

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083711.D
 Acq On : 11 Dec 2015 22:52
 Operator : UM/IZ
 Sample : PB87142BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:34 PM

Quant Time: Dec 11 23:25:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133810	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	533157	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	243083	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	456314	20.00	ng	0.00
75) Chrysene-d12	14.08	240	296701	20.00	ng	0.00
86) Perylene-d12	15.51	264	242357	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	985140	113.38	ng	0.01
7) Phenol-d6	6.56	99	1221505	113.84	ng	0.01
23) Nitrobenzene-d5	7.48	82	683786	86.98	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	311032	132.19	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1264112	76.60	ng	0.00
78) Terphenyl-d14	13.03	244	1208543	91.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	135421	31.87	ng	# 84
3) Pyridine	3.38	79	381958	34.60	ng	88
4) n-Nitrosodimethylamine	3.32	42	167187	37.25	ng	# 69
6) Aniline	6.58	93	303713	20.67	ng	# 85
8) 2-Chlorophenol	6.70	128	354761	37.36	ng	98
9) Benzaldehyde	6.46	77	141925	24.01	ng	94
10) Phenol	6.57	94	463951	37.22	ng	# 67
11) bis(2-Chloroethyl)ether	6.66	93	359603	39.52	ng	93
12) 1,3-Dichlorobenzene	6.86	146	382673	36.51	ng	98
13) 1,4-Dichlorobenzene	6.94	146	406260	38.38	ng	96
14) 1,2-Dichlorobenzene	7.09	146	354796	36.45	ng	97
15) Benzyl Alcohol	7.06	79	302963	40.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	442703	35.14	ng	68
17) 2-Methylphenol	7.17	107	300648	39.22	ng	# 85
18) Hexachloroethane	7.45	117	142201	39.69	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	234017	37.42	ng	94
20) 3+4-Methylphenols	7.32	107	376377	39.89	ng	# 75
22) Acetophenone	7.33	105	475796	37.33	ng	# 98
24) Nitrobenzene	7.50	77	393288	44.72	ng	# 85
25) Isophorone	7.74	82	664025	37.79	ng	95
26) 2-Nitrophenol	7.82	139	180777	49.90	ng	# 79
27) 2,4-Dimethylphenol	7.86	122	345990m	39.27	ng	
28) bis(2-Chloroethoxy)methane	7.96	93	417975	41.60	ng	# 95
29) 2,4-Dichlorophenol	8.06	162	316073	43.39	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	320786	39.72	ng	98
31) Naphthalene	8.24	128	1075949	40.88	ng	99
32) Benzoic acid	7.96	122	195067m	40.94	ng	
33) 4-Chloroaniline	8.27	127	110689m	10.11	ng	
34) Hexachlorobutadiene	8.36	225	174252	38.82	ng	96
35) Caprolactam	8.62	113	94450m	40.33	ng	
36) 4-Chloro-3-methylphenol	8.75	107	316444	39.68	ng	93
37) 2-Methylnaphthalene	8.92	142	684619	41.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	306036	40.36	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	307941	85.83	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	211695	40.74	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	191281	38.15	nq #	89
45) 1,1'-Biphenyl	9.39	154	836598	39.46	nq	95
46) 2-Chloronaphthalene	9.41	162	642148	40.19	nq	98
47) 2-Nitroaniline	9.49	65	162080	41.35	nq	91
48) Acenaphthylene	9.82	152	999145	37.94	nq	99
49) Dimethylphthalate	9.69	163	754393	40.34	nq	99
50) 2,6-Dinitrotoluene	9.74	165	164251	45.23	nq #	60
51) Acenaphthene	10.00	154	635009	40.73	nq	99
52) 3-Nitroaniline	9.90	138	86247	21.18	nq #	71
53) 2,4-Dinitrophenol	10.01	184	112704	92.72	nq #	57
54) Dibenzofuran	10.17	168	837518	40.34	nq	91
55) 4-Nitrophenol	10.06	139	330111	95.36	nq #	75
56) 2,4-Dinitrotoluene	10.14	165	233206	50.50	nq #	65
57) Fluorene	10.51	166	657681	39.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	173490	46.72	nq #	100
59) Diethylphthalate	10.38	149	676704	38.61	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	285129	36.27	nq #	87
61) 4-Nitroaniline	10.52	138	159721	42.31	nq	86
62) Azobenzene	10.66	77	647279	38.79	nq	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	87144	45.69	nq	89
65) n-Nitrosodiphenylamine	10.61	169	580293	38.31	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	194026	39.78	nq	93
67) Hexachlorobenzene	11.06	284	215673	40.60	nq	96
68) Atrazine	11.14	200	166901	38.64	nq	96
69) Pentachlorophenol	11.24	266	256885	86.64	nq	98
70) Phenanthrene	11.47	178	1060050	42.56	nq	99
71) Anthracene	11.52	178	950434	36.96	nq	99
72) Carbazole	11.66	167	868281	36.78	nq #	95
73) Di-n-butylphthalate	12.01	149	1038248	40.36	nq	100
74) Fluoranthene	12.65	202	989483	37.96	nq	96
76) Benzidine	12.76	184	187854	16.42	nq	99
77) Pyrene	12.88	202	1002215	42.84	nq	98
79) Butylbenzylphthalate	13.49	149	363614	48.48	nq #	91
80) Benzo(a)anthracene	14.05	228	757753	43.59	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	138205	25.02	nq	98
82) Chrysene	14.10	228	745758	44.61	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	377781	46.57	nq	100
84) Di-n-octyl phthalate	14.67	149	535564	43.68	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	725077	40.30	nq #	100
87) Benzo(b)fluoranthene	15.09	252	597549	39.67	nq	99
88) Benzo(k)fluoranthene	15.13	252	586965m	40.87	nq	
89) Benzo(a)pyrene	15.45	252	576821	42.11	nq	99
90) Dibenzo(a,h)anthracene	16.96	278	608233	44.82	nq #	95
91) Benzo(g,h,i)perylene	17.37	276	633954	44.30	nq	98

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

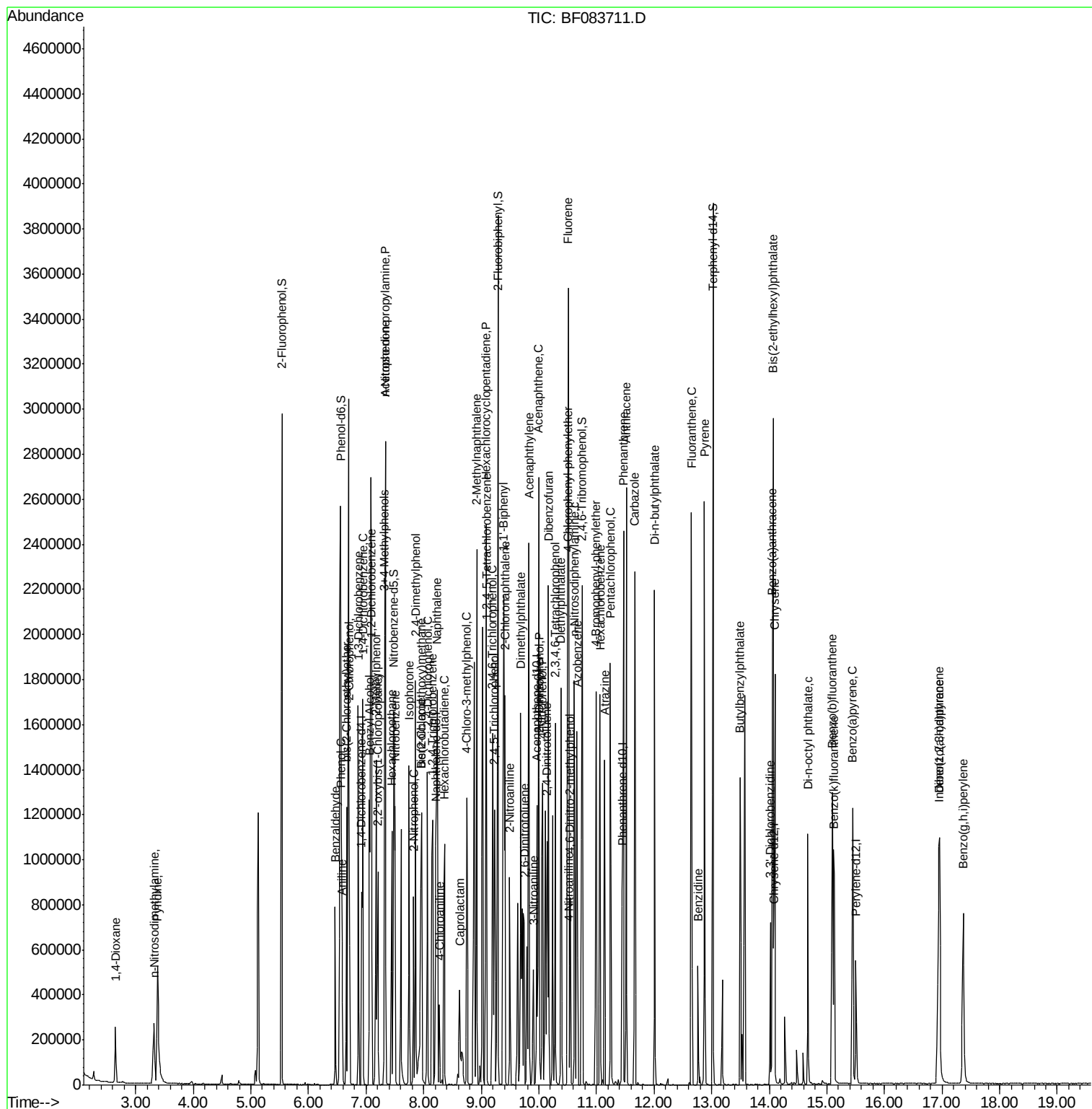
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Operator  : UM/IZ  
Sample    : PB87142BS  
Misc      :  
ALS Vial  : 14      Sample Multiplier: 1
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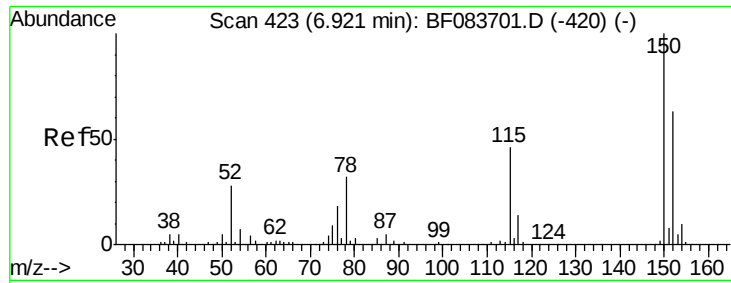
Instrument :
BNA_F
ClientSampleId :
PB87142BS

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#1

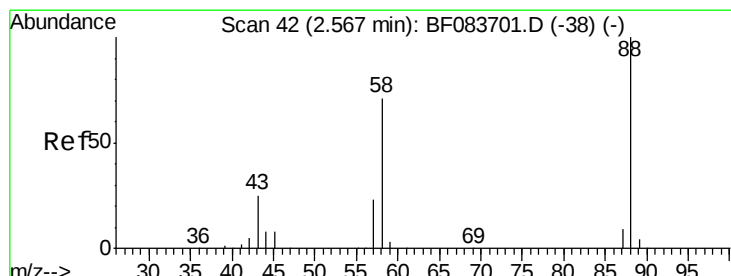
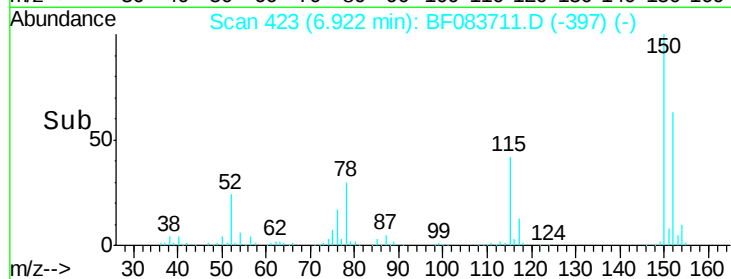
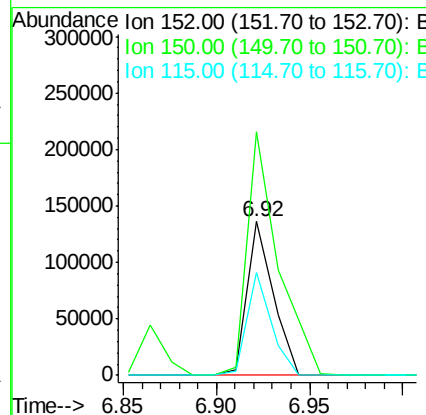
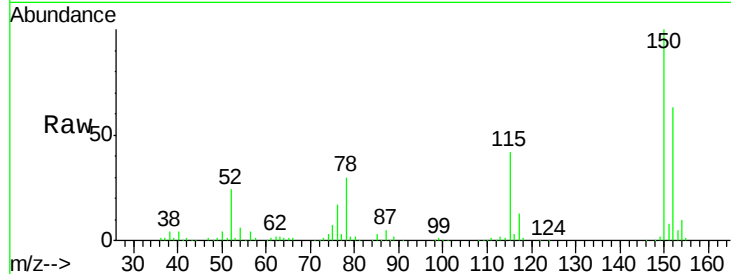
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.5	189.7
115	67.2	52.3	78.5

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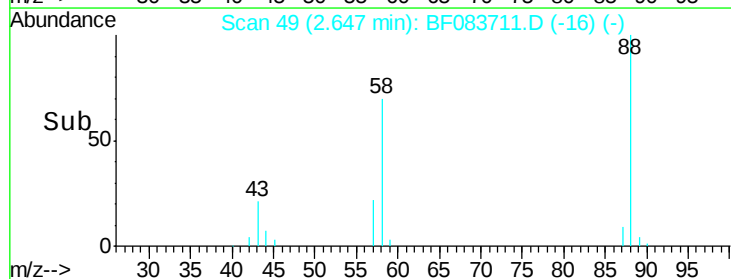
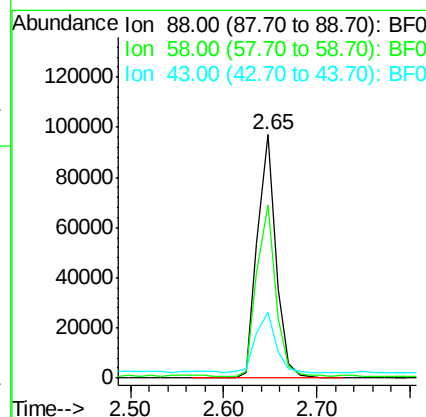
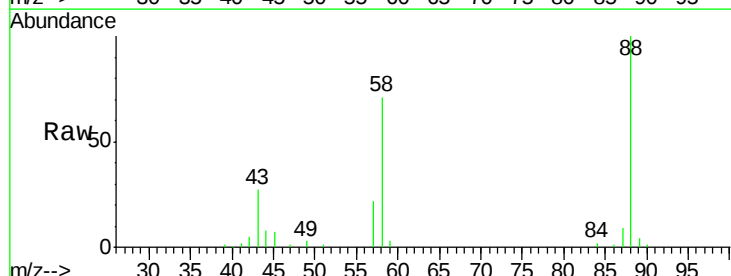
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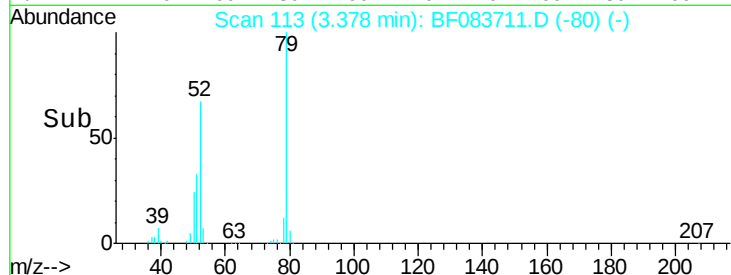
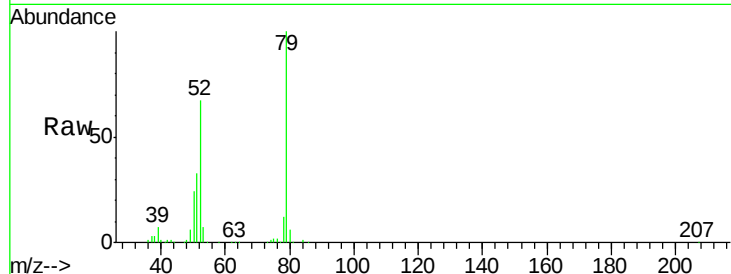
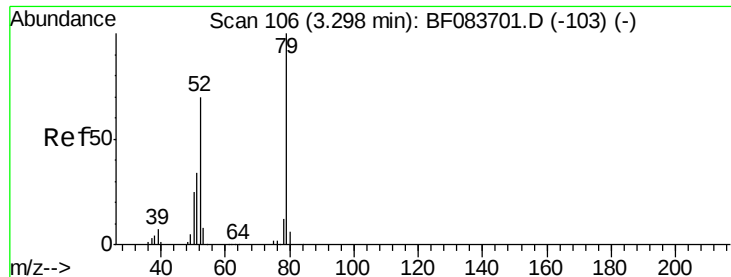


#2

1,4-Dioxane
Concen: 31.87 ng
RT: 2.65 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	68.0	102.0
43	25.9	27.9	41.9#





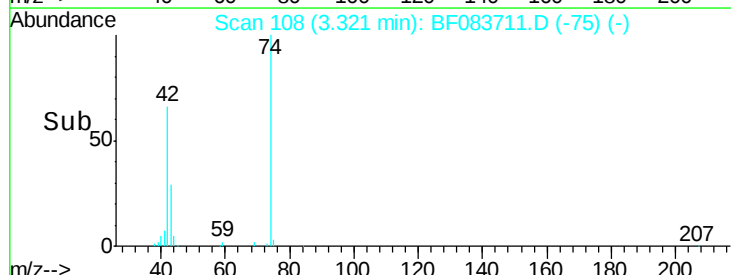
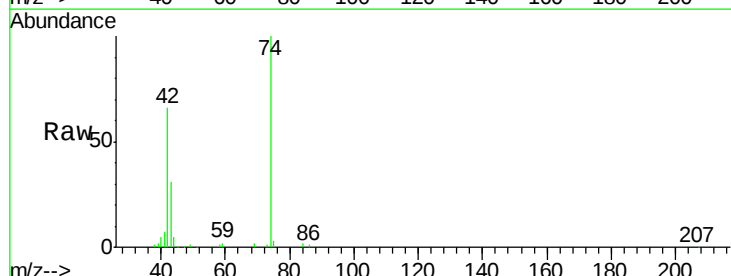
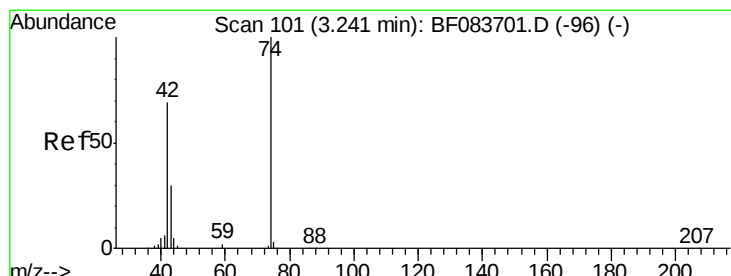
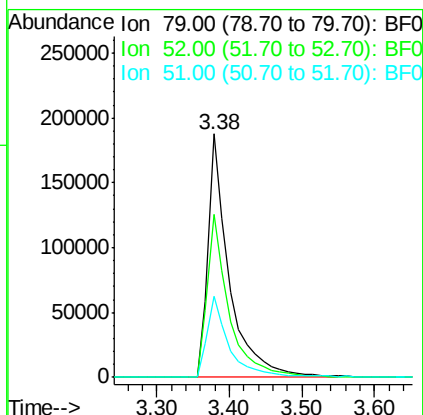
#3
Pvridine
Concen: 34.60 ng
RT: 3.38 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tot Ion:	79	Resp:	381958
Ion Ratio	Lower	Upper	
79	100		
52	67.0	63.7	95.5
51	33.0	30.6	45.8

Instrument :
BNA_F
ClientSampleId :
PB87142BS

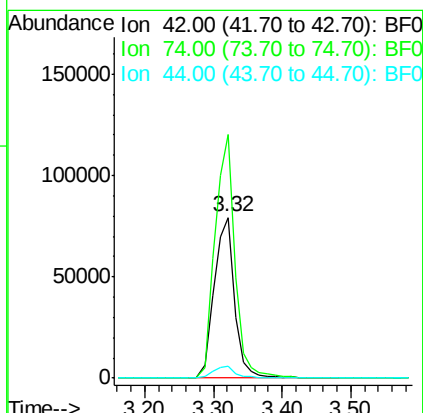
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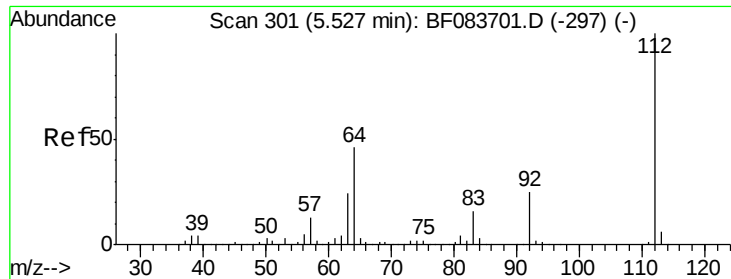
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#4
n-Nitrosodimethylamine
Concen: 37.25 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:	42	Resp:	167187
Ion Ratio	Lower	Upper	
42	100		
74	151.6	92.9	139.3#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 113.38 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

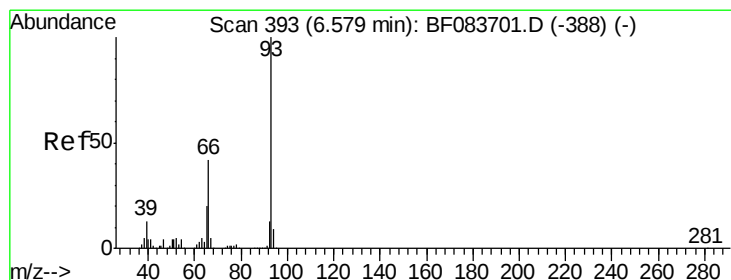
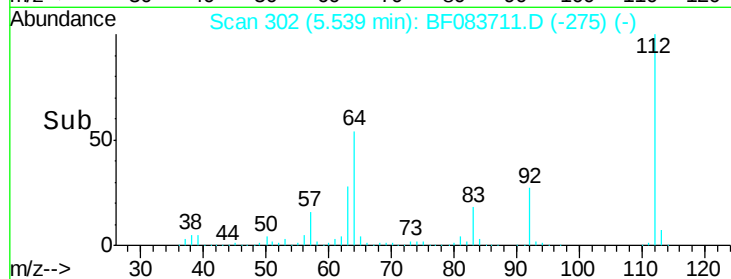
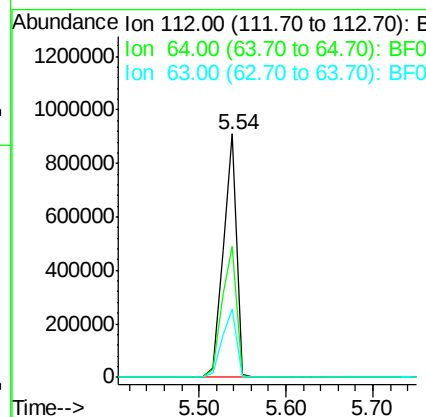
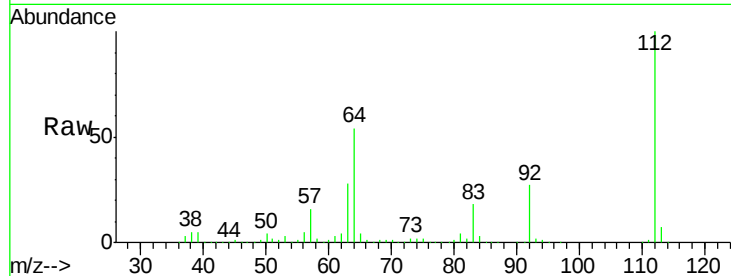
ClientSampleId :

PB87142BS

Tot Ion:	112	Resp:	985140
Ion Ratio	Lower	Upper	
112	100		
64	54.0	50.5	75.7
63	28.1	25.8	38.6

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#6

Aniline

Concen: 20.67 ng

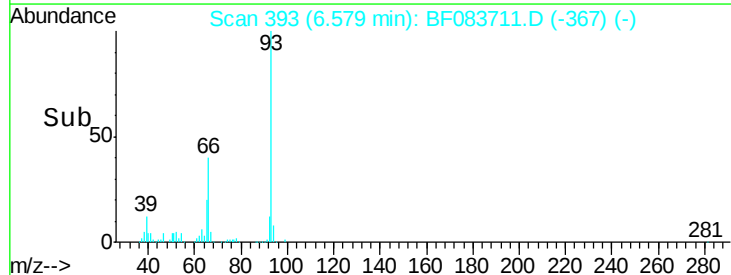
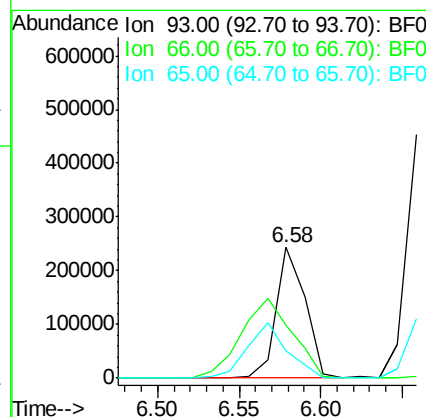
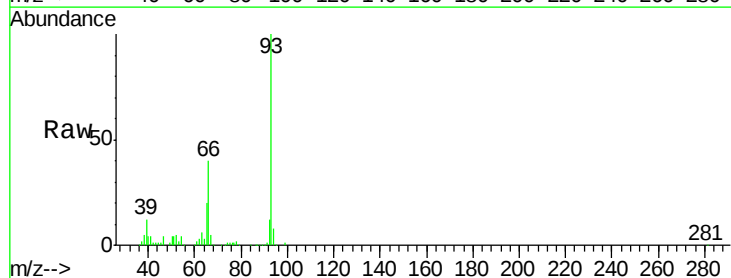
RT: 6.58 min Scan# 393

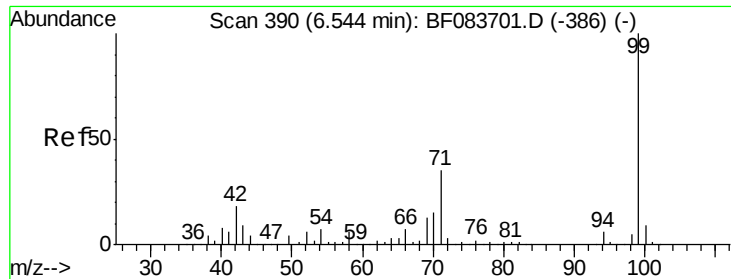
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	93	Resp:	303713
Ion Ratio	Lower	Upper	
93	100		
66	40.1	41.3	61.9#
65	20.5	20.8	31.2#





#7

Phenol-d6

Concen: 113.84 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

Tot Ion: 99 Resp: 1221505

Ion Ratio Lower Upper

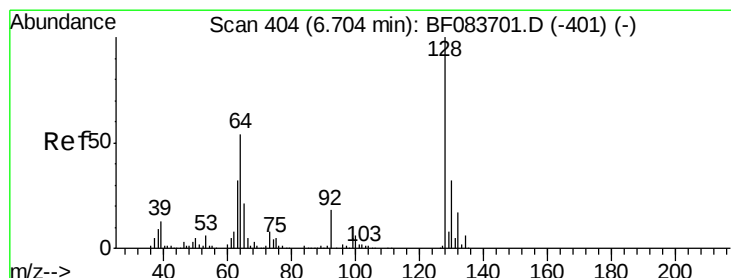
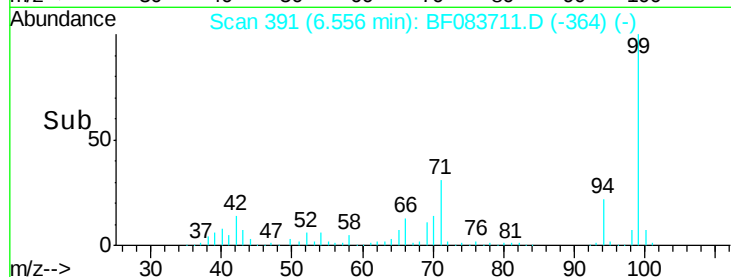
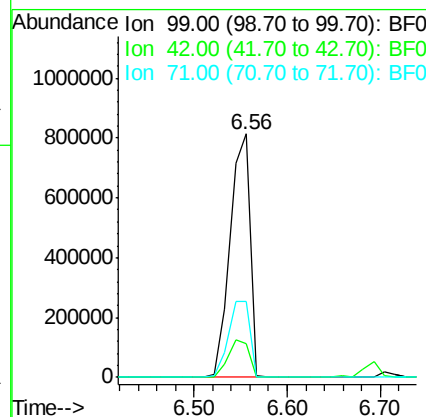
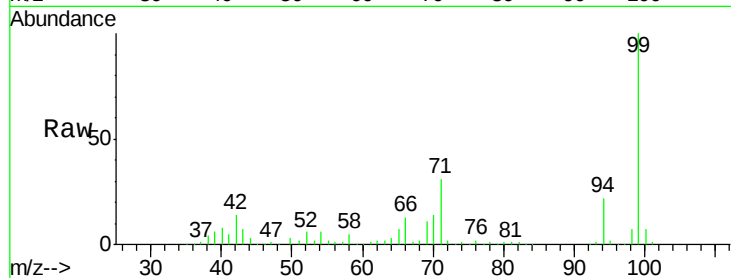
99 100

42 13.7 17.3 25.9#

71 31.4 26.6 40.0

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#8

2-Chlorophenol

Concen: 37.36 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

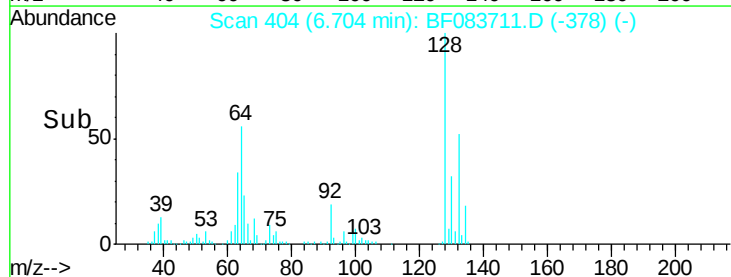
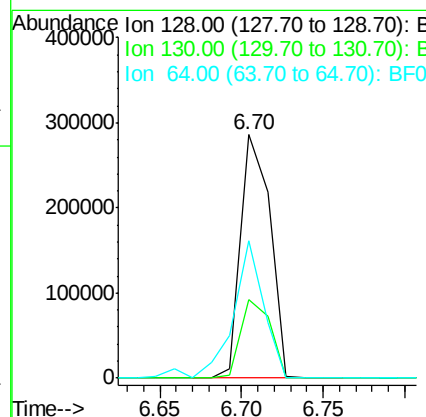
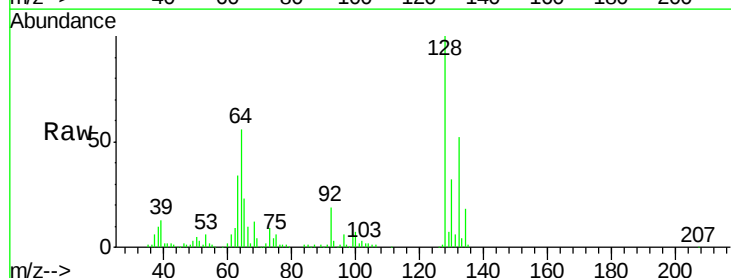
Tgt Ion:128 Resp: 354761

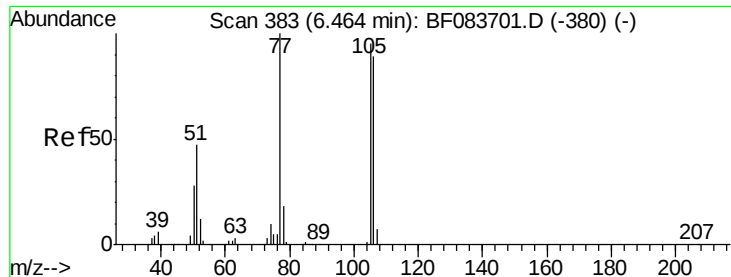
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 56.2 38.6 78.6





#9

Benzaldehyde

Concen: 24.01 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083711.D

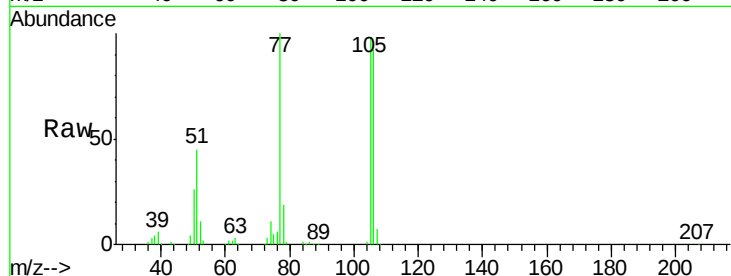
Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

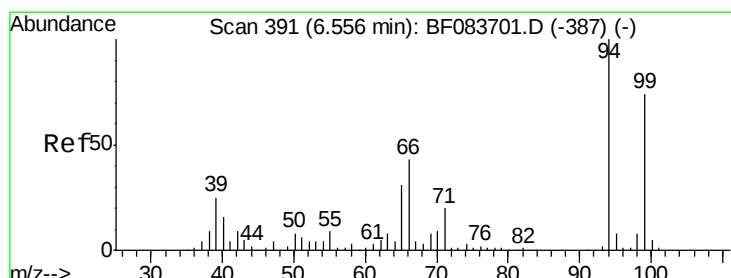
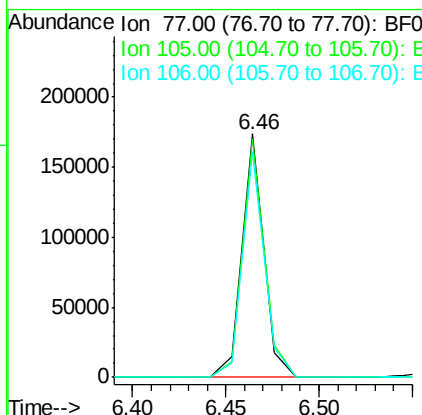
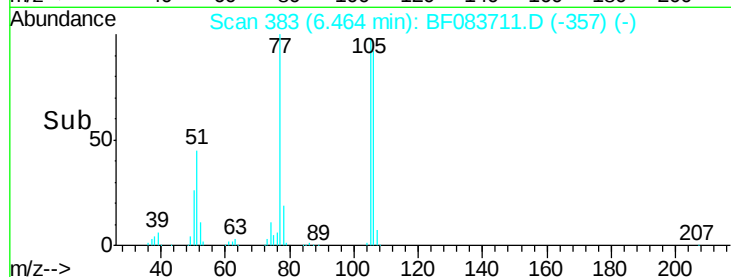
PB87142BS



Tot Ion:	77	Resp:	141925
Ion Ratio	Lower	Upper	
77	100		
105	98.1	71.8	111.8
106	92.5	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 37.22 ng

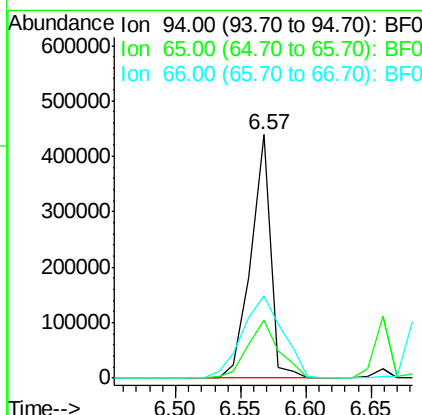
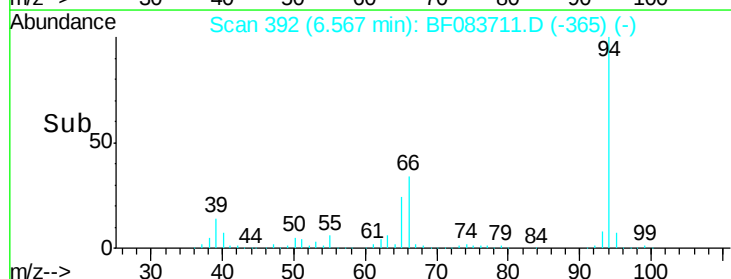
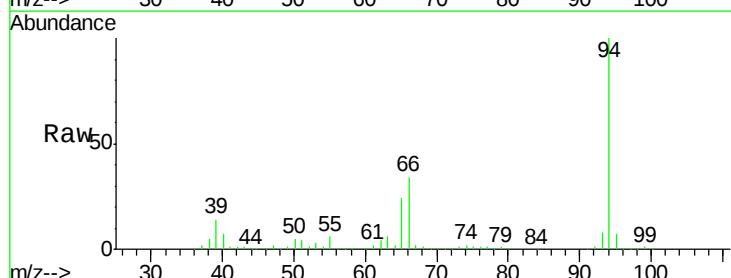
RT: 6.57 min Scan# 392

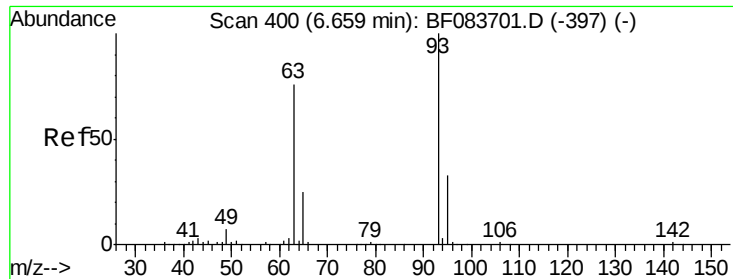
Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	94	Resp:	463951
Ion Ratio	Lower	Upper	
94	100		
65	23.7	20.9	60.9
66	33.7	41.6	81.6#





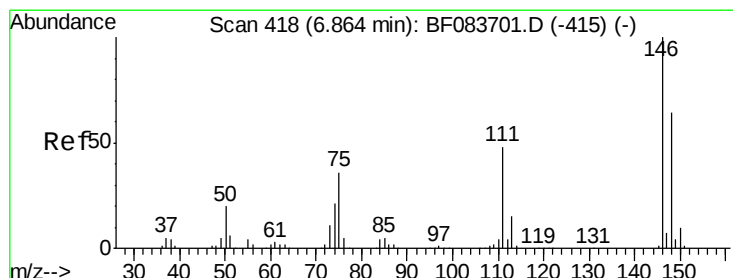
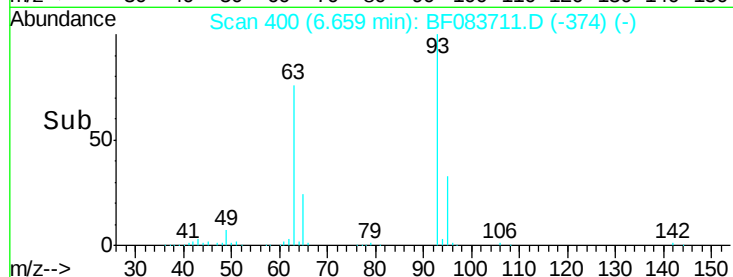
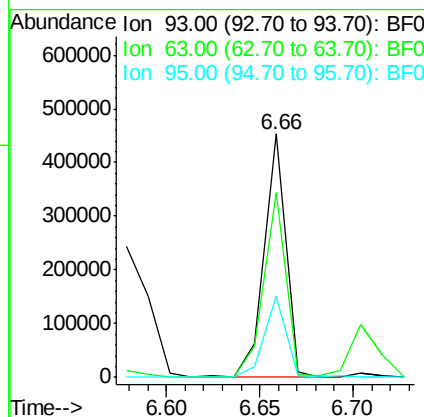
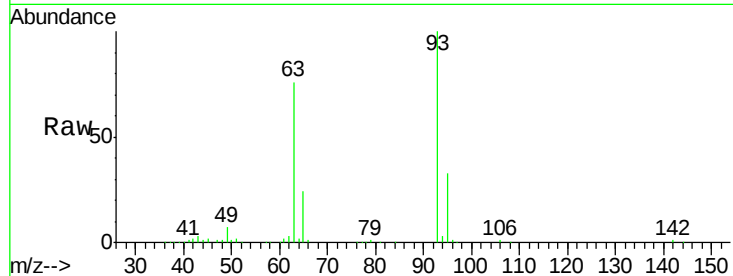
#11
bis(2-Chloroethyl)ether
Concen: 39.52 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	64.7	104.7
95	33.2	12.7	52.7

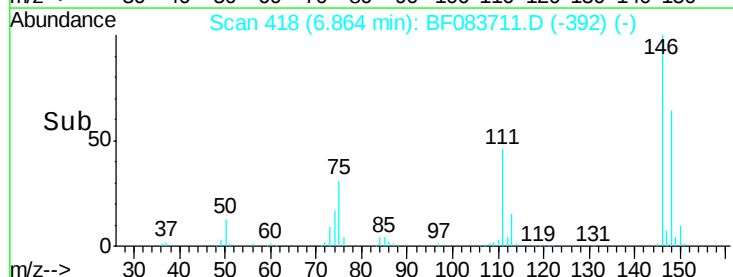
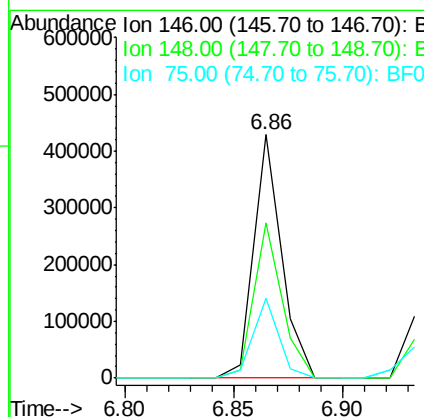
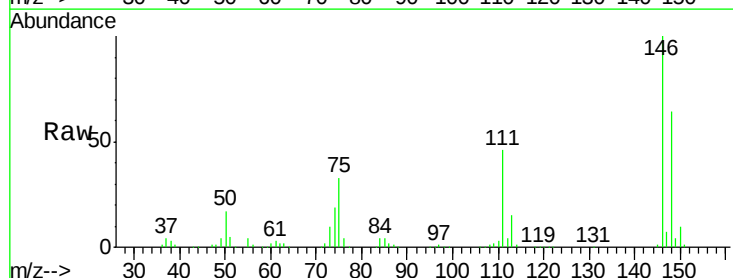
Manual Integrations
APPROVED

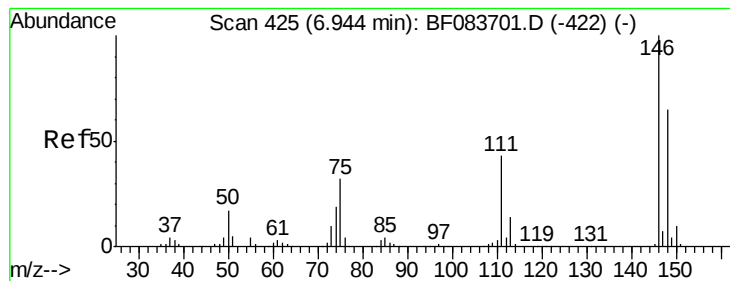
MMdadoda
12/14/2015 6:22:34 PM



#12
1,3-Dichlorobenzene
Concen: 36.51 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	32.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 38.38 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

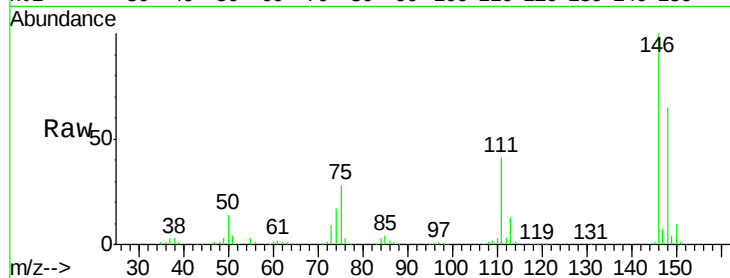
ClientSampleId :

PB87142BS

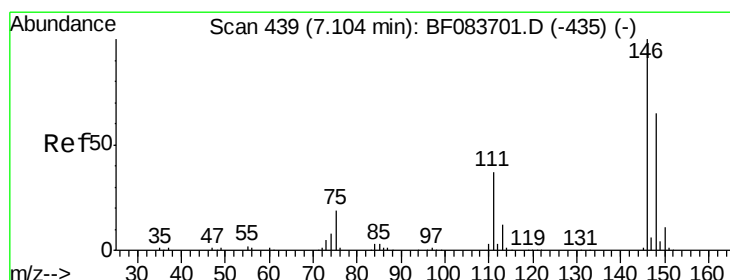
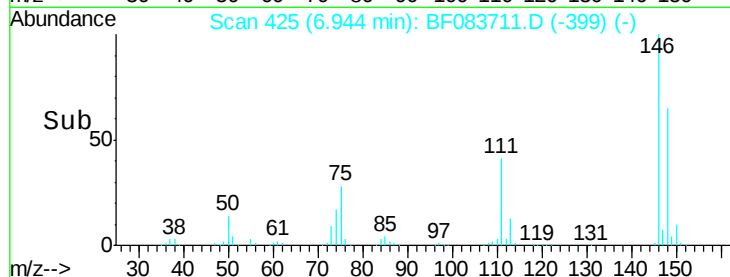
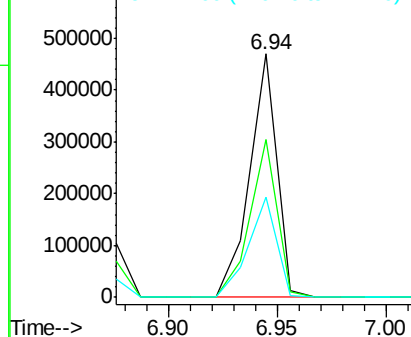
Tot Ion:	146	Resp:	406260
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.6	76.0
111	41.2	36.1	54.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.45 ng

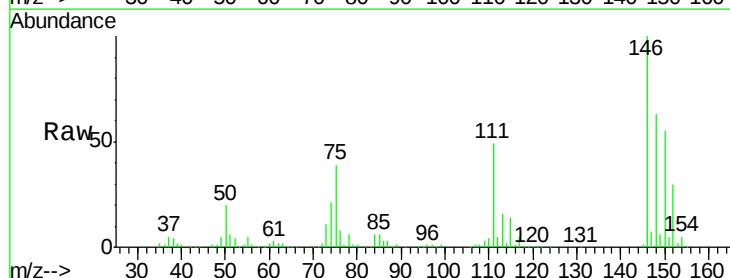
RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

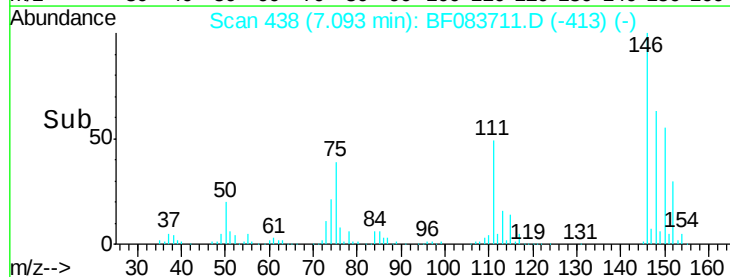
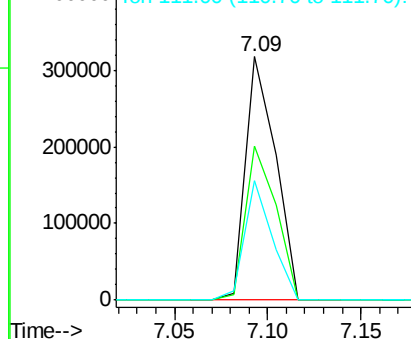
Lab File: BF083711.D

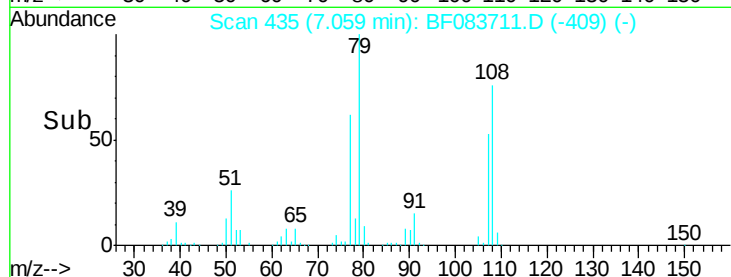
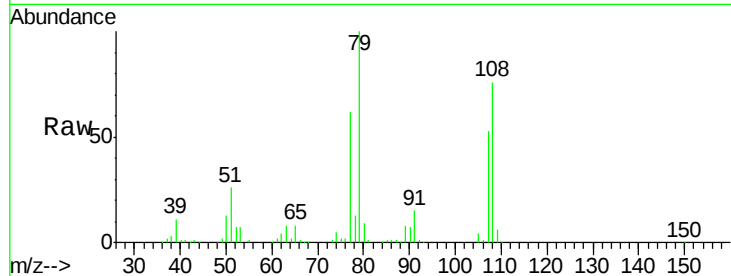
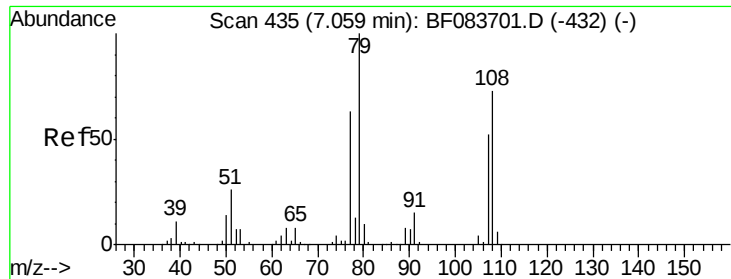
Acq: 11 Dec 2015 22:52

Tgt Ion:	146	Resp:	354796
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.0
111	49.3	36.7	55.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.19 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tot Ion:	79	Resp:	302963
Ion Ratio	Lower	Upper	
79	100		
108	76.2	59.6	89.4
77	62.3	49.8	74.6

Instrument :

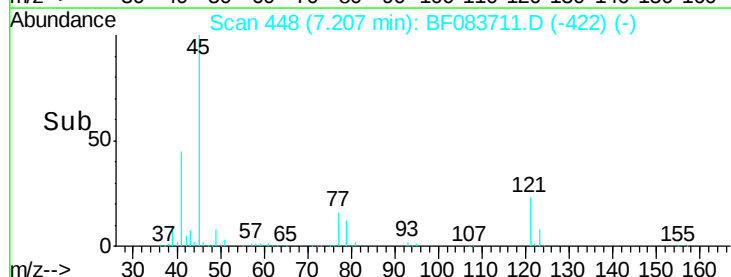
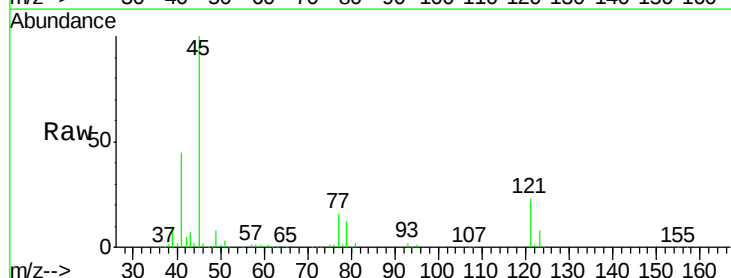
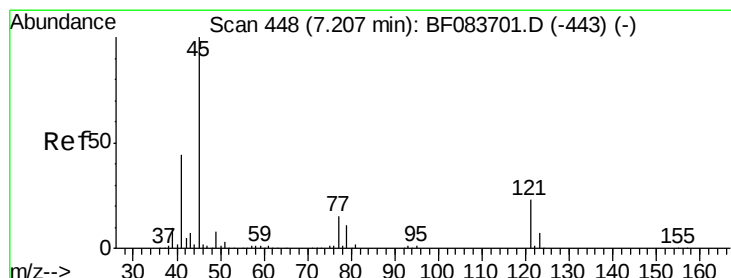
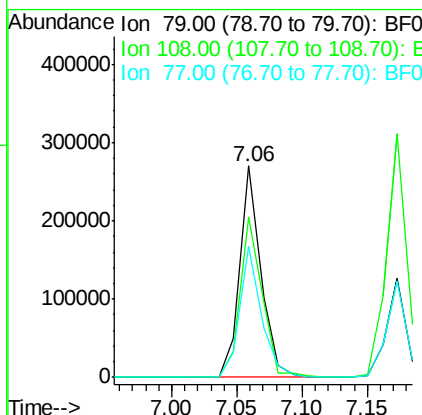
BNA_F

ClientSampleId :

PB87142BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.14 ng

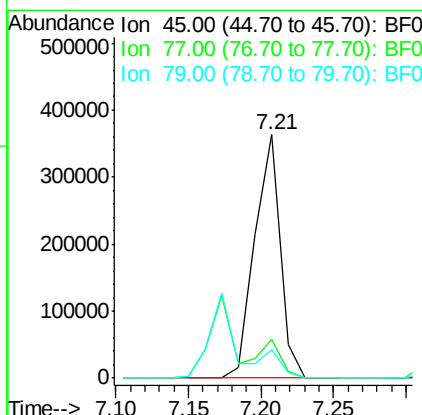
RT: 7.21 min Scan# 448

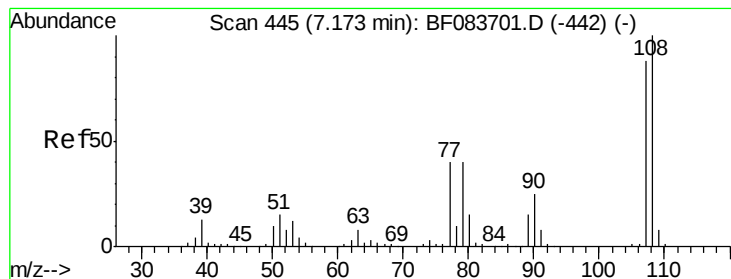
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	45	Resp:	442703
Ion Ratio	Lower	Upper	
45	100		
77	15.9	12.8	52.8
79	11.9	10.7	50.7





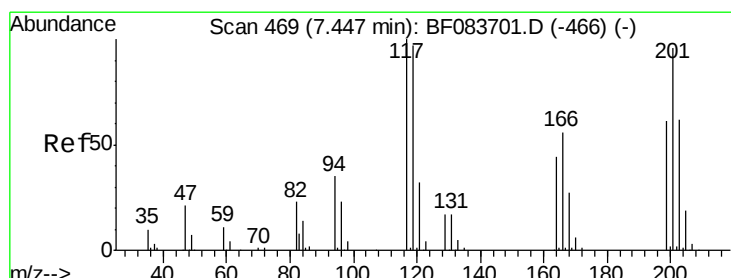
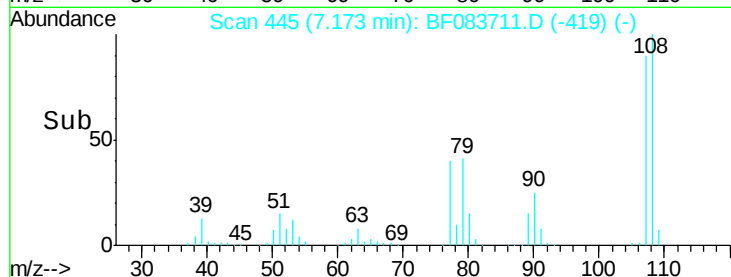
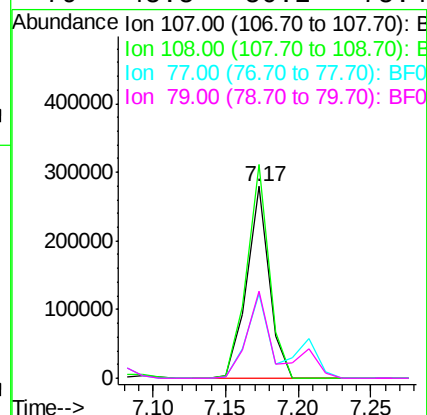
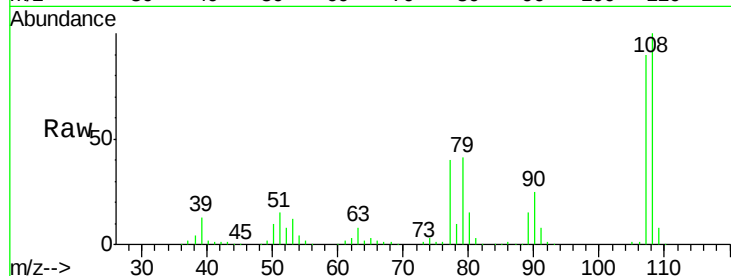
#17
2-Methylphenol
Concen: 39.22 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	91.6	137.4	
77	44.3	53.7	80.5	
79	45.5	50.2	75.4	

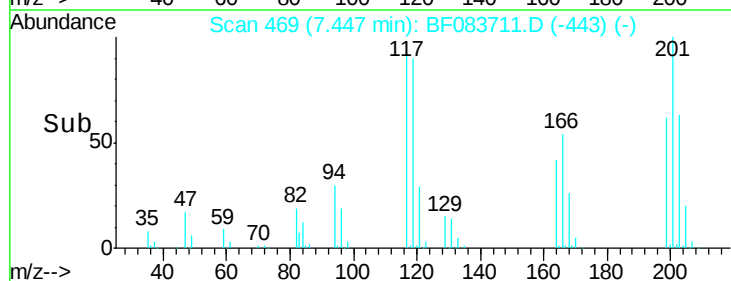
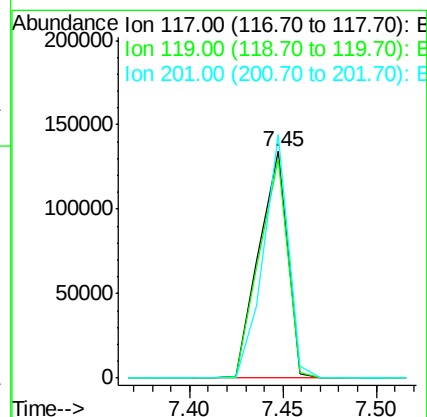
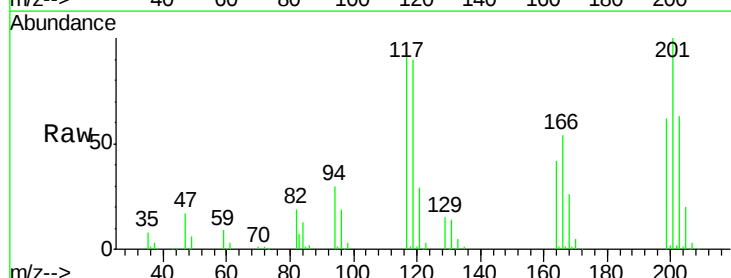
Manual Integrations
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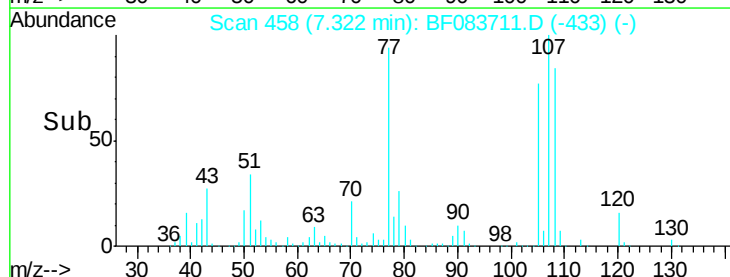
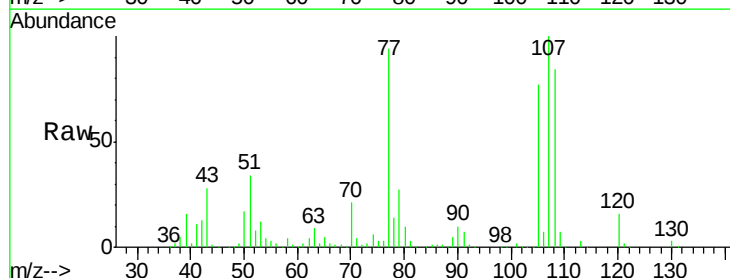
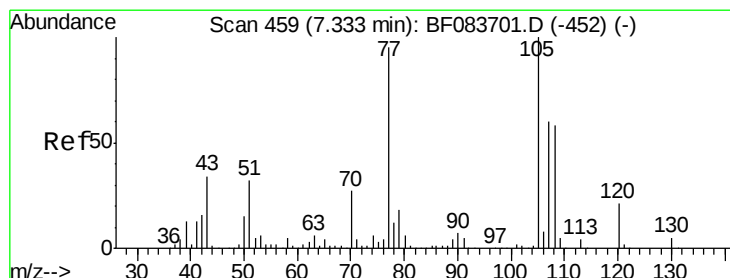
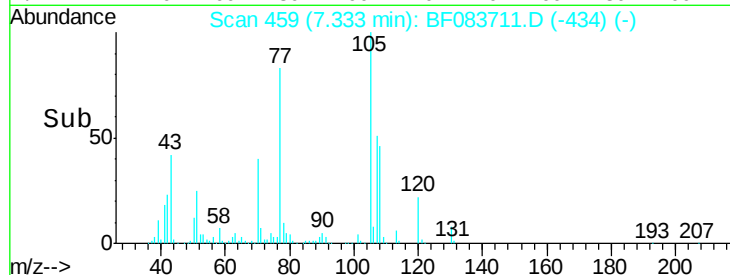
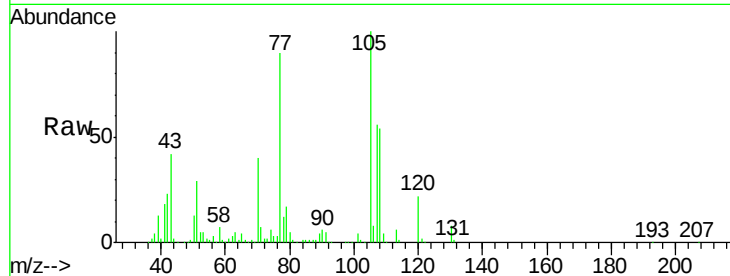
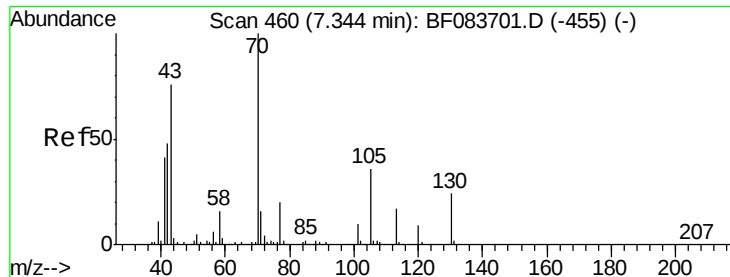
MMdadoda
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#18
Hexachloroethane
Concen: 39.69 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.2	115.8	
201	107.3	86.8	130.2	





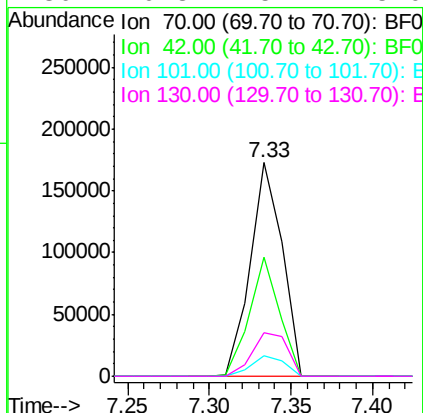
#19
n-Nitroso-di-n-propylamine
Concen: 37.42 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	49.2	73.8	
101	9.4	7.1	10.7	
130	20.3	15.4	23.0	

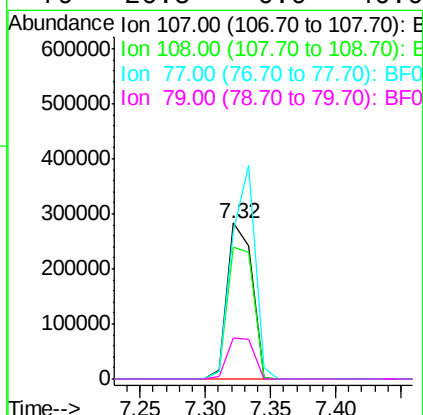
Manual Integrations
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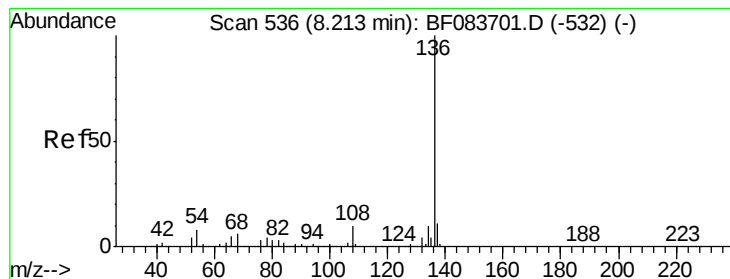
MMdadoda
12/14/2015 6:22:34 PM



#20
3+4-Methylphenols
Concen: 39.89 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	65.2	105.2	
77	93.9	15.2	55.2	#
79	26.5	6.0	46.0	





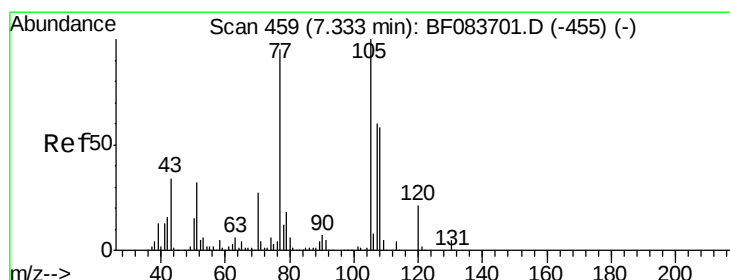
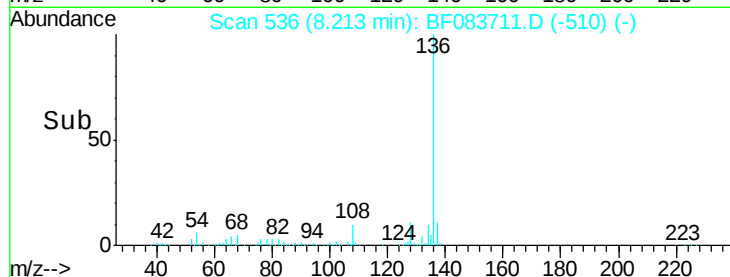
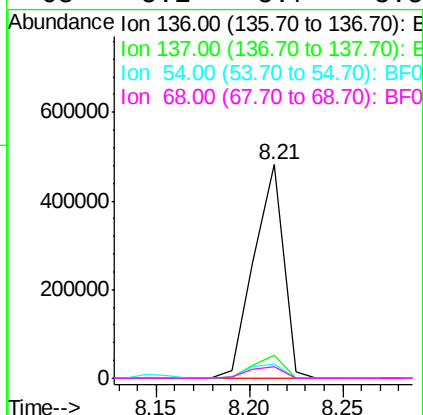
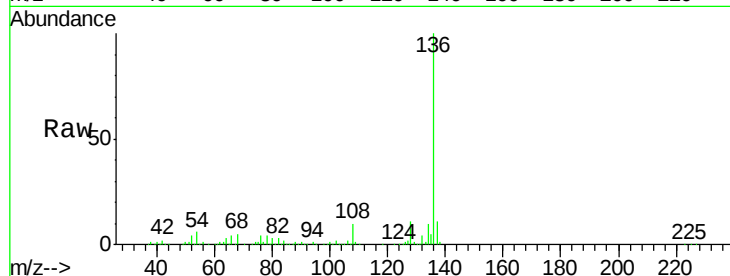
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	7.8	11.6#
68	5.1	5.7	8.5#

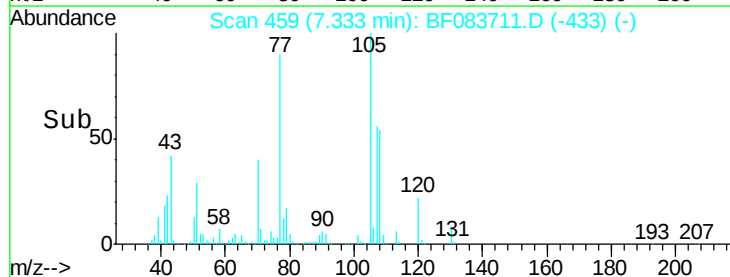
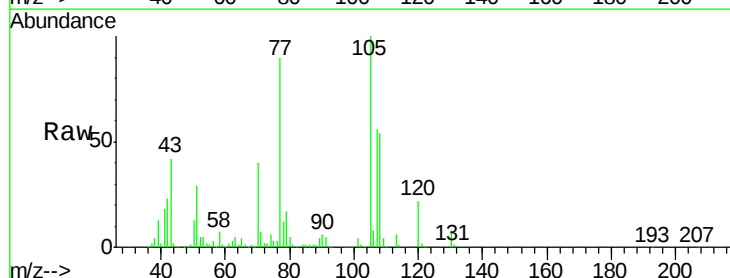
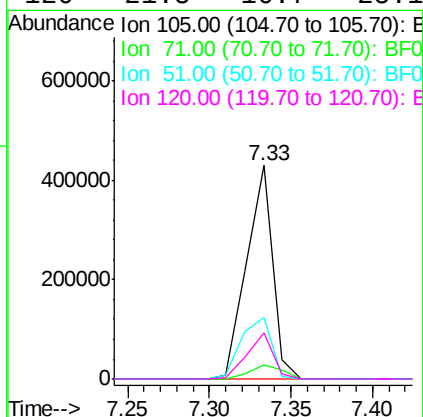
Manual Integrations
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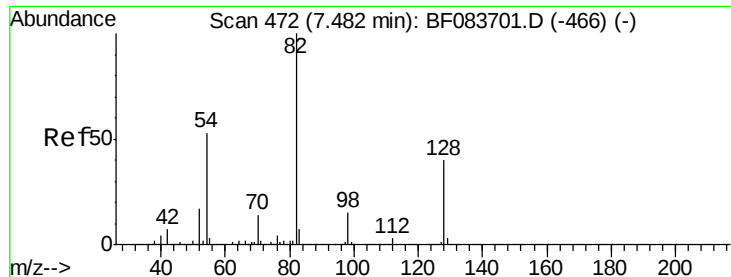
MMdadoda
12/14/2015 6:22:34 PM



#22
Acetophenone
Concen: 37.33 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.7	1.3	1.9#
51	28.6	23.8	35.8
120	21.5	16.7	25.1





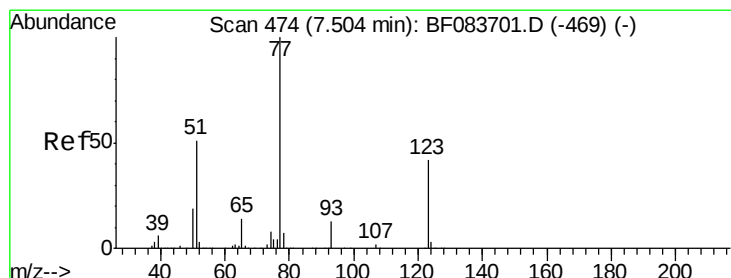
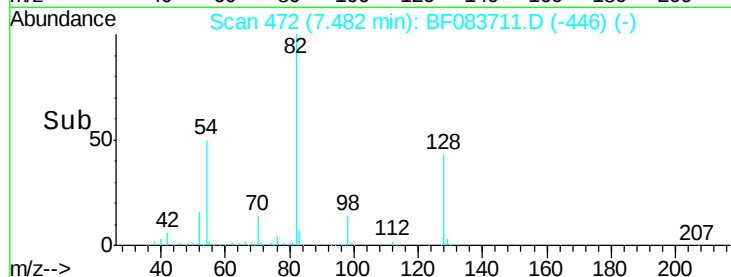
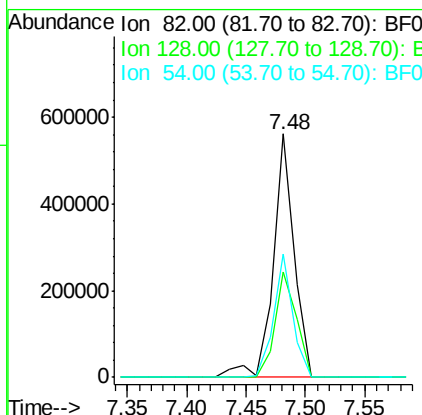
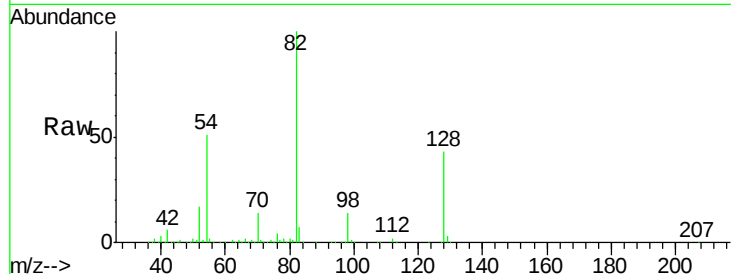
#23
 Nitrobenzene-d5
 Concen: 86.98 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	30.7	46.1
54	50.6	42.5	63.7

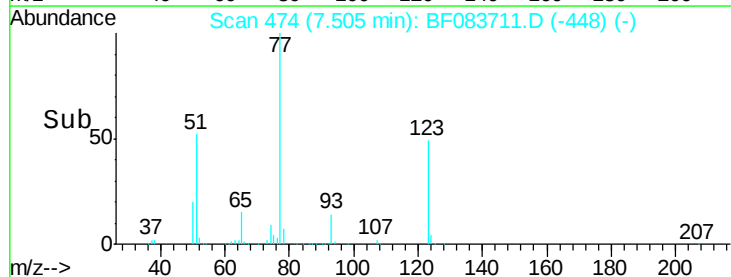
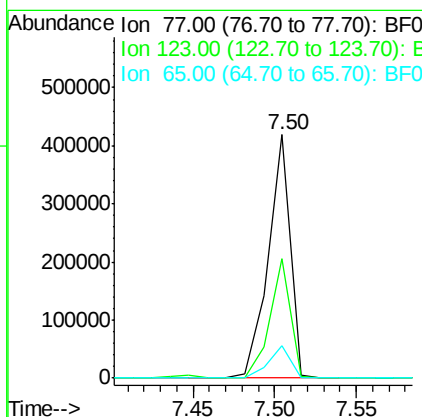
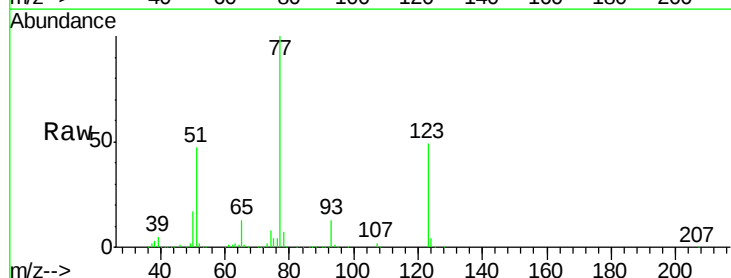
Manual Integrations
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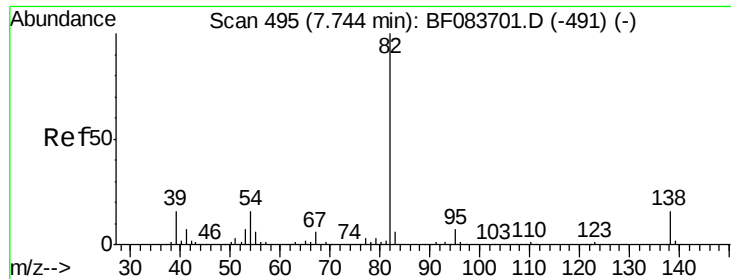
MMdadoda
 12/14/2015 6:22:34 PM



#24
 Nitrobenzene
 Concen: 44.72 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	29.8	44.6#
65	13.1	11.1	16.7





#25

Isophorone

Concen: 37.79 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

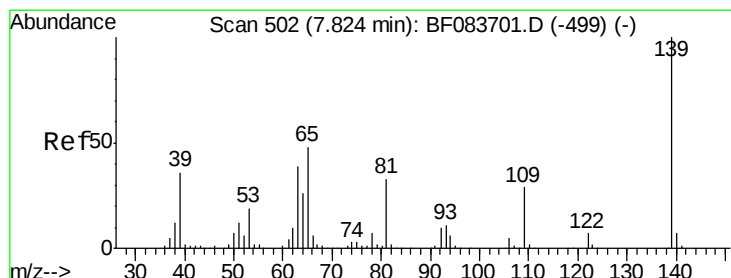
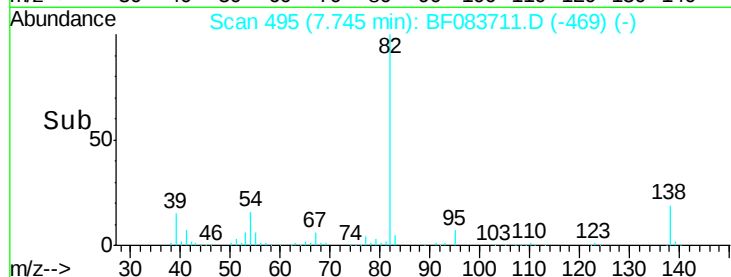
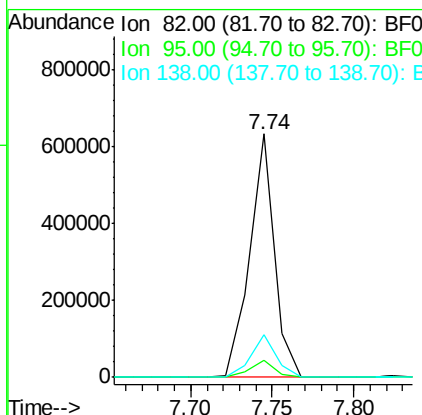
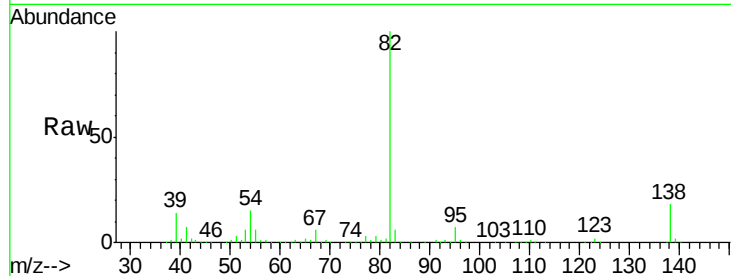
ClientSampleId :

PB87142BS

Tot Ion:	82	Resp:	664025
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.0	7.4
138	17.7	12.1	18.1

Manual Integrations
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MMdadoda
12/14/2015 6:22:34 PM



#26

2-Nitrophenol

Concen: 49.90 ng

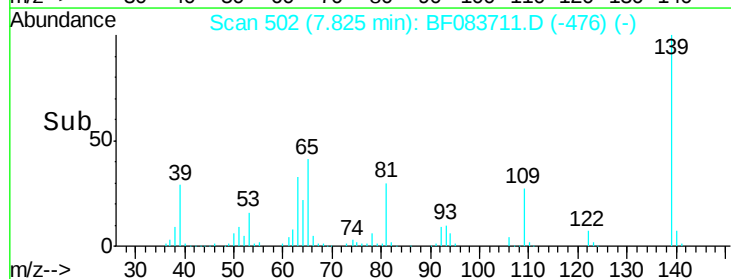
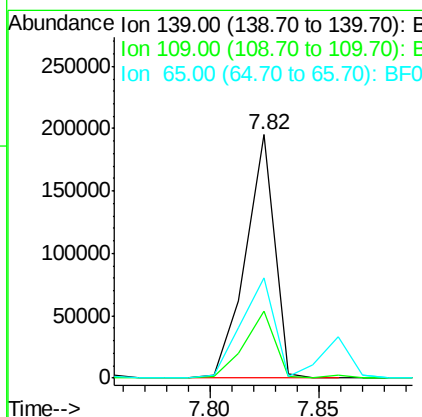
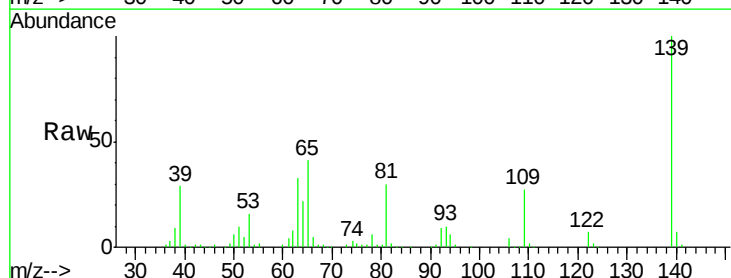
RT: 7.82 min Scan# 502

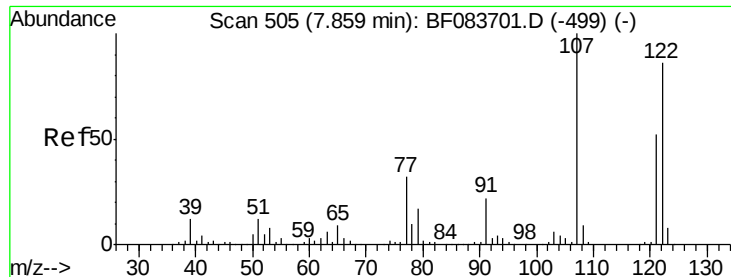
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	139	Resp:	180777
Ion Ratio		Lower	Upper
139	100		
109	27.4	22.7	34.1
65	41.3	51.8	77.8#





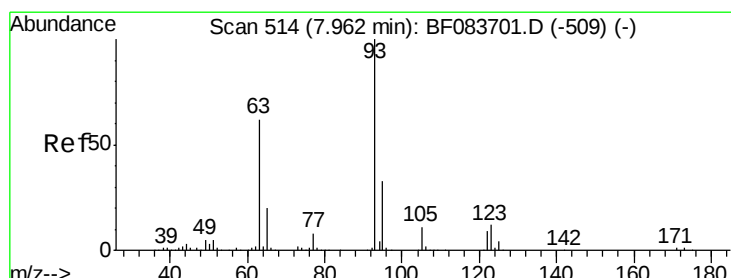
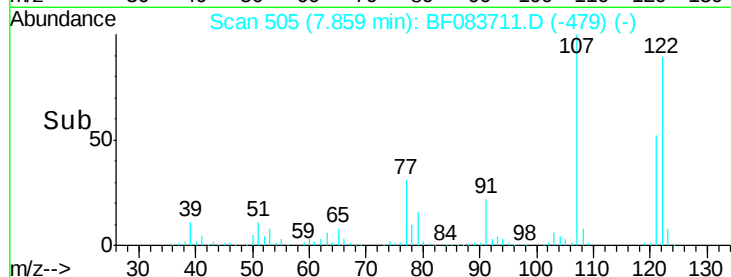
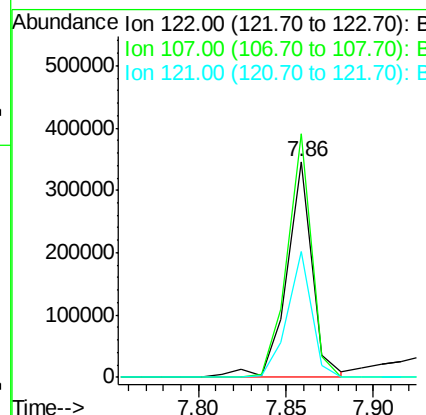
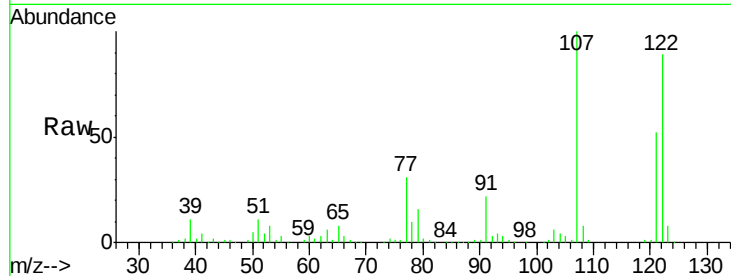
#27
2,4-Dimethylphenol
Concen: 39.27 ng/mL
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	345990		
107	112.9	92.4	138.6	
121	58.6	45.8	68.6	

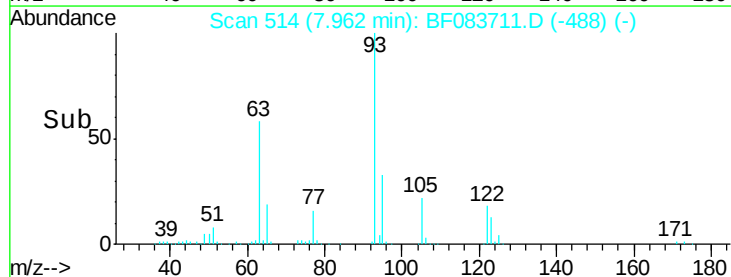
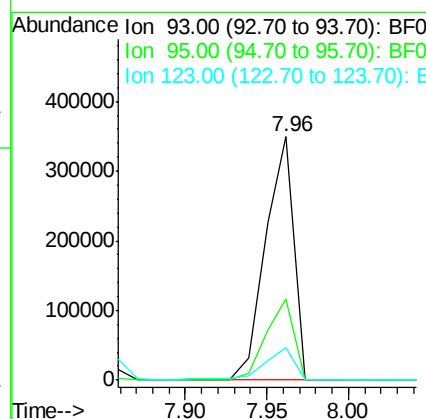
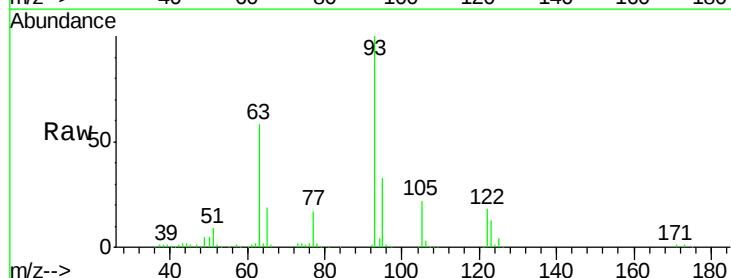
Manual Integrations
APPROVED

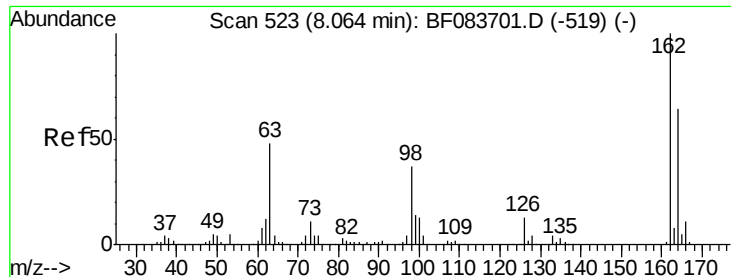
MMdadoda
12/14/2015 6:22:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.60 ng/mL
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	417975		
95	33.5	25.6	38.4	
123	13.4	7.3	10.9	





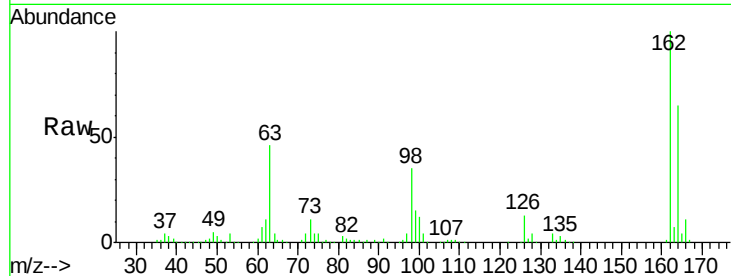
#29
 2,4-Dichlorophenol
 Concen: 43.39 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		316073		
164	64.9	43.4		83.4	
98	35.5	17.5		57.5	

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MMdadoda
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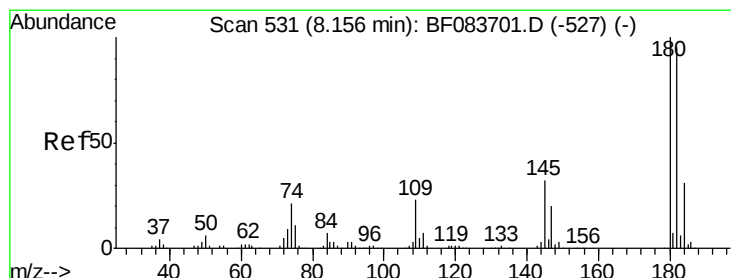
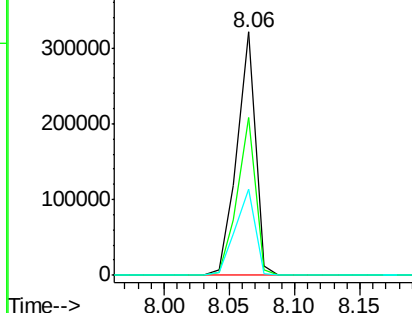
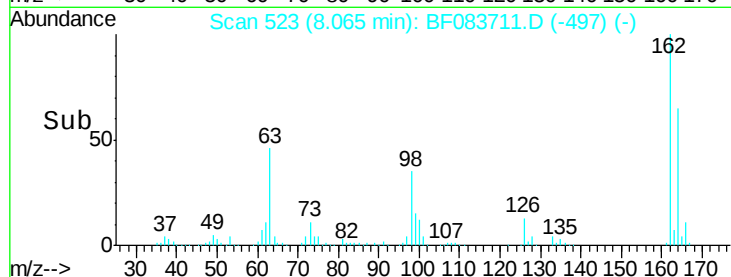


Abundance

Ion 162.00 (161.70 to 162.70): E

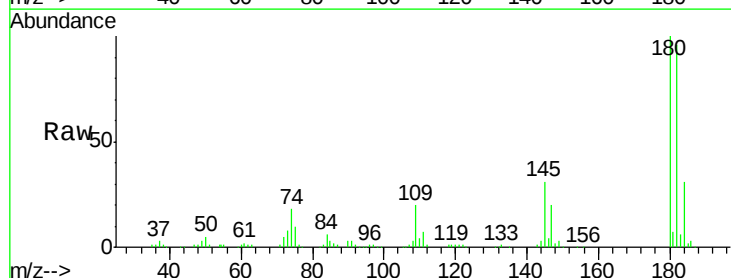
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.72 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		320786		
182	95.6	74.9		112.3	
145	30.6	24.7		37.1	

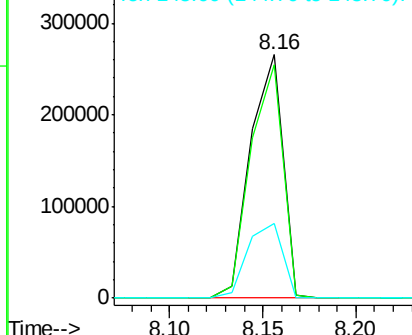
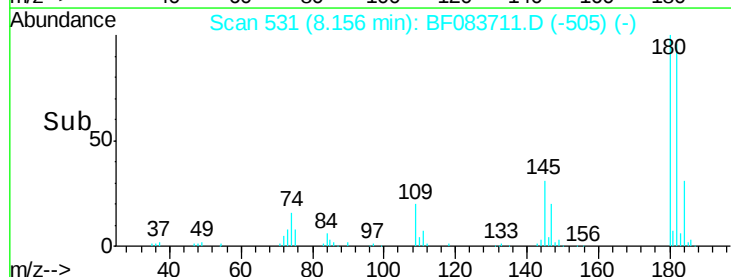


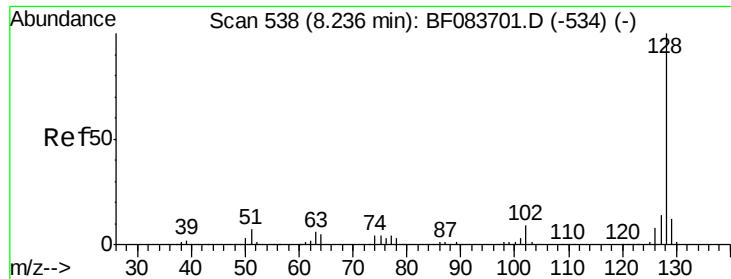
Abundance

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





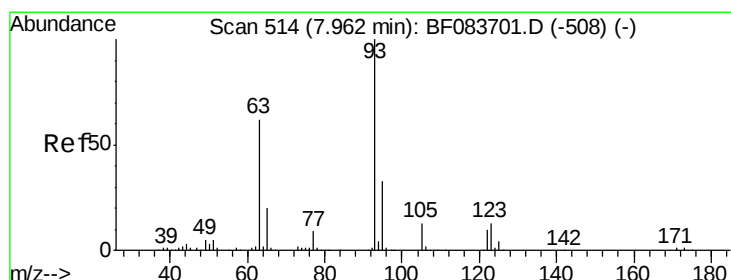
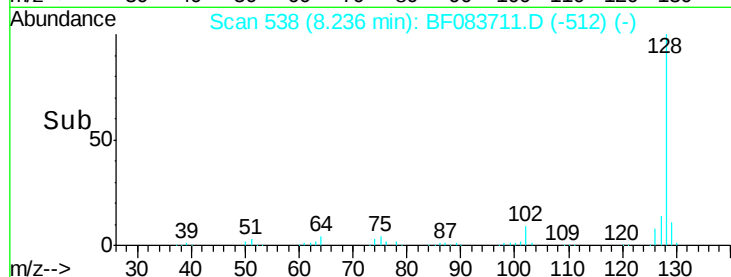
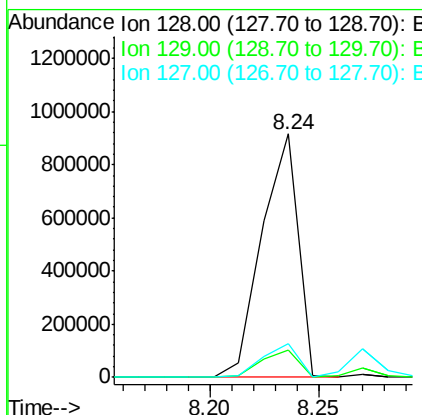
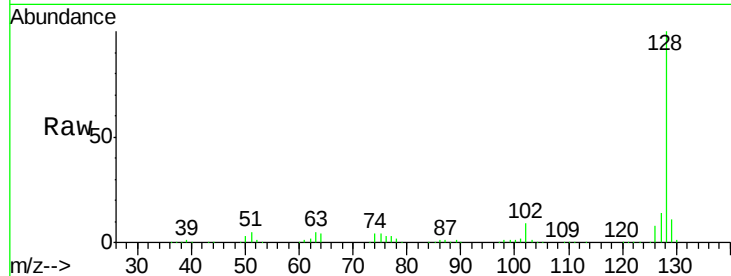
#31
Naphthalene
Concen: 40.88 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.9	10.6	16.0

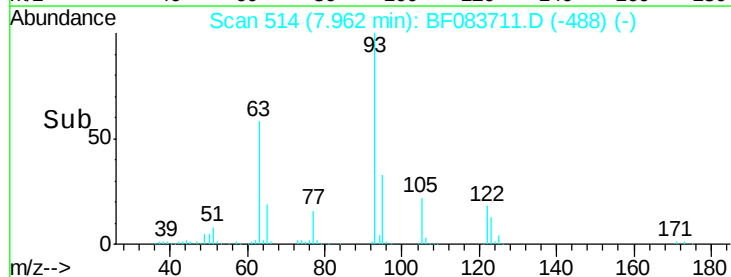
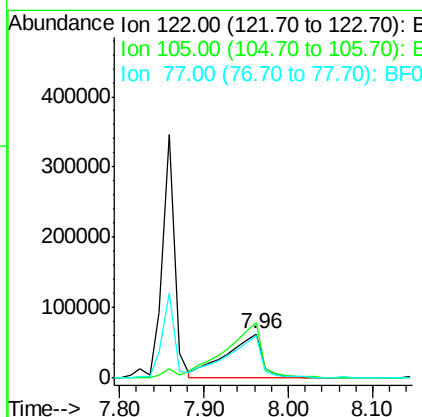
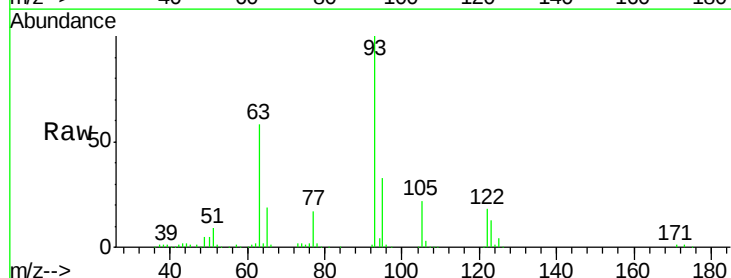
Manual Integrations
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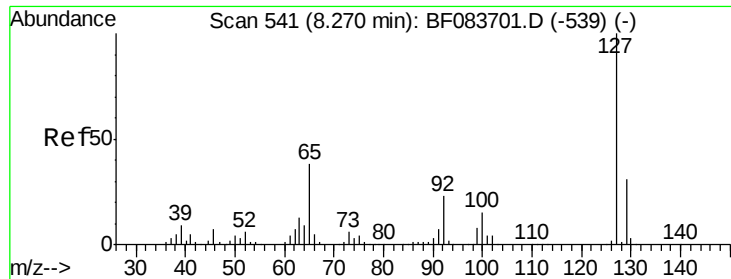
MMdadoda
12/14/2015 6:22:34 PM



#32
Benzoic acid
Concen: 40.94 ng m
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	105.6	145.6
77	94.4	86.8	126.8





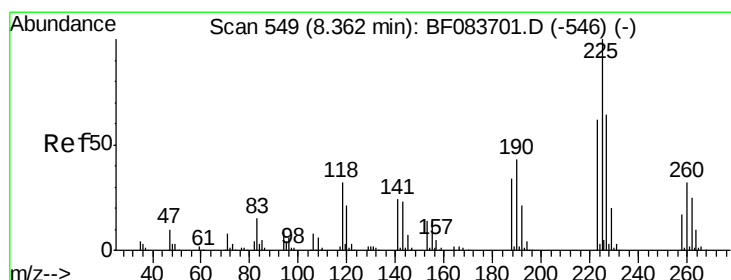
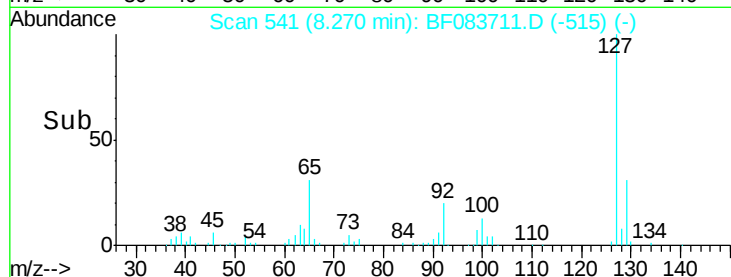
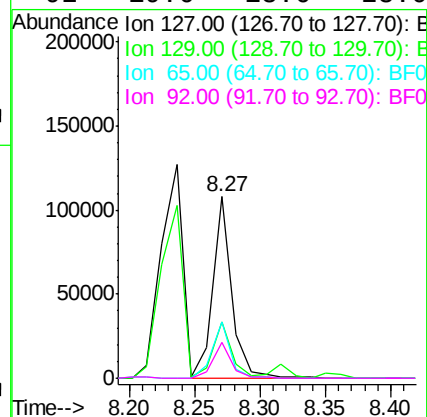
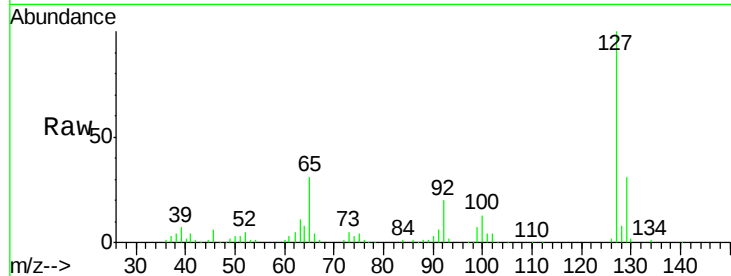
#33
4-Chloroaniline
Concen: 10.11 ng/ml
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	26.1	39.1	
65	31.0	33.5	50.3	
92	19.6	18.6	28.0	

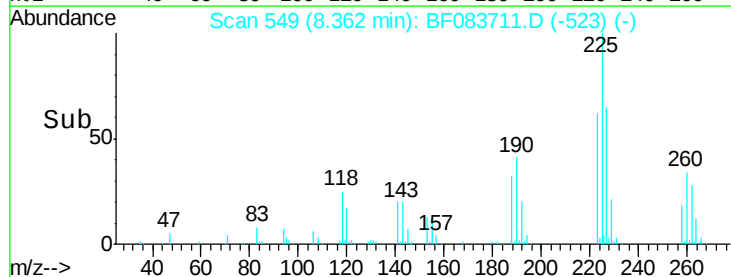
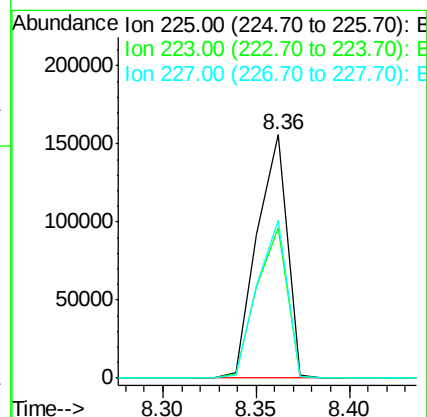
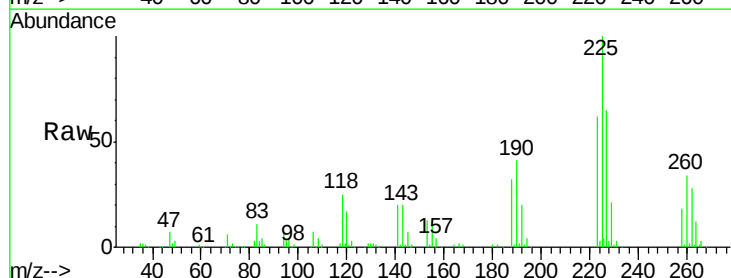
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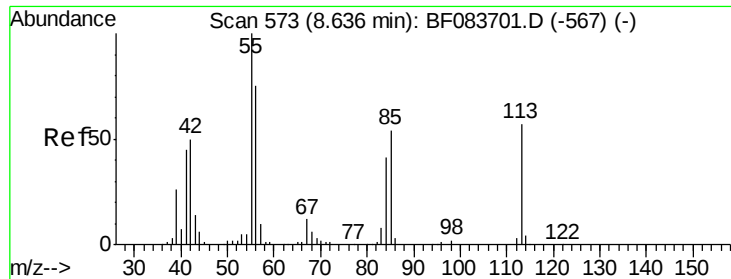
MMdadoda
12/14/2015 6:22:34 PM



#34
Hexachlorobutadiene
Concen: 38.82 ng/ml
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	52.3	78.5	
227	64.9	50.4	75.6	





#35

Caprolactam

Concen: 40.33 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

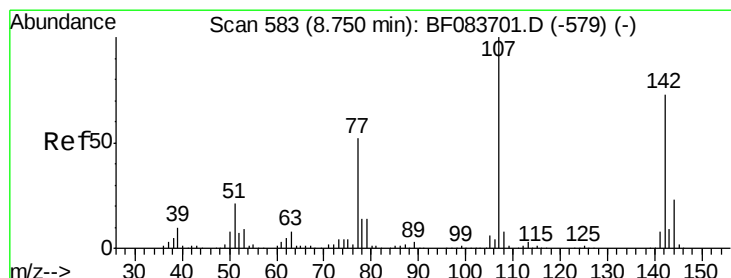
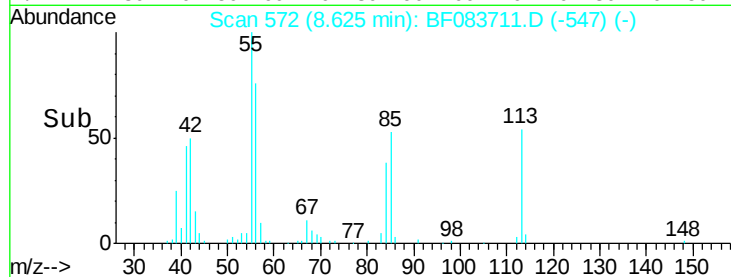
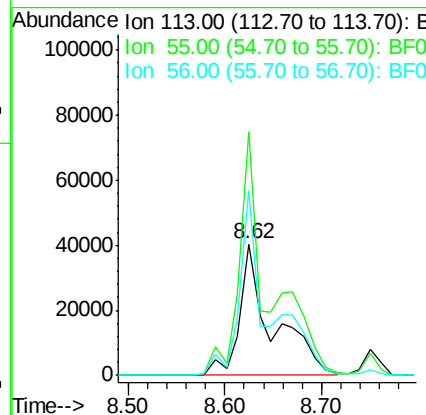
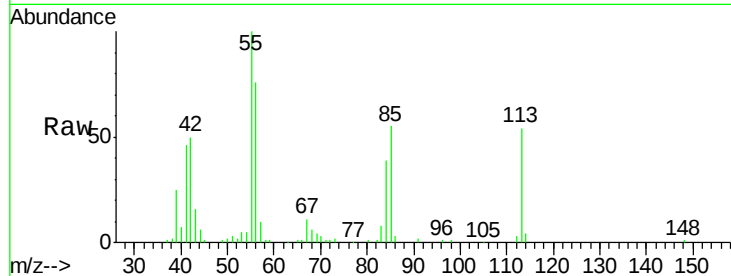
ClientSampleId :

PB87142BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.5	189.7	229.7#
56	141.1	130.7	170.7

Manual Integrations
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MMdadoda
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#36

4-Chloro-3-methylphenol

Concen: 39.68 ng/ml

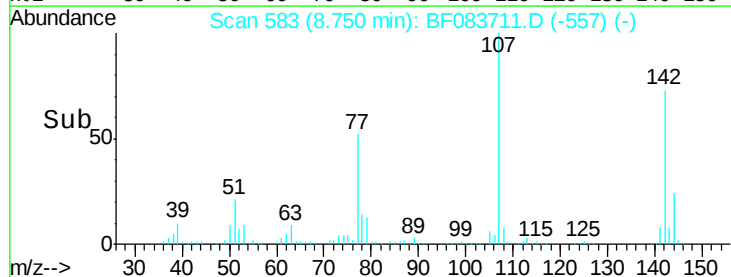
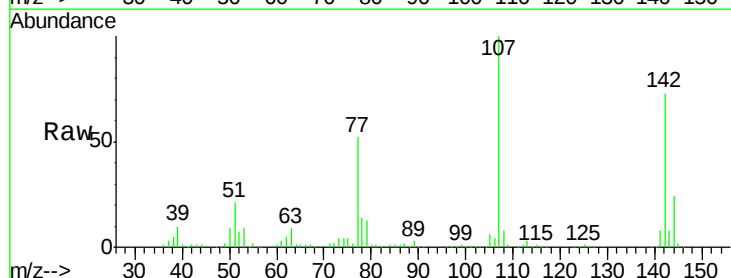
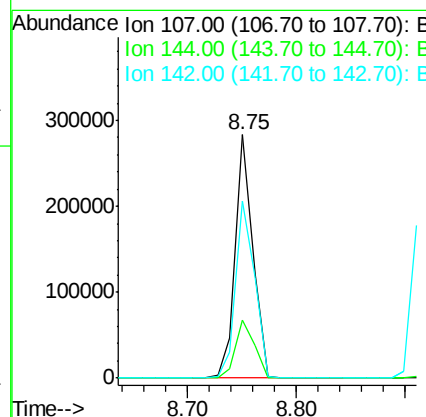
RT: 8.75 min Scan# 583

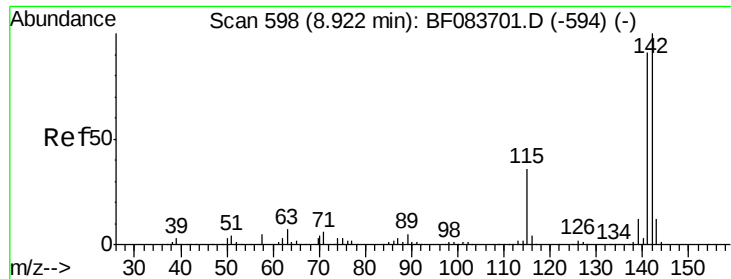
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	17.5	26.3
142	72.9	53.6	80.4





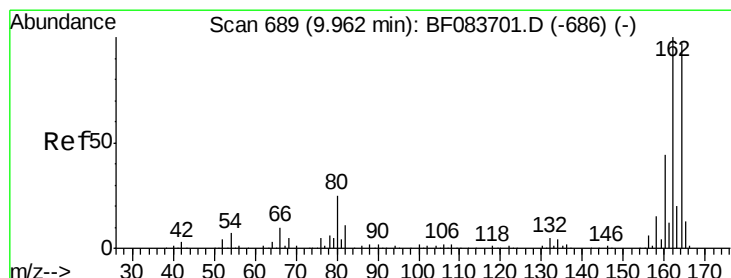
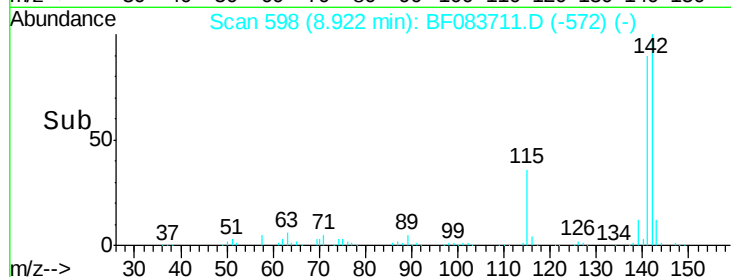
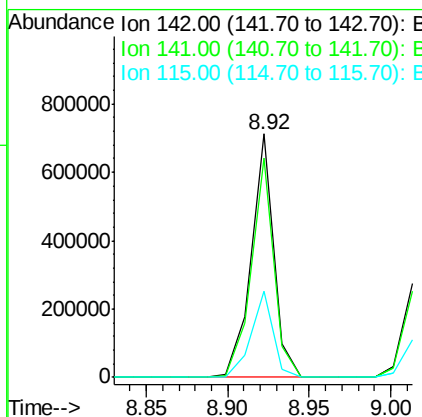
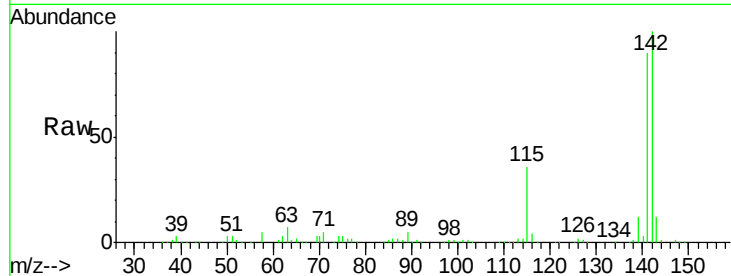
#37
2-Methylnaphthalene
Concen: 41.23 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5
115	35.5	29.2	43.8

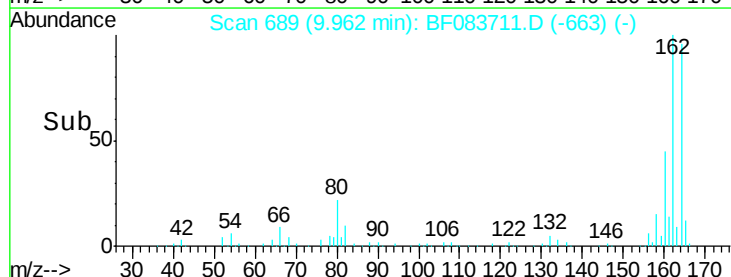
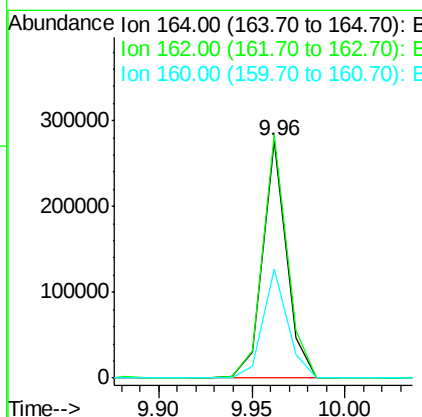
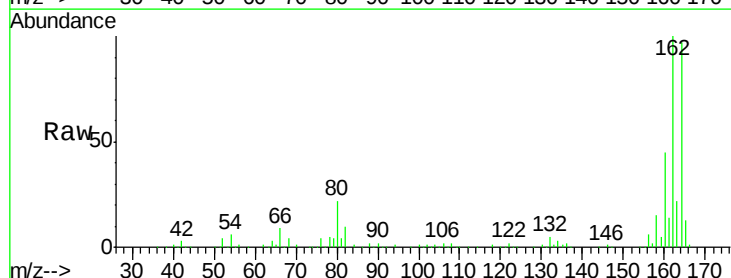
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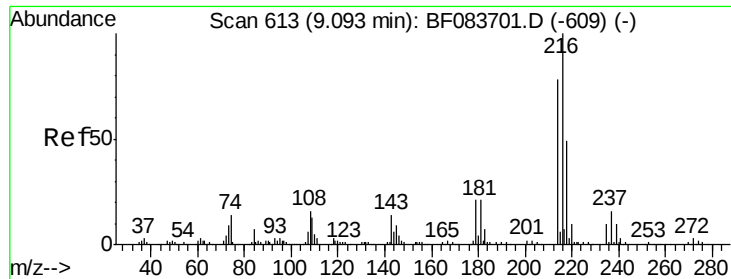
MMdadoda
12/14/2015 6:22:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	45.9	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.36 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

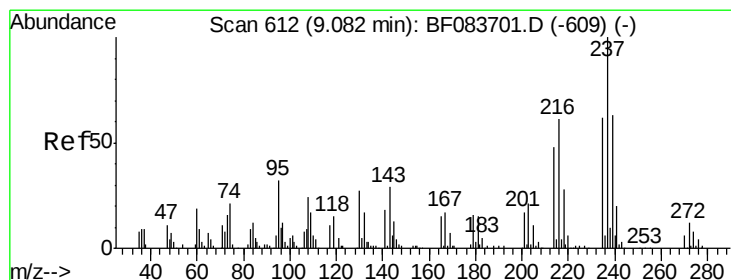
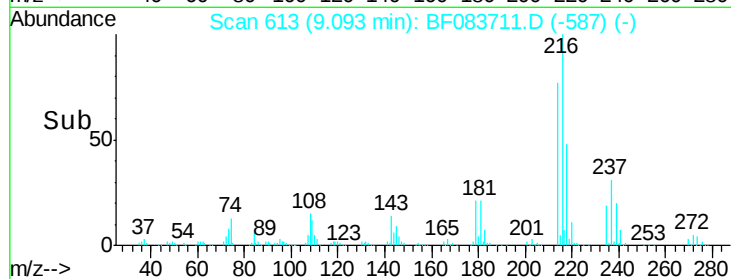
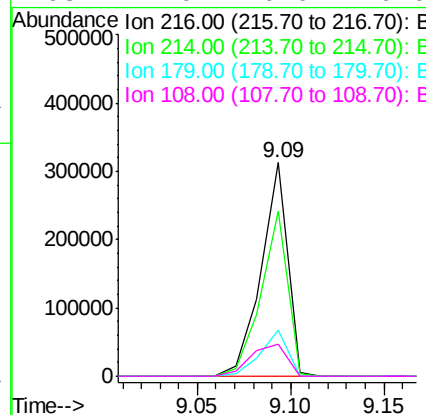
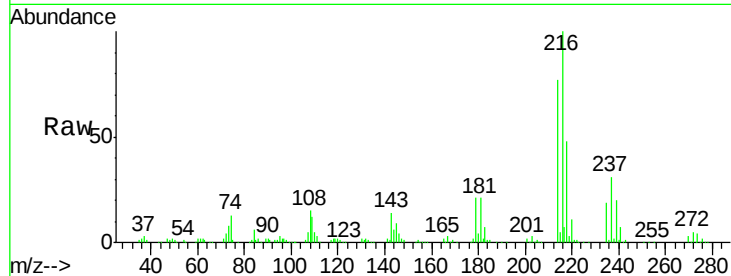
ClientSampleId :

PB87142BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	0.0	0.0	0.0
179	22.0	0.0	0.0	0.0
108	21.0	0.0	0.0	0.0

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 85.83 ng

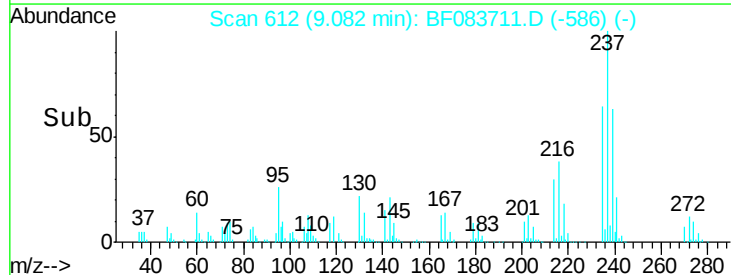
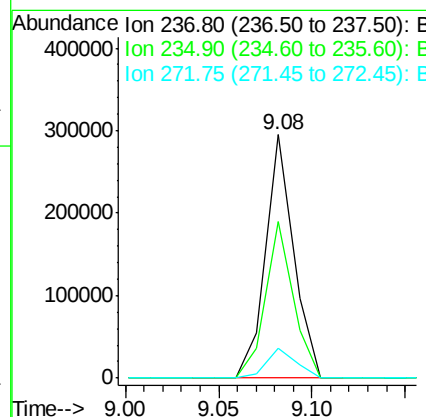
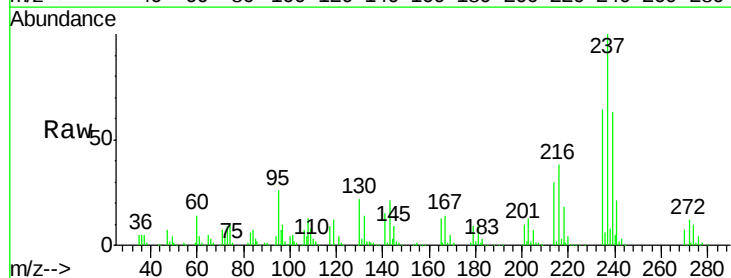
RT: 9.08 min Scan# 612

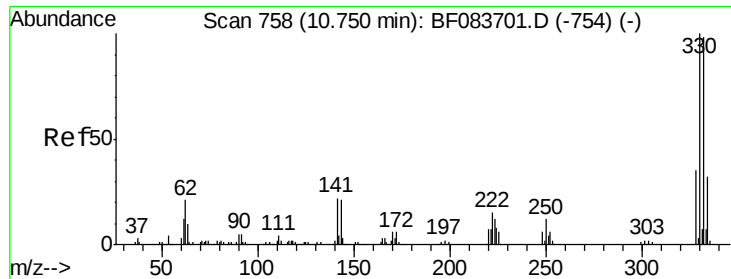
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.2	43.9	83.9	
272	12.3	0.0	31.8	





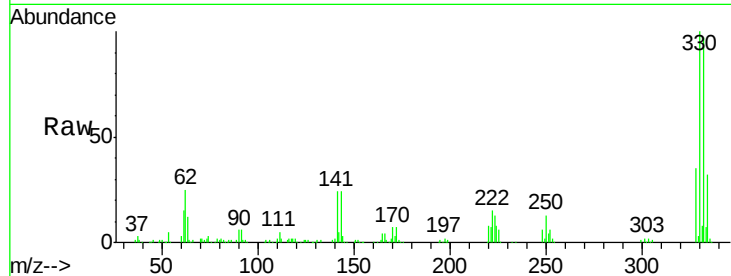
#41
 2,4,6-Tribromophenol
 Concen: 132.19 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

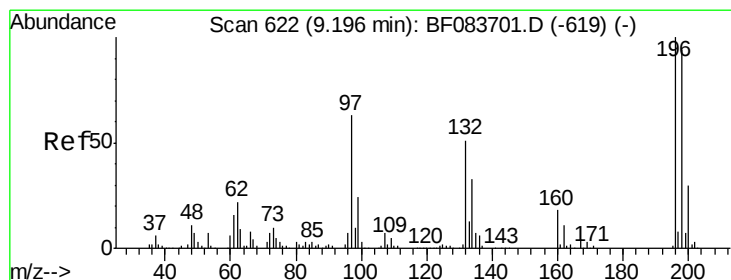
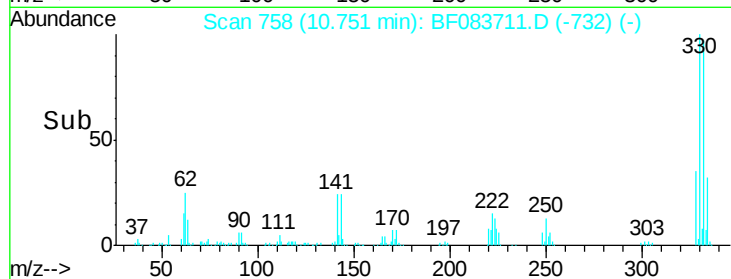
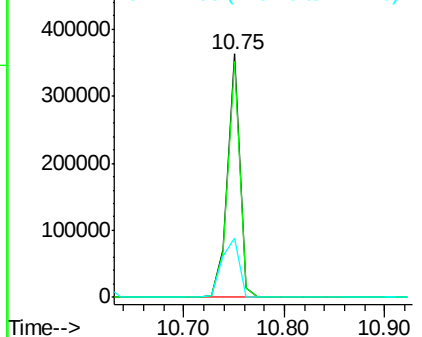
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	33.9	0.0	0.0#

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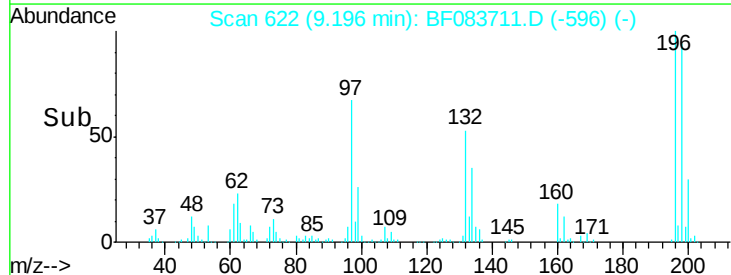
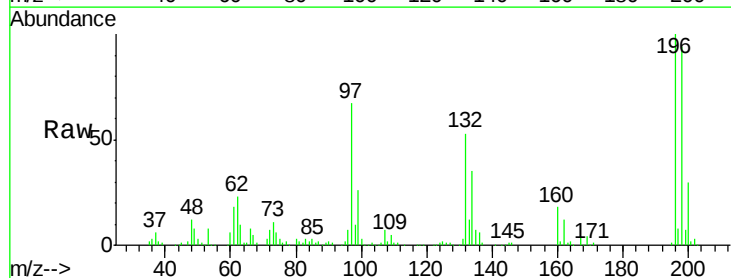
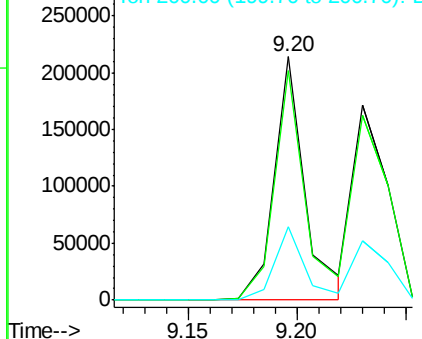
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

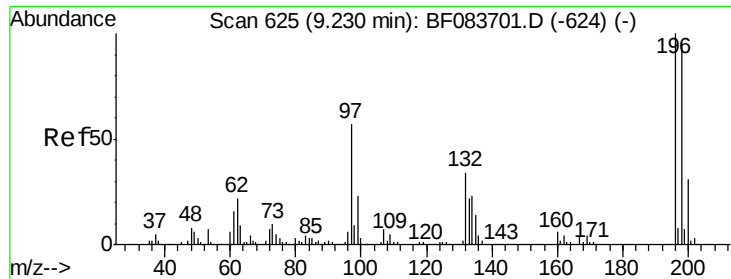


#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.2	75.2	112.8
200	30.2	23.0	34.6

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





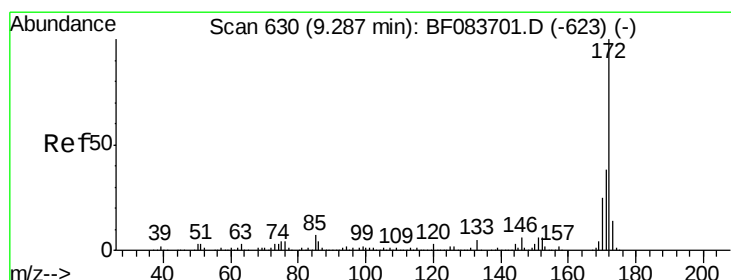
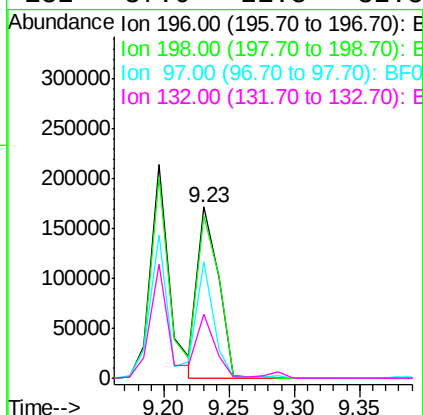
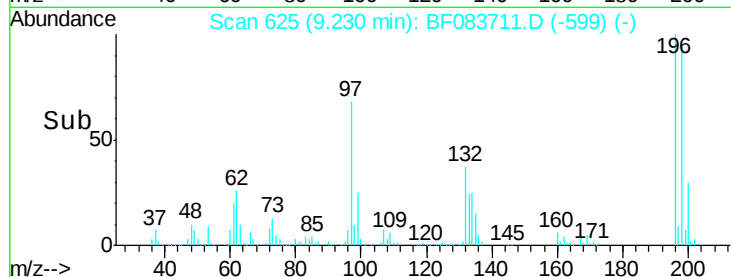
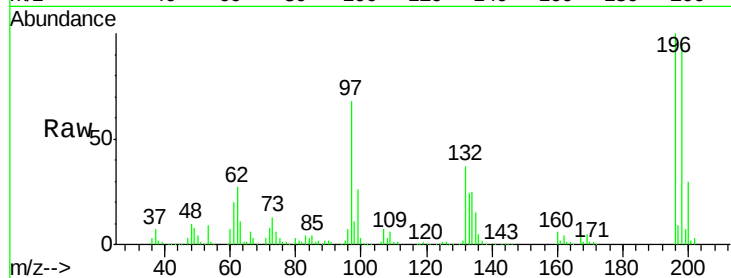
#43
 2,4,5-Trichlorophenol
 Concen: 38.15 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion:	196	Resp:	191281
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.7	116.5
97	67.8	41.2	61.8#
132	37.0	21.8	32.8#

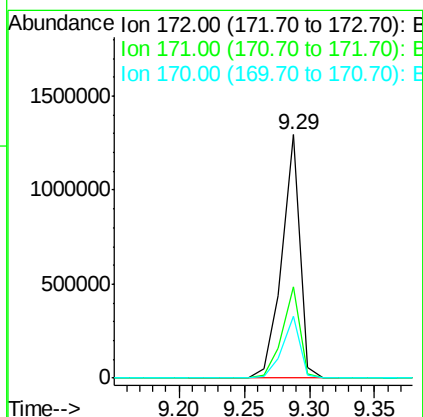
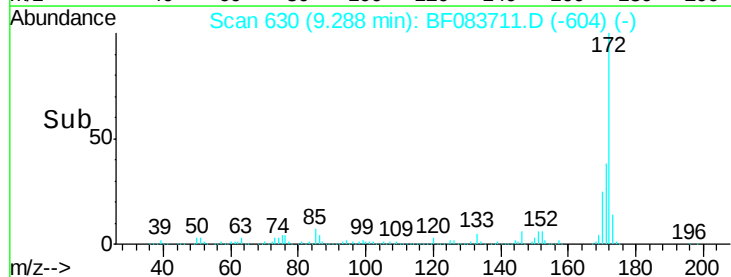
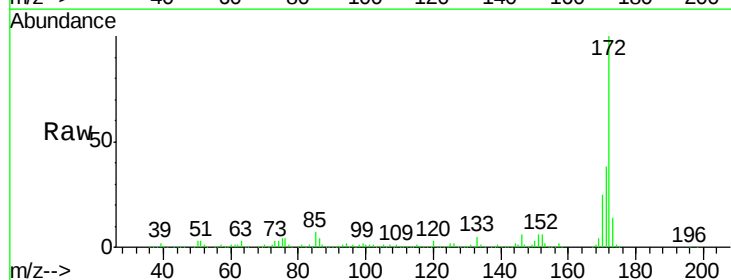
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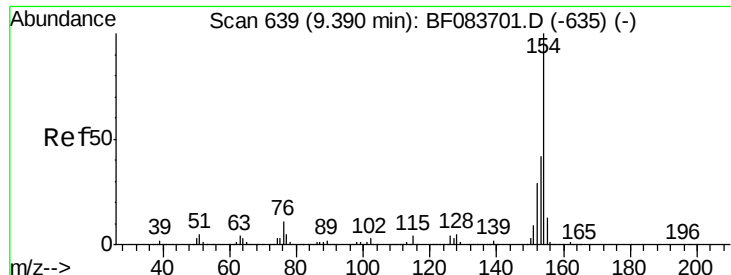
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#44
 2-Fluorobiphenyl
 Concen: 76.60 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:	172	Resp:	1264112
Ion Ratio	Lower	Upper	
172	100		
171	37.6	28.6	42.8
170	25.3	19.4	29.0





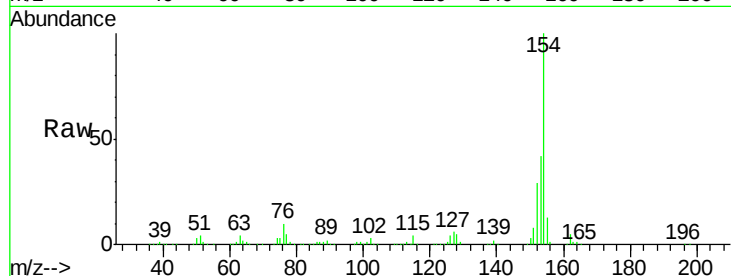
#45
 1,1'-Biphenyl
 Concen: 39.46 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.7	20.2	60.2	
76	10.2	0.0	34.8	

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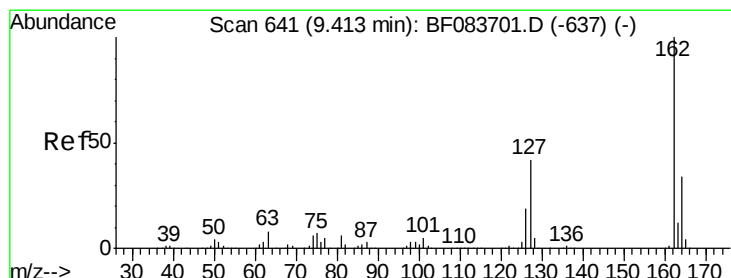
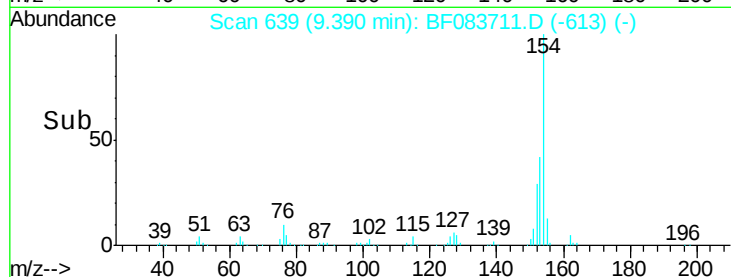
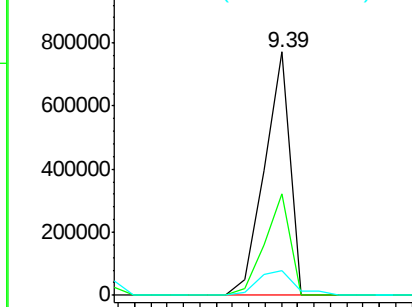


Abundance

Ion 154.00 (153.70 to 154.70): E

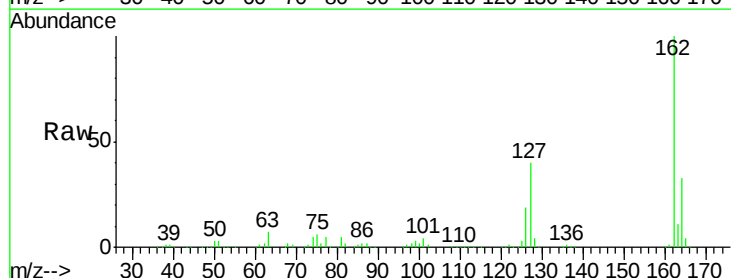
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 40.19 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	31.0	46.4	
164	33.4	27.4	41.0	

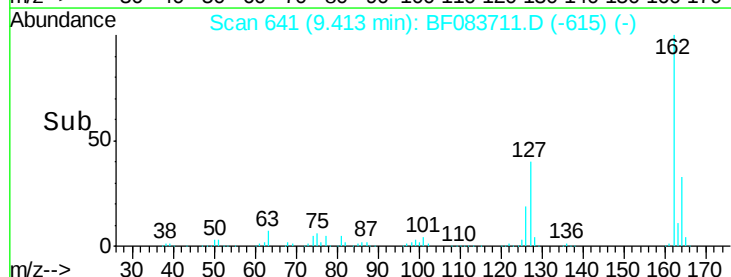
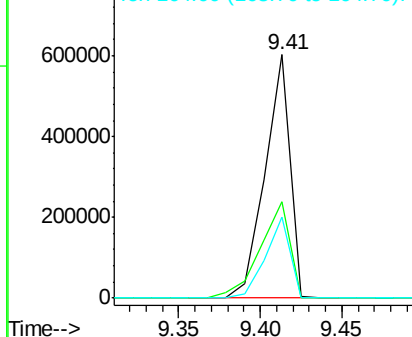


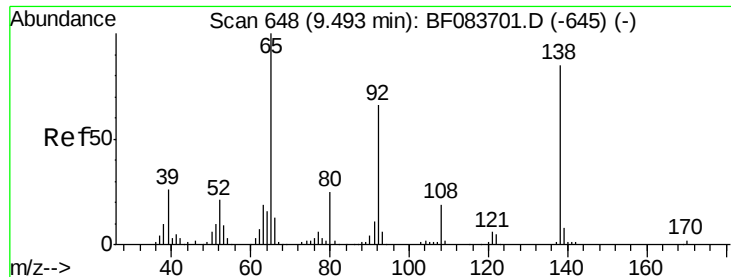
Abundance

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





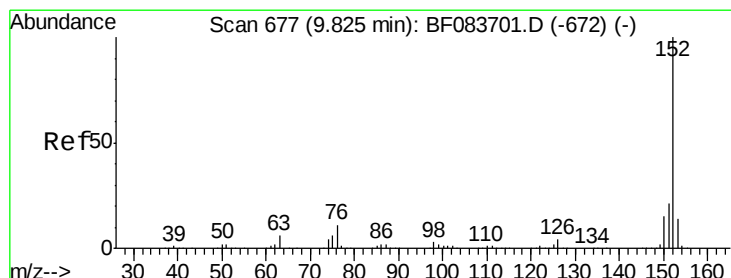
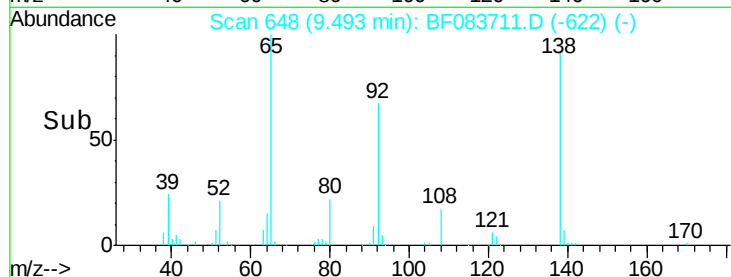
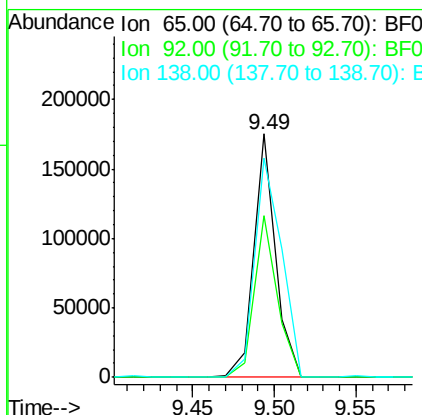
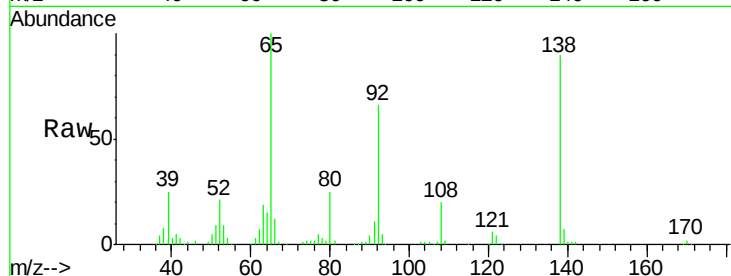
#47
2-Nitroaniline
Concen: 41.35 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.4	49.6	74.4
138	90.2	64.1	96.1

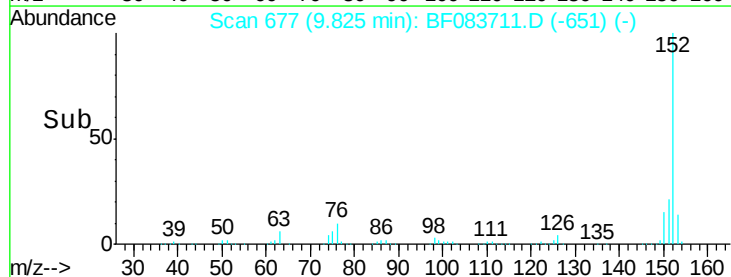
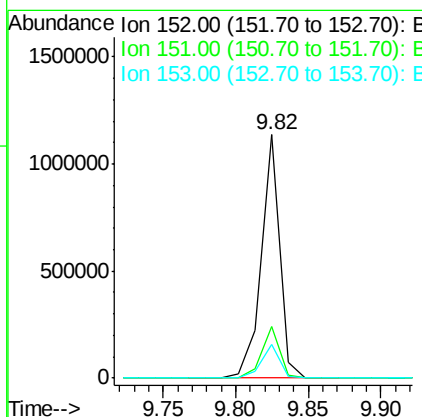
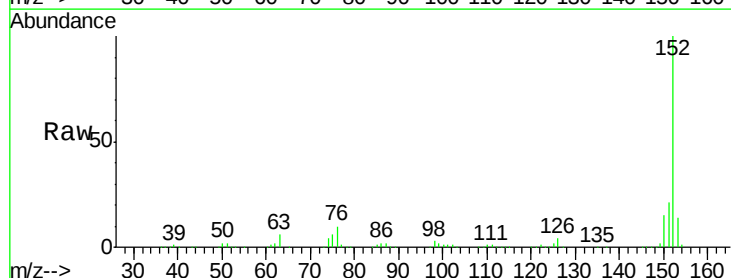
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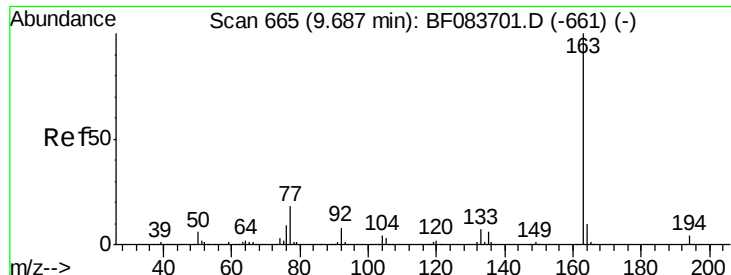
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#48
Acenaphthylene
Concen: 37.94 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.7	10.8	16.2





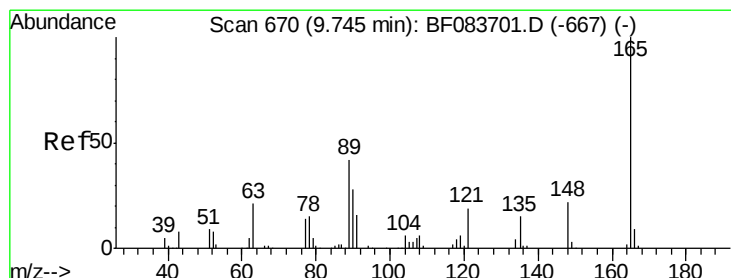
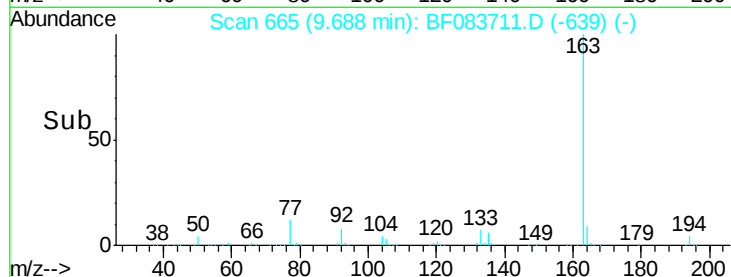
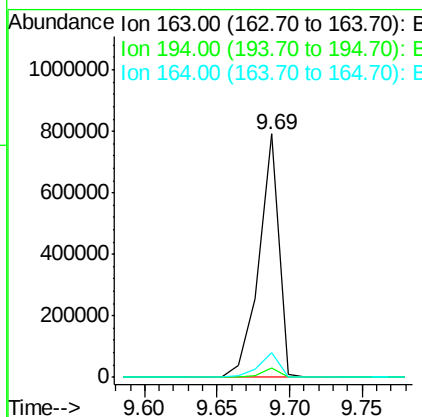
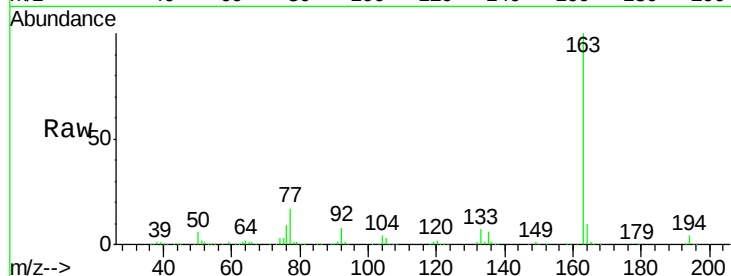
#49
Dimethylphthalate
Concen: 40.34 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	754393		
194	3.9	2.8	4.2	
164	10.3	8.6	13.0	

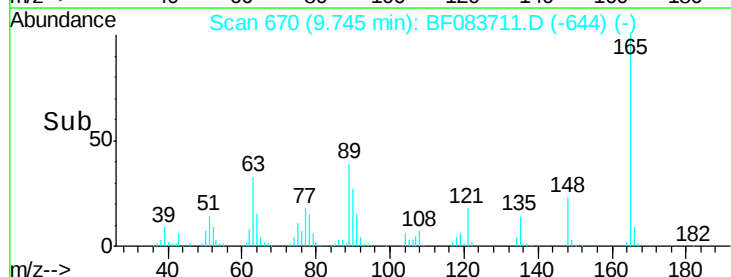
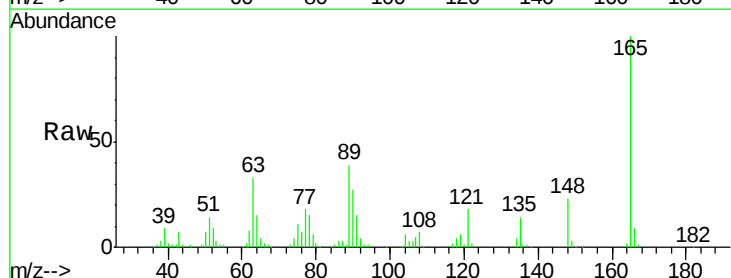
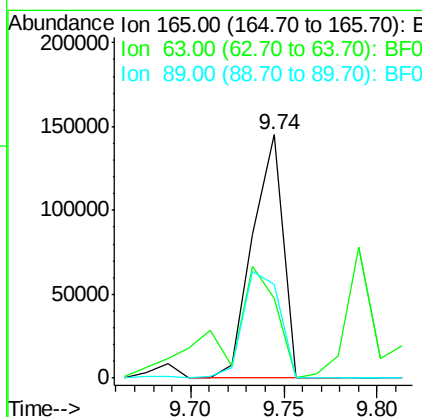
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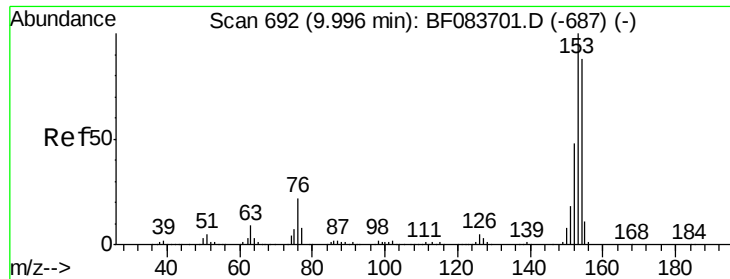
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#50
2,6-Dinitrotoluene
Concen: 45.23 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164251		
63	32.6	56.9	85.3#	
89	38.7	52.1	78.1#	





#51

Acenaphthene

Concen: 40.73 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

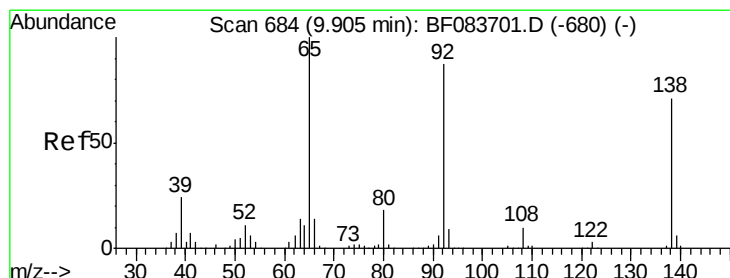
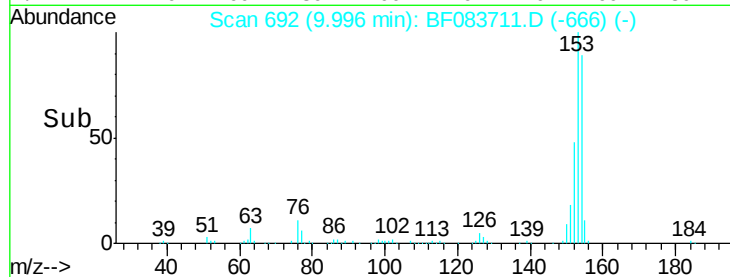
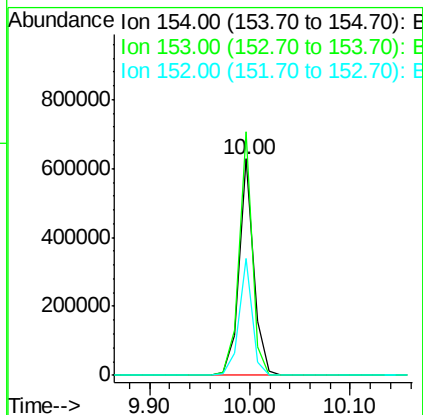
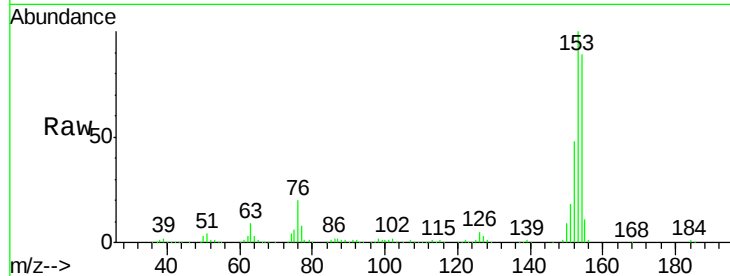
ClientSampleId :

PB87142BS

Tot Ion:	154	Resp:	635009
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.4	137.0
152	54.3	43.4	65.2

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#52

3-Nitroaniline

Concen: 21.18 ng

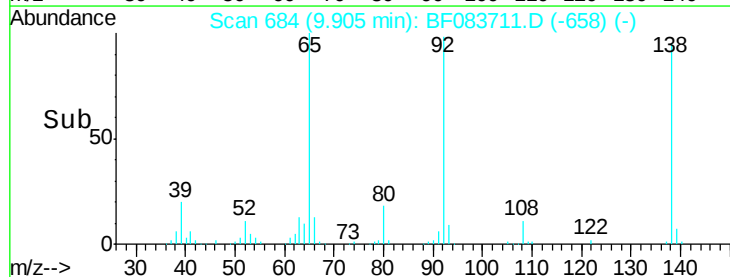
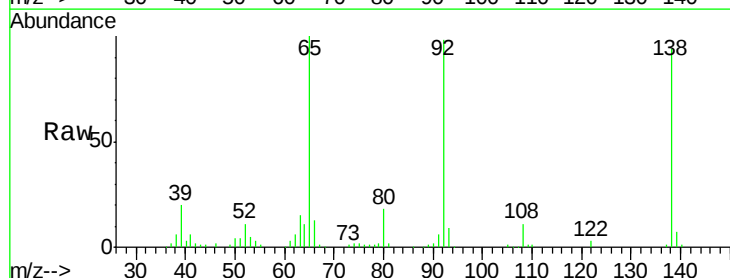
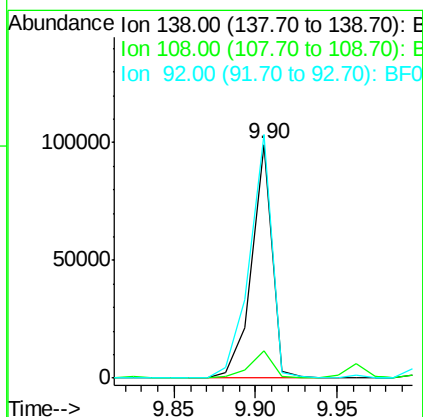
RT: 9.90 min Scan# 684

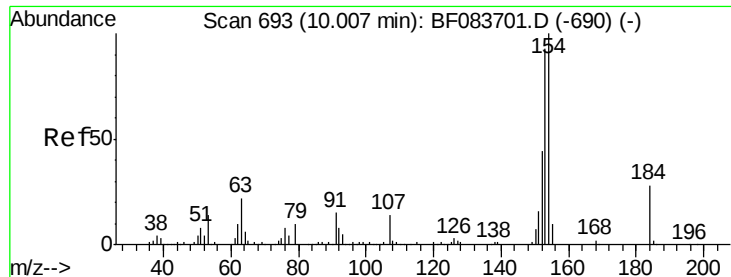
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	138	Resp:	86247
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.9	14.9
92	104.2	113.8	170.8#





#53

2,4-Dinitrophenol

Concen: 92.72 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF083711.D

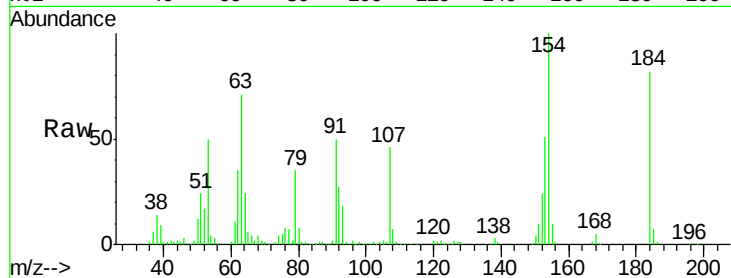
Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

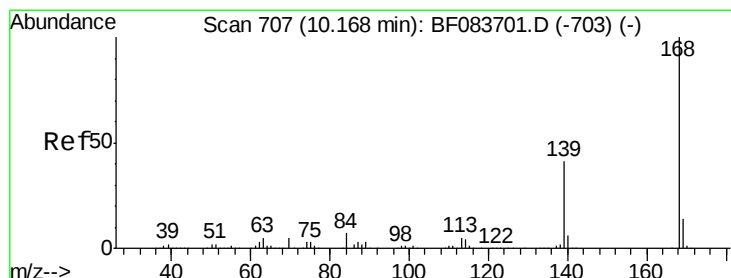
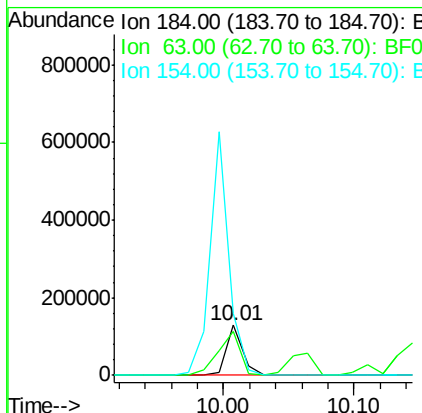
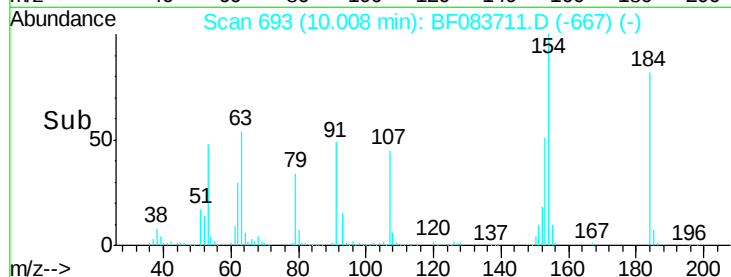
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	87.3	62.4	93.6		
154	122.2	46.6	69.8		

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#54

Dibenzofuran

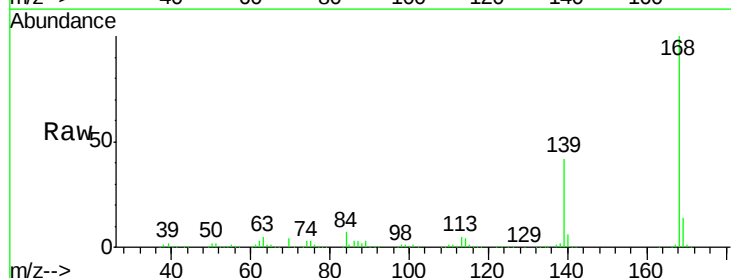
Concen: 40.34 ng

RT: 10.17 min Scan# 707

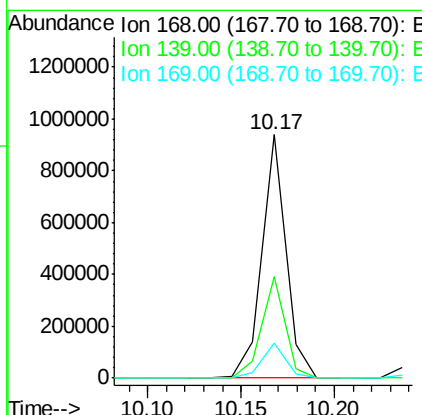
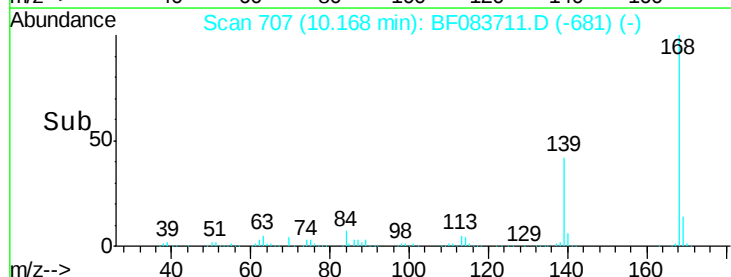
Delta R.T. 0.00 min

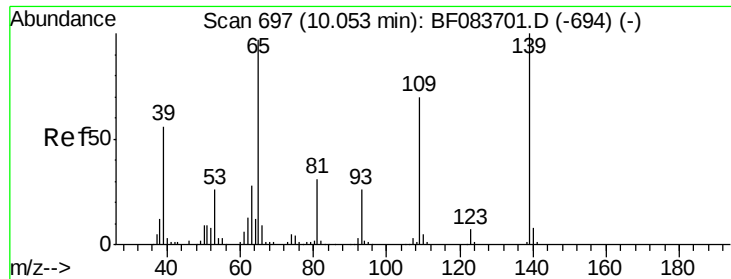
Lab File: BF083711.D

Acq: 11 Dec 2015 22:52



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
139	41.6	28.0	42.0		
169	14.1	10.8	16.2		





#55

4-Nitrophenol

Concen: 95.36 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

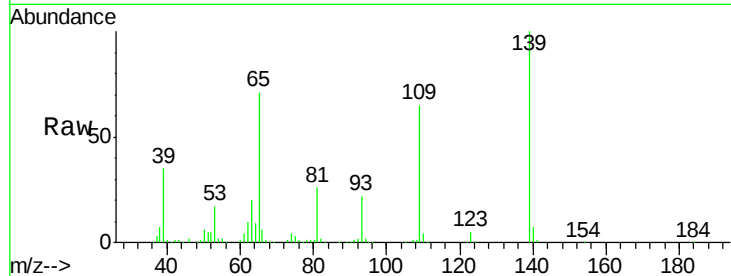
ClientSampleId :

PB87142BS

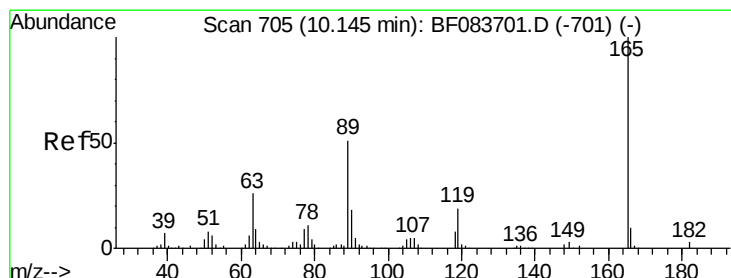
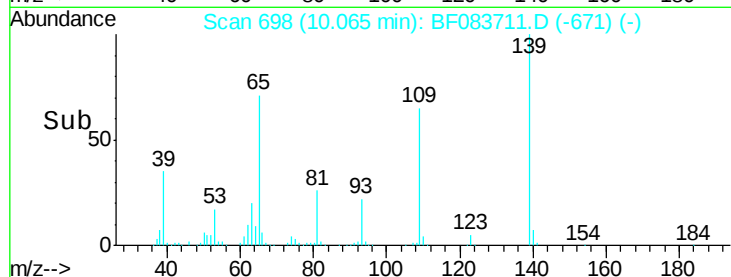
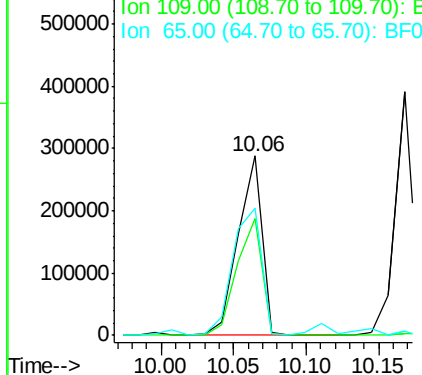
Tot Ion:	139	Resp:	330111
Ion Ratio	Lower	Upper	
139	100		
109	65.1	42.0	82.0
65	70.8	89.2	129.2#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.50 ng

RT: 10.14 min Scan# 705

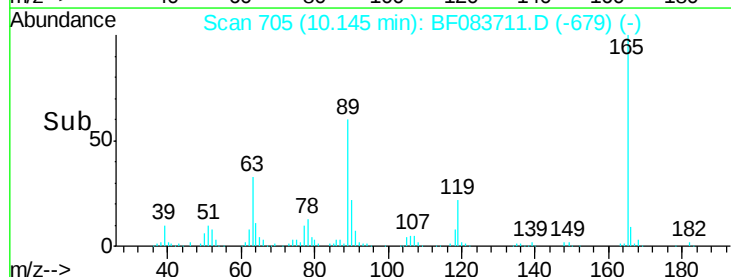
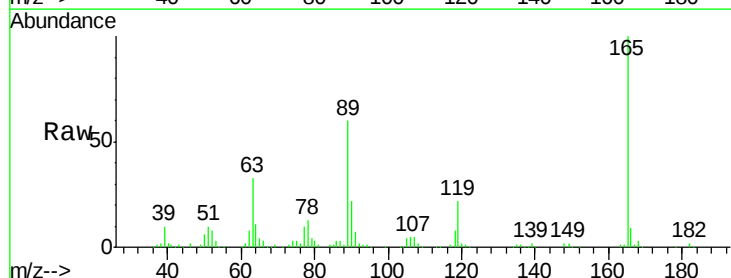
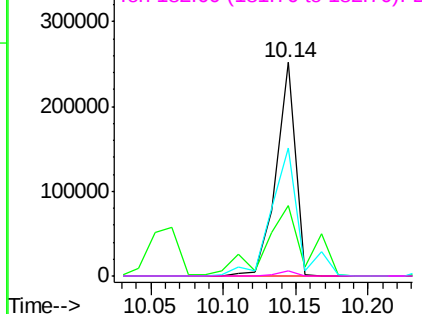
Delta R.T. 0.00 min

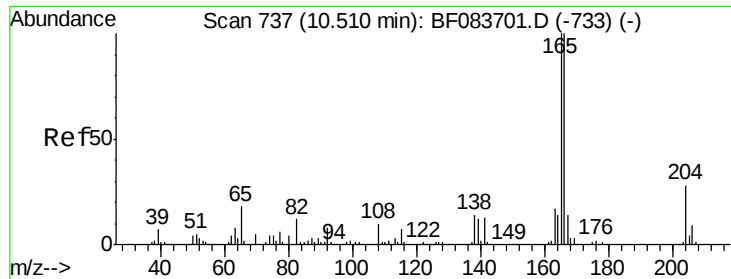
Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	165	Resp:	233206
Ion Ratio	Lower	Upper	
165	100		
63	32.9	51.4	77.2#
89	59.9	72.6	108.8#
182	2.5	1.4	2.0#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.92 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083711.D

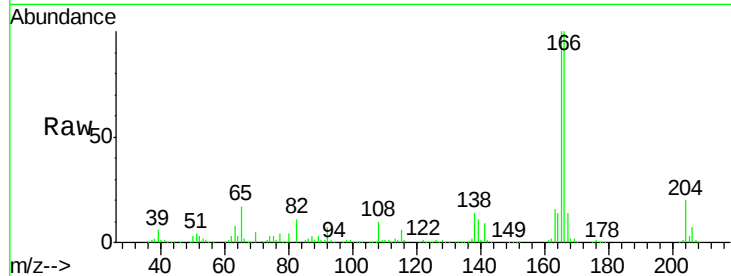
Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

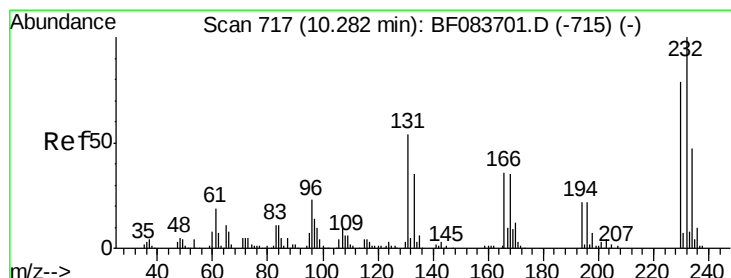
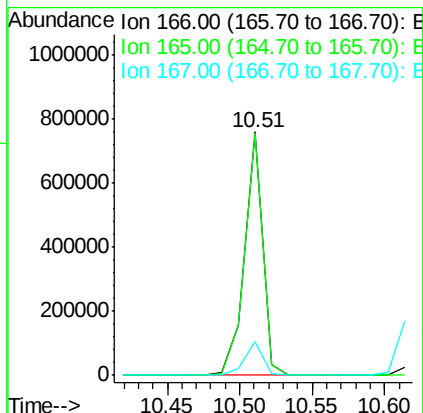
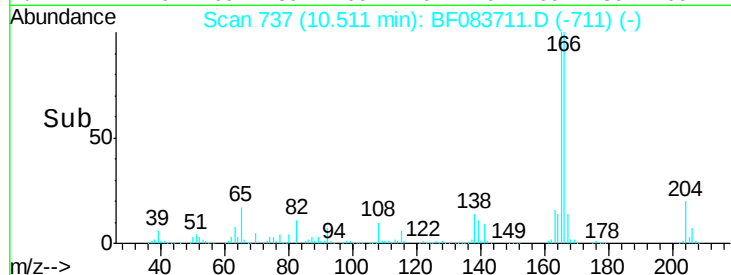
PB87142BS



Tot Ion:	166	Resp:	657681
Ion Ratio	Lower	Upper	
166	100		
165	99.7	80.0	120.0
167	13.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

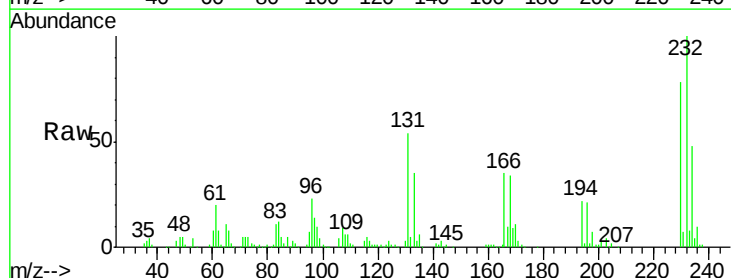
Concen: 46.72 ng

RT: 10.28 min Scan# 717

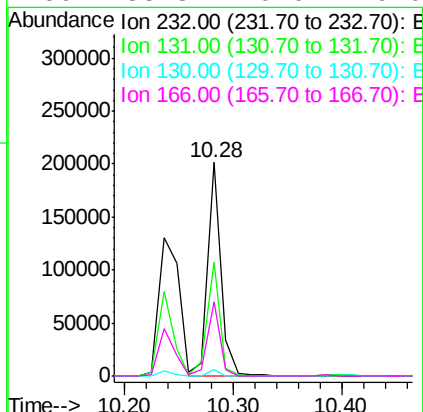
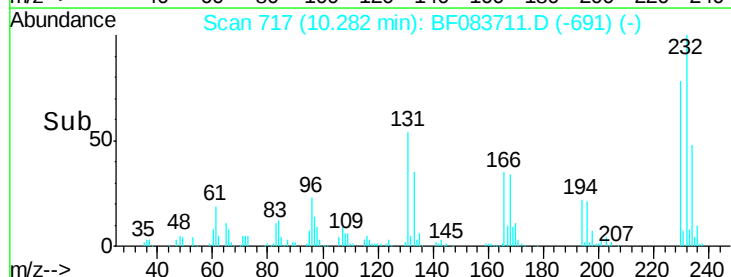
Delta R.T. 0.00 min

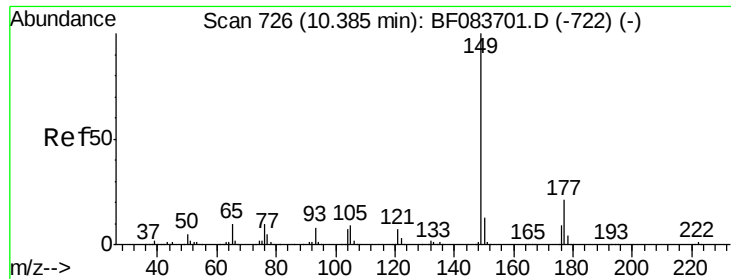
Lab File: BF083711.D

Acq: 11 Dec 2015 22:52



Tgt Ion:	232	Resp:	173490
Ion Ratio	Lower	Upper	
232	100		
131	51.4	0.0	0.0#
130	2.5	0.0	0.0#
166	33.3	0.0	0.0#





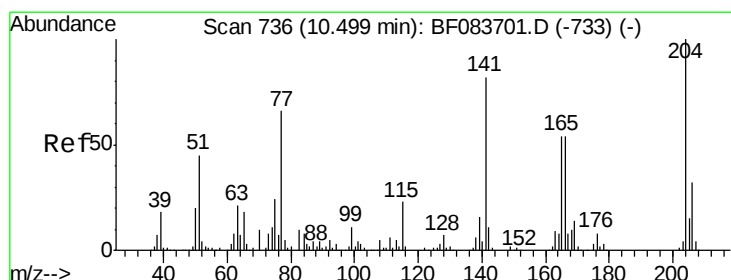
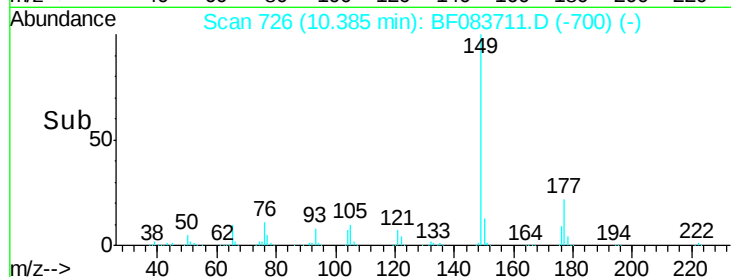
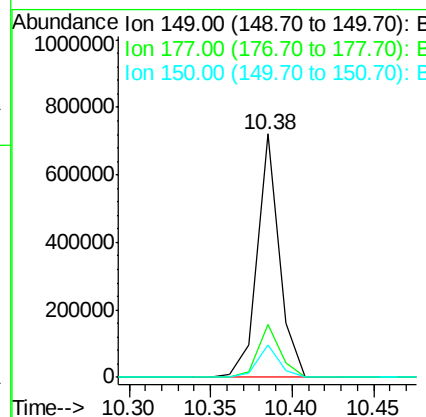
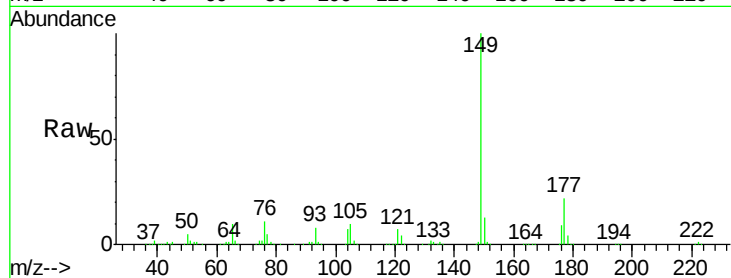
#59
Diethylphthalate
Concen: 38.61 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.9	25.3
150	13.2	10.2	15.4

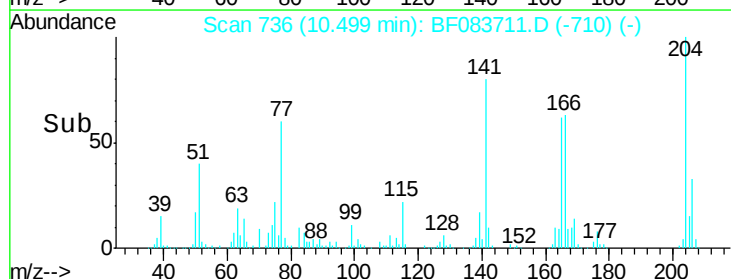
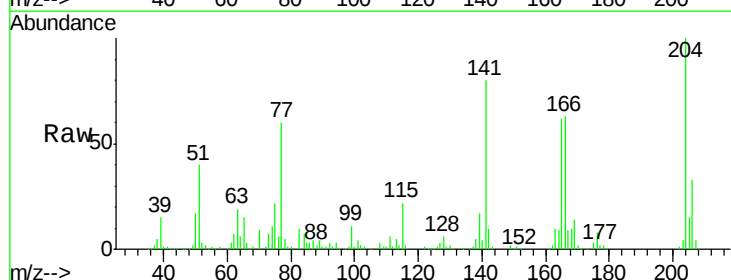
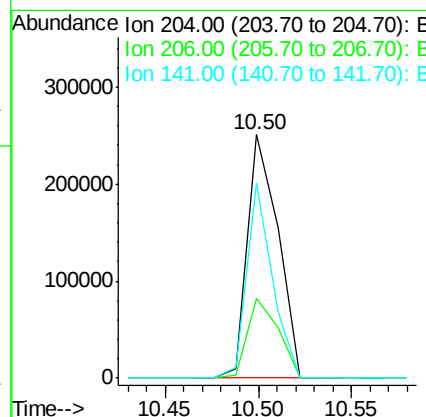
Manual Integrations
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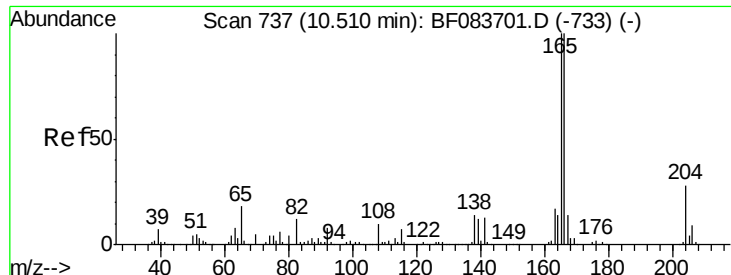
MMdadoda
12/14/2015 6:22:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.27 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.3	40.9
141	80.0	51.9	77.9#





#61

4-Nitroaniline

Concen: 42.31 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

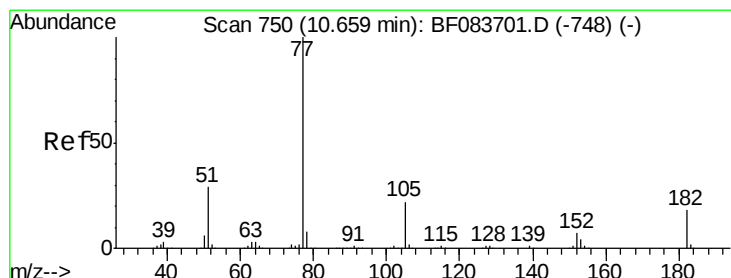
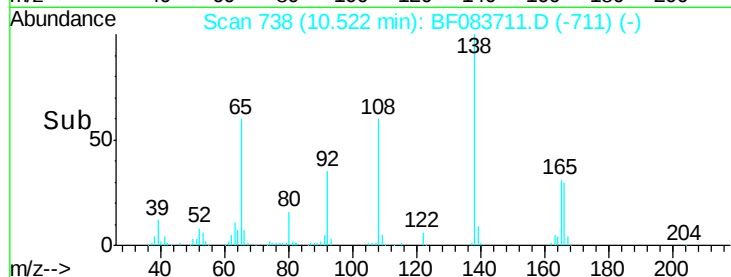
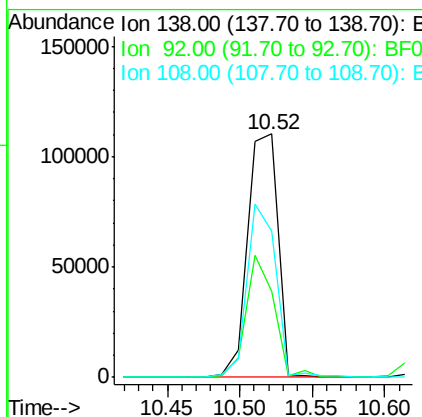
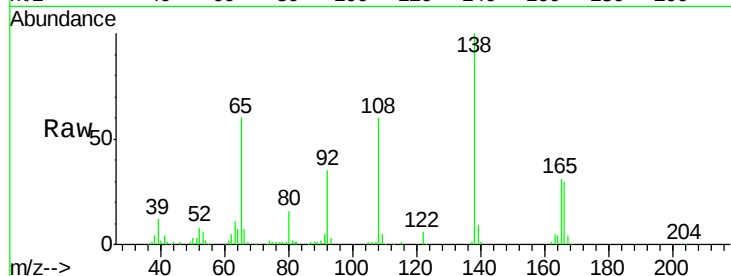
ClientSampleId :

PB87142BS

Tot Ion:	138	Resp:	159721
Ion Ratio	Lower	Upper	
138	100		
92	35.3	29.0	69.0
108	60.3	47.4	87.4

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#62

Azobenzene

Concen: 38.79 ng

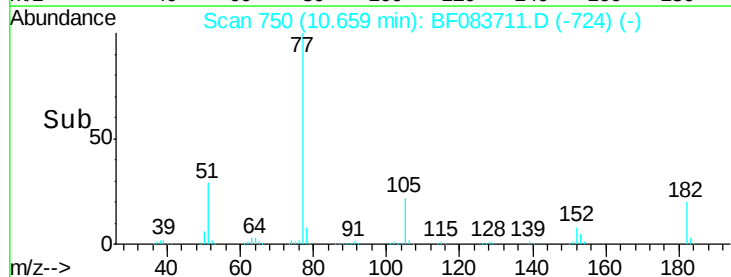
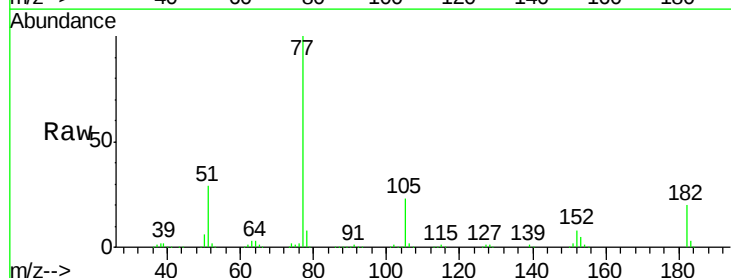
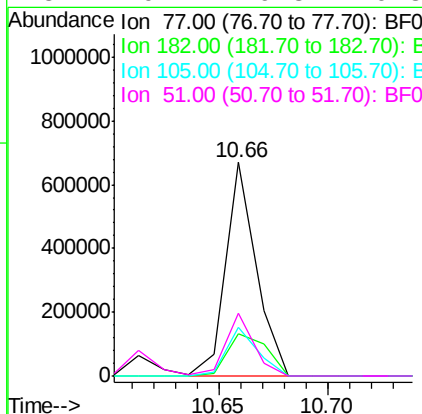
RT: 10.66 min Scan# 750

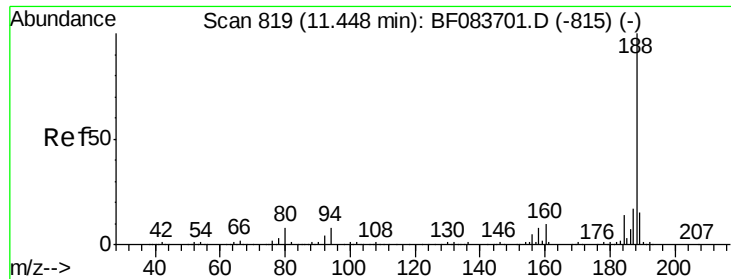
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	77	Resp:	647279
Ion Ratio	Lower	Upper	
77	100		
182	19.5	2.5	42.5
105	22.6	2.1	42.1
51	29.2	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

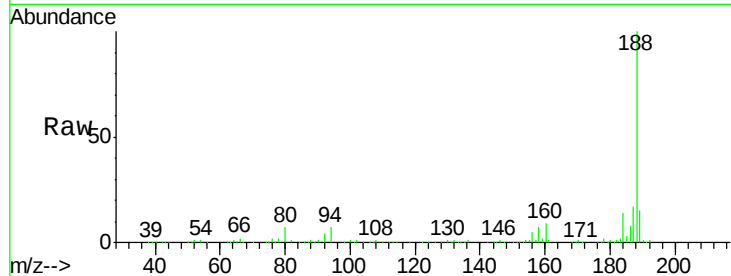
ClientSampleId :

PB87142BS

Tot Ion:	188	Resp:	456314
Ion Ratio	Lower	Upper	
188	100		
94	6.9	9.4	14.2#
80	7.0	10.6	16.0#

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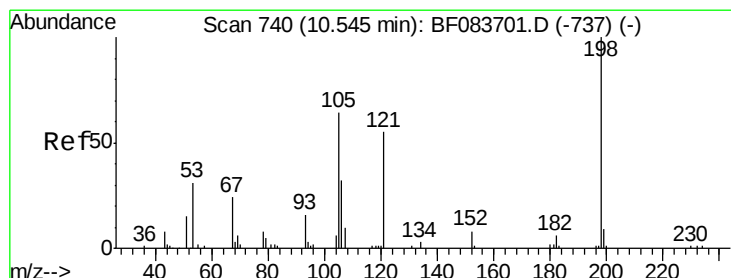
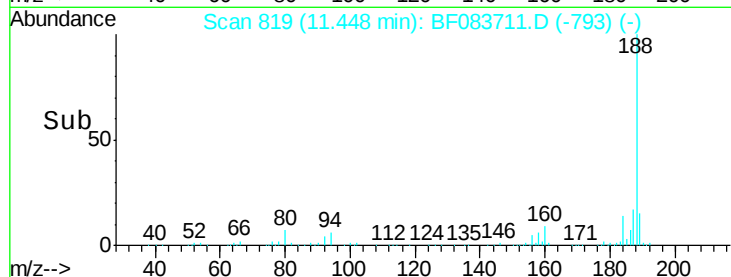
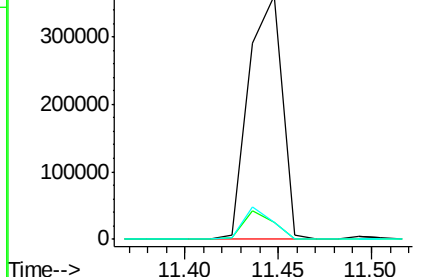
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.69 ng

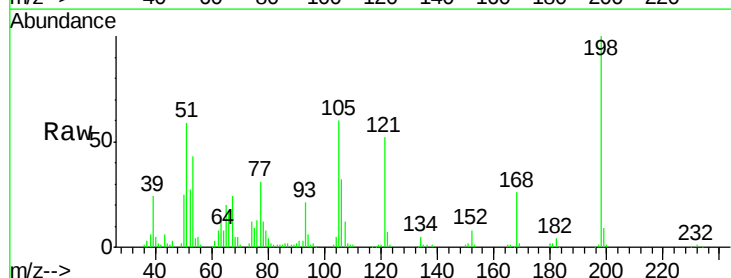
RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

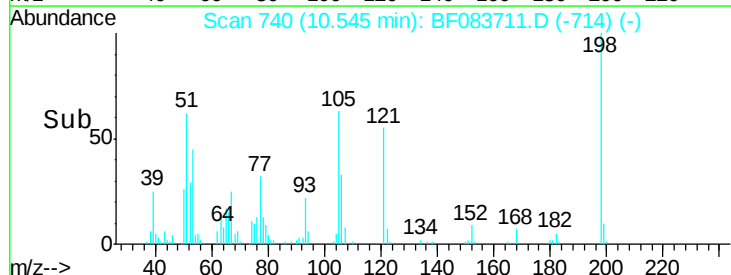
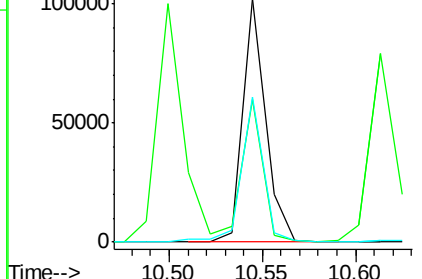
Tgt Ion:	198	Resp:	87144
Ion Ratio	Lower	Upper	
198	100		
51	58.6	53.8	93.8
105	59.5	38.6	78.6

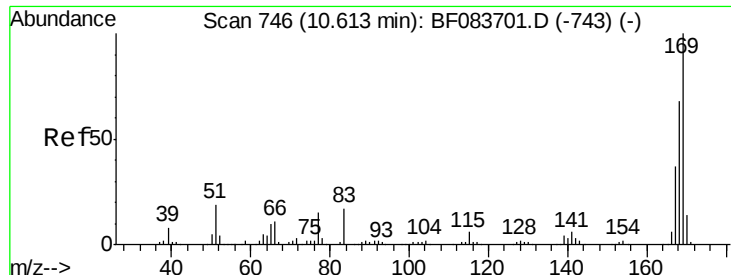


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





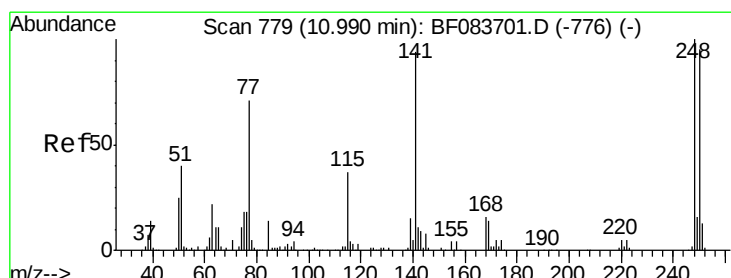
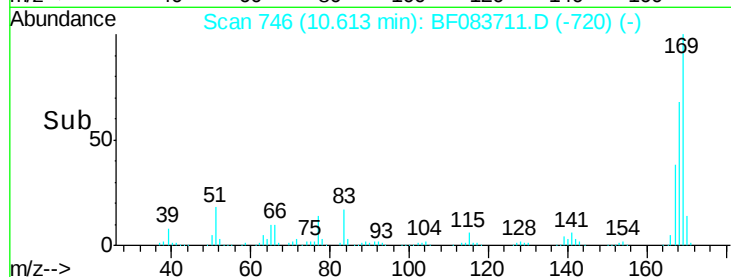
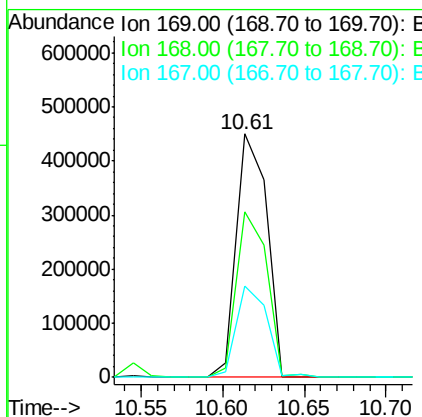
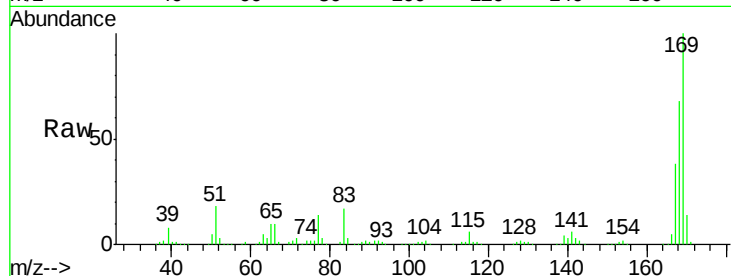
#65
 n-Nitrosodiphenylamine
 Concen: 38.31 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		580293		
168	67.8	53.0		79.6	
167	37.6	29.3		43.9	

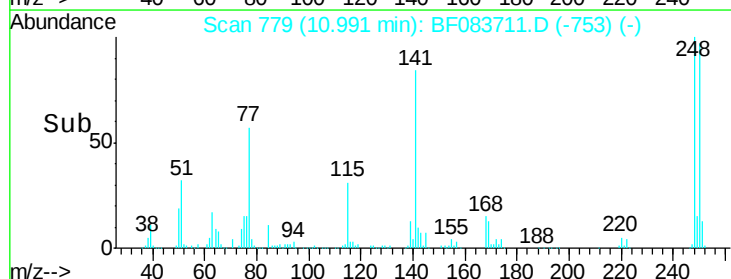
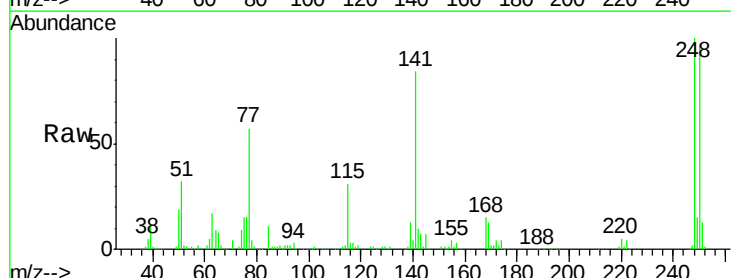
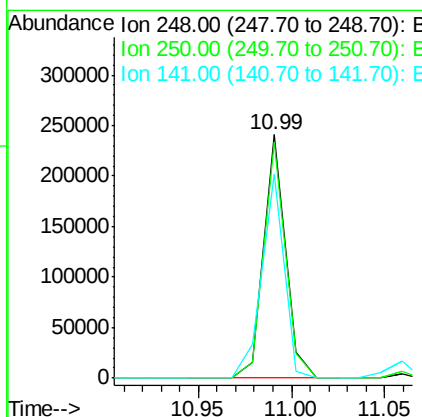
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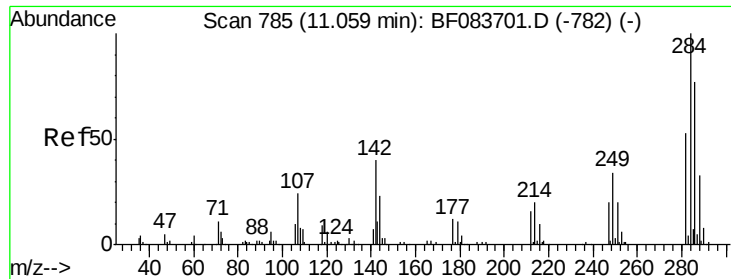
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#66
 4-Bromophenyl-phenylether
 Concen: 39.78 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		194026		
250	97.0	79.2		118.8	
141	83.8	58.2		87.4	





#67

Hexachlorobenzene

Concen: 40.60 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

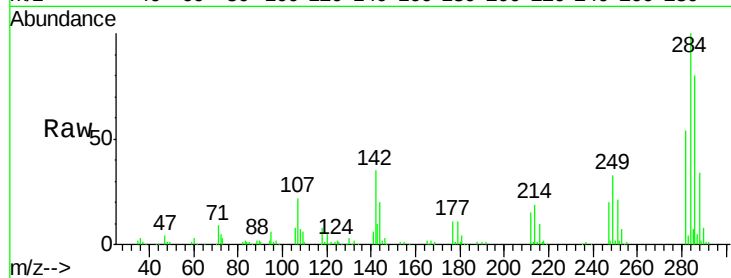
ClientSampleId :

PB87142BS

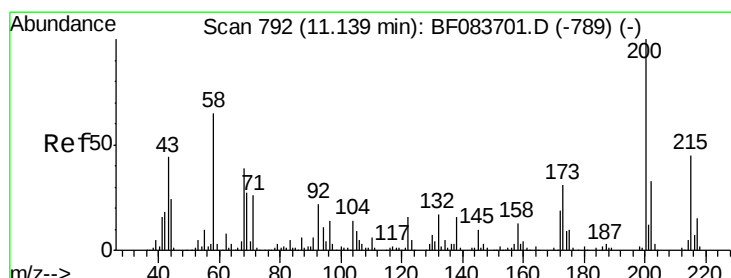
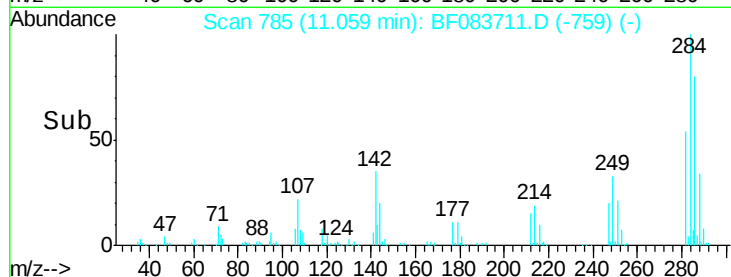
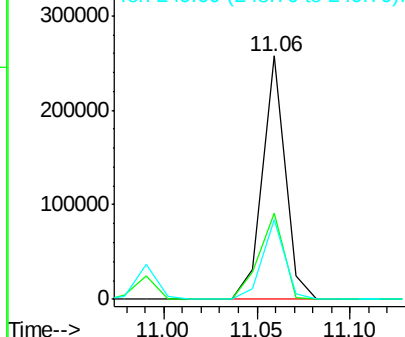
Tot Ion:	284	Resp:	215673
Ion Ratio		Lower	Upper
284	100		
142	35.3	31.0	46.4
249	32.7	26.9	40.3

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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: 38.64 ng

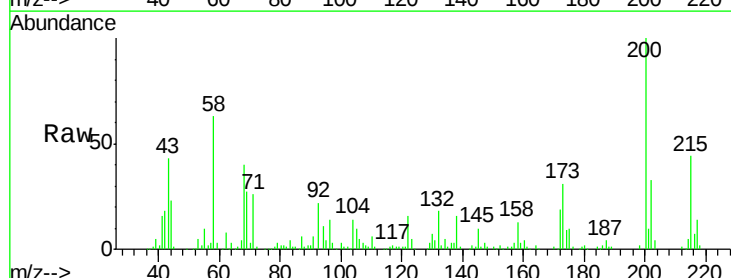
RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

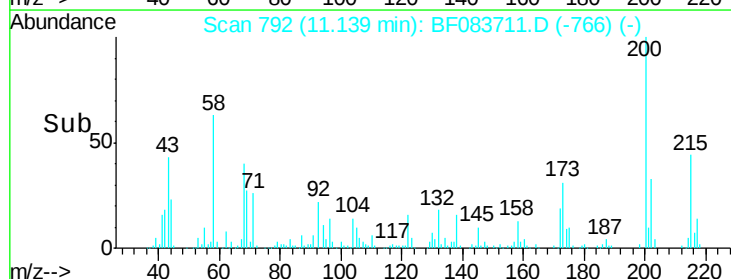
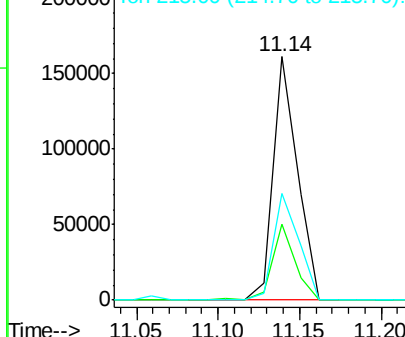
Lab File: BF083711.D

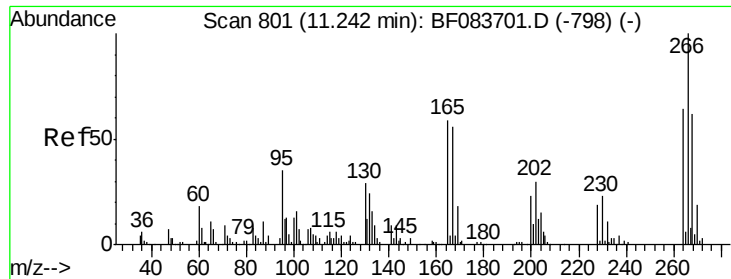
Acq: 11 Dec 2015 22:52

Tgt Ion:	200	Resp:	166901
Ion Ratio		Lower	Upper
200	100		
173	31.4	7.8	47.8
215	44.0	25.7	65.7



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





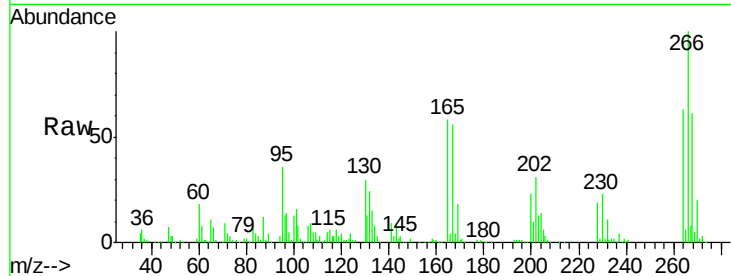
#69
 Pentachlorophenol
 Concen: 86.64 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

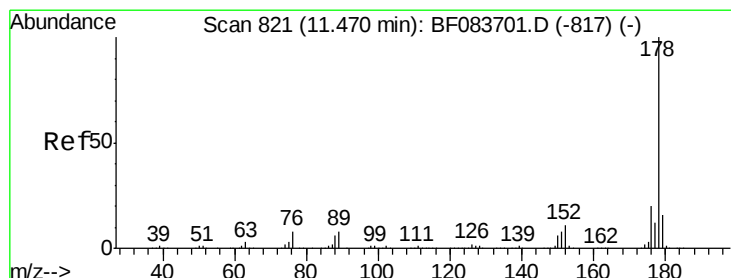
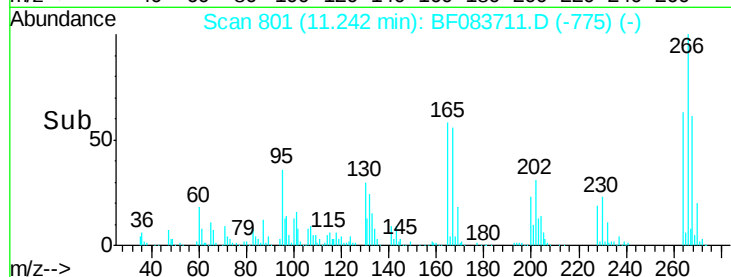
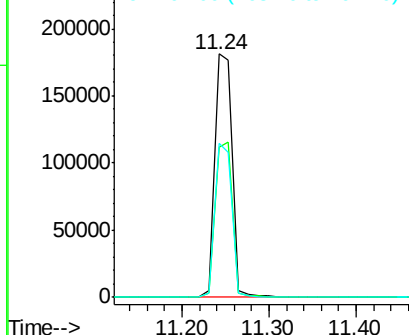
Tot Ion	Ratio	Resp	Lower	Upper
266	100	256885		
268	61.5	50.2	75.2	
264	63.2	51.4	77.2	

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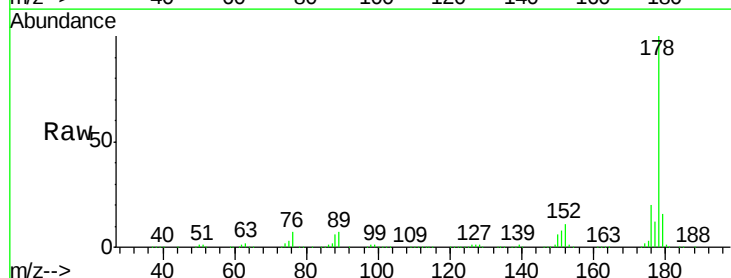


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

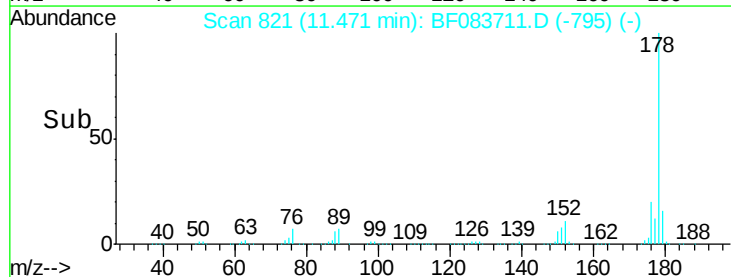
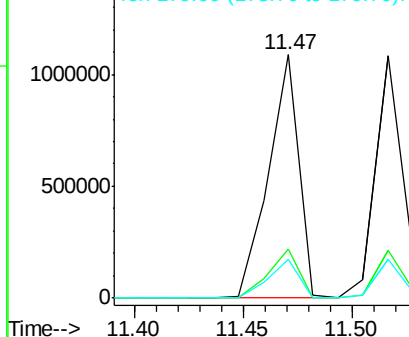


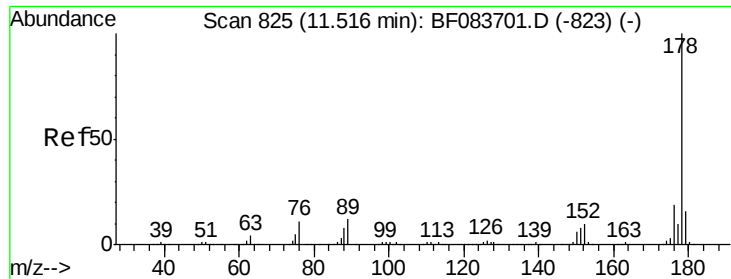
#70
 Phenanthrene
 Concen: 42.56 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1060050		
176	20.0	15.7	23.5	
179	15.8	12.2	18.4	



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





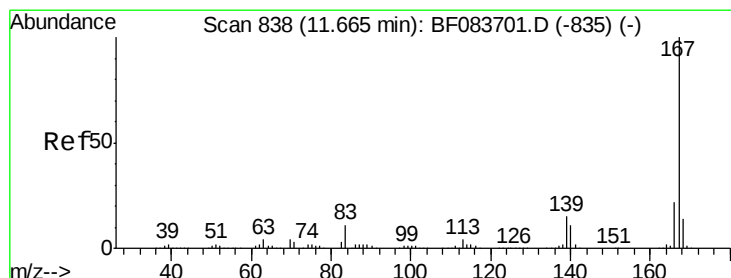
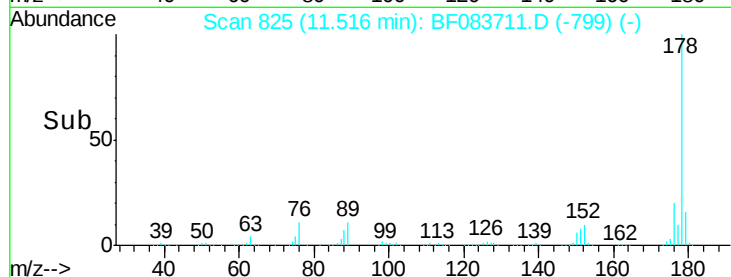
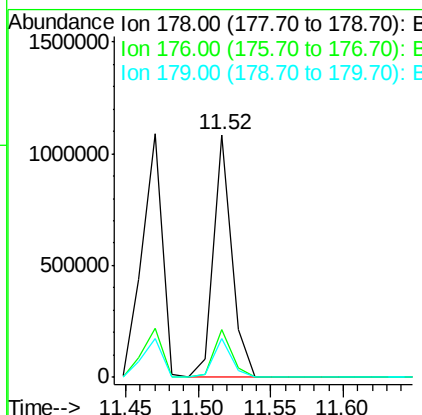
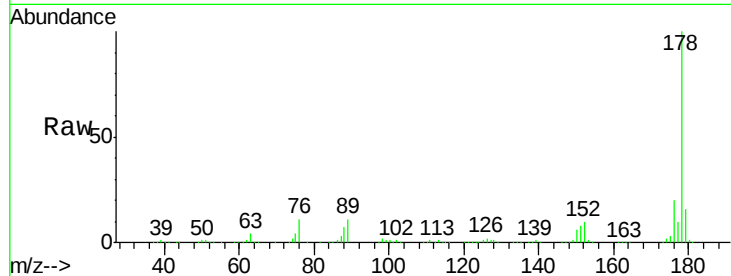
#71
 Anthracene
 Concen: 36.96 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	16.2	12.6	18.8

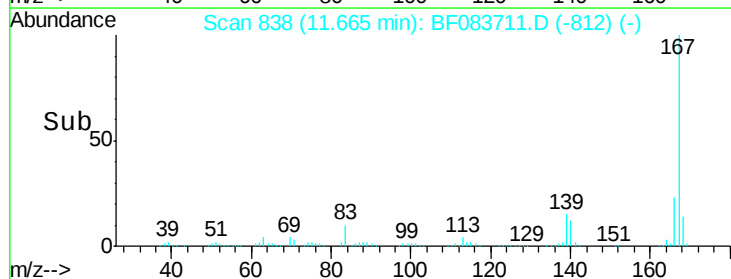
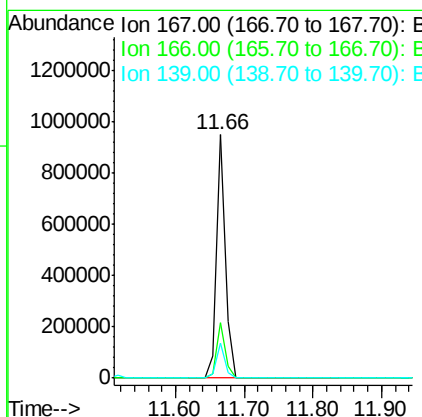
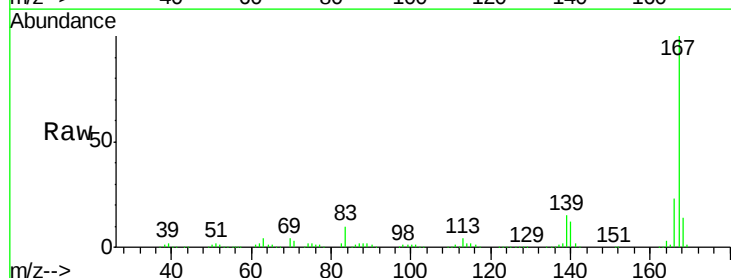
Manual Integrations
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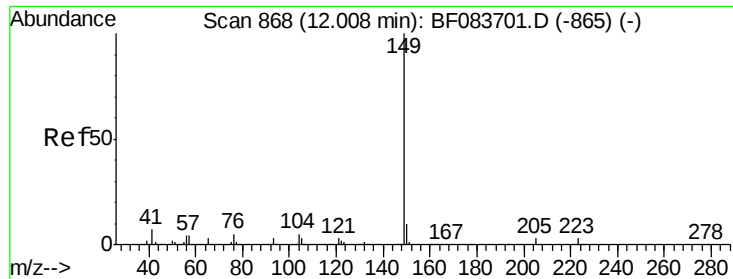
MMdadoda
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#72
 Carbazole
 Concen: 36.78 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.2	25.8
139	14.6	9.3	13.9#





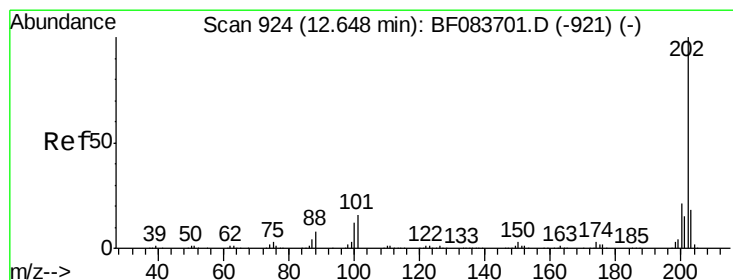
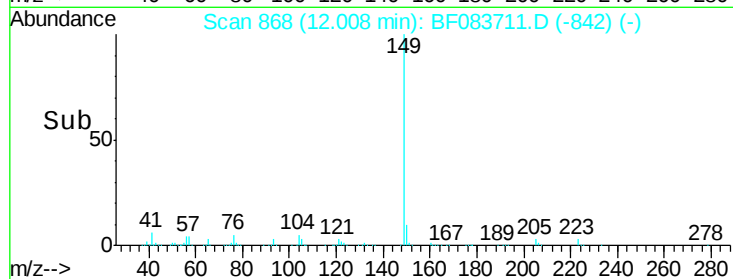
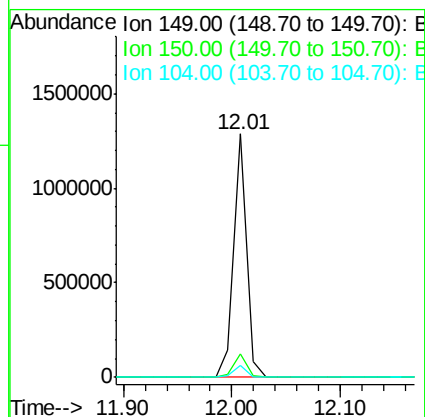
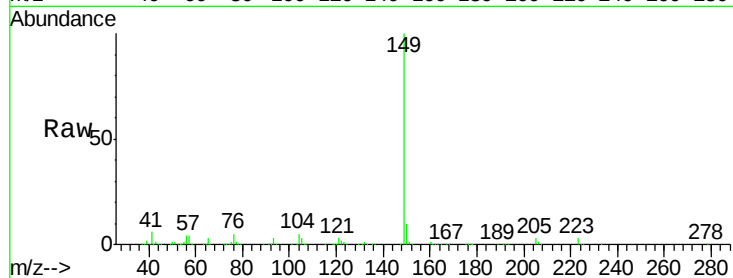
#73
Di-n-butylphthalate
Concen: 40.36 ng
RT: 12.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.9	5.9

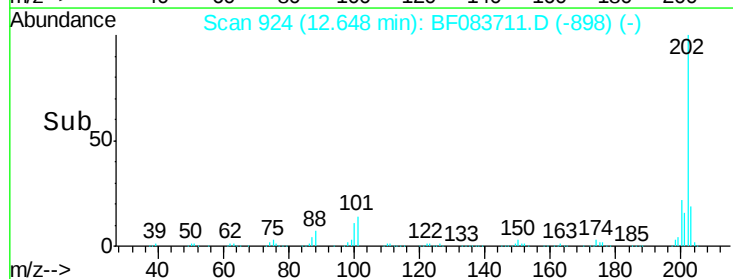
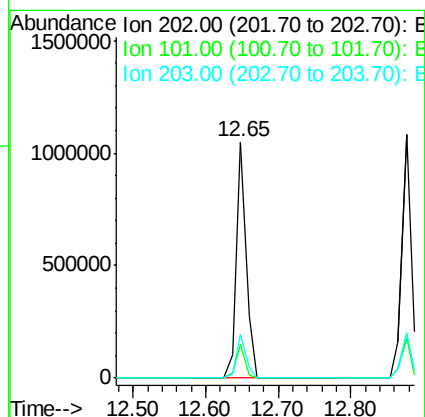
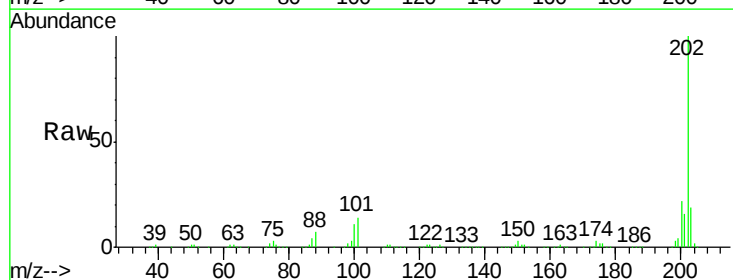
Manual Integrations
APPROVED

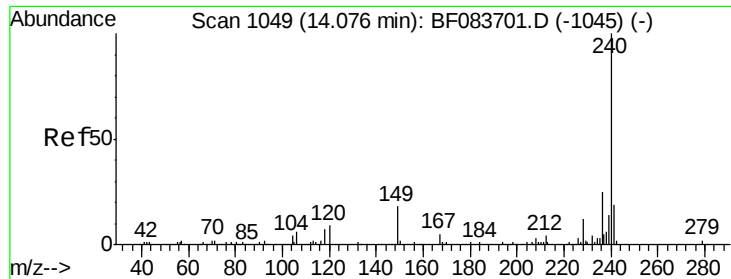
MMdadoda
12/14/2015 6:22:34 PM



#74
Fluoranthene
Concen: 37.96 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	31.5
203	18.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

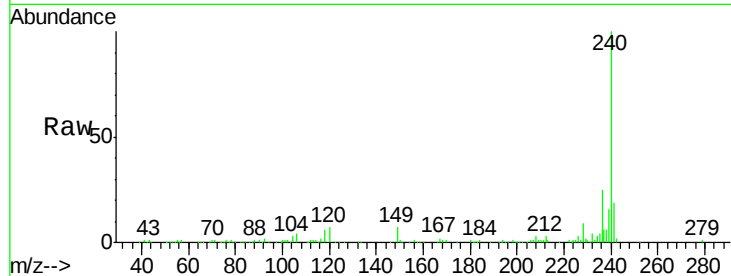
ClientSampleId :

PB87142BS

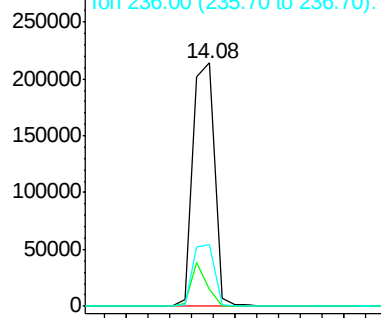
Tot Ion	Ratio	Resp	Lower	Upper
240	100	296701		
120	7.1	8.1	12.1	#
236	25.3	20.8	31.2	

Manual Integrations
APPROVED

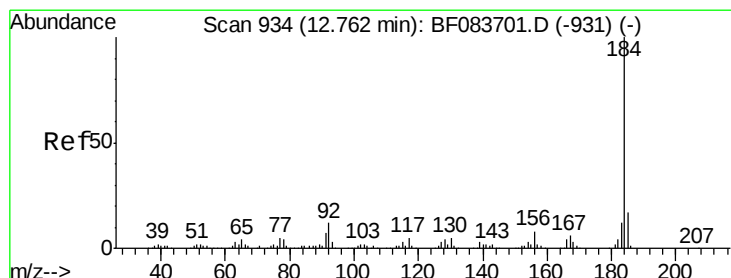
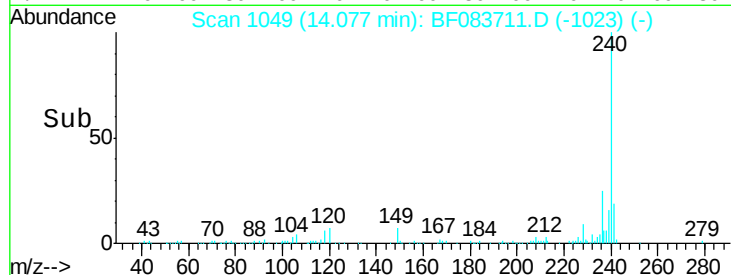
MMdadoda
12/14/2015 6:22:34 PM



Abundance Ion 240.00 (239.70 to 240.70): E



Time-->



#76

Benzidine

Concen: 16.42 ng

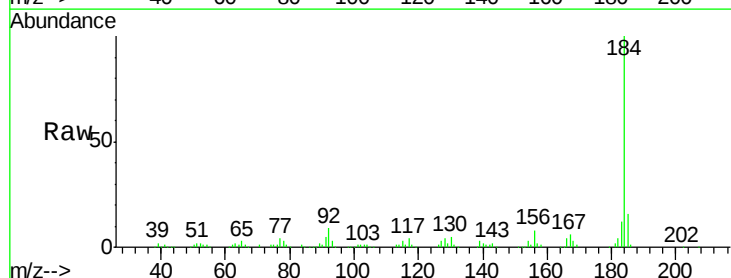
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

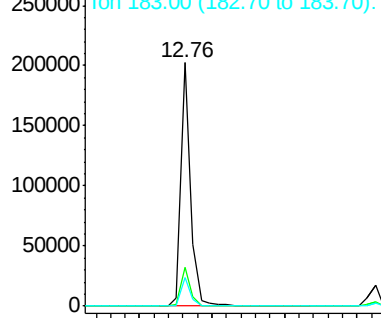
Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

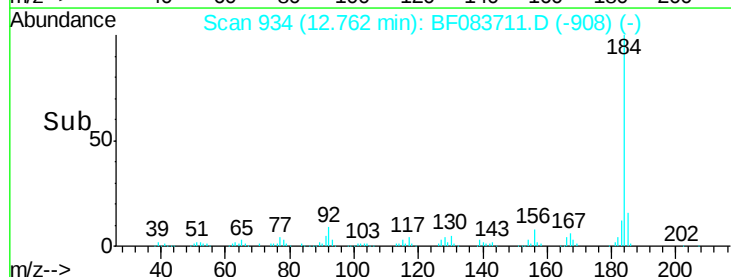
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	187854		
185	16.1	13.0	19.6	
183	11.9	9.0	13.4	

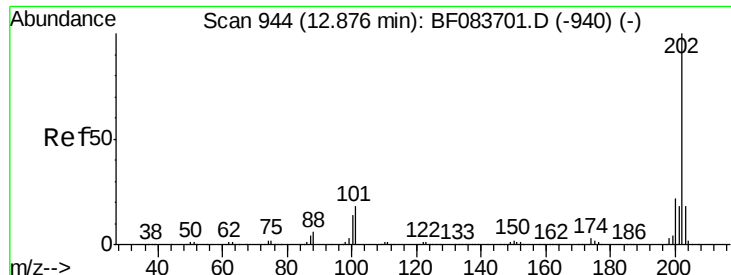


Abundance Ion 184.00 (183.70 to 184.70): E



Time-->





#77

Pvrene

Concen: 42.84 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

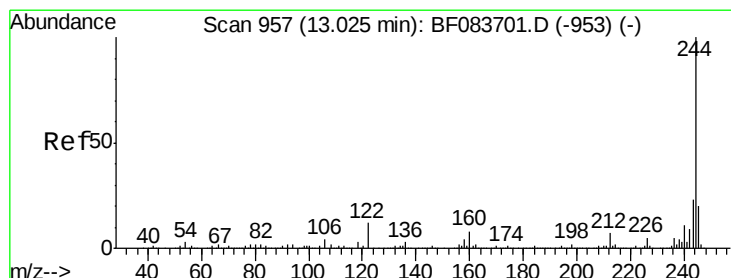
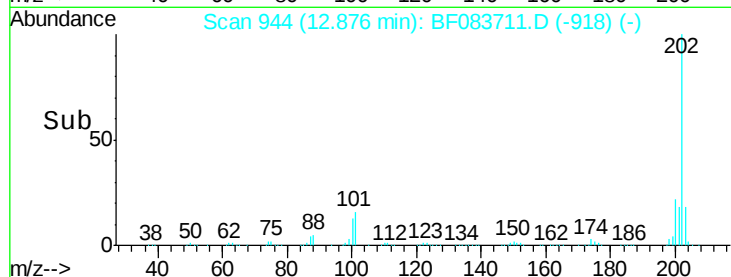
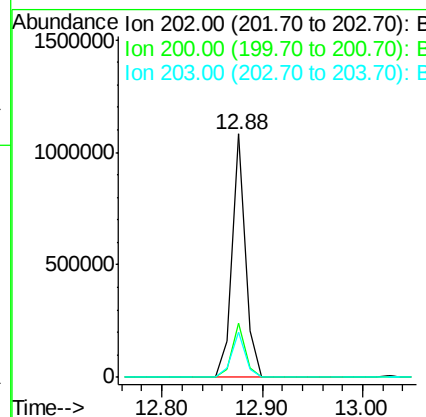
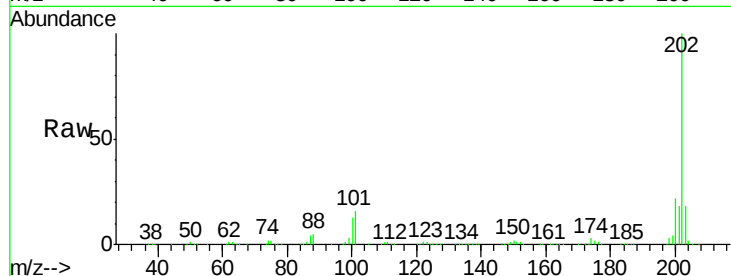
ClientSampleId :

PB87142BS

Tot Ion:	202	Resp:	1002215
Ion Ratio	Lower	Upper	
202	100		
200	22.3	16.7	25.1
203	18.4	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 91.47 ng

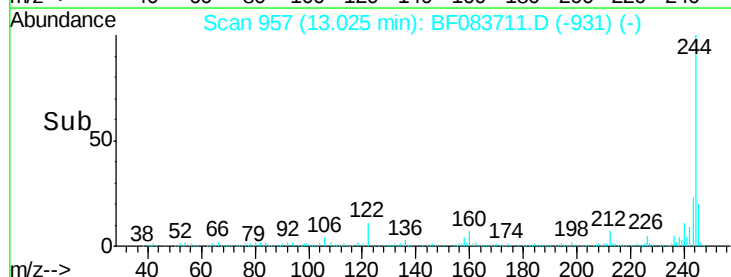
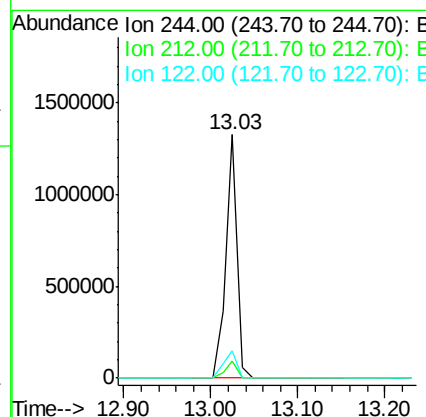
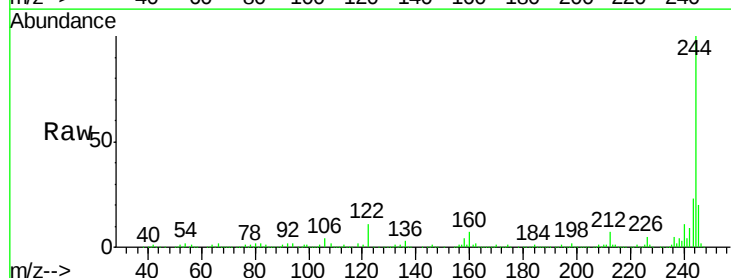
RT: 13.03 min Scan# 957

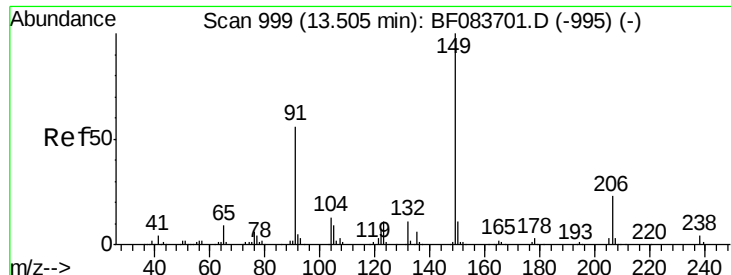
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	244	Resp:	1208543
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.1	9.1
122	11.0	11.0	16.6#





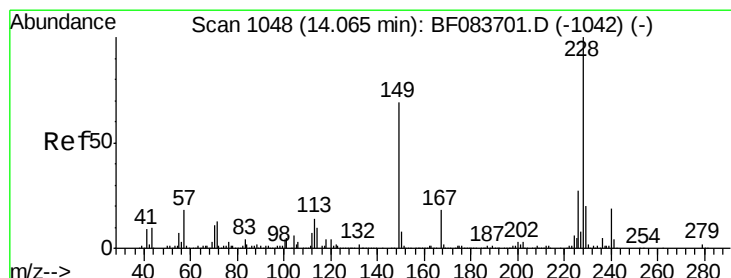
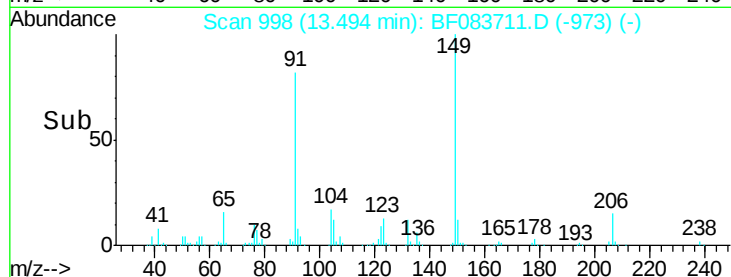
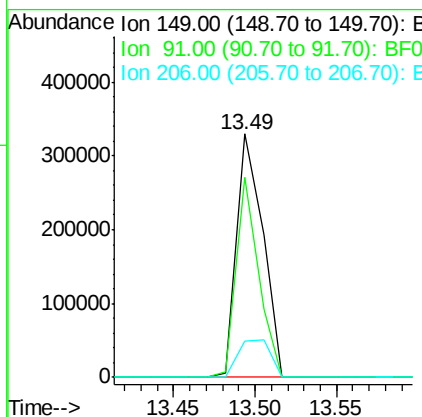
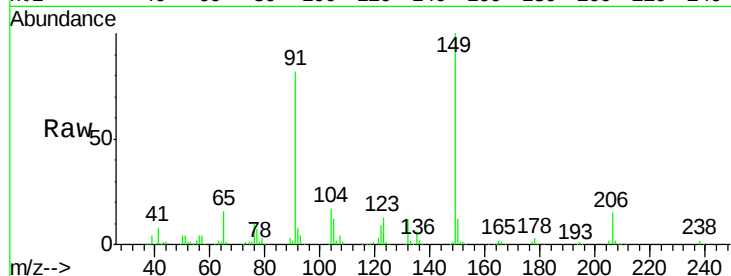
#79
Butylbenzylphthalate
Concen: 48.48 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.4	60.0	90.0
206	14.9	16.2	24.4

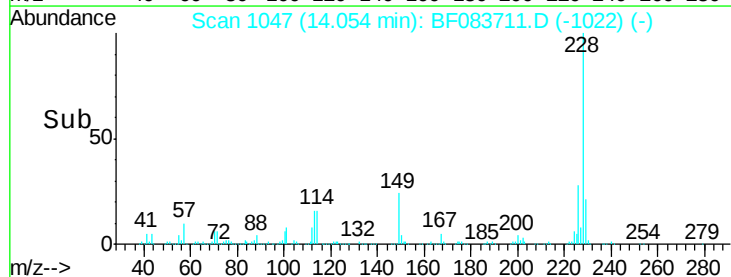
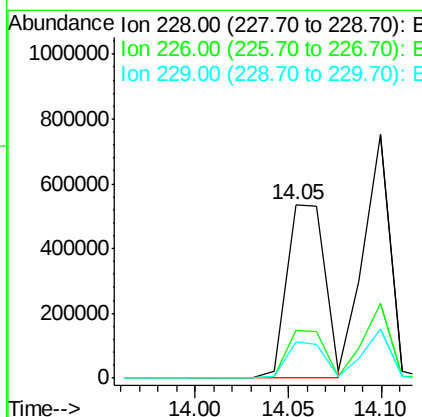
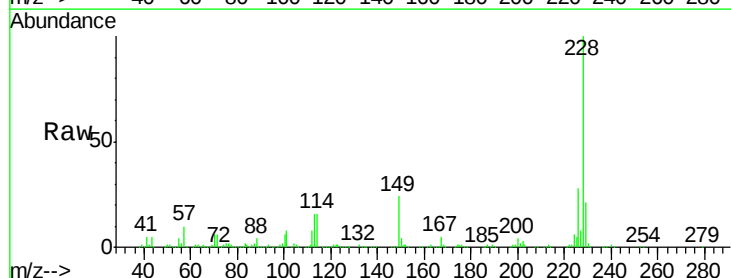
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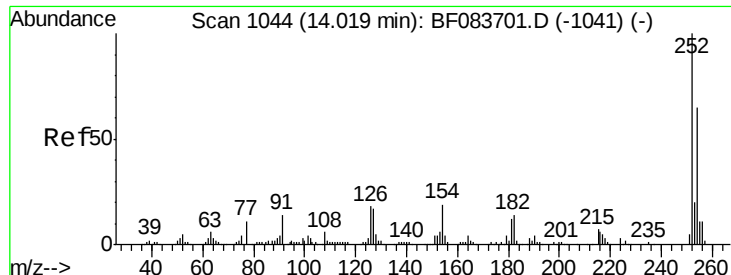
MMdadoda
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#80
Benzo(a)anthracene
Concen: 43.59 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.3	33.5
229	20.6	15.7	23.5





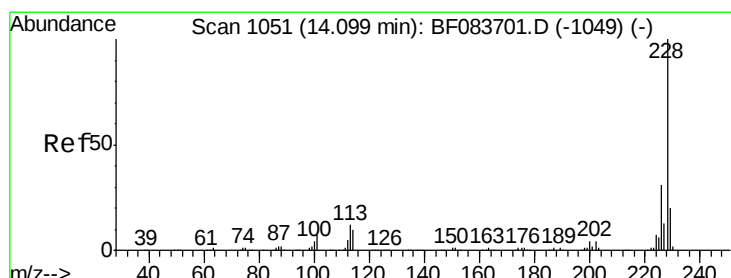
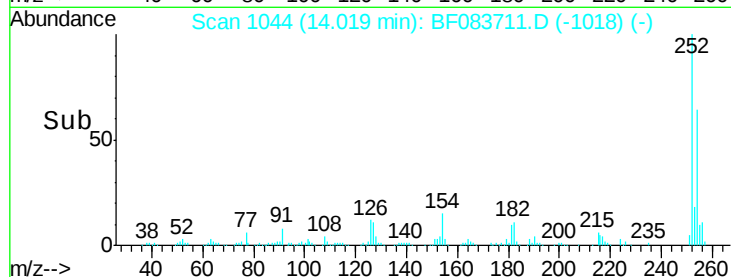
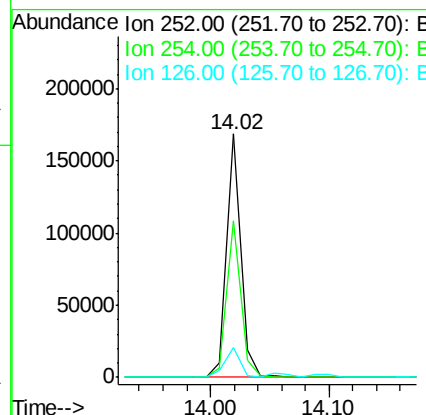
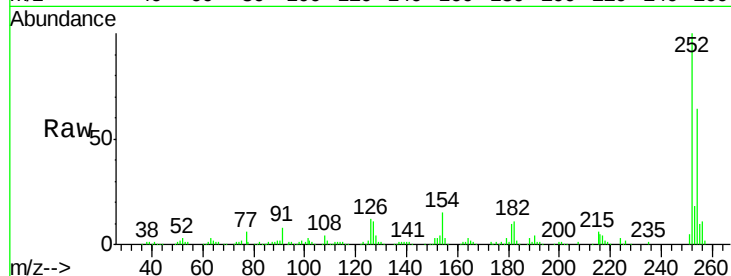
#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.6	76.0
126	12.3	11.0	16.4

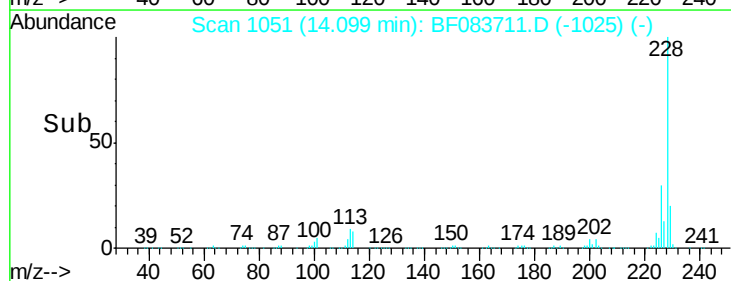
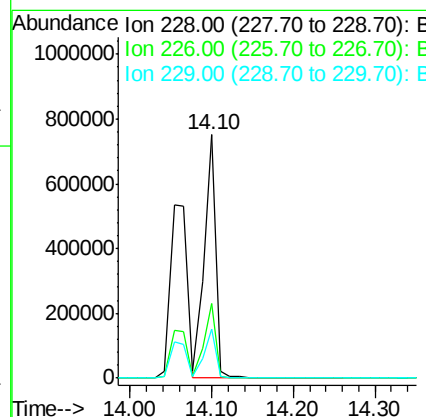
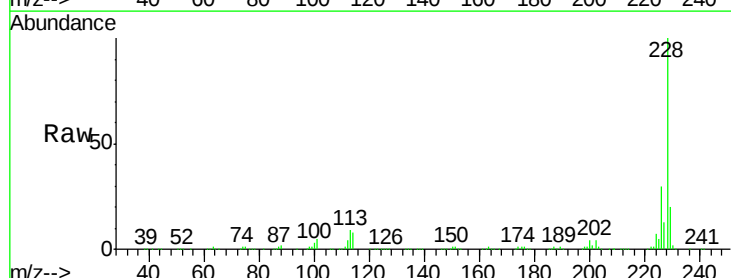
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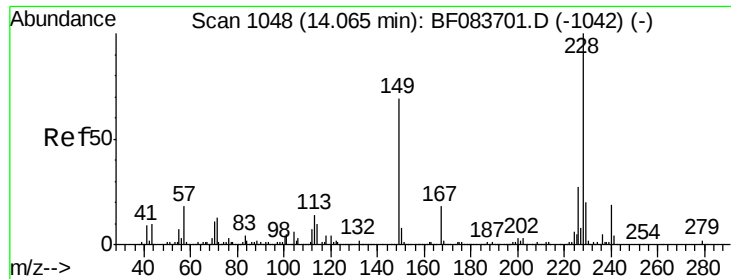
MMdadoda
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#82
 Chrysene
 Concen: 44.61 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.7	37.1
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.57 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

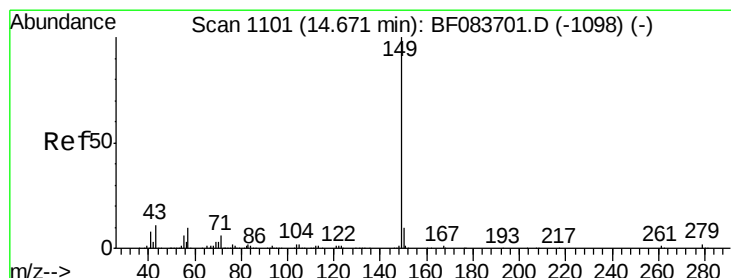
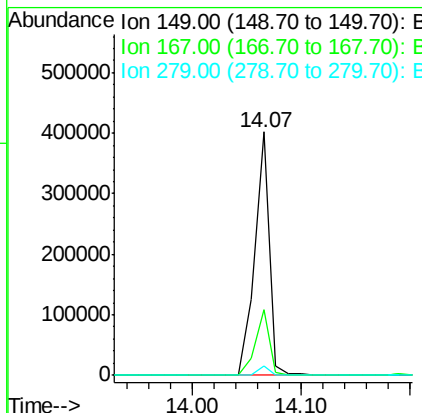
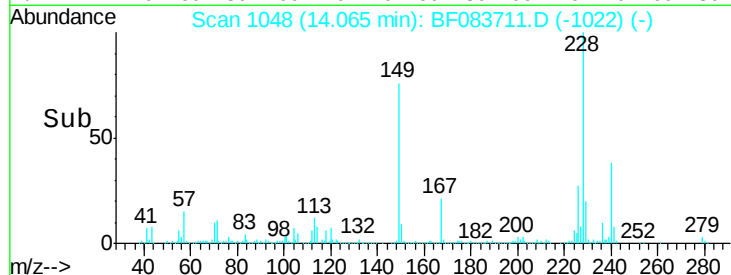
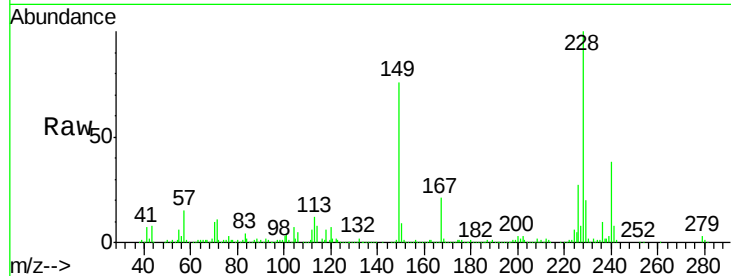
ClientSampleId :

PB87142BS

Tot Ion:	149	Resp:	377781
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.8
279	3.8	3.0	4.4

Manual Integrations
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MMdadoda
12/14/2015 6:22:34 PM



#84

Di-n-octyl phthalate

Concen: 43.68 ng

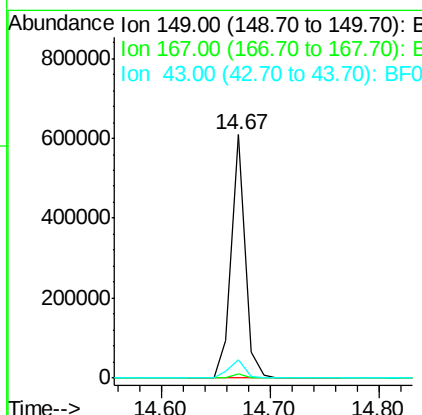
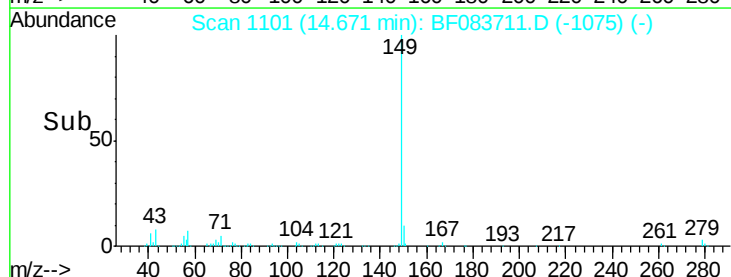
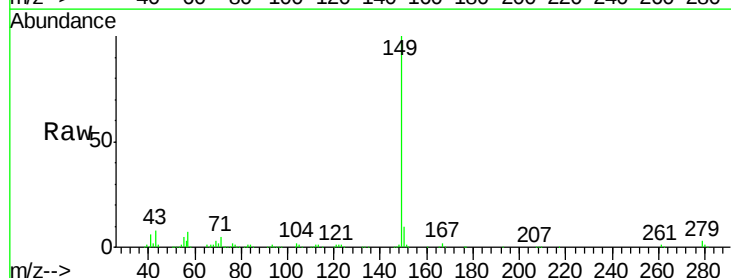
RT: 14.67 min Scan# 1101

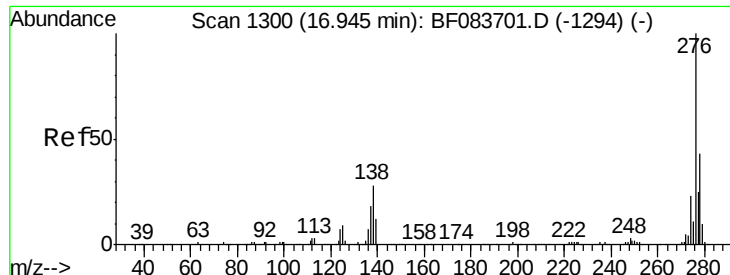
Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:	149	Resp:	535564
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.2	0.0	0.0#





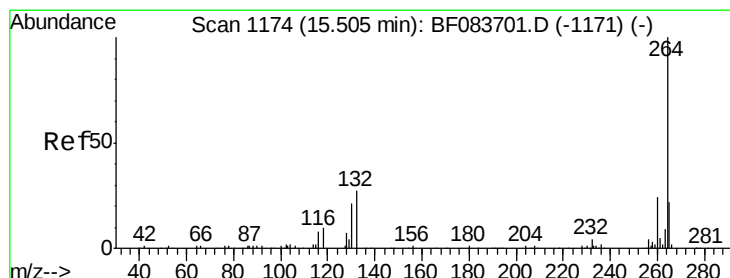
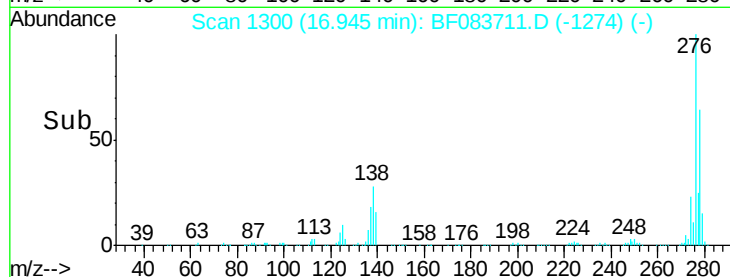
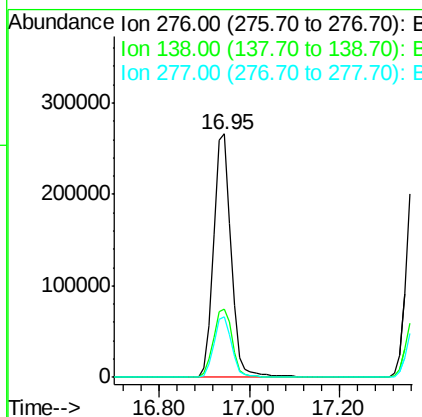
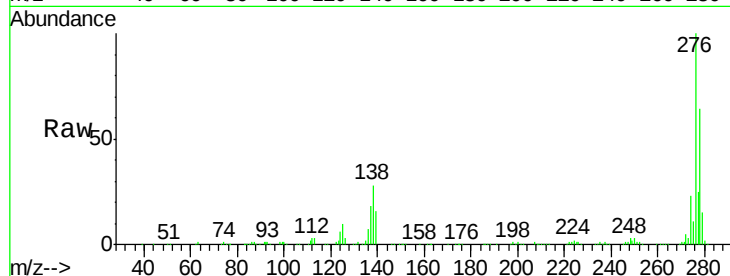
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.30 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.4	0.0	0.0#
277	25.3	0.0	0.0#

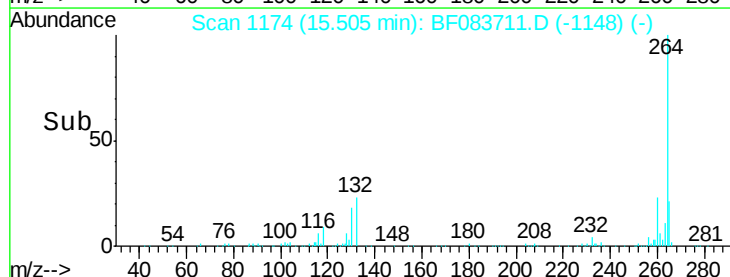
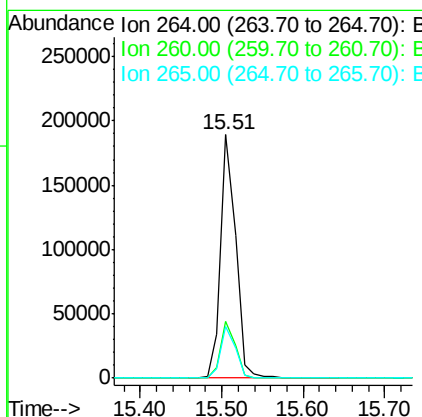
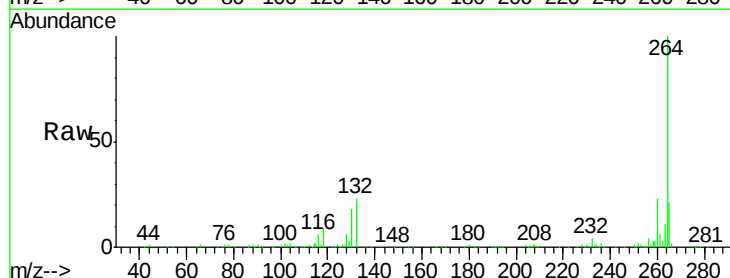
Manual Integrations
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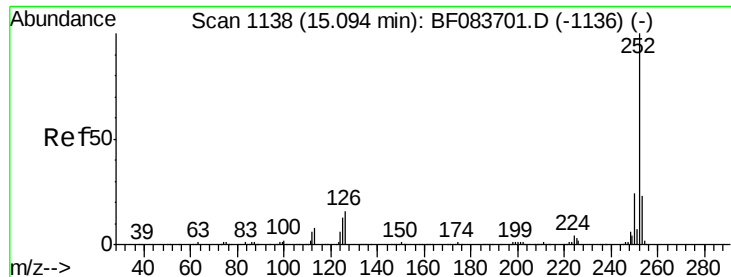
MMdadoda
 12/14/2015 6:22:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.1	17.8	26.6





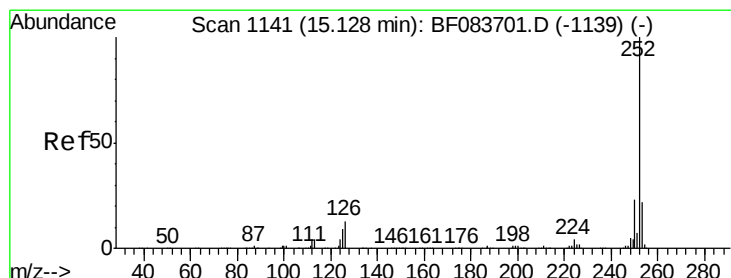
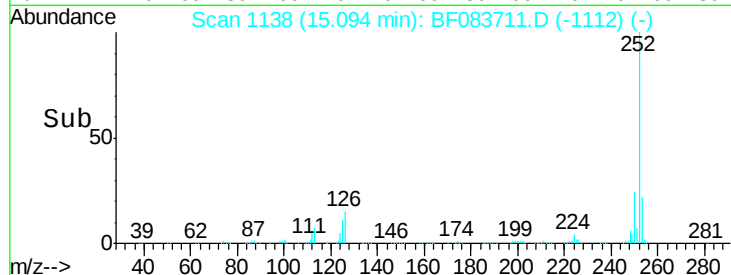
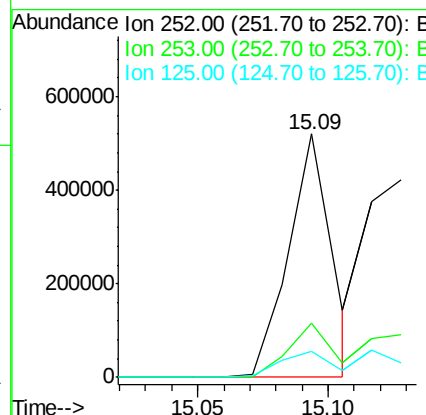
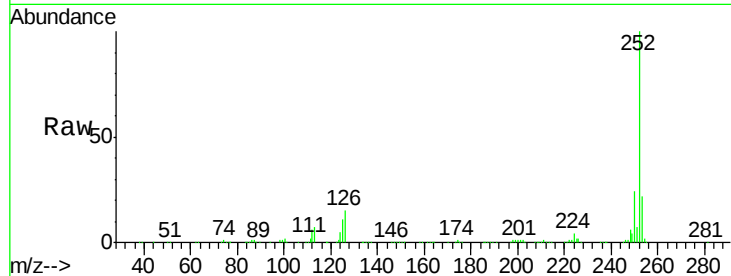
#87
Benzo(b)fluoranthene
Concen: 39.67 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.6	8.2	12.4

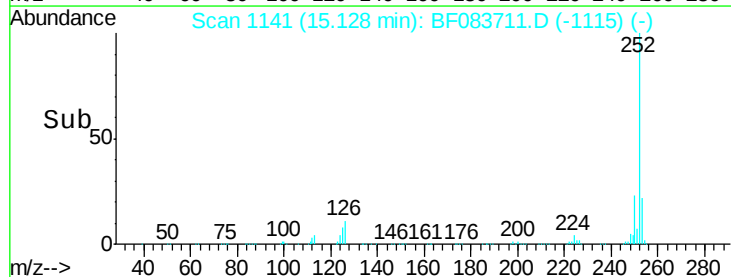
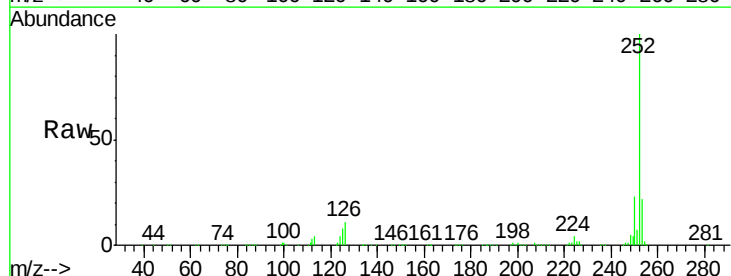
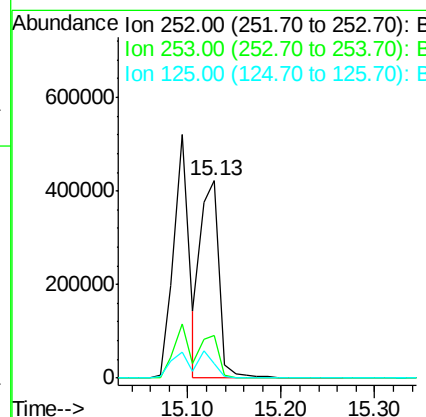
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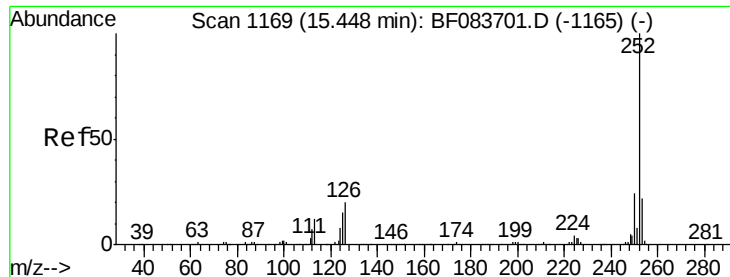
MMdadoda
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#88
Benzo(k)fluoranthene
Concen: 40.87 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	27.8
125	7.5	11.5	17.3#





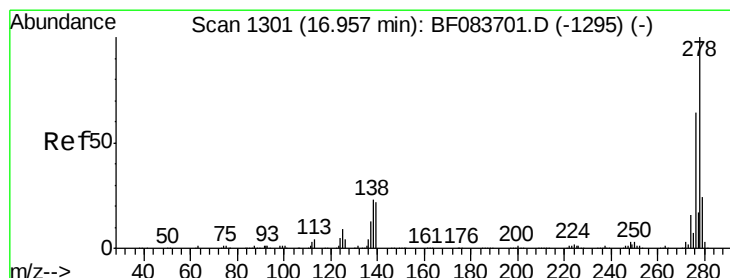
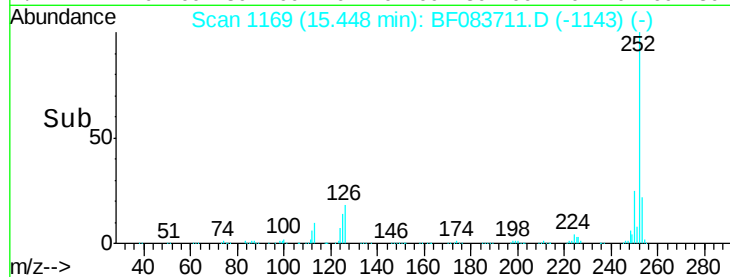
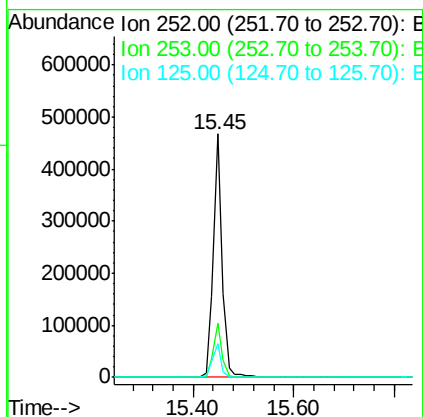
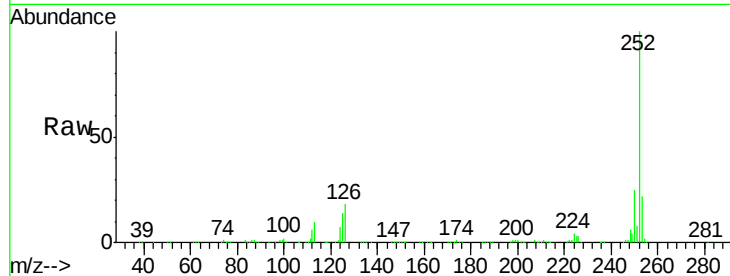
#89
Benzo(a)pyrene
Concen: 42.11 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.7	11.0	16.6

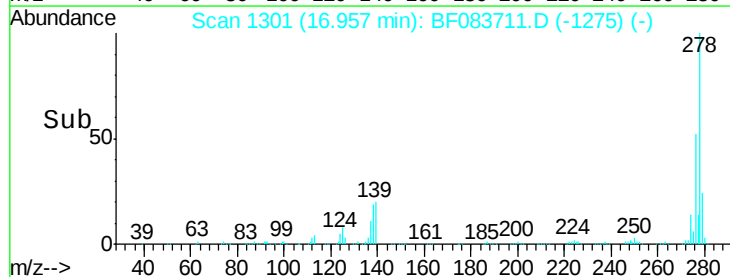
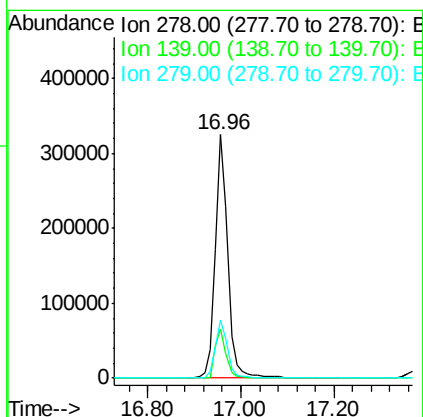
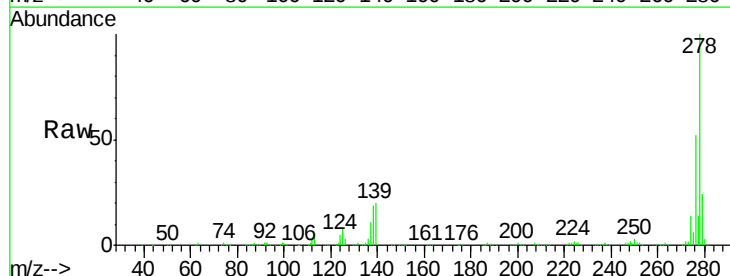
Manual Integrations
APPROVED

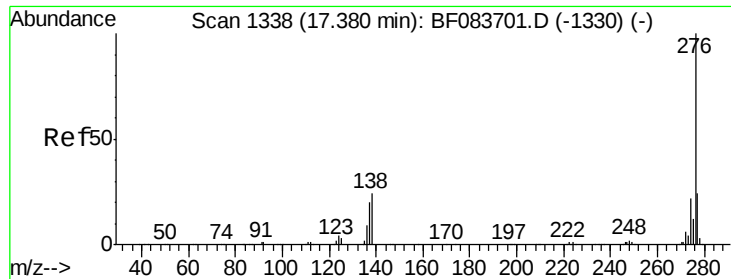
MMdadoda
12/14/2015 6:22:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.8	19.2#
279	23.9	18.6	28.0





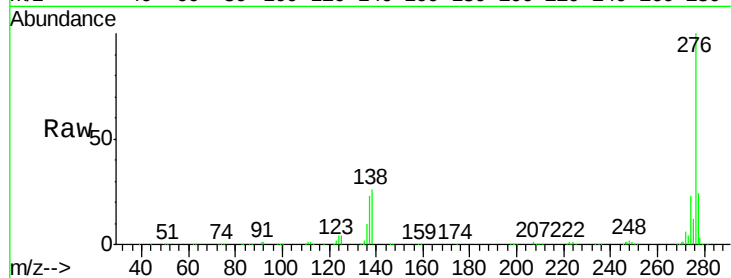
#91
 Benzo(a,h,i)perylene
 Concen: 44.30 ng
 RT: 17.37 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tot Ion:	276	Resp:	633954
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.2	28.8
138	26.4	19.5	29.3

Manual Integrations
 APPROVED

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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

