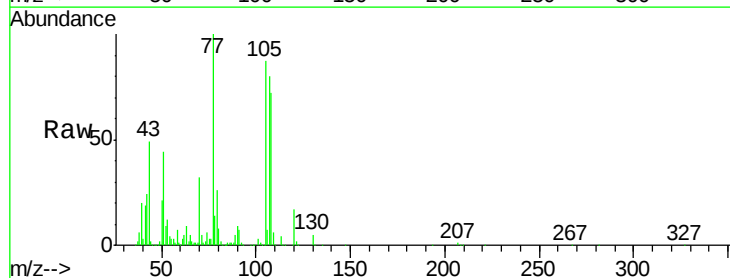
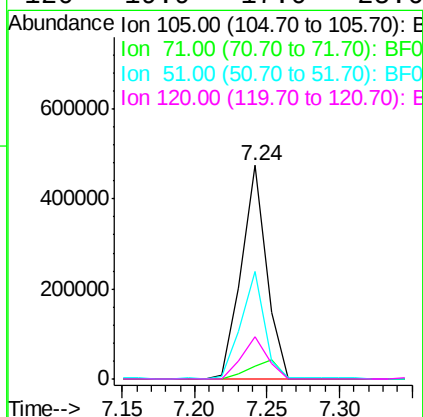
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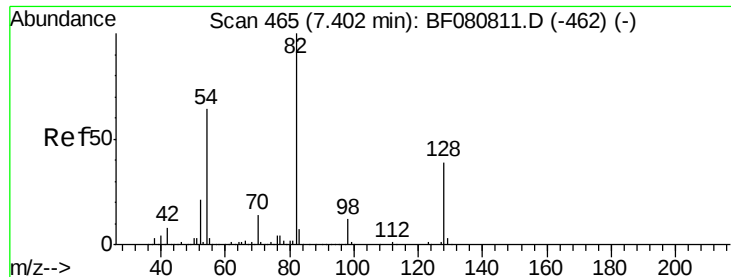
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#22
Acetophenone
Concen: 34.30 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.2	7.1	10.7#
51	50.6	26.5	39.7#
120	19.9	17.0	25.6





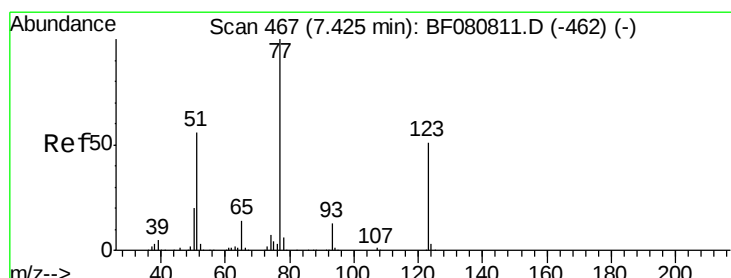
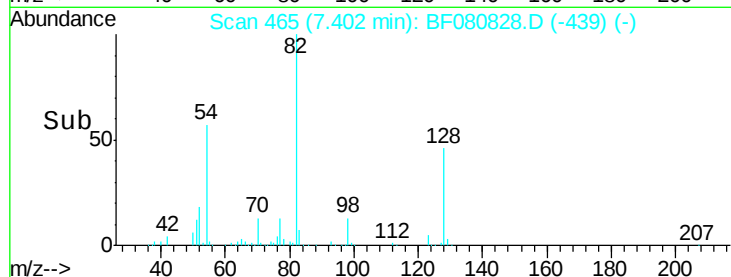
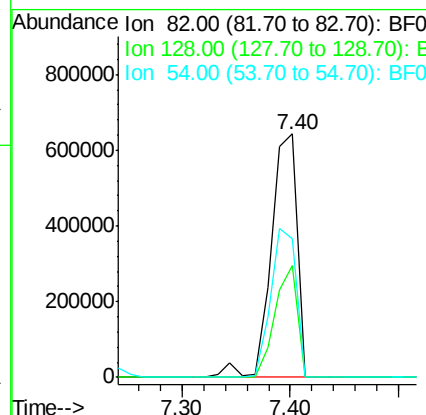
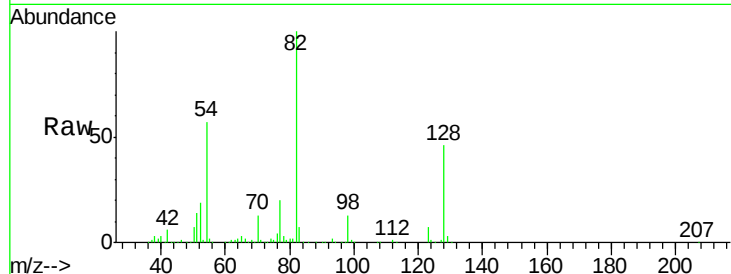
#23
 Nitrobenzene-d5
 Concen: 76.49 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion: 82 Resp: 1065231
 Ion Ratio Lower Upper
 82 100
 128 45.8 31.4 47.0
 54 57.0 51.0 76.4

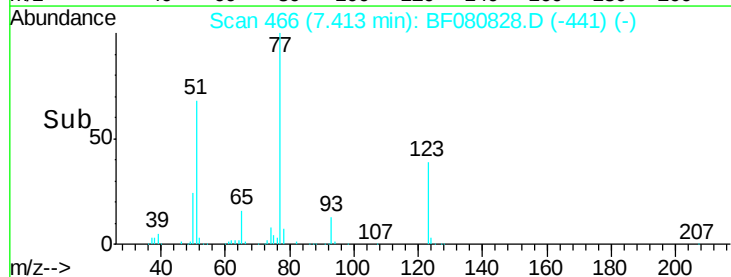
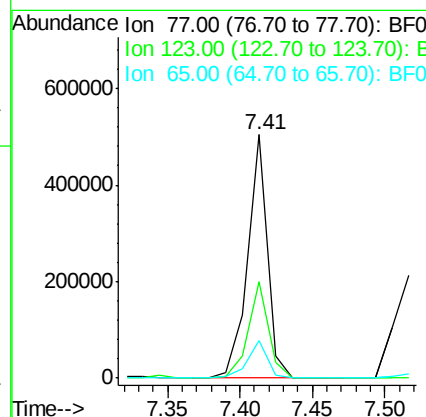
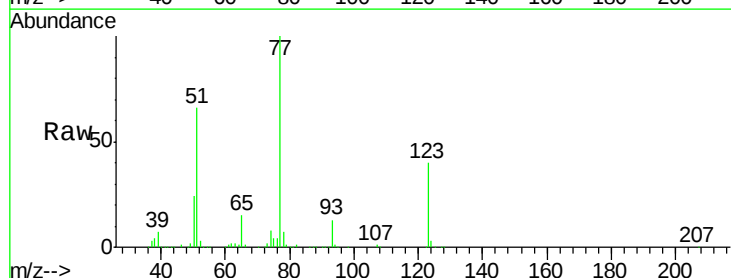
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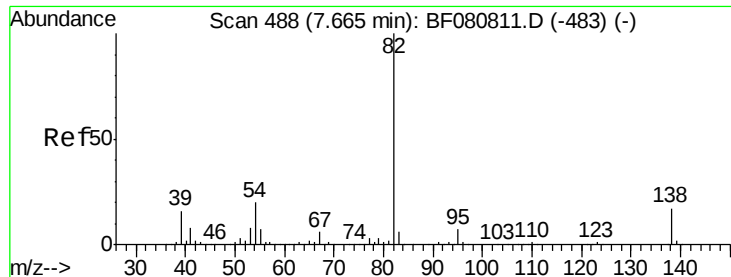
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#24
 Nitrobenzene
 Concen: 33.52 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion: 77 Resp: 474288
 Ion Ratio Lower Upper
 77 100
 123 39.5 40.7 61.1#
 65 15.4 11.3 16.9





#25

Isophorone

Concen: 35.42 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

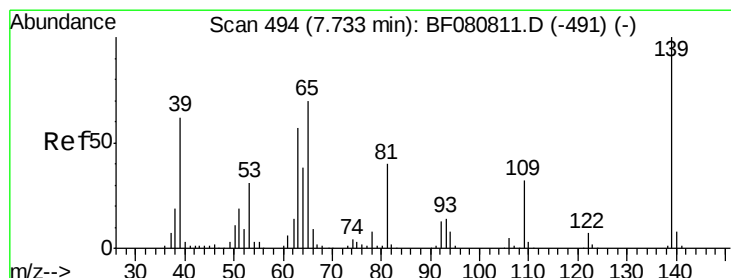
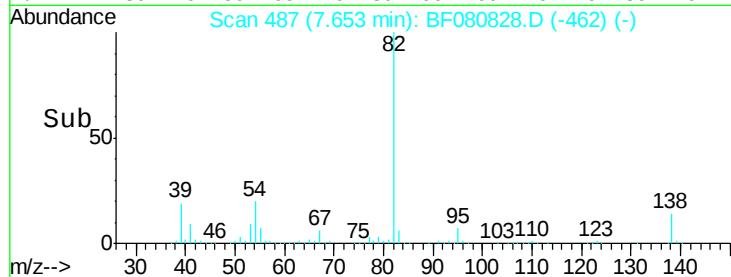
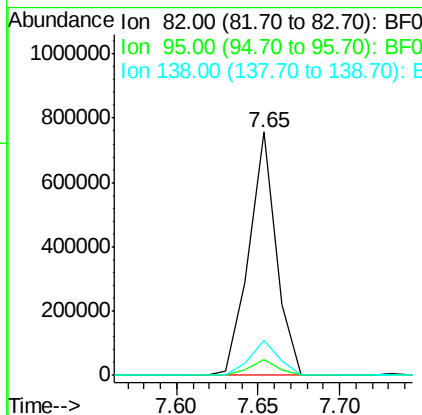
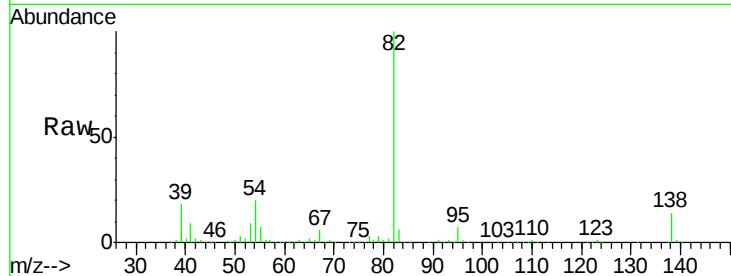
ClientSampleId :

PB84815BS

Tgt Ion:	82	Resp:	881434
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.9	8.9
138	14.3	13.4	20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.55 ng

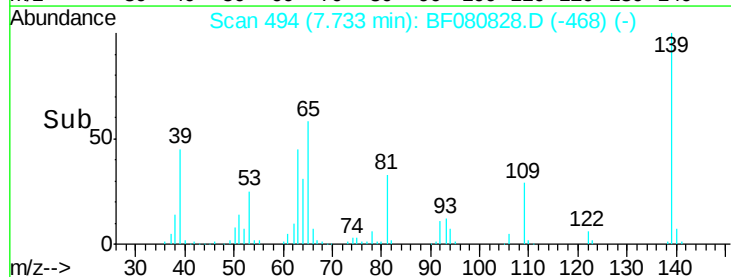
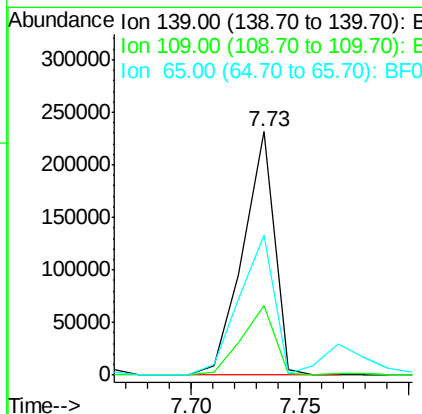
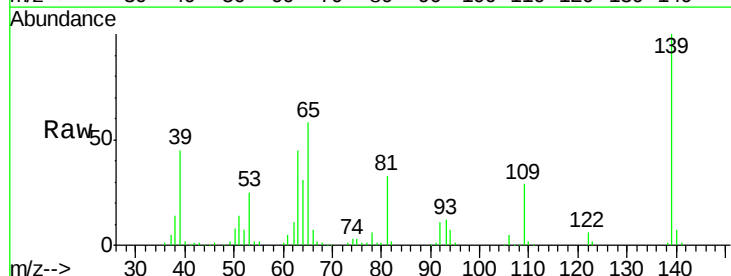
RT: 7.73 min Scan# 494

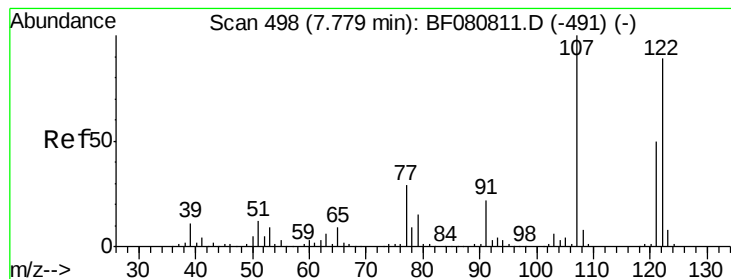
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	139	Resp:	233208
Ion Ratio		Lower	Upper
139	100		
109	28.7	25.3	37.9
65	57.7	56.2	84.4





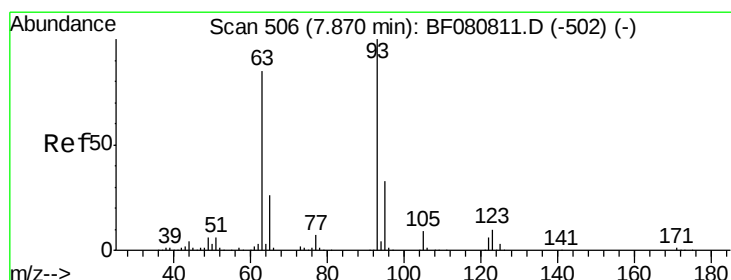
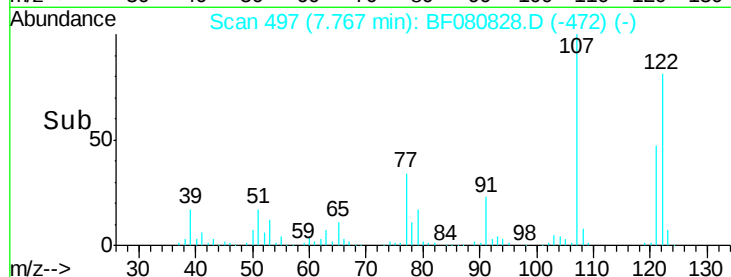
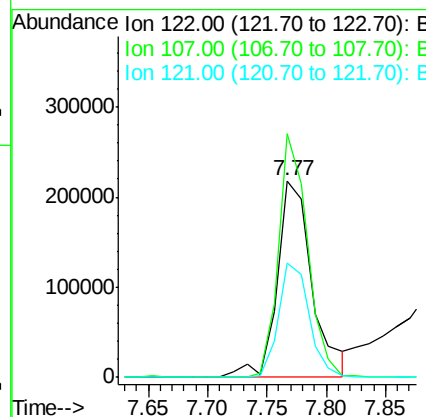
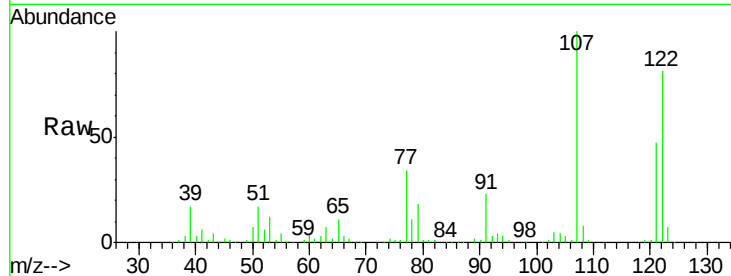
#27
 2,4-Dimethylphenol
 Concen: 38.62 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	445025		
107	124.0	90.2	135.4	
121	58.5	45.4	68.2	

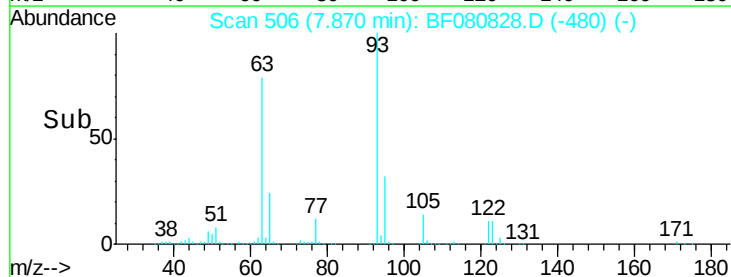
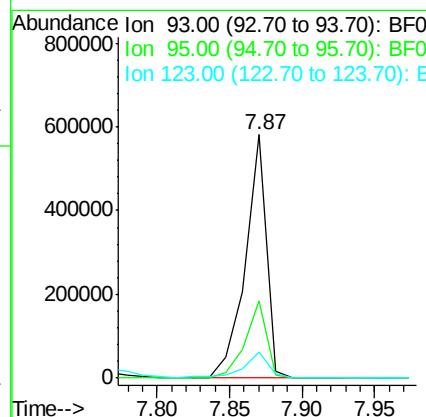
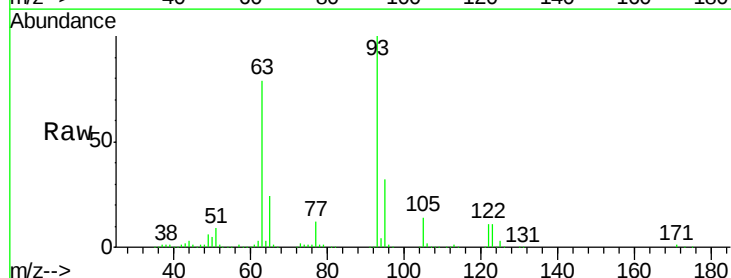
Manual Integrations
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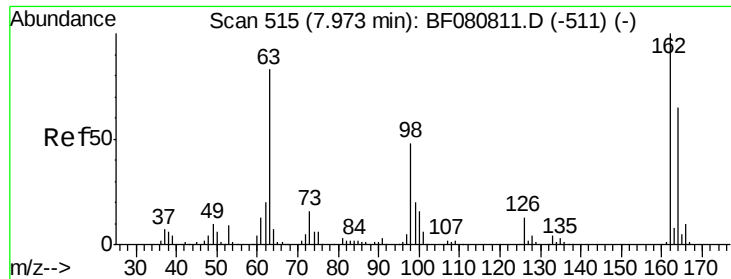
MMDadoda
 8/5/2015 2:29:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.06 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

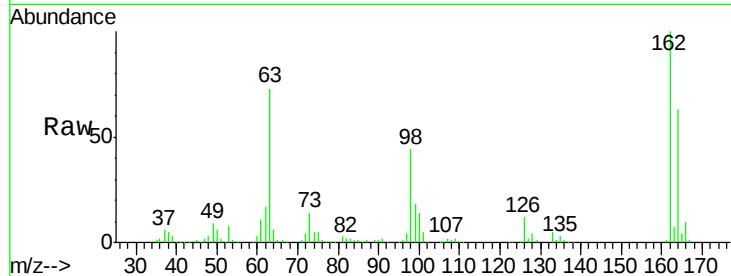
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	586638		
95	31.9	26.1	39.1	
123	10.6	8.0	12.0	





#29
 2,4-Dichlorophenol
 Concen: 38.04 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

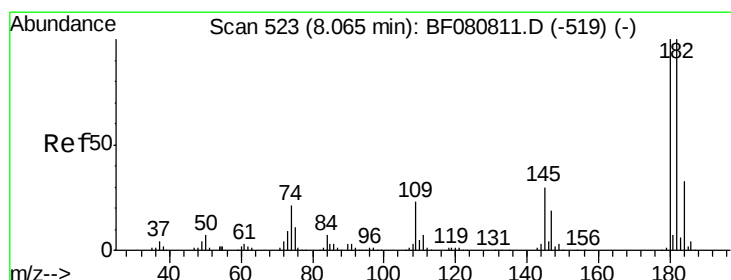
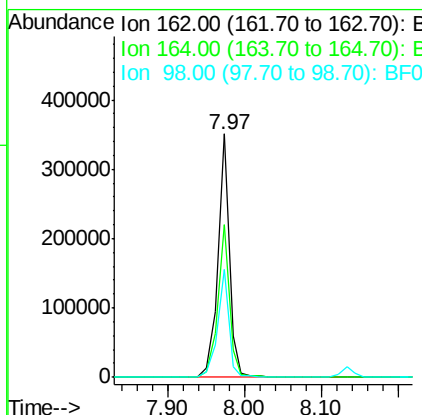
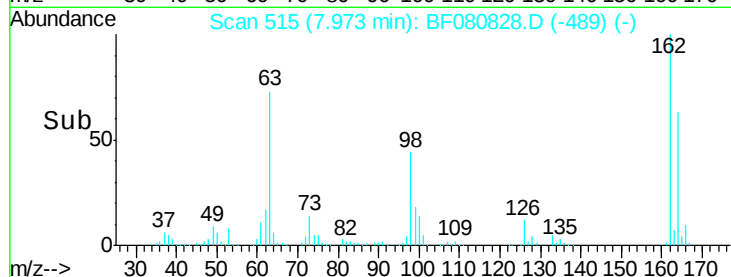
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS



Tgt Ion	Ratio	Resp	Lower	Upper
162	100	367968		
164	62.6	45.3	85.3	
98	44.2	27.7	67.7	

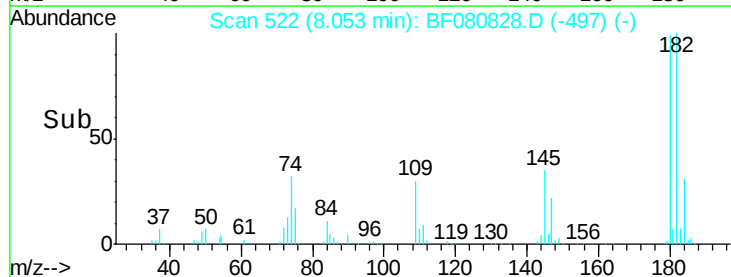
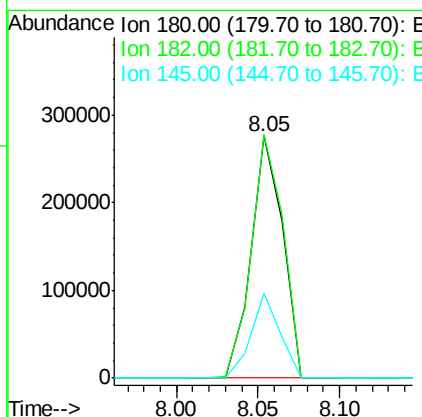
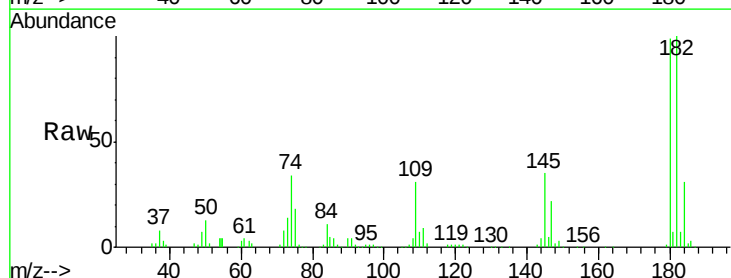
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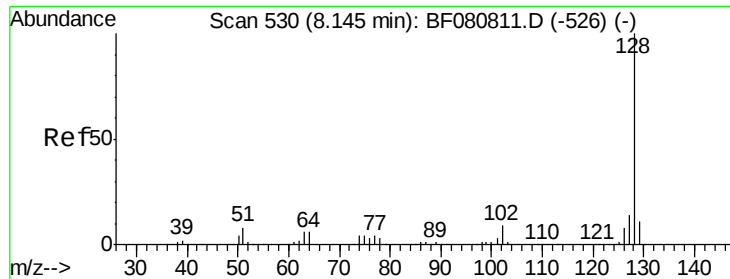
MMDadoda
 8/5/2015 2:29:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.15 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	369863		
182	100.5	79.7	119.5	
145	35.0	23.8	35.8	





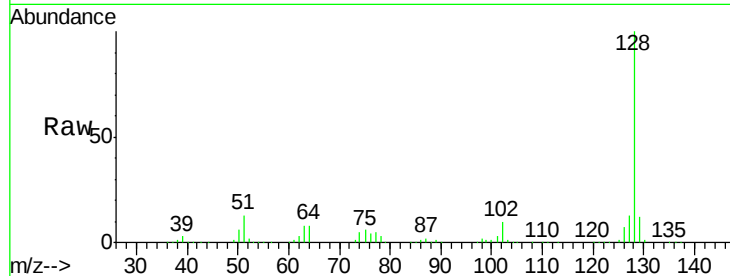
#31
Naphthalene
Concen: 35.28 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

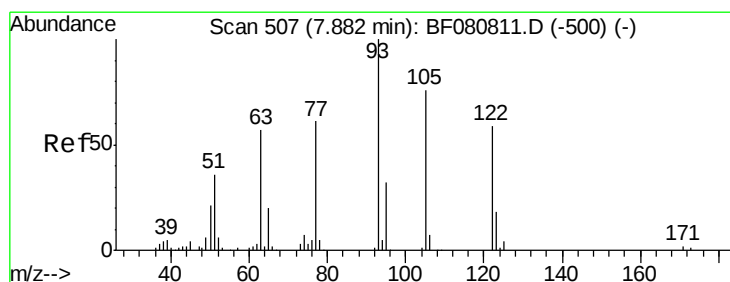
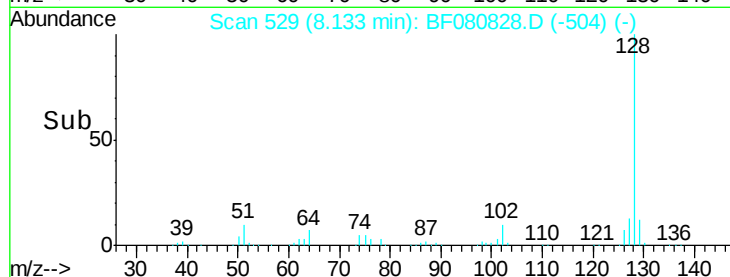
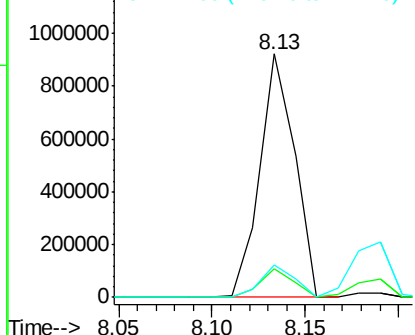
Tgt Ion:128 Resp: 1187119
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.1 10.8 16.2

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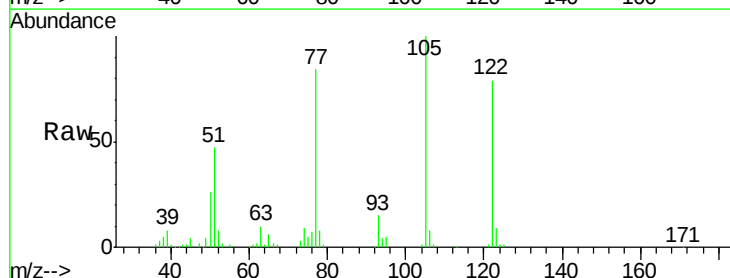


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

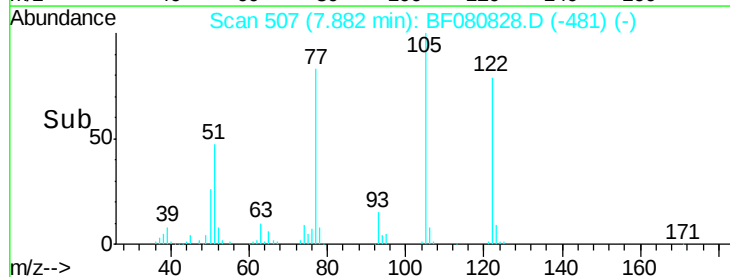
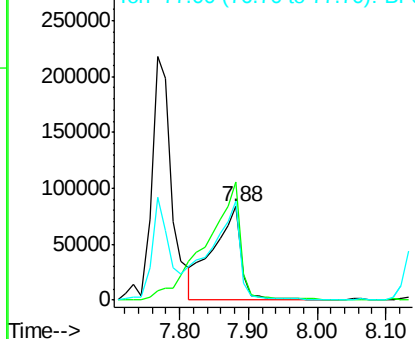


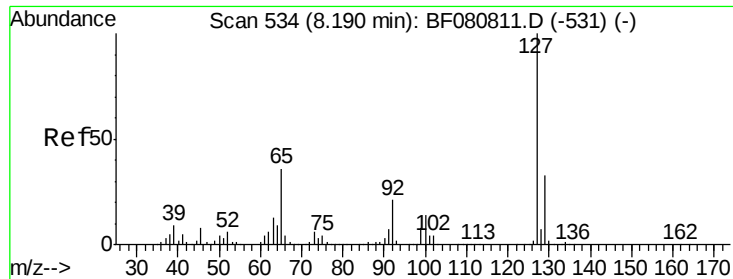
#32
Benzoic acid
Concen: 34.92 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion:122 Resp: 243314
Ion Ratio Lower Upper
122 100
105 126.6 102.3 142.3
77 105.9 81.2 121.2



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





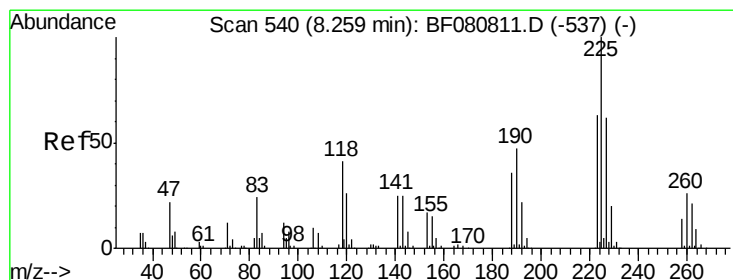
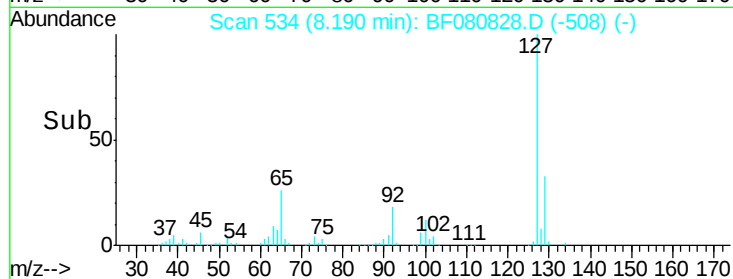
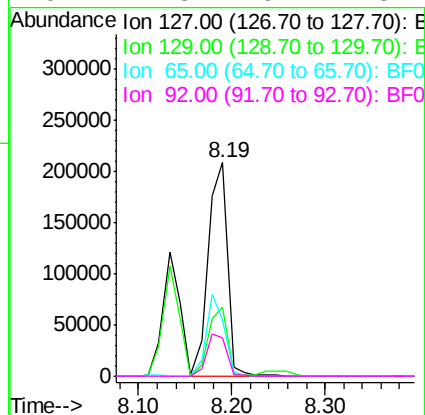
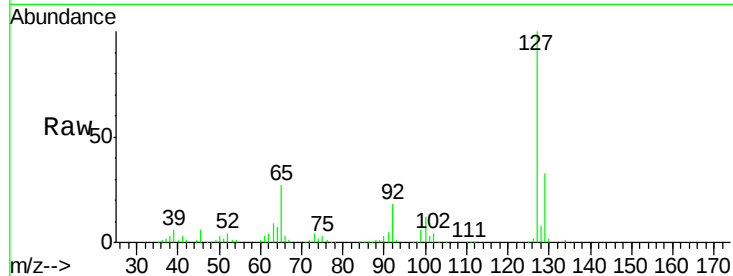
#33
 4-Chloroaniline
 Concen: 21.22 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.1	39.1
65	26.6	28.9	43.3
92	17.8	16.7	25.1

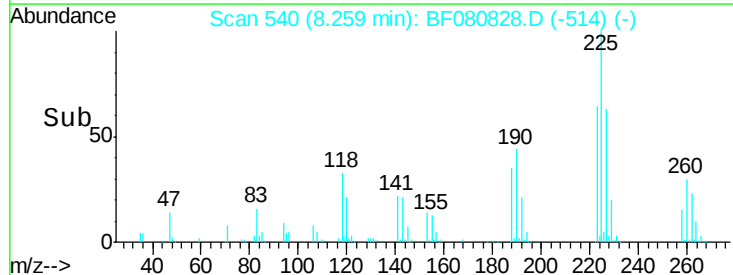
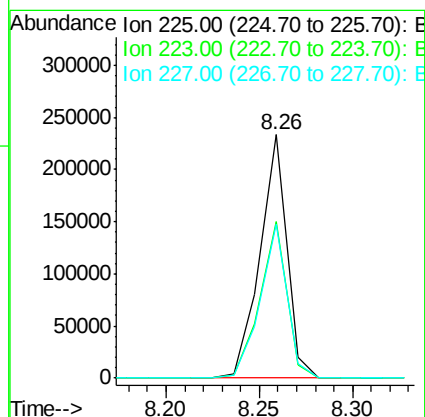
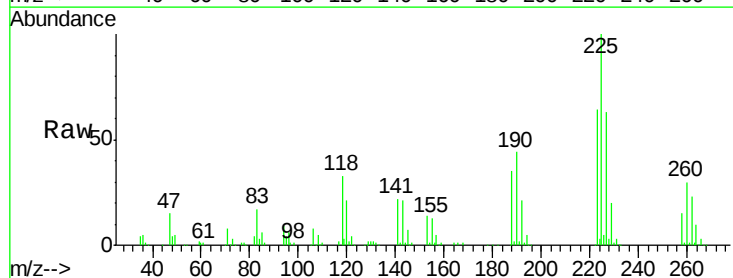
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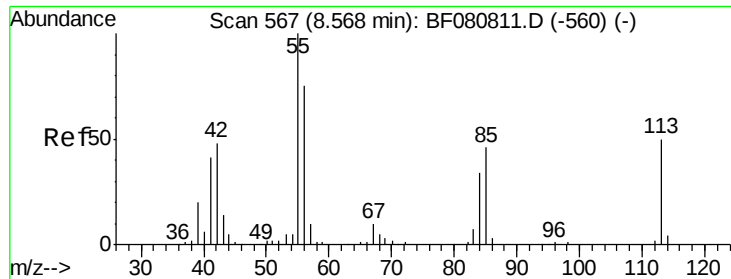
MMDadoda
 8/5/2015 2:29:06 PM



#34
 Hexachlorobutadiene
 Concen: 35.85 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.2	50.2	75.2
227	63.4	49.7	74.5





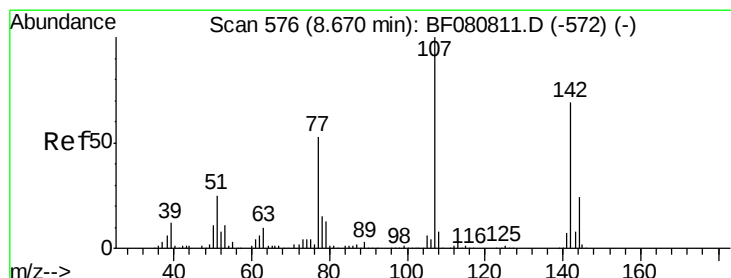
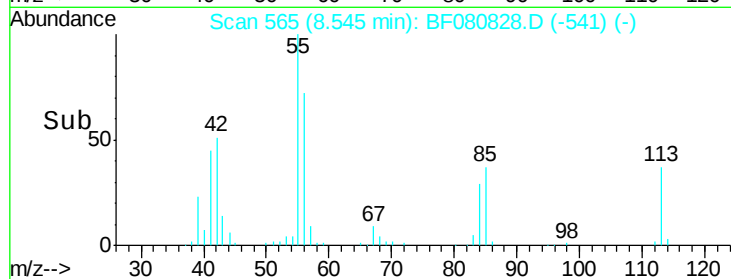
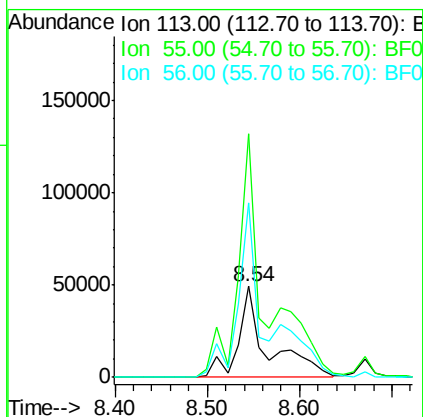
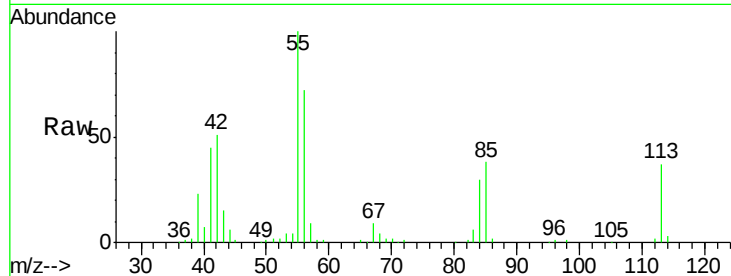
#35
 Caprolactam
 Concen: 41.08 ng m
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion:113 Resp: 110416
 Ion Ratio Lower Upper
 113 100
 55 267.5 179.0 219.0#
 56 191.3 128.2 168.2#

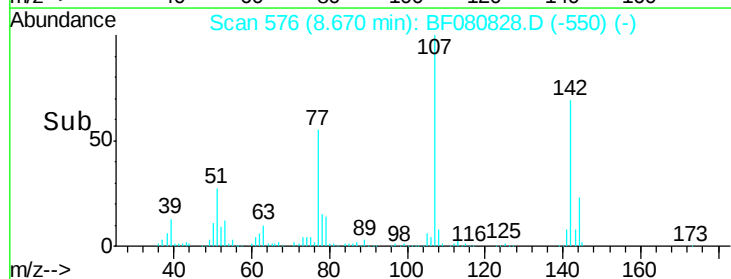
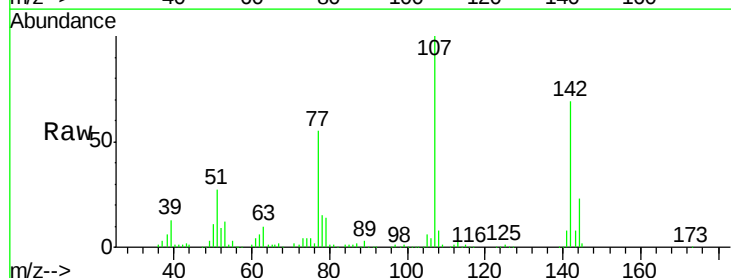
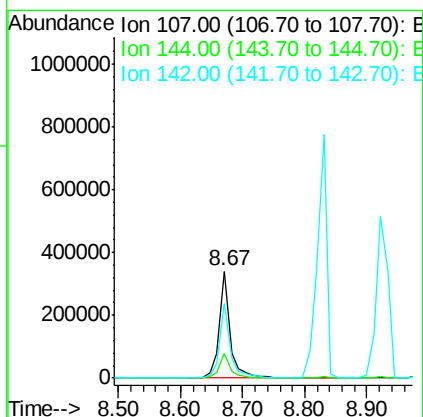
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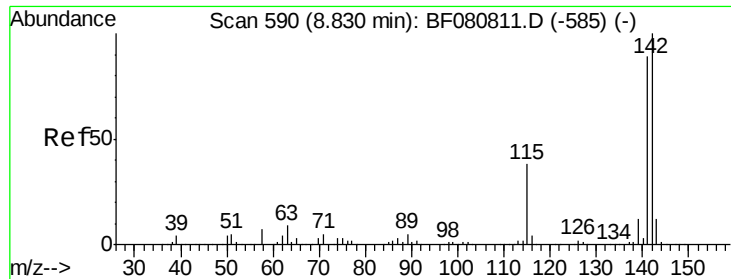
MMDadoda
 8/5/2015 2:29:06 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.34 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion:107 Resp: 408587
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.0 28.4
 142 69.4 54.9 82.3





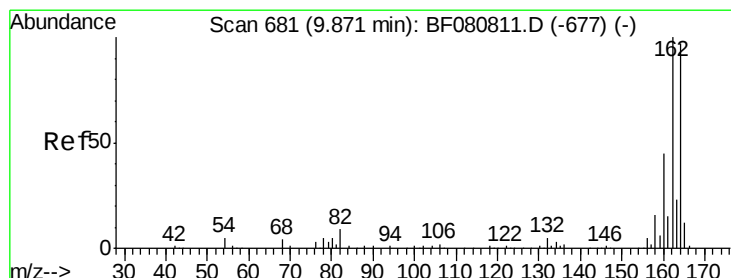
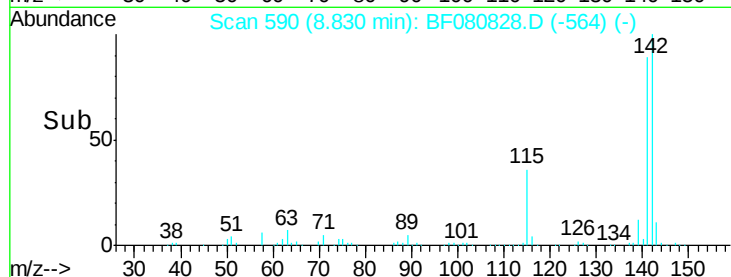
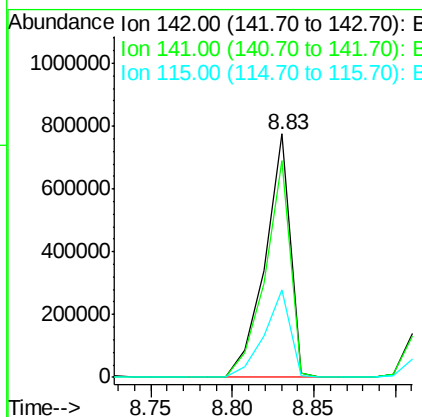
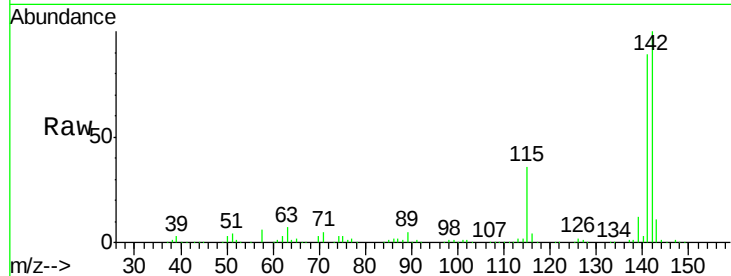
#37
2-Methylnaphthalene
Concen: 39.65 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt	Ion	Ratio	Resp	Lower	Upper
142	100		836121		
141	89.2	71.3	106.9		
115	35.9	30.6	45.8		

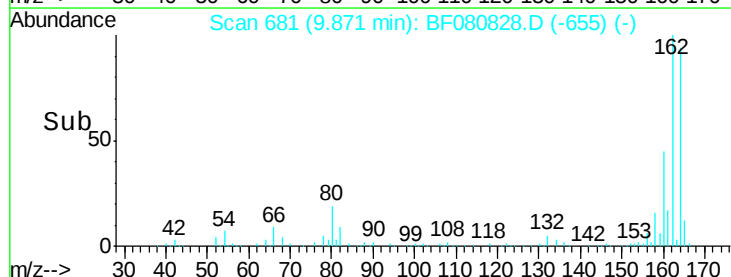
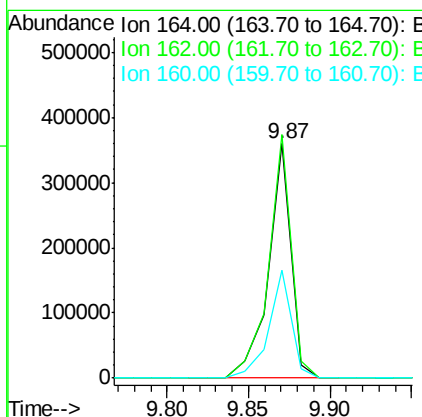
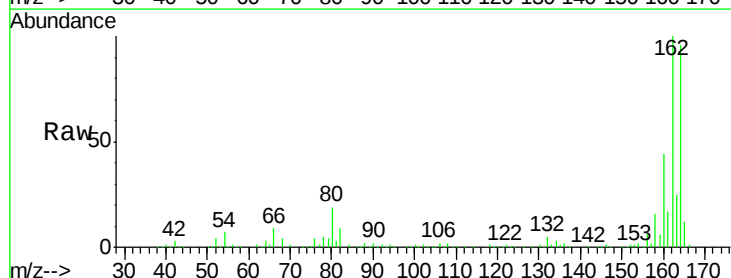
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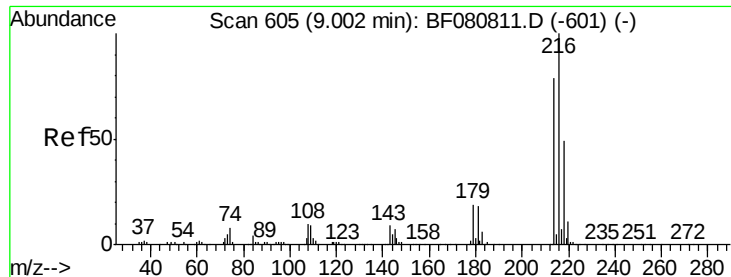
MMDadoda
8/5/2015 2:29:06 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt	Ion	Ratio	Resp	Lower	Upper
164	100		345555		
162	104.0	82.3	123.5		
160	46.2	37.3	55.9		





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.03 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

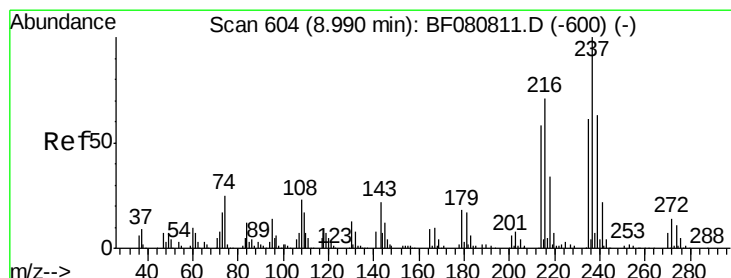
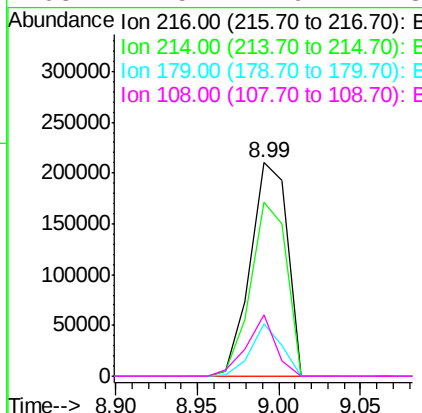
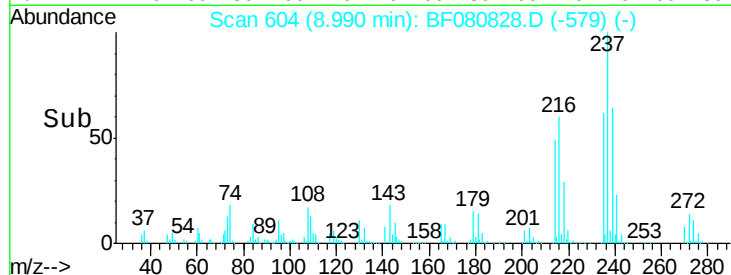
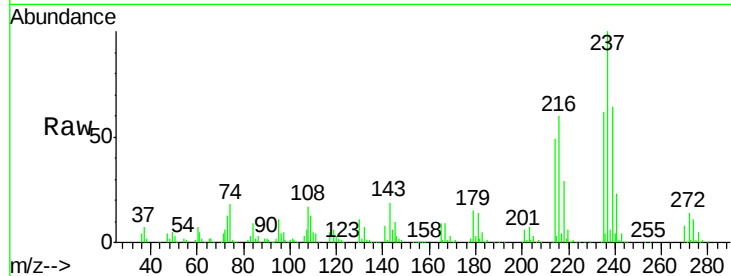
ClientSampleId :

PB84815BS

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8/5/2015 2:29:06 PM

Tgt Ion:	216	Resp:	330576
Ion Ratio	Lower	Upper	
216	100		
214	79.4	64.0	96.0
179	20.6	16.9	25.3
108	22.5	14.9	22.3#



#40

Hexachlorocyclopentadiene

Concen: 73.06 ng

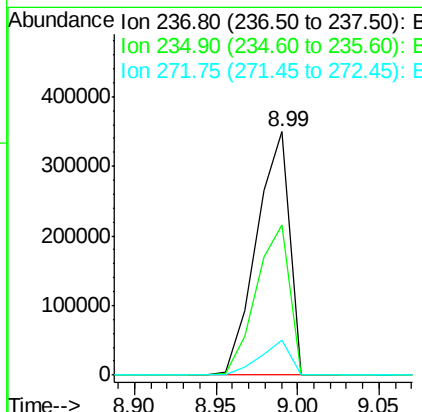
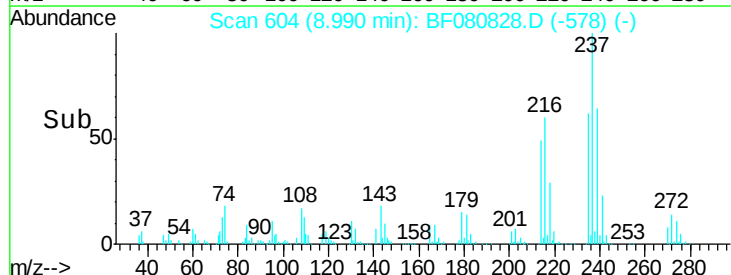
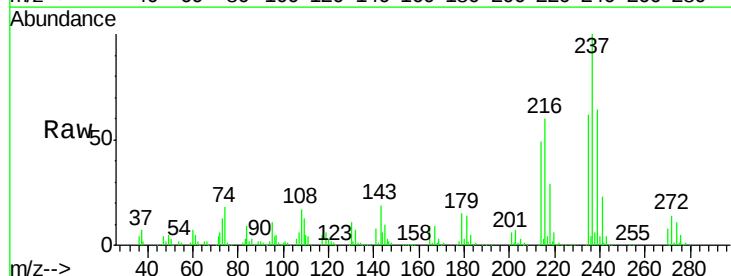
RT: 8.99 min Scan# 604

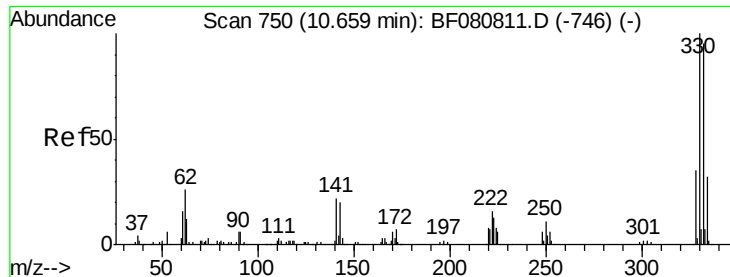
Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	237	Resp:	488826
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.5	81.5
272	14.4	0.0	33.7





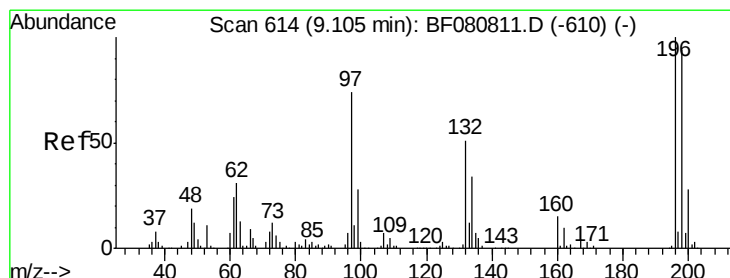
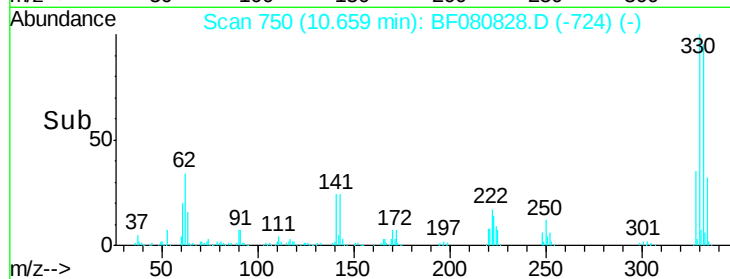
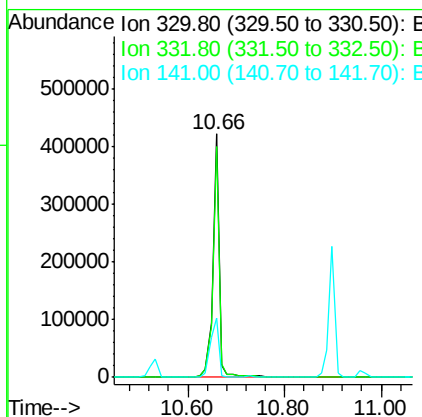
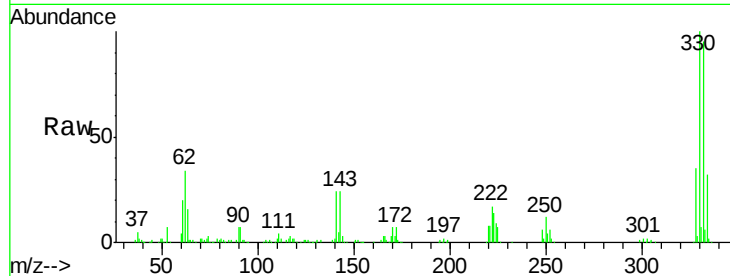
#41
 2,4,6-Tribromophenol
 Concen: 122.26 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	406407		
332	94.9	76.2	114.4	
141	32.0	25.4	38.0	

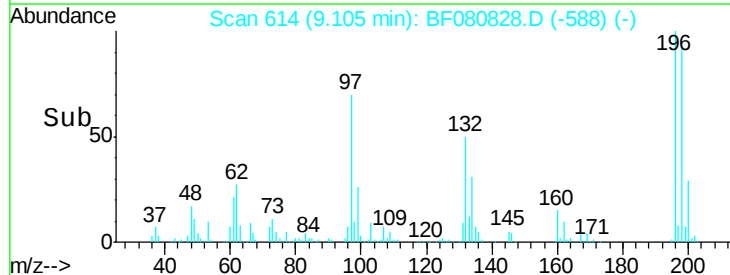
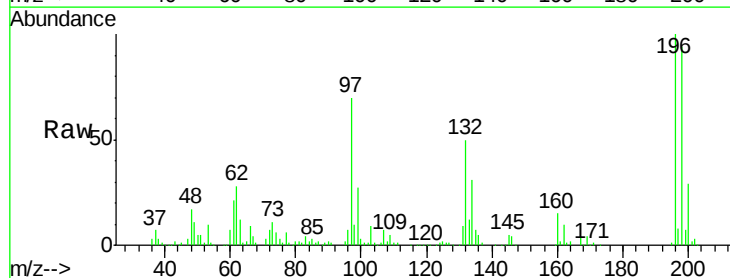
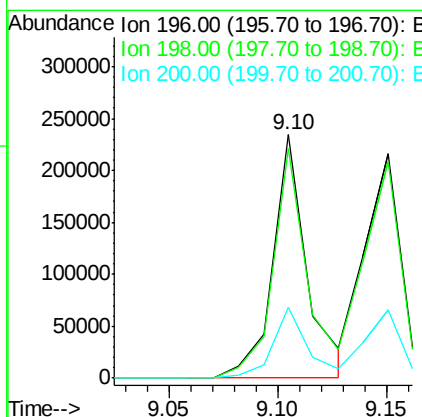
Manual Integrations
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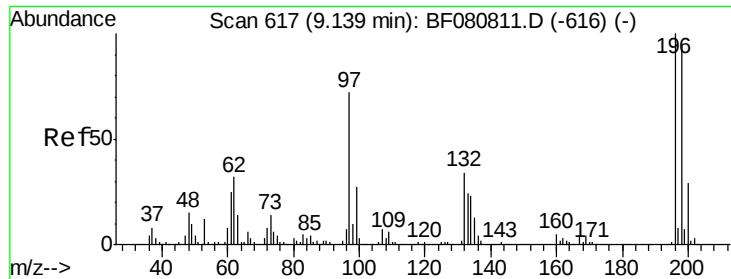
MMDadoda
 8/5/2015 2:29:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.07 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

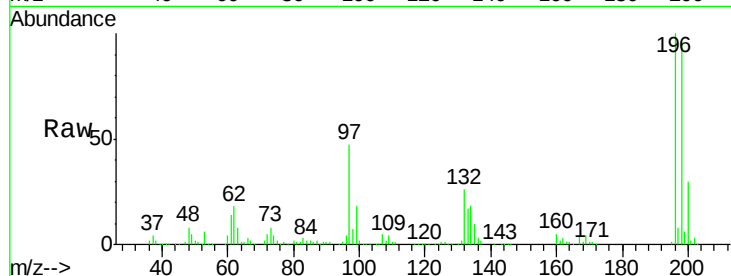
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257759		
198	94.4	75.3	112.9	
200	28.9	22.7	34.1	





#43
 2,4,5-Trichlorophenol
 Concen: 36.09 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

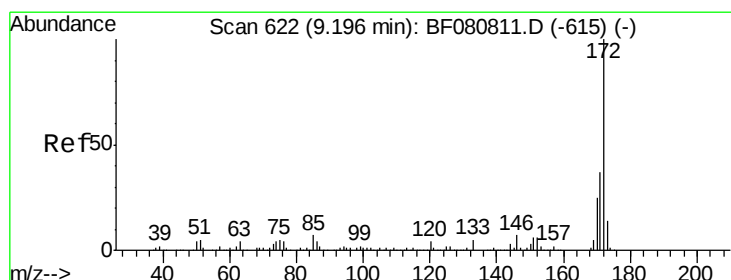
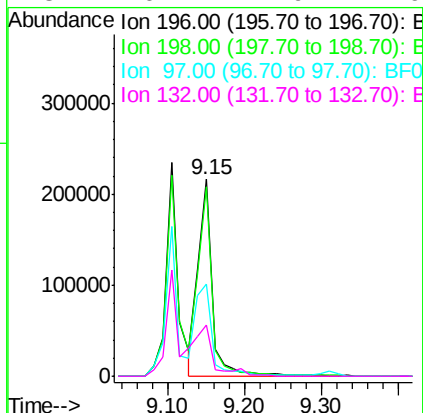
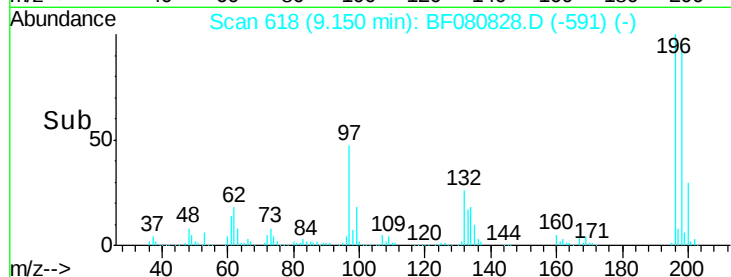
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.3	76.3	114.5
97	46.9	58.8	88.2#
132	26.2	27.9	41.9#

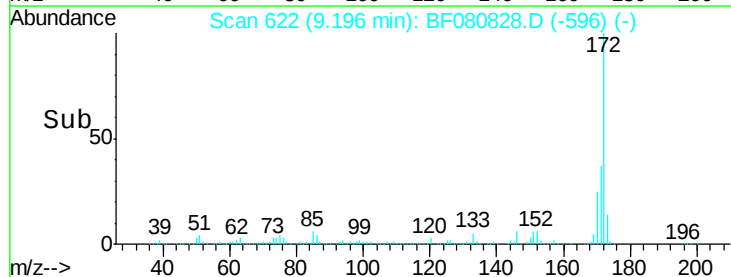
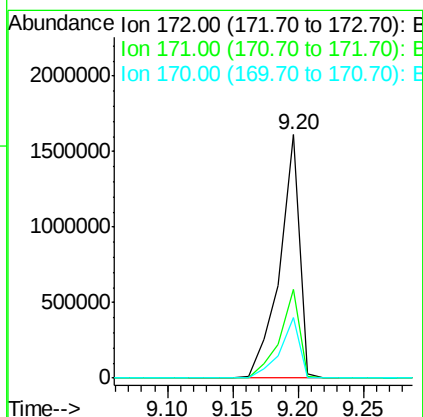
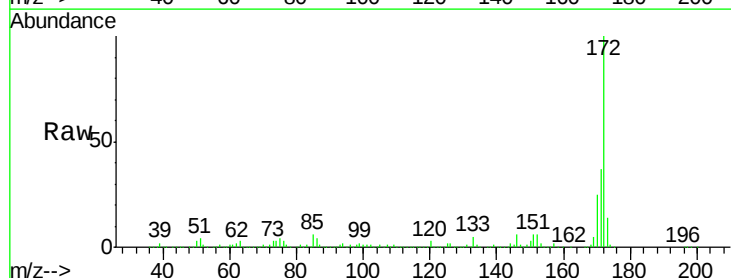
Manual Integrations
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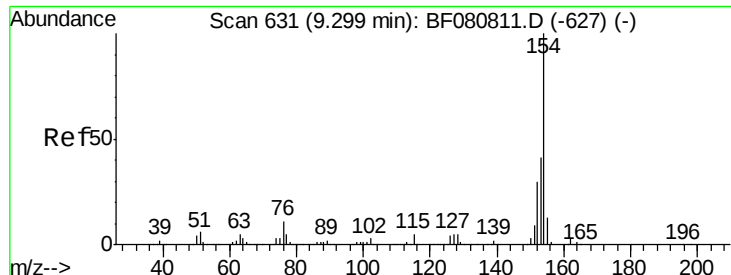
MMDadoda
 8/5/2015 2:29:06 PM



#44
 2-Fluorobiphenyl
 Concen: 75.47 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.7	30.0	45.0
170	24.9	20.2	30.4





#45

1,1'-Biphenyl

Concen: 34.30 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080828.D

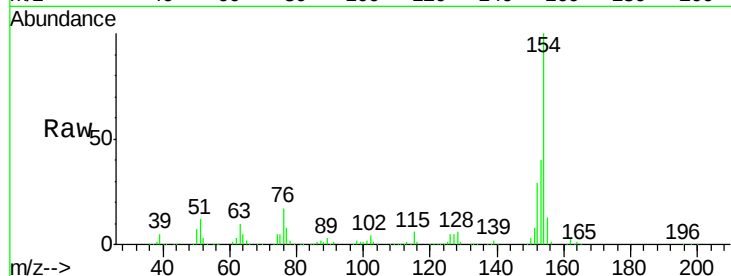
Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS



Tgt Ion:154 Resp: 897120

Ion Ratio Lower Upper

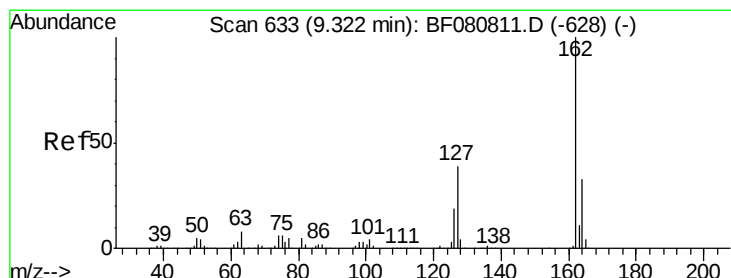
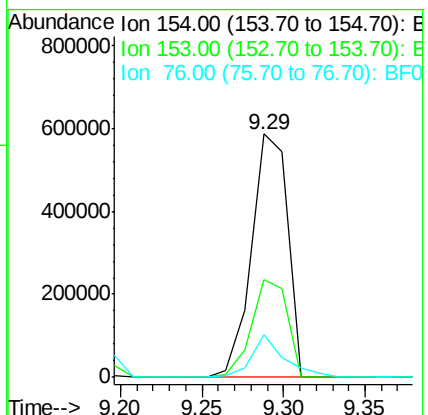
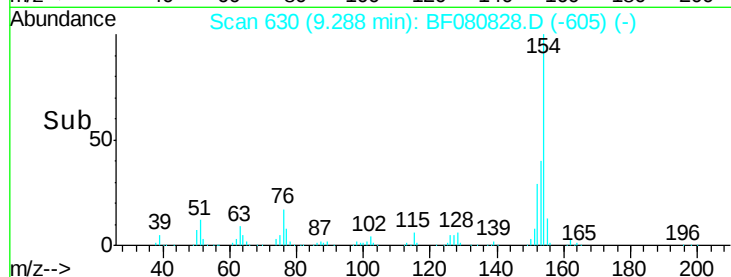
154 100

153 40.2 21.1 61.1

76 17.4 0.0 30.5

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#46

2-Chloronaphthalene

Concen: 34.09 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

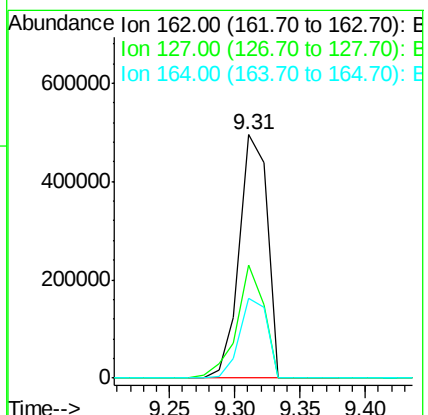
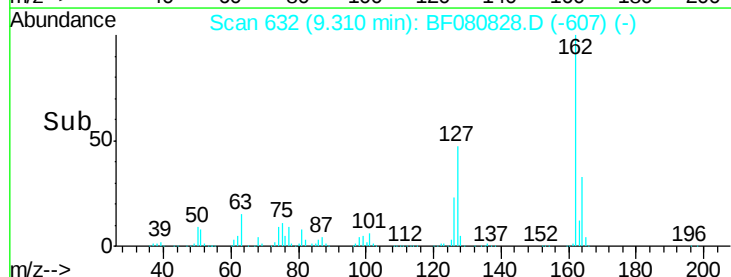
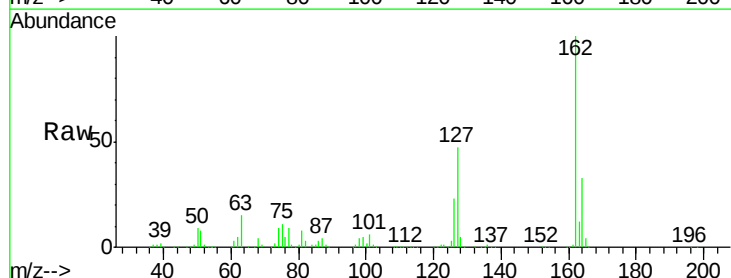
Tgt Ion:162 Resp: 737840

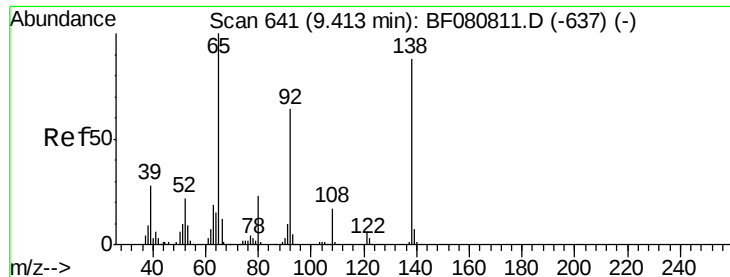
Ion Ratio Lower Upper

162 100

127 46.7 31.0 46.6#

164 32.7 26.8 40.2





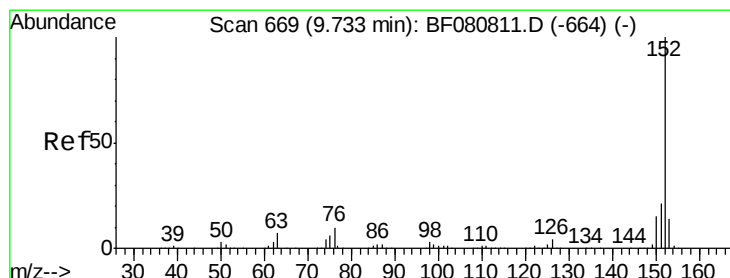
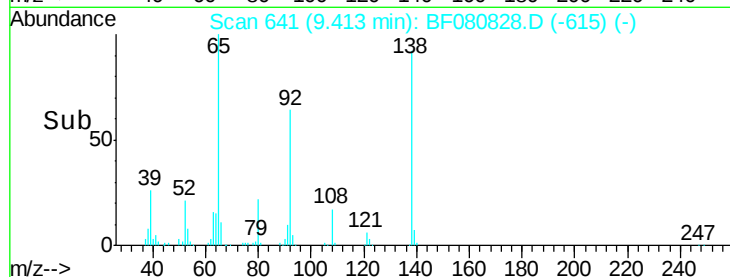
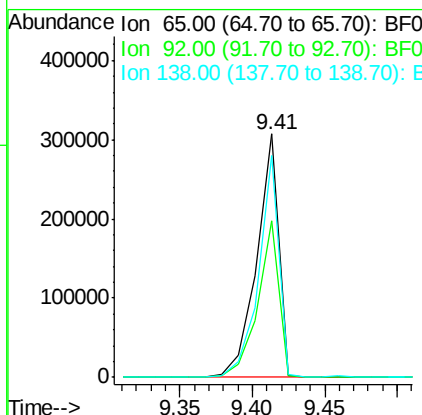
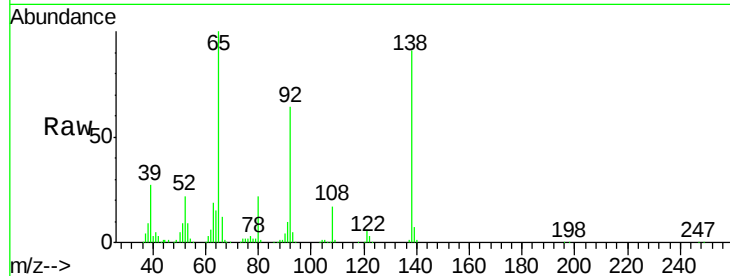
#47
2-Nitroaniline
Concen: 40.41 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	50.9	76.3
138	91.1	70.6	105.8

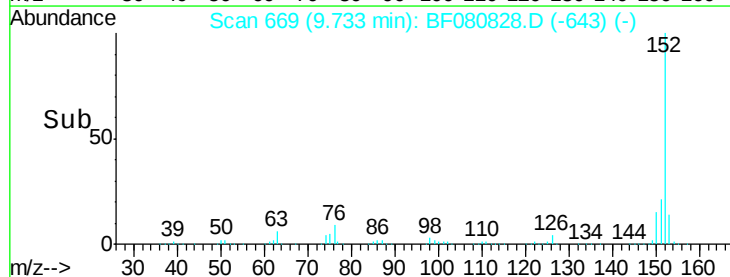
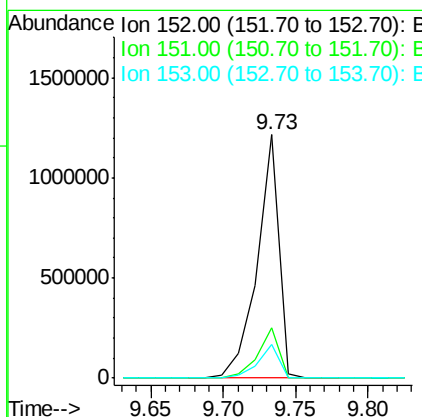
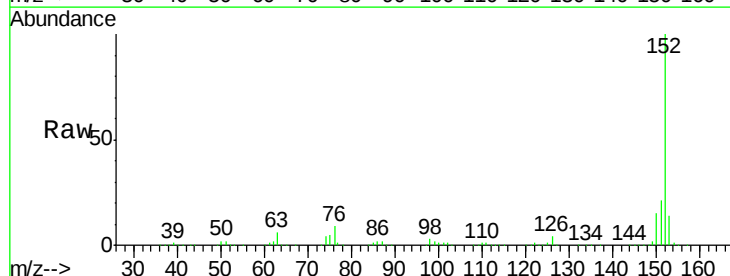
Manual Integrations
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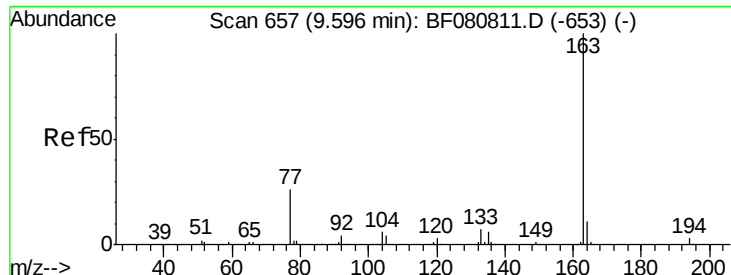
MMDadoda
8/5/2015 2:29:06 PM



#48
Acenaphthylene
Concen: 37.06 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.6	11.0	16.4





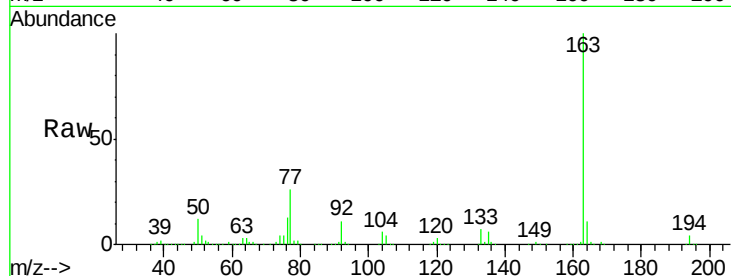
#49
Dimethylphthalate
Concen: 36.74 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

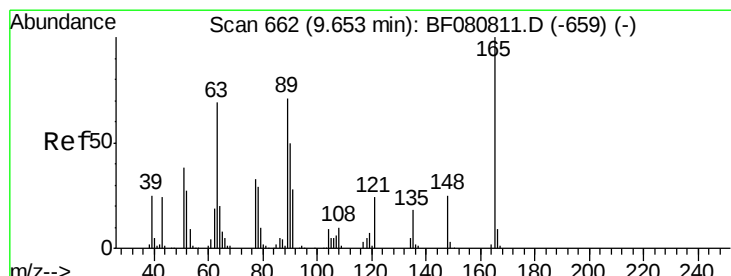
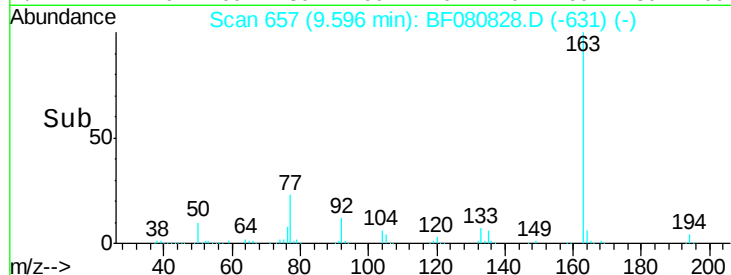
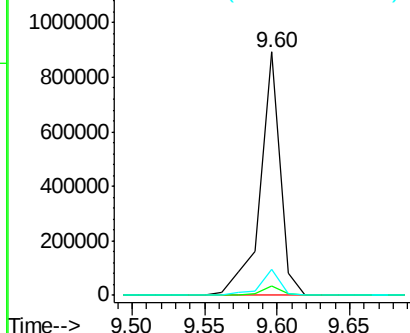
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.7	4.1
164	10.8	8.5	12.7

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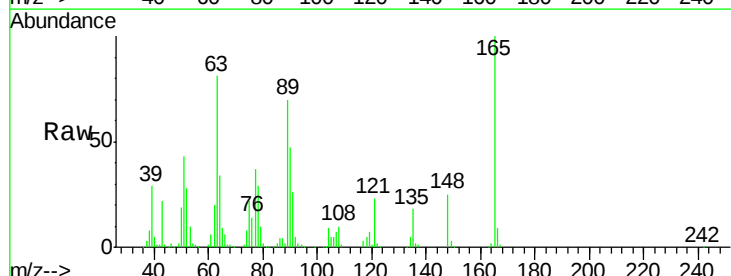


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

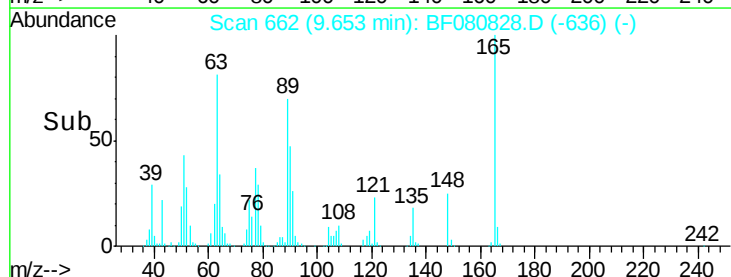
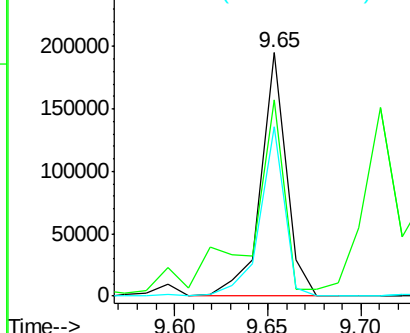


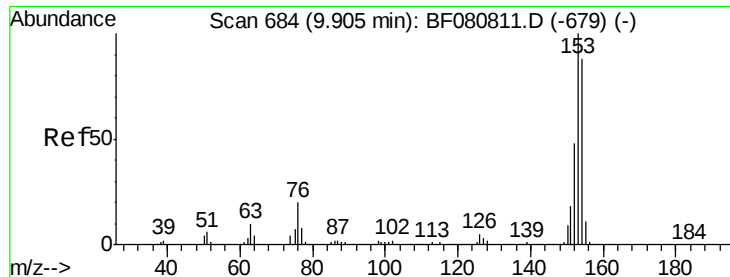
#50
2,6-Dinitrotoluene
Concen: 36.59 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	80.7	68.2	102.4
89	69.6	56.9	85.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.93 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

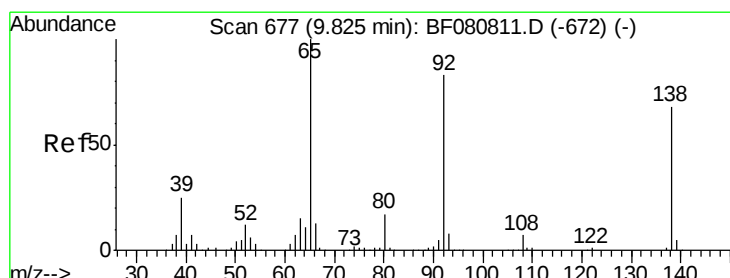
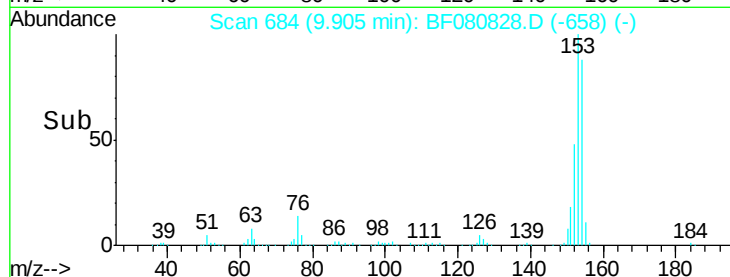
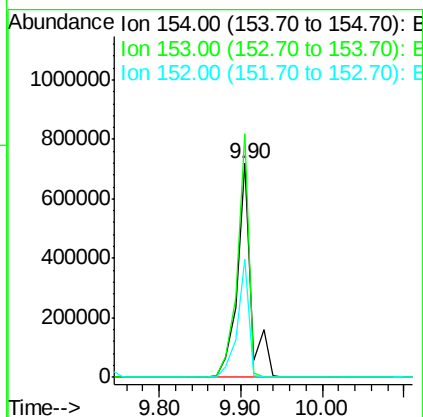
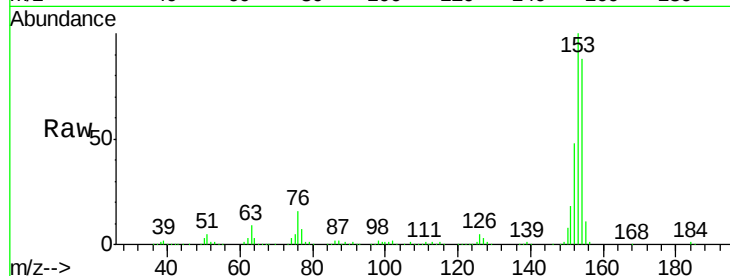
ClientSampled :

PB84815BS

Tgt Ion:	154	Resp:	857290
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.4	137.2
152	55.0	44.1	66.1

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.55 ng

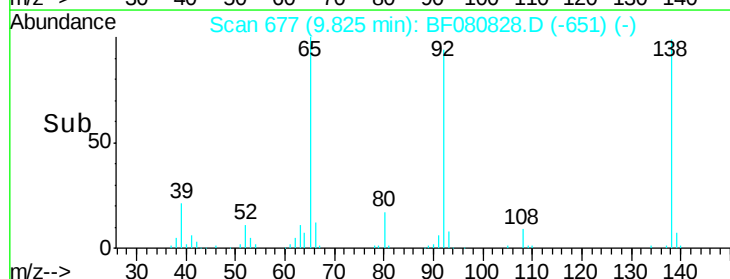
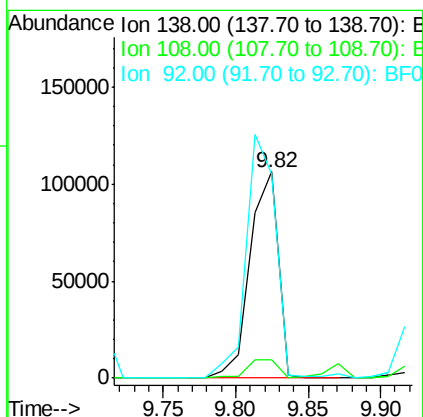
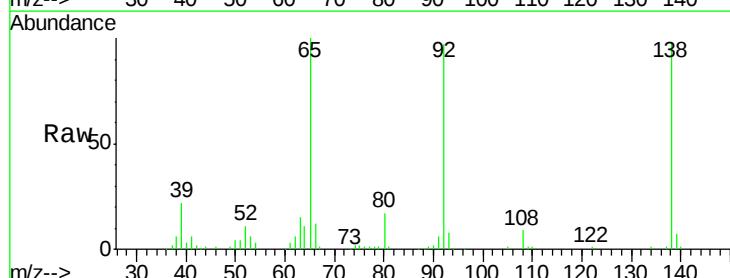
RT: 9.82 min Scan# 677

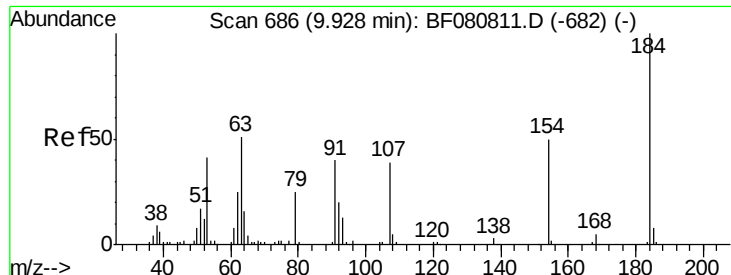
Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	138	Resp:	143576
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.6	13.0
92	98.7	97.4	146.2





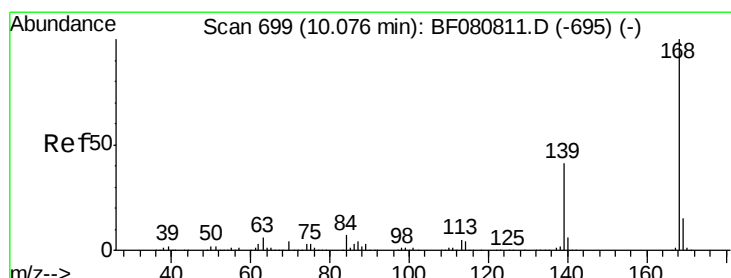
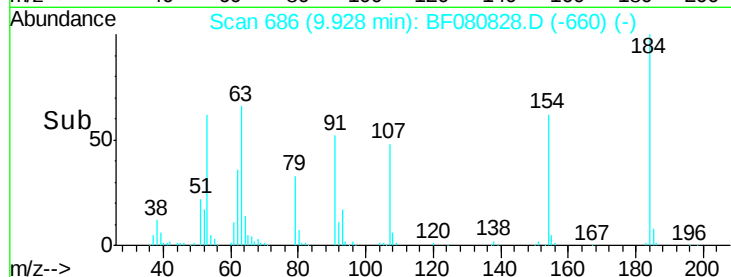
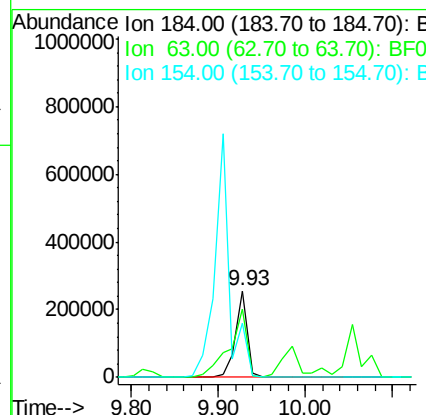
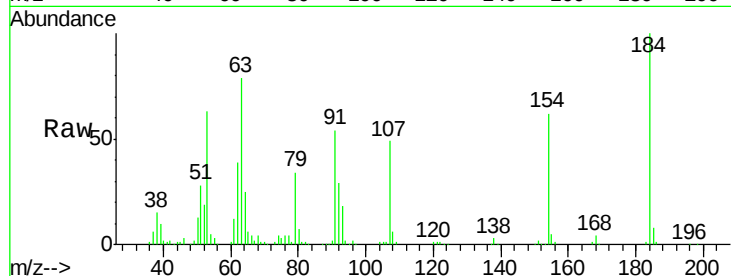
#53
2,4-Dinitrophenol
Concen: 87.79 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	238883		
63	78.7	42.2	63.2#	
154	62.0	47.4	71.0	

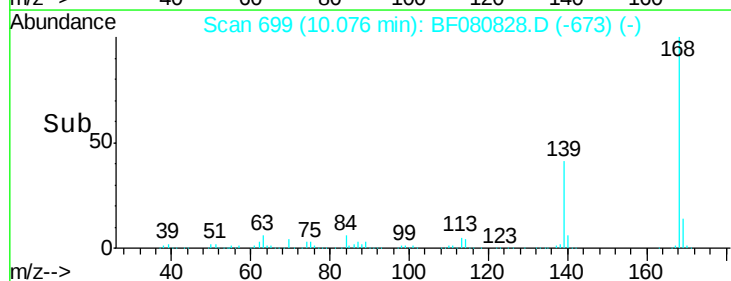
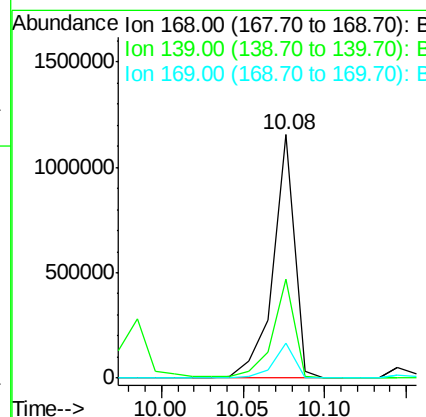
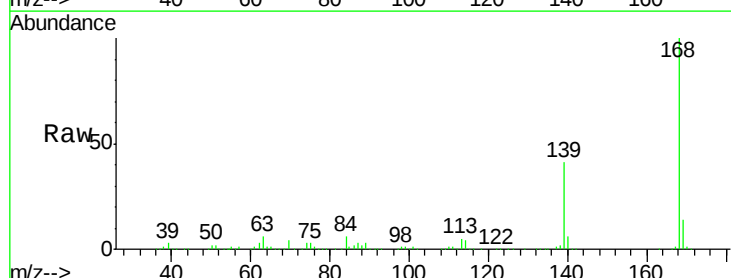
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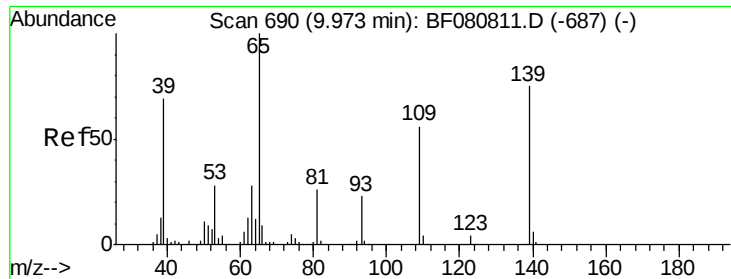
MMDadoda
8/5/2015 2:29:06 PM



#54
Dibenzofuran
Concen: 39.29 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1059351		
139	40.5	32.8	49.2	
169	14.2	11.6	17.4	





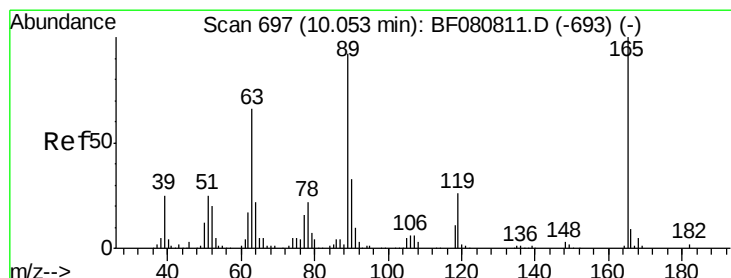
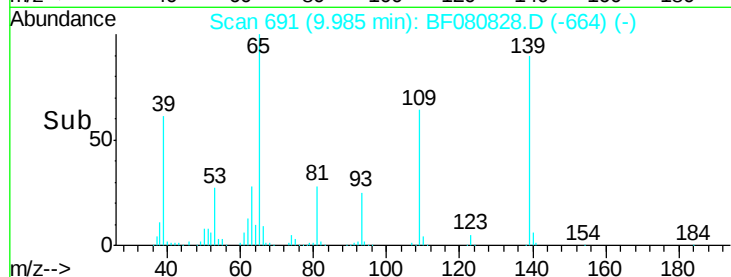
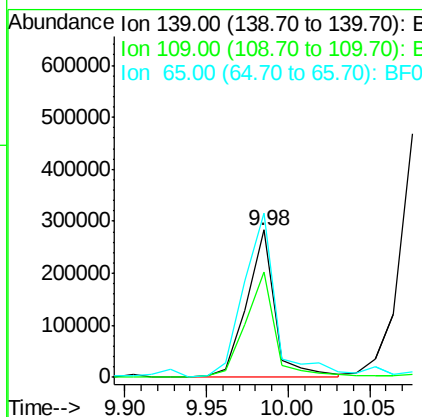
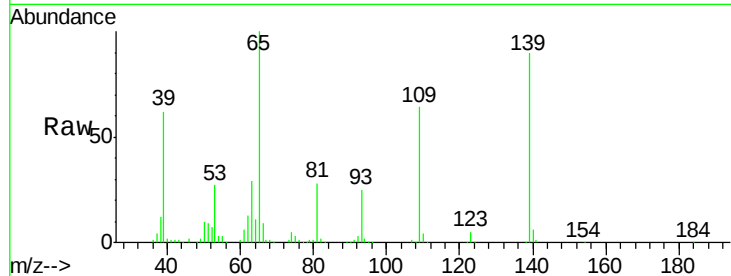
#55
4-Nitrophenol
Concen: 83.10 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	341073		
109	71.4	55.1	95.1	
65	111.3	113.9	153.9	

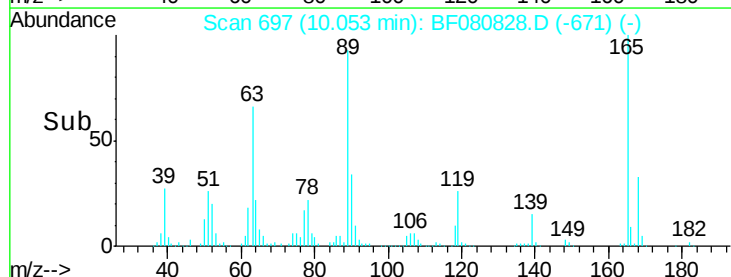
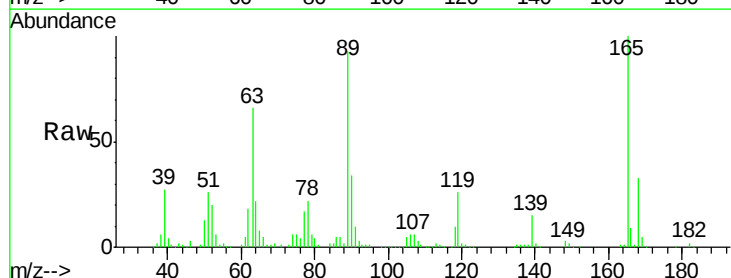
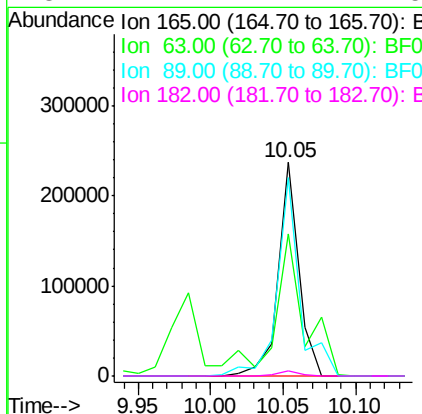
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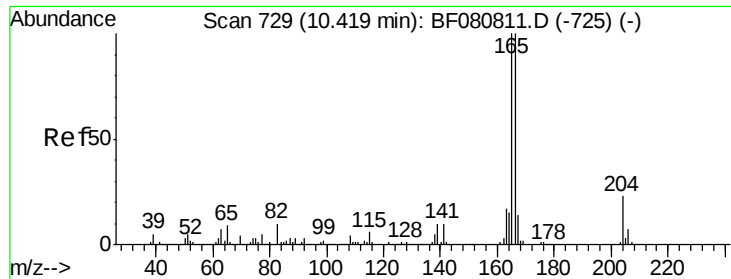
MMDadoda
8/5/2015 2:29:06 PM



#56
2,4-Dinitrotoluene
Concen: 36.99 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	232673		
63	66.3	53.3	79.9	
89	92.8	73.5	110.3	
182	2.2	1.7	2.5	





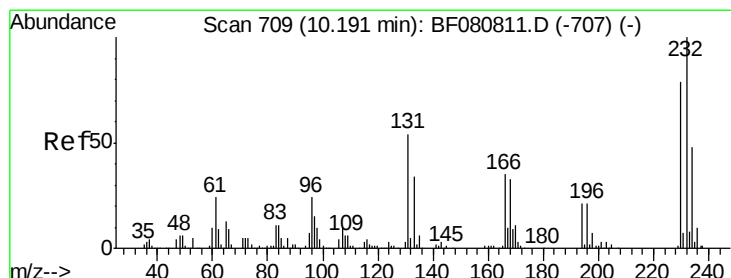
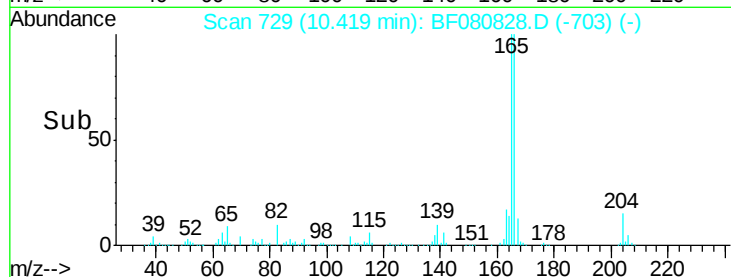
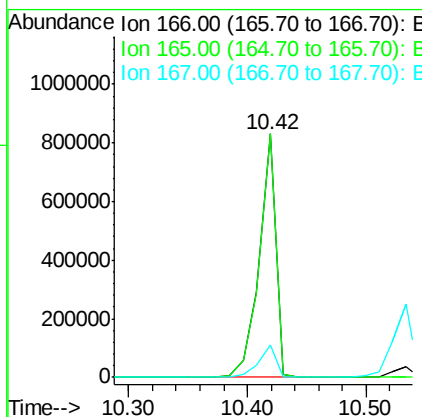
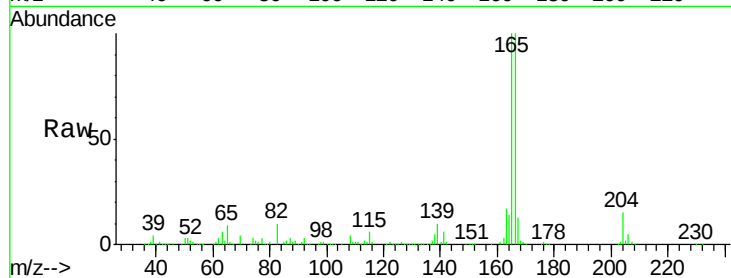
#57
 Fluorene
 Concen: 39.23 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampled :
 PB84815BS

Manual Integrations
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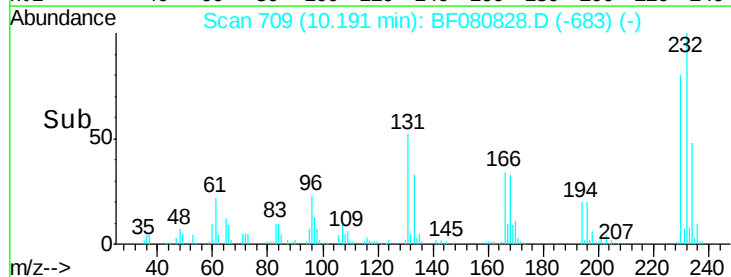
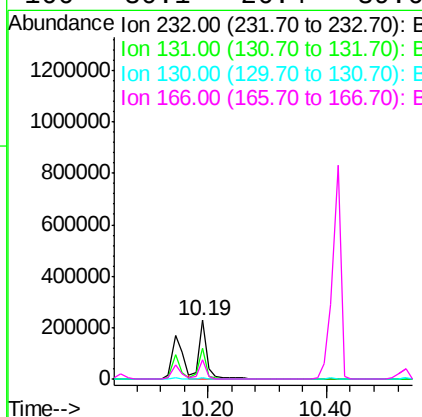
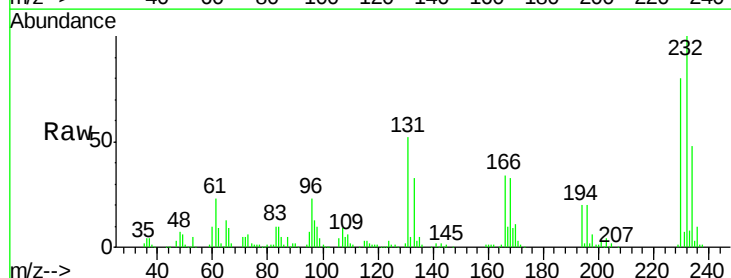
MMDadoda
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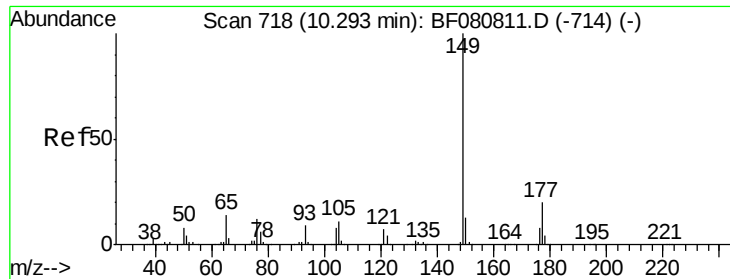
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	821723		
165	100.0	79.9	119.9	
167	13.2	10.8	16.2	



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.35 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	226437		
131	48.7	41.9	62.9	
130	2.2	2.0	3.0	
166	30.1	26.4	39.6	





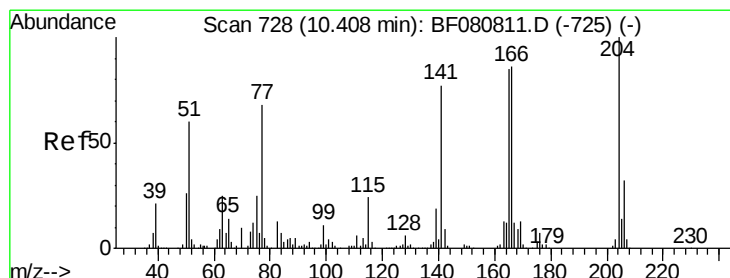
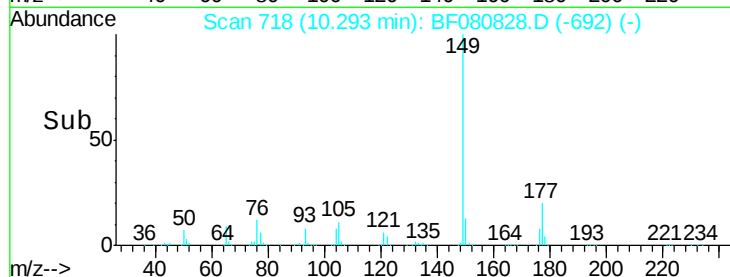
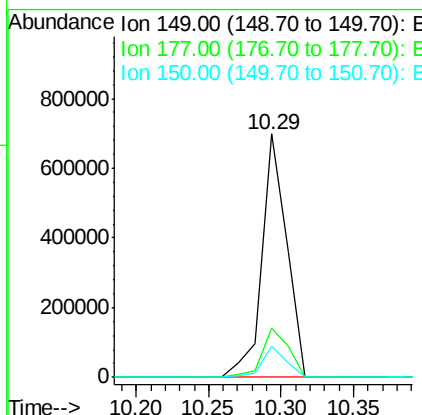
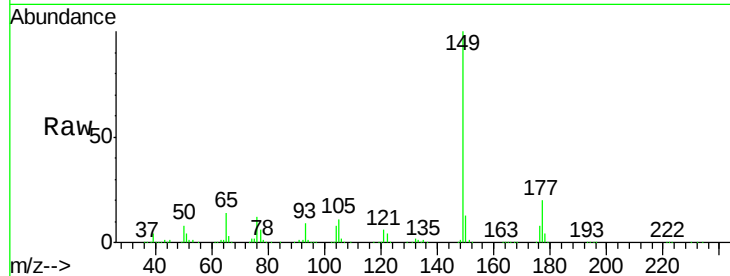
#59
Diethylphthalate
Concen: 37.33 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	826145		
177	20.1	16.2	24.2	
150	12.6	10.6	15.8	

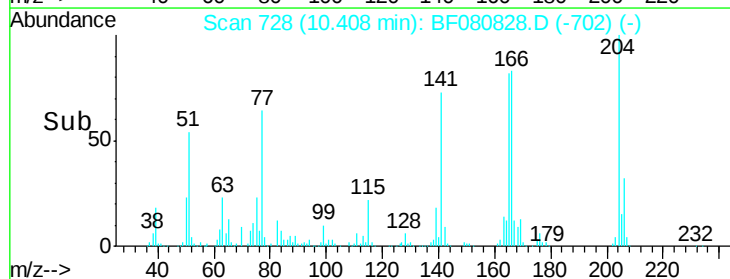
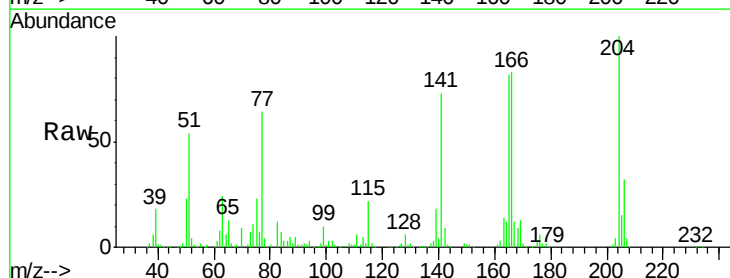
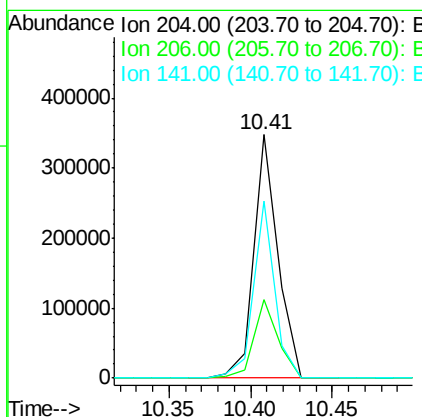
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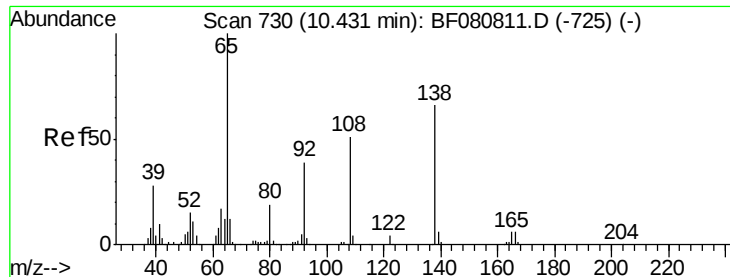
MMDadoda
8/5/2015 2:29:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.31 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	355197		
206	32.4	25.6	38.4	
141	72.5	61.2	91.8	





#61

4-Nitroaniline

Concen: 32.98 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080828.D

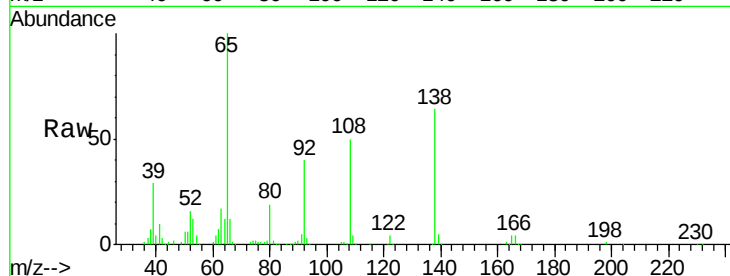
Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

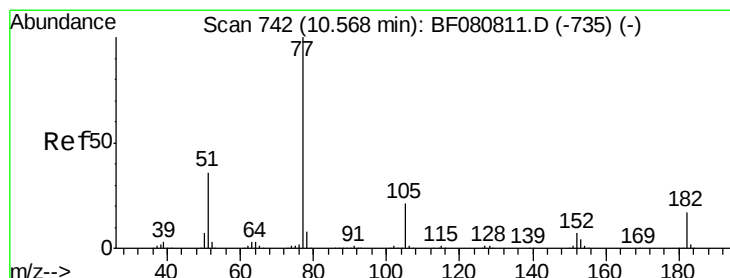
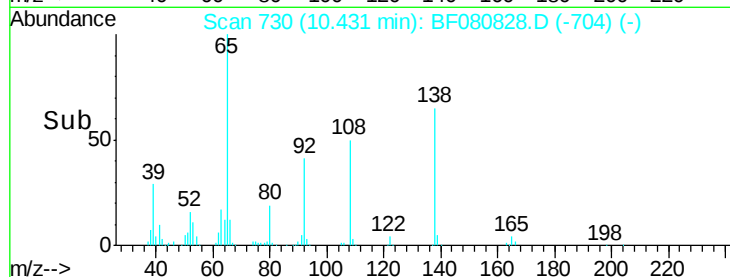
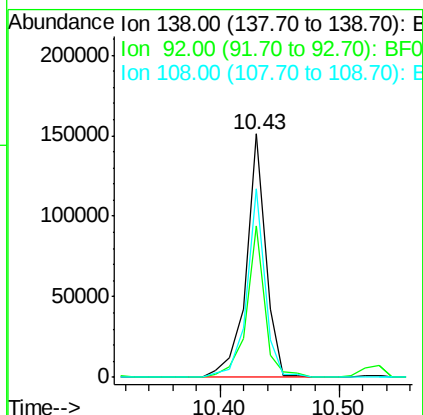
PB84815BS



Tgt Ion:	138	Resp:	175363
Ion Ratio	Lower	Upper	
138	100		
92	62.2	38.7	78.7
108	77.7	56.8	96.8

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#62

Azobenzene

Concen: 38.31 ng

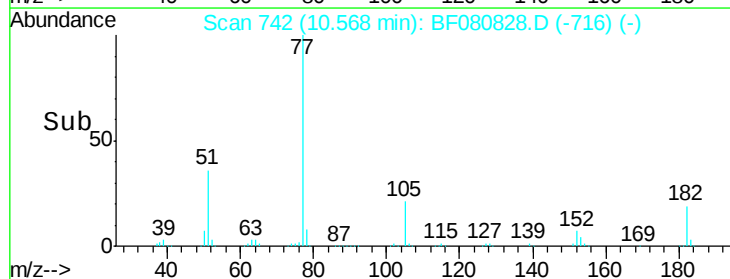
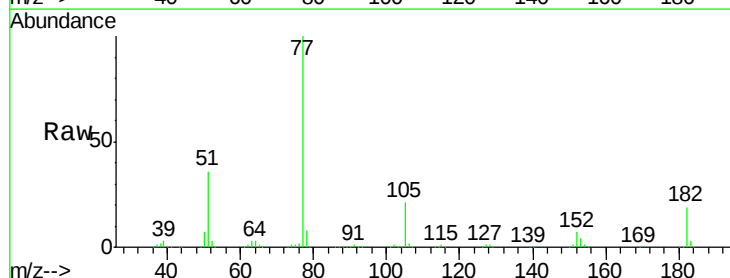
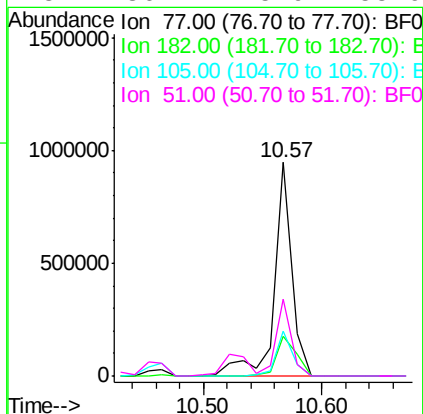
RT: 10.57 min Scan# 742

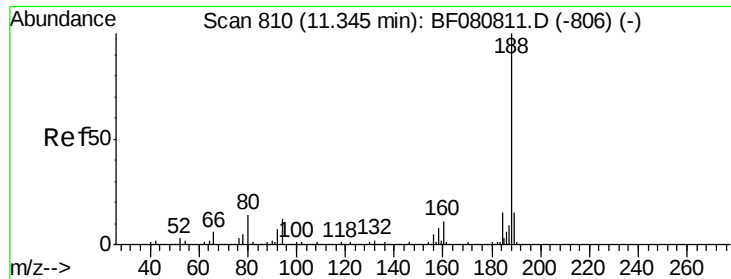
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	77	Resp:	981649
Ion Ratio	Lower	Upper	
77	100		
182	18.6	0.0	37.4
105	21.1	0.9	40.9
51	36.2	15.9	55.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

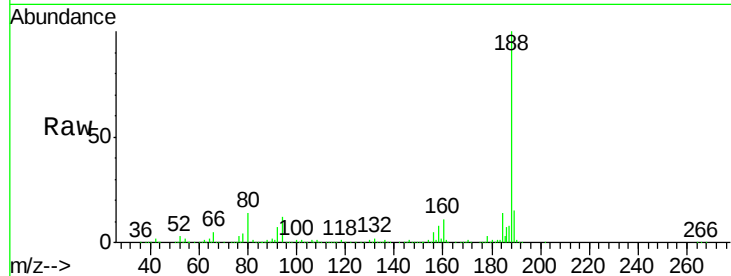
ClientSampleId :

PB84815BS

Tgt Ion:	188	Resp:	629154
Ion Ratio	Lower	Upper	
188	100		
94	12.1	9.7	14.5
80	13.7	11.2	16.8

Manual Integrations
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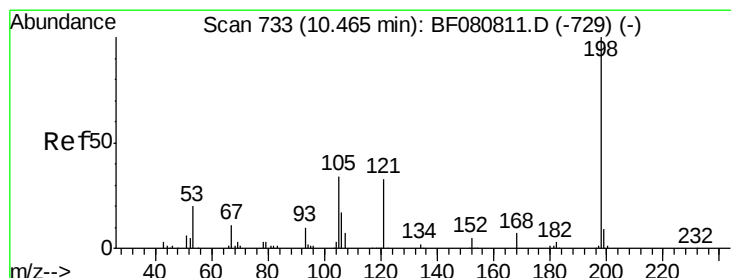
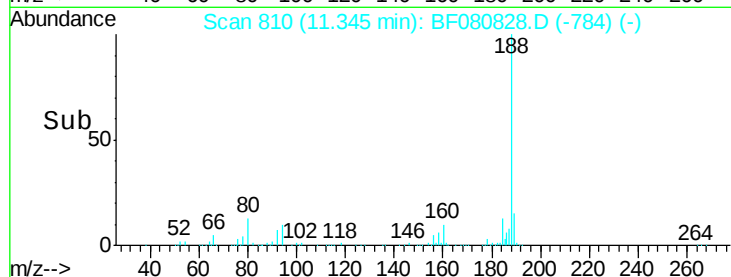
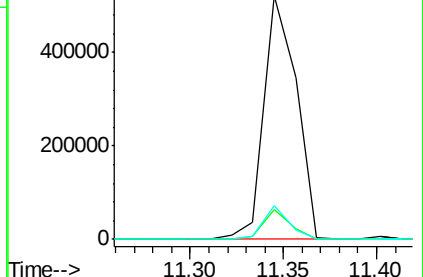
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.98 ng

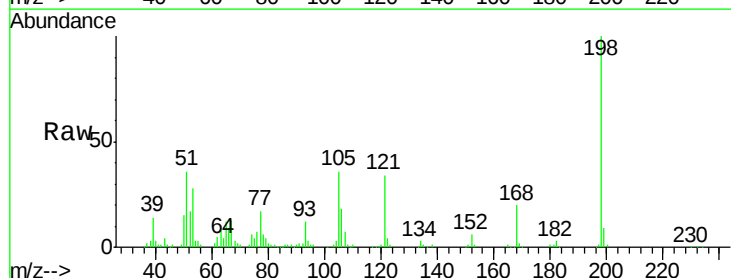
RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

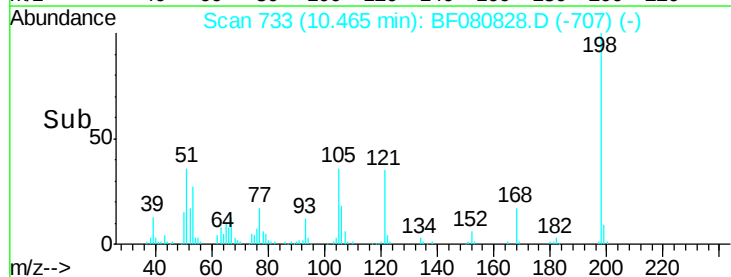
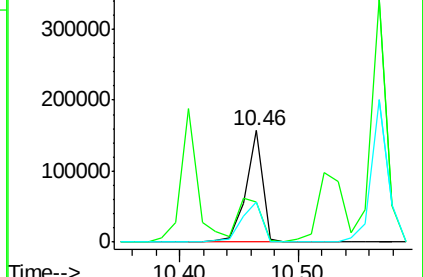
Tgt Ion:	198	Resp:	155091
Ion Ratio	Lower	Upper	
198	100		
51	35.8	13.9	53.9
105	35.7	14.1	54.1

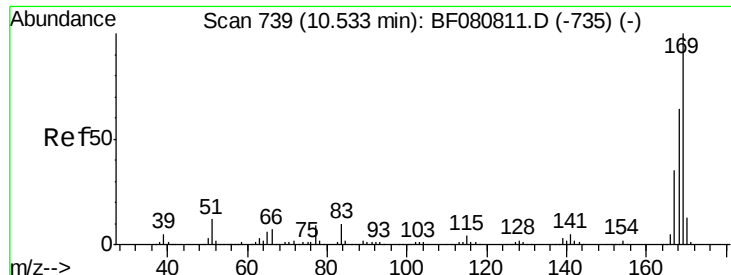


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

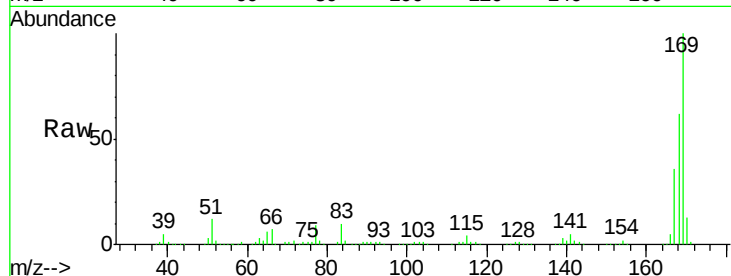
Ion 105.00 (104.70 to 105.70): E





#65
 n-Nitrosodiphenylamine
 Concen: 35.14 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

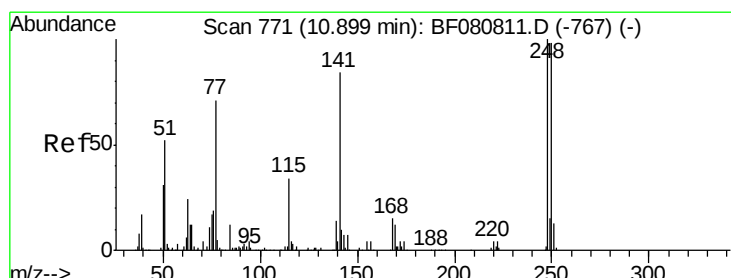
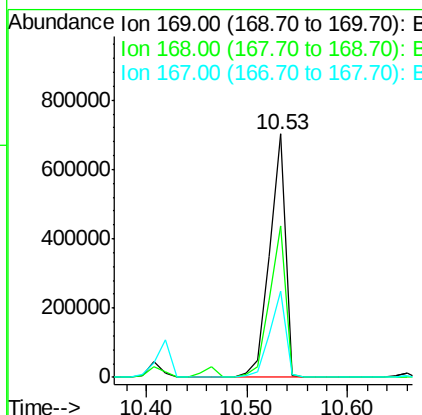
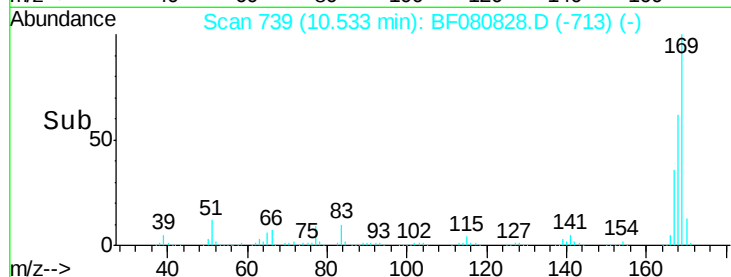
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS



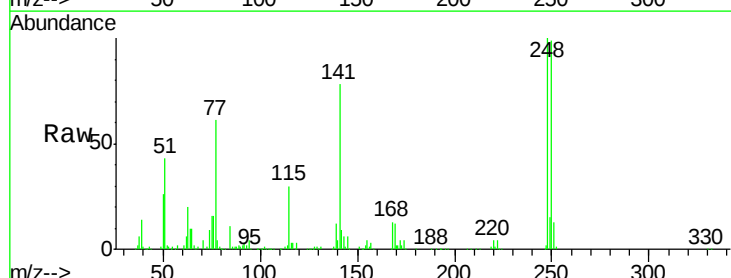
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	770982		
168	62.4	50.9	76.3	
167	35.6	27.7	41.5	

Manual Integrations
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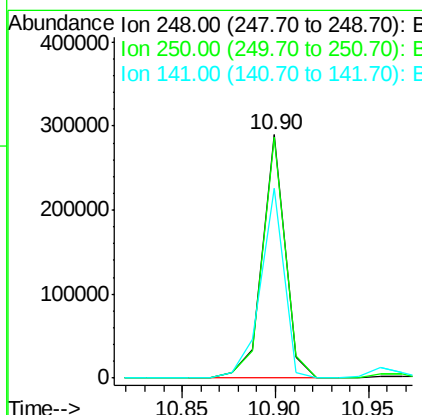
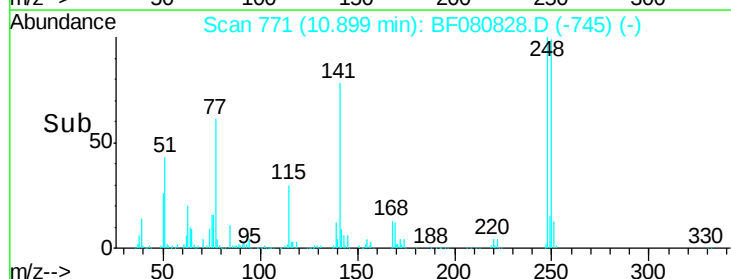
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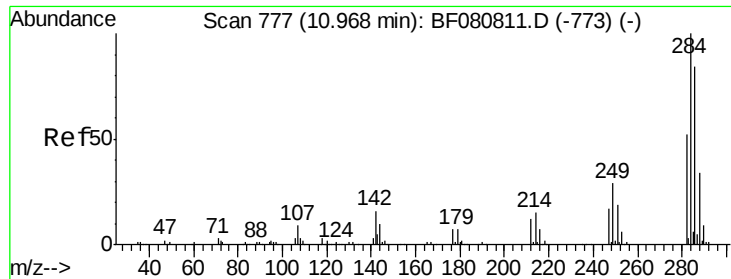


#66
 4-Bromophenyl-phenylether
 Concen: 35.33 ng
 RT: 10.90 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243811		
250	98.8	78.4	117.6	
141	78.1	67.3	100.9	





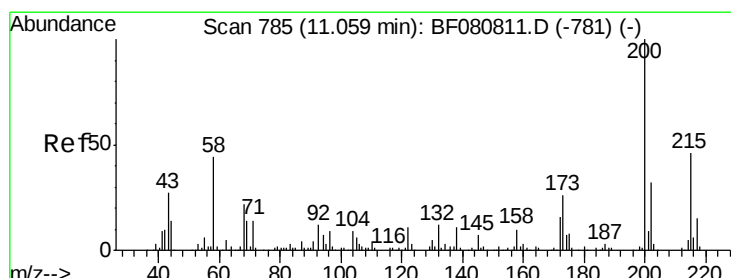
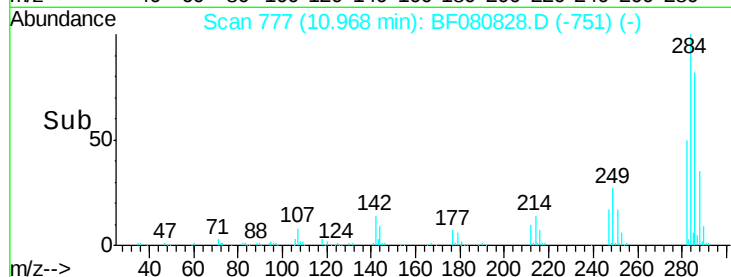
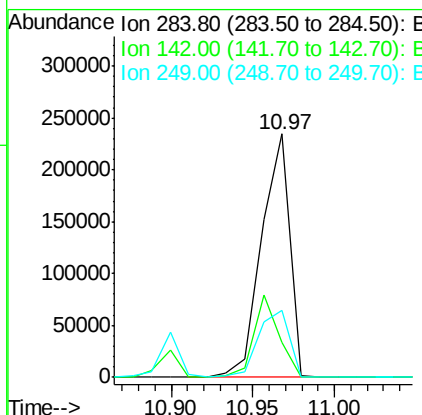
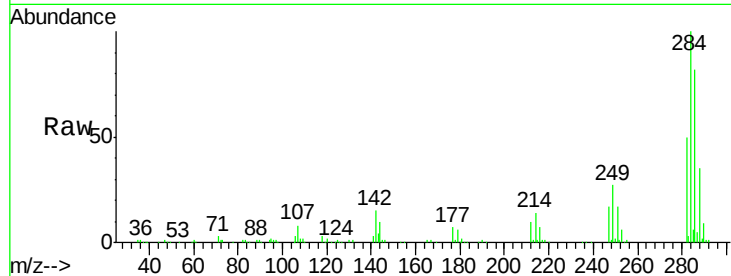
#67
Hexachlorobenzene
Concen: 36.08 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	14.6	13.0	19.4
249	27.4	22.9	34.3

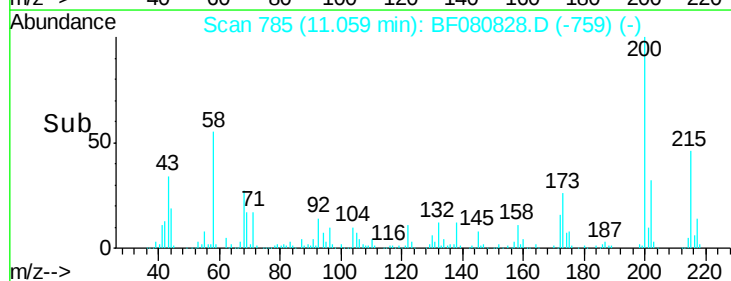
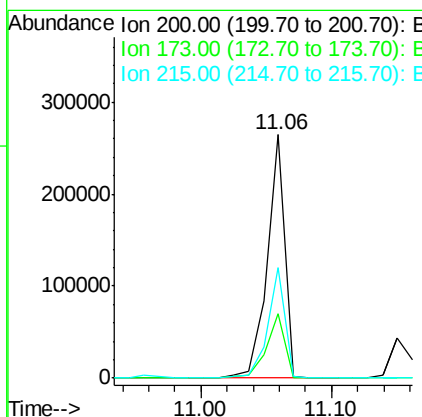
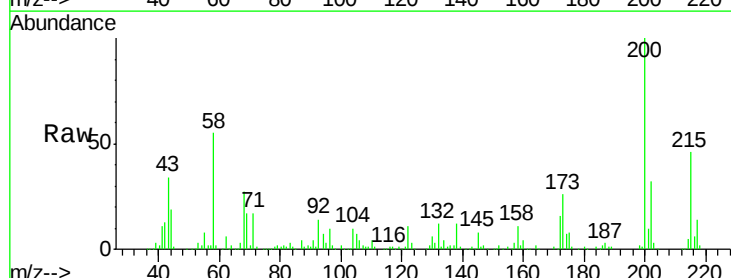
Manual Integrations
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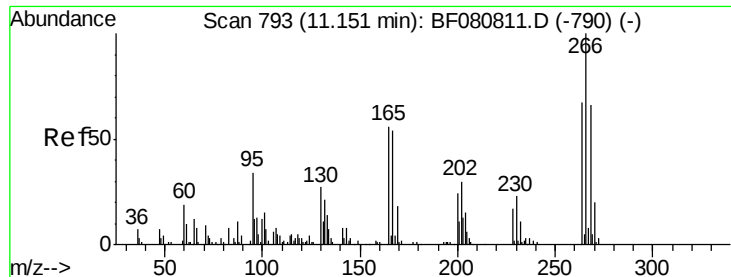
MMDadoda
8/5/2015 2:29:06 PM



#68
Atrazine
Concen: 49.53 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.0	46.0
215	45.6	26.4	66.4





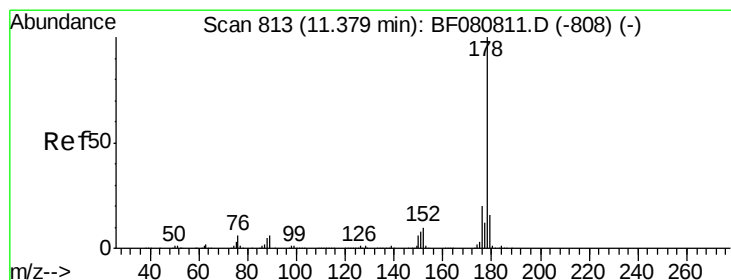
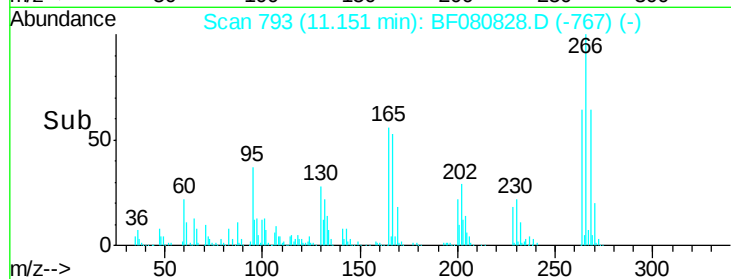
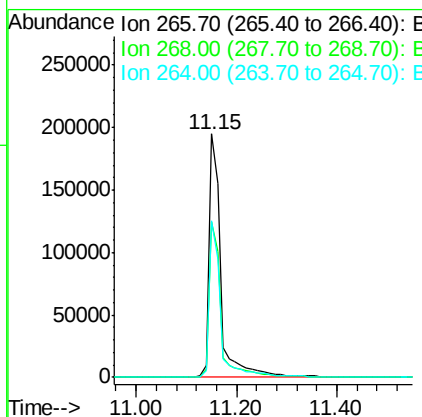
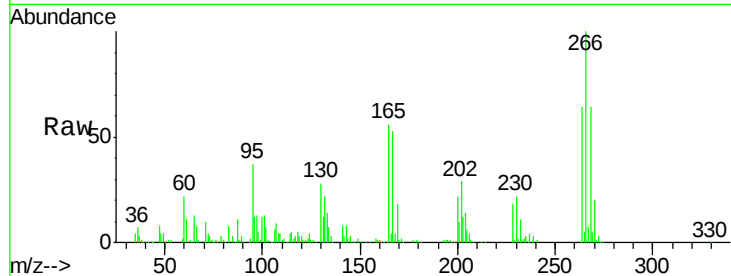
#69
 Pentachlorophenol
 Concen: 76.10 ng
 RT: 11.15 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	318835		
268	63.7	52.7	79.1	
264	64.3	53.4	80.0	

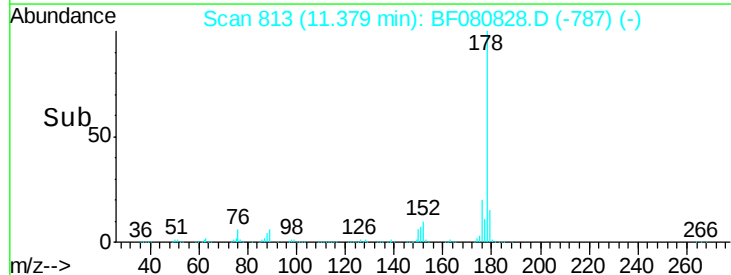
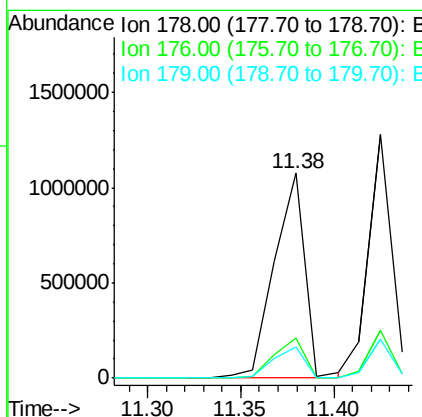
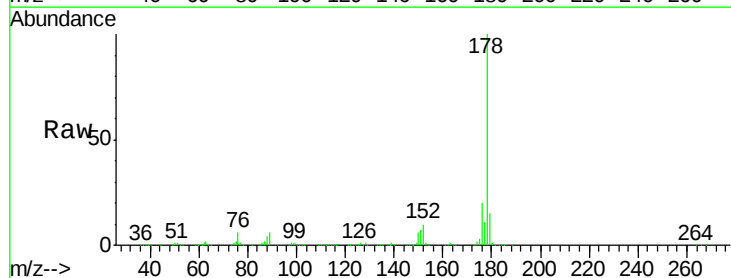
Manual Integrations
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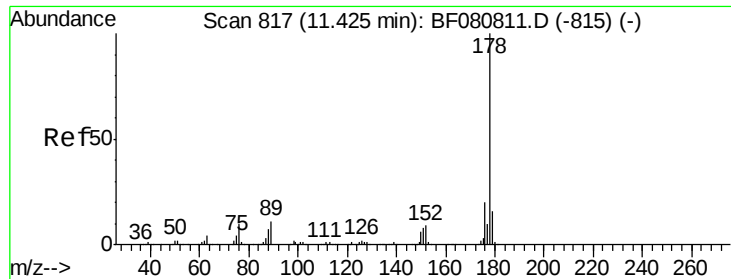
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 8/5/2015 2:29:06 PM



#70
 Phenanthrene
 Concen: 37.44 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1225754		
176	19.8	16.3	24.5	
179	15.4	12.6	19.0	





#71

Anthracene

Concen: 34.11 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

Tgt Ion:178 Resp: 1107569

Ion Ratio Lower Upper

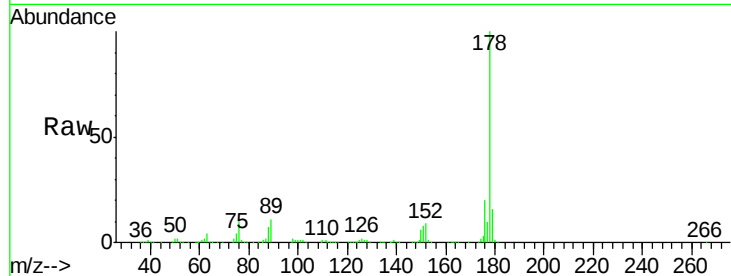
178 100

176 19.7 15.8 23.8

179 16.0 13.0 19.4

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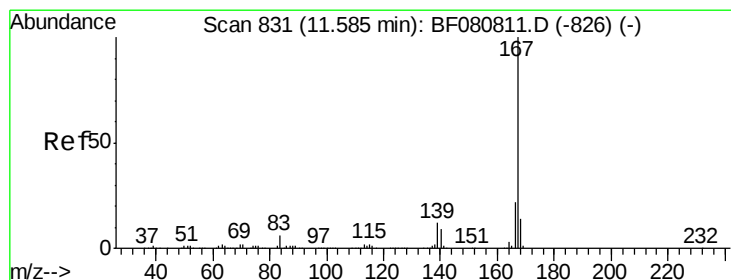
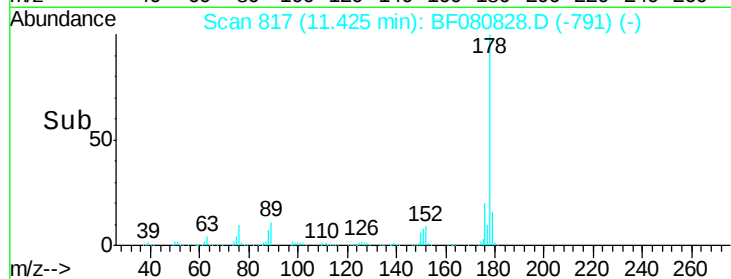
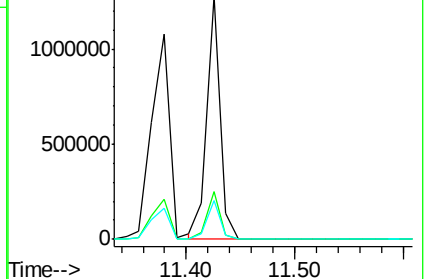
MMDadoda
8/5/2015 2:29:06 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.04 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

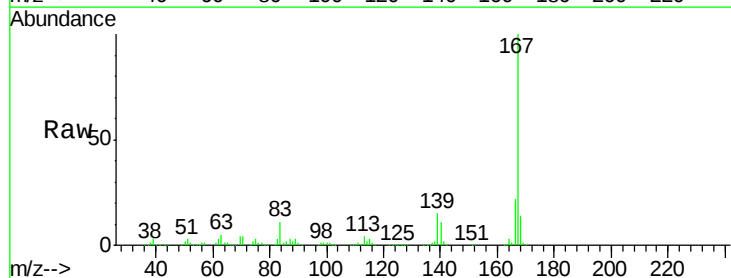
Tgt Ion:167 Resp: 1029057

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

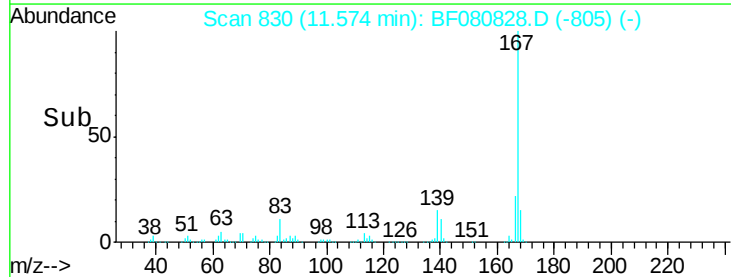
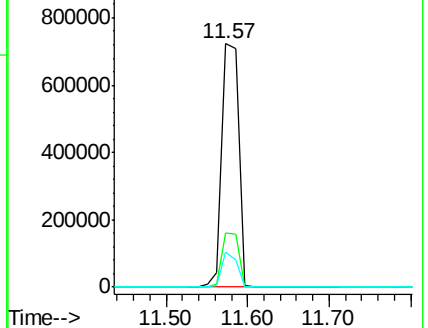
139 14.6 9.6 14.4#

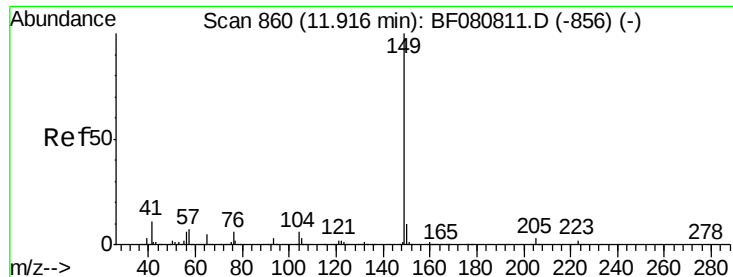


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.84 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

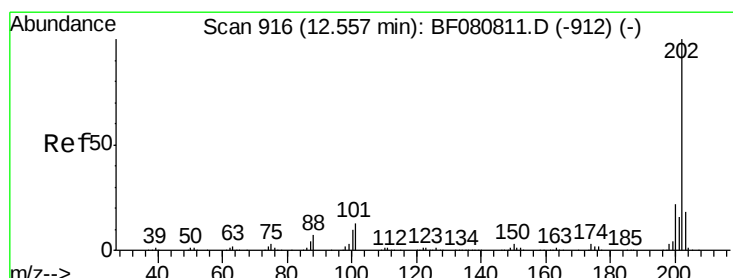
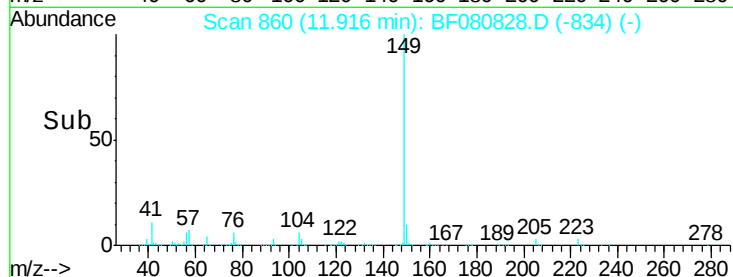
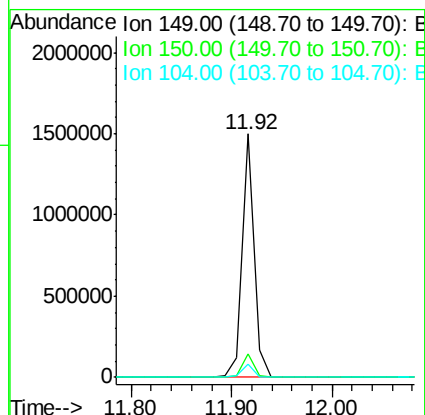
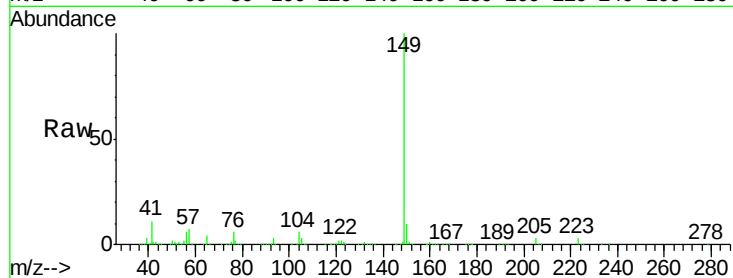
ClientSampleId :

PB84815BS

Manual Integrations
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Tgt Ion:	149	Resp:	1238792
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	5.5	4.6	6.8



#74

Fluoranthene

Concen: 35.64 ng

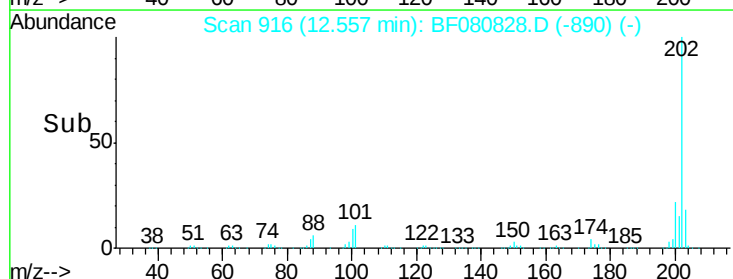
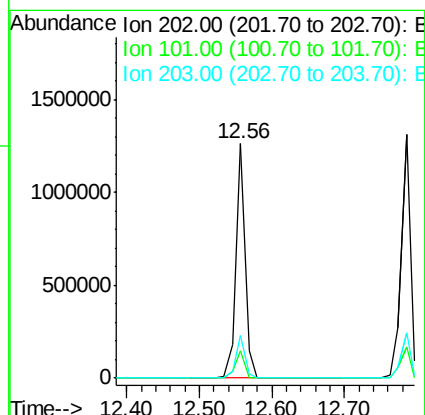
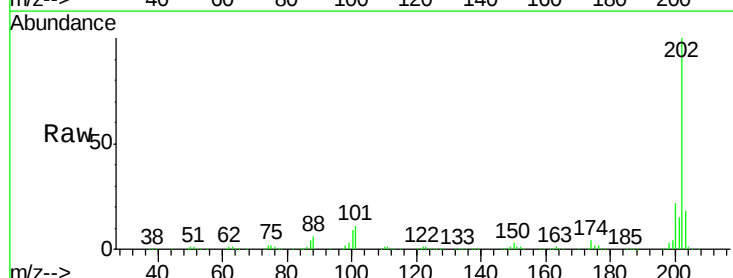
RT: 12.56 min Scan# 916

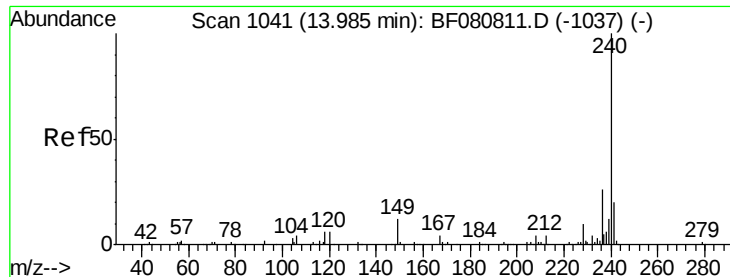
Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	202	Resp:	1107918
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.0
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF080828.D

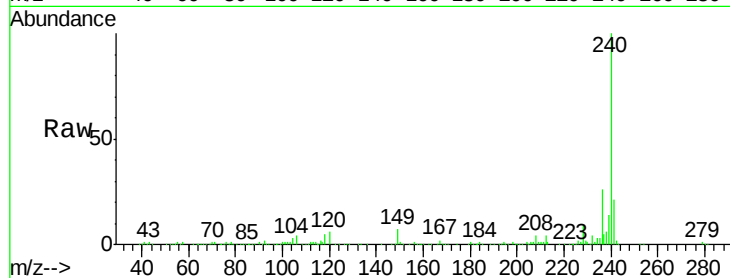
Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

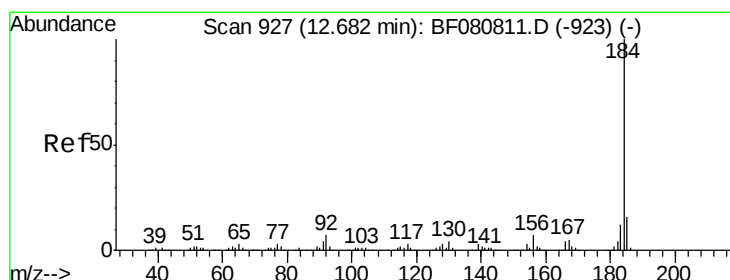
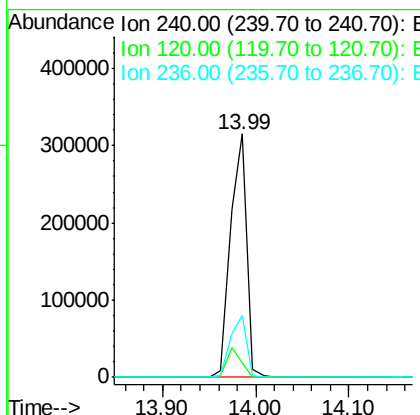
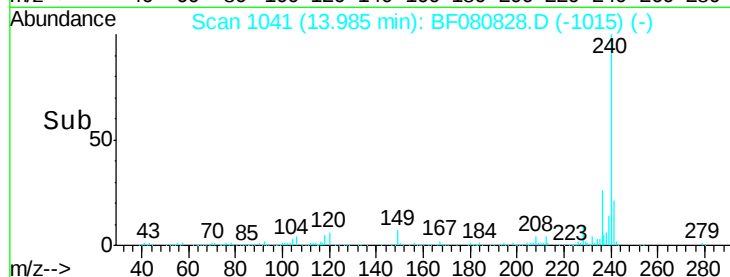
PB84815BS



Tgt Ion:	240	Resp:	382349
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.0	7.4
236	25.7	20.8	31.2

Manual Integrations
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#76

Benzidine

Concen: 37.84 ng

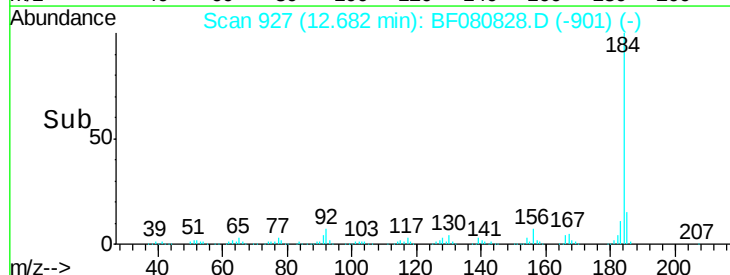
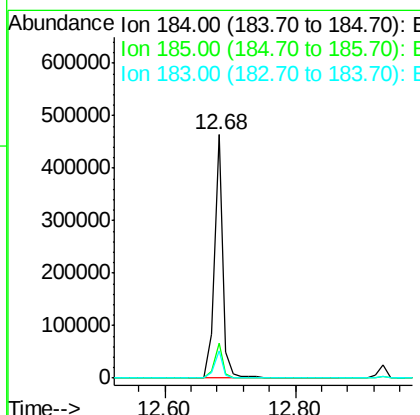
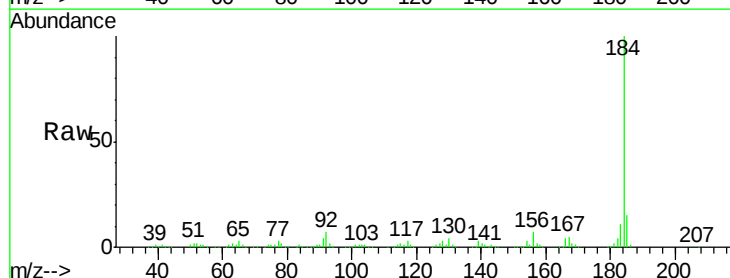
RT: 12.68 min Scan# 927

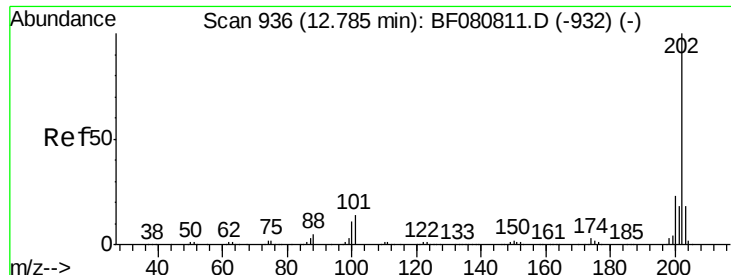
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:	184	Resp:	426691
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.4	9.3	13.9





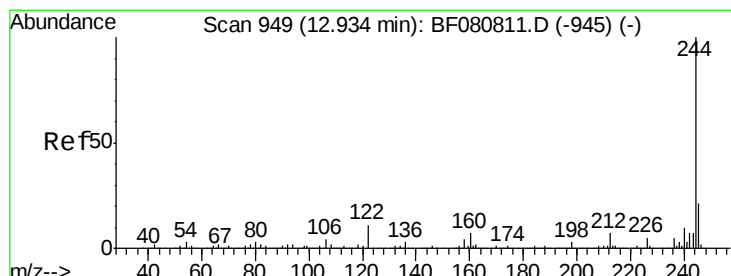
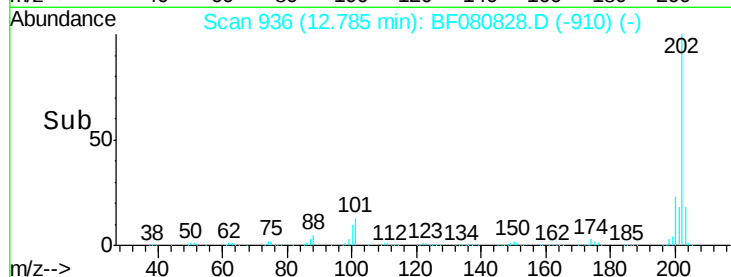
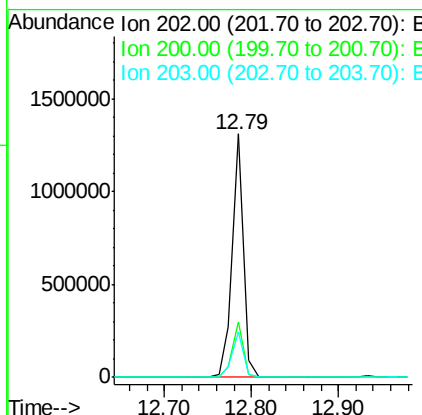
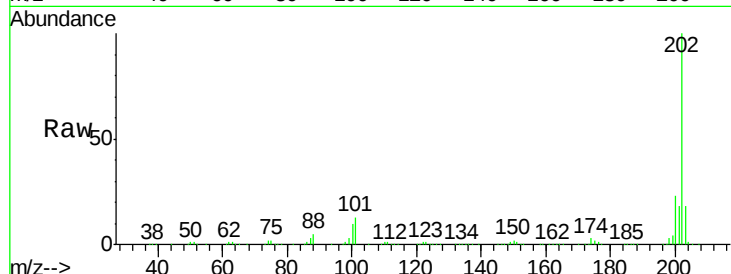
#77
 Pyrene
 Concen: 41.08 ng
 RT: 12.79 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.4
203	18.4	14.8	22.2

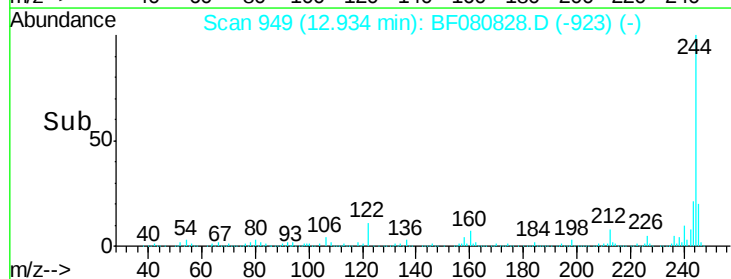
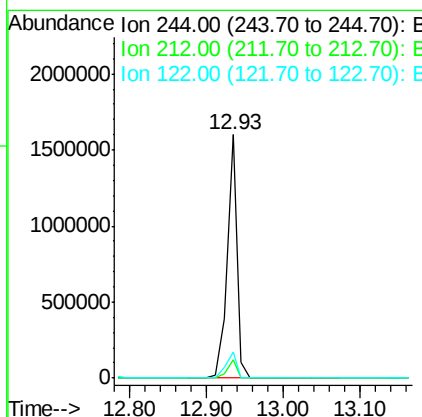
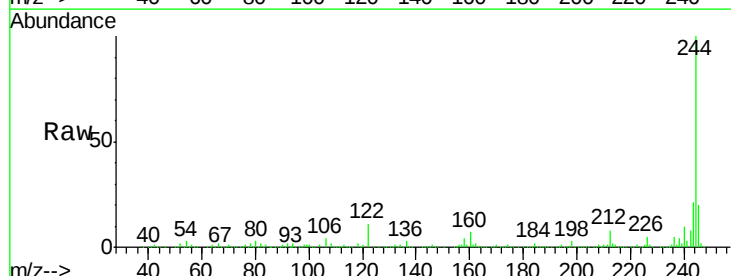
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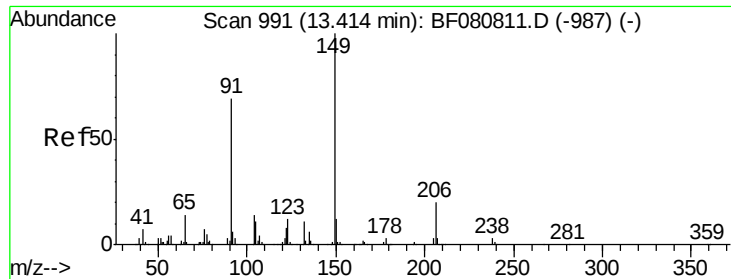
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#78
 Terphenyl-d14
 Concen: 76.55 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	10.8	9.1	13.7





#79

Butylbenzylphthalate

Concen: 44.67 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

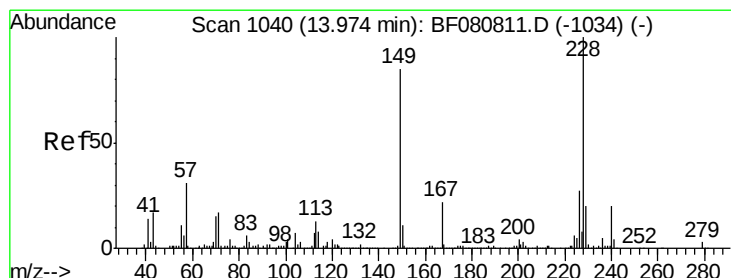
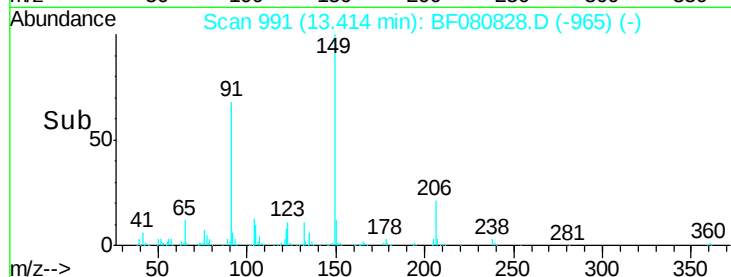
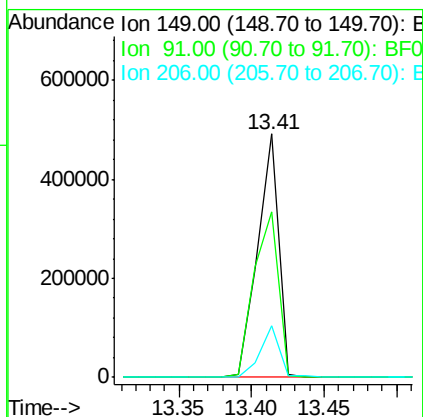
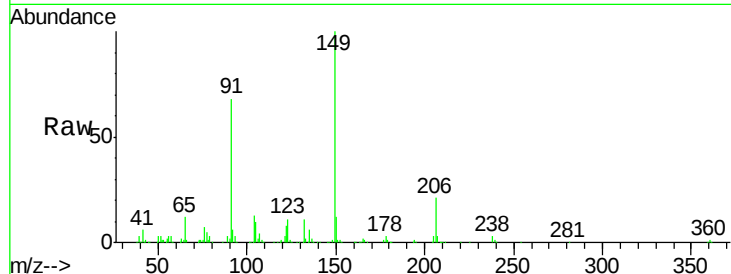
ClientSampleId :

PB84815BS

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	497502		
91	68.2	55.4	83.2	
206	21.0	15.8	23.6	



#80

Benzo(a)anthracene

Concen: 39.69 ng

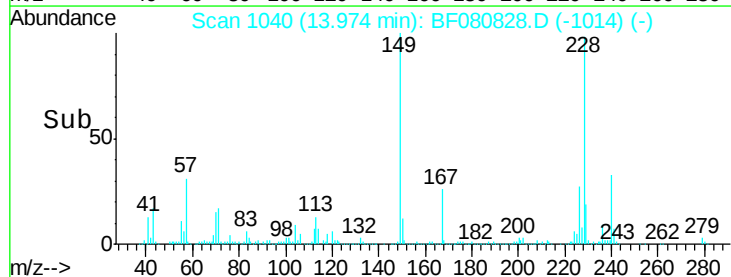
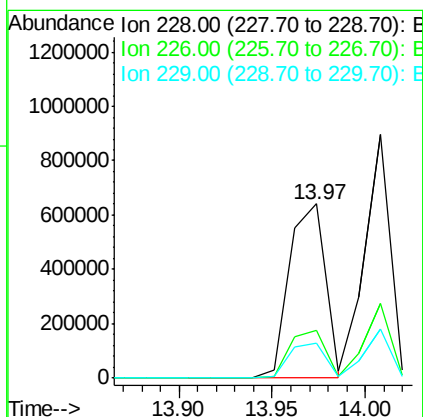
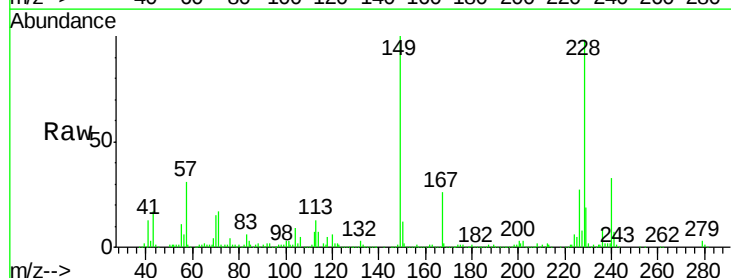
RT: 13.97 min Scan# 1040

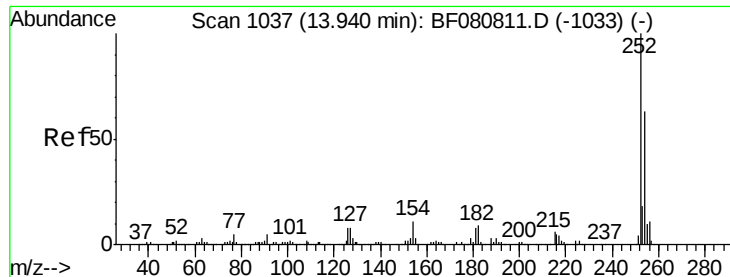
Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

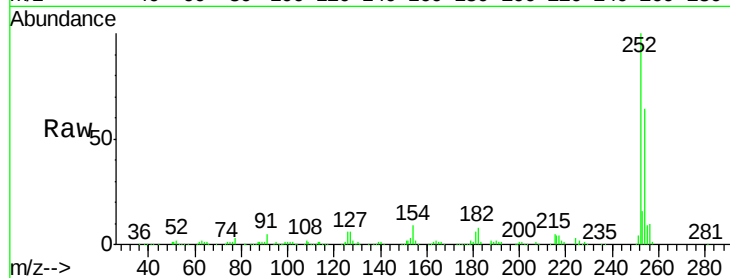
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	859913		
226	27.2	21.6	32.4	
229	19.8	15.7	23.5	





#81
 3,3'-Dichlorobenzidine
 Concen: 26.88 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

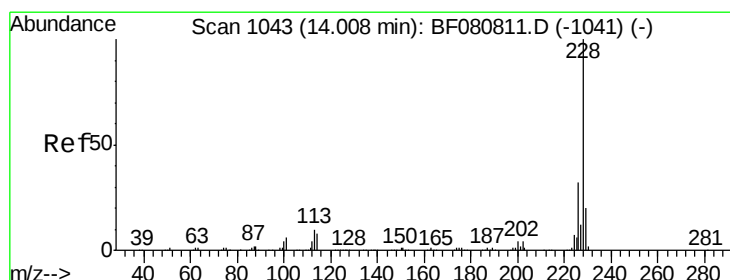
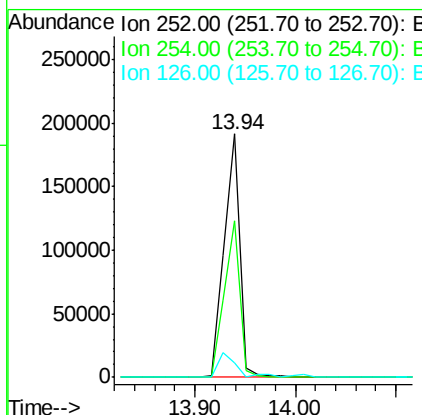
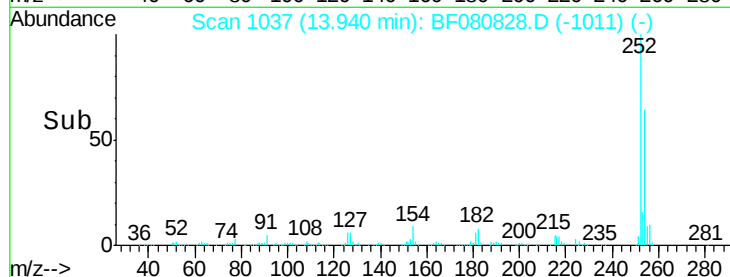
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	207241		
254	64.2	50.1	75.1	
126	6.2	6.2	9.4	

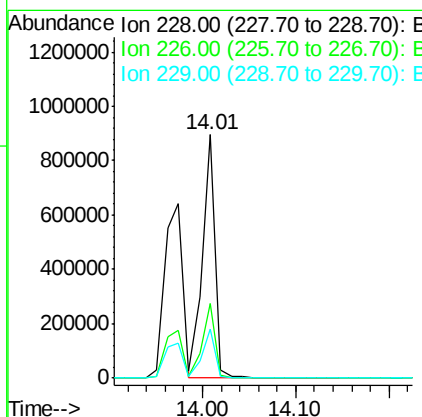
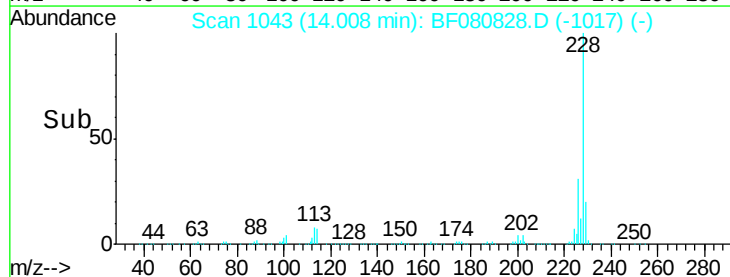
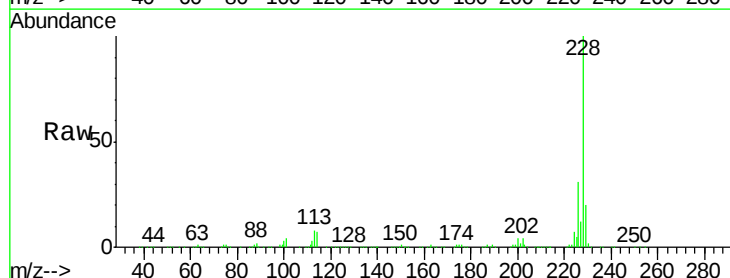
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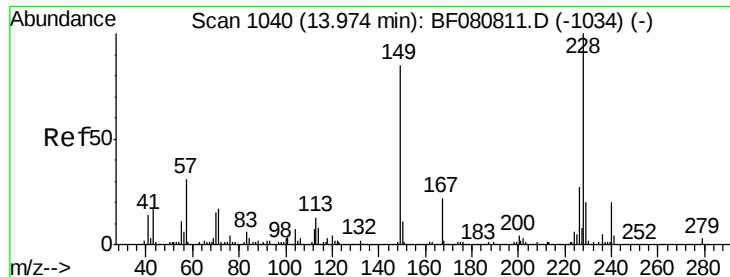
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#82
 Chrysene
 Concen: 40.27 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	853243		
226	30.8	25.0	37.6	
229	20.2	16.1	24.1	





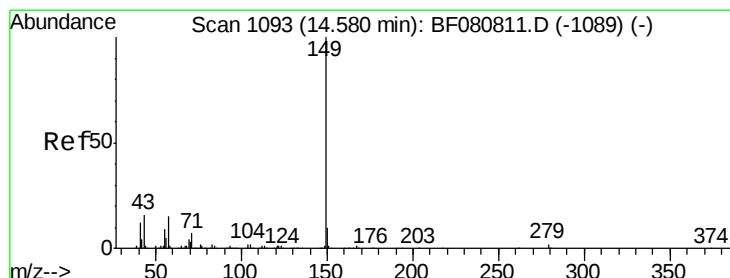
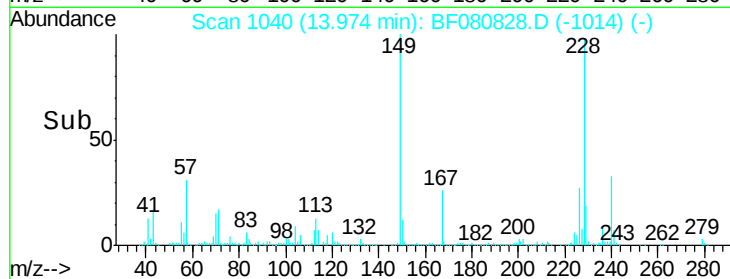
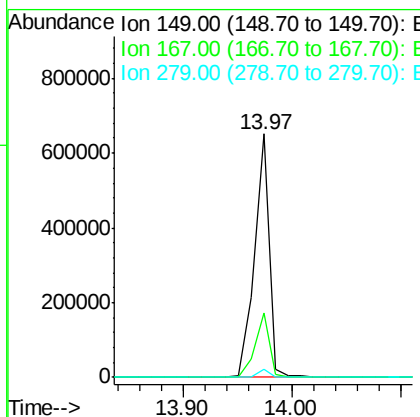
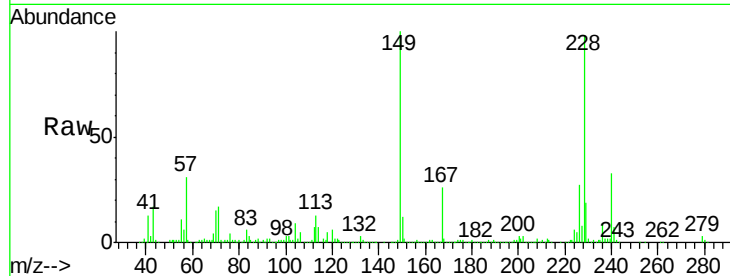
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.87 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	616535		
167	26.5	20.4	30.6	
279	3.5	2.4	3.6	

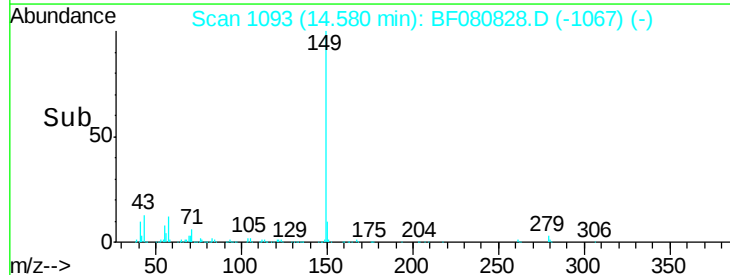
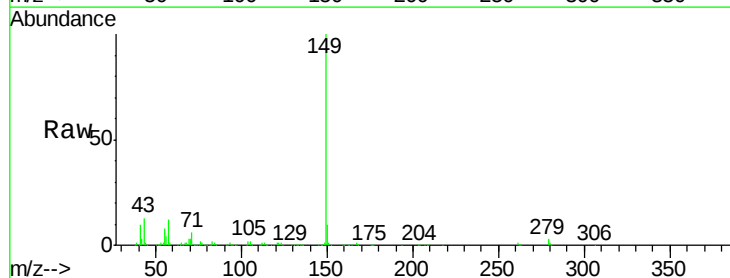
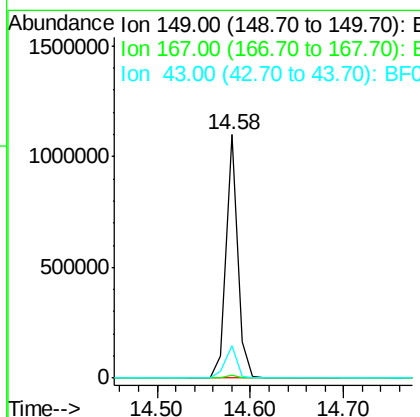
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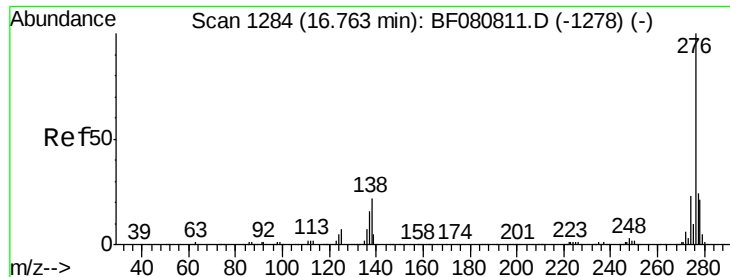
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#84
 Di-n-octyl phthalate
 Concen: 43.46 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

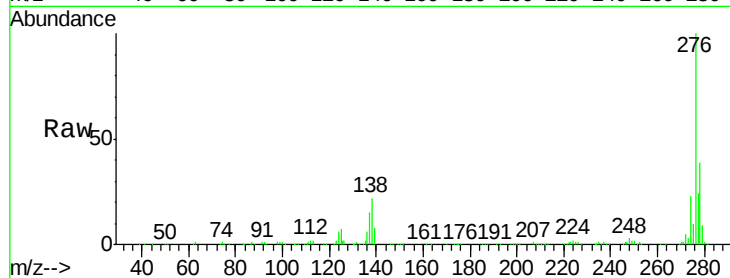
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	944213		
167	1.4	1.1	1.7	
43	13.7	11.8	17.8	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.55 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

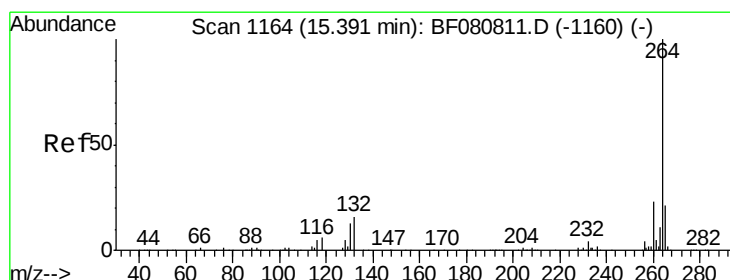
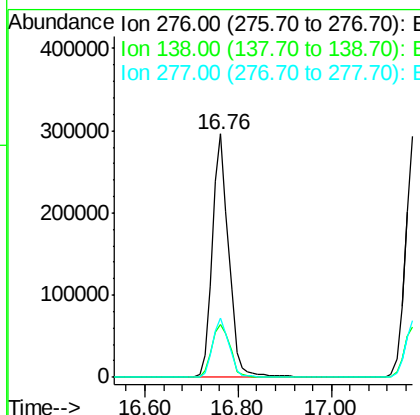
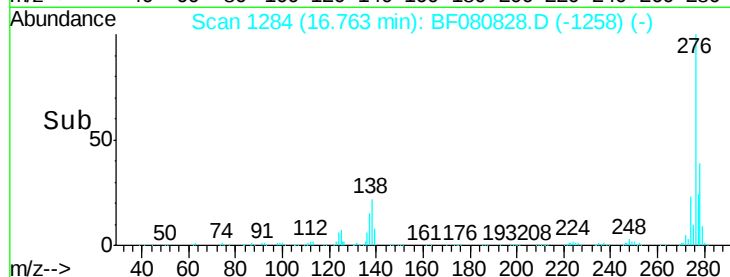
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	727727		
138	24.1	18.6	27.8	
277	24.6	20.1	30.1	

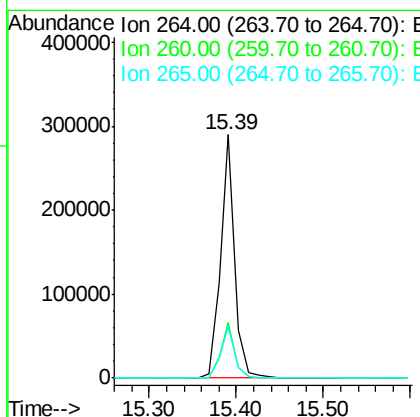
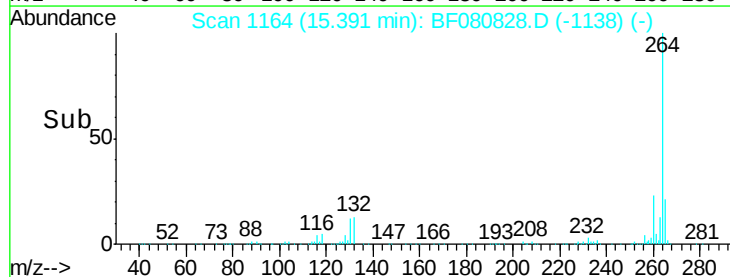
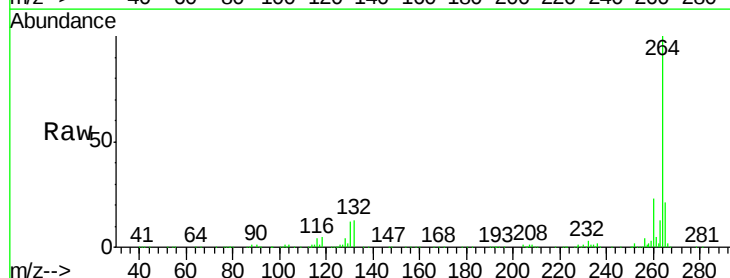
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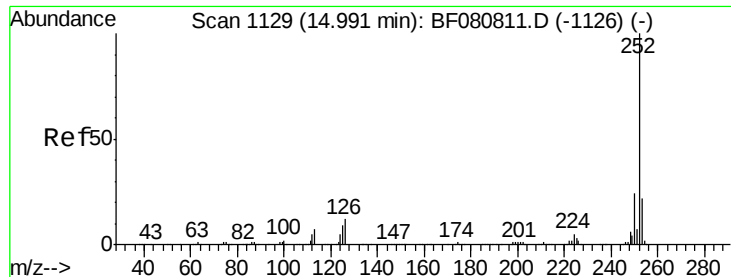
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	328326		
260	22.7	18.3	27.5	
265	21.0	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 37.63 ng m

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

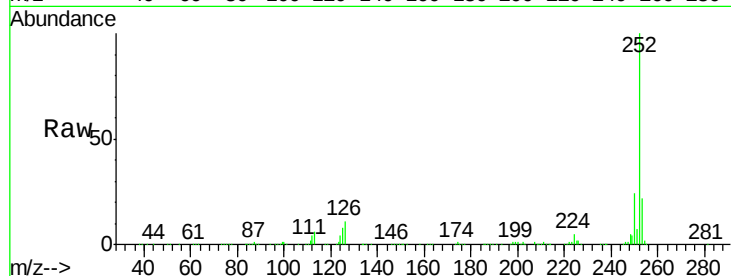
ClientSampleId :

PB84815BS

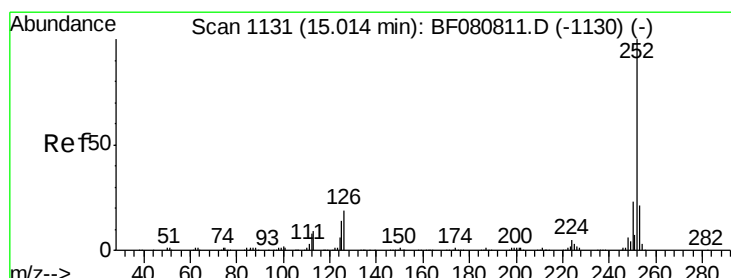
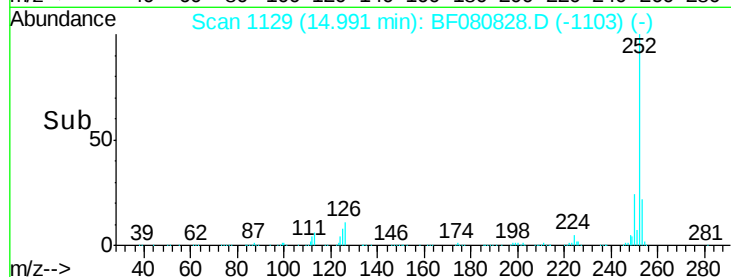
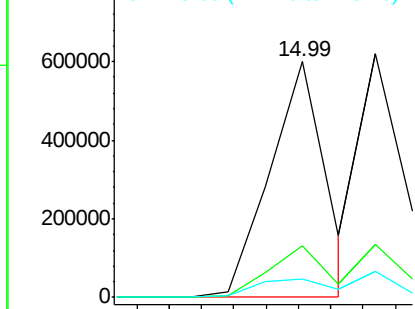
Tgt Ion:	252	Resp:	723792
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	8.0	7.4	11.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.77 ng m

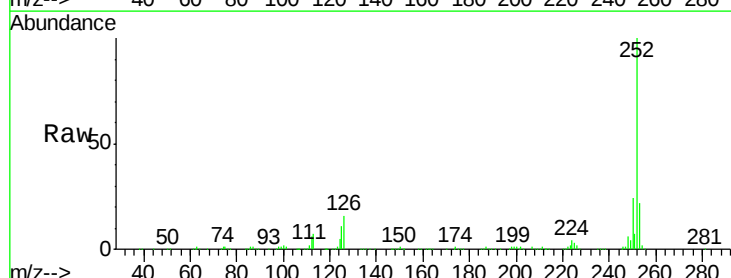
RT: 15.01 min Scan# 1131

Delta R.T. -0.00 min

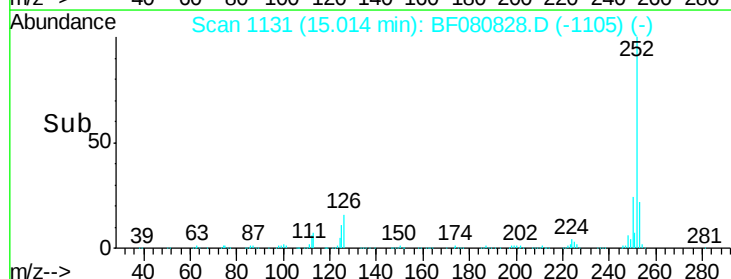
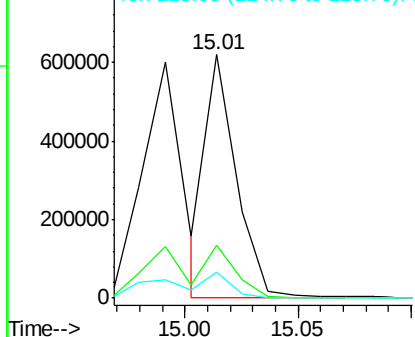
Lab File: BF080828.D

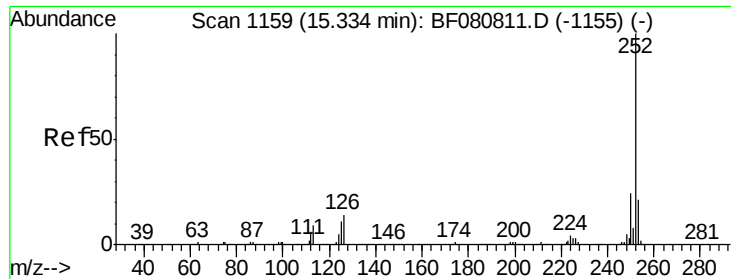
Acq: 4 Aug 2015 7:10

Tgt Ion:	252	Resp:	600593
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	10.9	9.9	14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.34 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

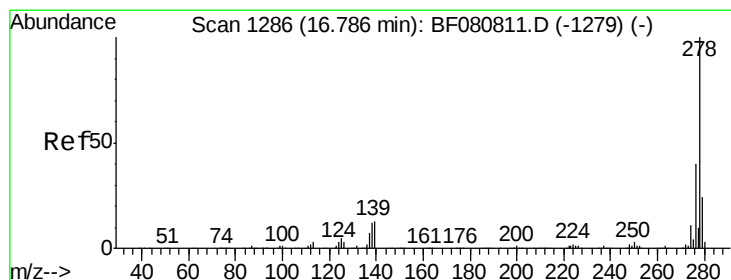
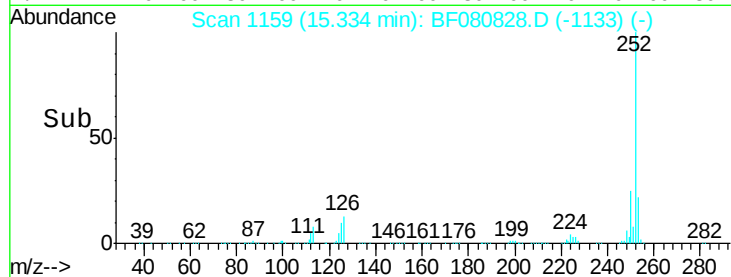
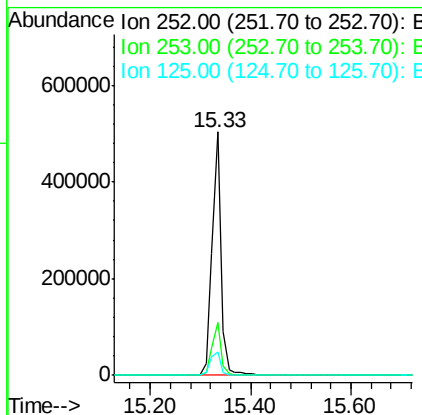
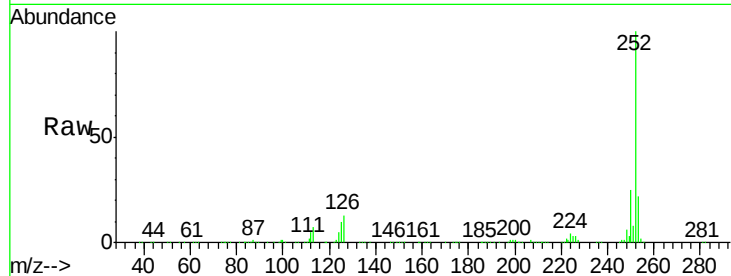
ClientSampleId :

PB84815BS

Tgt Ion:	252	Resp:	629255
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	9.7	8.9	13.3

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#90

Dibenzo(a,h)anthracene

Concen: 38.55 ng

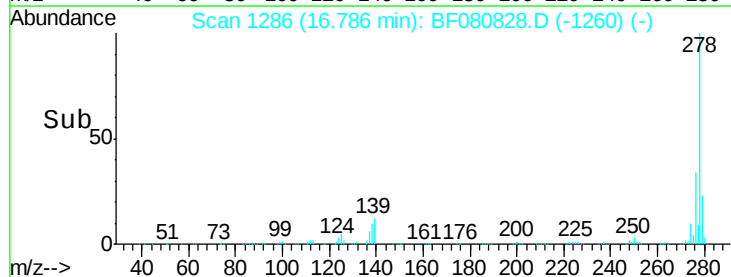
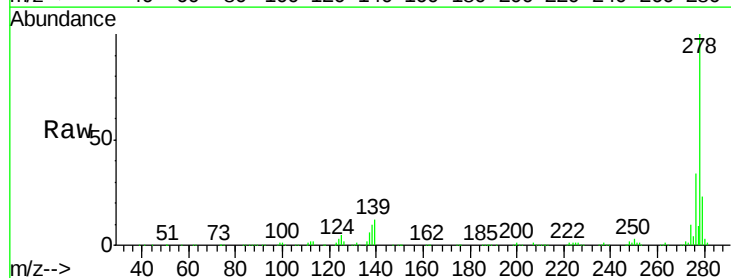
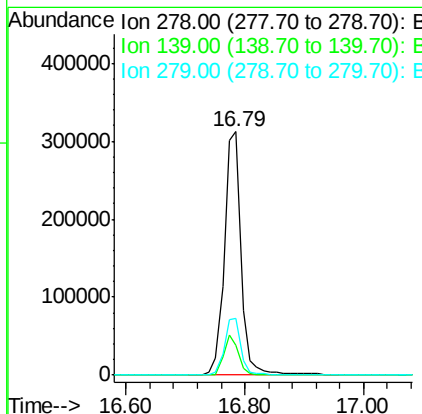
RT: 16.79 min Scan# 1286

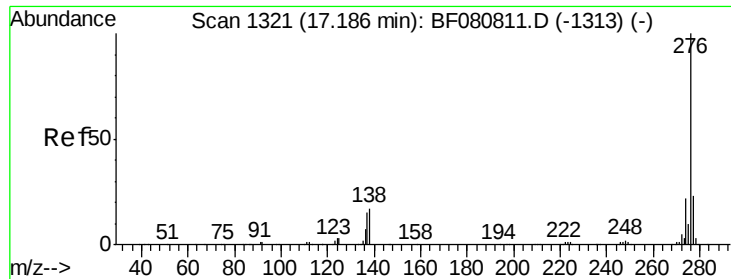
Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

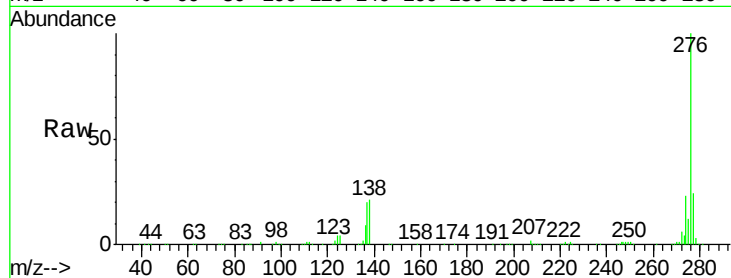
Tgt Ion:	278	Resp:	614037
Ion Ratio	Lower	Upper	
278	100		
139	12.3	10.7	16.1
279	23.4	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 37.77 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.6	18.6	27.8	
138	21.0	13.3	19.9	

Manual Integrations
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 8/5/2015 2:29:06 PM

