

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080855.D
 Acq On : 4 Aug 2015 23:56
 Operator : TP/UM
 Sample : PB84838BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:01:05 PM

Quant Time: Aug 05 07:42:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95430	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	364508	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	156564	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	253078	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141483	20.00	ng	0.00
86) Perylene-d12	15.37	264	109181	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	438114	69.48	ng	0.01
7) Phenol-d6	6.45	99	621522	75.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	415585	53.73	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	118419	78.43	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	622623	53.55	ng	0.00
78) Terphenyl-d14	12.92	244	460172	58.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	66204	21.42	ng	99
3) Pyridine	3.25	79	187029	21.95	ng	97
4) n-Nitrosodimethylamine	3.20	42	105631	24.17	ng	100
6) Aniline	6.49	93	198177	16.52	ng	97
8) 2-Chlorophenol	6.61	128	180061	25.49	ng	99
9) Benzaldehyde	6.37	77	35015	6.09	ng	94
10) Phenol	6.48	94	213574	21.78	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	200191	27.34	ng	100
12) 1,3-Dichlorobenzene	6.76	146	178557	23.59	ng	99
13) 1,4-Dichlorobenzene	6.84	146	186453	24.54	ng	99
14) 1,2-Dichlorobenzene	6.99	146	168533m	23.51	ng	
15) Benzyl Alcohol	6.97	79	138453	25.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	366534	25.86	ng	99
17) 2-Methylphenol	7.08	107	157100	25.39	ng	98
18) Hexachloroethane	7.33	117	71649	24.82	ng	# 76
19) n-Nitroso-di-n-propylamine	7.24	70	136598	25.65	ng	98
20) 3+4-Methylphenols	7.23	107	173648	24.21	ng	94
22) Acetophenone	7.23	105	245398	27.57	ng	# 79
24) Nitrobenzene	7.40	77	193732	24.15	ng	# 86
25) Isophorone	7.65	82	369789	26.98	ng	99
26) 2-Nitrophenol	7.72	139	88729m	26.96	ng	
27) 2,4-Dimethylphenol	7.77	122	171453m	27.98	ng	
28) bis(2-Chloroethoxy)methane	7.86	93	213867	25.38	ng	100
29) 2,4-Dichlorophenol	7.96	162	131658	26.03	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	151387	26.30	ng	98
31) Naphthalene	8.13	128	523633	26.37	ng	100
32) Benzoic acid	7.87	122	110083m	27.69	ng	
33) 4-Chloroaniline	8.18	127	89451	11.52	ng	94
34) Hexachlorobutadiene	8.25	225	82766	25.23	ng	99
35) Caprolactam	8.53	113	38878	26.92	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	149816	27.00	ng	96
37) 2-Methylnaphthalene	8.82	142	323351	27.18	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	130420	24.41	ng	98
40) Hexachlorocyclopentadiene	8.98	237	184593	57.53	ng	96

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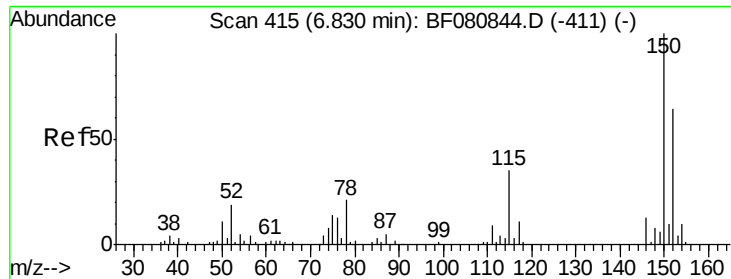
Manual Integrations
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 8/5/2015 7:01:05 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	87232	24.09	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	95019	26.16	ng #	81
45) 1,1'-Biphenyl	9.29	154	376006	26.05	ng	99
46) 2-Chloronaphthalene	9.31	162	284546	25.35	ng	98
47) 2-Nitroaniline	9.40	65	113323	27.73	ng	95
48) Acenaphthylene	9.72	152	488991	26.47	ng	100
49) Dimethylphthalate	9.58	163	302034	26.45	ng	100
50) 2,6-Dinitrotoluene	9.64	165	62754	26.28	ng	98
51) Acenaphthene	9.89	154	329486	29.67	ng	99
52) 3-Nitroaniline	9.80	138	41675	14.13	ng #	59
53) 2,4-Dinitrophenol	9.92	184	82415	54.79	ng #	67
54) Dibenzofuran	10.06	168	418509	28.26	ng	100
55) 4-Nitrophenol	9.97	139	116097	55.95	ng #	73
56) 2,4-Dinitrotoluene	10.04	165	77977	25.86	ng	93
57) Fluorene	10.41	166	297978	26.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	75818	29.09	ng	98
59) Diethylphthalate	10.28	149	298984	26.45	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	126361	26.44	ng	100
61) 4-Nitroaniline	10.42	138	65443	24.86	ng	96
62) Azobenzene	10.56	77	360191	27.24	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	44252	27.18	ng	92
65) n-Nitrosodiphenylamine	10.52	169	255354	26.34	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	80734	28.82	ng	97
67) Hexachlorobenzene	10.94	284	81732	26.72	ng	98
68) Atrazine	11.05	200	76467	30.30	ng	97
69) Pentachlorophenol	11.14	266	87620	52.56	ng	99
70) Phenanthrene	11.36	178	358930	24.55	ng	99
71) Anthracene	11.41	178	399722	28.13	ng	100
72) Carbazole	11.56	167	330067	24.63	ng	99
73) Di-n-butylphthalate	11.90	149	451667	28.46	ng	100
74) Fluoranthene	12.54	202	395582	27.78	ng	100
76) Benzidine	12.67	184	123759	18.07	ng	100
77) Pyrene	12.77	202	400385	31.55	ng	99
79) Butylbenzylphthalate	13.39	149	156474	30.14	ng	99
80) Benzo(a)anthracene	13.95	228	271490	28.69	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	52890	15.04	ng	98
82) Chrysene	13.99	228	251825	26.11	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	206710	29.82	ng	99
84) Di-n-octyl phthalate	14.57	149	340065	29.19	ng	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	199711	25.22	ng	99
87) Benzo(b)fluoranthene	14.97	252	215032m	26.33	ng	
88) Benzo(k)fluoranthene	15.00	252	231173m	36.77	ng	
89) Benzo(a)pyrene	15.31	252	207734	31.16	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	167981	29.01	ng	97
91) Benzo(g,h,i)perylene	17.14	276	166240	29.70	ng	97

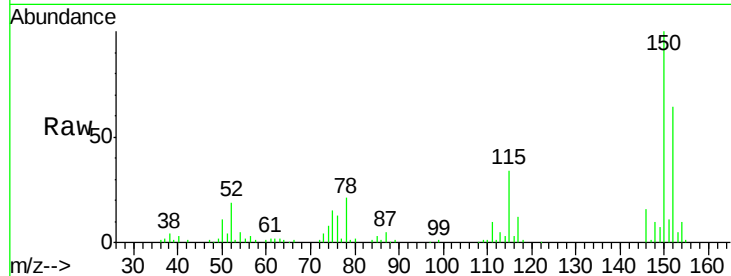
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

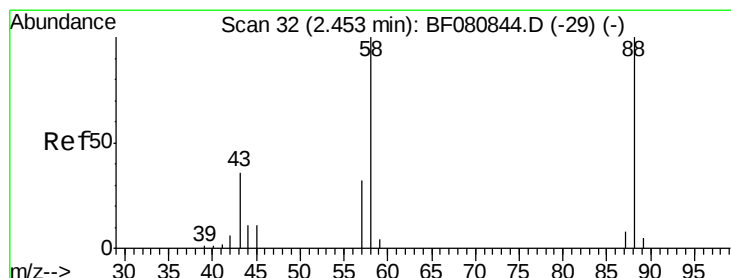
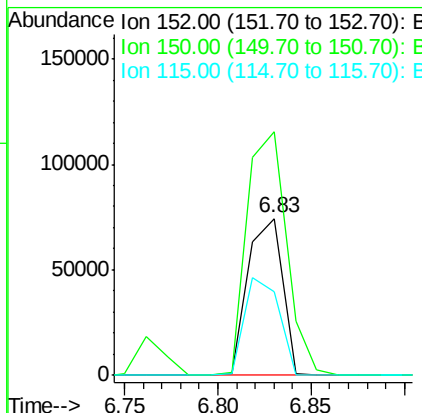
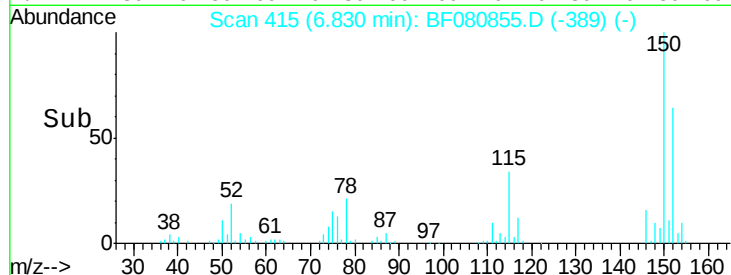
Instrument :
BNA_F
ClientSampleId :
PB84838BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	187.0
115	53.1	44.2	66.4

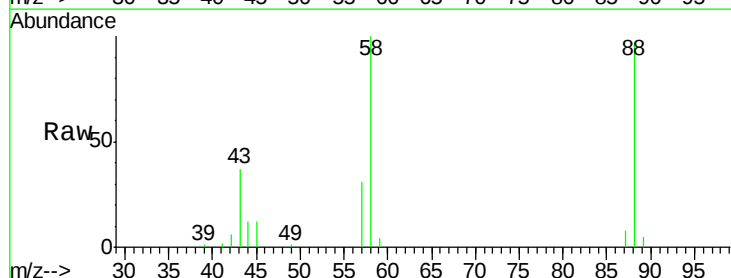
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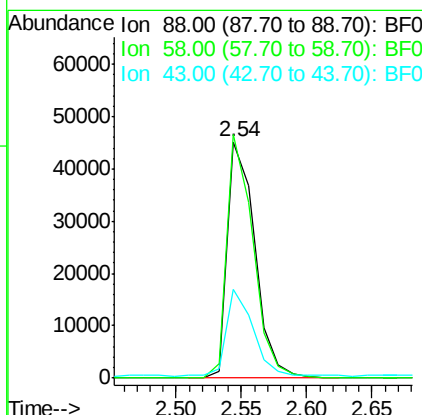
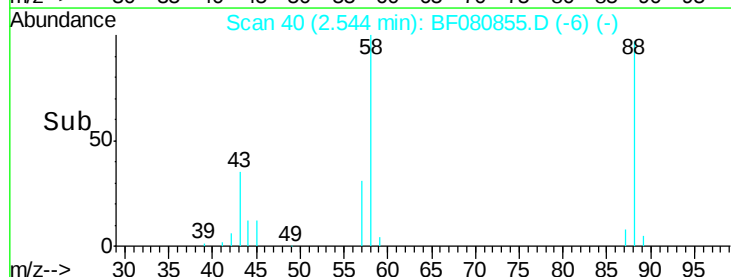


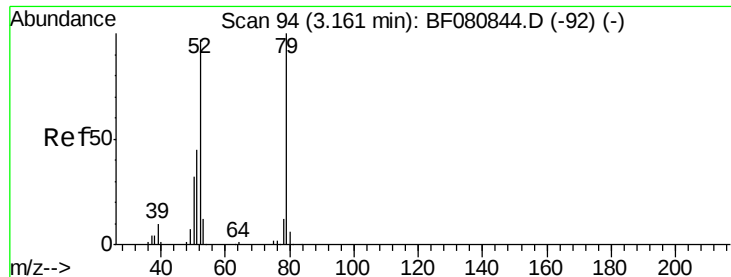
#2

1,4-Dioxane
Concen: 21.42 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.09 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56



Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	79.2	118.8
43	36.1	28.1	42.1





#3

Pyridine

Concen: 21.95 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

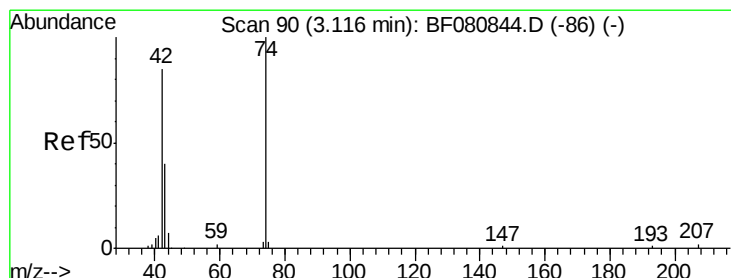
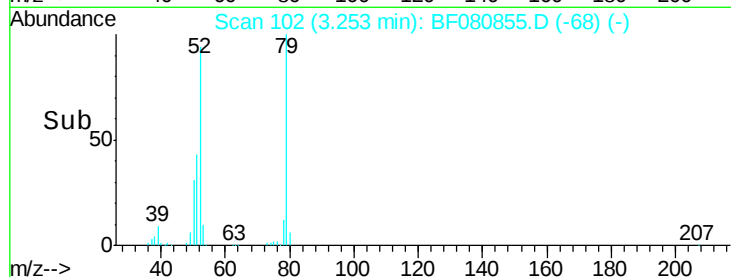
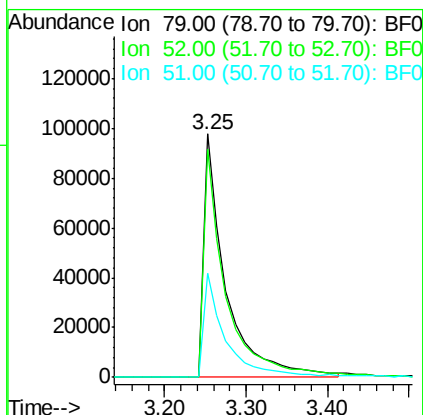
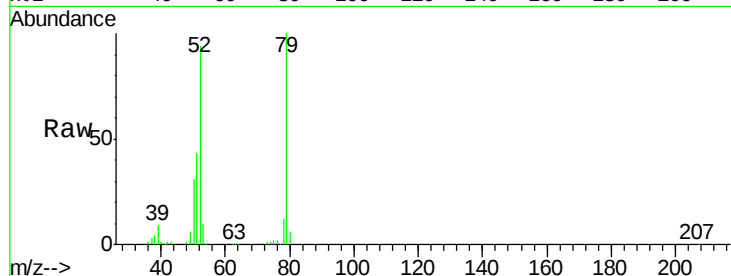
ClientSampleId :

PB84838BSD

Manual Integrations
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8/5/2015 7:01:05 PM

Tgt Ion:	79	Resp:	187029
Ion	Ratio	Lower	Upper
79	100		
52	93.8	77.7	116.5
51	42.6	36.1	54.1



#4

n-Nitrosodimethylamine

Concen: 24.17 ng

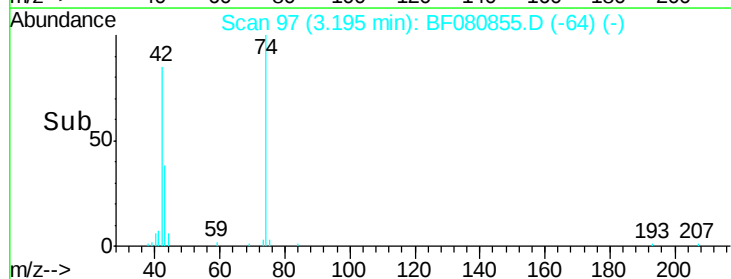
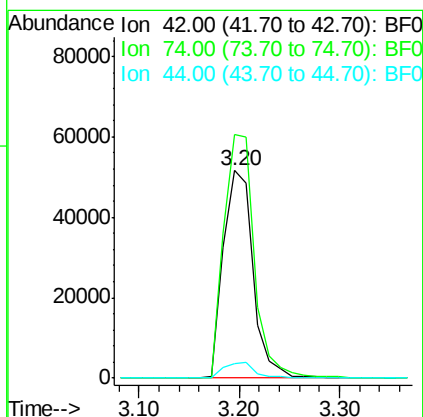
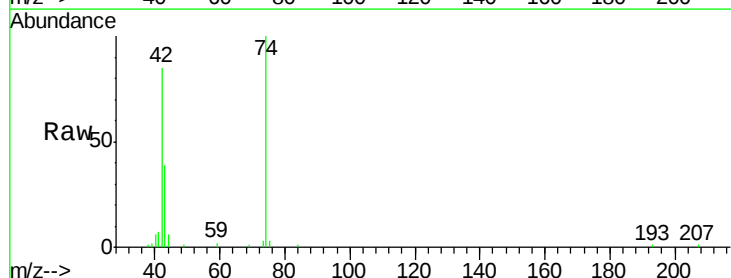
RT: 3.20 min Scan# 97

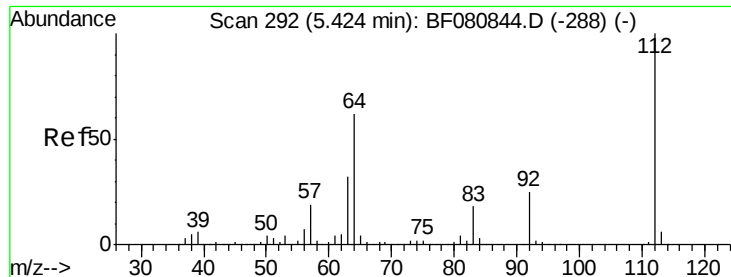
Delta R.T. 0.08 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion:	42	Resp:	105631
Ion	Ratio	Lower	Upper
42	100		
74	117.5	94.3	141.5
44	7.3	6.2	9.2





#5

2-Fluorophenol

Concen: 69.48 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080855.D

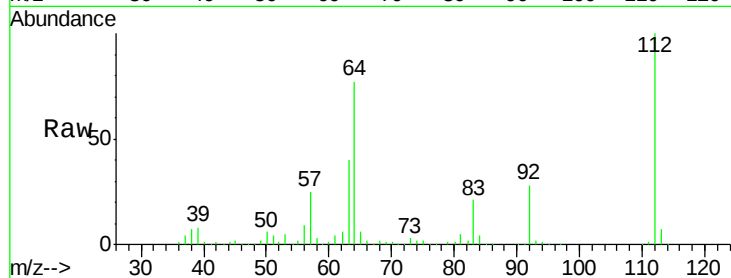
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD



Tgt Ion: 112 Resp: 438114

Ion Ratio Lower Upper

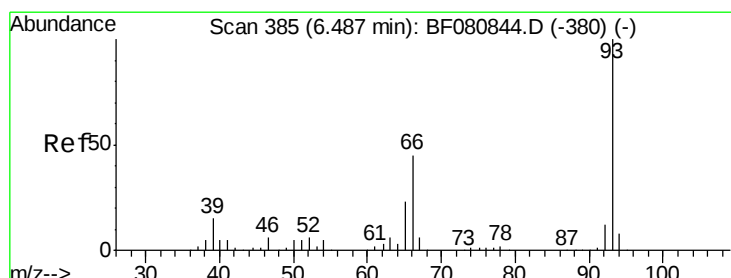
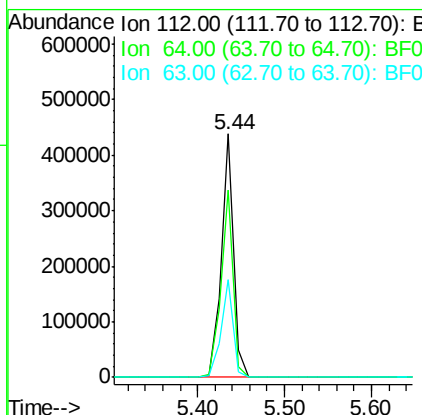
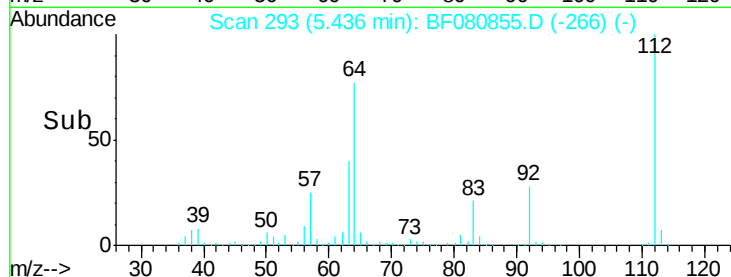
112 100

64 76.8 49.5 74.3#

63 39.9 25.3 37.9#

Manual Integrations
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#6

Aniline

Concen: 16.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

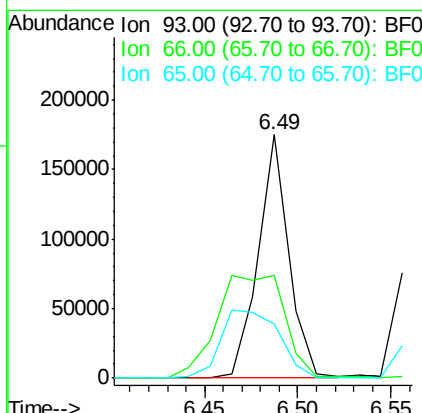
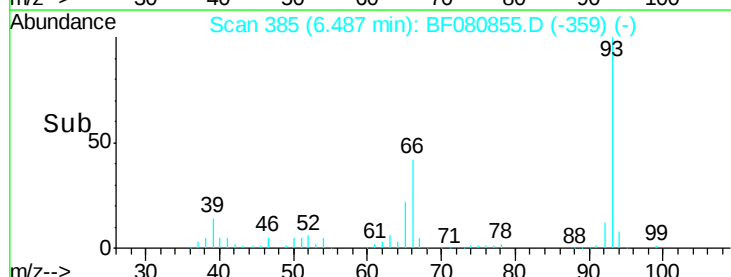
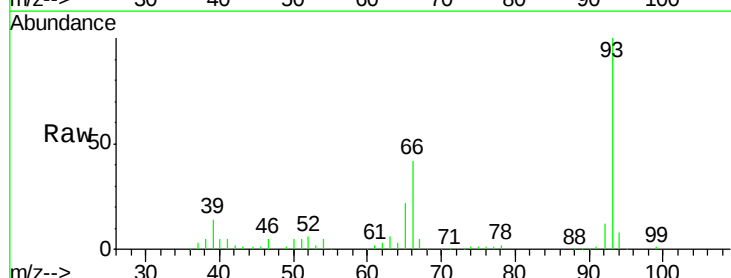
Tgt Ion: 93 Resp: 198177

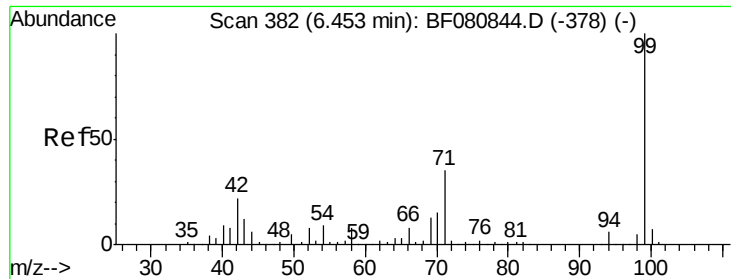
Ion Ratio Lower Upper

93 100

66 42.1 35.8 53.6

65 22.0 18.2 27.2





#7

Phenol-d6

Concen: 75.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080855.D

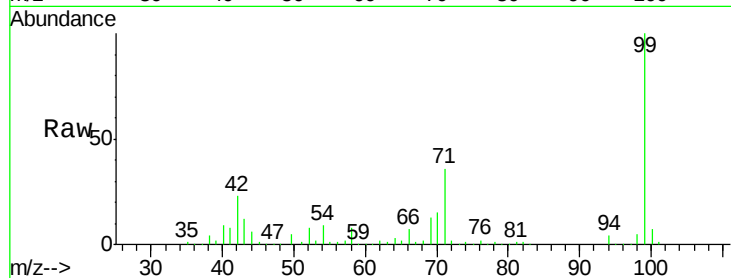
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

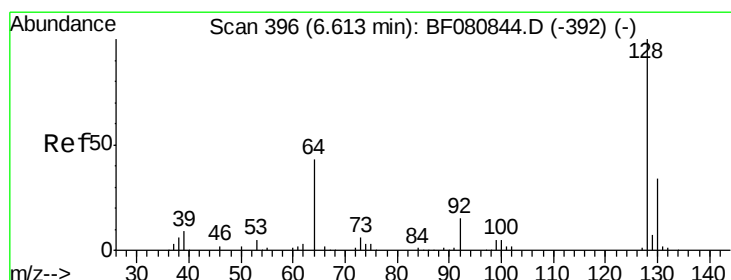
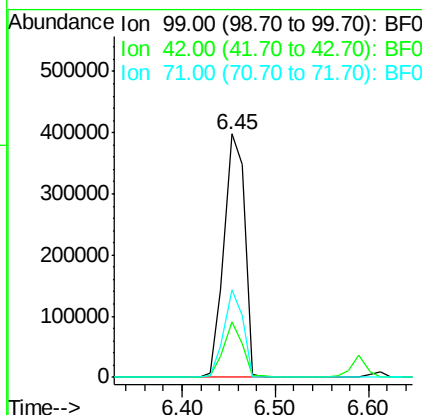
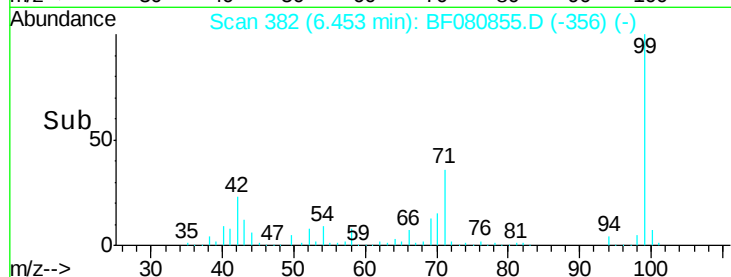
PB84838BSD



Tgt Ion:	99	Resp:	621522
Ion Ratio	Lower	Upper	
99	100		
42	22.7	17.9	26.9
71	35.7	28.2	42.4

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#8

2-Chlorophenol

Concen: 25.49 ng

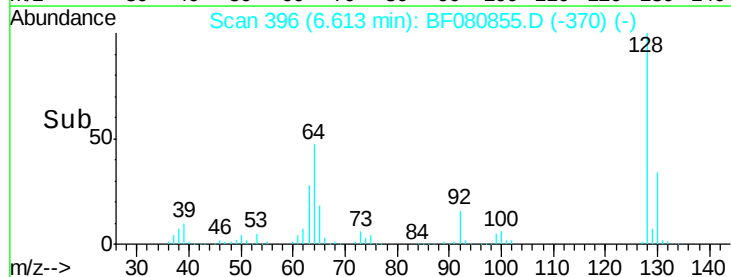
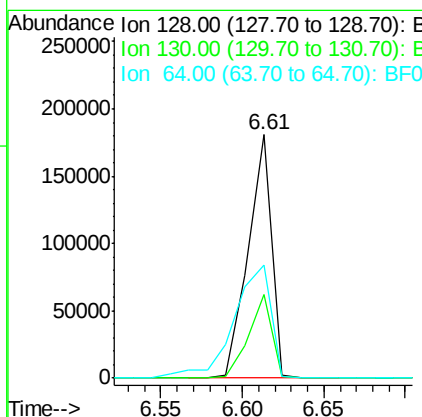
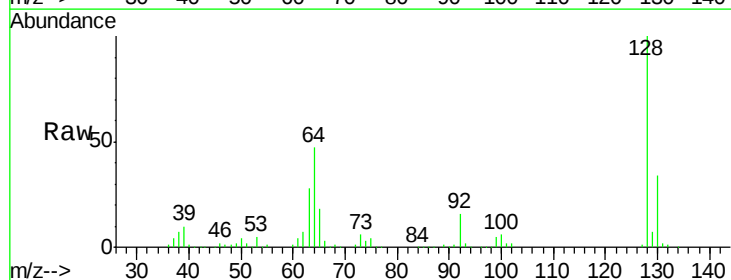
RT: 6.61 min Scan# 396

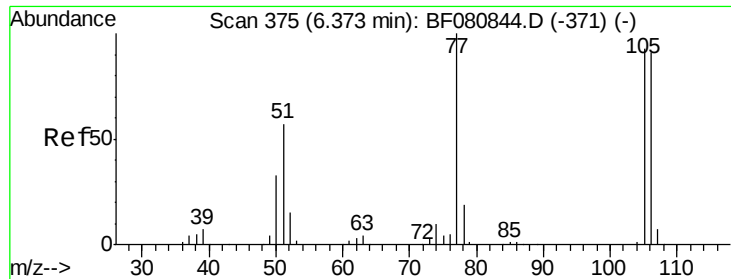
Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion:	128	Resp:	180061
Ion Ratio	Lower	Upper	
128	100		
130	34.3	13.9	53.9
64	46.7	26.2	66.2





#9

Benzaldehyde

Concen: 6.09 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF080855.D

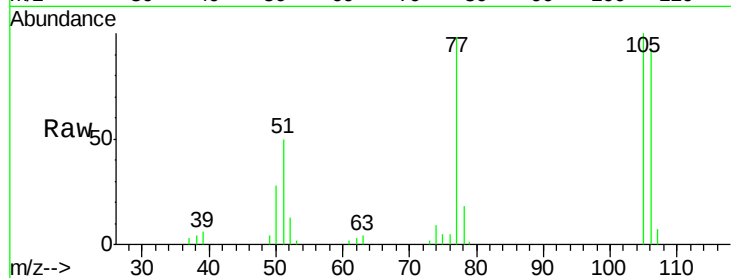
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD



Tgt Ion: 77 Resp: 35015

Ion Ratio Lower Upper

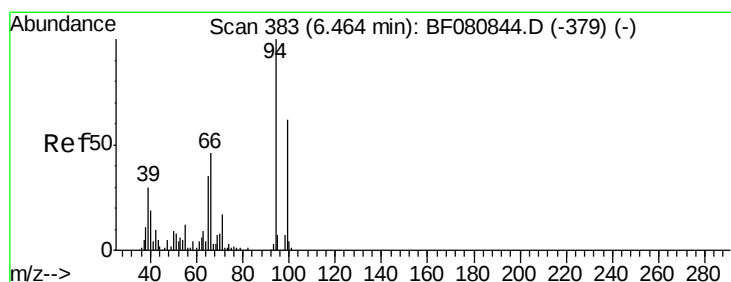
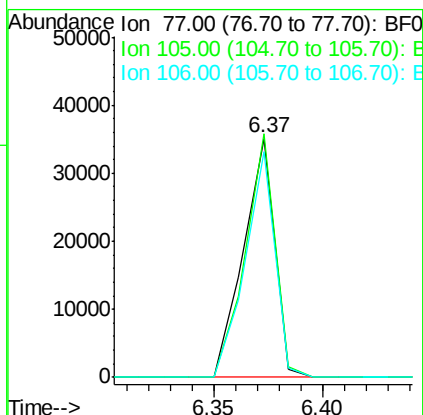
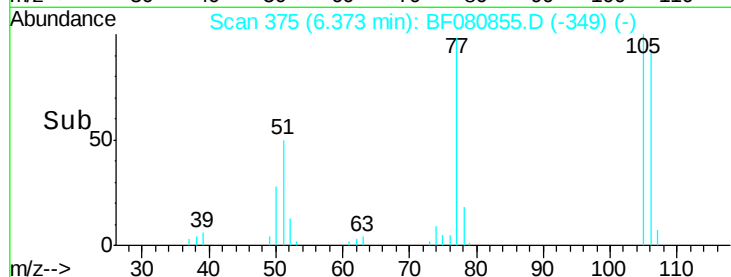
77 100

105 102.0 73.5 113.5

106 94.4 70.8 110.8

Manual Integrations
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MMDadoda
8/5/2015 7:01:05 PM



#10

Phenol

Concen: 21.78 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

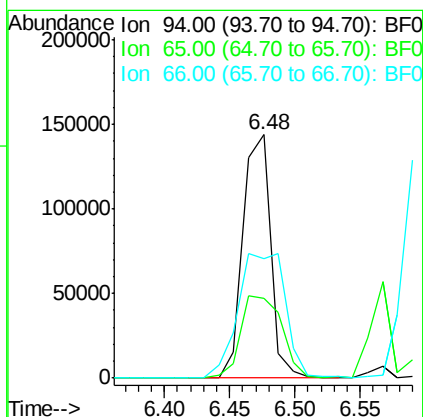
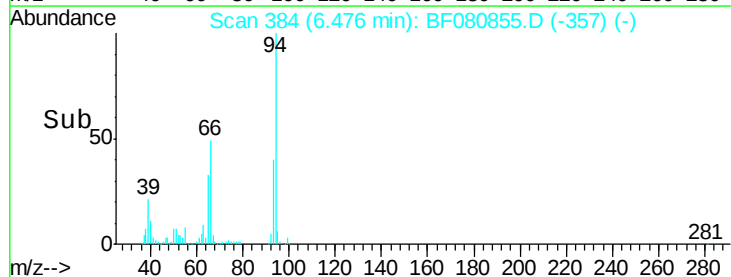
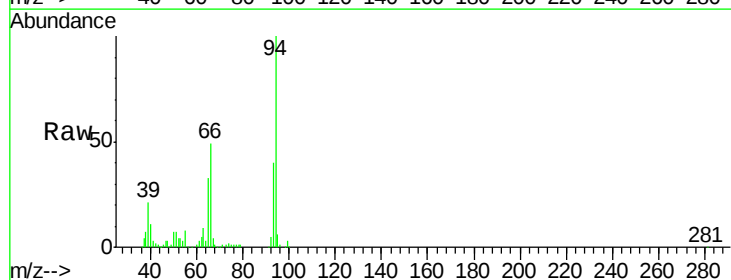
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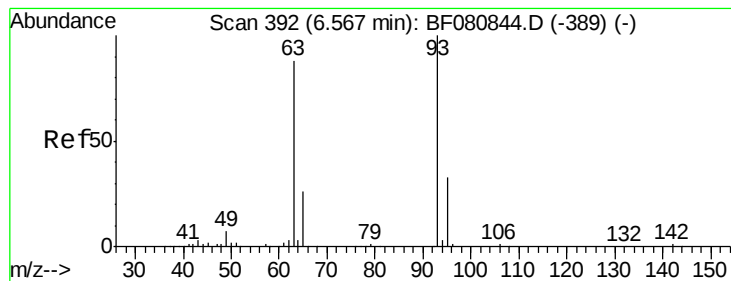
Ion Ratio Lower Upper

94 100

65 32.6 15.2 55.2

66 48.9 25.9 65.9





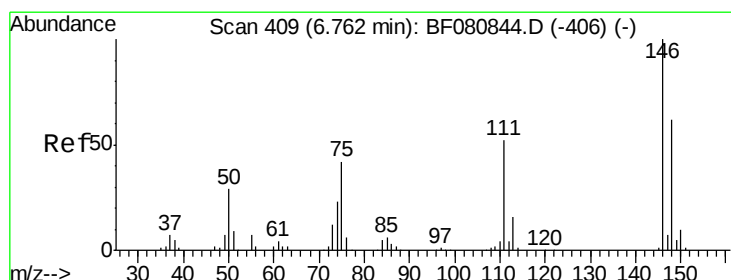
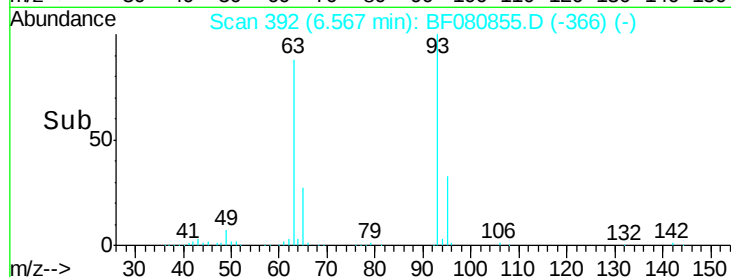
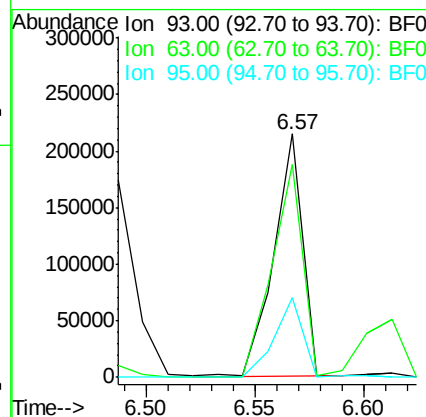
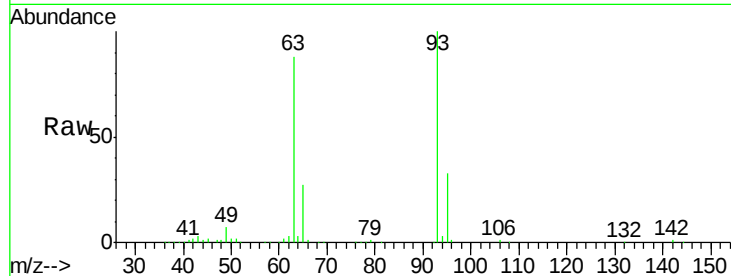
#11
bis(2-Chloroethyl)ether
Concen: 27.34 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200191		
63	87.6	67.6	107.6	
95	32.7	12.9	52.9	

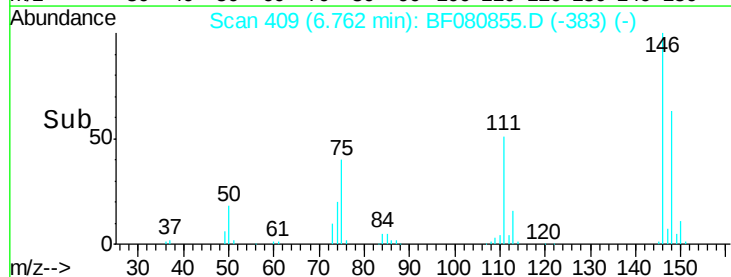
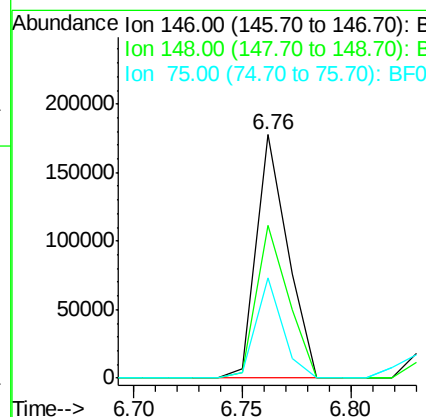
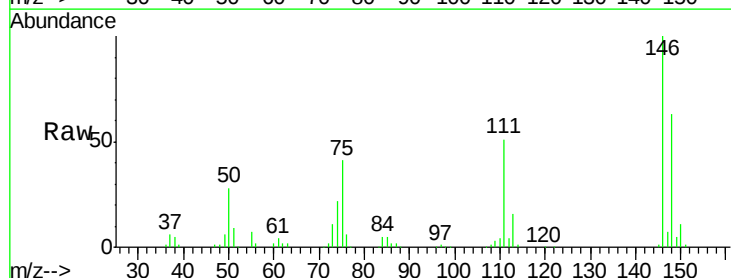
Manual Integrations
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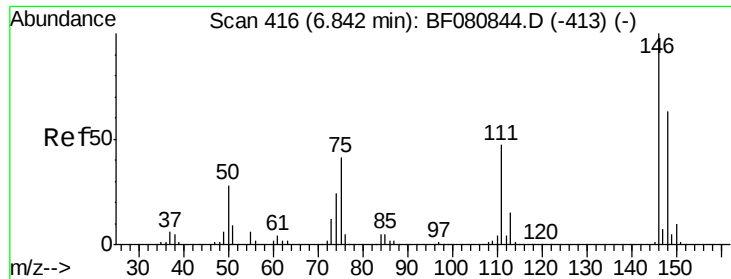
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 23.59 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	178557		
148	62.6	49.7	74.5	
75	41.2	33.5	50.3	





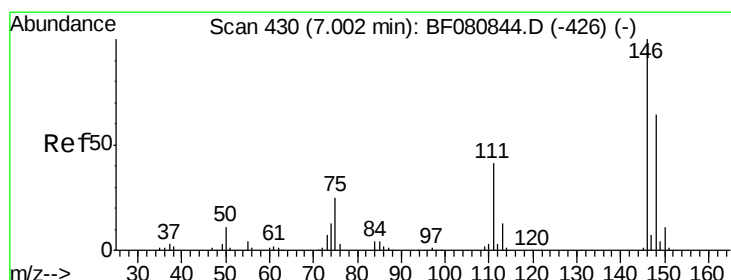
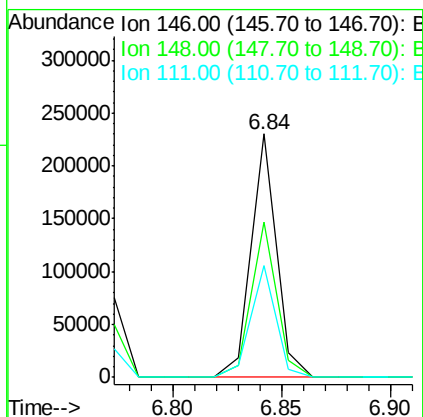
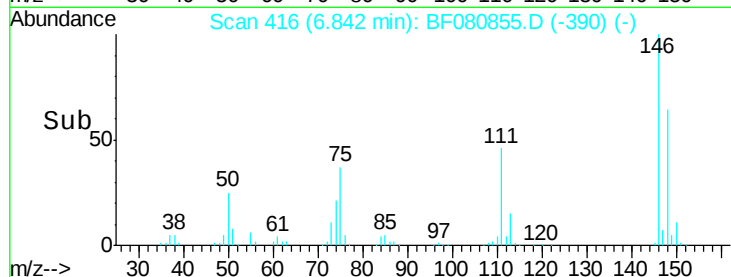
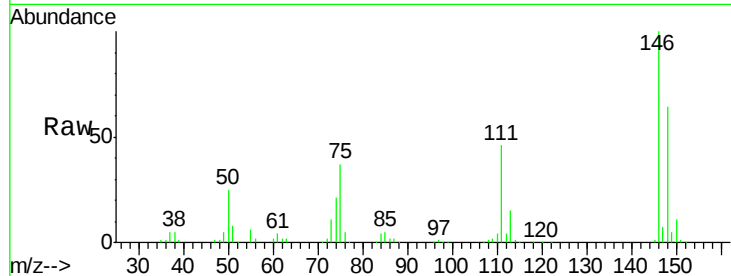
#13
 1,4-Dichlorobenzene
 Concen: 24.54 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
111	46.0	38.0	57.0

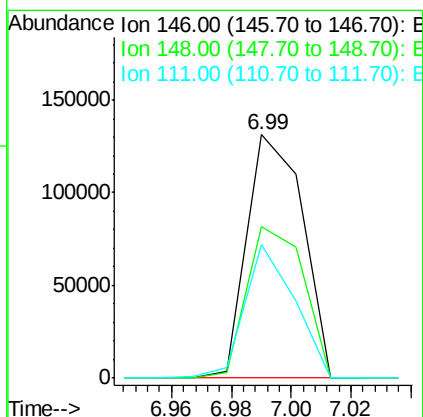
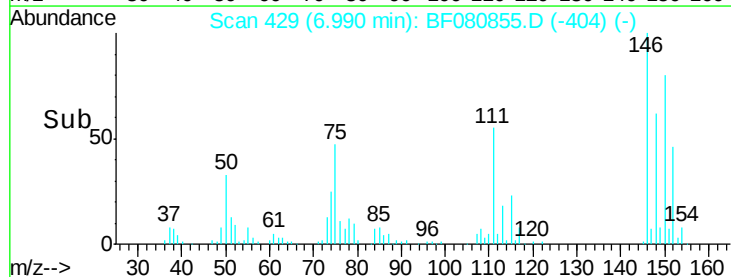
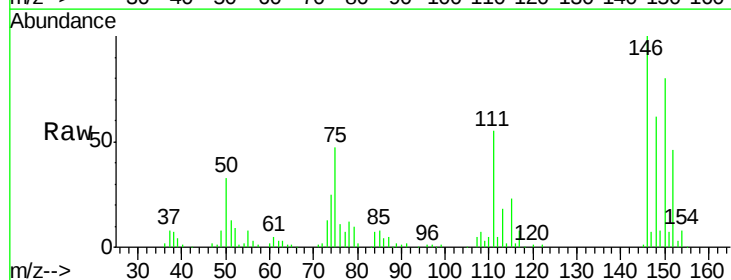
Manual Integrations
 APPROVED

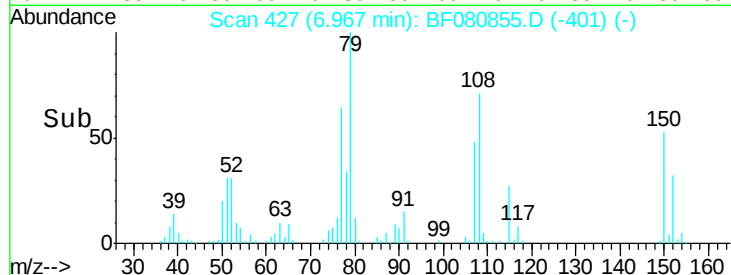
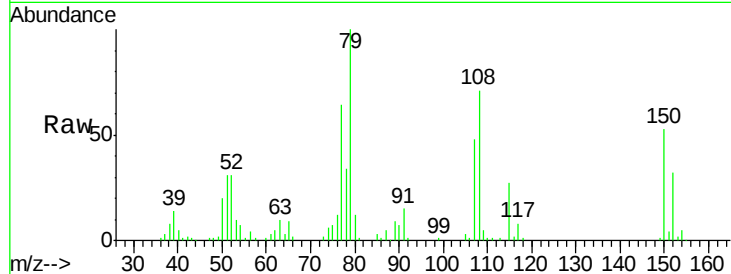
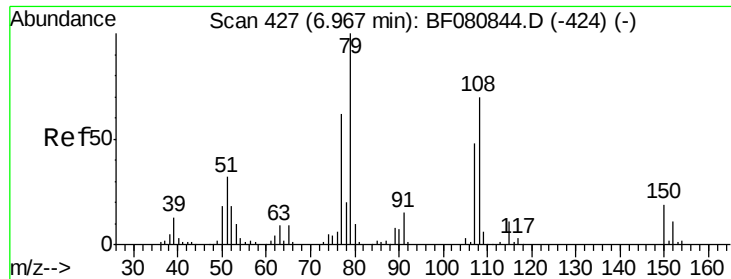
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#14
 1,2-Dichlorobenzene
 Concen: 23.51 ng m
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.6
111	54.6	32.7	49.1#





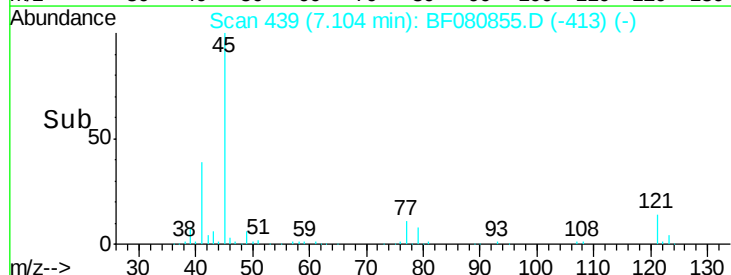
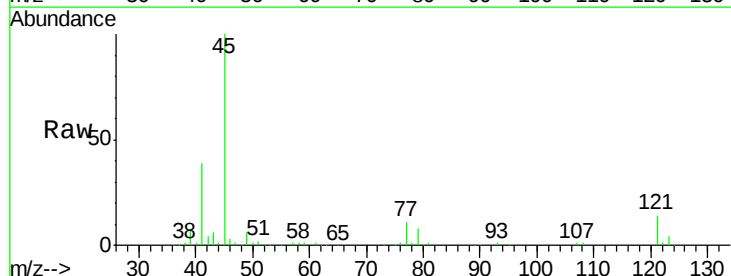
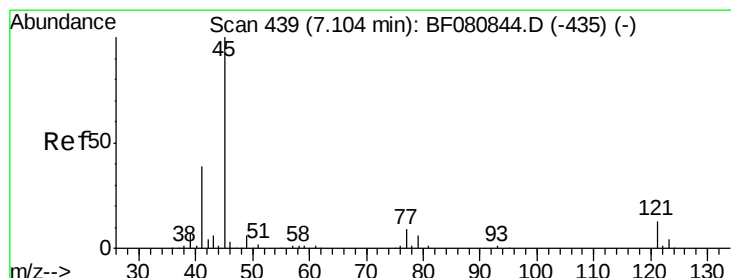
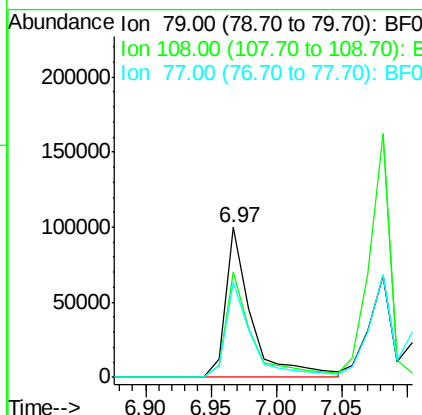
#15
Benzyl Alcohol
Concen: 25.72 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.6	55.9	83.9
77	63.9	49.4	74.2

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

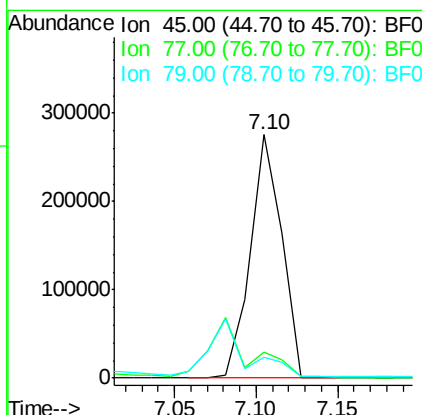
Manual Integrations
APPROVED

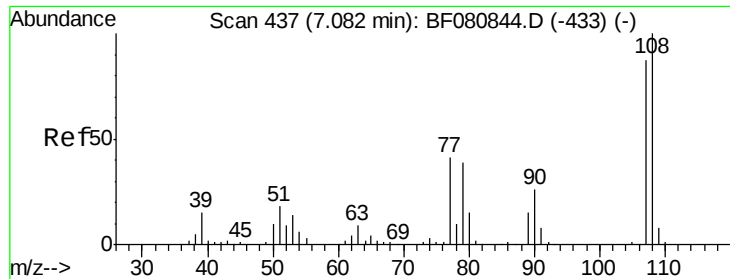
MMDadoda
8/5/2015 7:01:05 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.86 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

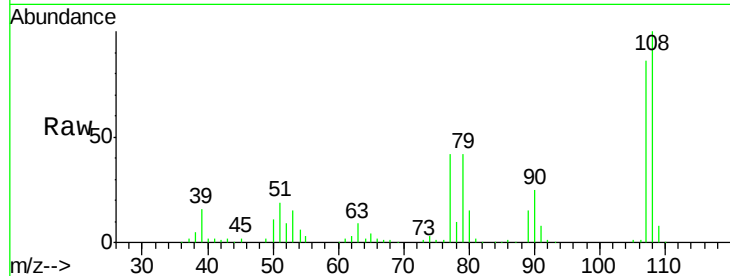
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.5
79	8.4	0.0	28.2





#17
2-Methylphenol
Concen: 25.39 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

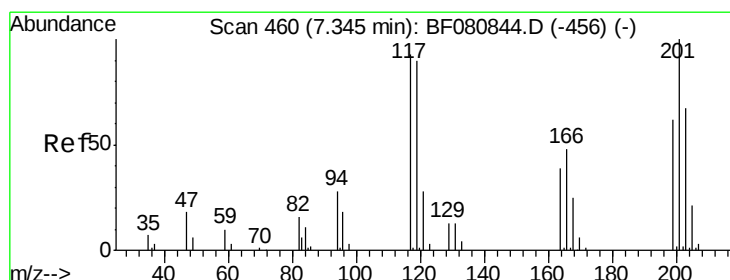
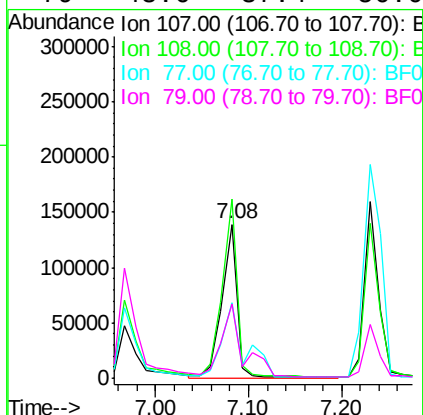
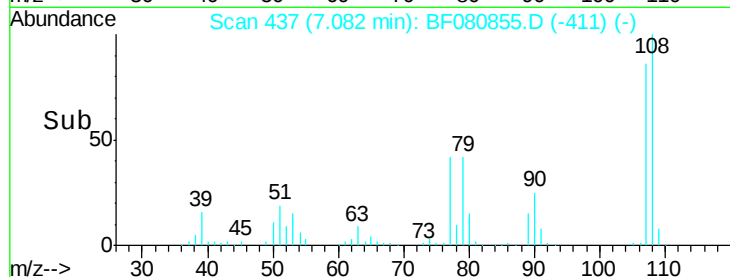
Instrument :
BNA_F
ClientSampleId :
PB84838BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	157100		
108	116.5	91.8	137.8	
77	49.1	38.2	57.2	
79	48.6	37.4	56.0	

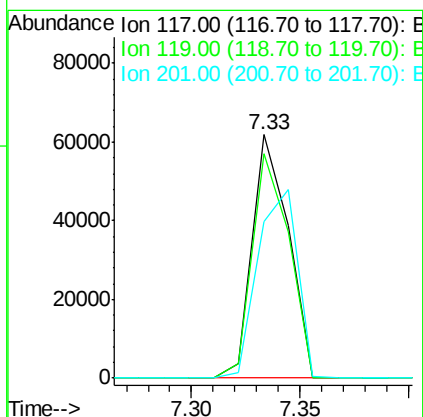
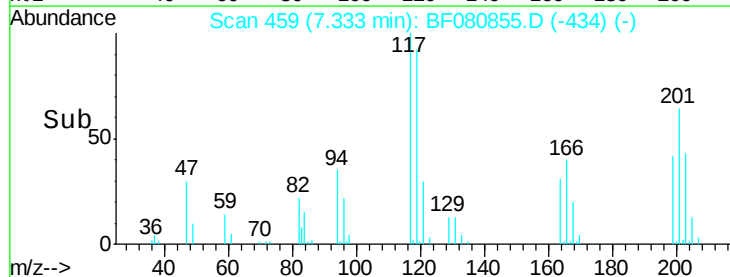
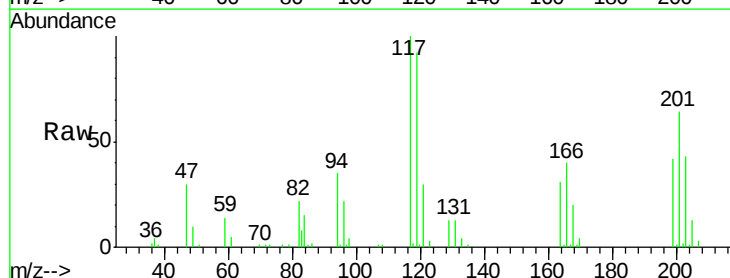
Manual Integrations
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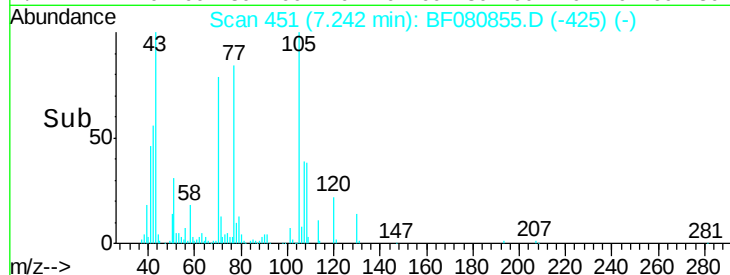
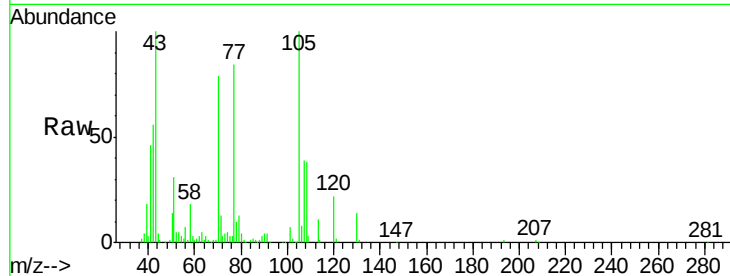
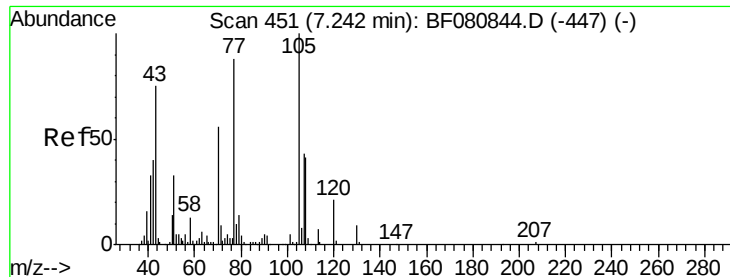
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#18
Hexachloroethane
Concen: 24.82 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71649		
119	92.3	77.4	116.0	
201	64.2	85.8	128.6	





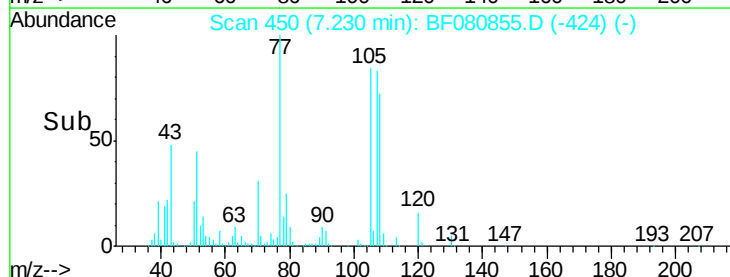
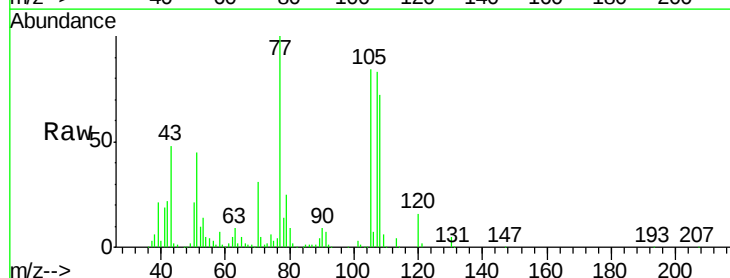
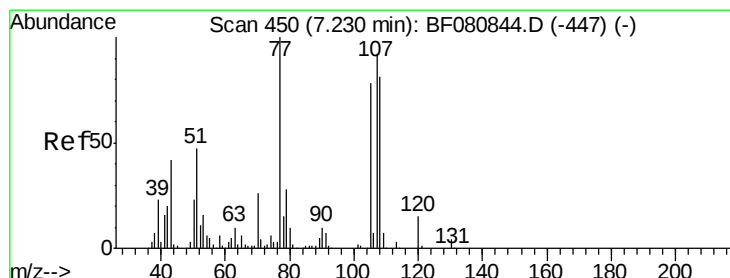
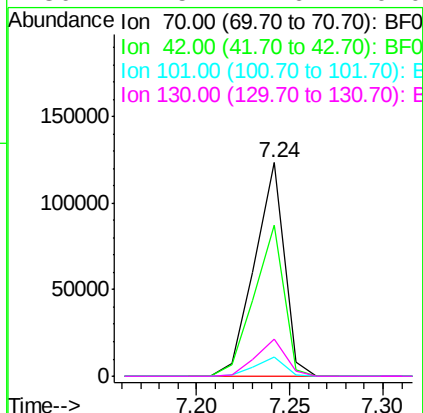
#19
n-Nitroso-di-n-propylamine
Concen: 25.65 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Manual Integrations
APPROVED

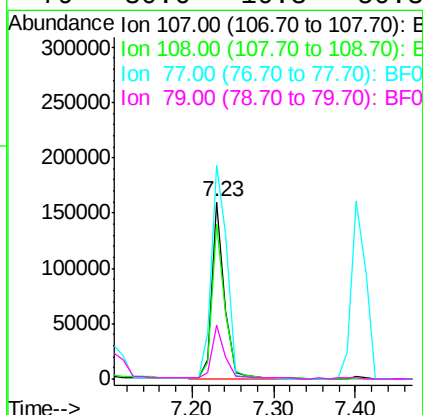
MMDadoda
8/5/2015 7:01:05 PM

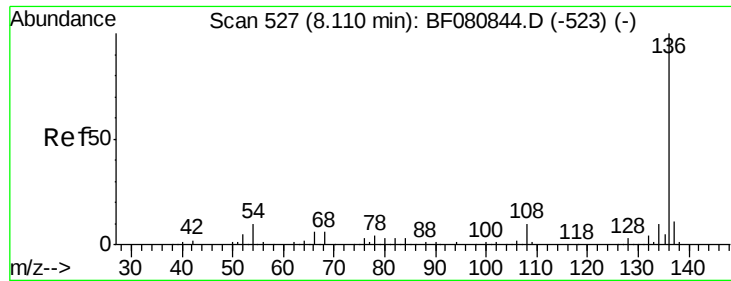
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	136598		
42	70.8	57.8	86.8	
101	8.8	6.7	10.1	
130	17.5	12.6	19.0	



#20
3+4-Methylphenols
Concen: 24.21 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	173648		
108	87.5	68.2	108.2	
77	120.9	88.5	128.5	
79	30.6	10.3	50.3	





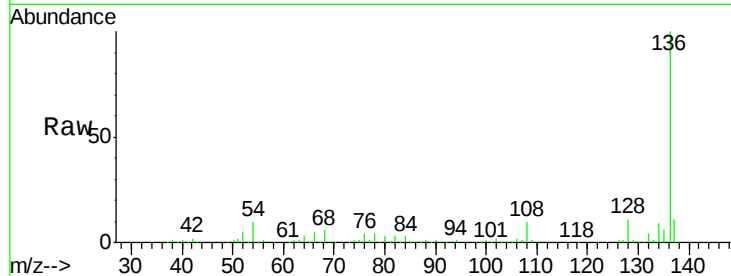
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.5	8.6	13.0
54	9.8	8.3	12.5
68	5.6	4.8	7.2

Manual Integrations
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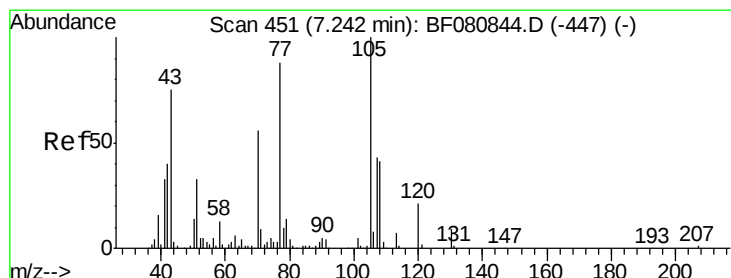
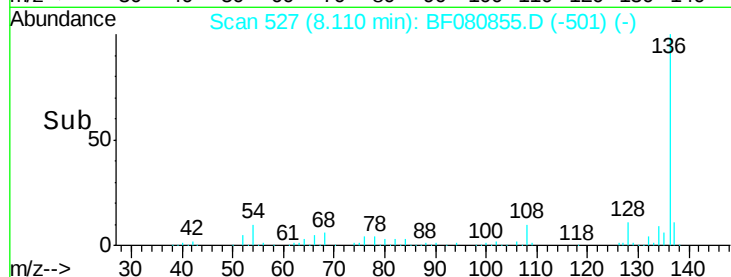
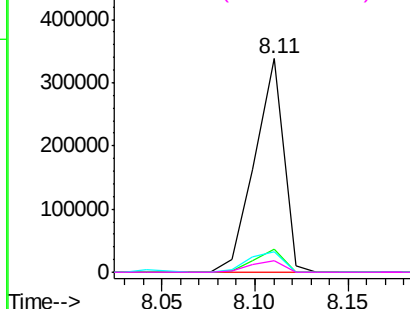
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 27.57 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.1	7.4	11.2#
51	53.4	26.5	39.7#
120	19.4	17.0	25.4

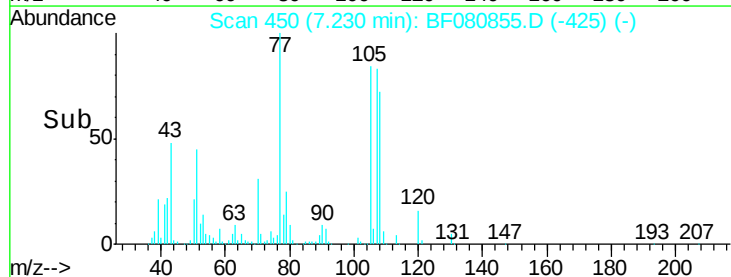
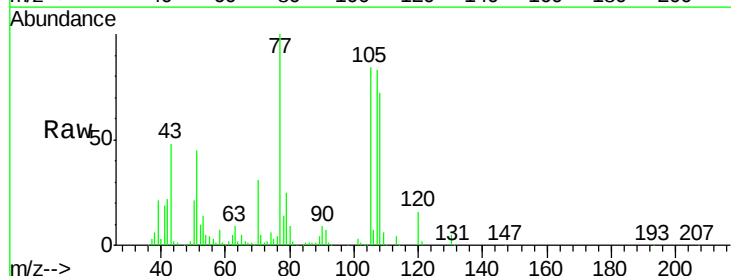
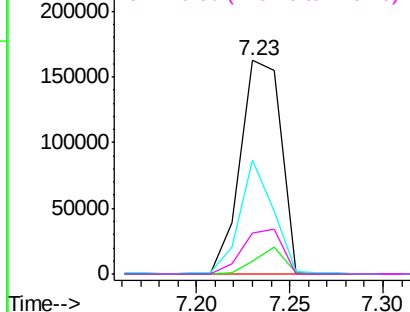
Abundance

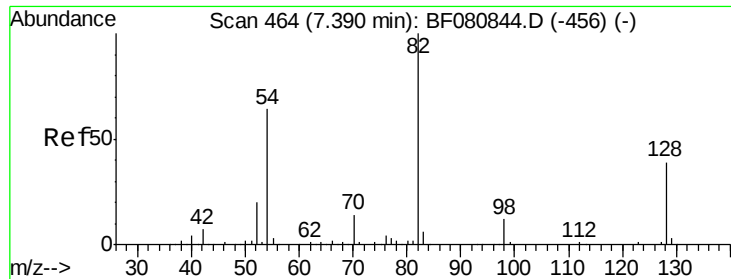
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





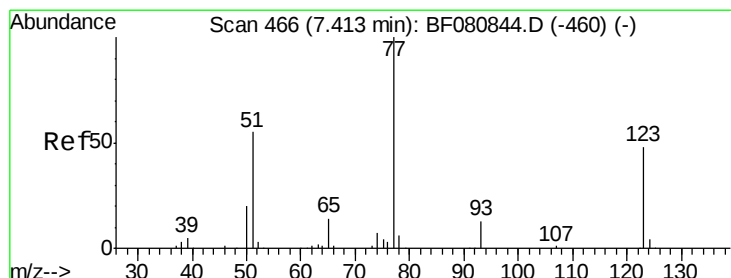
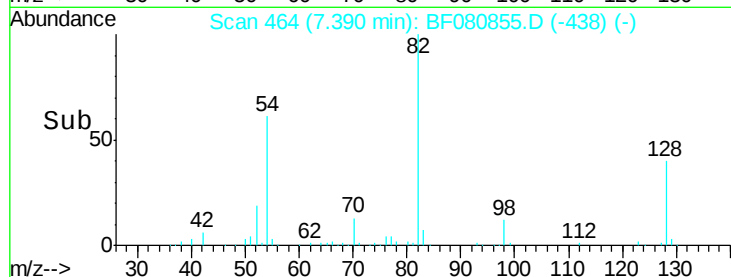
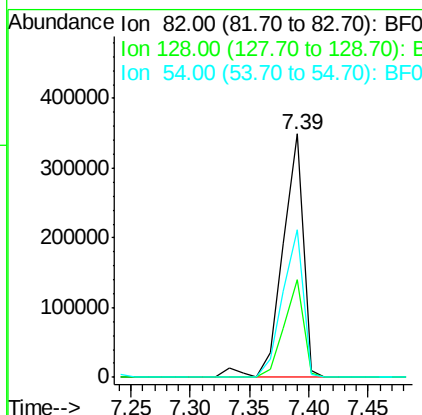
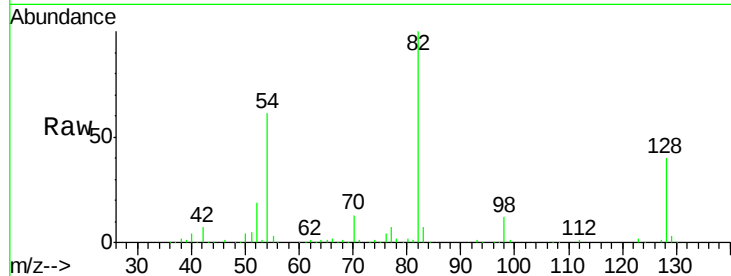
#23
Nitrobenzene-d5
Concen: 53.73 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	41585		
128	40.4	31.0	46.4	
54	60.7	51.0	76.6	

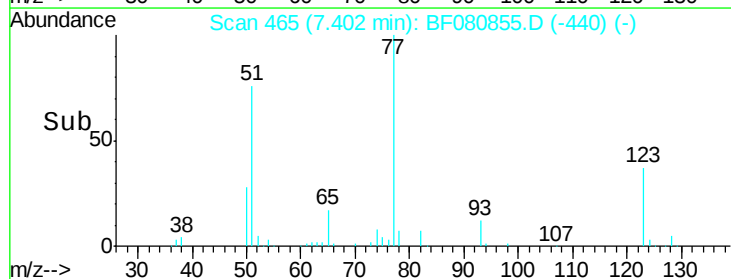
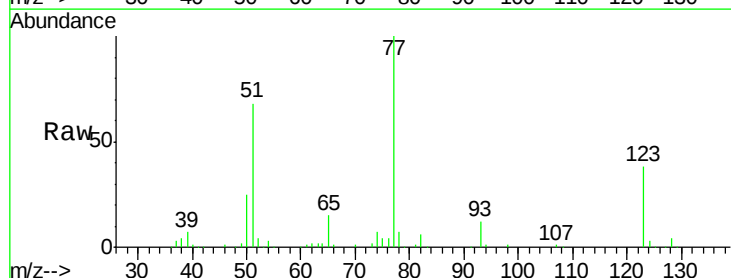
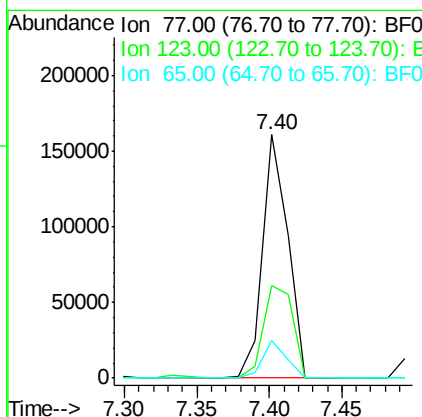
Manual Integrations
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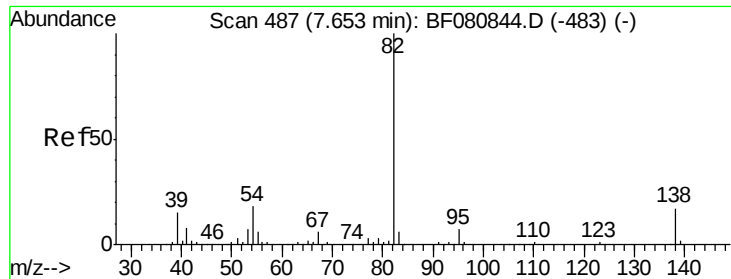
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#24
Nitrobenzene
Concen: 24.15 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	193732		
123	37.9	39.7	59.5#	
65	15.2	11.0	16.6	





#25

Isophorone

Concen: 26.98 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

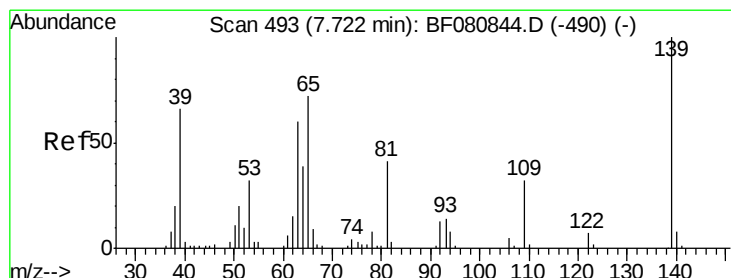
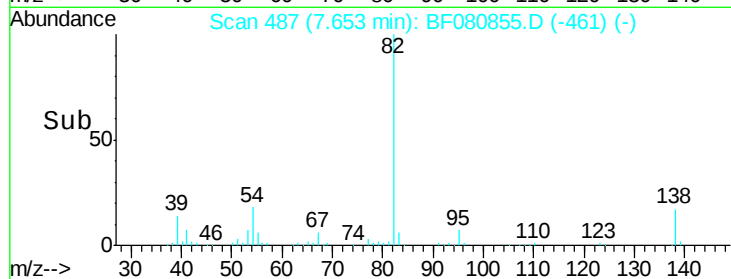
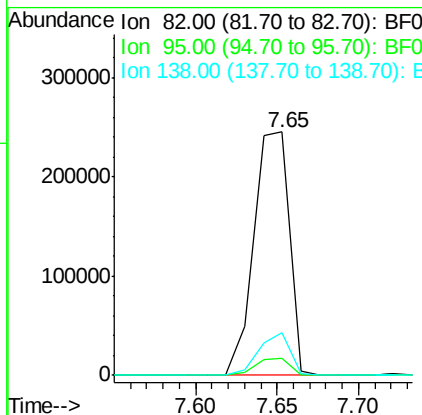
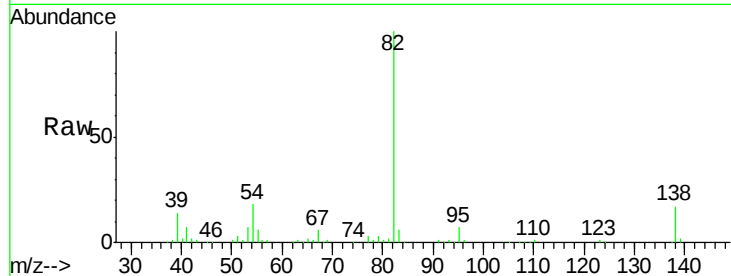
ClientSampleId :

PB84838BSD

Tgt Ion:	82	Resp:	369789
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	17.4	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.96 ng m

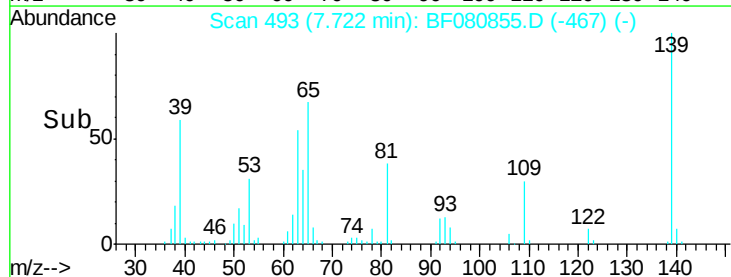
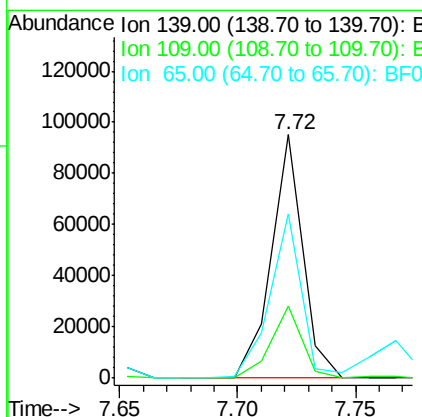
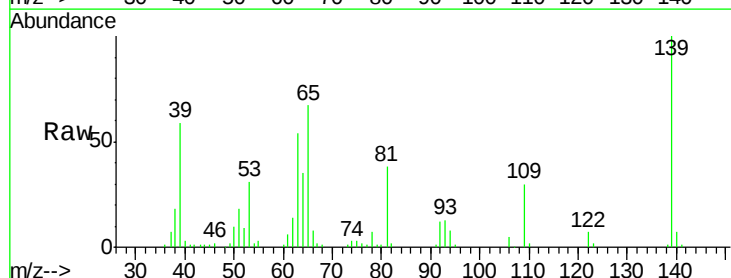
RT: 7.72 min Scan# 493

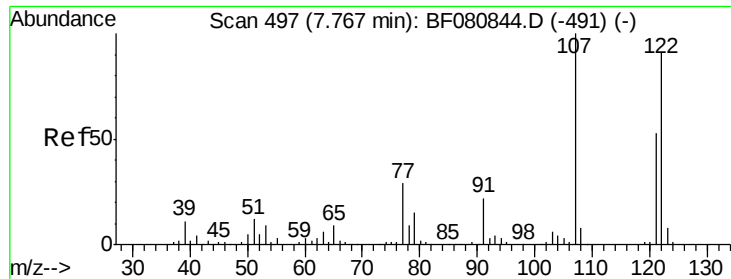
Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion:	139	Resp:	88729
Ion Ratio	Lower	Upper	
139	100		
109	29.8	25.2	37.8
65	67.4	57.3	85.9





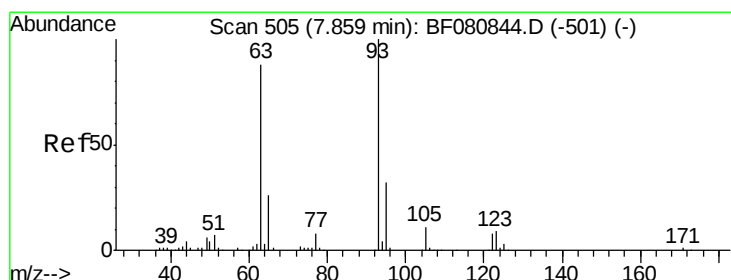
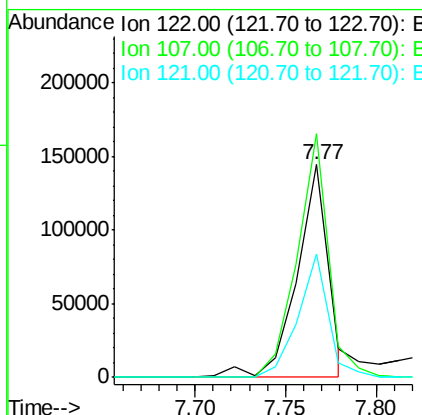
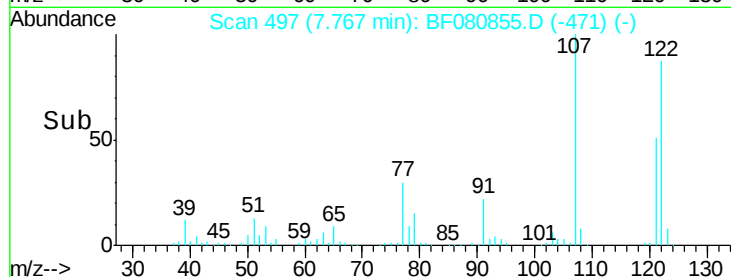
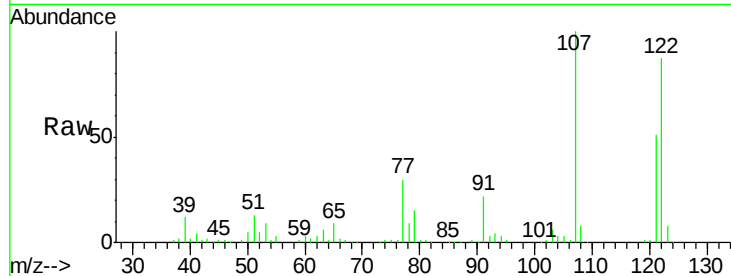
#27
 2,4-Dimethylphenol
 Concen: 27.98 ng m
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	171453		
107	114.7	88.2	132.4	
121	58.0	46.8	70.2	

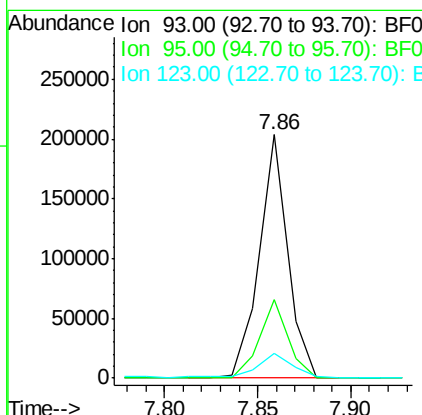
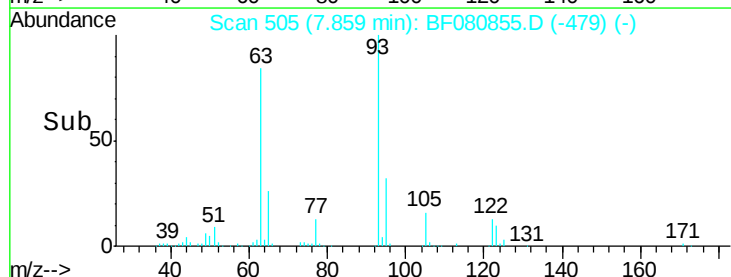
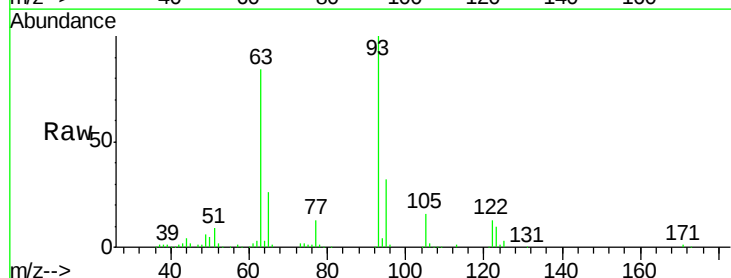
Manual Integrations
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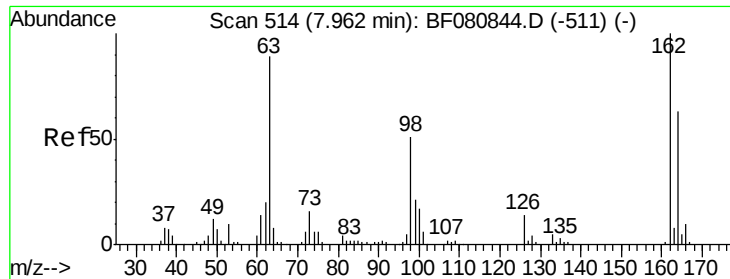
MMDadoda
 8/5/2015 7:01:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.38 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213867		
95	32.5	25.9	38.9	
123	10.1	7.9	11.9	





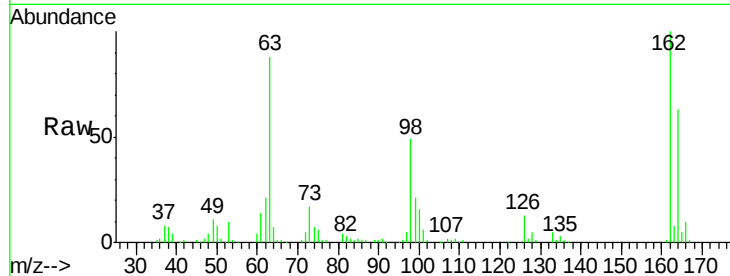
#29
 2,4-Dichlorophenol
 Concen: 26.03 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

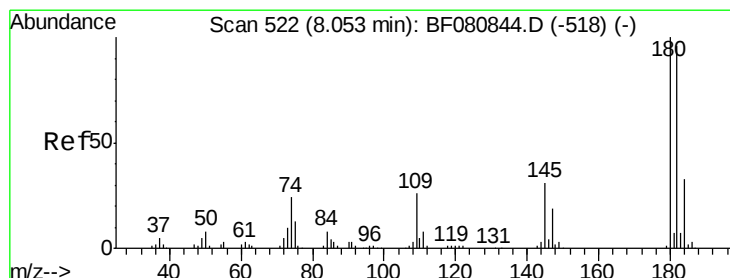
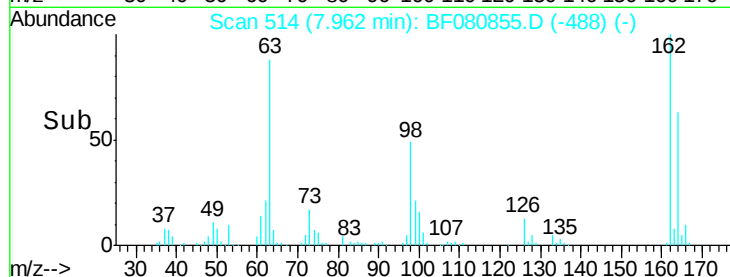
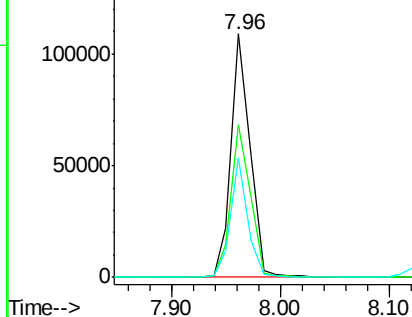
Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:01:05 PM

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	131658		
164	62.6	43.1	83.1	
98	49.1	31.3	71.3	

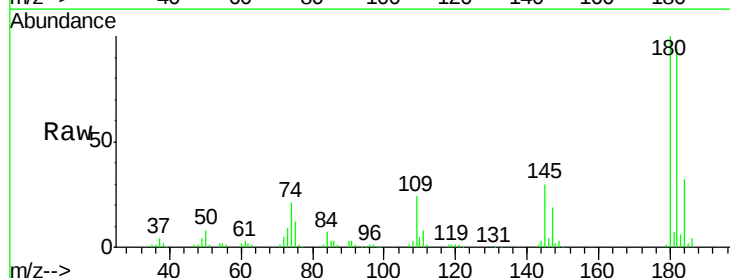


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

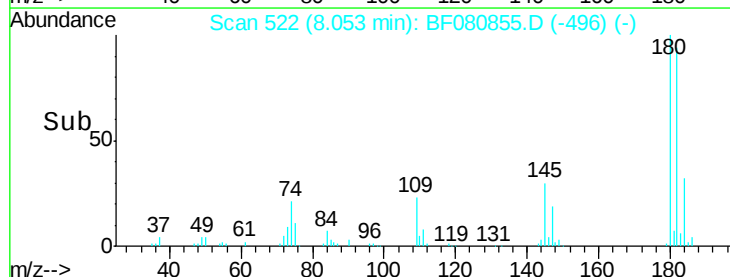
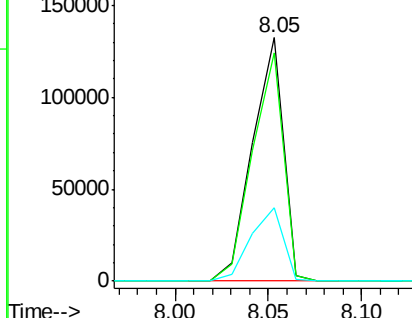


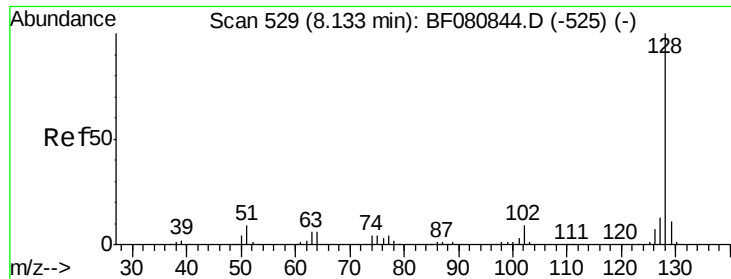
#30
 1,2,4-Trichlorobenzene
 Concen: 26.30 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	151387		
182	93.8	77.0	115.4	
145	30.0	25.1	37.7	



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





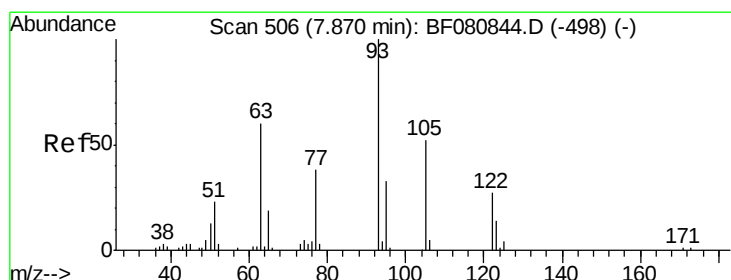
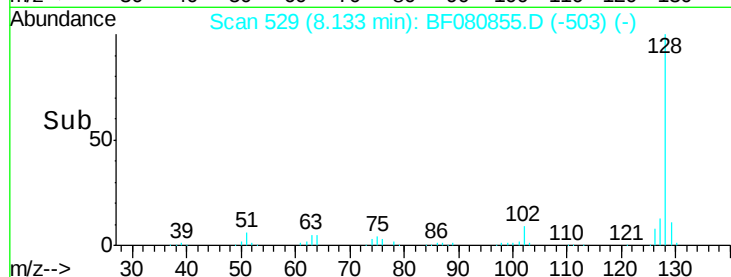
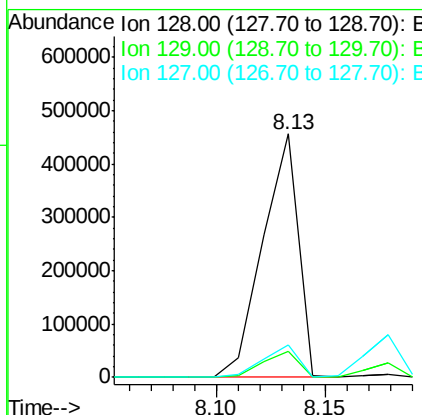
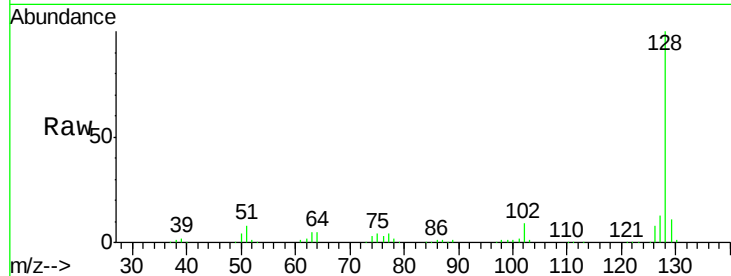
#31
Naphthalene
Concen: 26.37 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.6	15.8

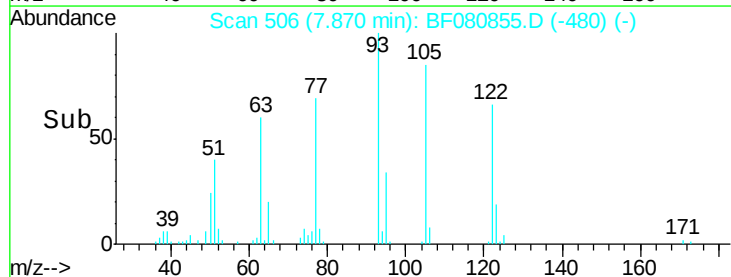
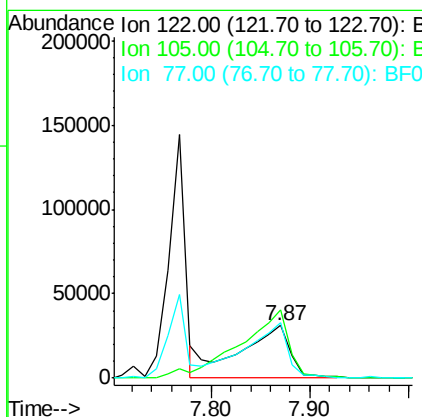
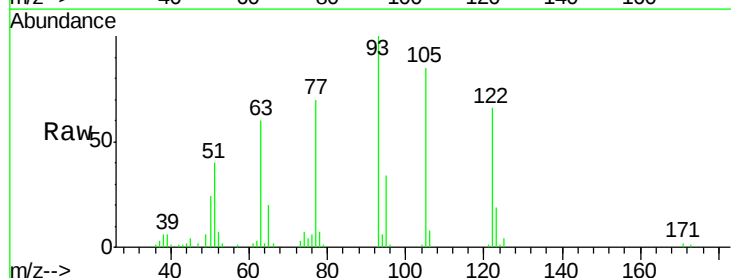
Manual Integrations
APPROVED

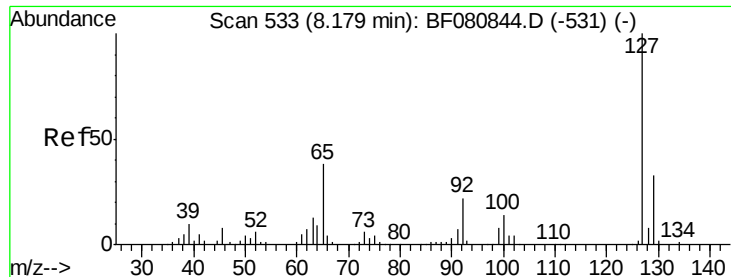
MMDadoda
8/5/2015 7:01:05 PM



#32
Benzoic acid
Concen: 27.69 ng m
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	129.1	110.1	150.1
77	105.5	83.6	123.6





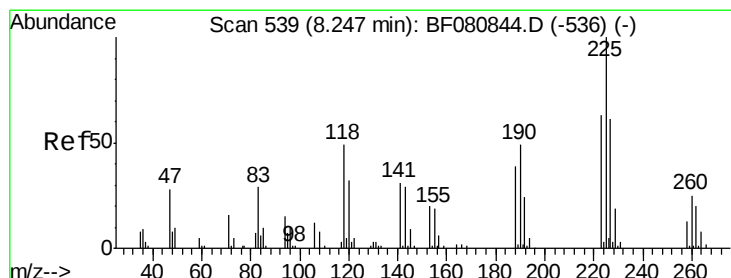
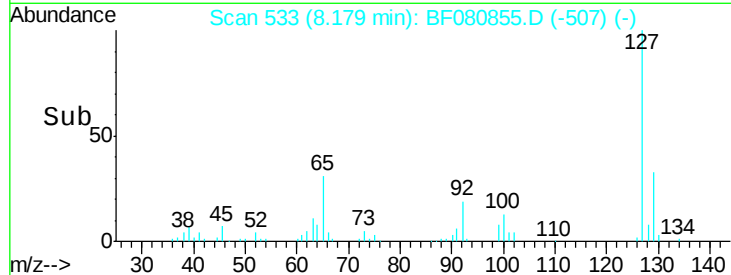
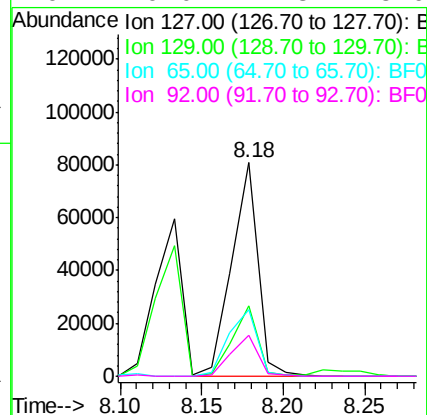
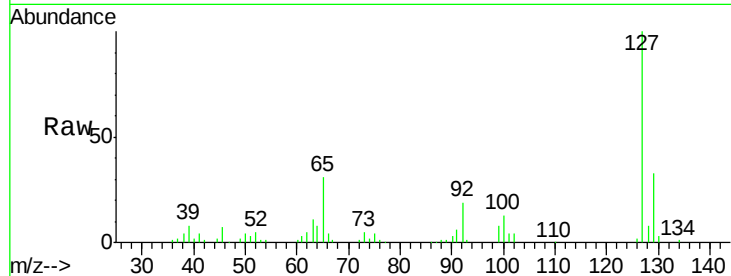
#33
 4-Chloroaniline
 Concen: 11.52 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89451		
129	33.1	26.2	39.2	
65	31.5	30.3	45.5	
92	19.0	17.3	25.9	

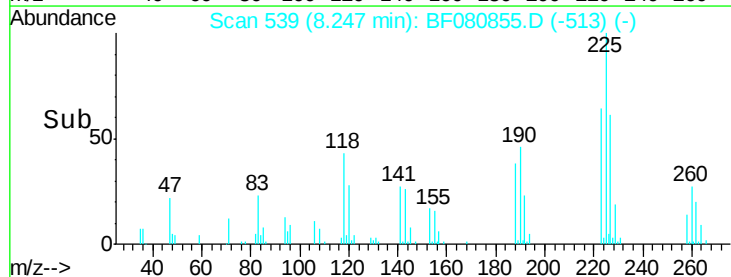
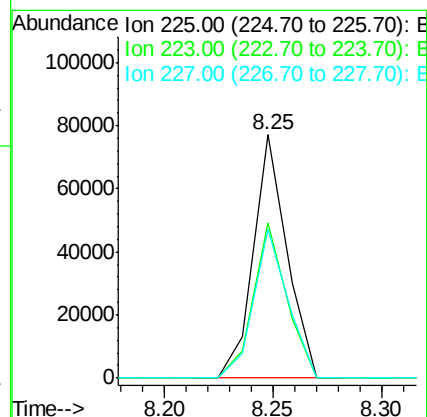
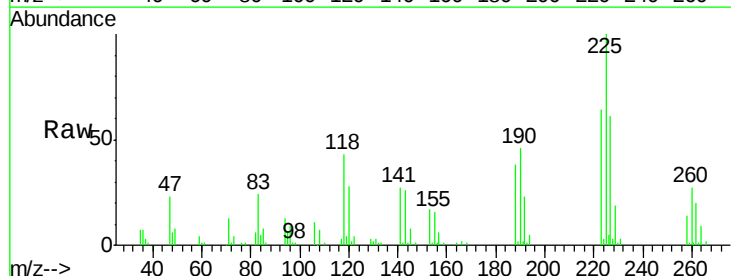
Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:01:05 PM



#34
 Hexachlorobutadiene
 Concen: 25.23 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82766		
223	63.6	50.0	75.0	
227	61.0	48.5	72.7	





#35

Caprolactam

Concen: 26.92 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080855.D

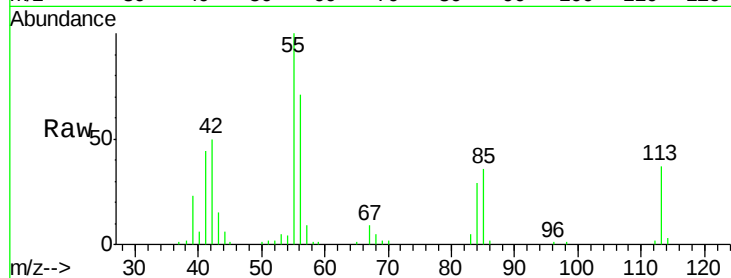
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD



Tgt Ion:113 Resp: 38878

Ion Ratio Lower Upper

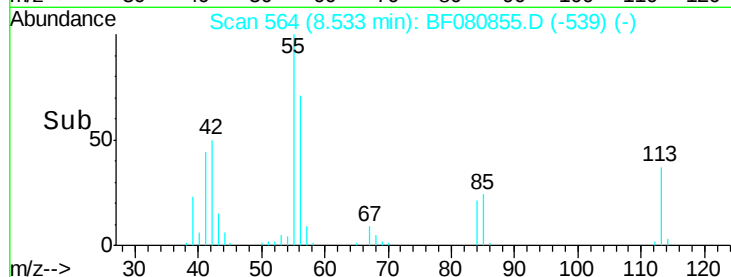
113 100

55 270.3 236.2 276.2

56 191.4 165.2 205.2

Manual Integrations
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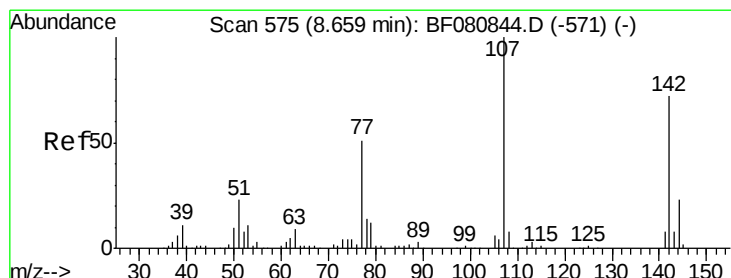
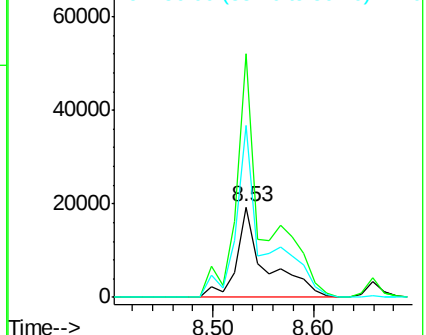
MMDadoda
8/5/2015 7:01:05 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 27.00 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

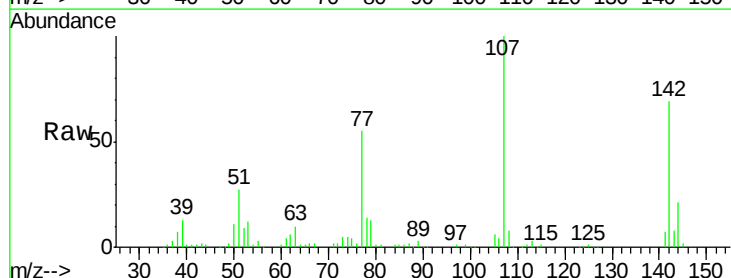
Tgt Ion:107 Resp: 149816

Ion Ratio Lower Upper

107 100

144 21.3 18.3 27.5

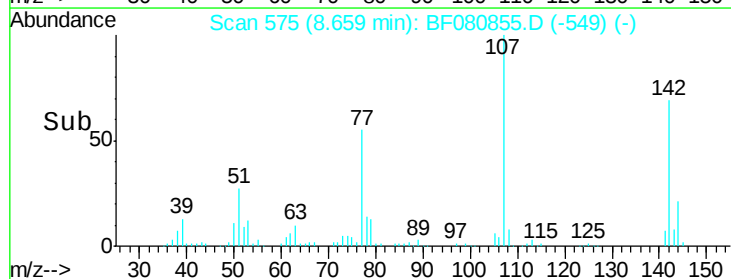
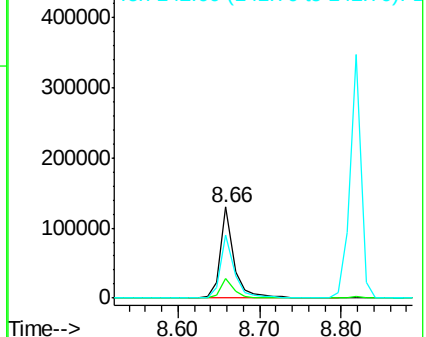
142 69.1 57.8 86.8

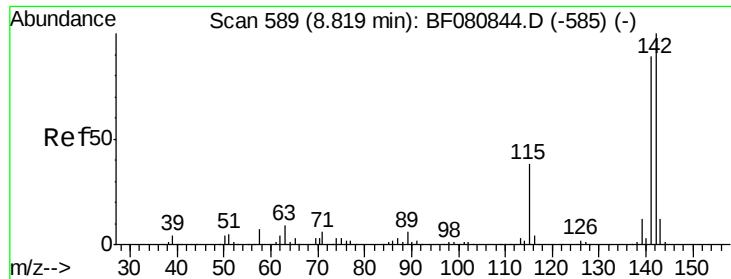


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





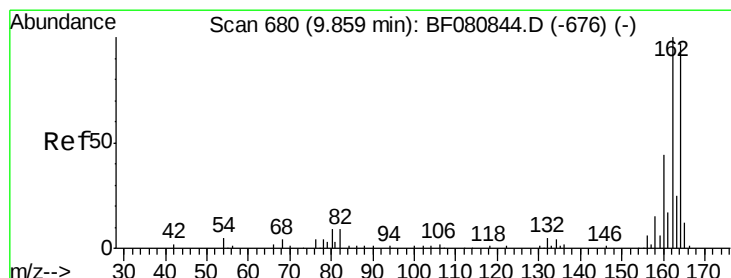
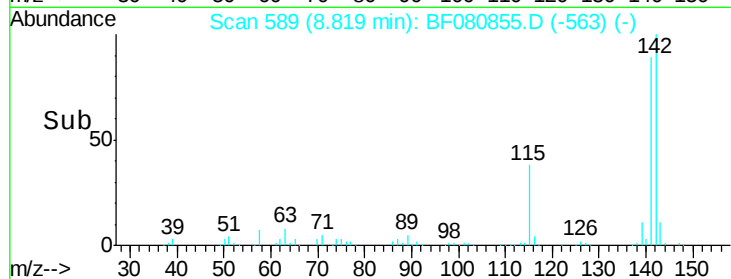
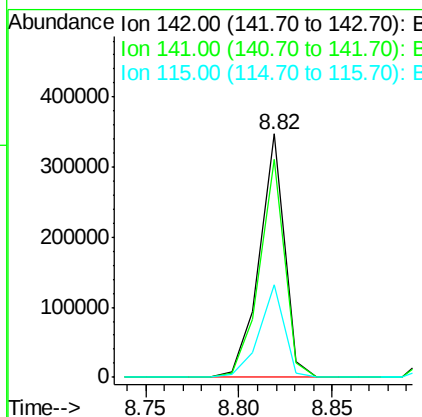
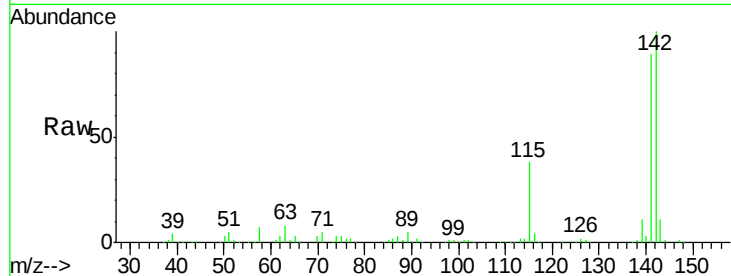
#37
 2-Methylnaphthalene
 Concen: 27.18 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	323351		
141	89.5	71.5	107.3	
115	38.2	30.5	45.7	

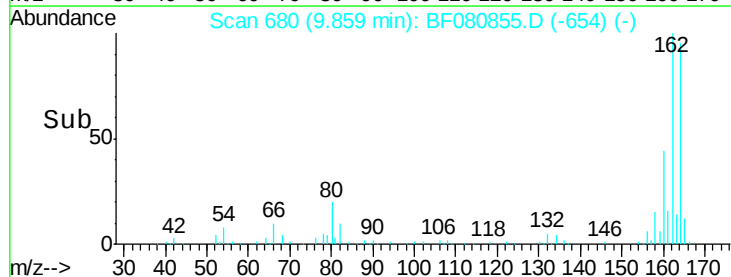
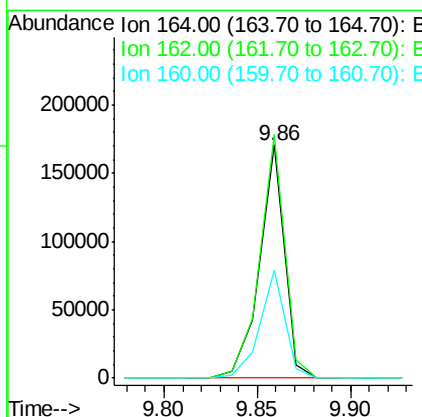
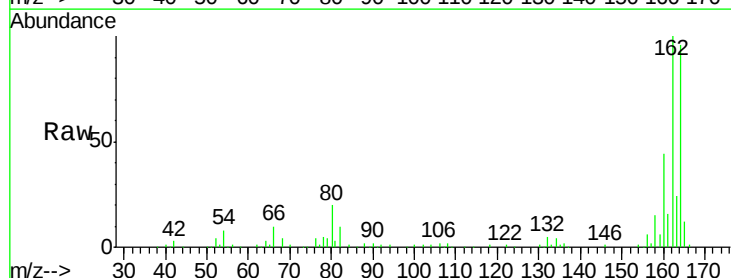
Manual Integrations
 APPROVED

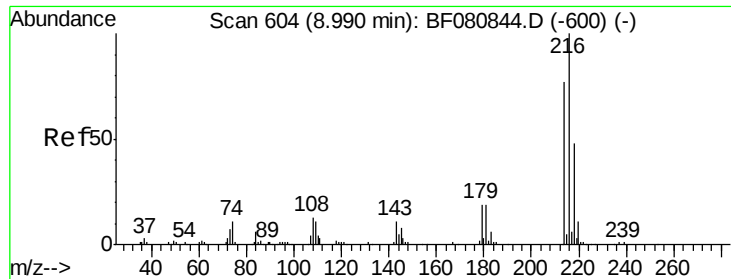
MMDadoda
 8/5/2015 7:01:05 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156564		
162	104.6	82.9	124.3	
160	46.4	36.6	54.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.41 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

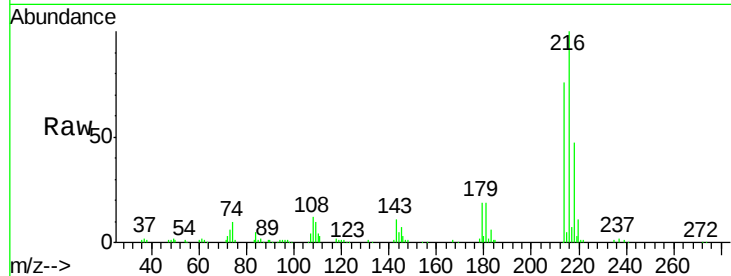
ClientSampleId :

PB84838BSD

Manual Integrations
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8/5/2015 7:01:05 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	130420		
214	78.6	62.1	93.1	
179	21.4	17.0	25.6	
108	22.8	16.5	24.7	

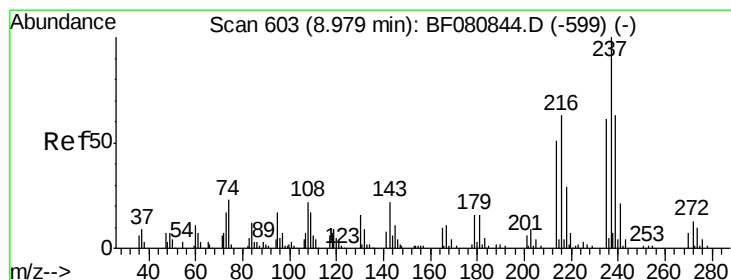
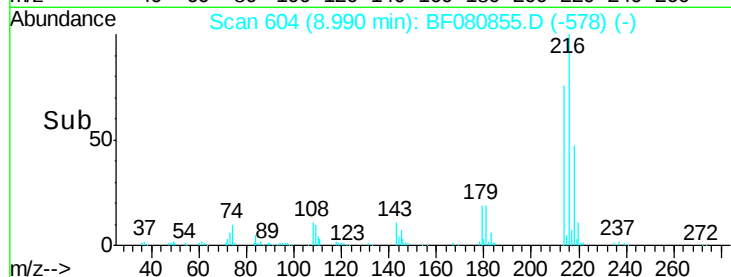
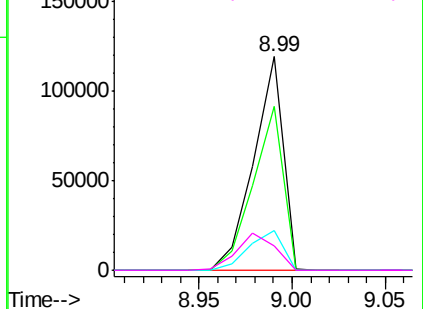


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.53 ng

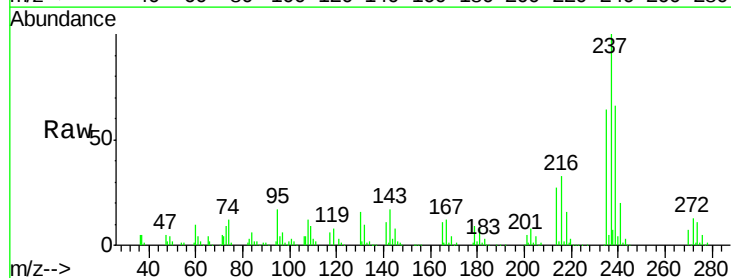
RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

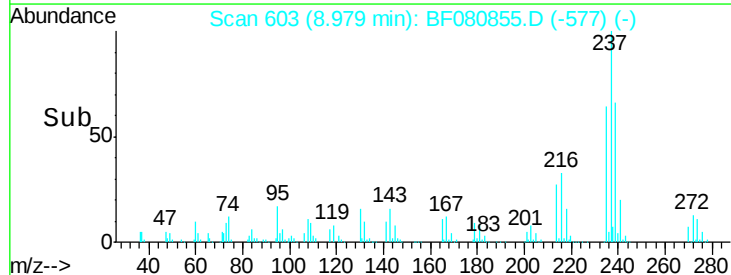
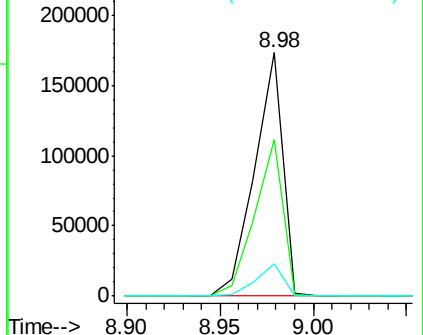
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	184593		
235	64.3	40.9	80.9	
272	13.2	0.0	33.1	

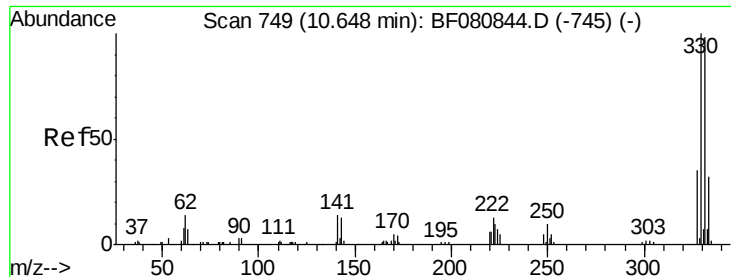


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





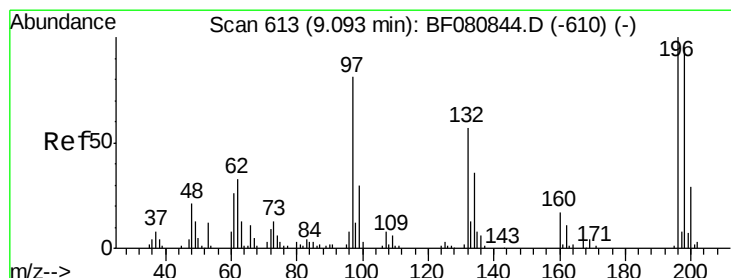
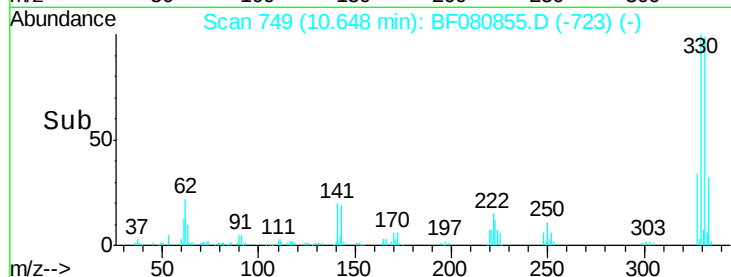
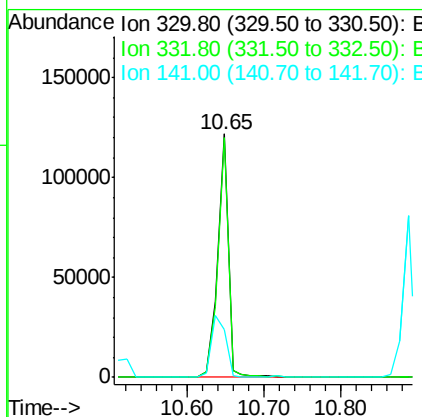
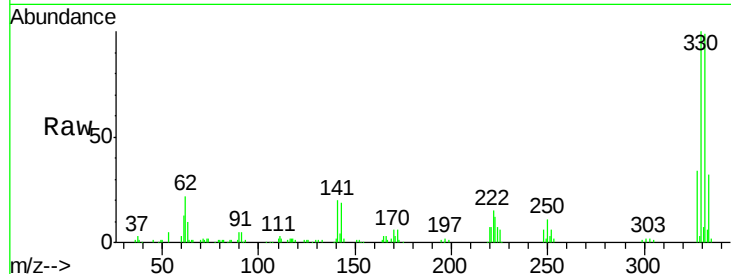
#41
 2,4,6-Tribromophenol
 Concen: 78.43 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	118419		
332	96.9	77.8	116.8	
141	34.5	28.4	42.6	

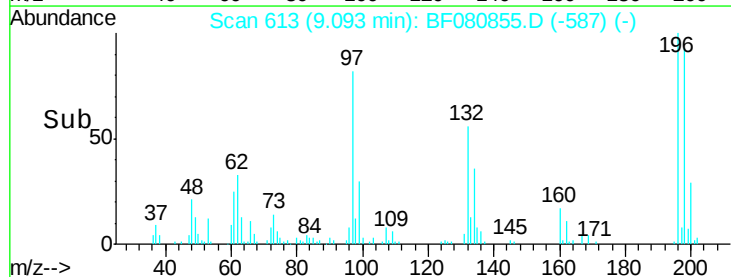
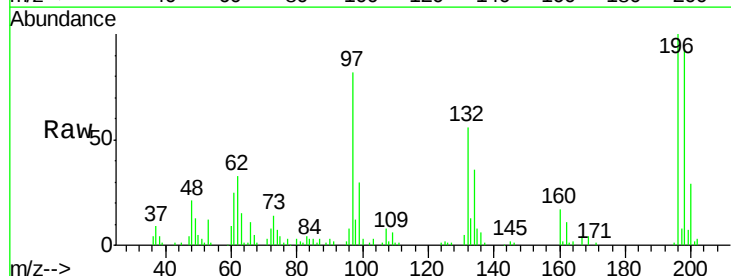
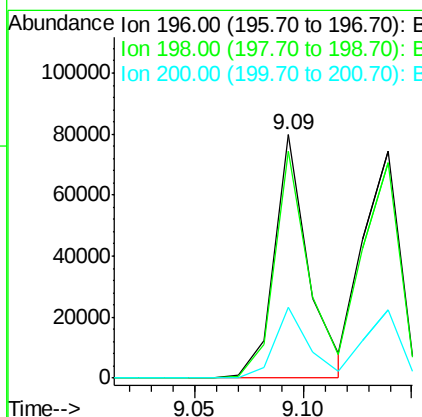
Manual Integrations
 APPROVED

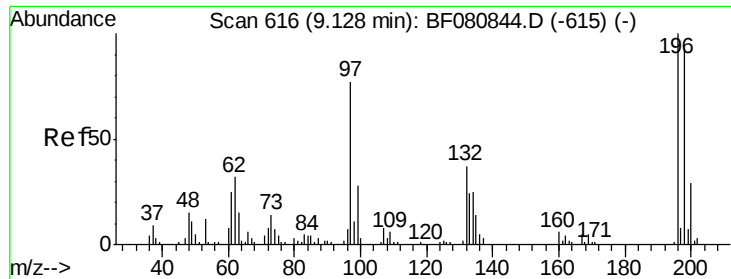
MMDadoda
 8/5/2015 7:01:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 24.09 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87232		
198	93.1	76.4	114.6	
200	29.3	23.1	34.7	





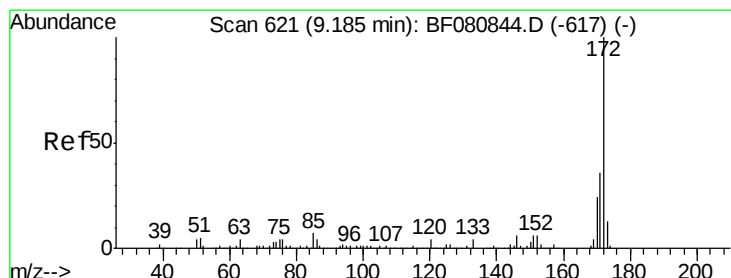
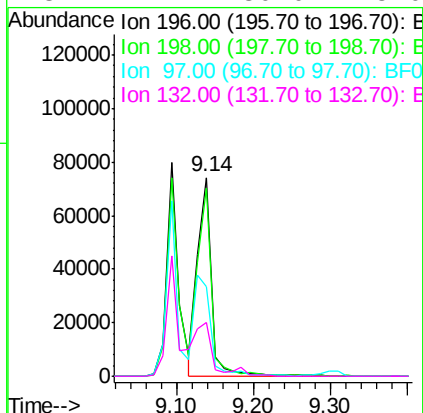
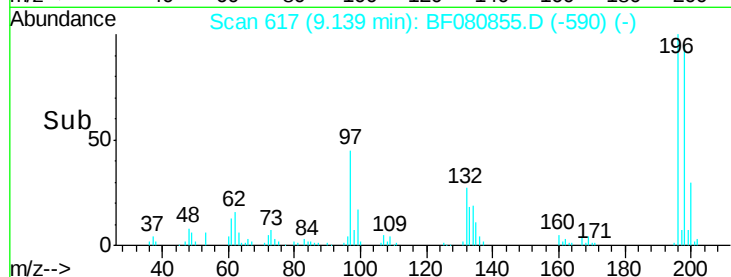
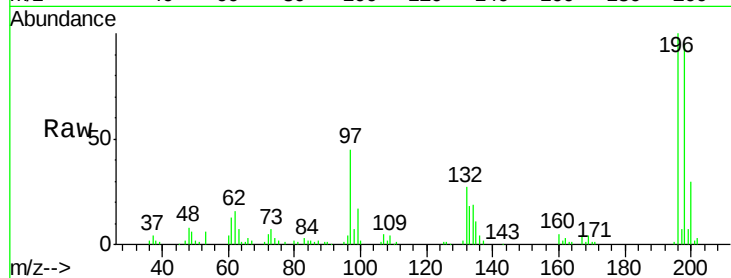
#43
 2,4,5-Trichlorophenol
 Concen: 26.16 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Manual Integrations
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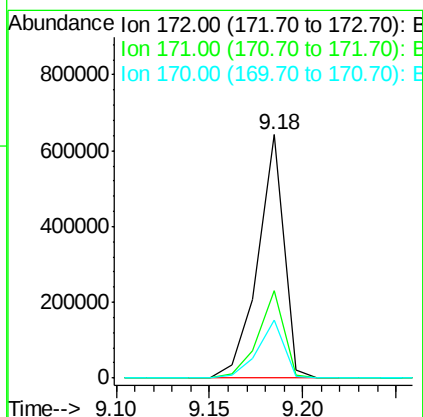
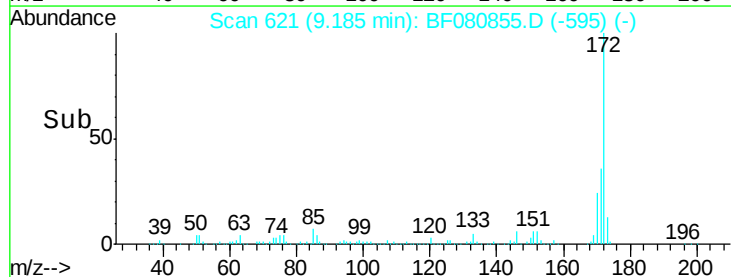
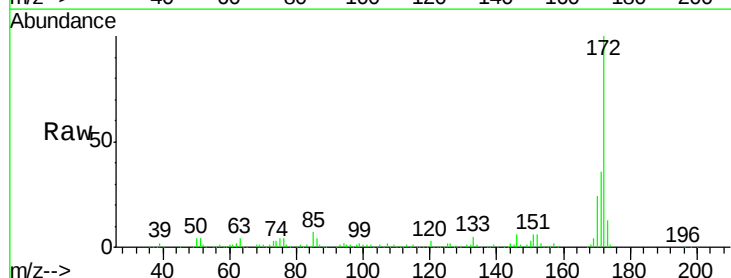
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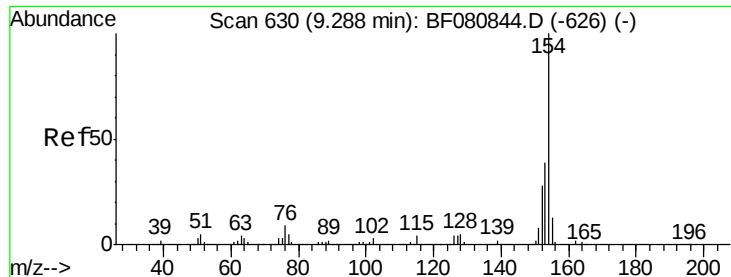
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95019		
198	94.9	74.2	111.4	
97	45.0	63.0	94.6	
132	27.1	30.0	45.0	



#44
 2-Fluorobiphenyl
 Concen: 53.55 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	622623		
171	35.7	28.9	43.3	
170	23.6	19.4	29.2	





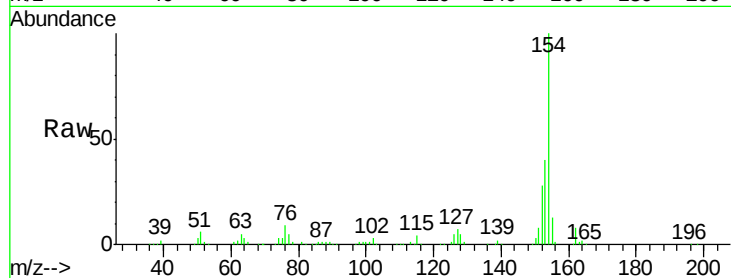
#45
1,1'-Biphenyl
Concen: 26.05 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

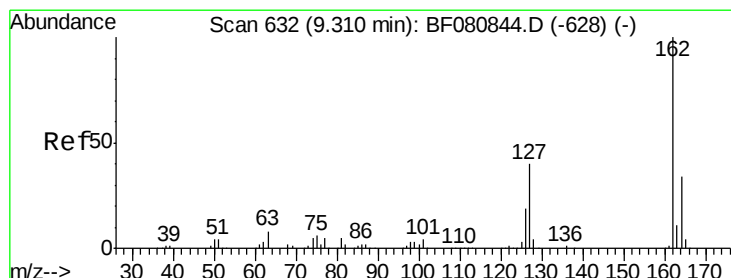
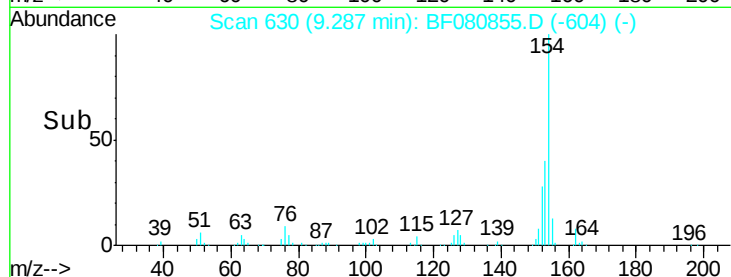
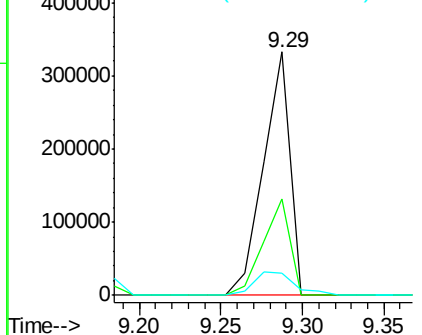
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	376006		
153	39.6	19.2	59.2	
76	9.2	0.0	29.3	

Manual Integrations
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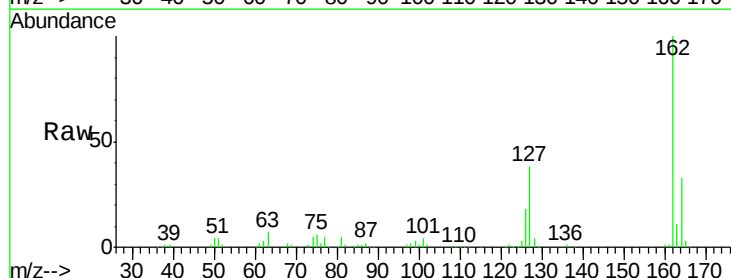


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

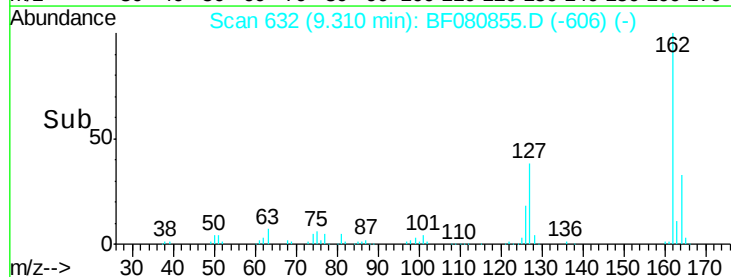
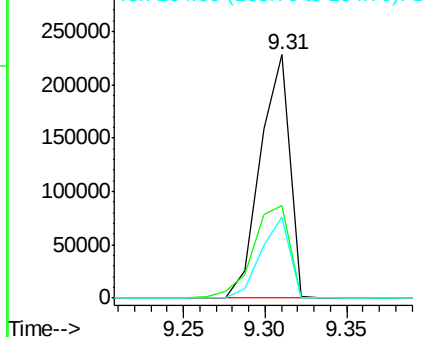


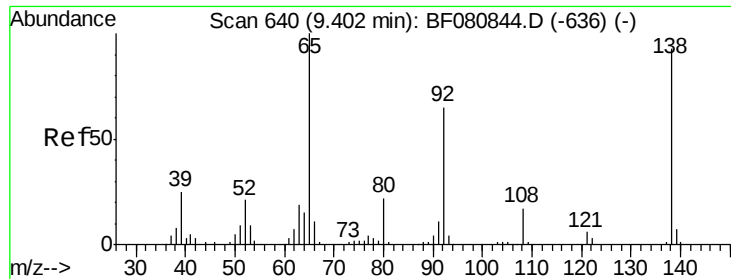
#46
2-Chloronaphthalene
Concen: 25.35 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	284546		
127	38.1	31.9	47.9	
164	33.3	26.8	40.2	



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





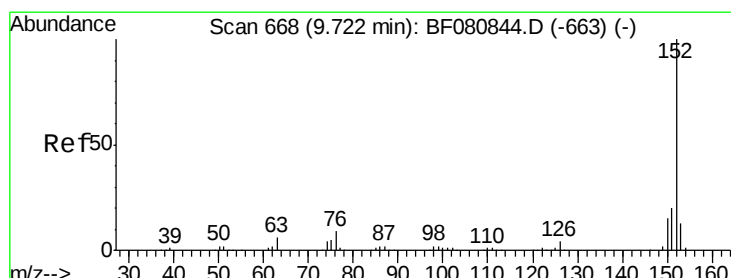
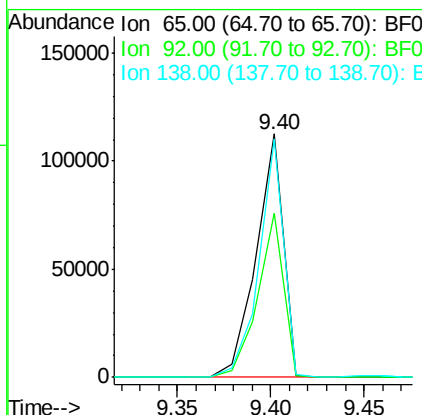
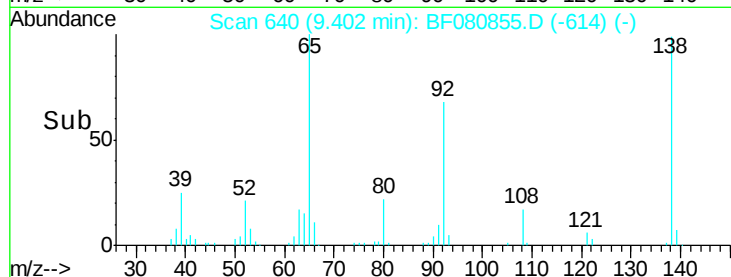
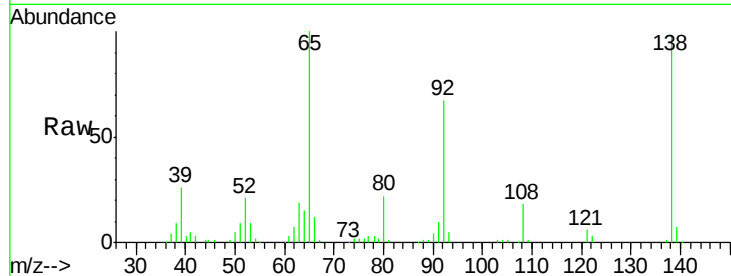
#47
 2-Nitroaniline
 Concen: 27.73 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion:	65	Resp:	113323
Ion Ratio	Lower	Upper	
65	100		
92	67.3	51.7	77.5
138	98.1	74.2	111.2

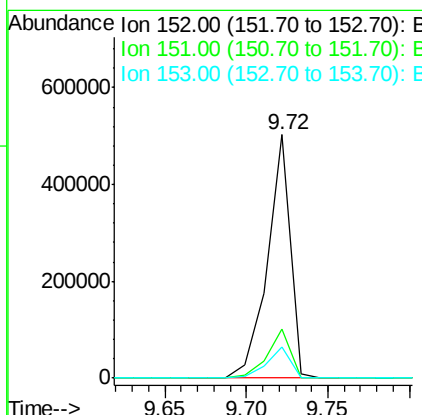
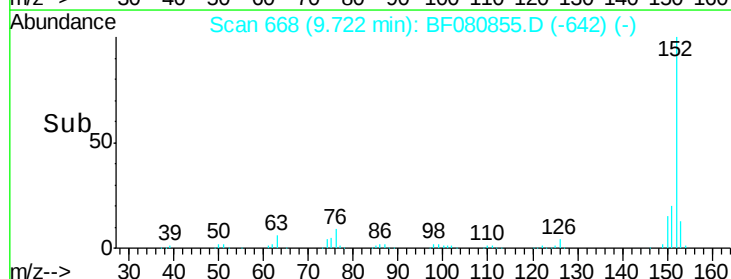
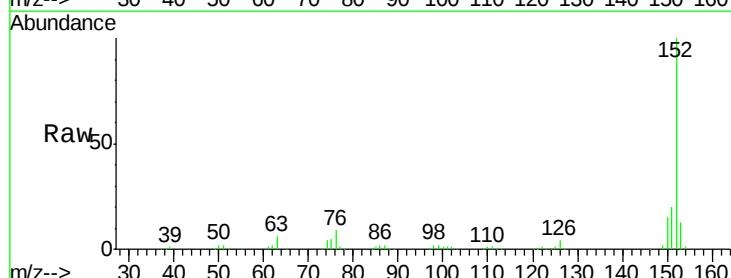
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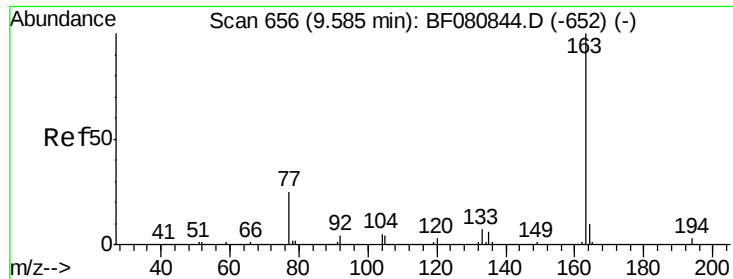
MMDadoda
 8/5/2015 7:01:05 PM



#48
 Acenaphthylene
 Concen: 26.47 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:	152	Resp:	488991
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	12.9	10.6	15.8





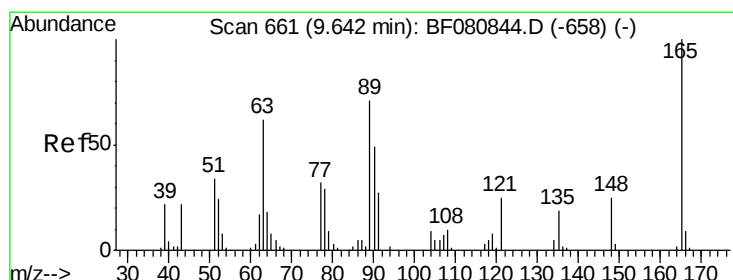
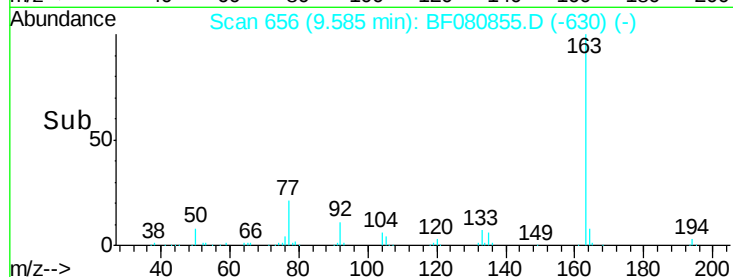
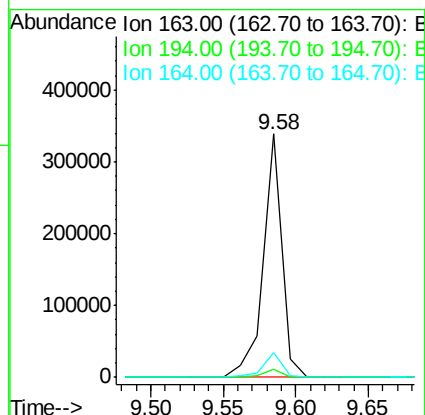
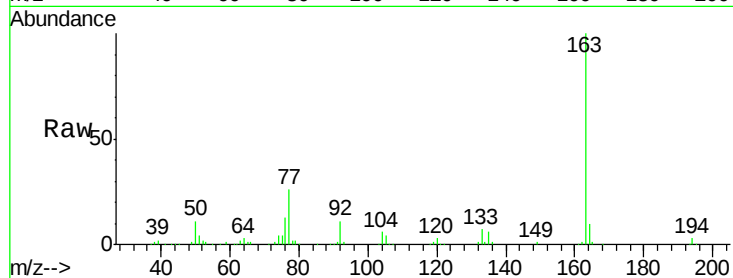
#49
Dimethylphthalate
Concen: 26.45 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.2	12.4

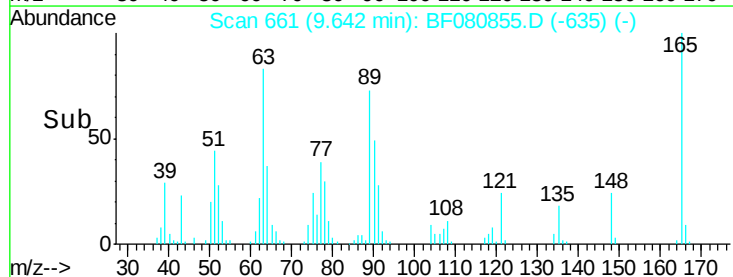
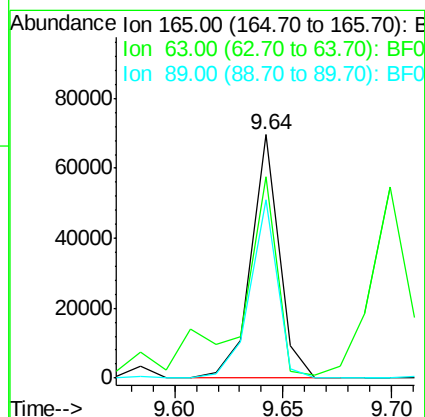
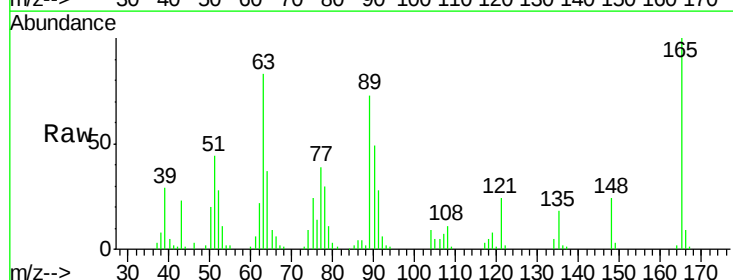
Manual Integrations
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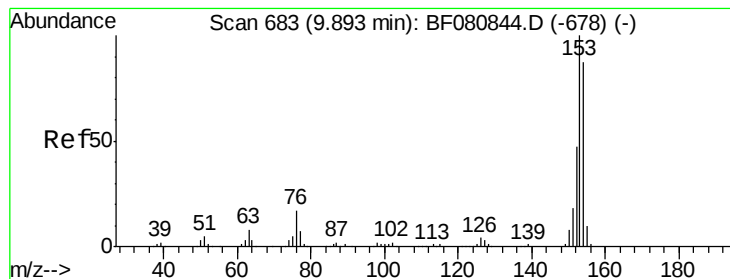
MMDadoda
8/5/2015 7:01:05 PM



#50
2,6-Dinitrotoluene
Concen: 26.28 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	82.7	65.0	97.6
89	73.4	56.6	85.0





#51

Acenaphthene

Concen: 29.67 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080855.D

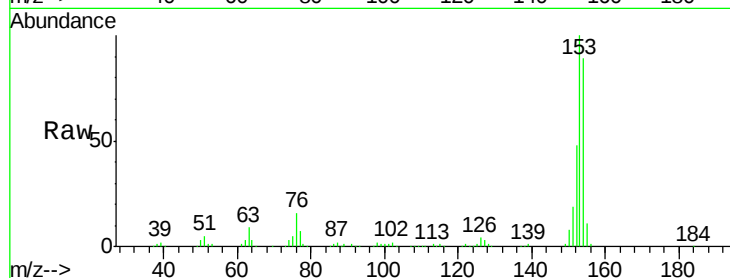
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD



Tgt Ion:154 Resp: 329486

Ion Ratio Lower Upper

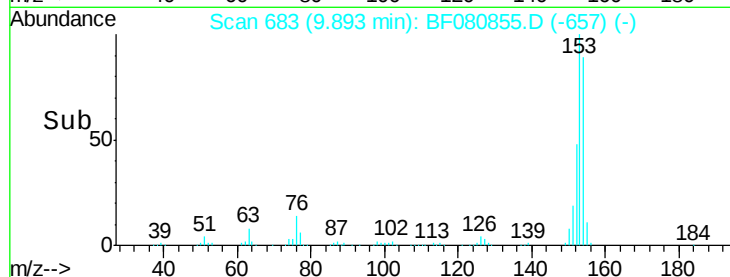
154 100

153 112.9 91.8 137.6

152 53.9 43.2 64.8

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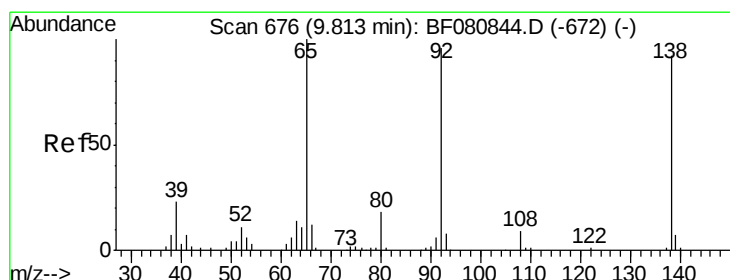
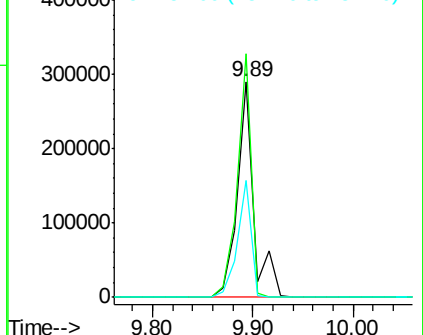
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.13 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

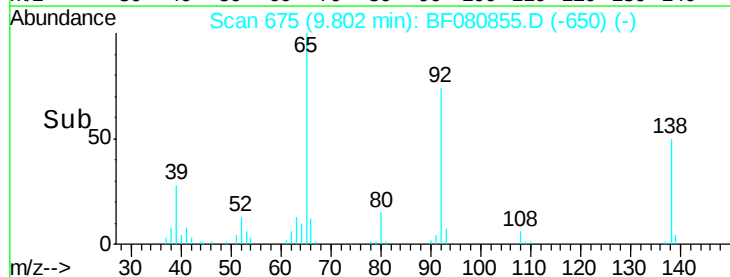
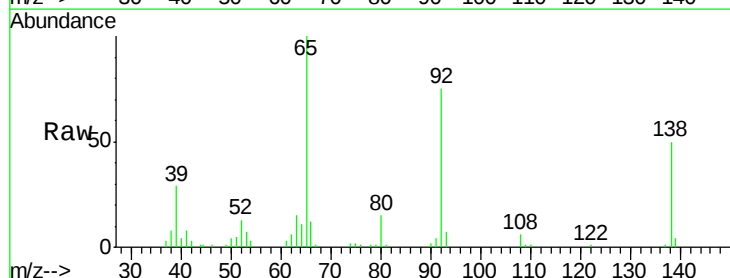
Tgt Ion:138 Resp: 41675

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

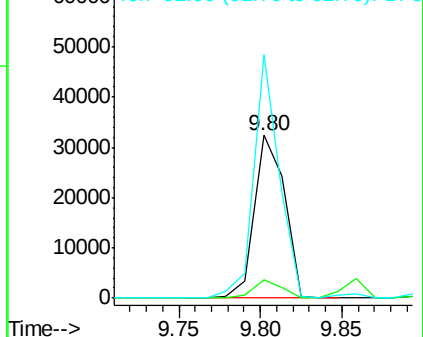
92 149.9 83.7 125.5#

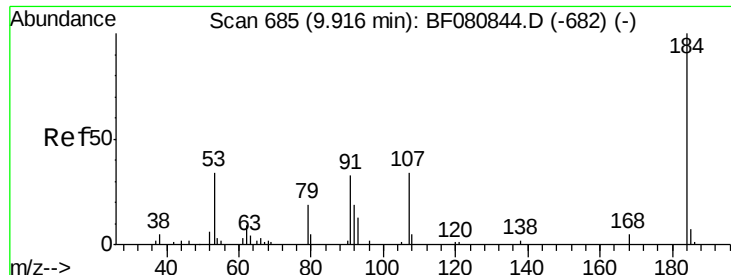


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





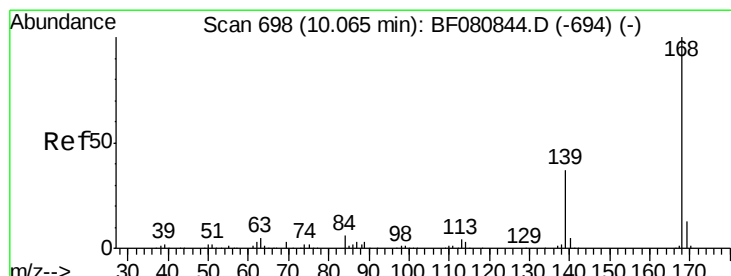
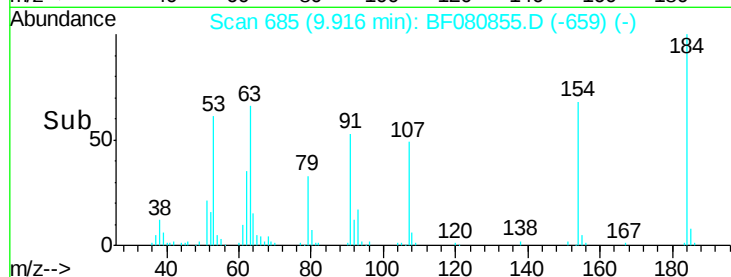
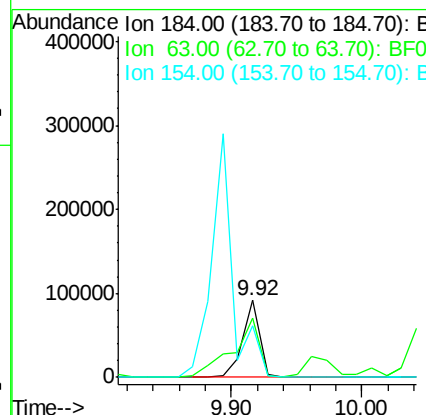
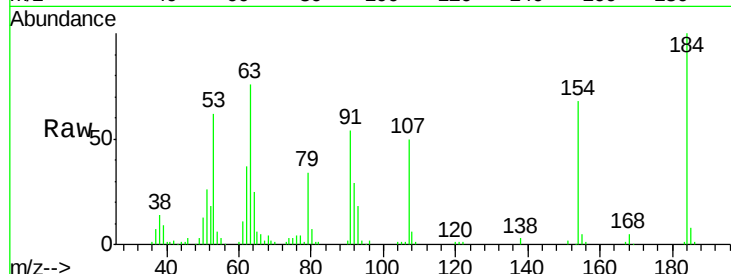
#53
2,4-Dinitrophenol
Concen: 54.79 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	82415		
63	76.4	33.8	50.6#	
154	67.9	44.2	66.2#	

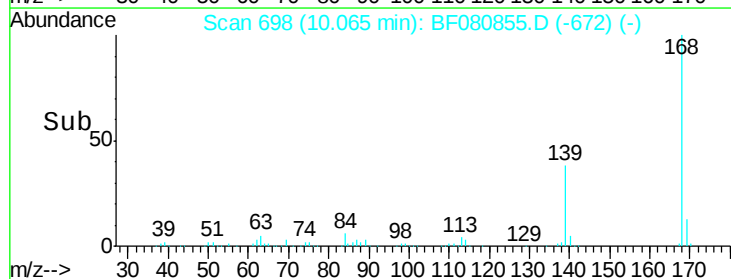
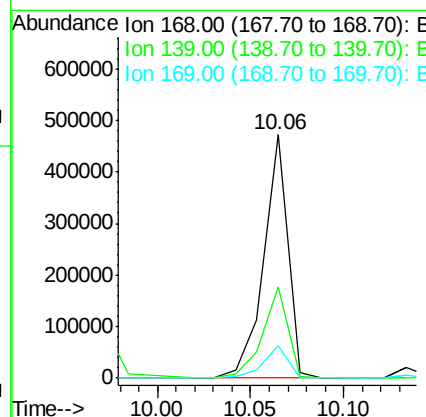
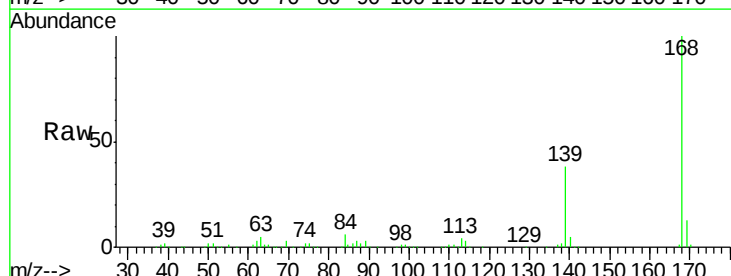
Manual Integrations
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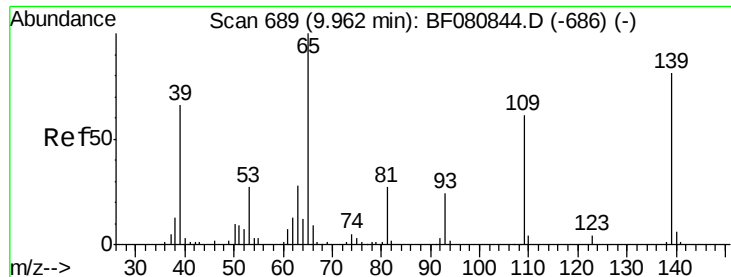
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#54
Dibenzofuran
Concen: 28.26 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

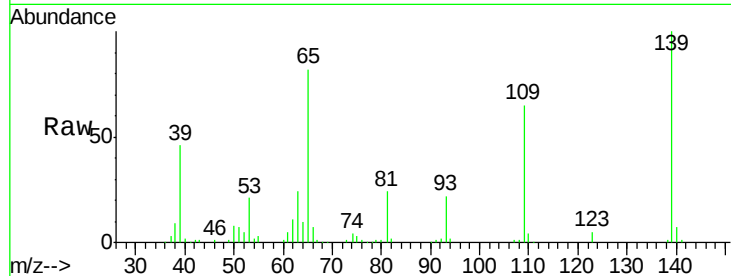
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	418509		
139	37.6	30.0	45.0	
169	13.2	10.6	16.0	





#55
4-Nitrophenol
Concen: 55.95 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

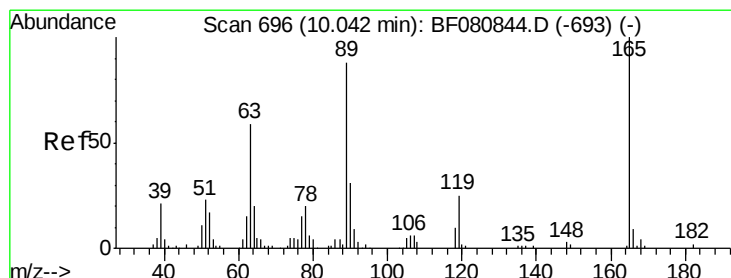
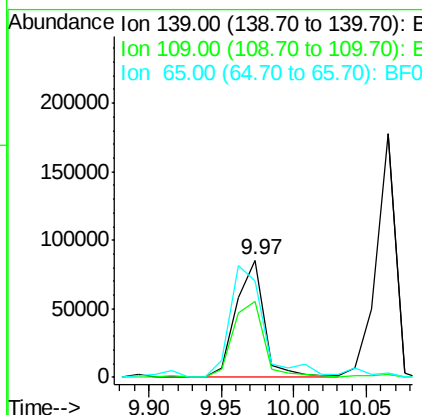
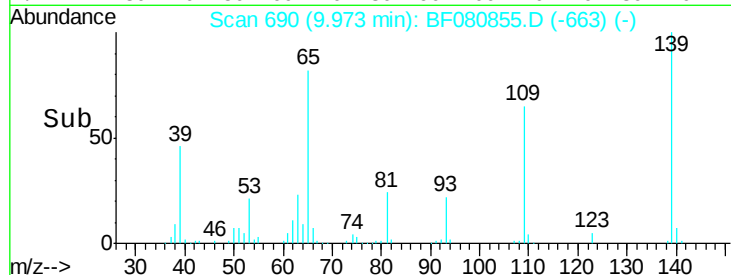
Instrument :
BNA_F
ClientSampleId :
PB84838BSD



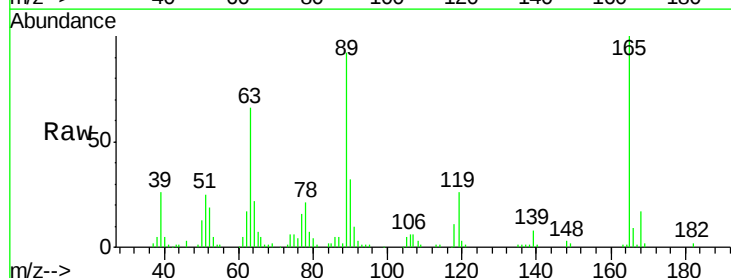
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116097		
109	64.7	54.4	94.4	
65	82.3	103.0	143.0	

Manual Integrations
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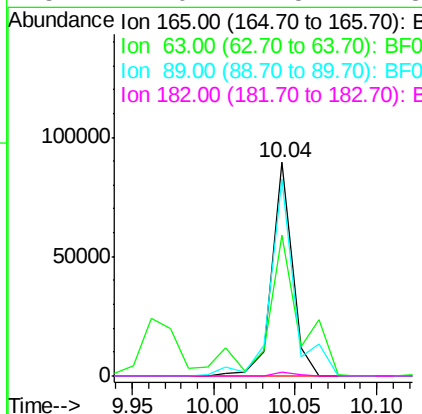
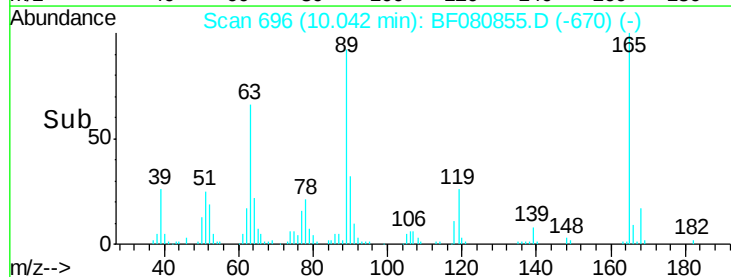
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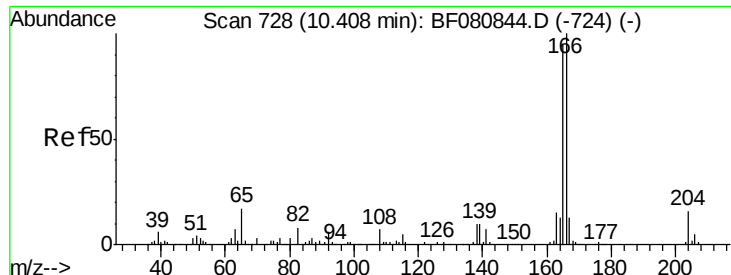


#56
2,4-Dinitrotoluene
Concen: 25.86 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	77977		
63	65.8	47.2	70.8	
89	92.3	70.2	105.2	
182	2.0	1.5	2.3	





#57

Fluorene

Concen: 26.35 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

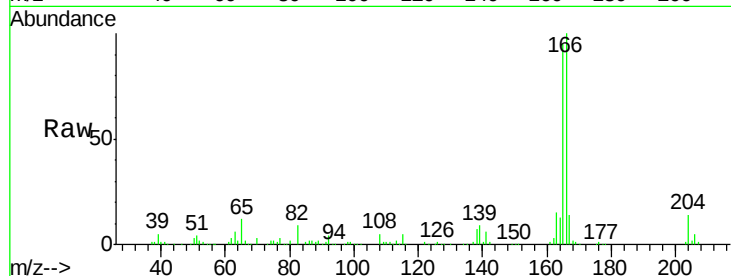
ClientSampleId :

PB84838BSD

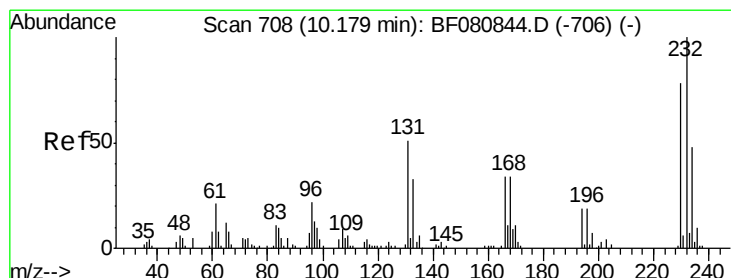
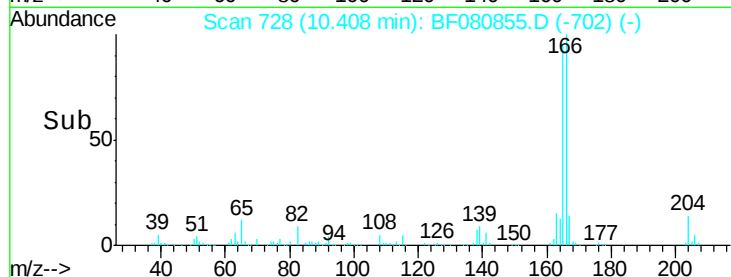
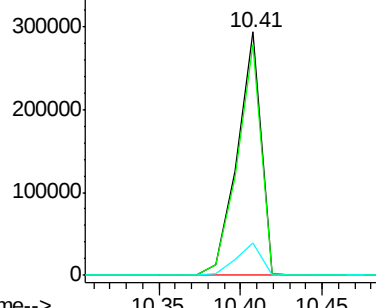
Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	297978		
165	94.6	76.2	114.2	
167	13.5	10.4	15.6	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.09 ng

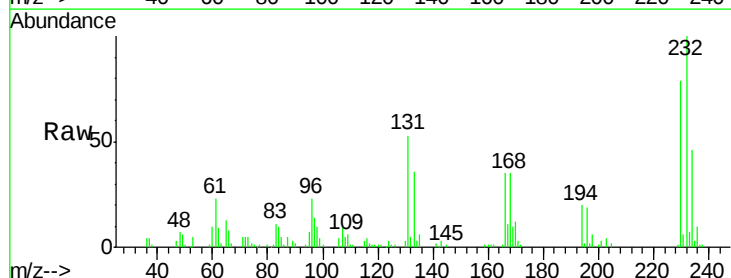
RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

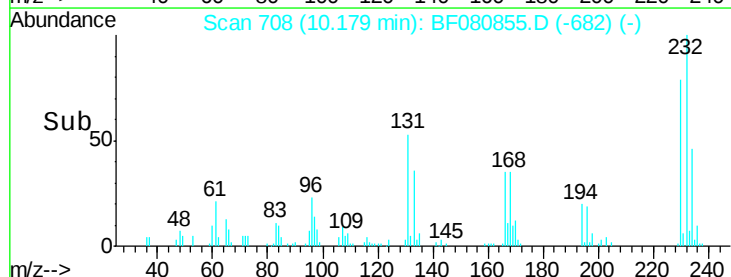
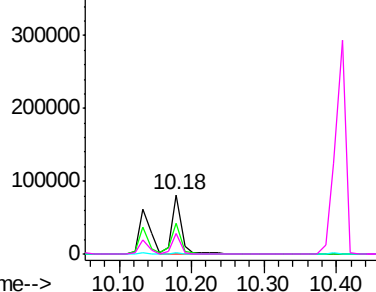
Lab File: BF080855.D

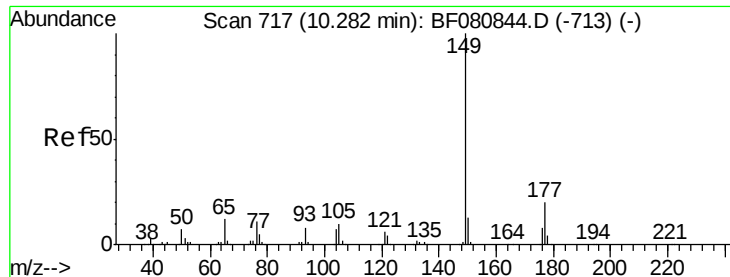
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	75818		
131	52.4	43.7	65.5	
130	2.3	1.9	2.9	
166	32.8	26.9	40.3	



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





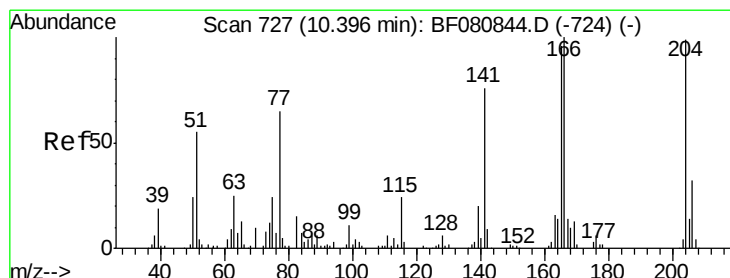
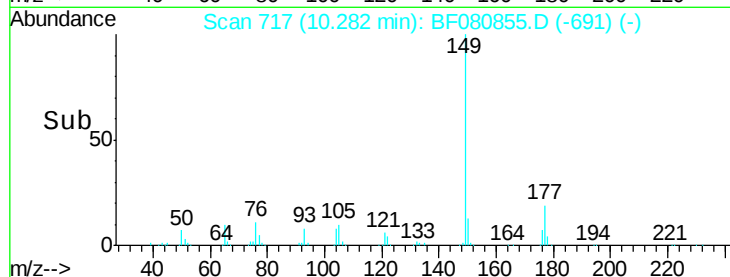
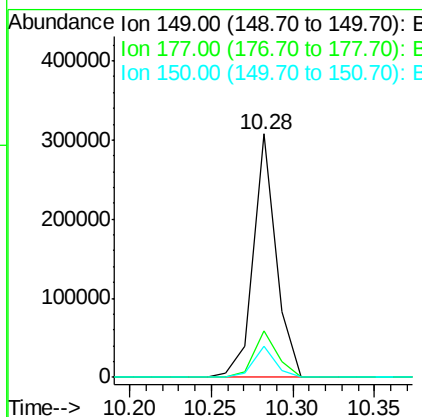
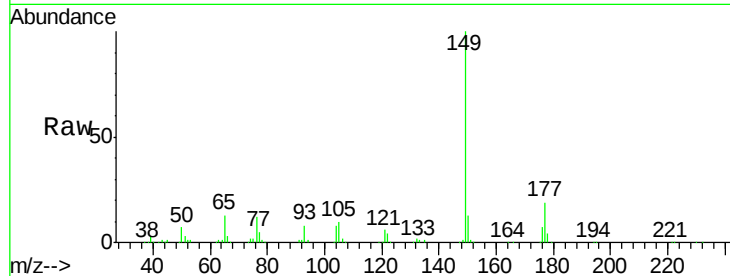
#59
Diethylphthalate
Concen: 26.45 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	298984		
177	19.1	15.8	23.8	
150	12.8	10.2	15.2	

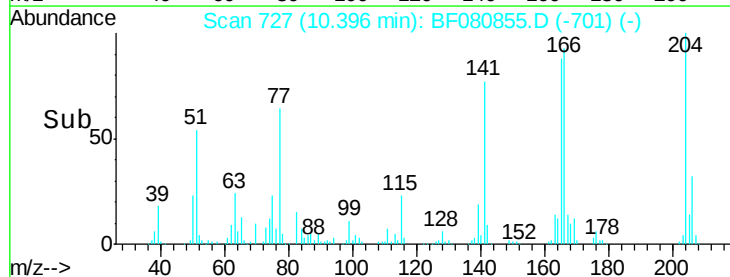
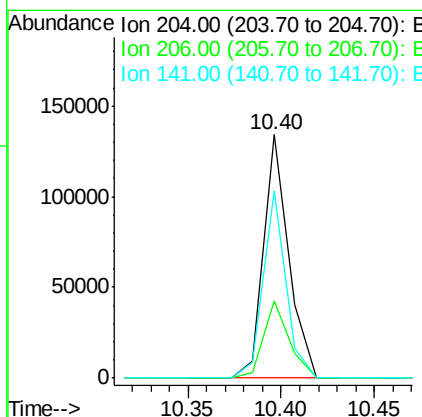
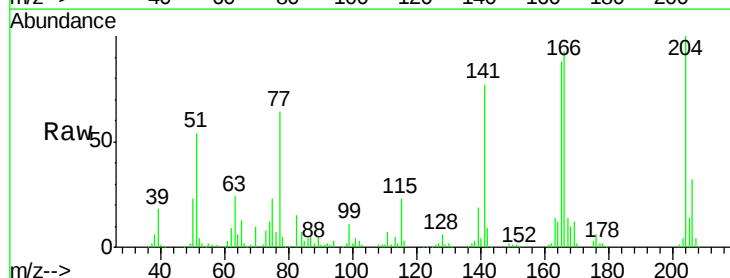
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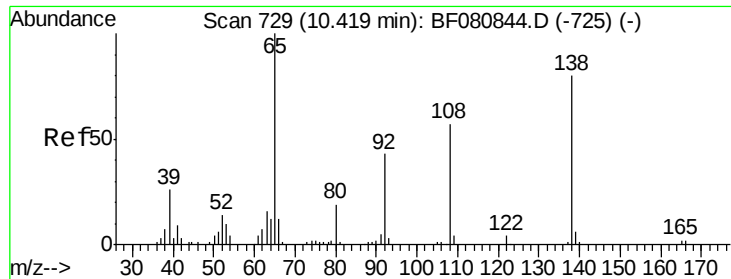
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#60
4-Chlorophenyl-phenylether
Concen: 26.44 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	126361		
206	31.8	25.8	38.8	
141	76.7	61.4	92.2	





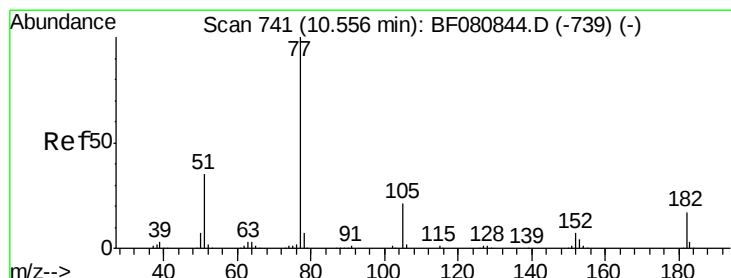
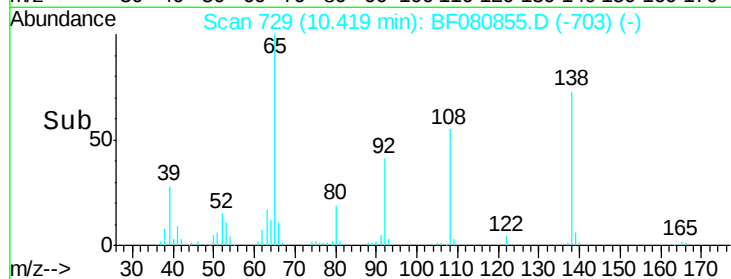
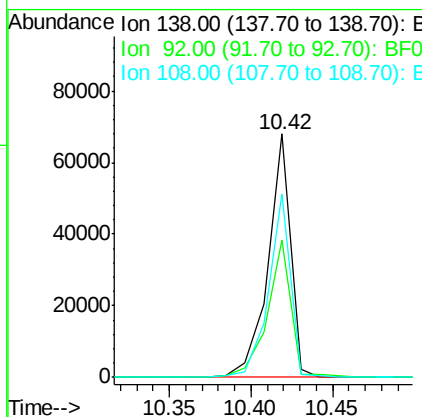
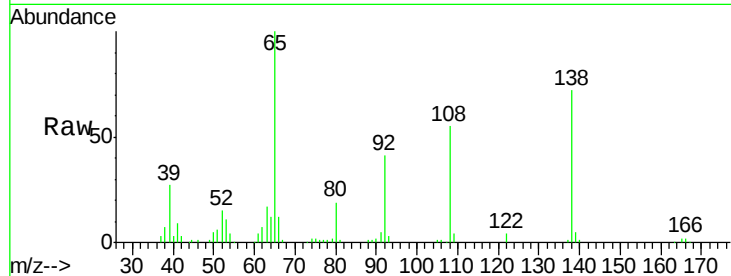
#61
4-Nitroaniline
Concen: 24.86 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	33.5	73.5
108	75.5	52.3	92.3

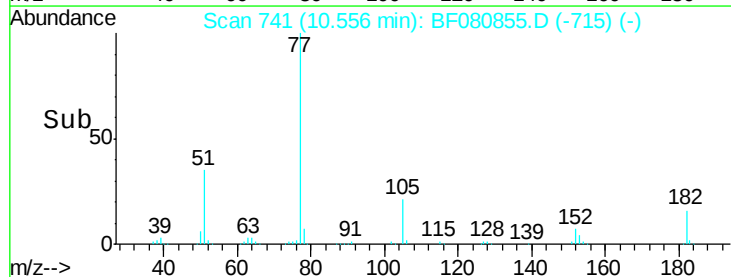
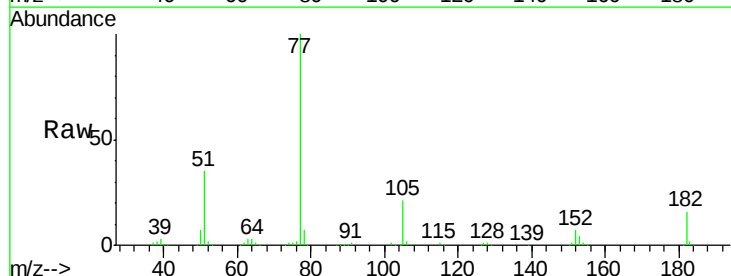
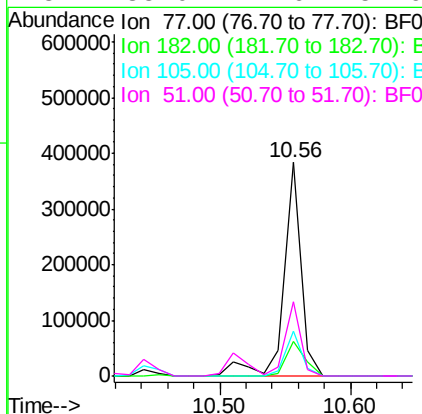
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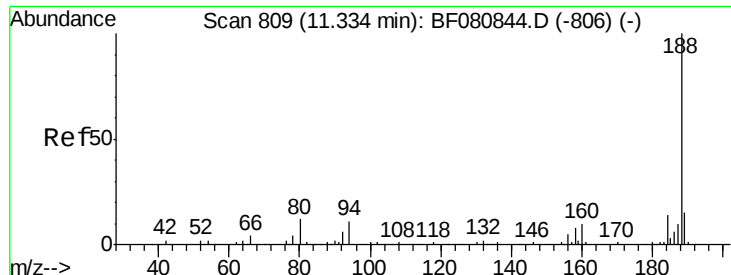
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#62
Azobenzene
Concen: 27.24 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.1	0.0	37.0
105	21.0	1.3	41.3
51	35.0	14.6	54.6





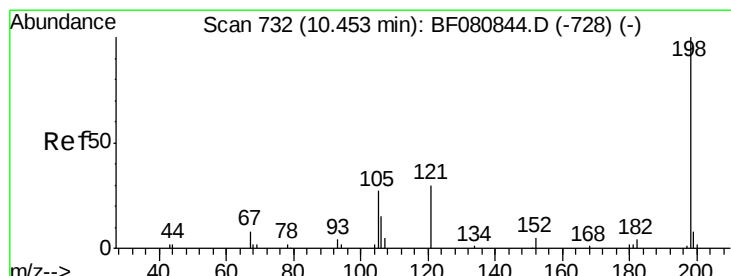
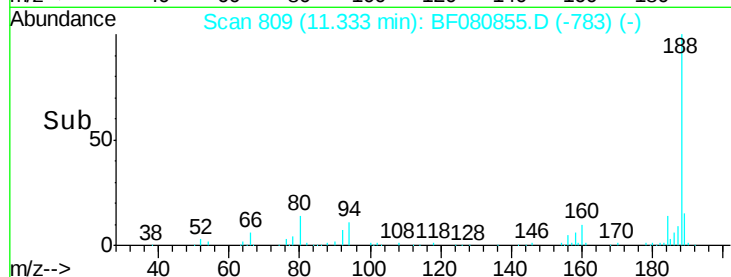
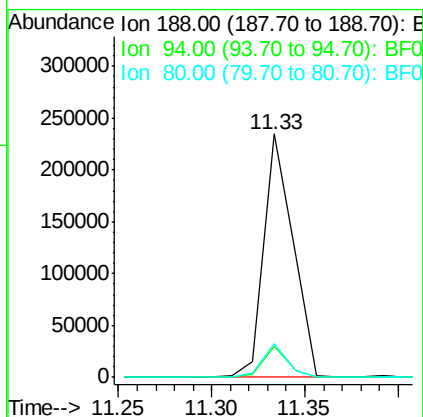
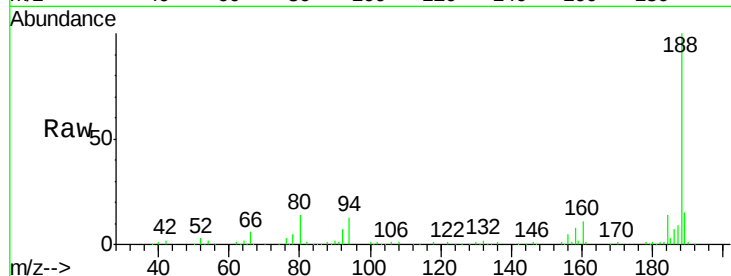
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.9	8.6	12.8#
80	14.1	9.3	13.9#

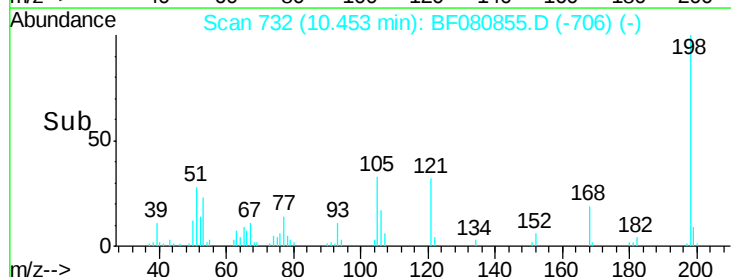
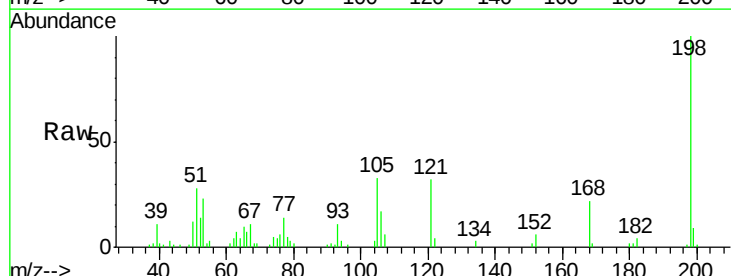
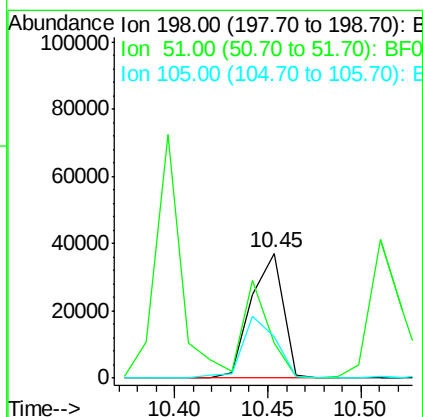
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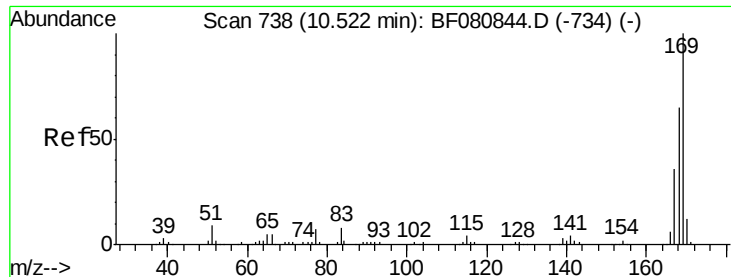
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.18 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

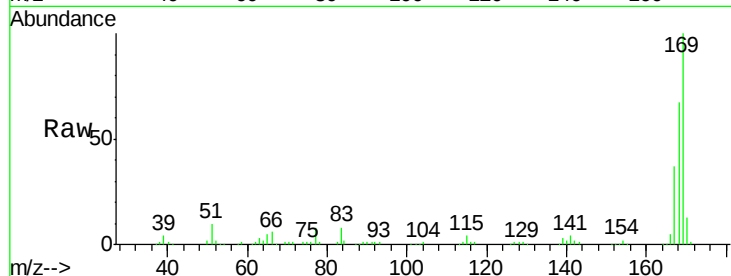
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.2	4.7	44.7
105	33.0	8.5	48.5





#65
 n-Nitrosodiphenylamine
 Concen: 26.34 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

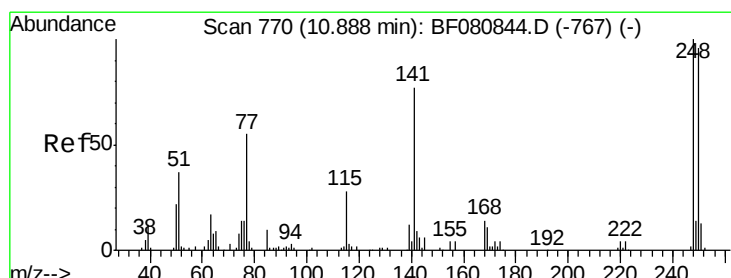
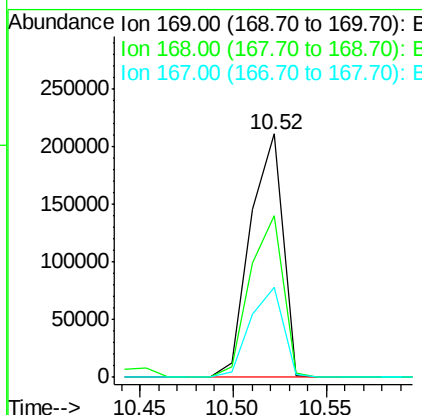
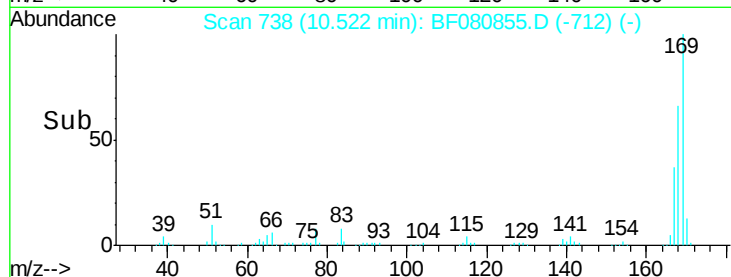
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD



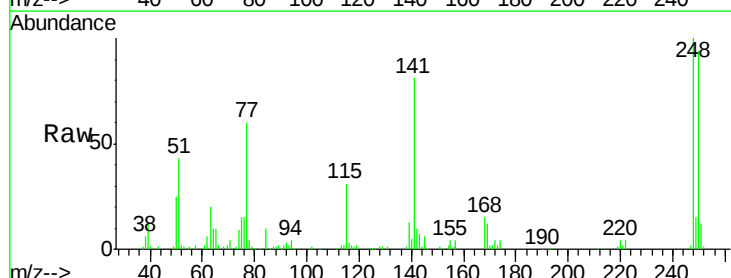
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	255354		
168	66.6	52.2	78.4	
167	37.1	29.2	43.8	

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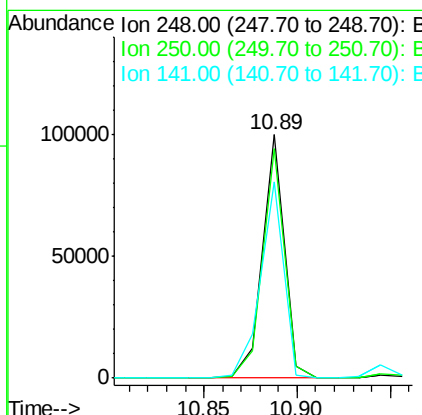
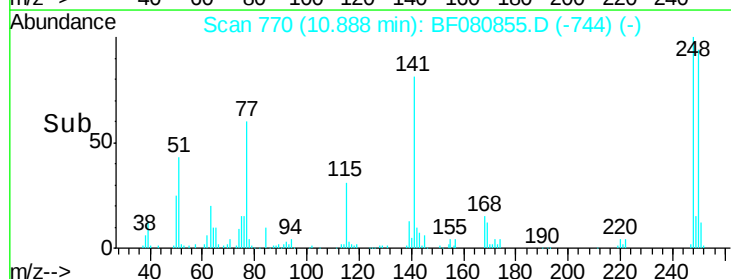
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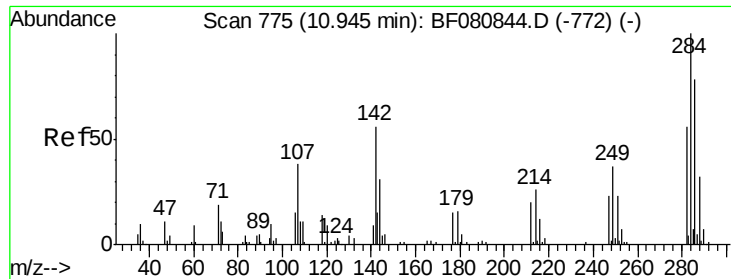


#66
 4-Bromophenyl-phenylether
 Concen: 28.82 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	80734		
250	94.2	77.2	115.8	
141	80.8	61.4	92.0	





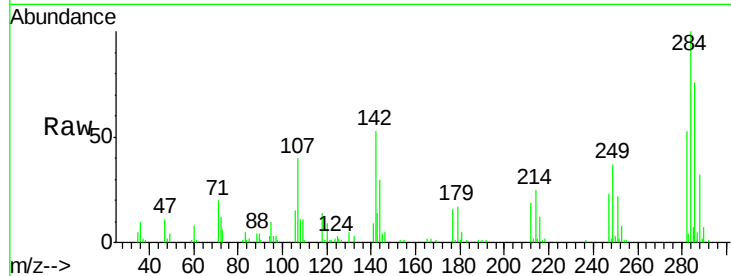
#67
Hexachlorobenzene
Concen: 26.72 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

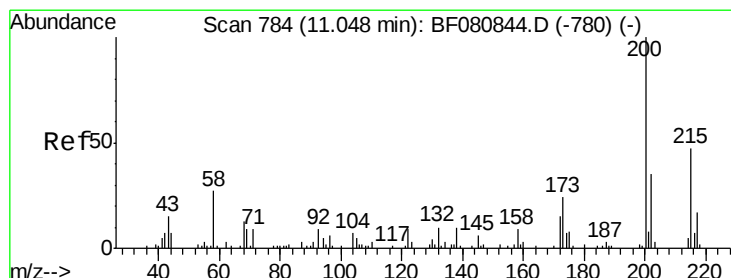
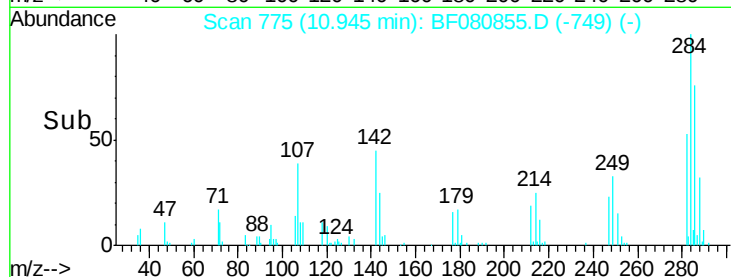
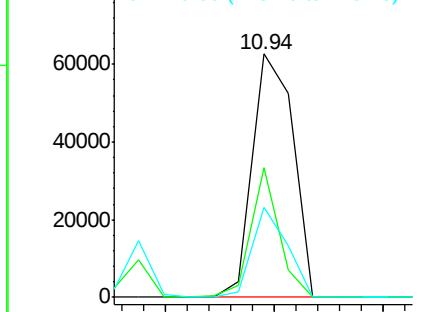
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	81732		
142	53.3	44.4	66.6	
249	36.8	29.3	43.9	

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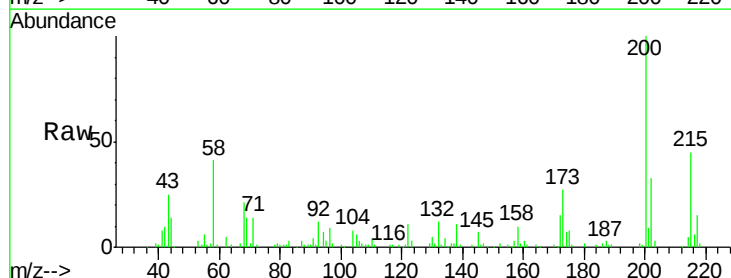


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

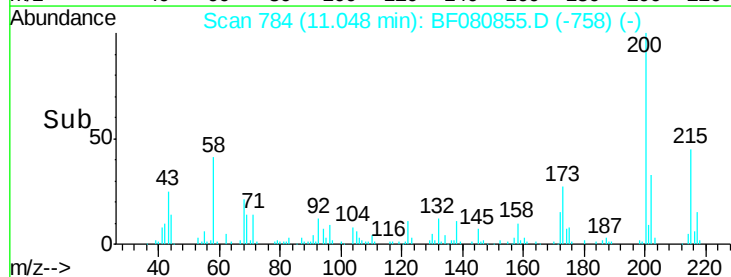
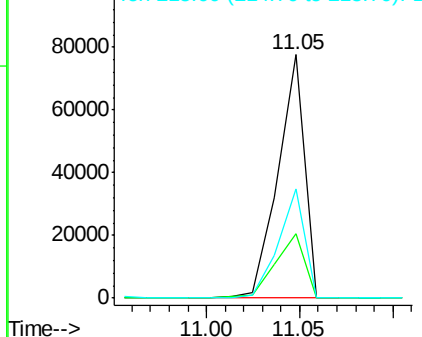


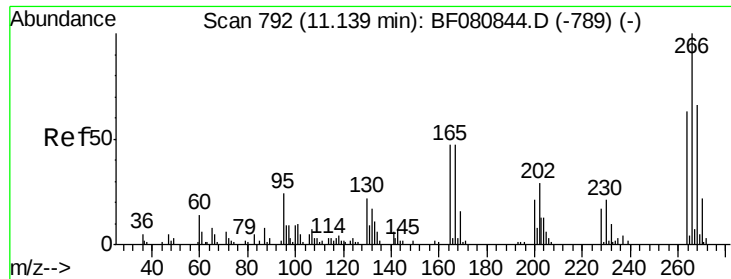
#68
Atrazine
Concen: 30.30 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	76467		
173	26.7	4.8	44.8	
215	44.9	27.1	67.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





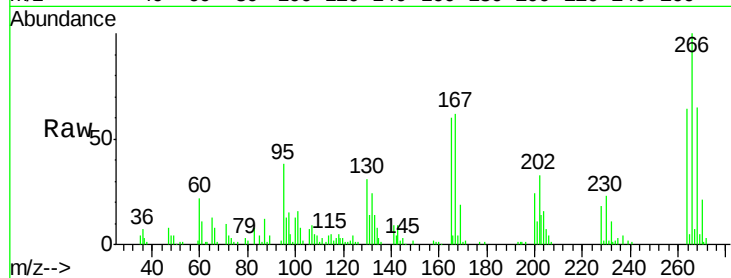
#69
 Pentachlorophenol
 Concen: 52.56 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

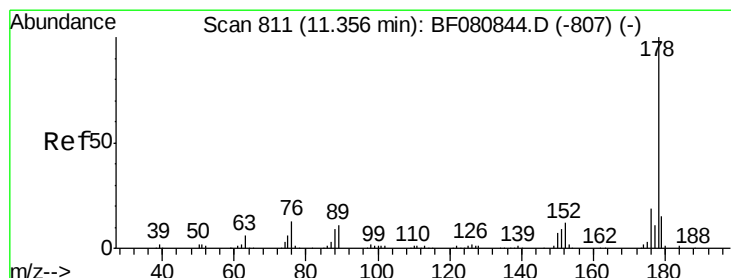
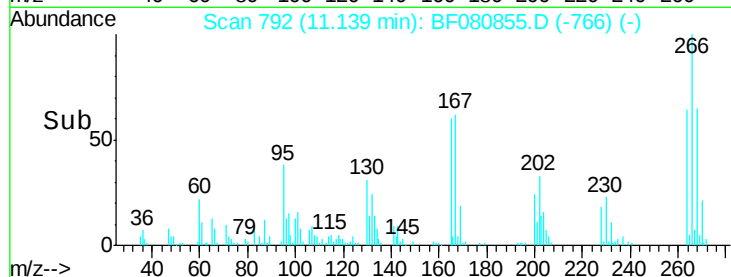
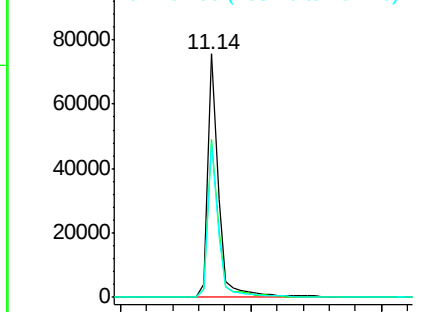
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	87620		
268	65.0	52.6	78.8	
264	64.0	50.7	76.1	

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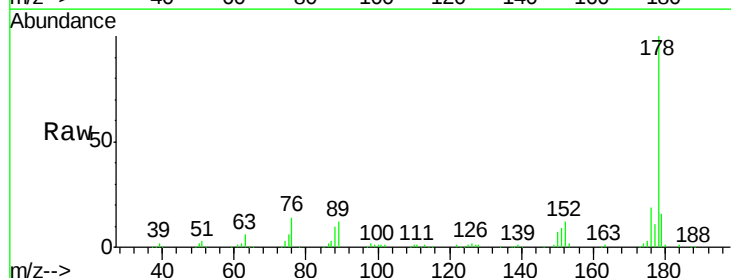


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

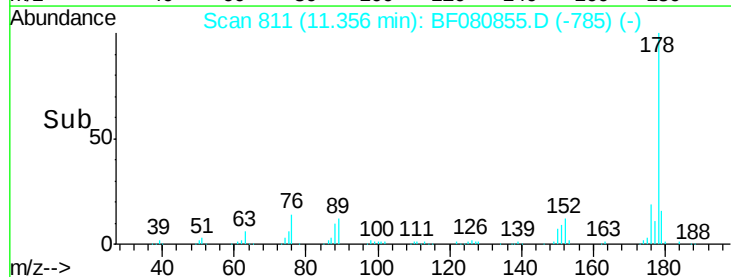
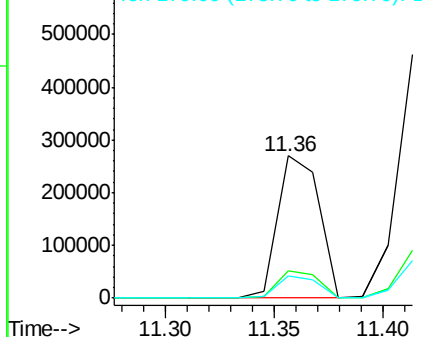


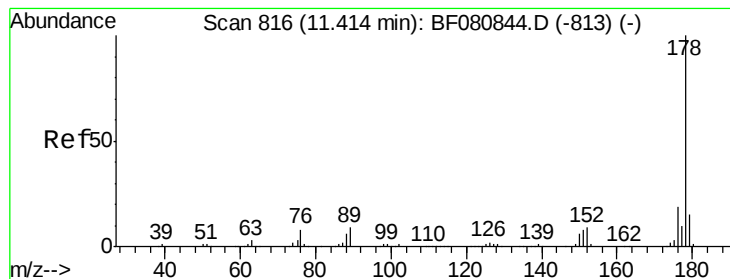
#70
 Phenanthrene
 Concen: 24.55 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	358930		
176	19.5	15.3	22.9	
179	15.7	12.3	18.5	



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





#71

Anthracene

Concen: 28.13 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

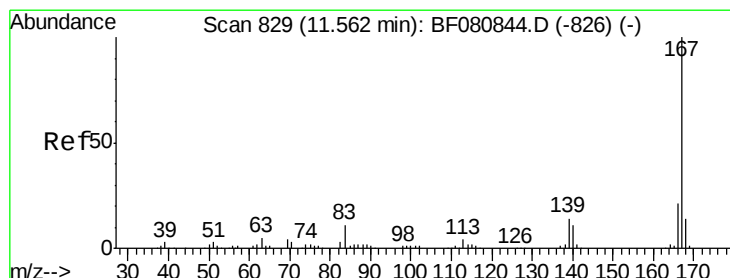
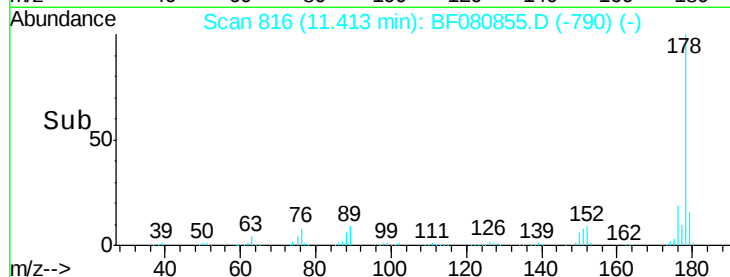
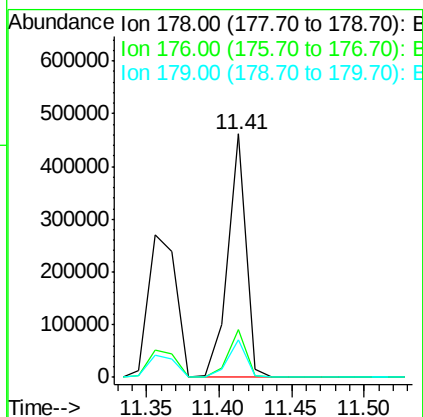
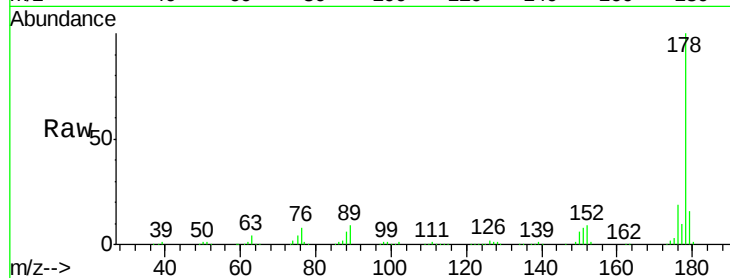
ClientSampleId :

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Tgt Ion:	178	Resp:	399722
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4



#72

Carbazole

Concen: 24.63 ng

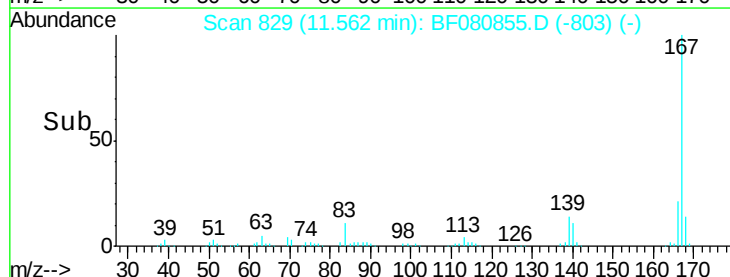
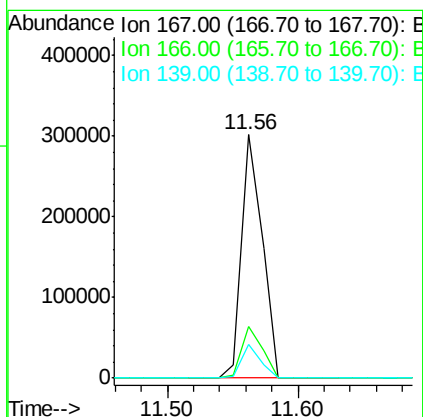
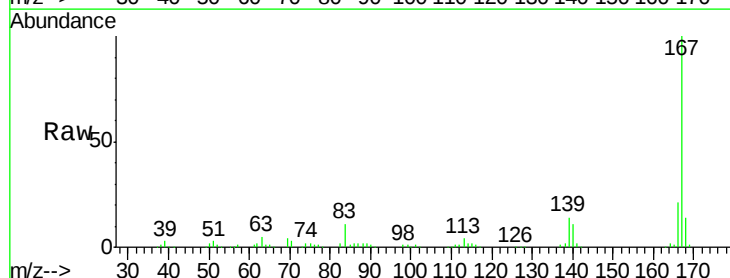
RT: 11.56 min Scan# 829

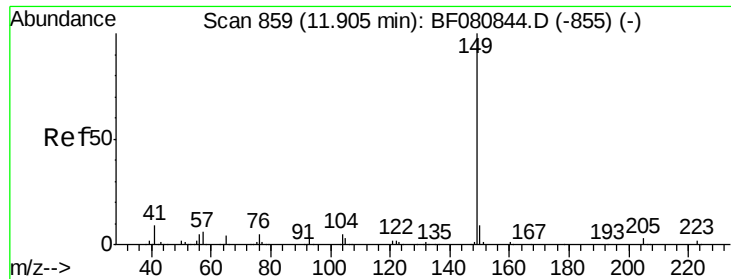
Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion:	167	Resp:	330067
Ion Ratio	Lower	Upper	
167	100		
166	21.1	16.6	25.0
139	13.8	11.3	16.9





#73

Di-n-butylphthalate

Concen: 28.46 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

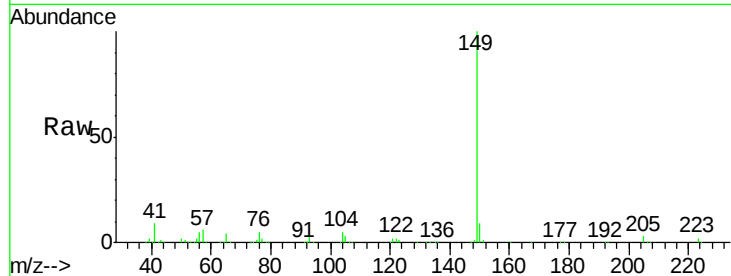
ClientSampleId :

PB84838BSD

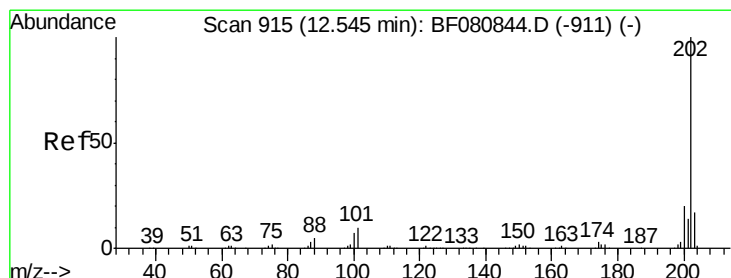
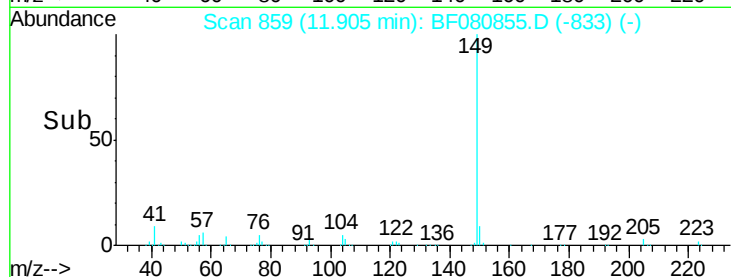
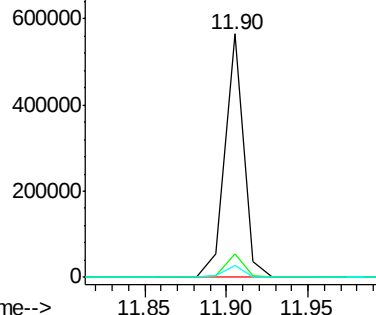
Tgt Ion:	149	Resp:	451667
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.9	3.9	5.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.78 ng

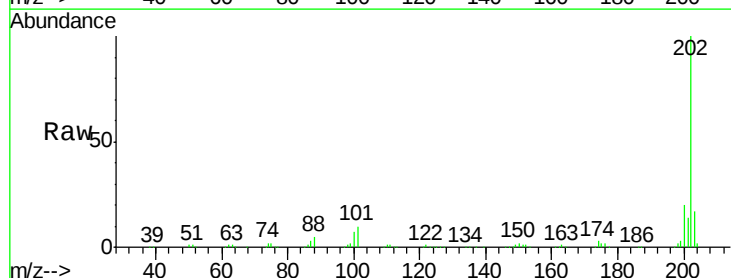
RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

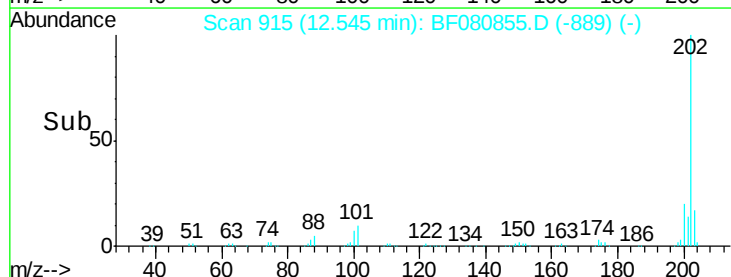
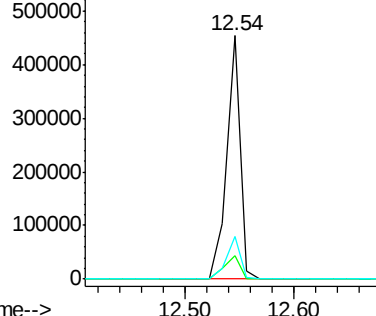
Lab File: BF080855.D

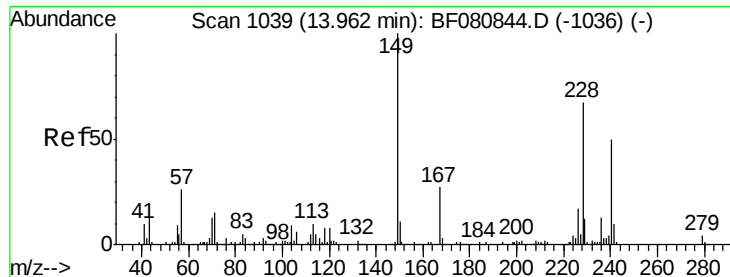
Acq: 4 Aug 2015 23:56

Tgt Ion:	202	Resp:	395582
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.9
203	17.4	0.0	37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

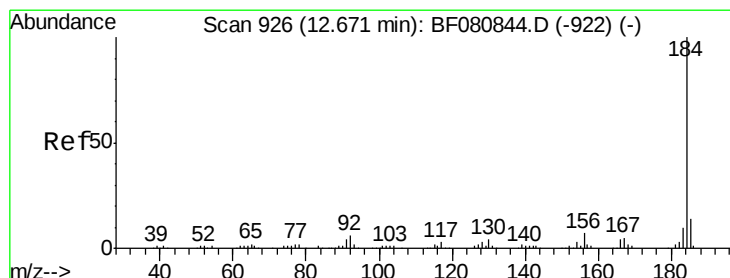
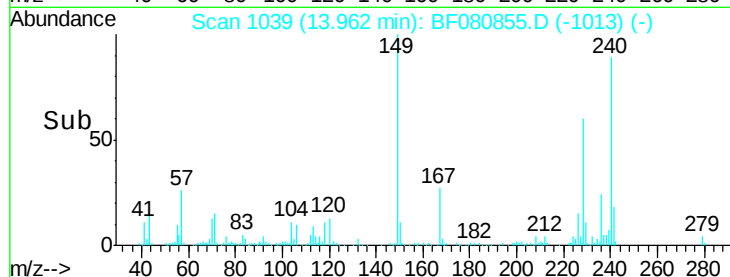
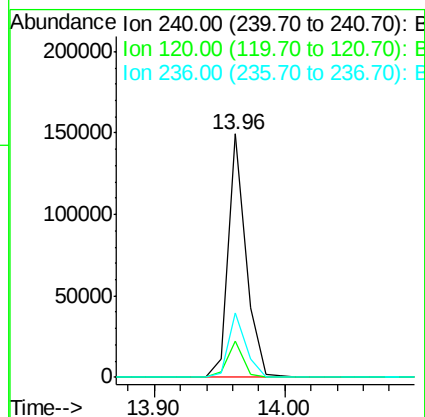
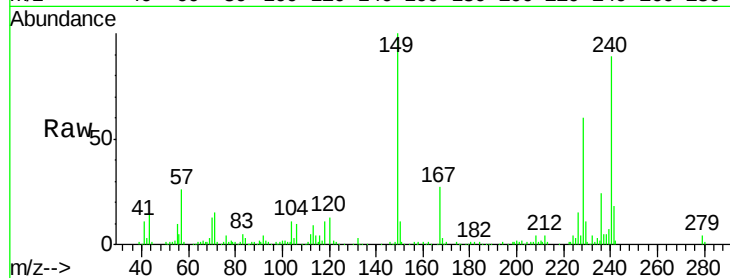
ClientSampleId :

PB84838BSD

Tgt Ion:	240	Resp:	141483
Ion Ratio		Lower	Upper
240	100		
120	14.7	13.0	19.6
236	26.4	20.7	31.1

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#76

Benzidine

Concen: 18.07 ng

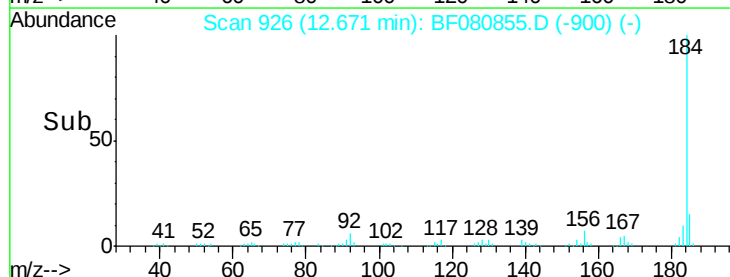
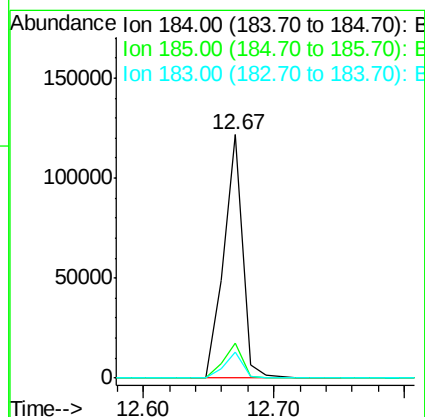
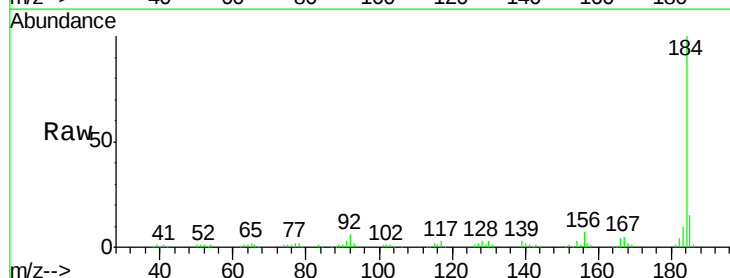
RT: 12.67 min Scan# 926

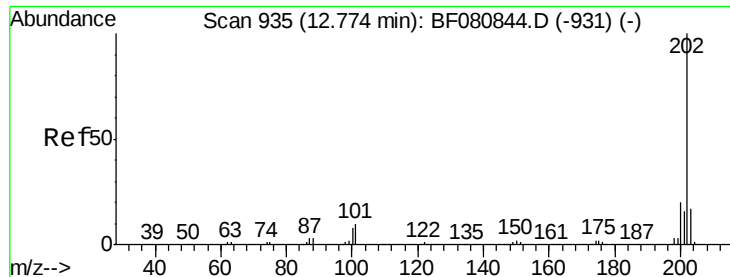
Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion:	184	Resp:	123759
Ion Ratio		Lower	Upper
184	100		
185	14.5	11.4	17.2
183	10.4	8.4	12.6





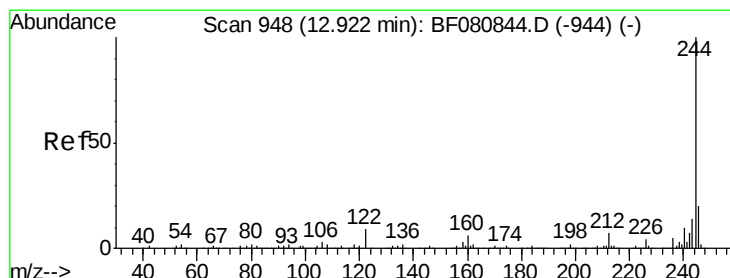
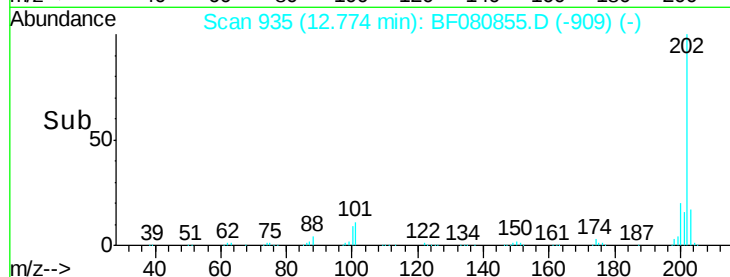
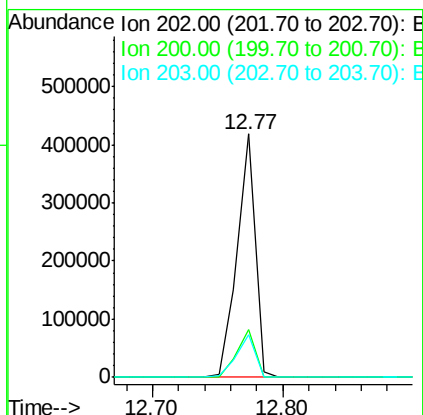
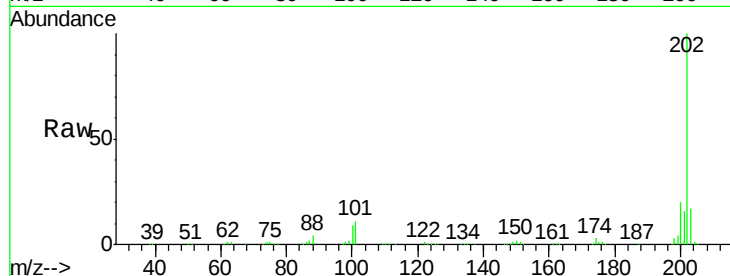
#77
 Pyrene
 Concen: 31.55 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	16.1	24.1
203	17.3	13.6	20.4

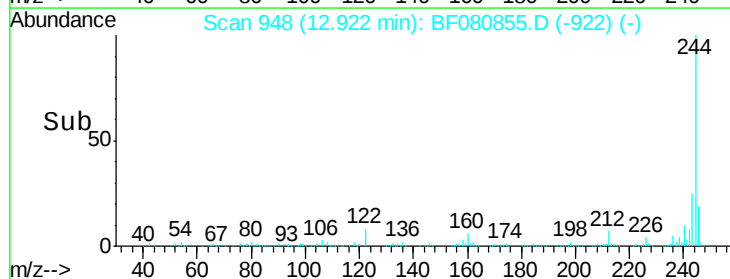
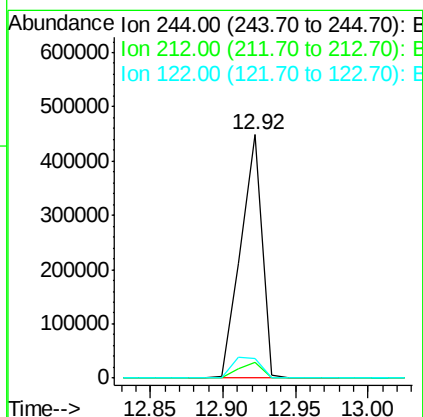
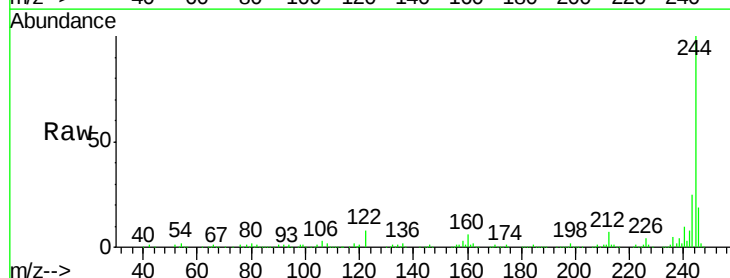
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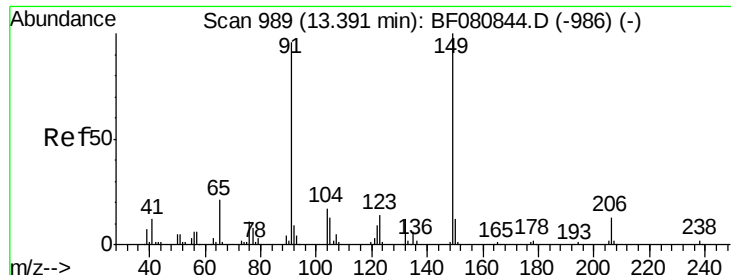
MMDadoda
 8/5/2015 7:01:05 PM



#78
 Terphenyl-d14
 Concen: 58.87 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.5	8.3
122	8.1	7.1	10.7





#79

Butylbenzylphthalate

Concen: 30.14 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080855.D

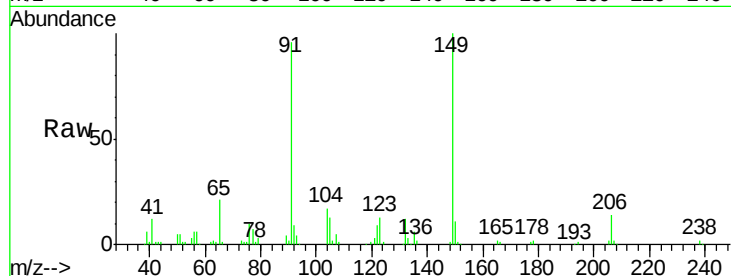
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

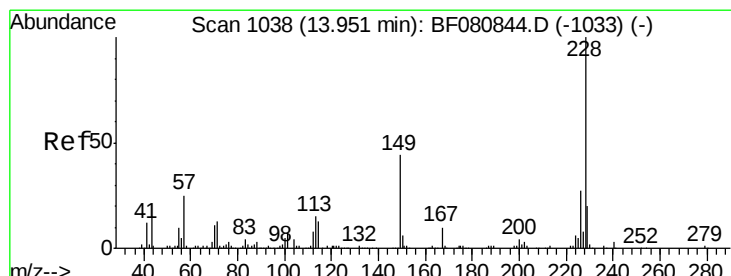
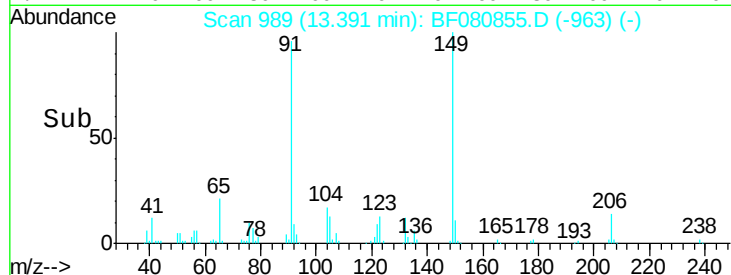
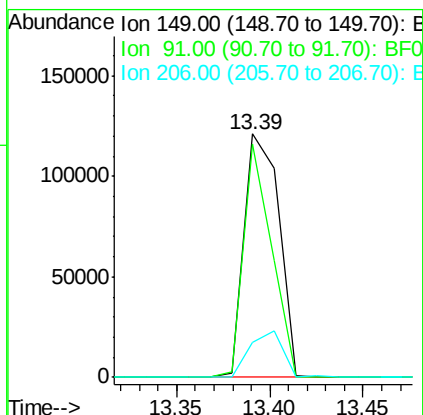
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Tgt Ion	Ratio	Lower	Upper
149	100		
91	96.1	76.4	114.6
206	14.2	10.7	16.1

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#80

Benzo(a)anthracene

Concen: 28.69 ng

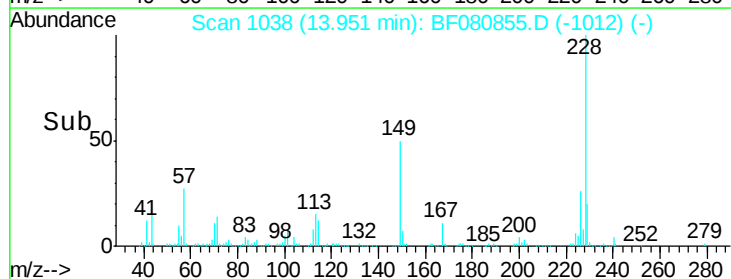
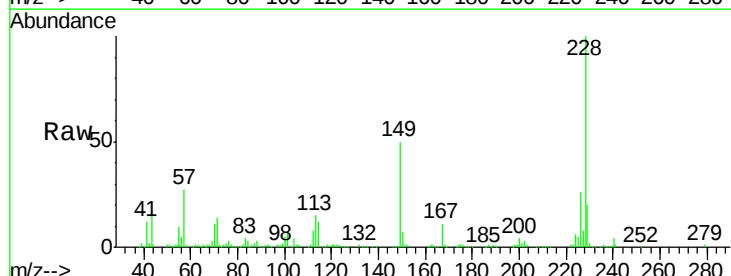
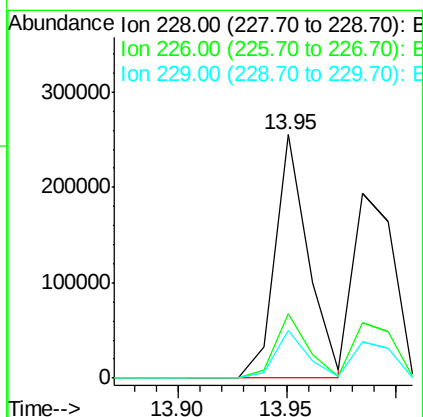
RT: 13.95 min Scan# 1038

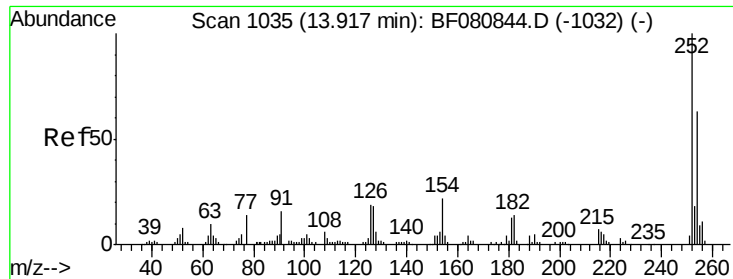
Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.5	32.3
229	19.6	16.2	24.2





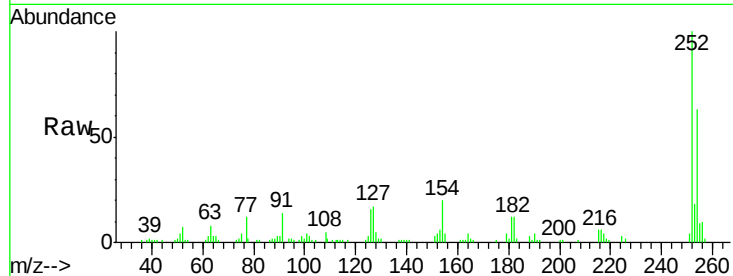
#81
 3,3'-Dichlorobenzidine
 Concen: 15.04 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

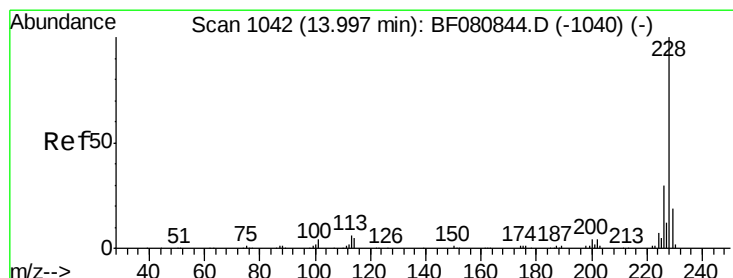
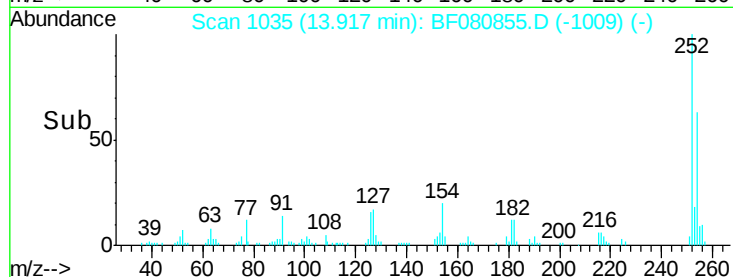
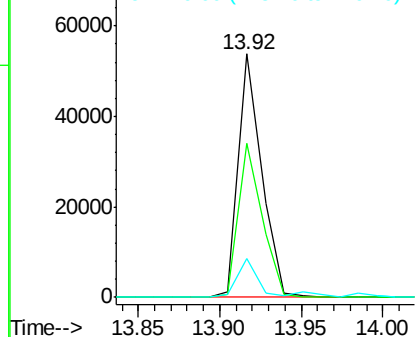
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	50.3	75.5
126	15.8	15.1	22.7

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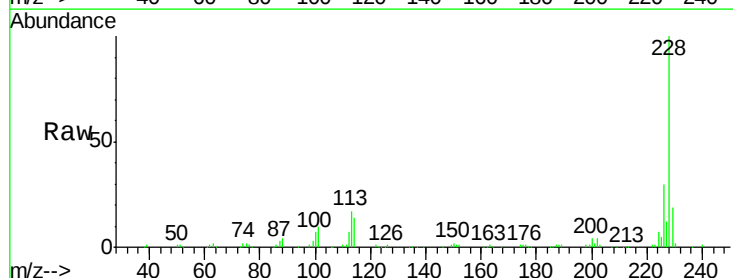


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

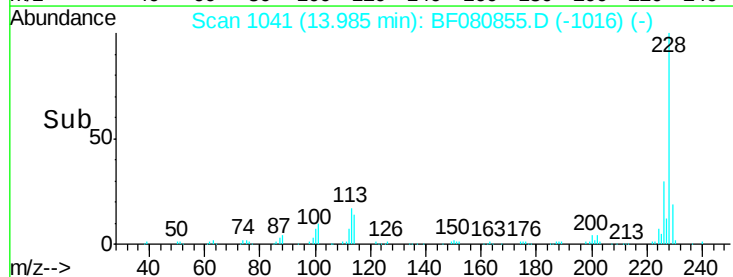
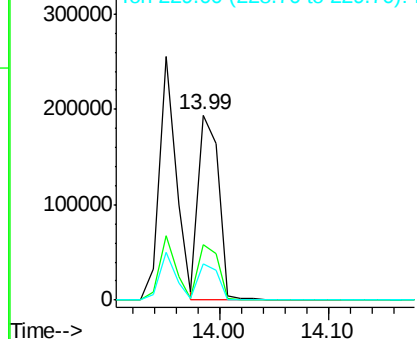


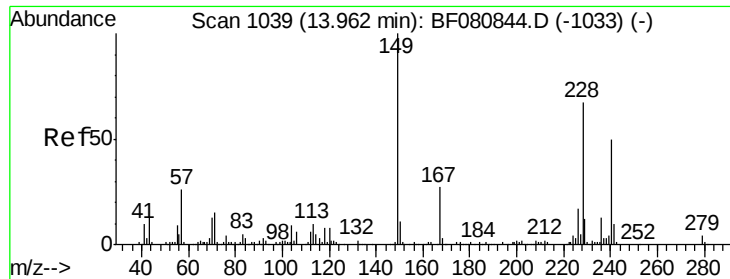
#82
 Chrysene
 Concen: 26.11 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	23.6	35.4
229	19.5	15.1	22.7



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





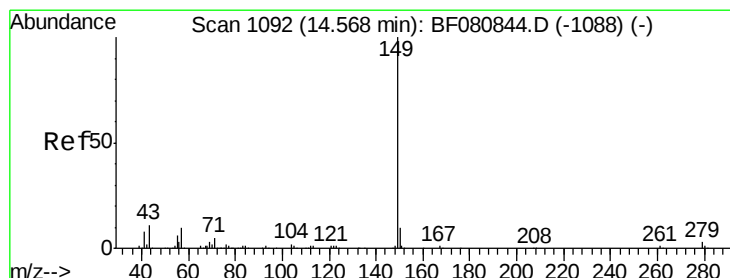
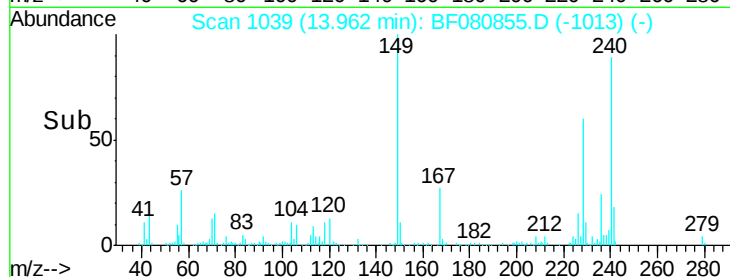
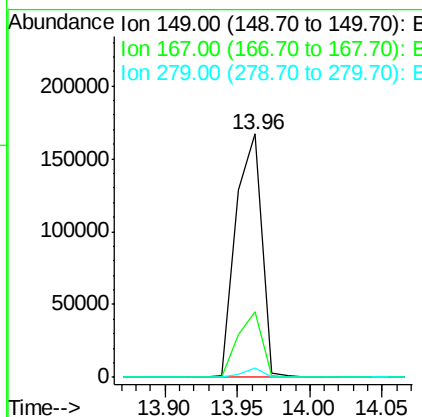
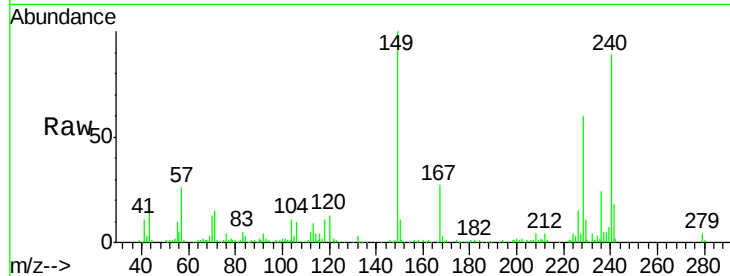
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	206710		
167	26.8	21.8	32.8	
279	3.8	3.0	4.4	

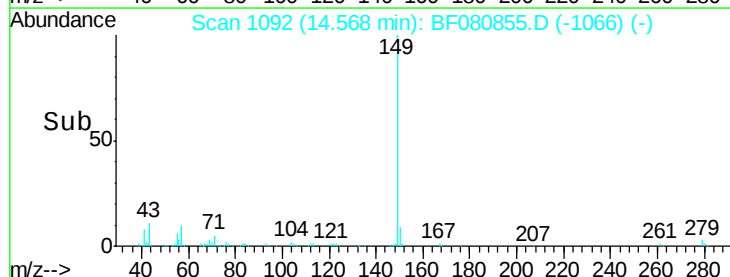
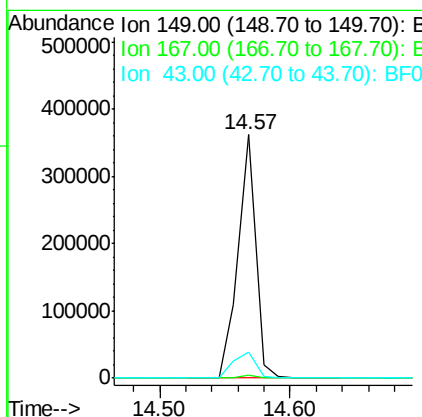
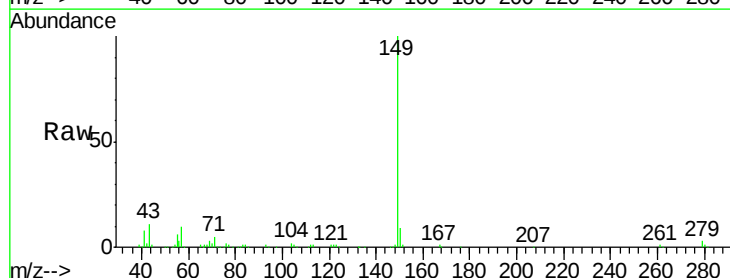
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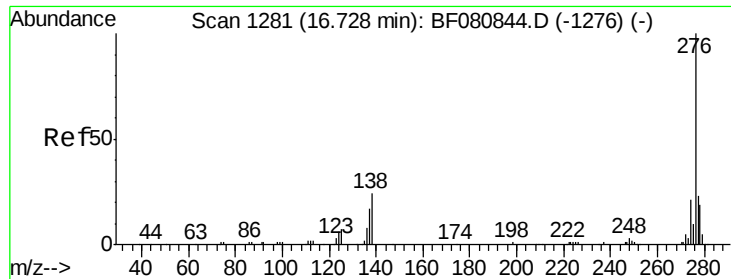
MMDadoda
 8/5/2015 7:01:05 PM



#84
 Di-n-octyl phthalate
 Concen: 29.19 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

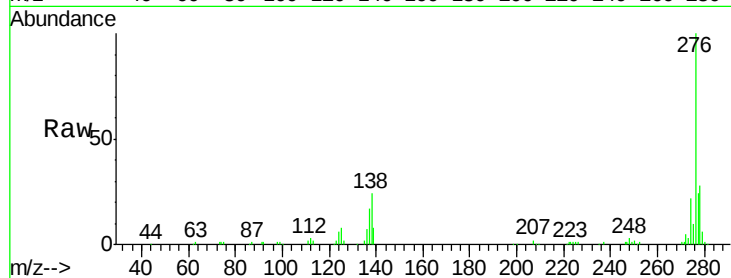
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	340065		
167	1.5	1.1	1.7	
43	13.4	10.3	15.5	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.22 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

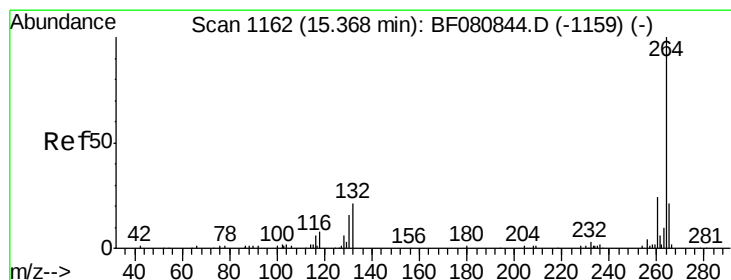
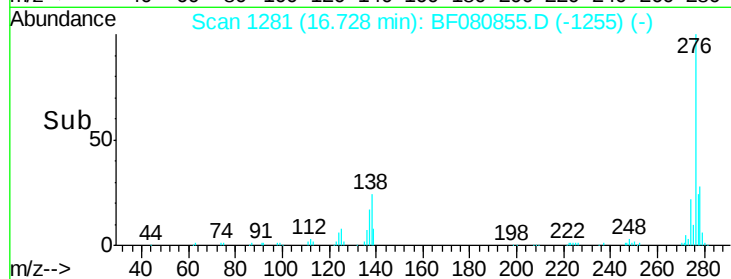
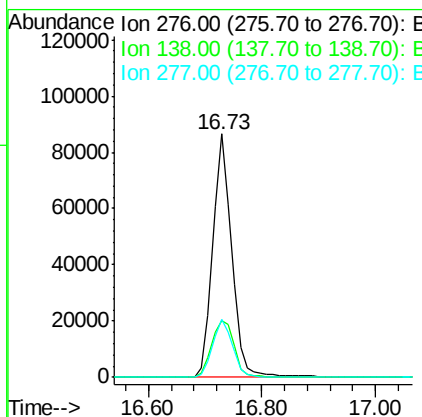
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	199711		
138	27.4	21.6	32.4	
277	24.6	19.6	29.4	

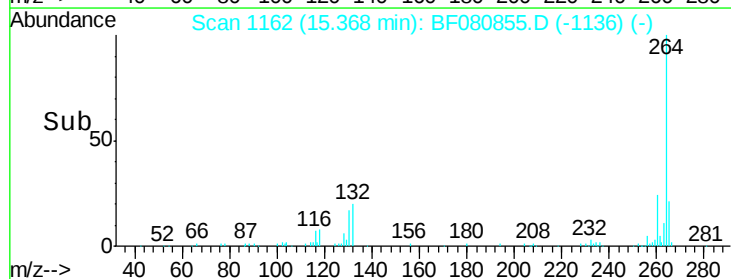
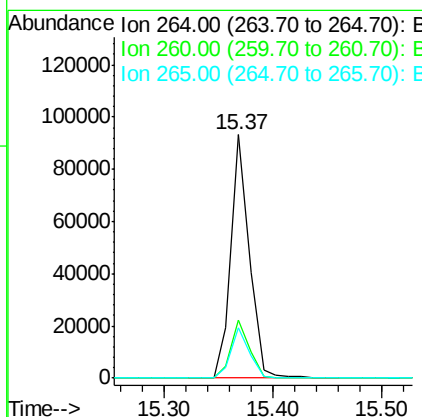
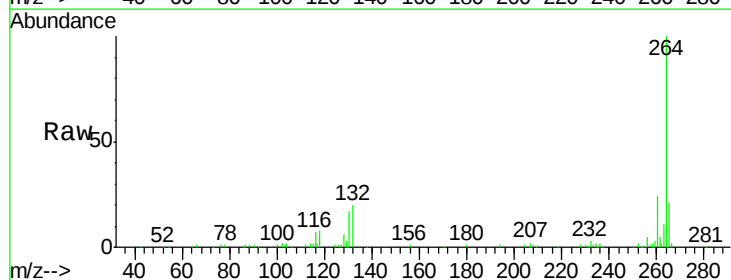
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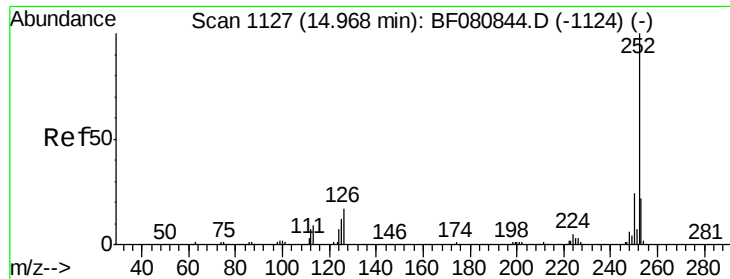
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	109181		
260	23.8	18.9	28.3	
265	20.9	16.8	25.2	





#87

Benzo(b)fluoranthene

Concen: 26.33 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080855.D

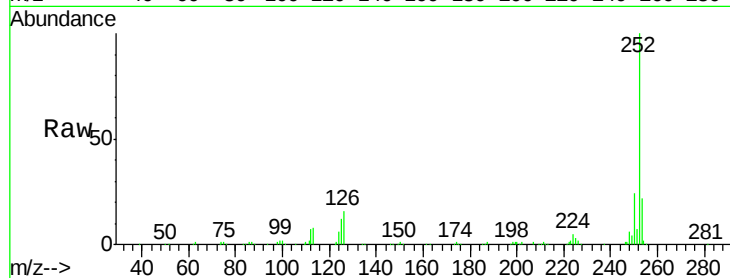
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD



Tgt Ion: 252 Resp: 215032

Ion Ratio Lower Upper

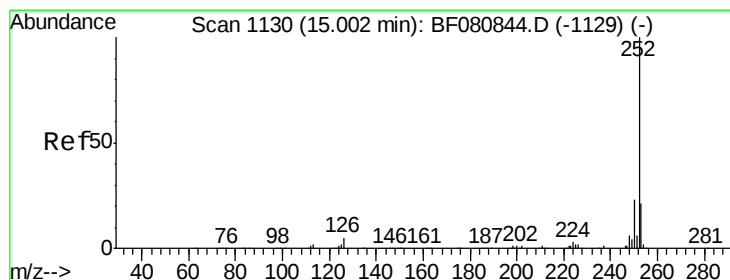
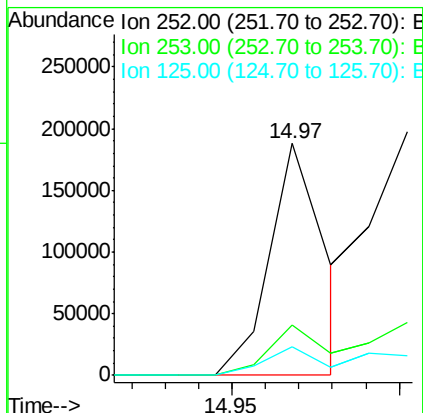
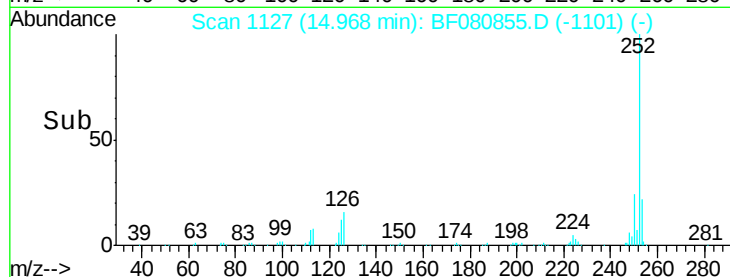
252 100

253 21.8 17.4 26.0

125 12.3 9.8 14.8

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#88

Benzo(k)fluoranthene

Concen: 36.77 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

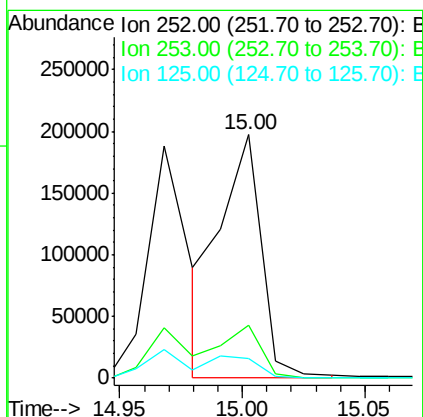
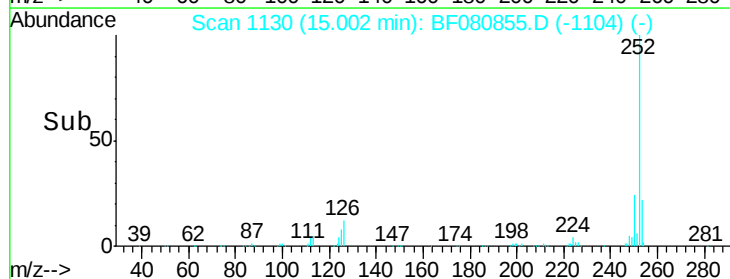
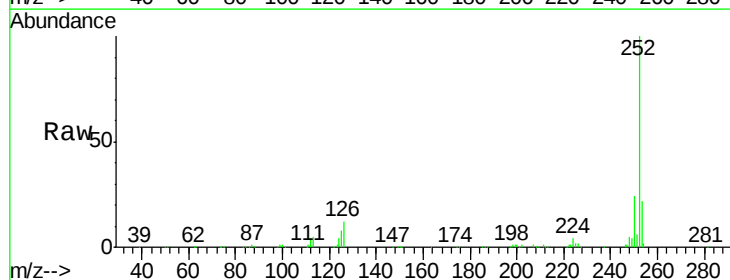
Tgt Ion: 252 Resp: 231173

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 8.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 31.16 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080855.D

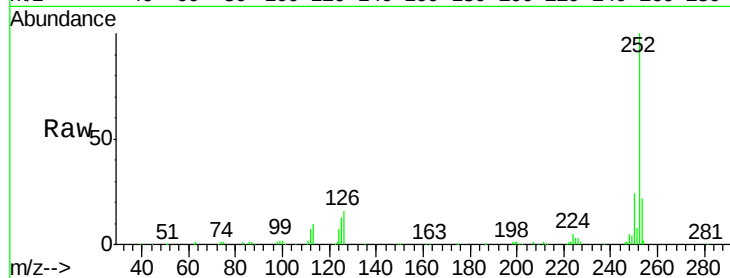
Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

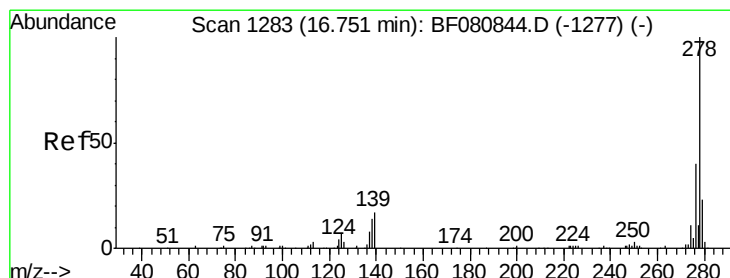
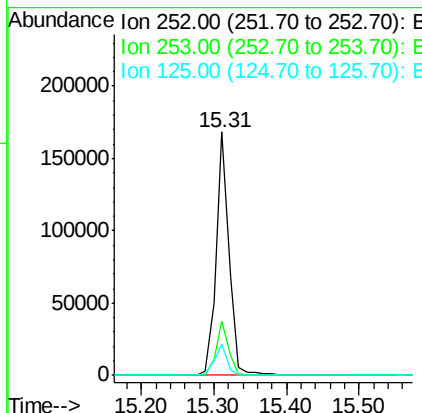
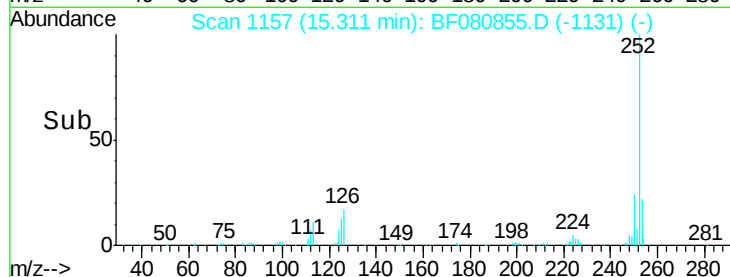
PB84838BSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.6	10.6	16.0

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#90

Dibenzo(a,h)anthracene

Concen: 29.01 ng

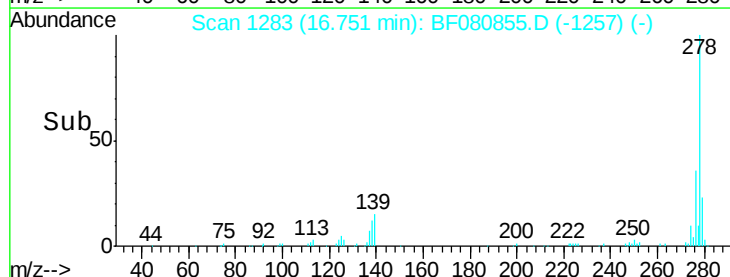
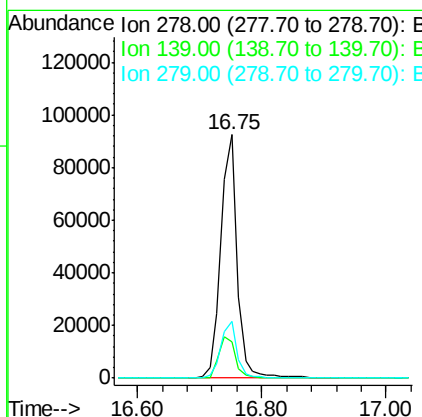
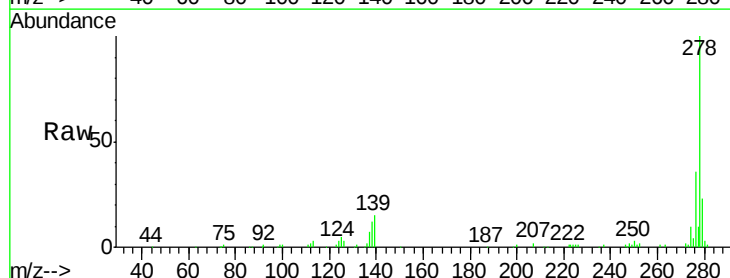
RT: 16.75 min Scan# 1283

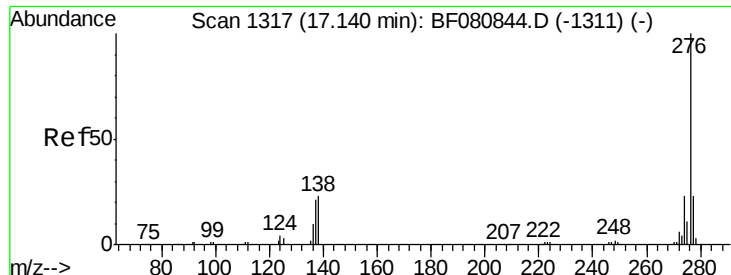
Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.4	20.0
279	23.4	18.4	27.6





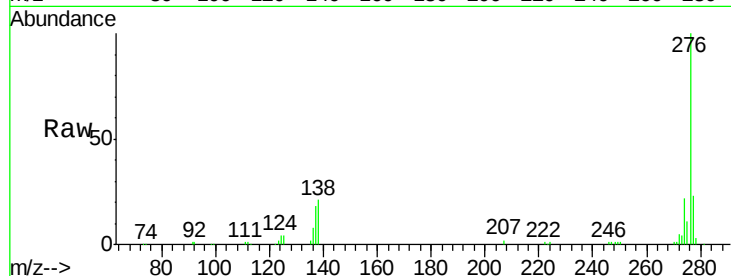
#91
 Benzo(g,h,i)perylene
 Concen: 29.70 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tgt Ion:	276	Resp:	166240
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.6	27.8
138	21.3	18.8	28.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

