

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083609.D
 Acq On : 8 Dec 2015 22:20
 Operator : UM/IZ
 Sample : PB87105BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:26 PM

Quant Time: Dec 17 10:23:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	140802	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	555349	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	274940	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	502052	20.00	ng	0.00
75) Chrysene-d12	16.99	240	404277	20.00	ng	0.00
86) Perylene-d12	18.64	264	311502	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.00	112	1205011	129.80	ng	0.02
7) Phenol-d6	5.28	99	1536936	123.91	ng	0.00
23) Nitrobenzene-d5	6.53	82	1001608	84.16	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	320318	130.77	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1625909	83.23	ng	0.00
78) Terphenyl-d14	15.41	244	1537421	89.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.88	88	169081	36.87	ng	# 91
3) Pyridine	2.32	79	491104	44.08	ng	99
4) n-Nitrosodimethylamine	2.28	42	266253	45.39	ng	98
6) Aniline	5.26	93	416098	27.22	ng	89
8) 2-Chlorophenol	5.42	128	448888	44.21	ng	94
9) Benzaldehyde	5.12	77	121338	15.49	ng	97
10) Phenol	5.29	94	668213	44.48	ng	84
11) bis(2-Chloroethyl)ether	5.36	93	457364	41.38	ng	95
12) 1,3-Dichlorobenzene	5.61	146	480889m	42.50	ng	
13) 1,4-Dichlorobenzene	5.72	146	491175	42.31	ng	99
14) 1,2-Dichlorobenzene	5.94	146	465790	43.24	ng	97
15) Benzyl Alcohol	5.95	79	443696	50.27	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.12	45	856070	41.88	ng	# 61
17) 2-Methylphenol	6.14	107	383777	46.46	ng	93
18) Hexachloroethane	6.41	117	176188	42.98	ng	# 86
19) n-Nitroso-di-n-propylamine	6.34	70	391225	45.19	ng	97
20) 3+4-Methylphenols	6.38	107	487676	44.84	ng	99
22) Acetophenone	6.32	105	639107	41.03	ng	# 99
24) Nitrobenzene	6.56	77	532913	40.51	ng	98
25) Isophorone	6.93	82	981072	42.48	ng	99
26) 2-Nitrophenol	7.04	139	232197	44.45	ng	95
27) 2,4-Dimethylphenol	7.16	122	408290	44.69	ng	95
28) bis(2-Chloroethoxy)methane	7.29	93	591847	46.15	ng	99
29) 2,4-Dichlorophenol	7.45	162	389436	46.87	ng	99
30) 1,2,4-Trichlorobenzene	7.53	180	396505	43.20	ng	99
31) Naphthalene	7.63	128	1283921	43.65	ng	99
32) Benzoic acid	7.49	122	223652	38.81	ng	99
33) 4-Chloroaniline	7.78	127	177886	16.59	ng	94
34) Hexachlorobutadiene	7.84	225	227391	42.40	ng	98
35) Caprolactam	8.37	113	122336m	49.05	ng	
36) 4-Chloro-3-methylphenol	8.62	107	422118	45.22	ng	92
37) 2-Methylnaphthalene	8.73	142	855151	46.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	381443	42.26	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	164585	77.04	ng	99

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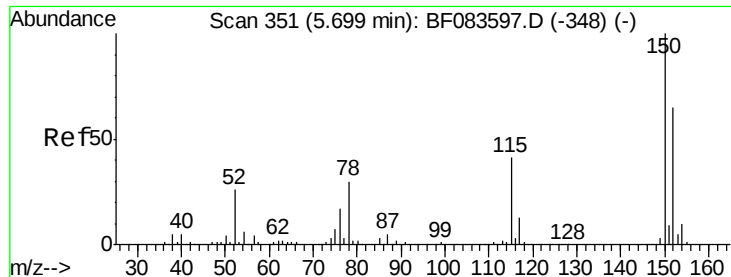
Manual Integrations
 APPROVED

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Quant Time: Dec 17 10:23:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	226348	42.14	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	244001	45.89	nq	98
45) 1,1'-Biphenyl	9.49	154	997558	41.74	nq	99
46) 2-Chloronaphthalene	9.50	162	778725	43.16	nq	96
47) 2-Nitroaniline	9.72	65	298360	45.85	nq	94
48) Acenaphthylene	10.16	152	1274439	42.84	nq	99
49) Dimethylphthalate	10.04	163	958909	43.81	nq	99
50) 2,6-Dinitrotoluene	10.13	165	201753	44.65	nq	93
51) Acenaphthene	10.44	154	747945	43.91	nq	98
52) 3-Nitroaniline	10.41	138	114425	23.83	nq	83
53) 2,4-Dinitrophenol	10.60	184	179445	80.23	nq	96
54) Dibenzofuran	10.73	168	1126190	47.68	nq	97
55) 4-Nitrophenol	10.81	139	202208	95.64	nq	89
56) 2,4-Dinitrotoluene	10.80	165	278289	46.44	nq	# 85
57) Fluorene	11.28	166	914324	44.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.97	232	218299	50.90	nq	# 100
59) Diethylphthalate	11.18	149	932286	43.81	nq	99
60) 4-Chlorophenyl-phenylether	11.31	204	427847	43.60	nq	90
61) 4-Nitroaniline	11.40	138	193055	44.25	nq	87
62) Azobenzene	11.56	77	1156106	49.37	nq	96
64) 4,6-Dinitro-2-methylphenol	11.46	198	144487	42.47	nq	93
65) n-Nitrosodiphenylamine	11.52	169	765283	46.19	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	248047	44.30	nq	97
67) Hexachlorobenzene	12.17	284	270665	45.56	nq	93
68) Atrazine	12.44	200	249734	50.66	nq	98
69) Pentachlorophenol	12.53	266	162759	98.32	nq	99
70) Phenanthrene	12.82	178	1302120	45.14	nq	100
71) Anthracene	12.91	178	1372283	45.92	nq	99
72) Carbazole	13.21	167	1192560	46.54	nq	98
73) Di-n-butylphthalate	13.84	149	1501421	46.59	nq	99
74) Fluoranthene	14.75	202	1353369	45.86	nq	99
76) Benzidine	15.03	184	377293	30.00	nq	98
77) Pyrene	15.11	202	1392944	47.86	nq	99
79) Butylbenzylphthalate	16.24	149	612014	47.37	nq	88
80) Benzo(a)anthracene	16.98	228	1101452	46.55	nq	99
81) 3,3'-Dichlorobenzidine	16.97	252	239911	30.01	nq	98
82) Chrysene	17.03	228	1084983	45.74	nq	99
83) Bis(2-ethylhexyl)phthalate	17.09	149	859527	47.94	nq	100
84) Di-n-octyl phthalate	17.86	149	1330994	48.58	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.86	276	711080	44.41	nq	# 100
87) Benzo(b)fluoranthene	18.25	252	787193m	44.38	nq	
88) Benzo(k)fluoranthene	18.28	252	914701m	46.80	nq	
89) Benzo(a)pyrene	18.58	252	781637	45.16	nq	# 96
90) Dibenzo(a,h)anthracene	19.86	278	602289	45.51	nq	98
91) Benzo(g,h,i)perylene	20.23	276	580254	44.97	nq	95

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



#1

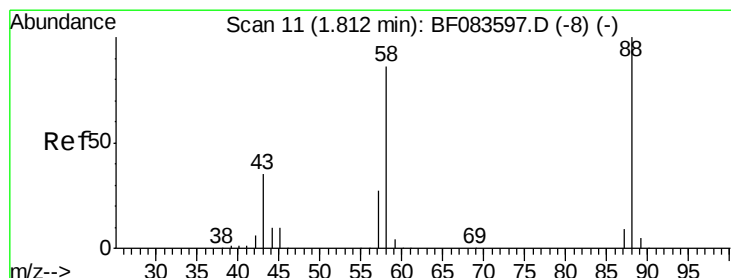
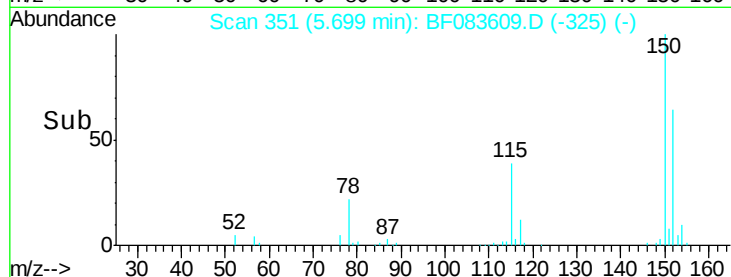
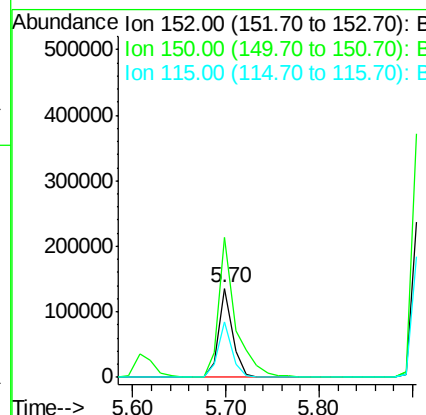
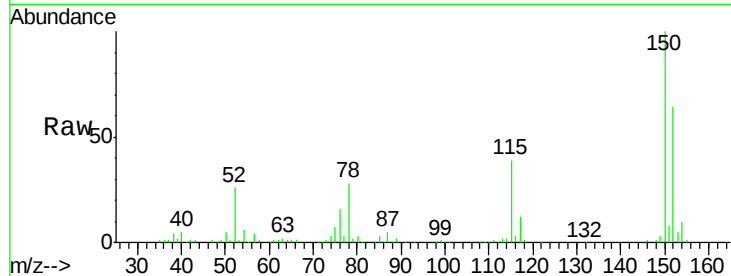
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.5	189.7
115	61.7	52.3	78.5

Manual Integrations
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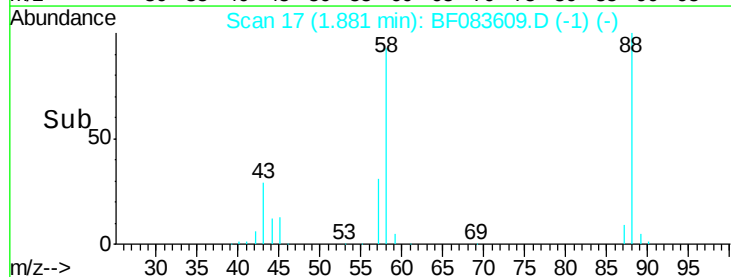
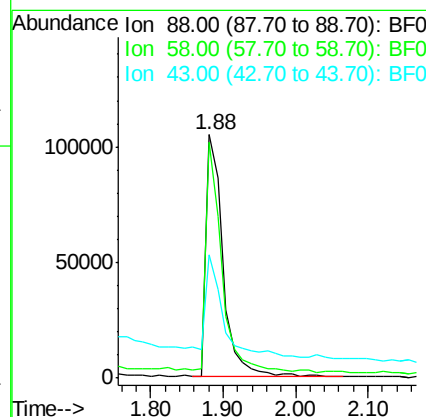
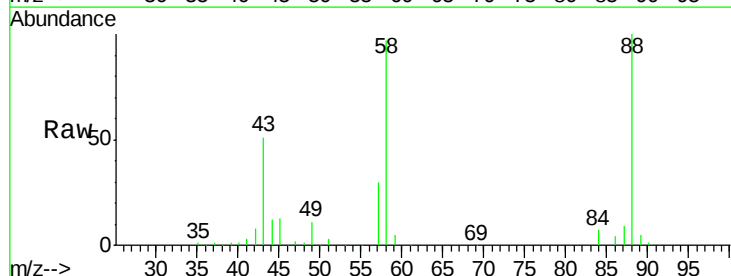
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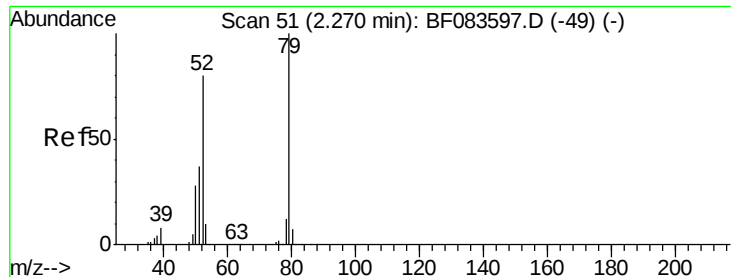


#2

1,4-Dioxane
Concen: 36.87 ng
RT: 1.88 min Scan# 17
Delta R.T. 0.07 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	68.0	102.0
43	45.3	27.9	41.9#





#3

Pvridine

Concen: 44.08 ng

RT: 2.32 min Scan# 55

Delta R.T. 0.05 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

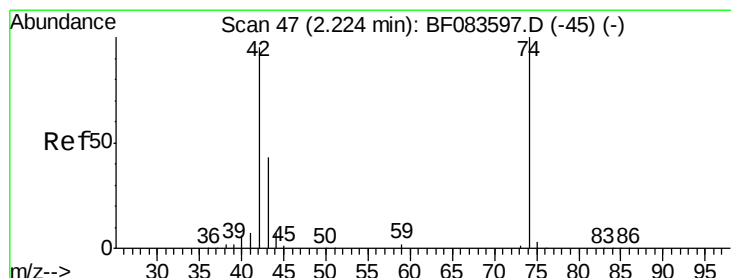
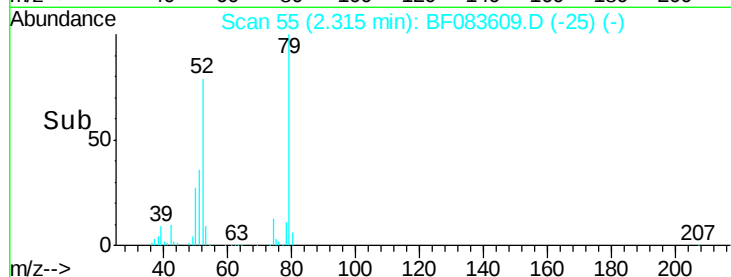
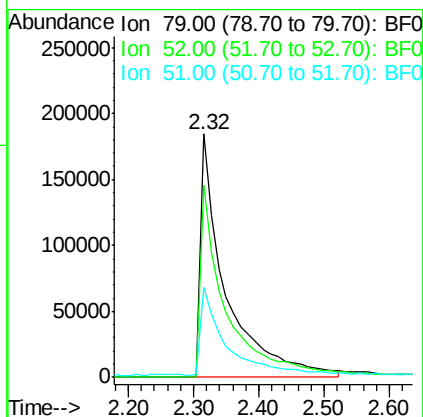
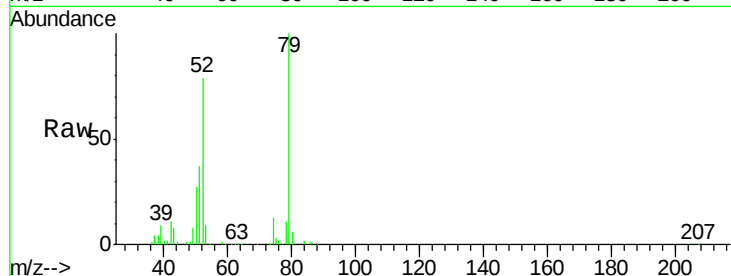
ClientSampleId :

PB87105BS

Tot Ion:	79	Resp:	491104
Ion Ratio	Lower	Upper	
79	100		
52	79.3	63.7	95.5
51	37.2	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.39 ng

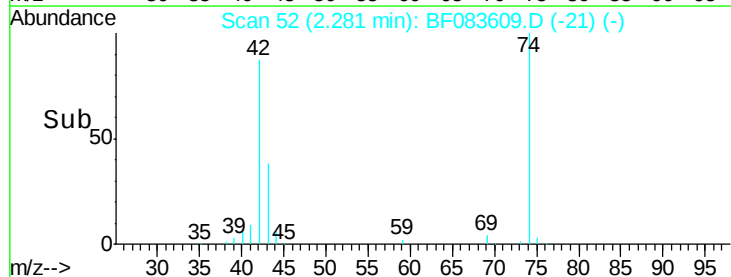
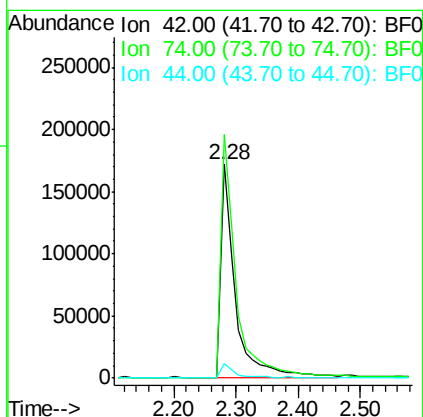
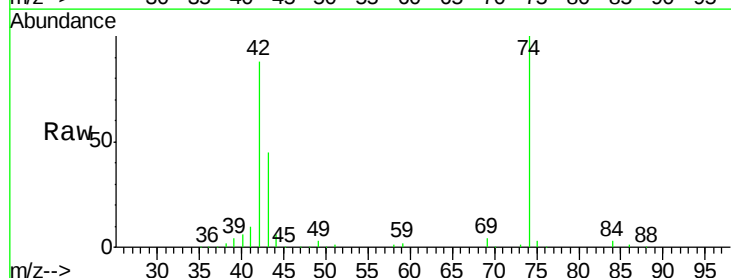
RT: 2.28 min Scan# 52

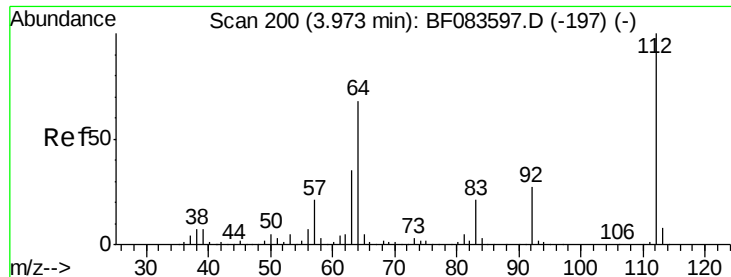
Delta R.T. 0.06 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	42	Resp:	266253
Ion Ratio	Lower	Upper	
42	100		
74	113.8	92.9	139.3
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 129.80 ng

RT: 4.00 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

PB87105BS

Tot Ion: 112 Resp: 1205011

Ion Ratio Lower Upper

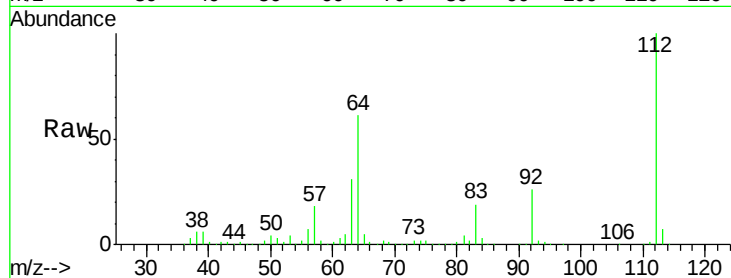
112 100

64 60.8 50.5 75.7

63 30.8 25.8 38.6

Manual Integrations
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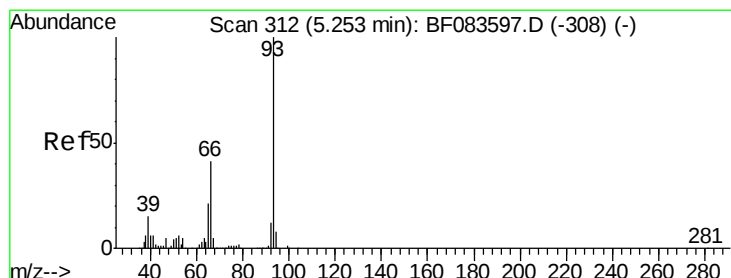
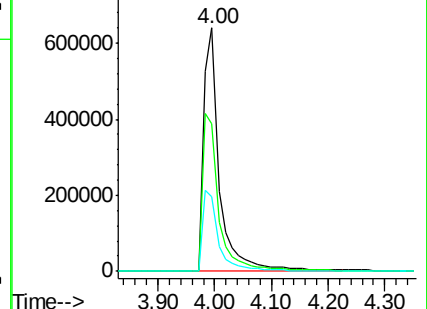
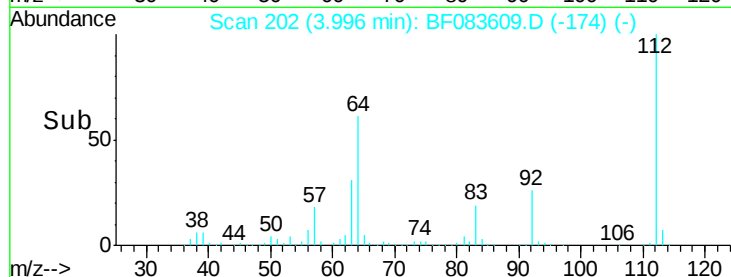
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.22 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.01 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

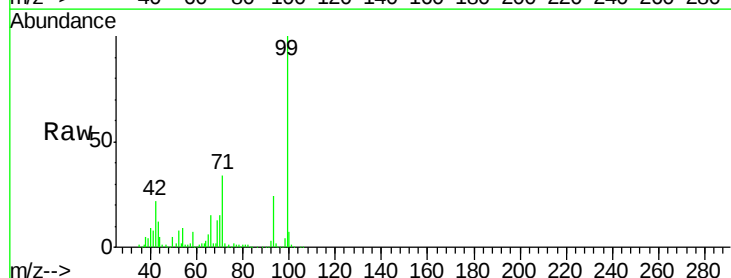
Tgt Ion: 93 Resp: 416098

Ion Ratio Lower Upper

93 100

66 61.9 41.3 61.9

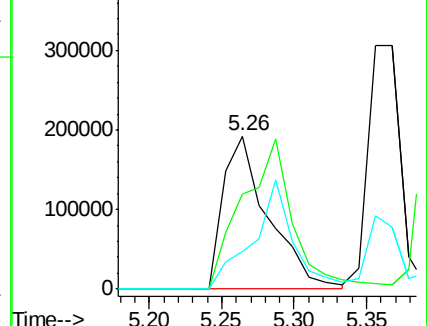
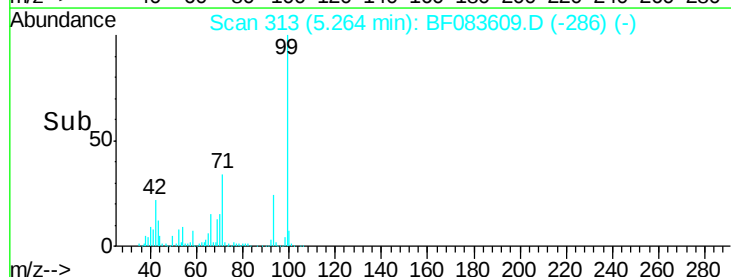
65 24.5 20.8 31.2

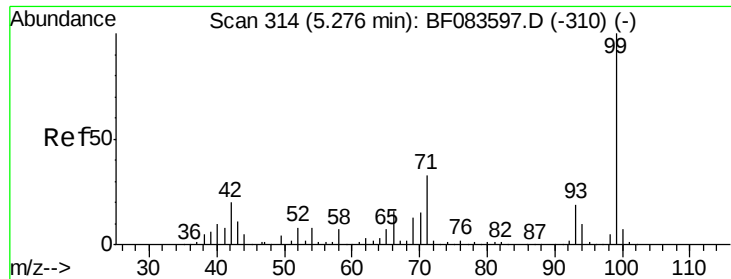


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.91 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

PB87105BS

Tot Ion: 99 Resp: 1536936

Ion Ratio Lower Upper

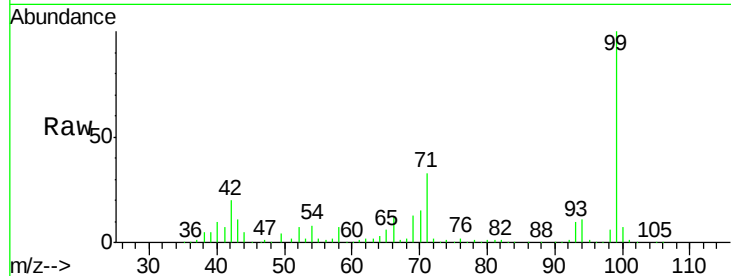
99 100

42 20.1 17.3 25.9

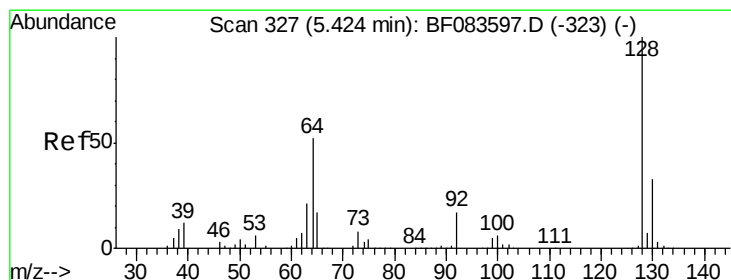
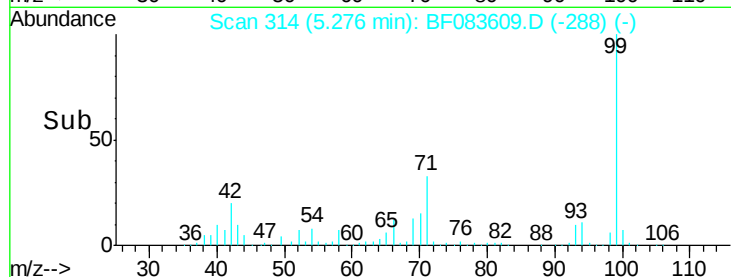
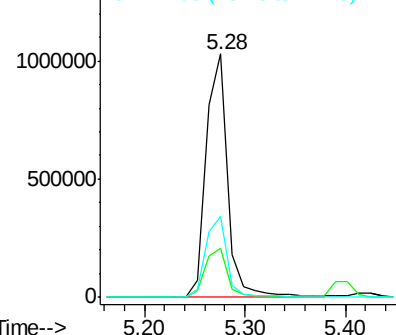
71 33.2 26.6 40.0

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



#8

2-Chlorophenol

Concen: 44.21 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

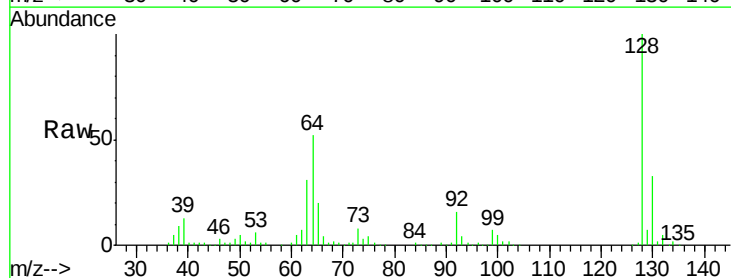
Tgt Ion:128 Resp: 448888

Ion Ratio Lower Upper

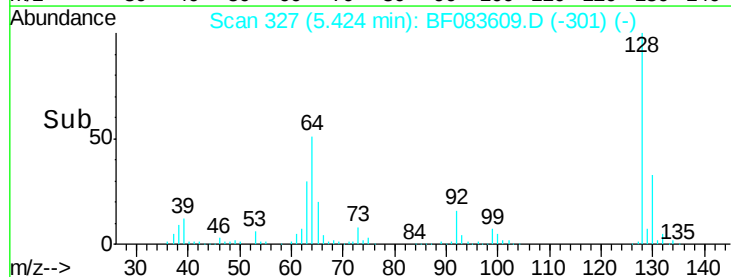
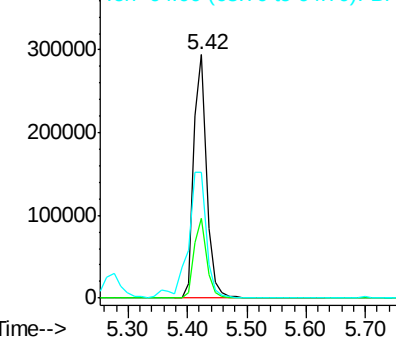
128 100

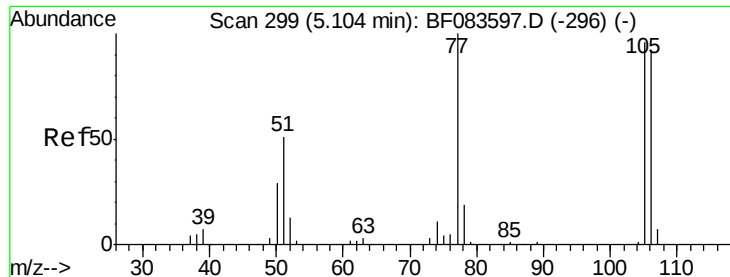
130 32.6 12.6 52.6

64 51.6 38.6 78.6



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





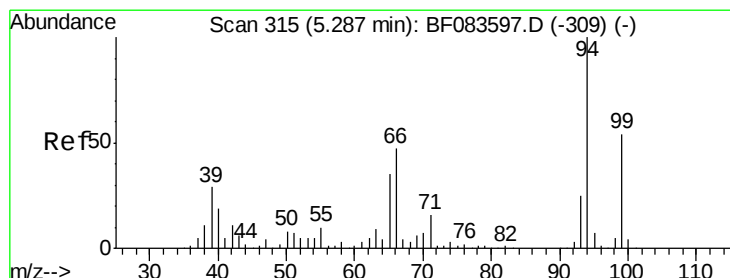
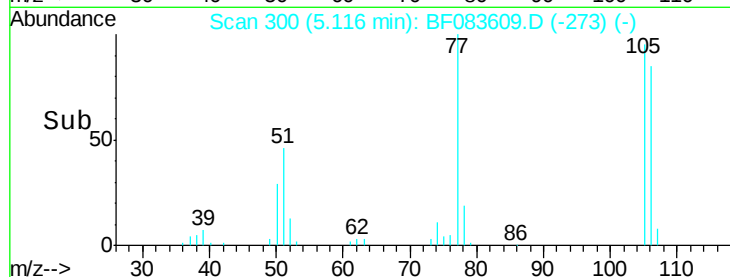
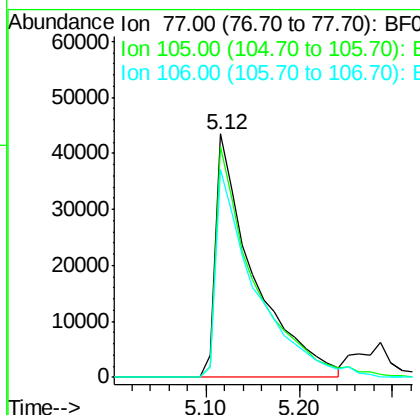
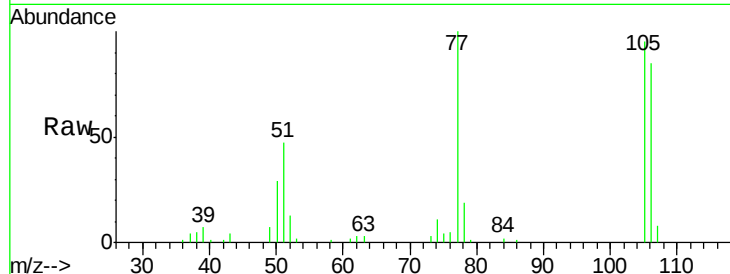
#9
Benzaldehyde
Concen: 15.49 ng
RT: 5.12 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.8	71.8	111.8		
106	85.1	66.8	106.8		

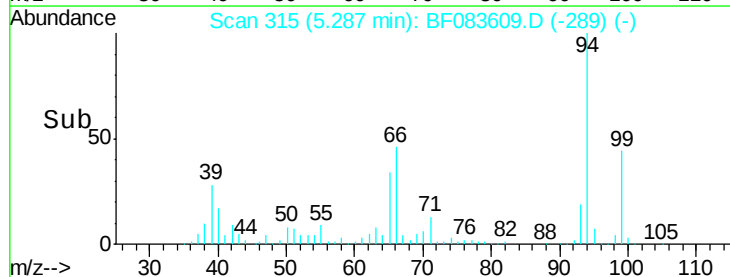
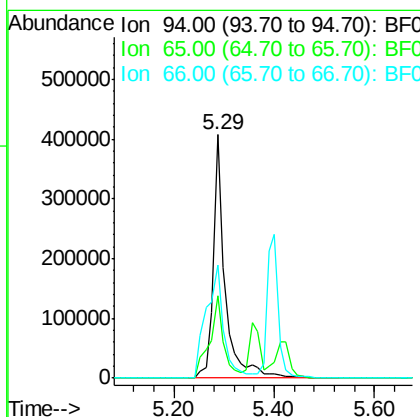
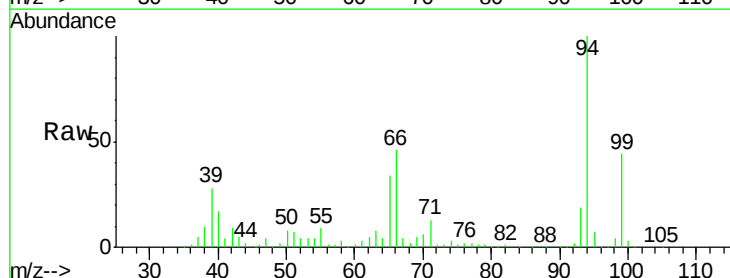
Manual Integrations
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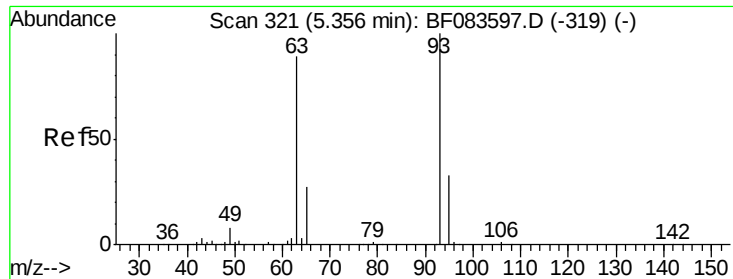
Mmdadoda
12/9/2015 6:13:26 PM



#10
Phenol
Concen: 44.48 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.8	20.9	60.9		
66	46.3	41.6	81.6		





#11

bis(2-Chloroethyl)ether

Concen: 41.38 ng

RT: 5.36 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

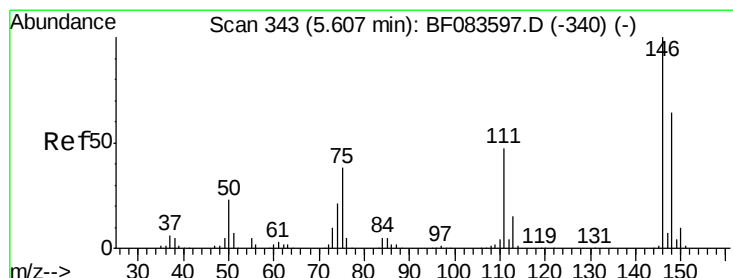
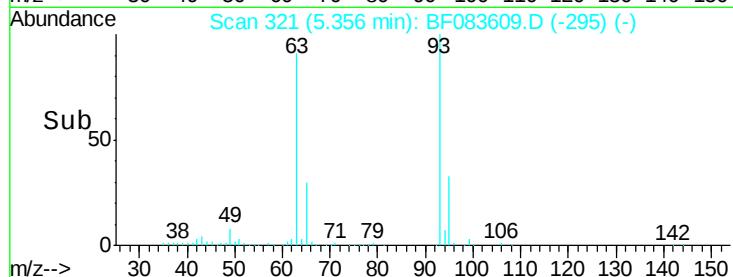
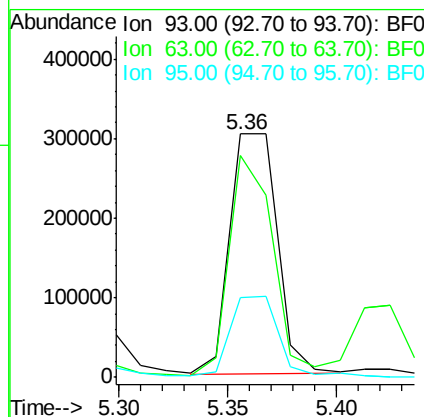
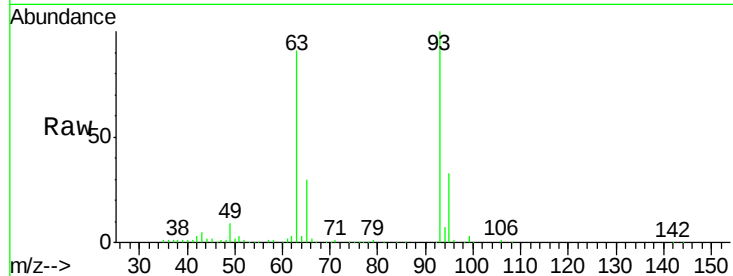
ClientSampleId :

PB87105BS

Manual Integrations
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12/9/2015 6:13:26 PM

Tot Ion:	93	Resp:	457364
Ion	Ratio	Lower	Upper
93	100		
63	91.0	64.7	104.7
95	33.0	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 42.50 ng m

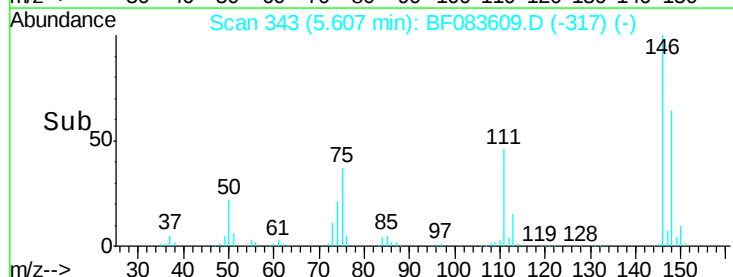
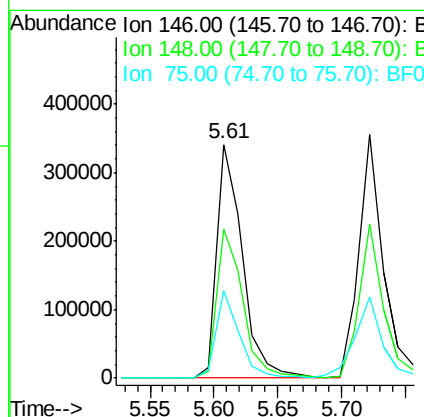
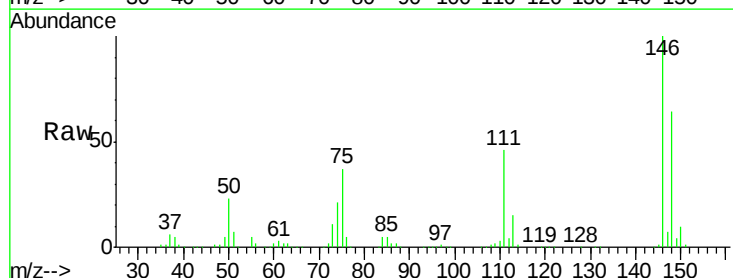
RT: 5.61 min Scan# 343

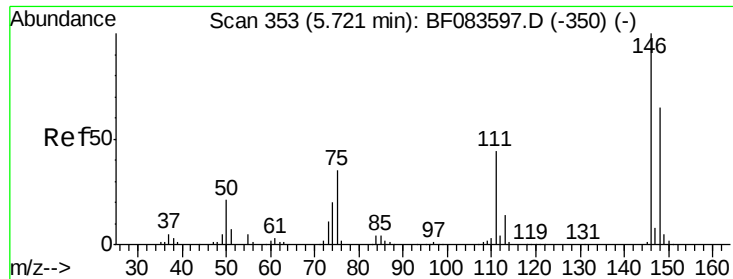
Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	146	Resp:	480889
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
75	37.2	24.1	36.1#





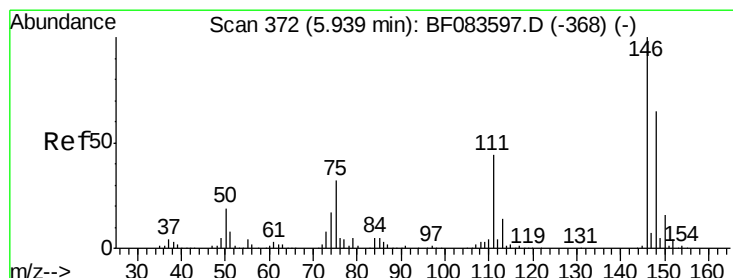
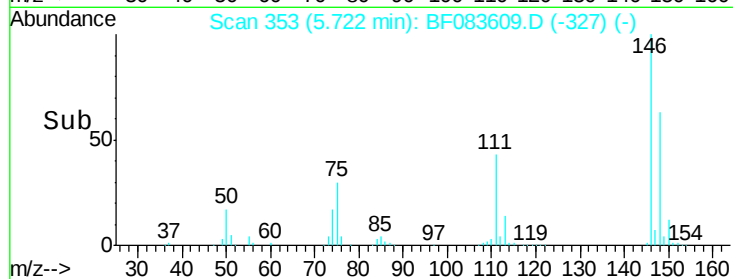
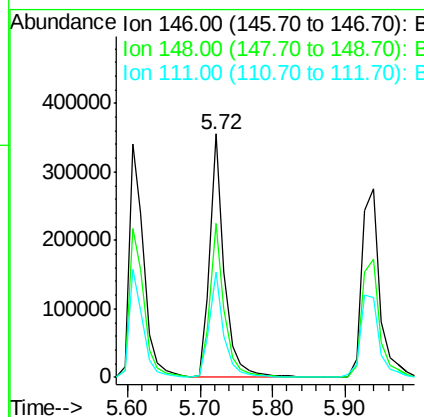
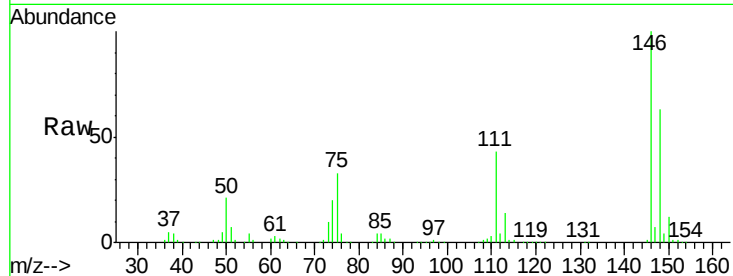
#13
 1,4-Dichlorobenzene
 Concen: 42.31 ng
 RT: 5.72 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	43.0	36.1	54.1

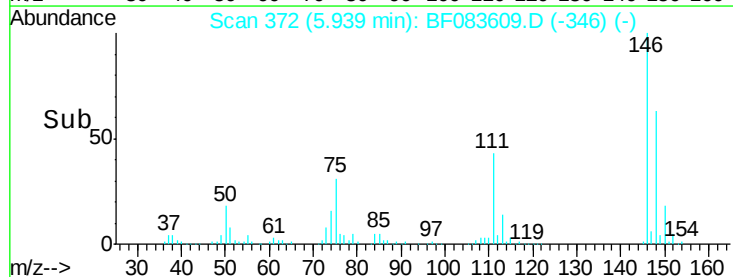
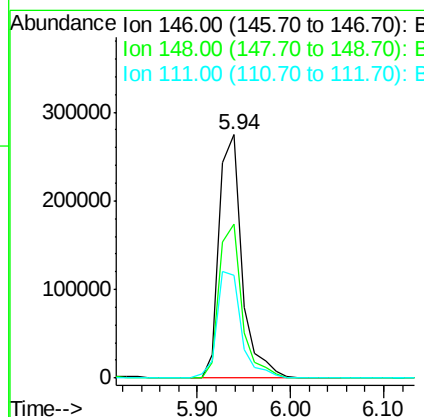
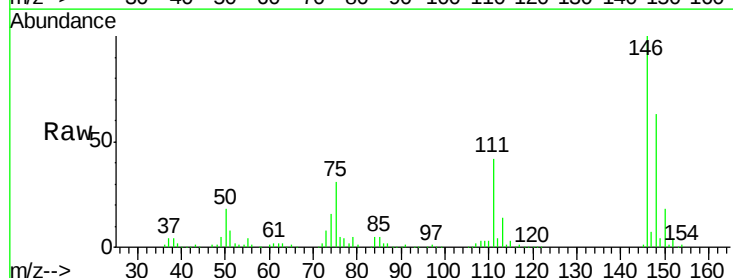
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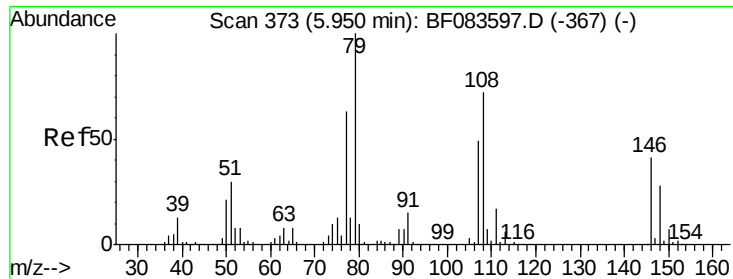
Mmdadoda
 12/9/2015 6:13:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.24 ng
 RT: 5.94 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	42.3	36.7	55.1





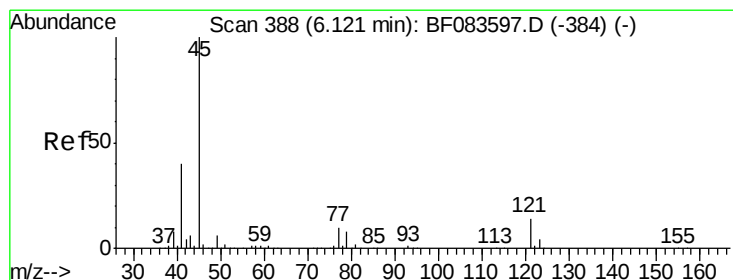
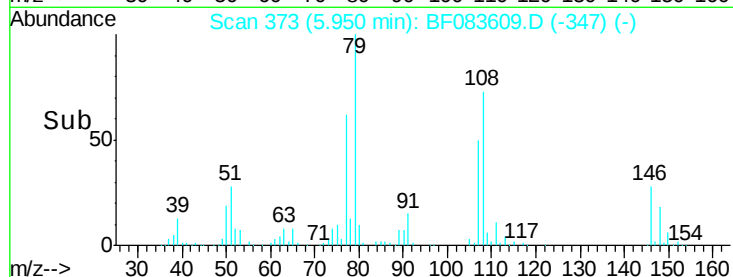
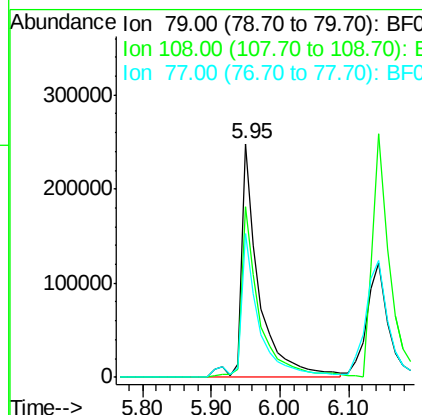
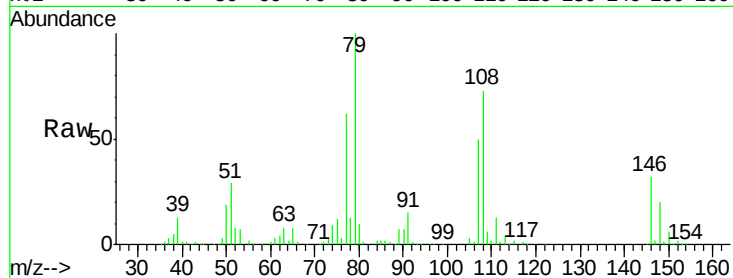
#15
Benzyl Alcohol
Concen: 50.27 ng
RT: 5.95 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	59.6	89.4
77	61.9	49.8	74.6

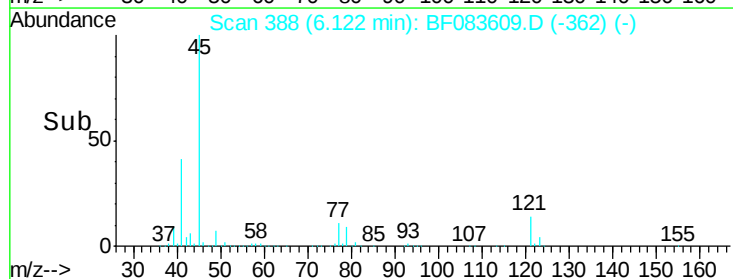
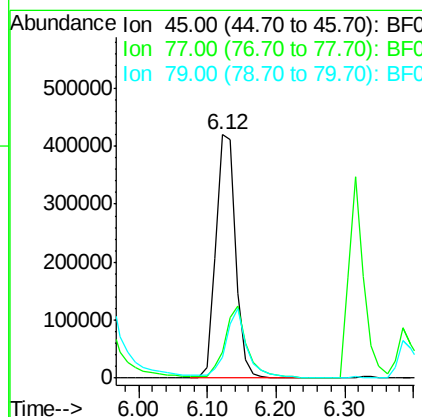
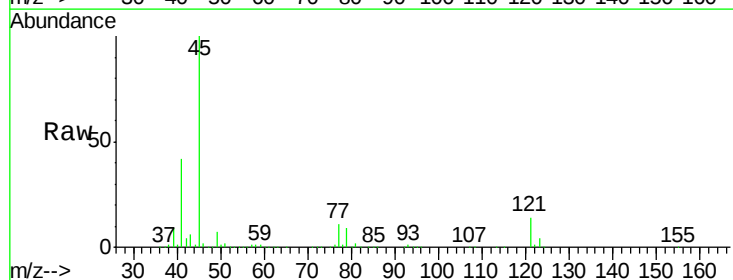
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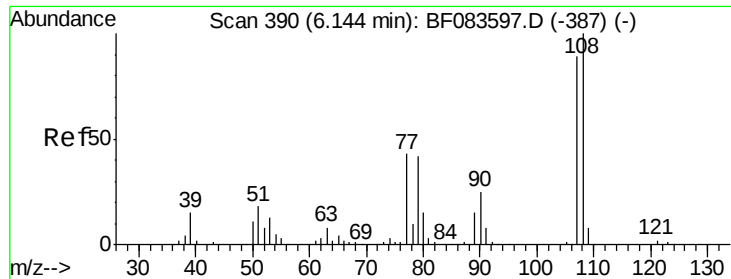
Mmdadoda
12/9/2015 6:13:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.88 ng
RT: 6.12 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	12.8	52.8#
79	8.7	10.7	50.7#





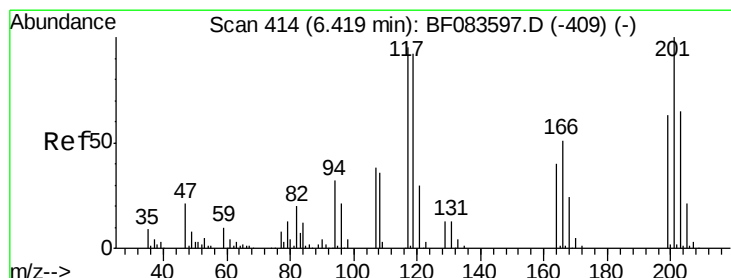
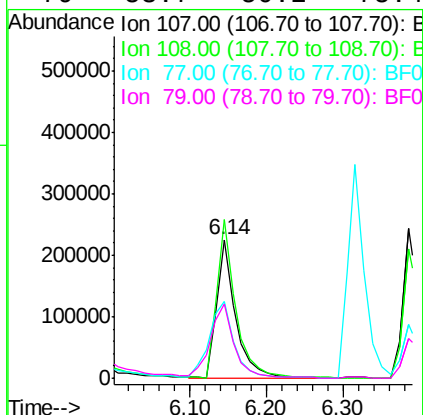
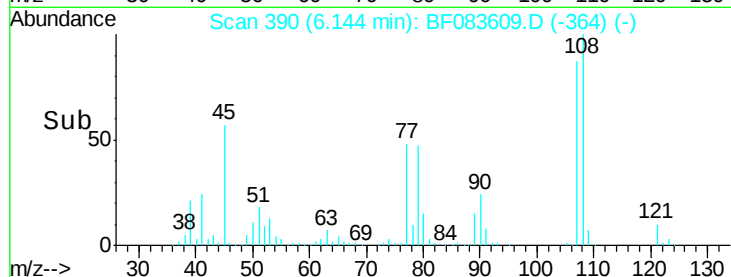
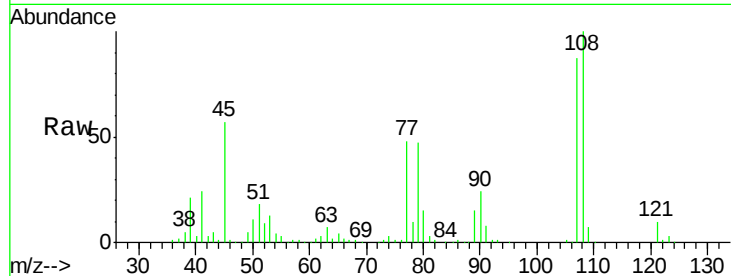
#17
2-Methylphenol
Concen: 46.46 ng
RT: 6.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	107	Resp	383777
Ion Ratio	Lower	Upper	
107	100		
108	114.8	91.6	137.4
77	55.2	53.7	80.5
79	53.7	50.2	75.4

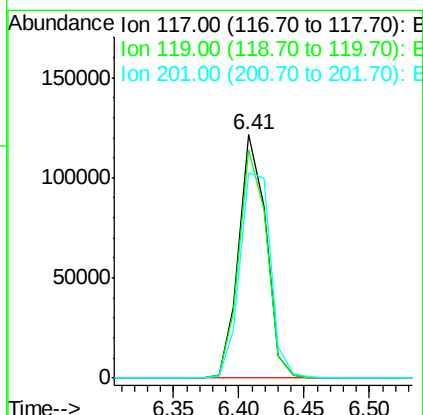
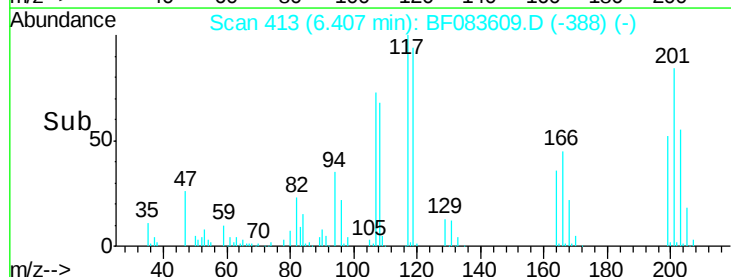
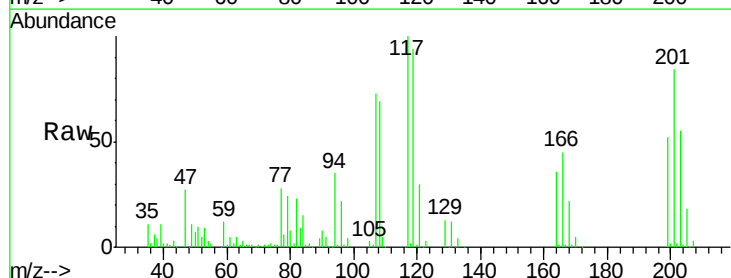
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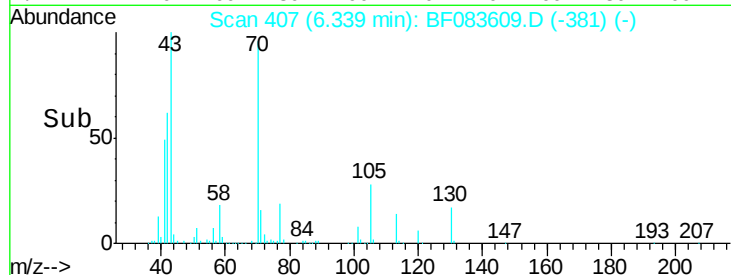
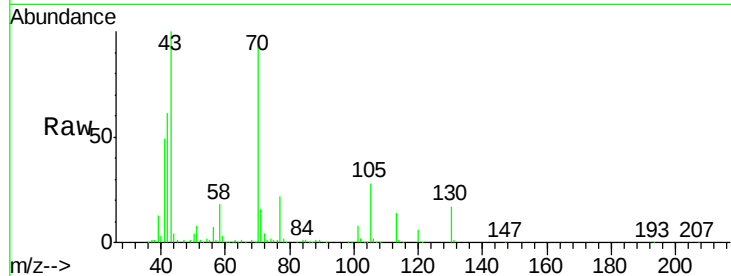
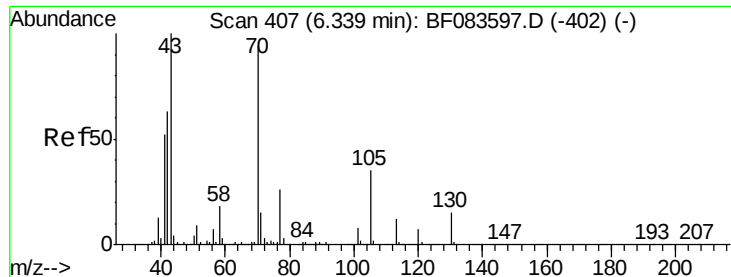
Mmdadoda
12/9/2015 6:13:26 PM



#18
Hexachloroethane
Concen: 42.98 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	117	Resp	176188
Ion Ratio	Lower	Upper	
117	100		
119	93.5	77.2	115.8
201	84.4	86.8	130.2#





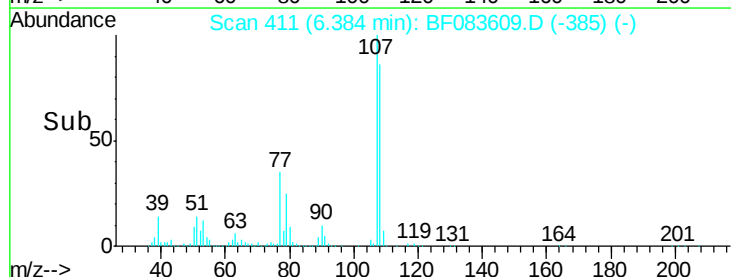
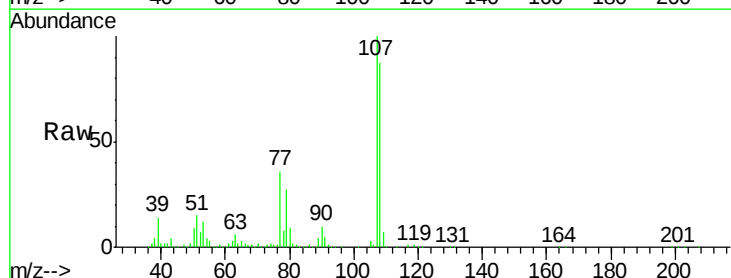
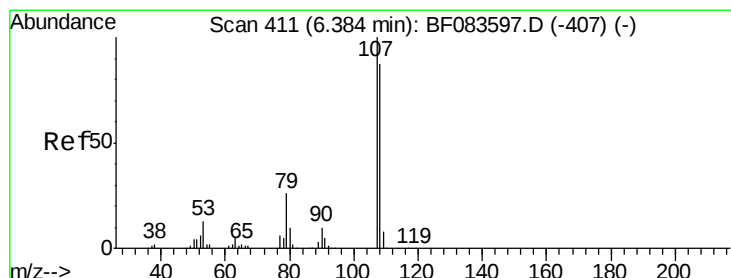
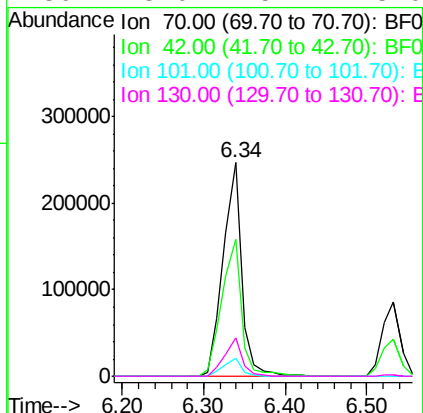
#19
n-Nitroso-di-n-propylamine
Concen: 45.19 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Manual Integrations
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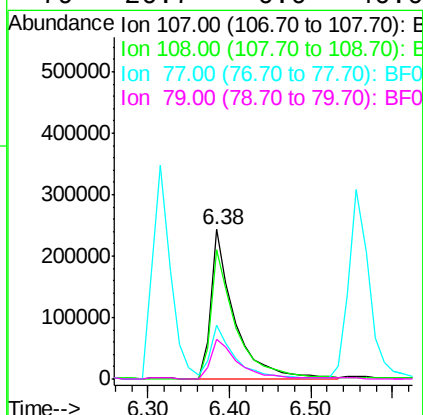
Mmdadoda
12/9/2015 6:13:26 PM

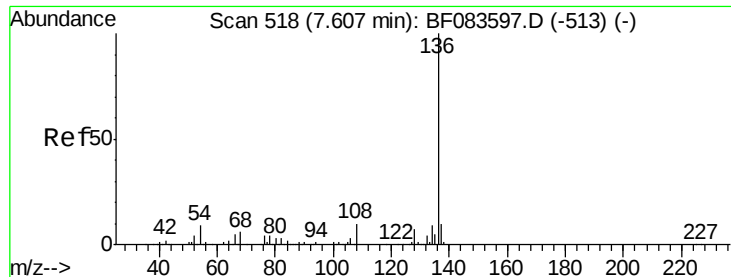
Tot Ion	Ion	Ratio	Lower	Upper
391225	70	100		
	42	64.1	49.2	73.8
	101	8.5	7.1	10.7
	130	18.0	15.4	23.0



#20
3+4-Methylphenols
Concen: 44.84 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ion	Ratio	Lower	Upper
487676	107	100		
	108	86.5	65.2	105.2
	77	35.6	15.2	55.2
	79	26.7	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

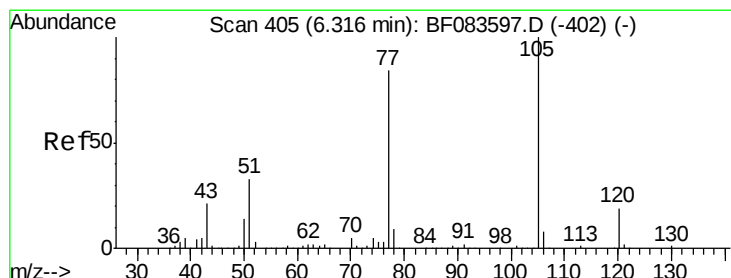
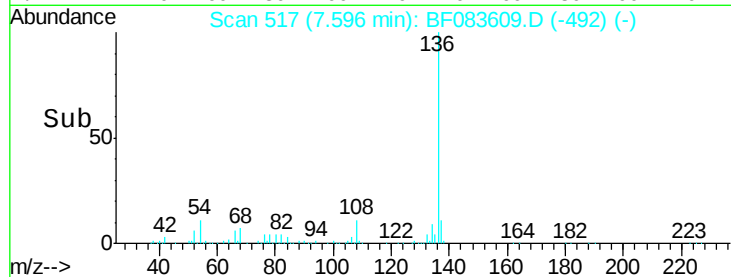
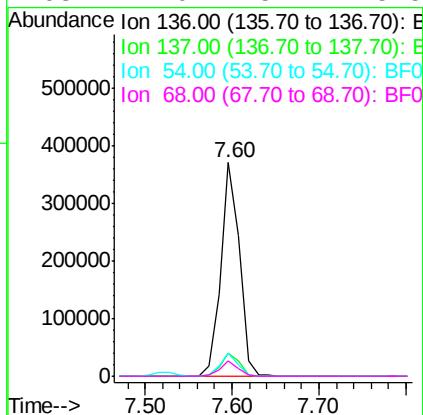
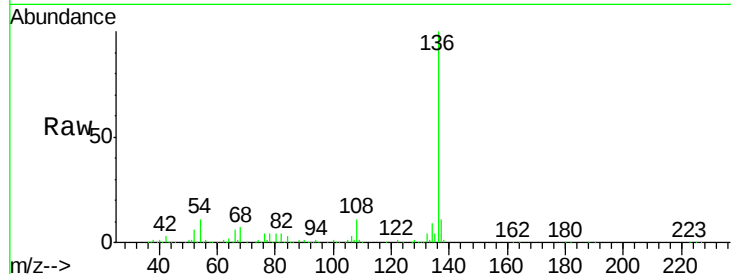
ClientSampleId :

PB87105BS

Manual Integrations
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12/9/2015 6:13:26 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.7	13.1		
54	10.8	7.8	11.6		
68	7.0	5.7	8.5		



#22

Acetophenone

Concen: 41.03 ng

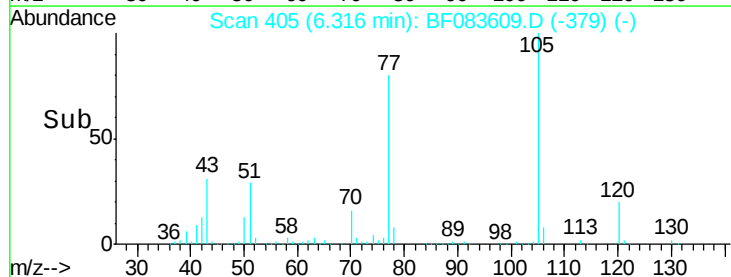
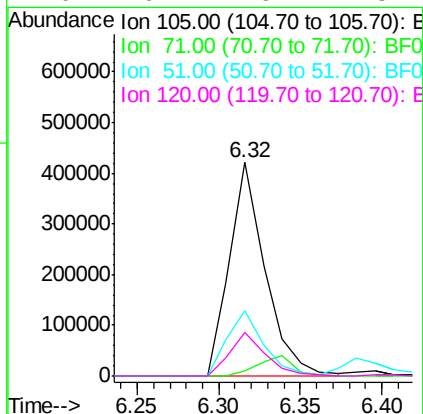
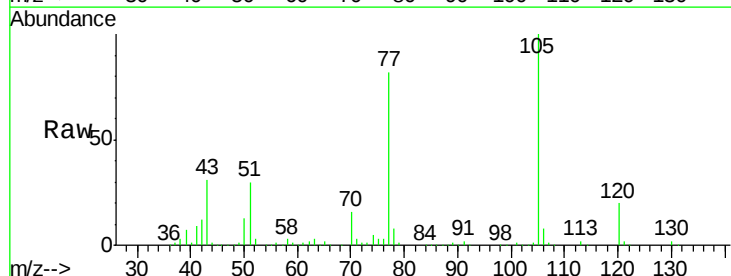
RT: 6.32 min Scan# 405

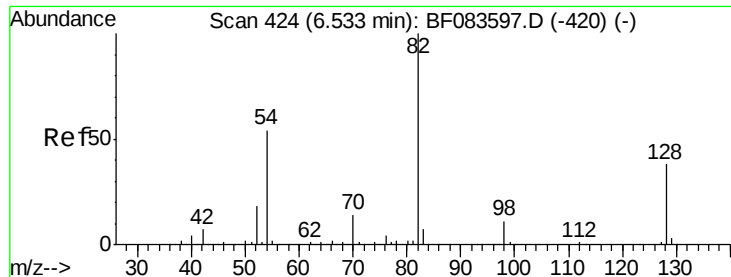
Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.6	1.3	1.9#		
51	30.3	23.8	35.8		
120	20.4	16.7	25.1		





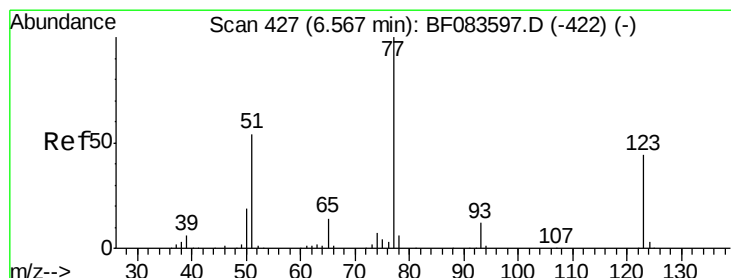
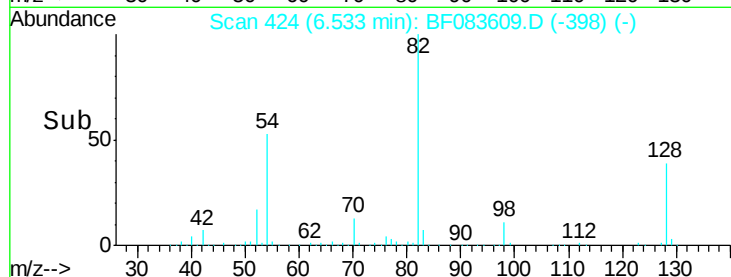
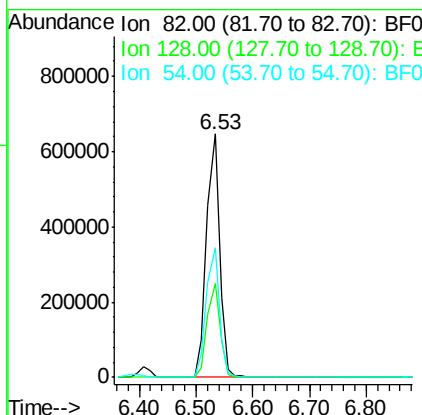
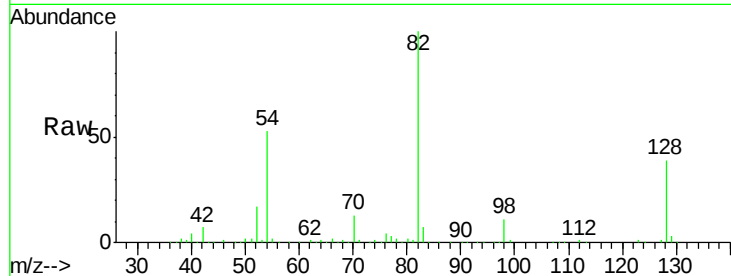
#23
Nitrobenzene-d5
Concen: 84.16 ng
RT: 6.53 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	82	Resp	1001608
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.7	46.1
54	53.1	42.5	63.7

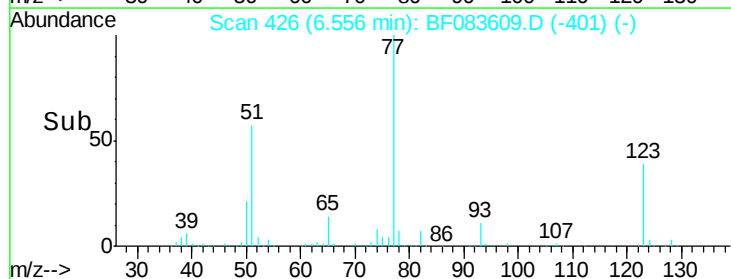
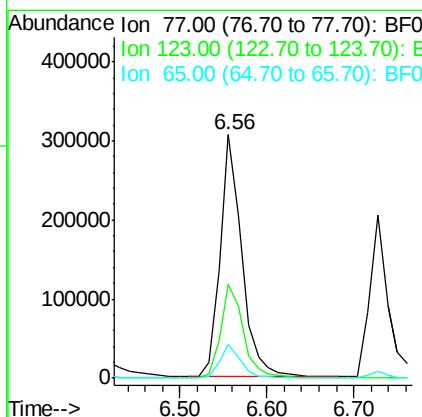
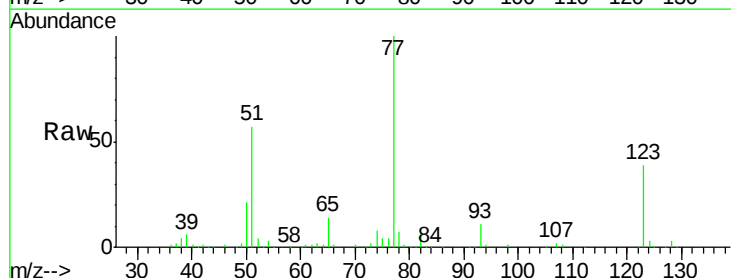
Manual Integrations
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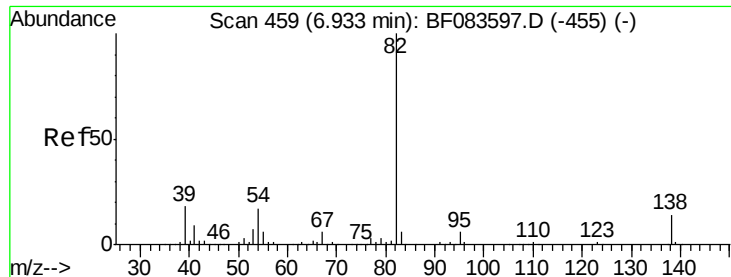
Mmdadoda
12/9/2015 6:13:26 PM



#24
Nitrobenzene
Concen: 40.51 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	77	Resp	532913
Ion Ratio	Lower	Upper	
77	100		
123	38.8	29.8	44.6
65	13.8	11.1	16.7





#25

Isophorone

Concen: 42.48 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

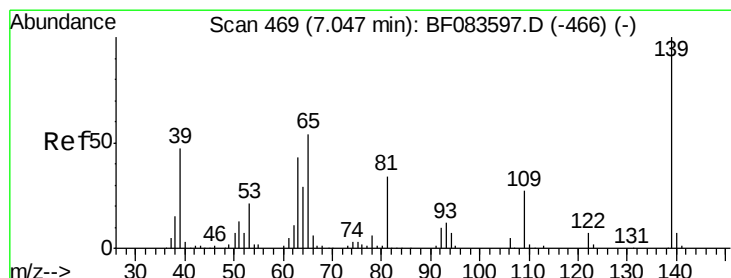
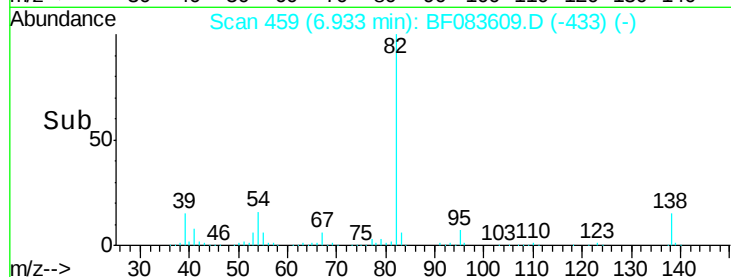
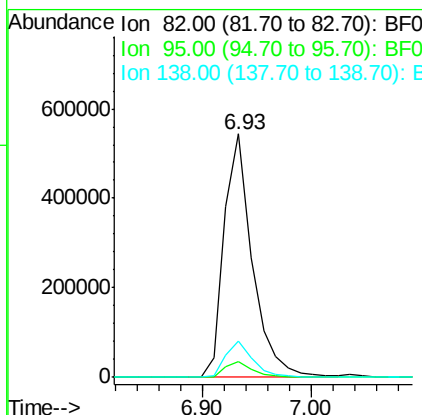
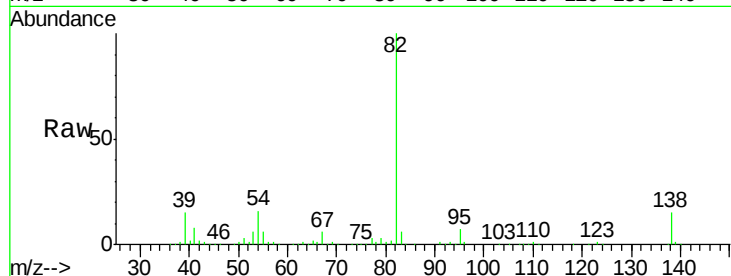
ClientSampleId :

PB87105BS

Tot Ion:	82	Resp:	981072
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.0	7.4
138	14.7	12.1	18.1

Manual Integrations
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Mmdadoda
12/9/2015 6:13:26 PM



#26

2-Nitrophenol

Concen: 44.45 ng

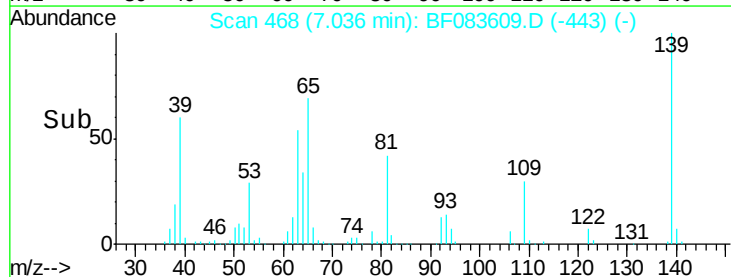
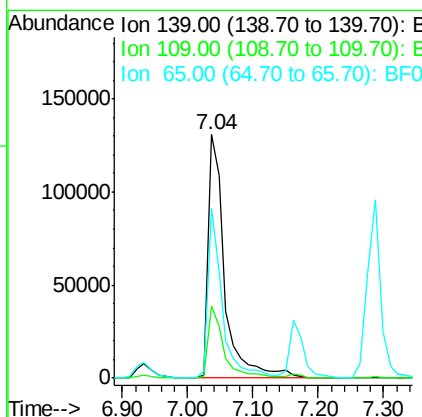
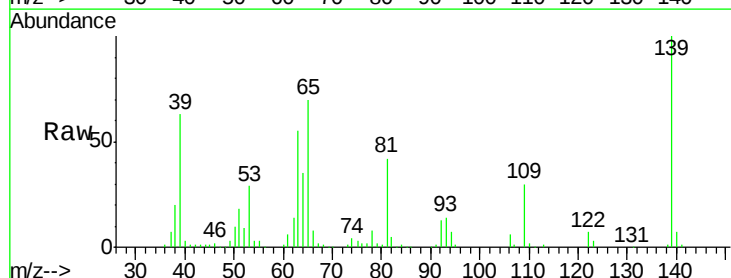
RT: 7.04 min Scan# 468

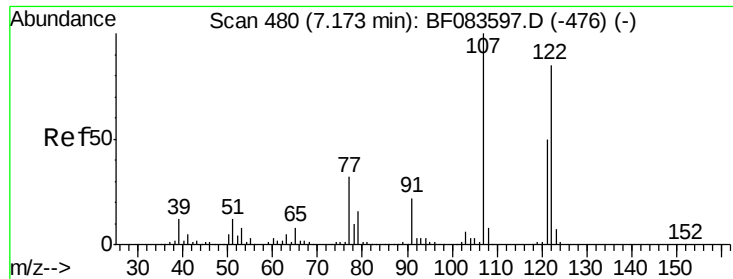
Delta R.T. -0.01 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	139	Resp:	232197
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.7	34.1
65	69.5	51.8	77.8





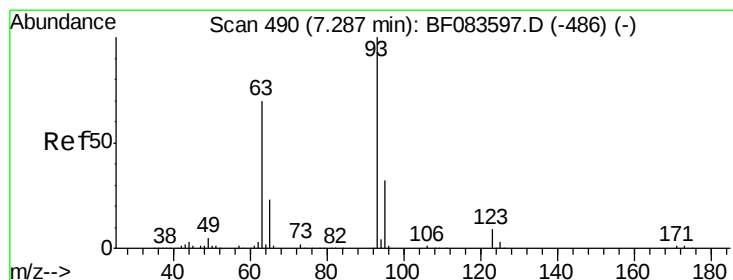
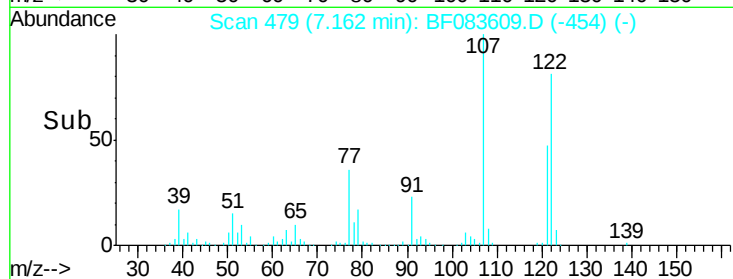
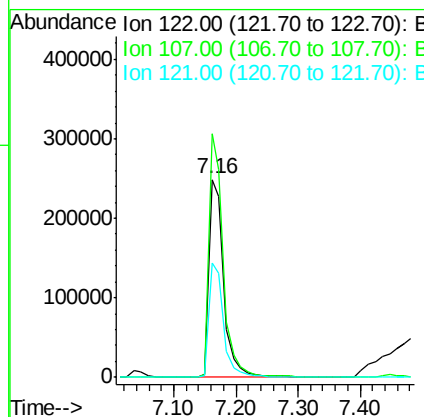
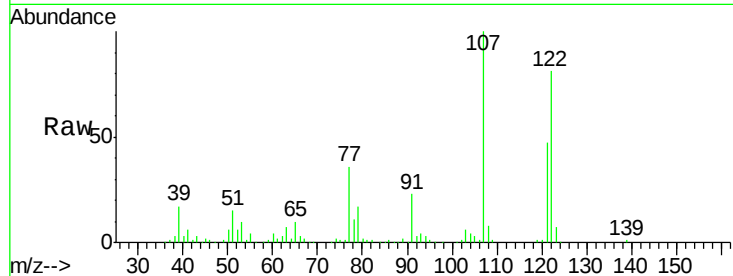
#27
 2,4-Dimethylphenol
 Concen: 44.69 ng
 RT: 7.16 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	408290		
107	122.9	92.4	138.6	
121	58.0	45.8	68.6	

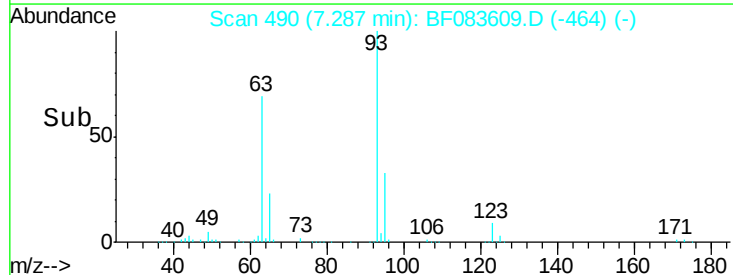
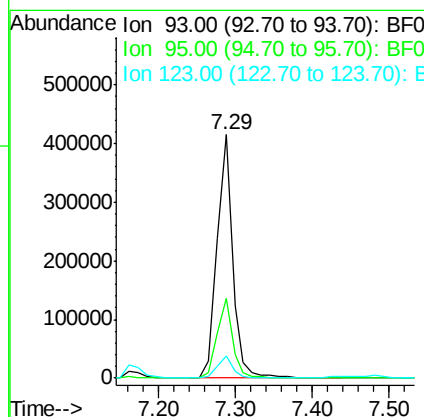
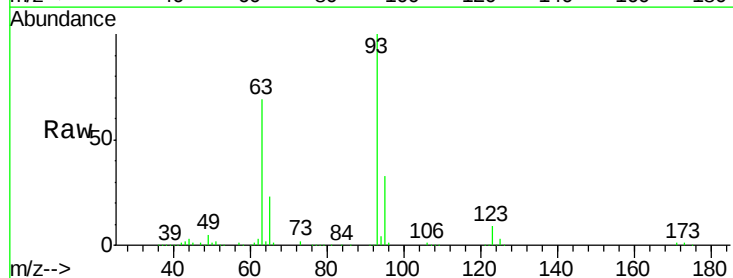
Manual Integrations
 APPROVED

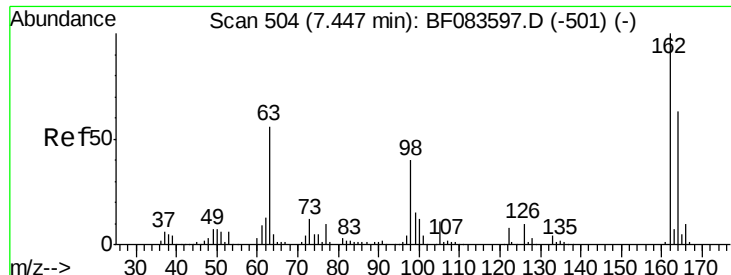
Mmdadoda
 12/9/2015 6:13:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.15 ng
 RT: 7.29 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	591847		
95	32.9	25.6	38.4	
123	9.4	7.3	10.9	





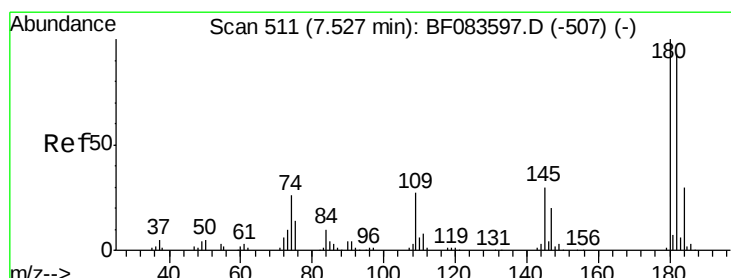
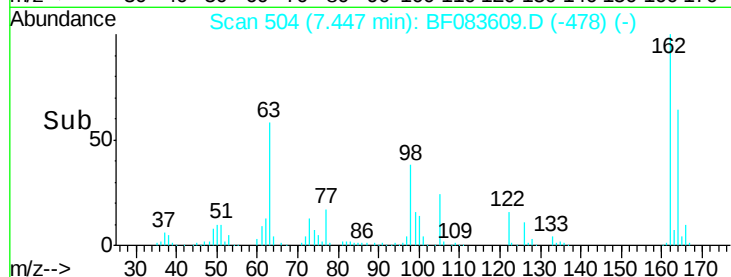
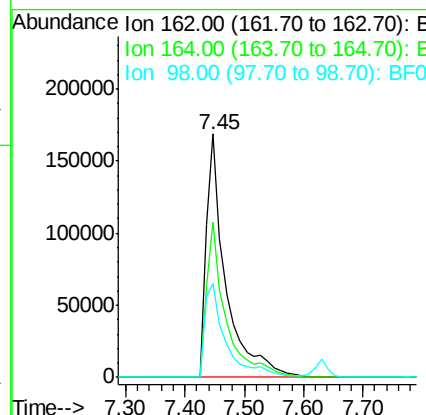
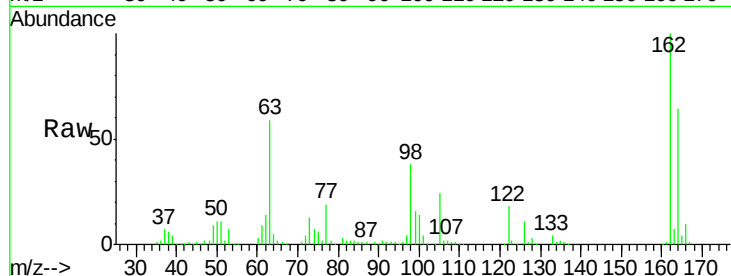
#29
 2,4-Dichlorophenol
 Concen: 46.87 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion:	162	Resp:	389436
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.4	83.4
98	38.3	17.5	57.5

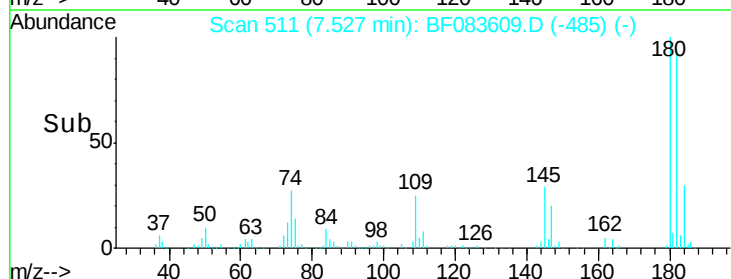
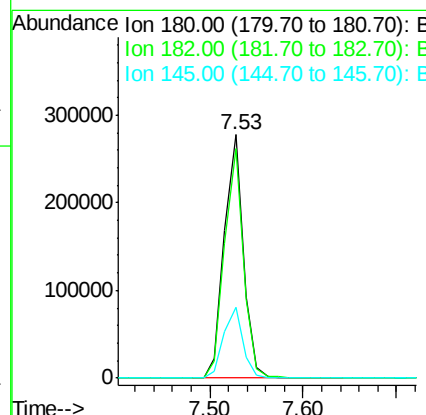
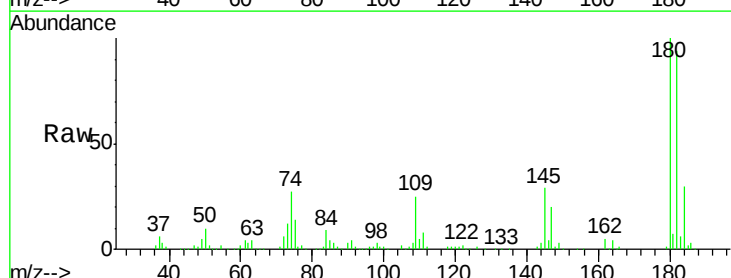
Manual Integrations
 APPROVED

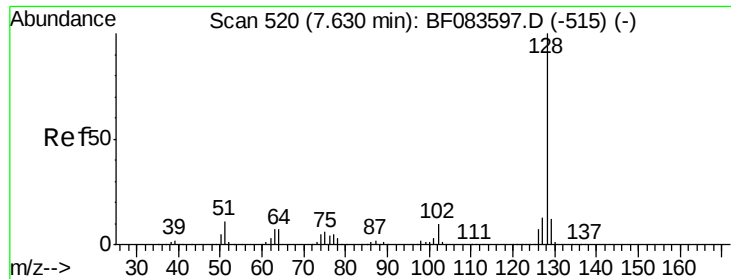
Mmdadoda
 12/9/2015 6:13:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.20 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion:	180	Resp:	396505
Ion Ratio	Lower	Upper	
180	100		
182	94.2	74.9	112.3
145	28.9	24.7	37.1





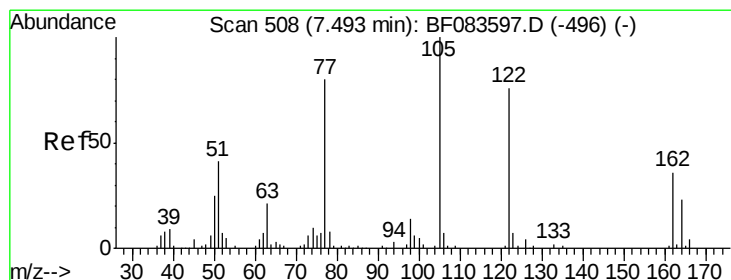
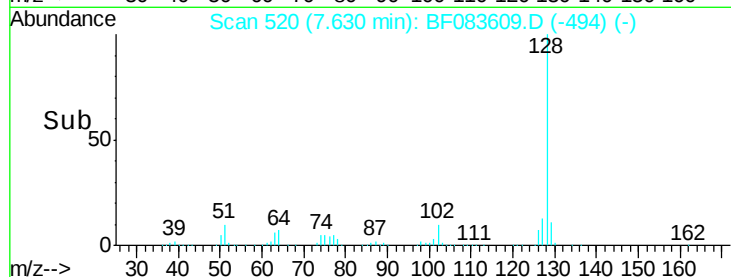
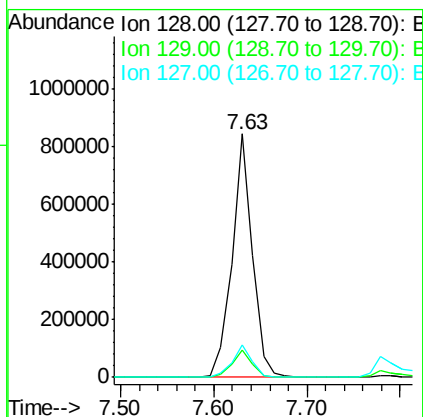
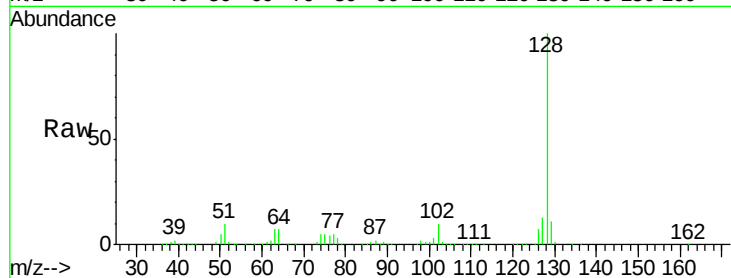
#31
Naphthalene
Concen: 43.65 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion:128 Resp: 1283921
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.6 16.0

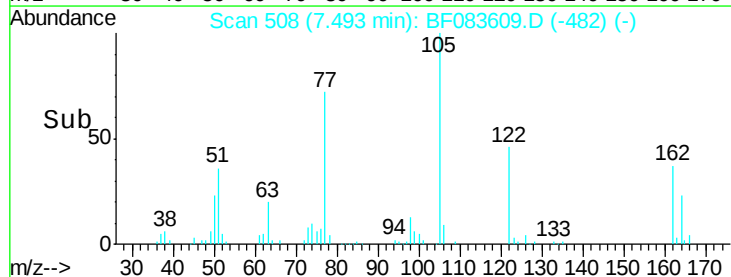
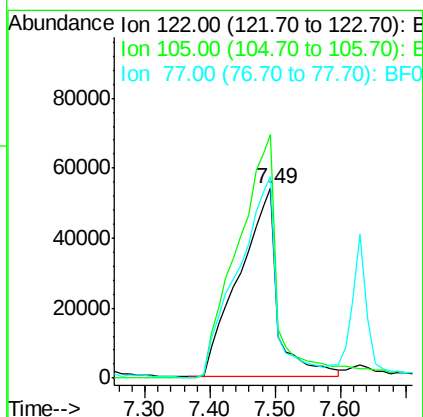
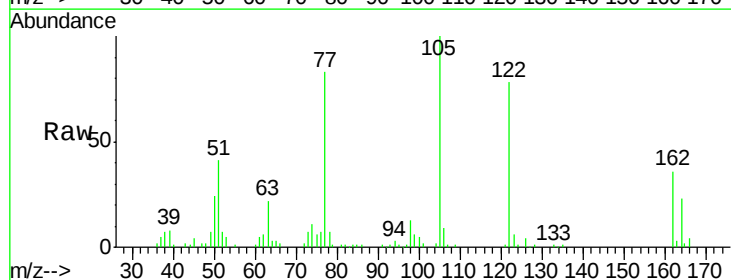
Manual Integrations
APPROVED

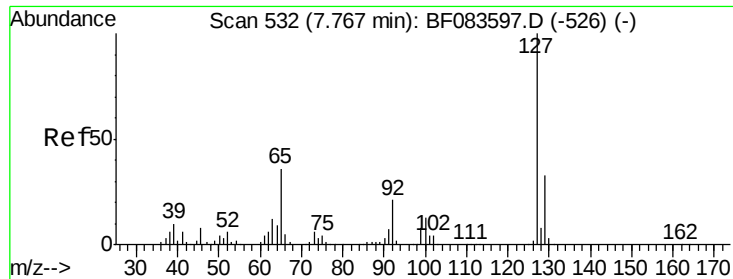
Mmdadoda
12/9/2015 6:13:26 PM



#32
Benzoic acid
Concen: 38.81 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion:122 Resp: 223652
Ion Ratio Lower Upper
122 100
105 128.5 105.6 145.6
77 106.5 86.8 126.8





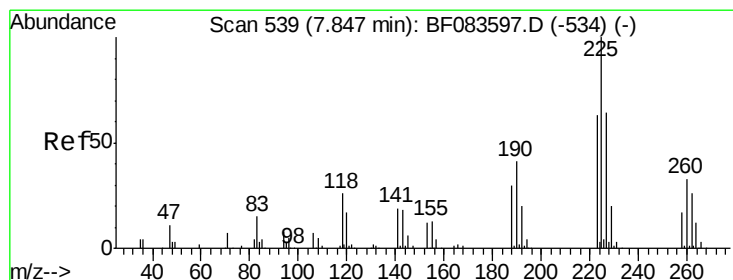
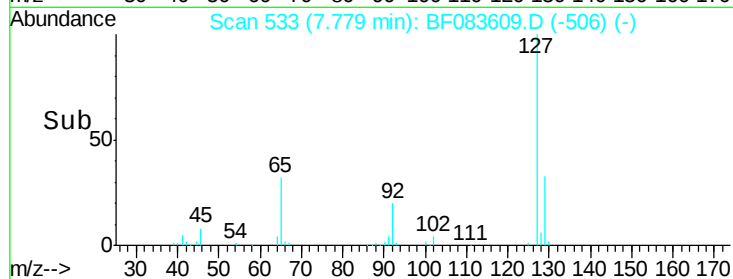
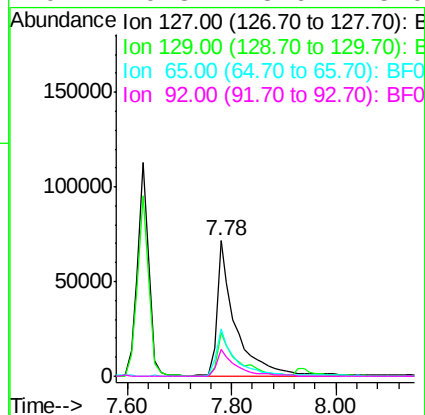
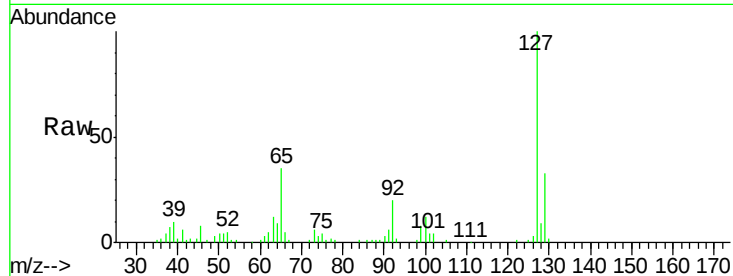
#33
4-Chloroaniline
Concen: 16.59 ng
RT: 7.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		177886		
129	32.6	26.1	39.1		
65	35.0	33.5	50.3		
92	19.8	18.6	28.0		

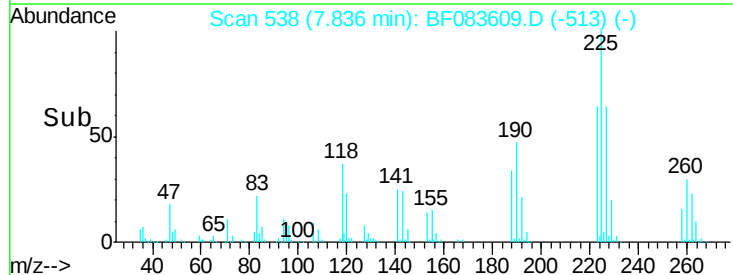
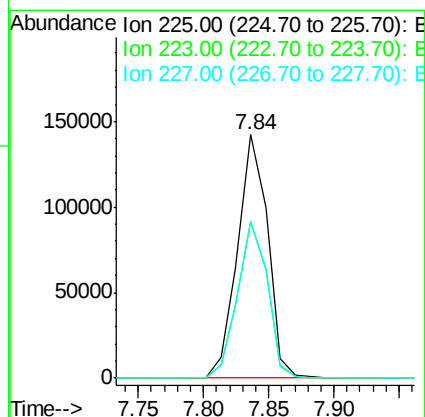
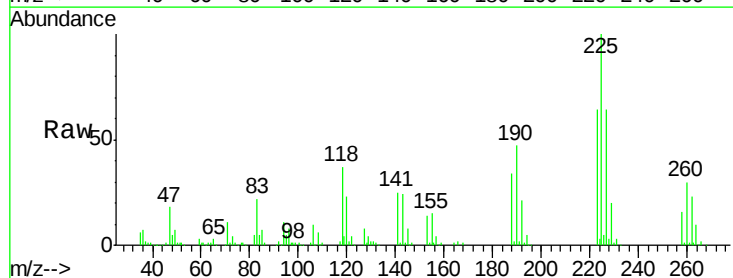
Manual Integrations
APPROVED

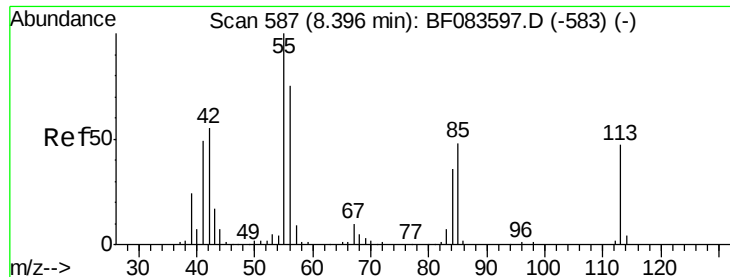
Mmdadoda
12/9/2015 6:13:26 PM



#34
Hexachlorobutadiene
Concen: 42.40 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		227391		
223	64.2	52.3	78.5		
227	64.4	50.4	75.6		





#35

Caprolactam

Concen: 49.05 ng/ml

RT: 8.37 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

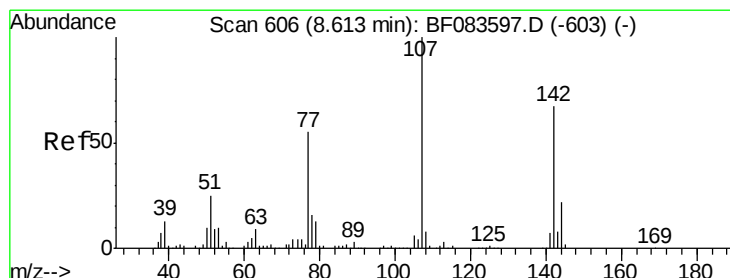
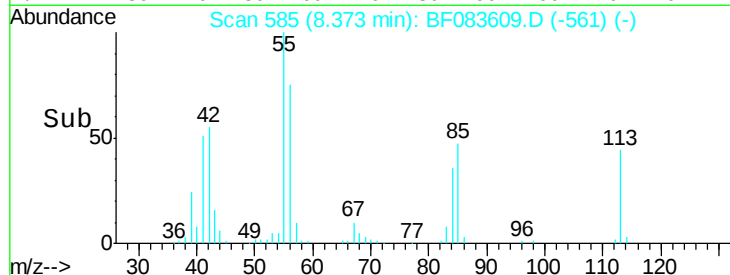
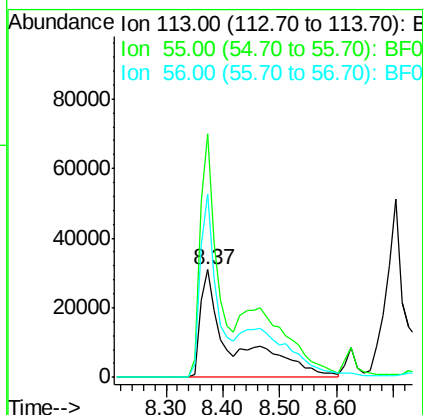
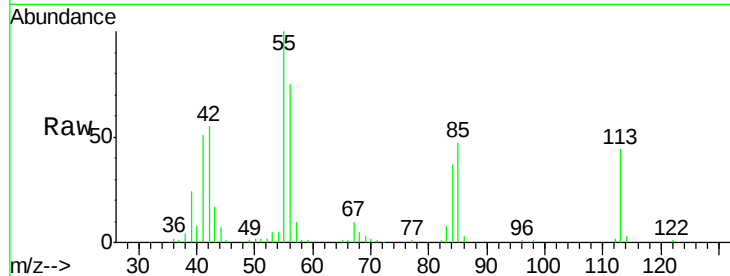
ClientSampleId :

PB87105BS

Tot Ion:	113	Resp:	122336
Ion Ratio	Lower	Upper	
113	100		
55	226.0	189.7	229.7
56	170.4	130.7	170.7

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:26 PM



#36

4-Chloro-3-methylphenol

Concen: 45.22 ng/ml

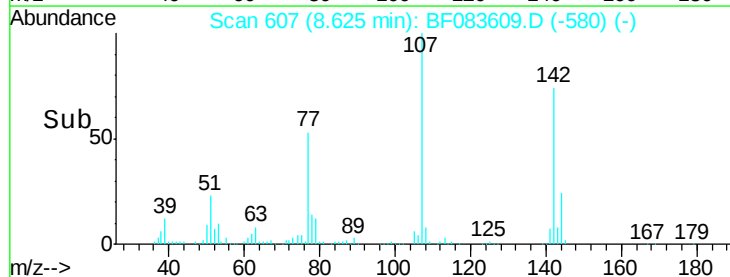
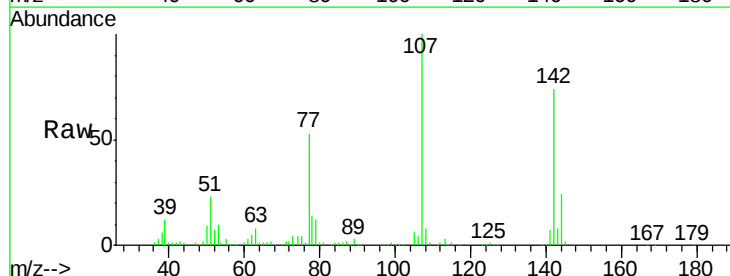
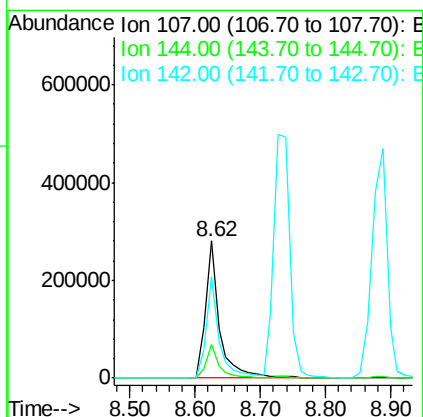
RT: 8.62 min Scan# 607

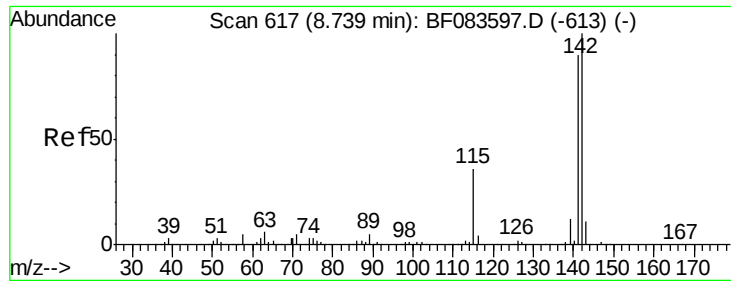
Delta R.T. 0.01 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	107	Resp:	422118
Ion Ratio	Lower	Upper	
107	100		
144	24.3	17.5	26.3
142	73.9	53.6	80.4





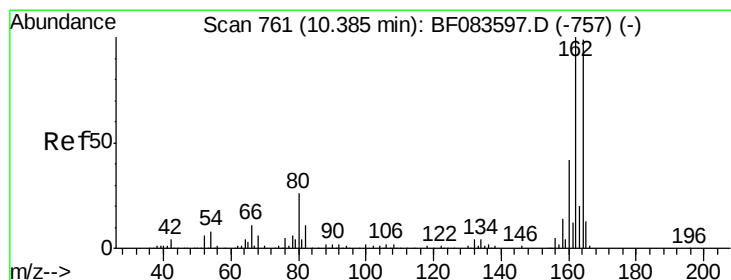
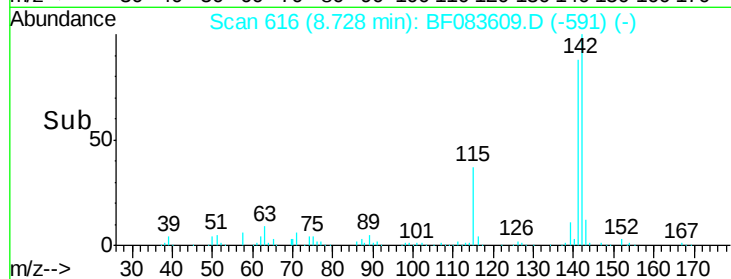
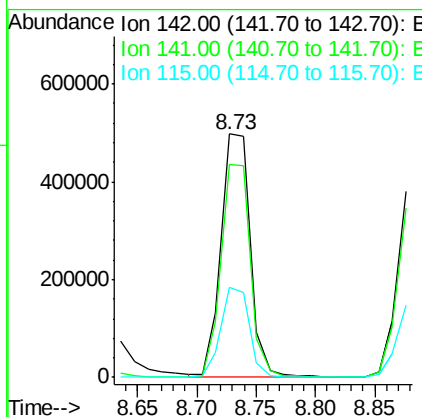
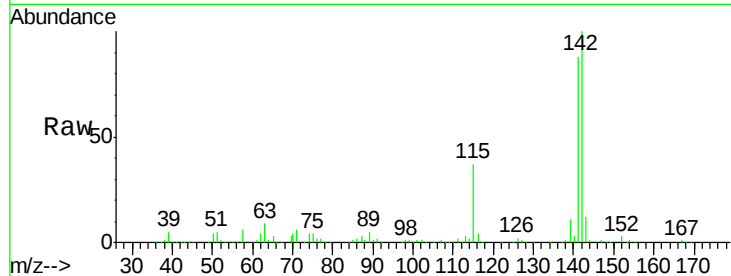
#37
2-Methylnaphthalene
Concen: 46.29 ng
RT: 8.73 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	855151		
141	87.5	70.3	105.5	
115	37.0	29.2	43.8	

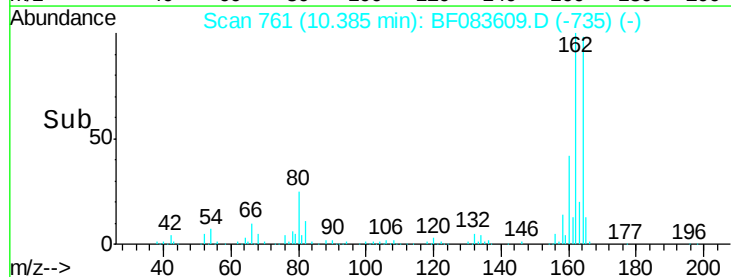
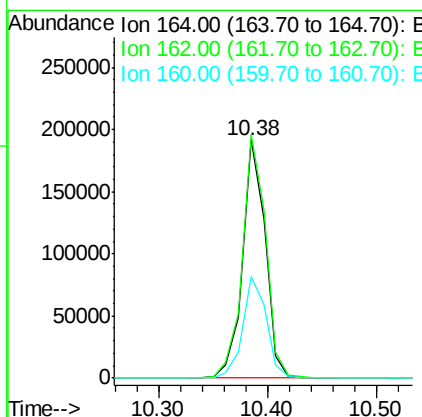
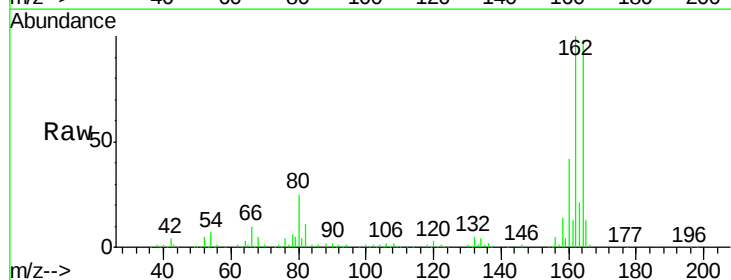
Manual Integrations
APPROVED

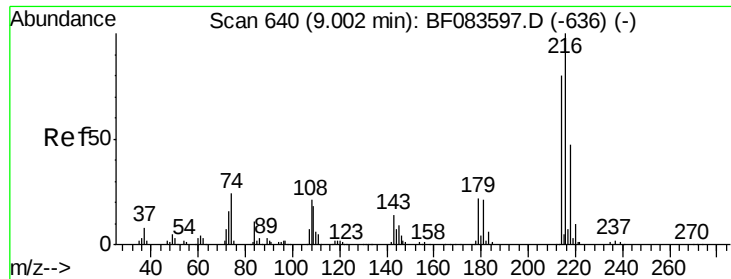
Mmdadoda
12/9/2015 6:13:26 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	274940		
162	102.3	78.8	118.2	
160	42.5	33.4	50.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.26 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

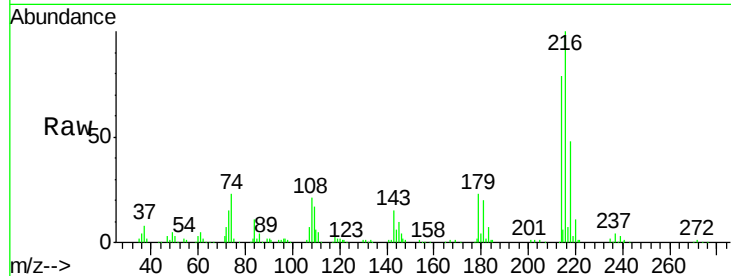
ClientSampleId :

PB87105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		381443		
214	78.8	0.0	0.0#		
179	21.1	0.0	0.0#		
108	20.1	0.0	0.0#		

Manual Integrations
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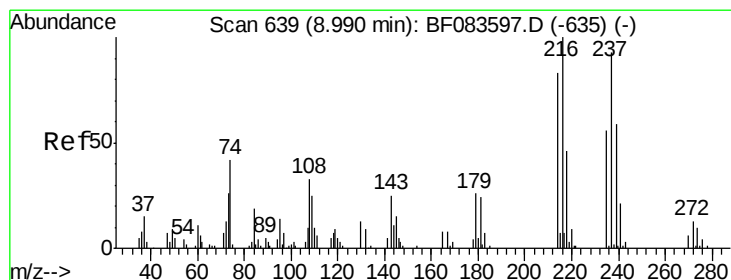
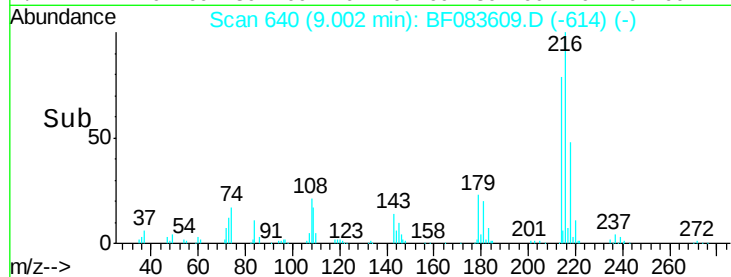
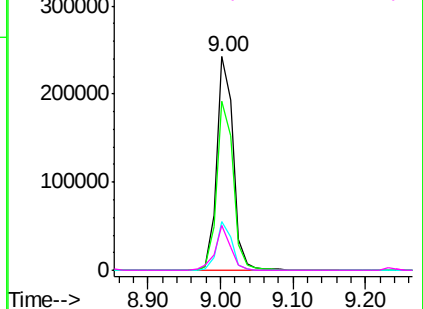


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.04 ng

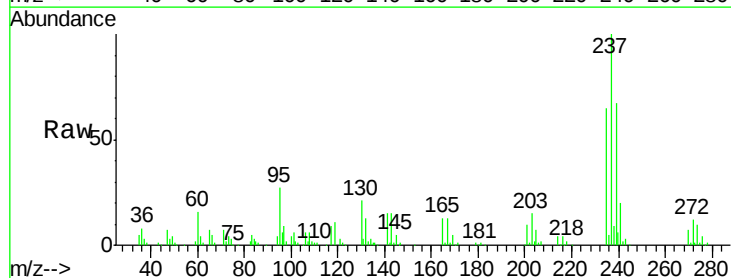
RT: 8.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

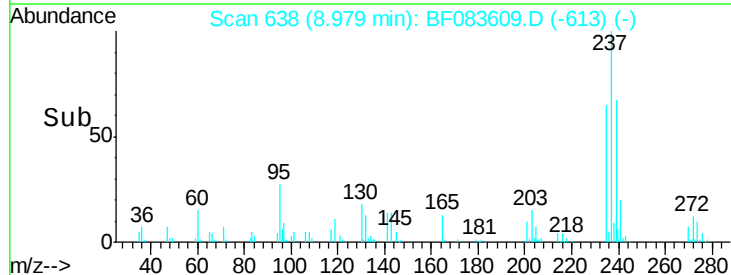
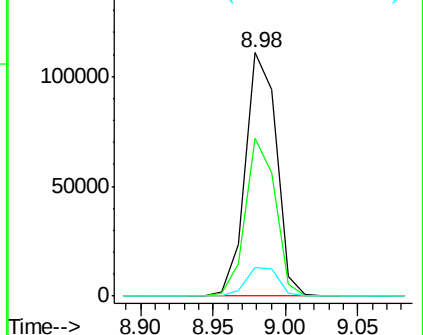
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		164585		
235	65.0	43.9	83.9		
272	11.6	0.0	31.8		

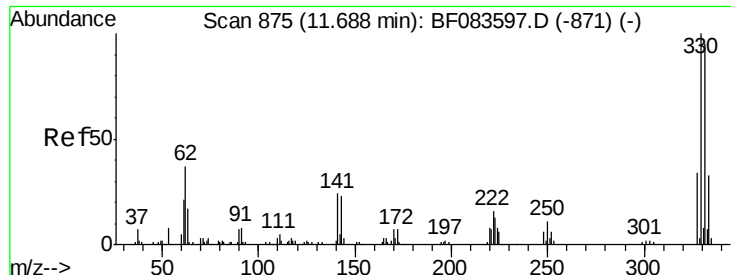


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





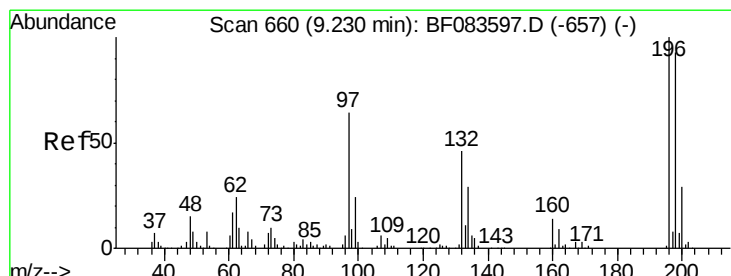
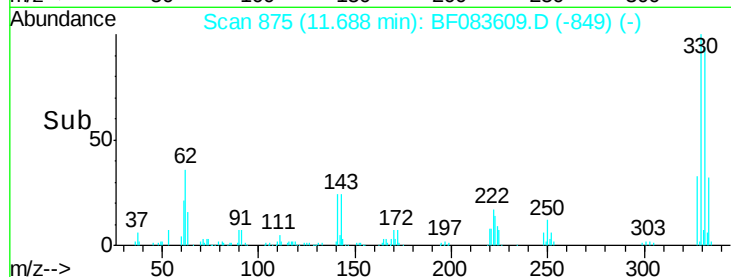
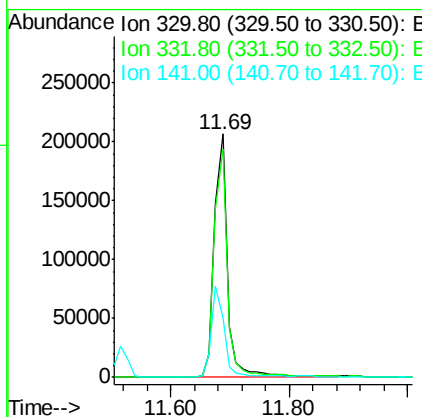
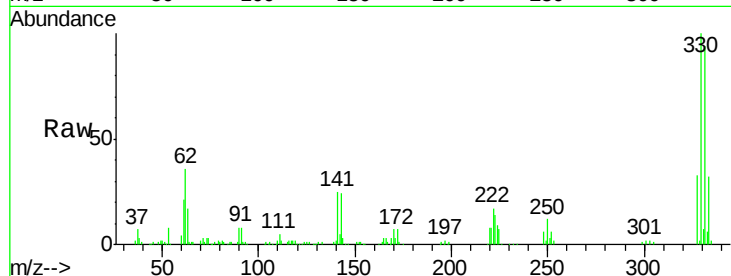
#41
 2,4,6-Tribromophenol
 Concen: 130.77 ng
 RT: 11.69 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	37.0	0.0	0.0#

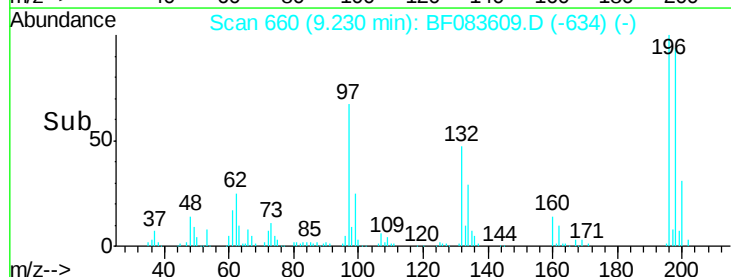
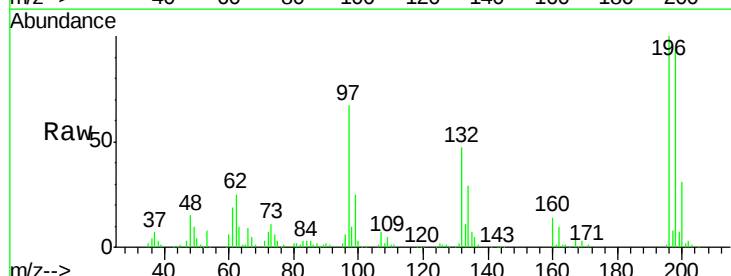
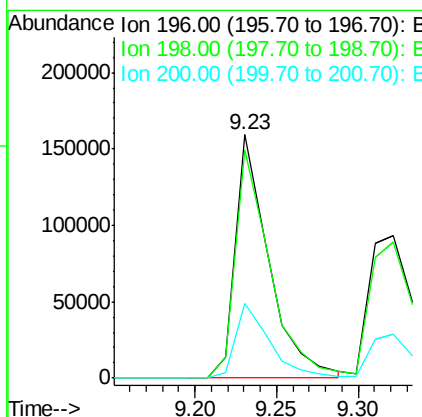
Manual Integrations
 APPROVED

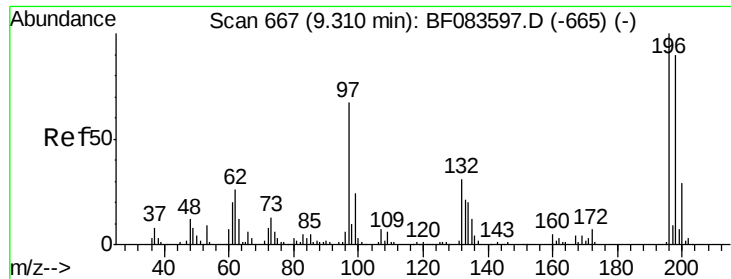
Mmdadoda
 12/9/2015 6:13:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.7	75.2	112.8
200	30.6	23.0	34.6





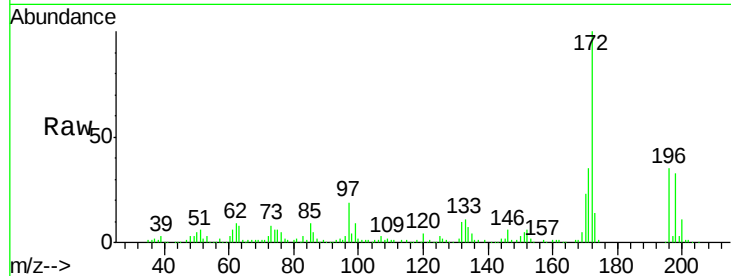
#43
2,4,5-Trichlorophenol
Concen: 45.89 ng
RT: 9.32 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

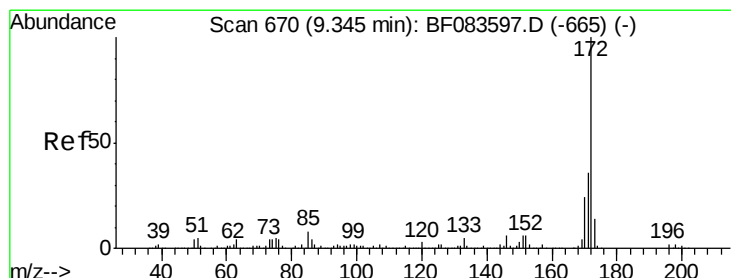
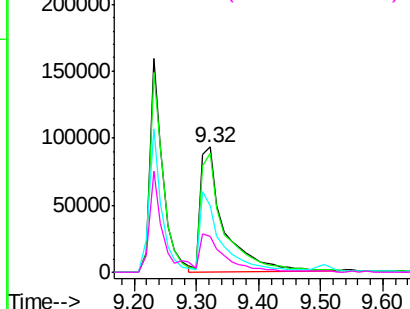
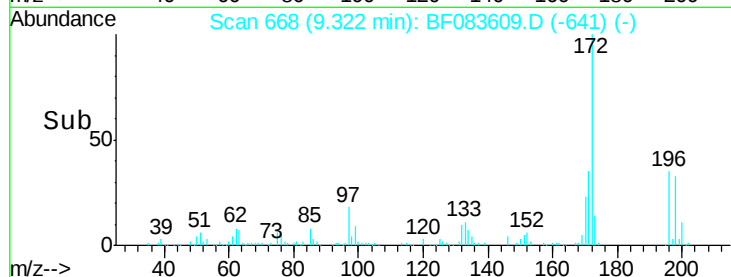
Tot Ion:	196	Resp:	244001
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.7	116.5
97	52.7	41.2	61.8
132	28.9	21.8	32.8

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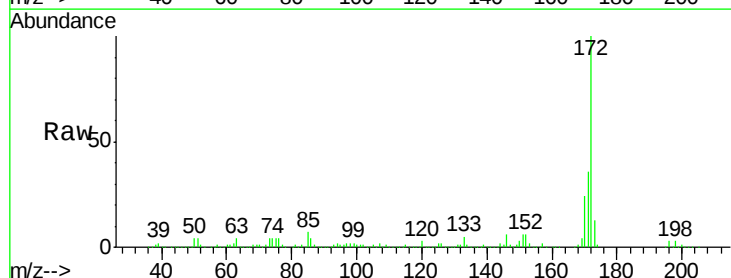


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

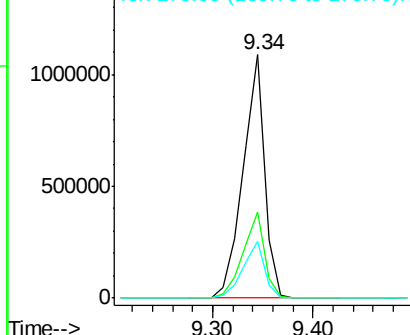
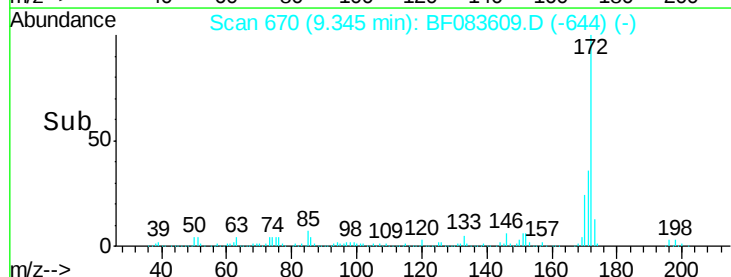


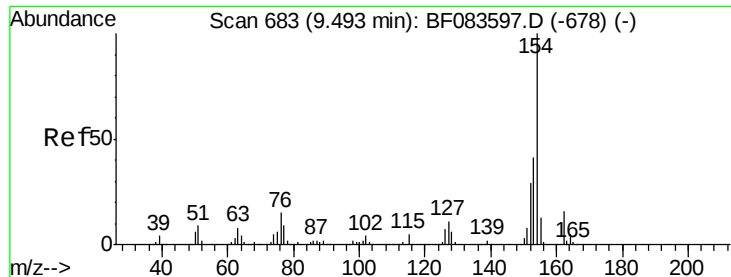
#44
2-Fluorobiphenyl
Concen: 83.23 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion:	172	Resp:	1625909
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	23.5	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.74 ng

RT: 9.49 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

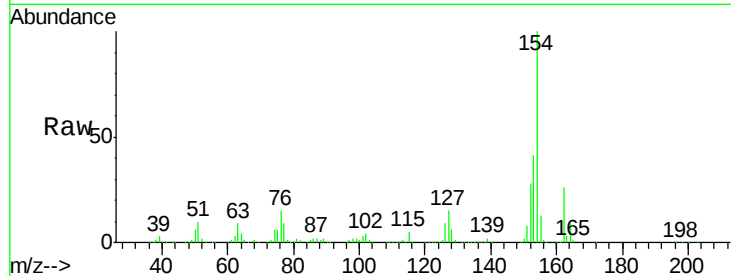
ClientSampleId :

PB87105BS

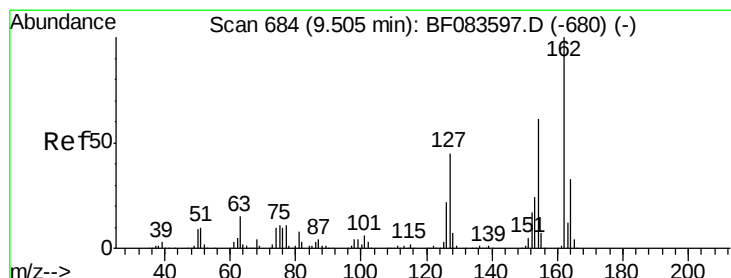
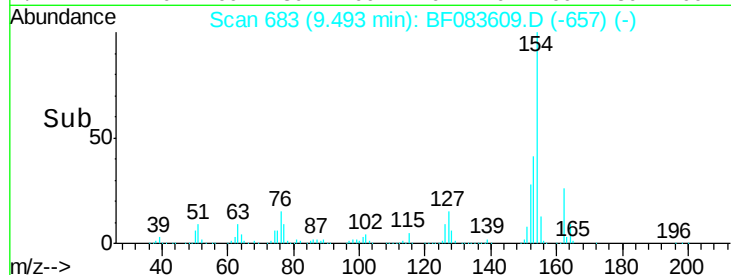
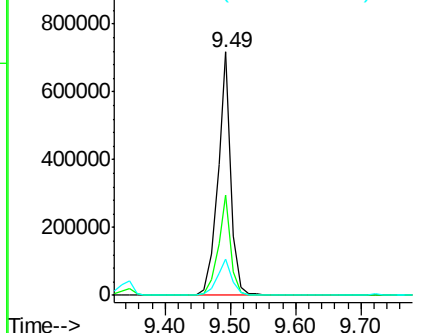
Tot Ion:	154	Resp:	997558
Ion Ratio		Lower	Upper
154	100		
153	40.9	20.2	60.2
76	15.0	0.0	34.8

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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: 43.16 ng

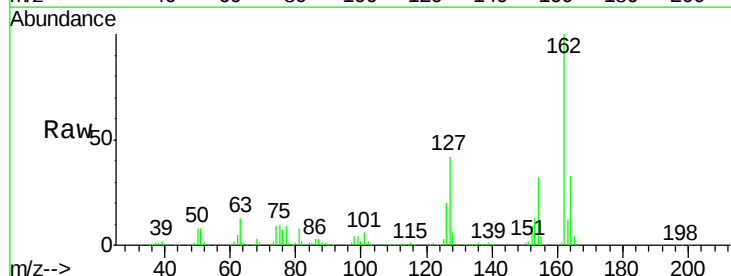
RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

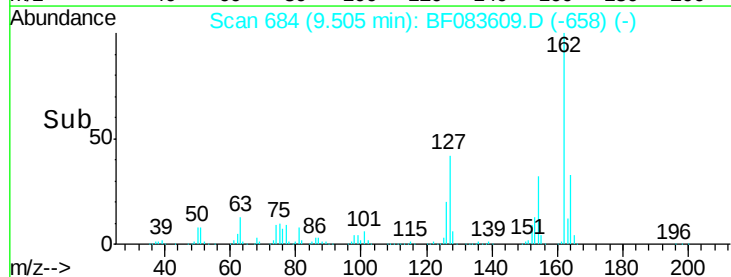
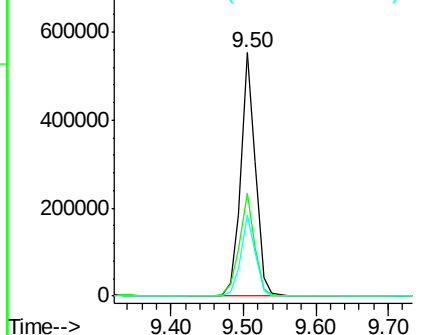
Lab File: BF083609.D

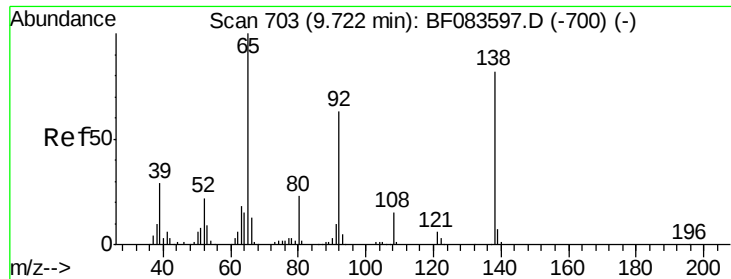
Acq: 8 Dec 2015 22:20

Tgt Ion:	162	Resp:	778725
Ion Ratio		Lower	Upper
162	100		
127	42.4	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





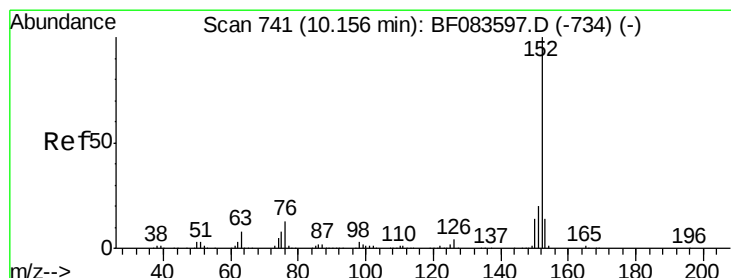
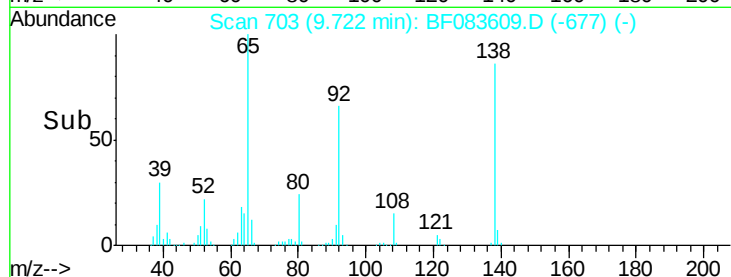
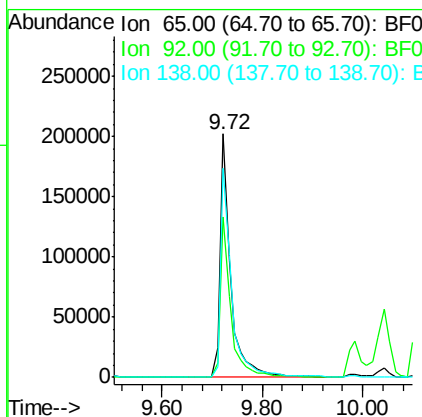
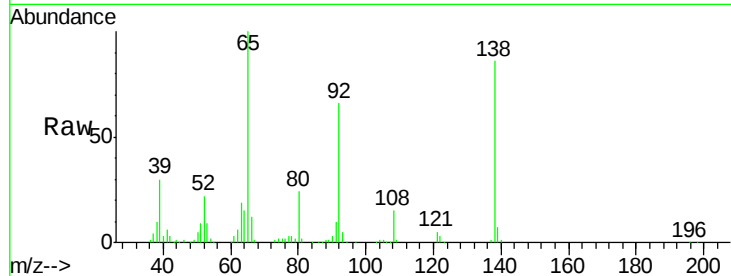
#47
2-Nitroaniline
Concen: 45.85 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	298360		
92	65.8	49.6	74.4	
138	85.7	64.1	96.1	

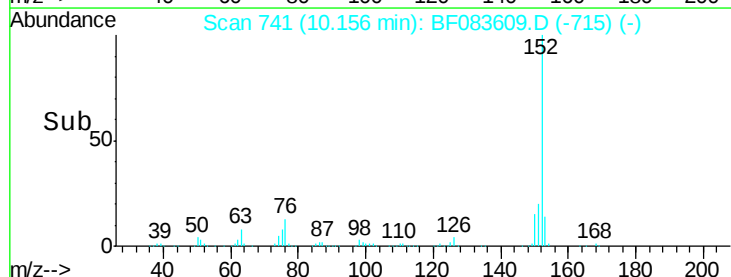
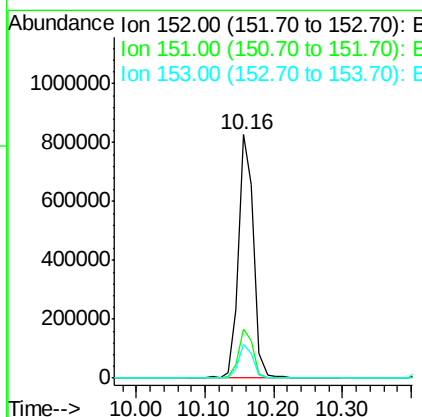
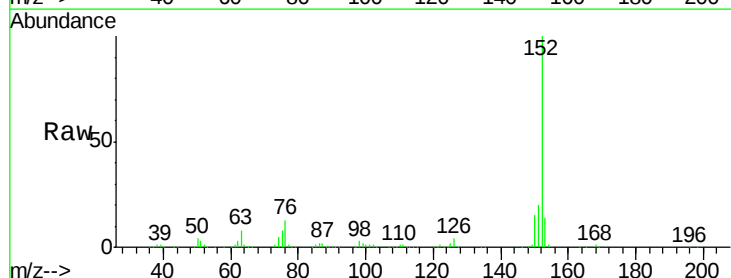
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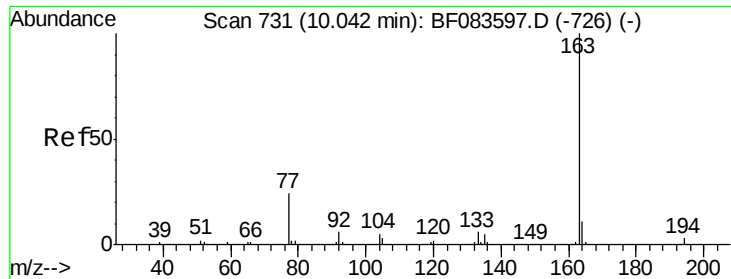
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#48
Acenaphthylene
Concen: 42.84 ng
RT: 10.16 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1274439		
151	20.1	16.3	24.5	
153	13.8	10.8	16.2	





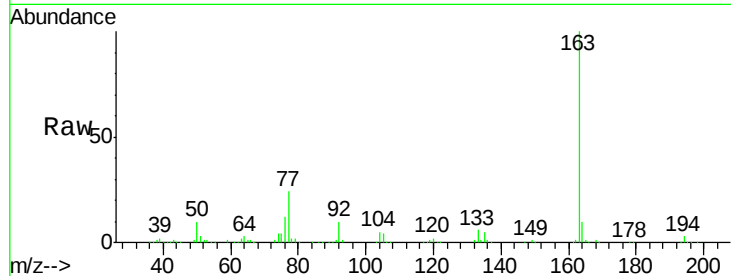
#49
Dimethylphthalate
Concen: 43.81 ng
RT: 10.04 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

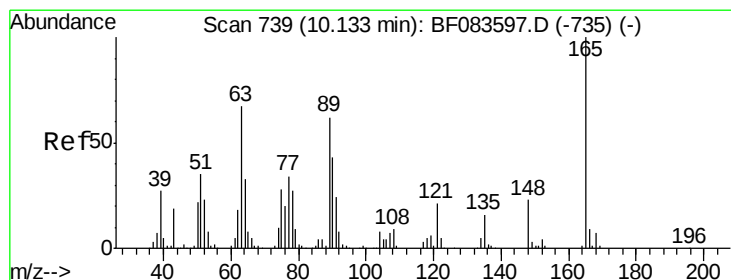
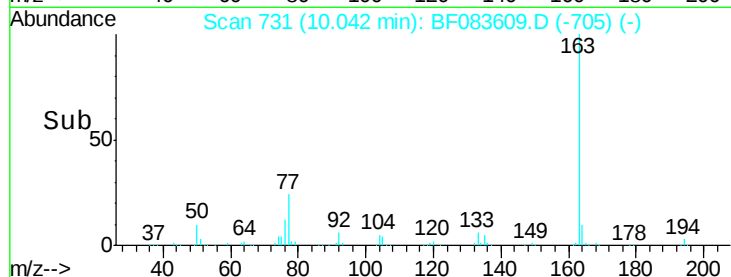
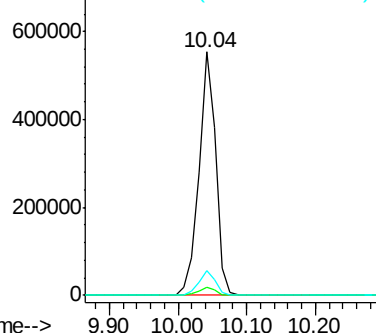
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.8	4.2	
164	10.4	8.6	13.0	

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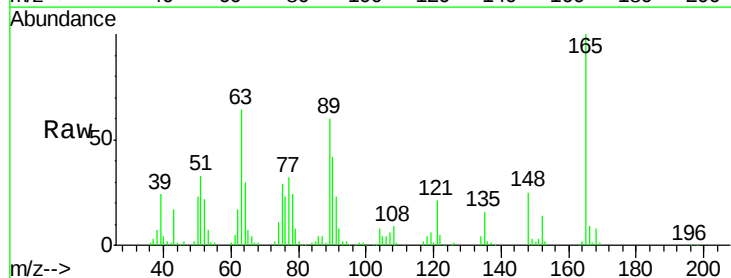


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

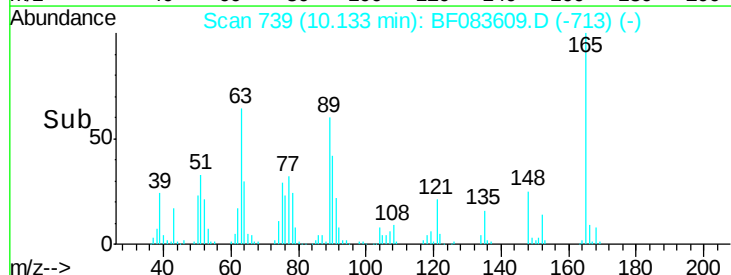
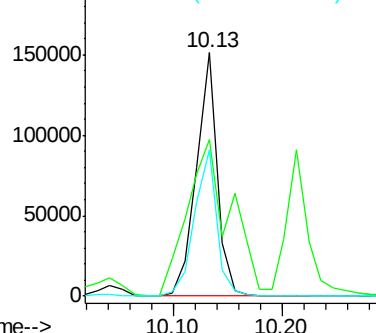


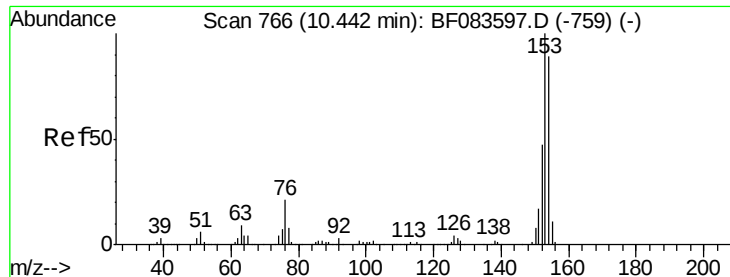
#50
2,6-Dinitrotoluene
Concen: 44.65 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.3	56.9	85.3	
89	59.9	52.1	78.1	



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





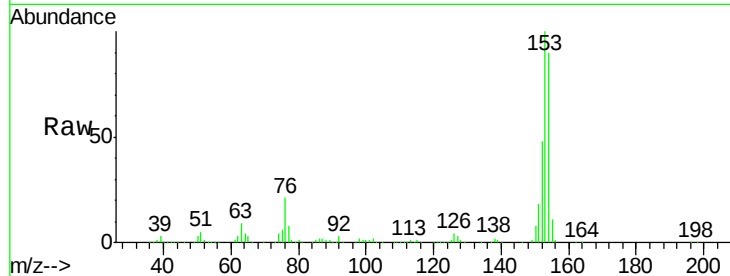
#51
Acenaphthene
Concen: 43.91 ng
RT: 10.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.4	137.0
152	53.6	43.4	65.2

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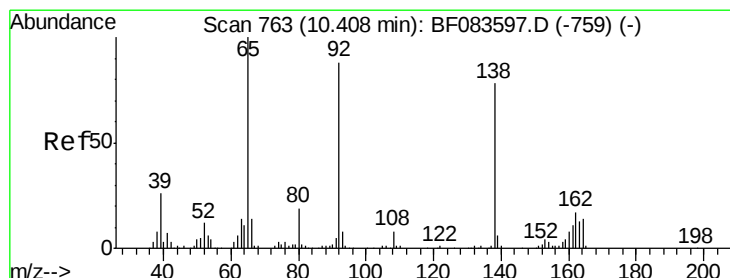
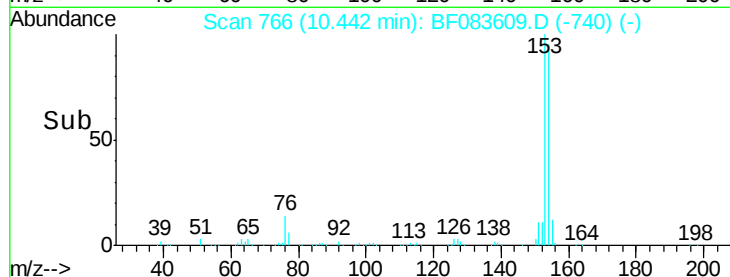
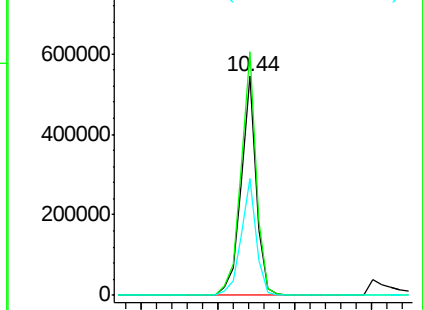


Abundance

Ion 154.00 (153.70 to 154.70): E

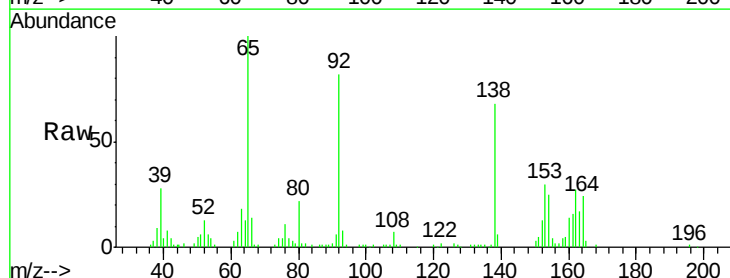
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 23.83 ng
RT: 10.41 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.9	14.9
92	120.3	113.8	170.8

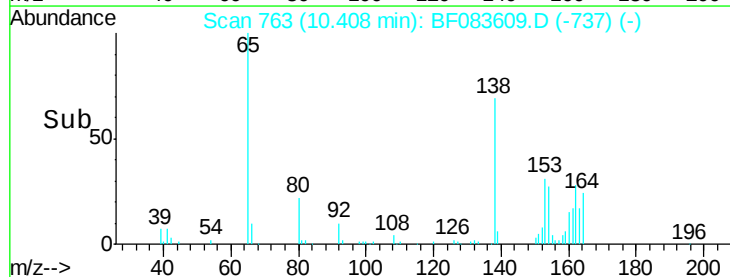
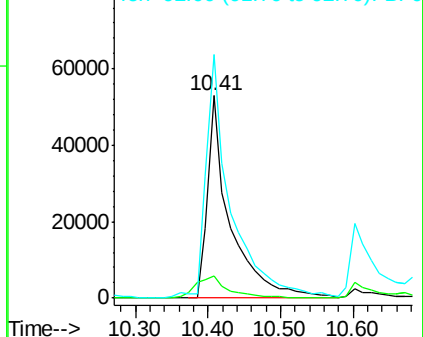


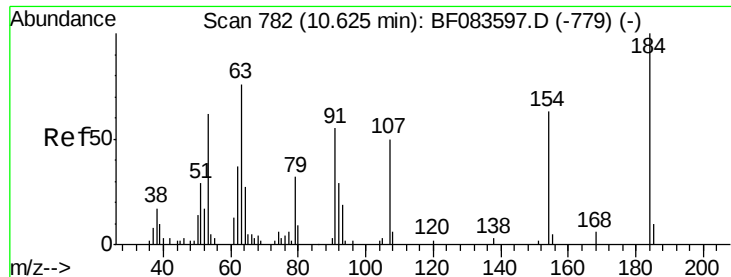
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





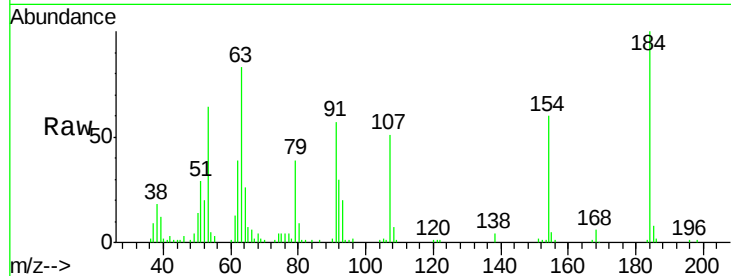
#53
2,4-Dinitrophenol
Concen: 80.23 ng
RT: 10.60 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

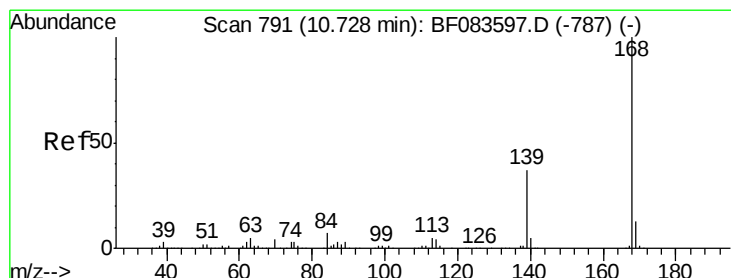
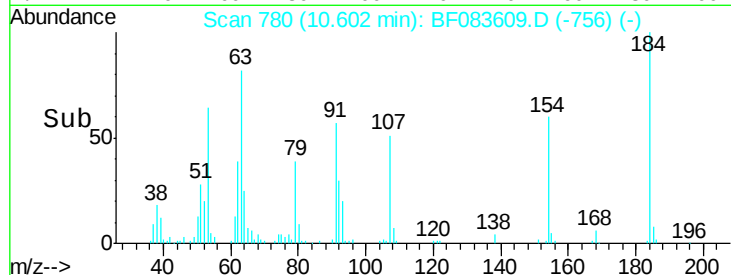
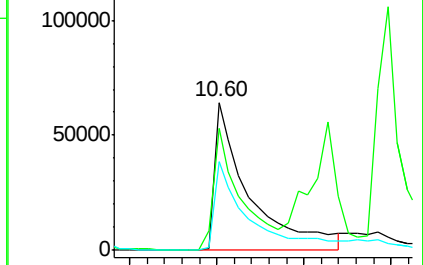
Tot Ion	Ratio	Resp	Lower	Upper
184	100	179445		
63	82.7	62.4	93.6	
154	59.6	46.6	69.8	

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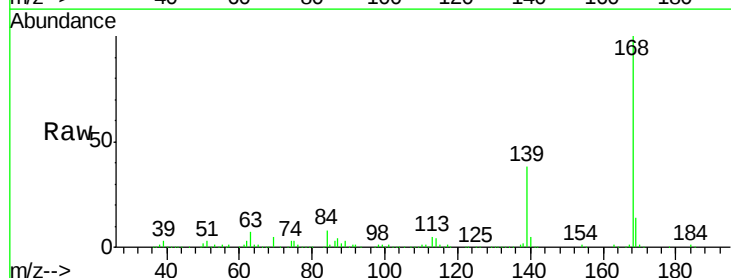


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

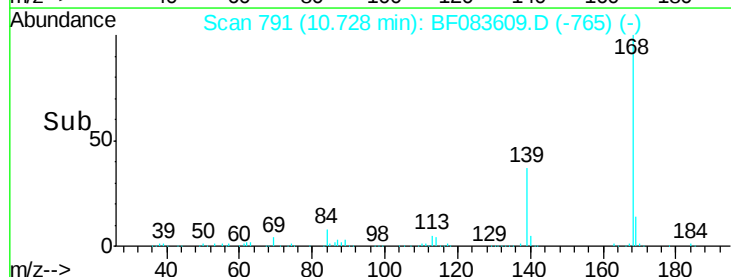
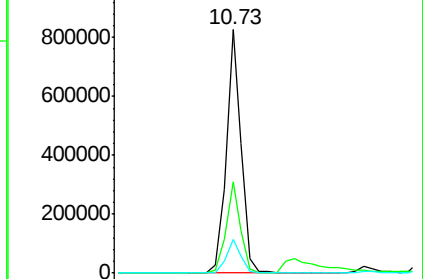


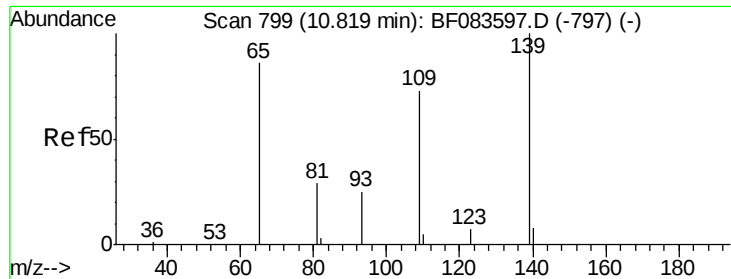
#54
Dibenzofuran
Concen: 47.68 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1126190		
139	37.7	28.0	42.0	
169	13.7	10.8	16.2	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





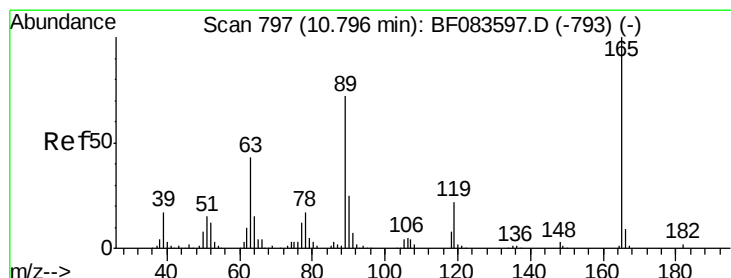
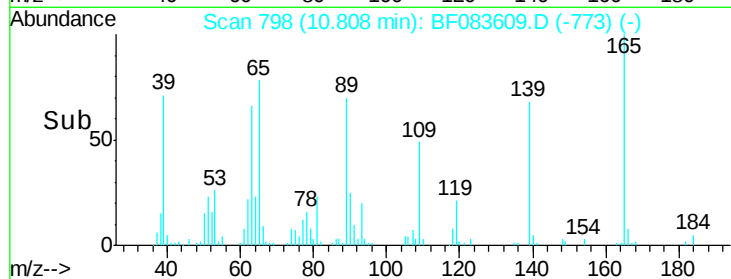
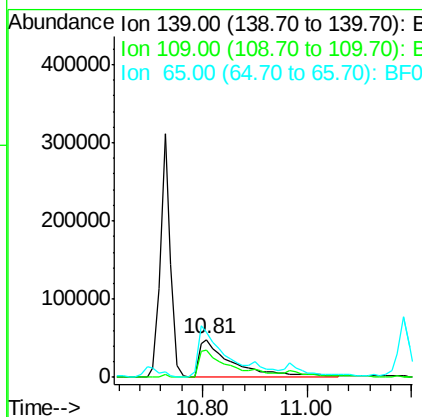
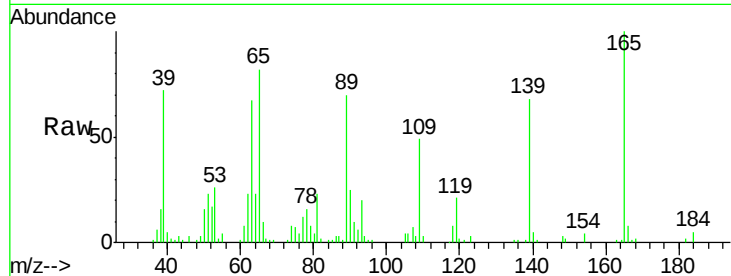
#55
4-Nitrophenol
Concen: 95.64 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	202208		
109	71.2	42.0	82.0	
65	119.5	89.2	129.2	

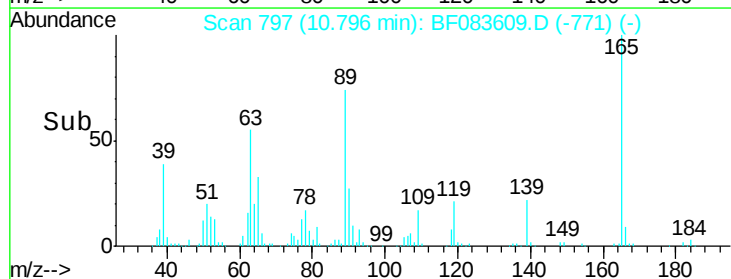
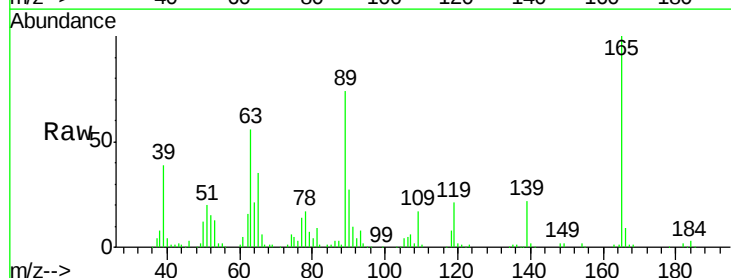
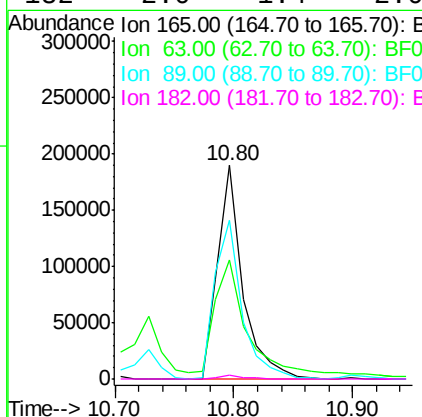
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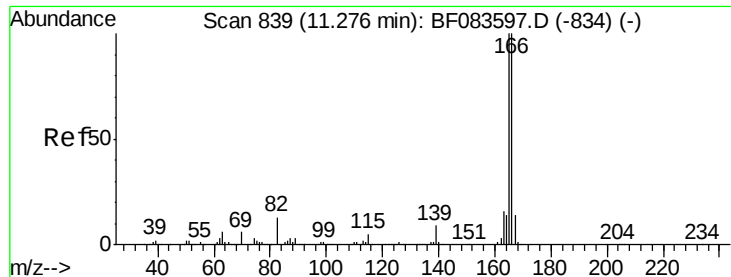
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#56
2,4-Dinitrotoluene
Concen: 46.44 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	278289		
63	55.7	51.4	77.2	
89	74.2	72.6	108.8	
182	2.0	1.4	2.0#	





#57

Fluorene

Concen: 44.36 ng

RT: 11.28 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

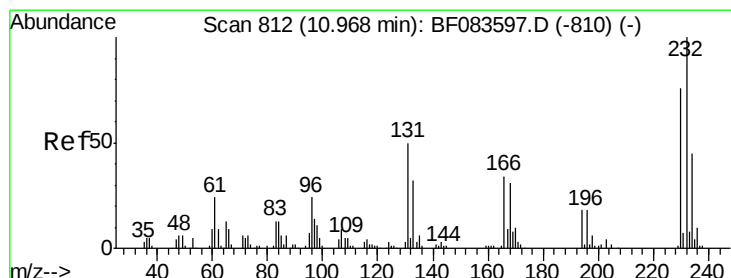
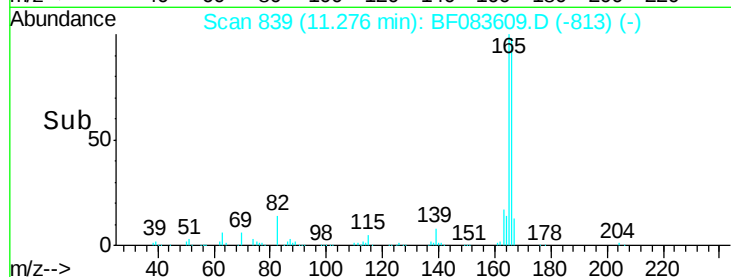
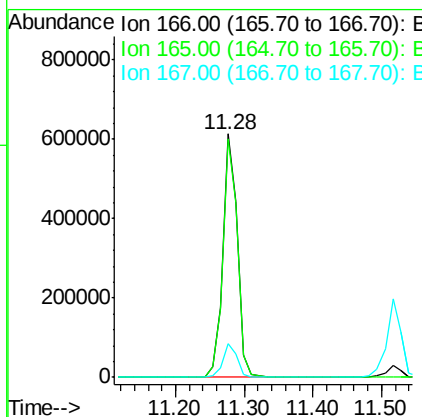
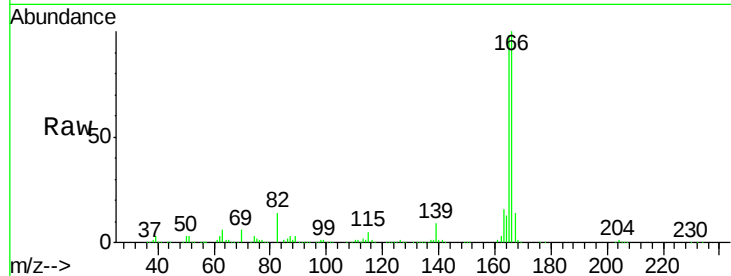
ClientSampleId :

PB87105BS

Tot Ion:	166	Resp:	914324
Ion Ratio	Lower	Upper	
166	100		
165	98.0	80.0	120.0
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.90 ng

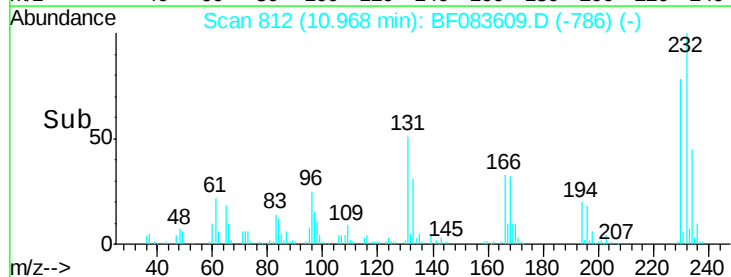
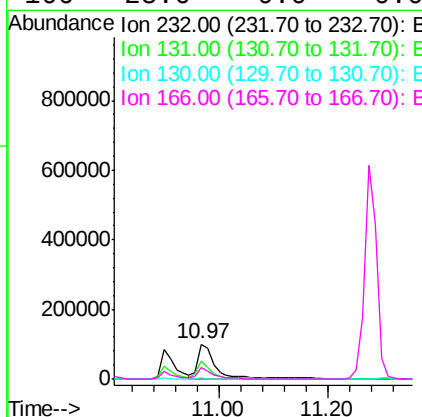
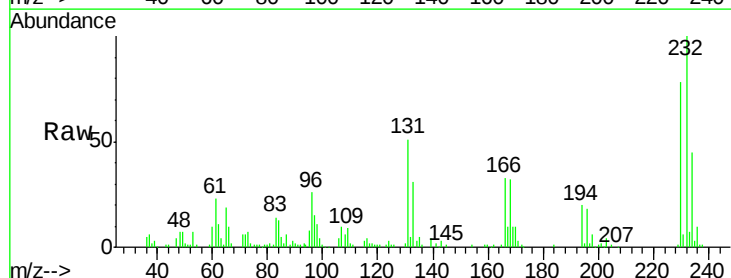
RT: 10.97 min Scan# 812

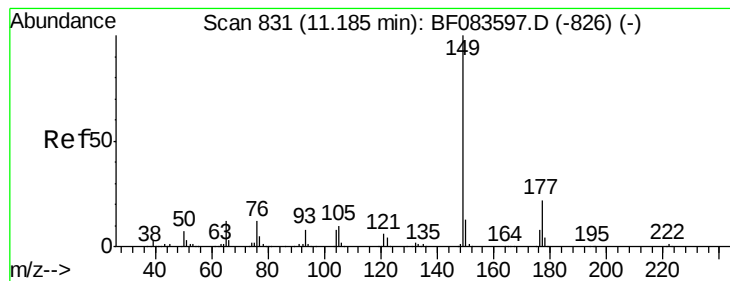
Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	232	Resp:	218299
Ion Ratio	Lower	Upper	
232	100		
131	45.0	0.0	0.0#
130	2.0	0.0	0.0#
166	28.6	0.0	0.0#





#59

Diethylphthalate

Concen: 43.81 ng

RT: 11.18 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

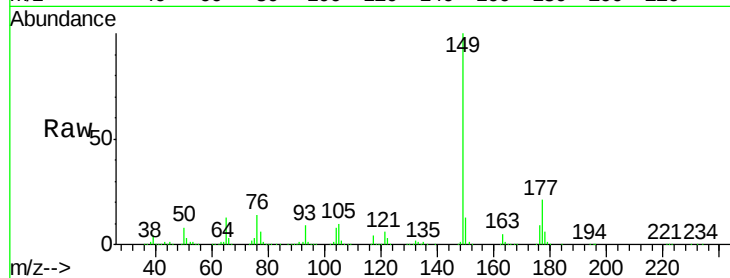
ClientSampleId :

PB87105BS

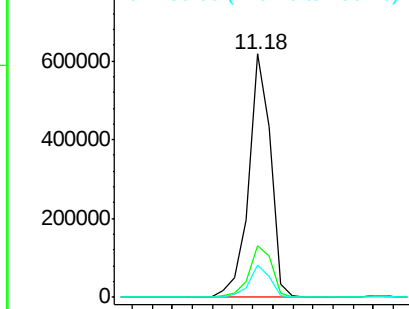
Tot Ion:	149	Resp:	932286
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.9	25.3
150	13.1	10.2	15.4

Manual Integrations
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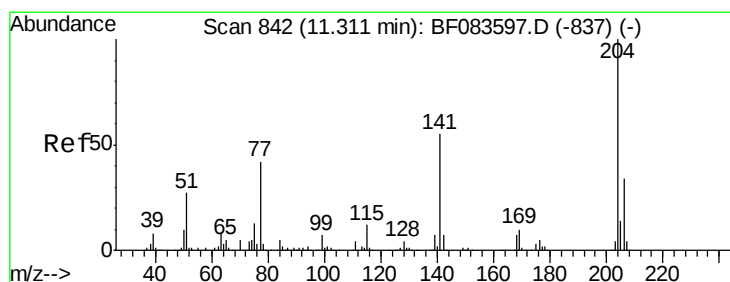
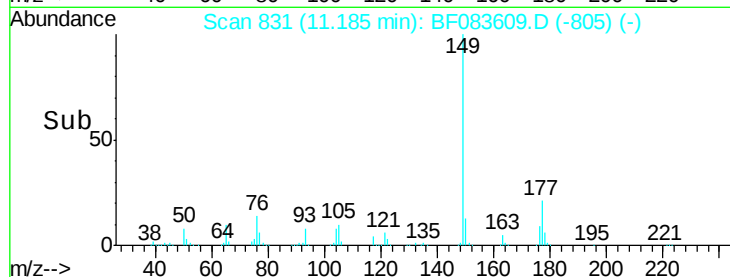
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 43.60 ng

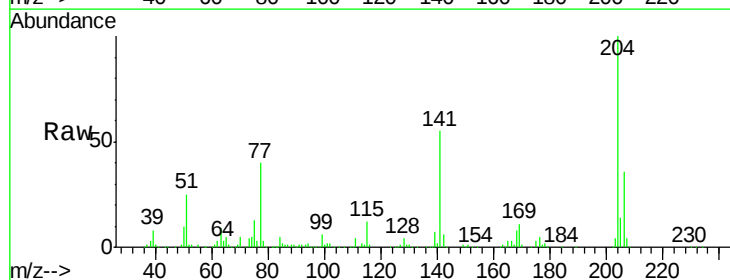
RT: 11.31 min Scan# 842

Delta R.T. 0.00 min

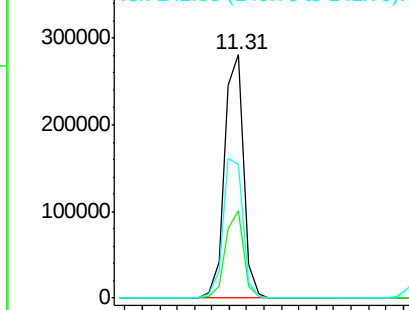
Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

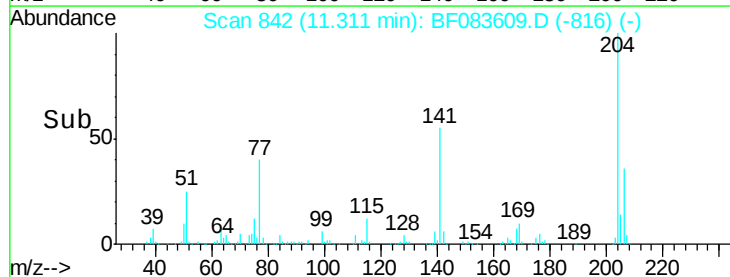
Tgt Ion:	204	Resp:	427847
Ion Ratio	Lower	Upper	
204	100		
206	36.1	27.3	40.9
141	54.7	51.9	77.9

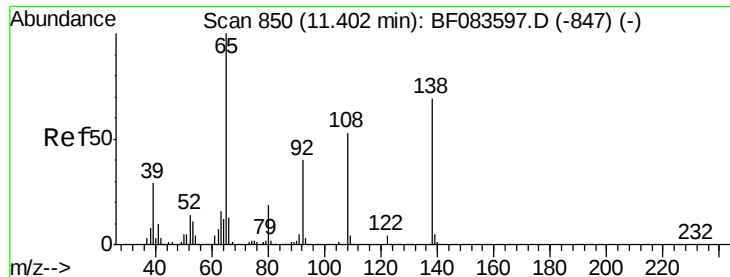


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





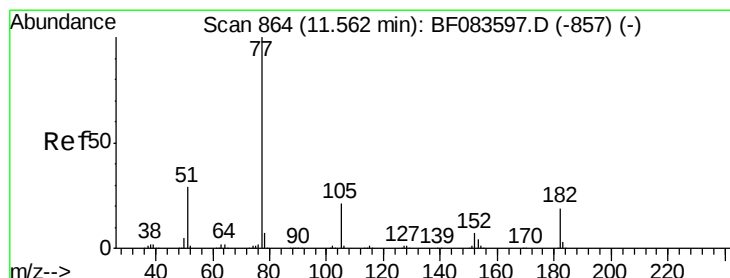
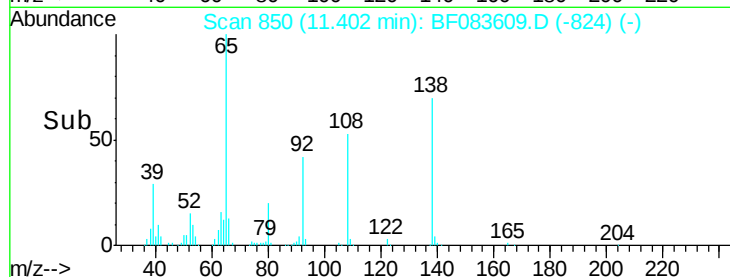
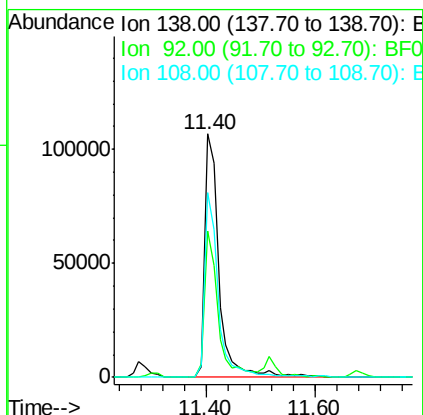
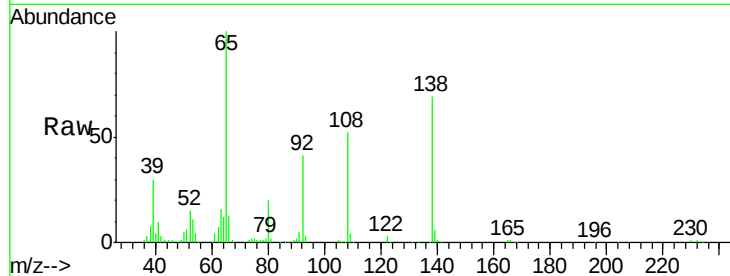
#61
4-Nitroaniline
Concen: 44.25 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampled :
PB87105BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.0	29.0	69.0
108	75.6	47.4	87.4

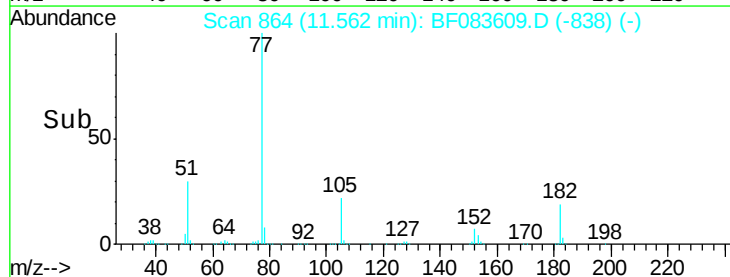
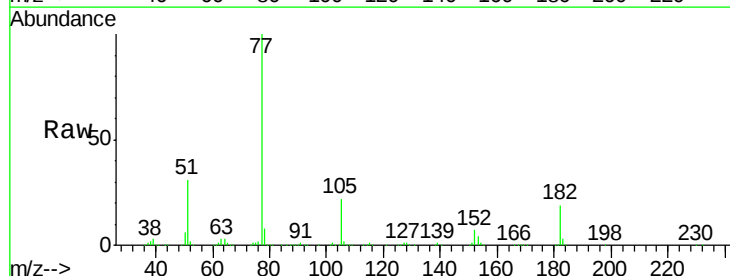
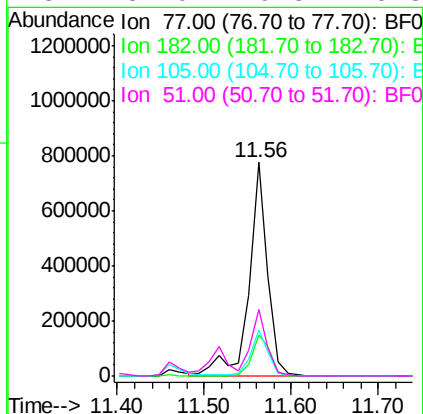
Manual Integrations
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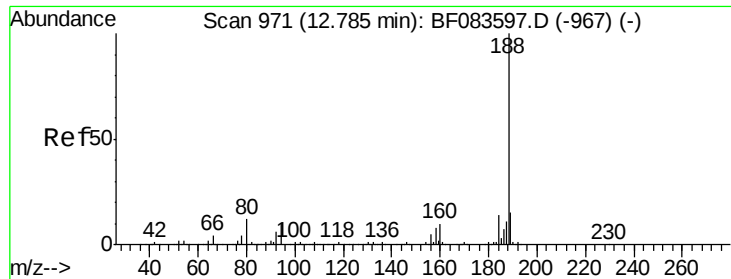
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#62
Azobenzene
Concen: 49.37 ng
RT: 11.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	2.5	42.5
105	21.9	2.1	42.1
51	31.0	9.3	49.3





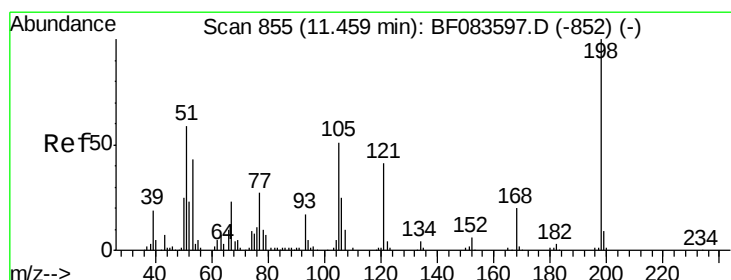
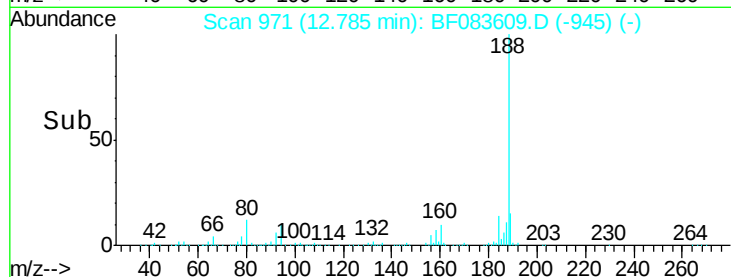
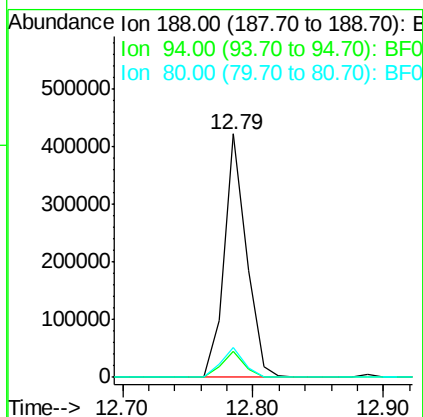
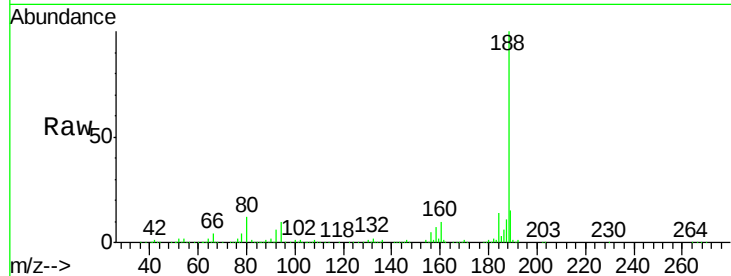
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	502052		
94	10.5		9.4	14.2
80	12.0		10.6	16.0

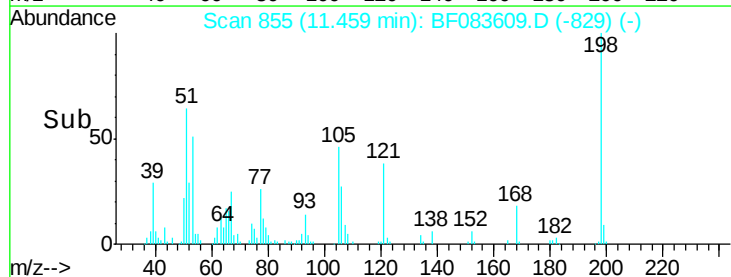
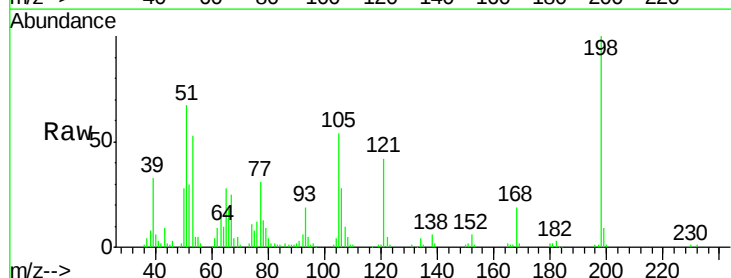
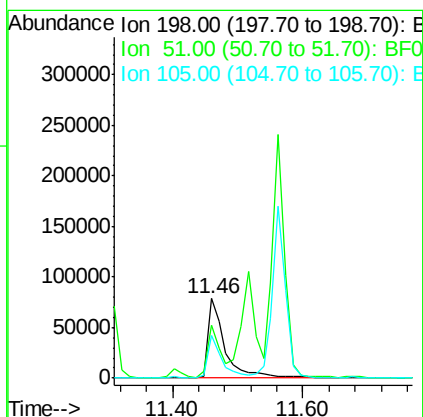
Manual Integrations
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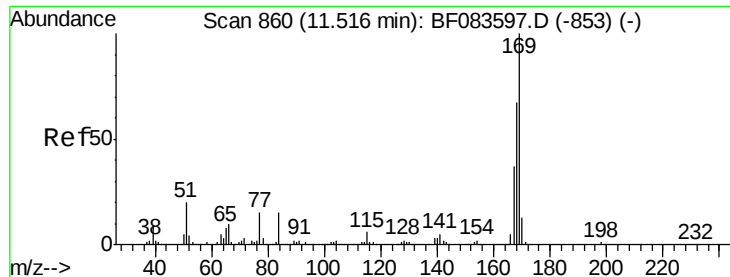
Mmdadoda
12/9/2015 6:13:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.47 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	144487		
51	67.1		53.8	93.8
105	53.6		38.6	78.6





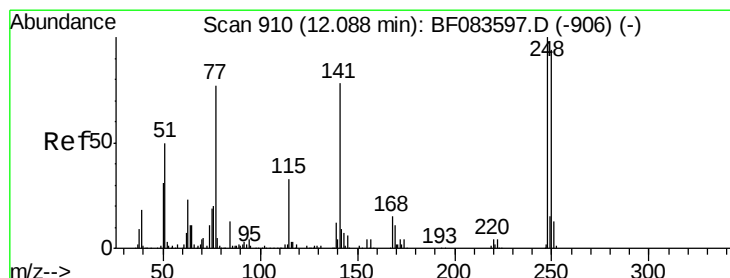
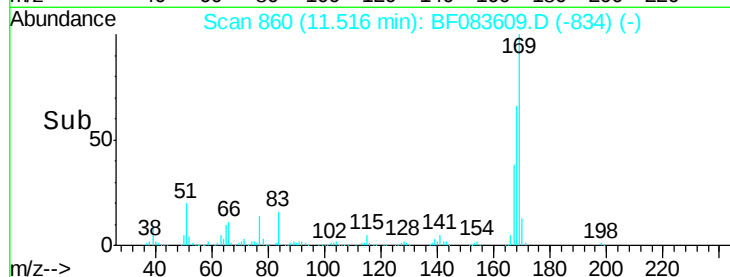
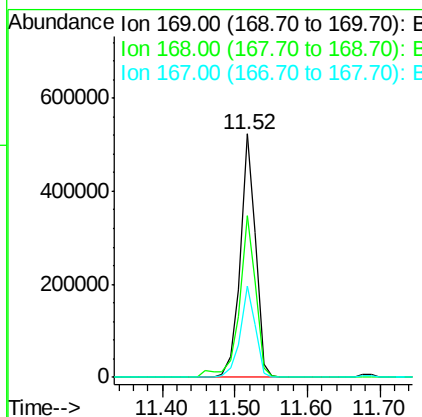
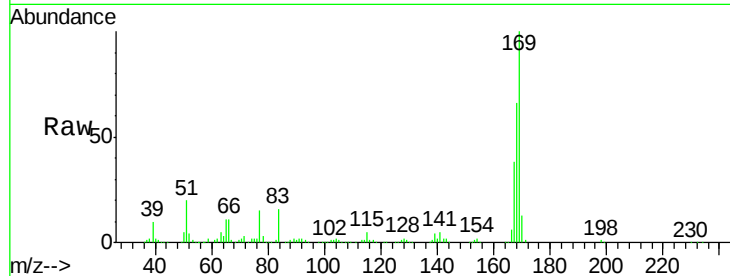
#65
n-Nitrosodiphenylamine
Concen: 46.19 ng
RT: 11.52 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	765283		
168	66.3		53.0	79.6
167	37.7		29.3	43.9

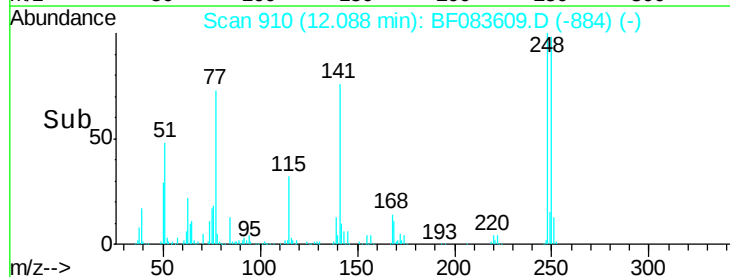
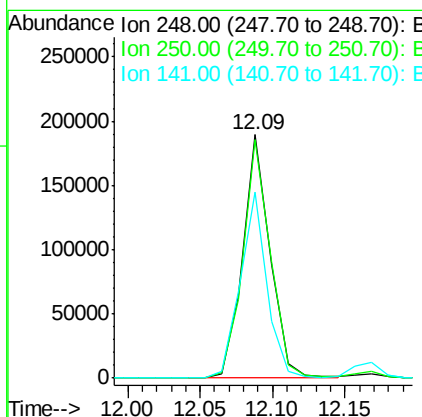
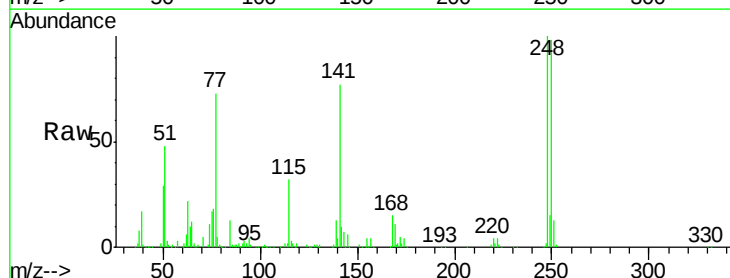
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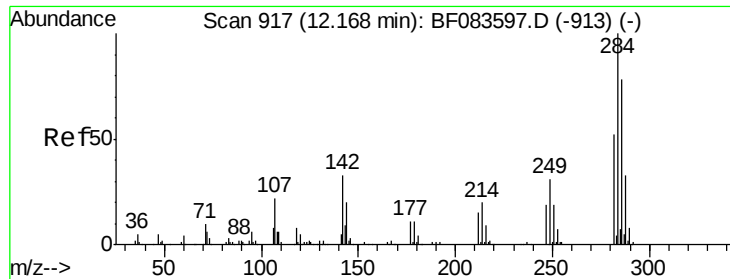
Mmdadoda
12/9/2015 6:13:26 PM



#66
4-Bromophenyl-phenylether
Concen: 44.30 ng
RT: 12.09 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	248047		
250	97.9		79.2	118.8
141	76.7		58.2	87.4





#67

Hexachlorobenzene

Concen: 45.56 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

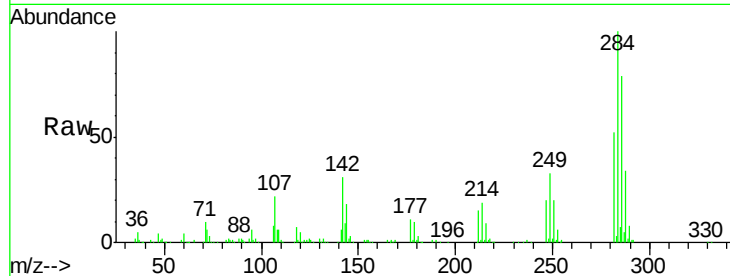
ClientSampleId :

PB87105BS

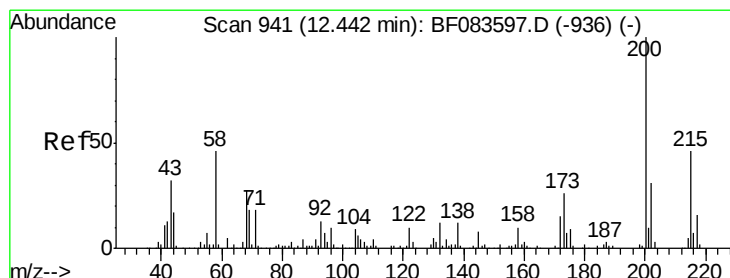
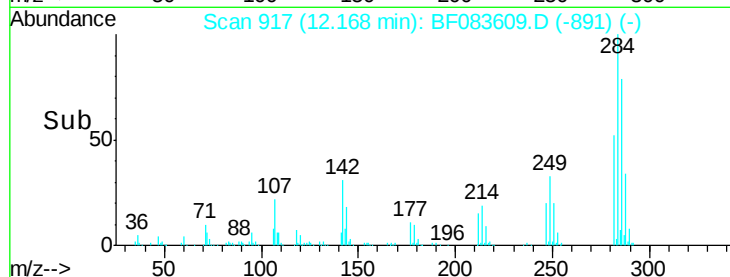
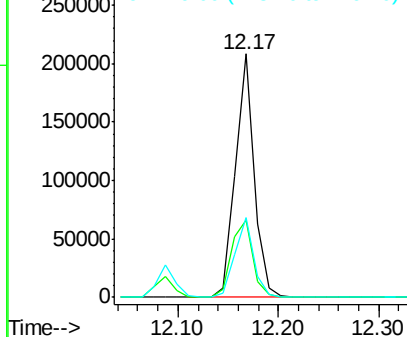
Tot Ion:	284	Resp:	270665
Ion Ratio	Lower	Upper	
284	100		
142	31.5	31.0	46.4
249	32.6	26.9	40.3

Manual Integrations
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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: 50.66 ng

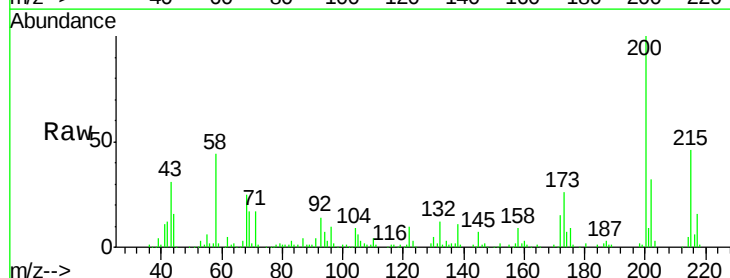
RT: 12.44 min Scan# 941

Delta R.T. 0.00 min

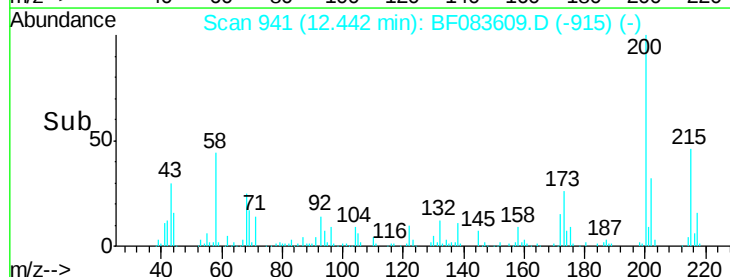
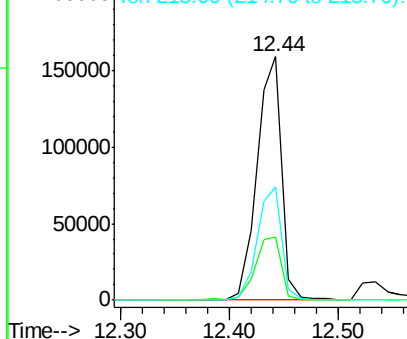
Lab File: BF083609.D

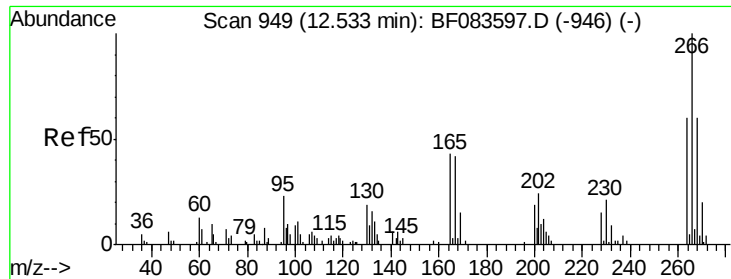
Acq: 8 Dec 2015 22:20

Tgt Ion:	200	Resp:	249734
Ion Ratio	Lower	Upper	
200	100		
173	25.8	7.8	47.8
215	46.2	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





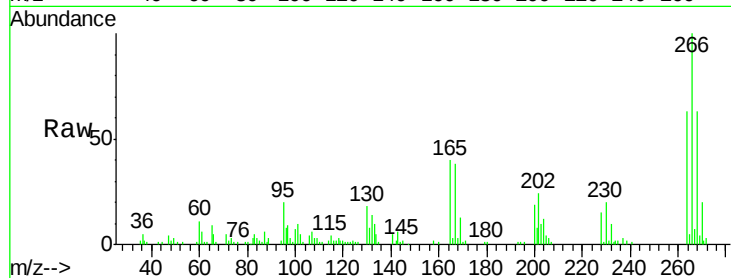
#69
 Pentachlorophenol
 Concen: 98.32 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

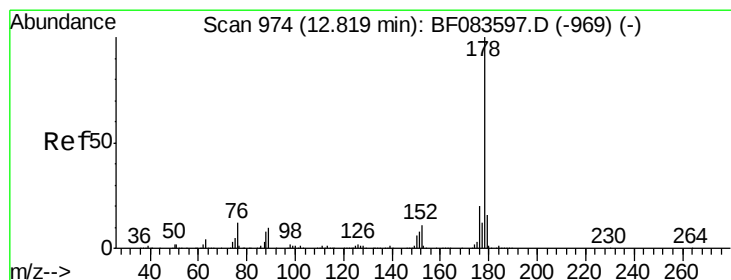
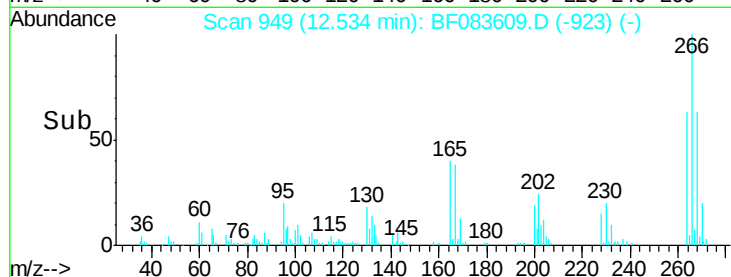
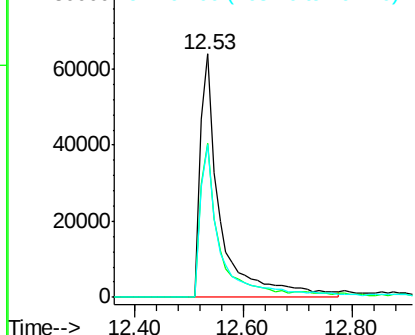
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.2	75.2
264	62.9	51.4	77.2

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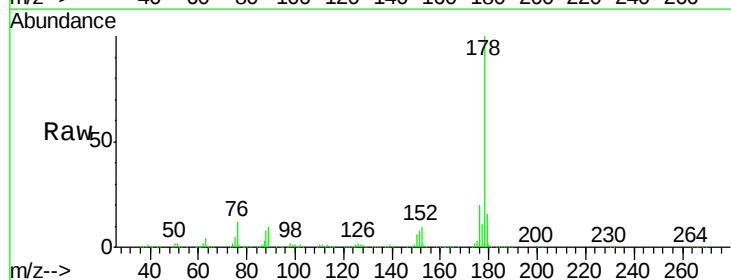


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

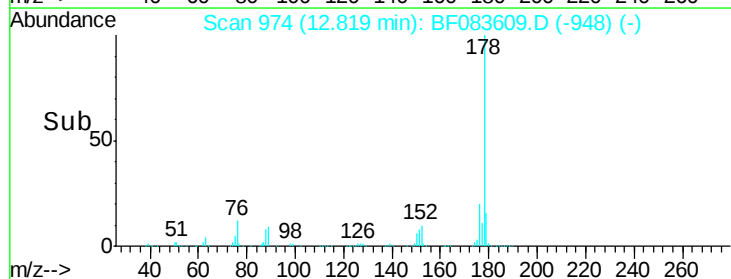
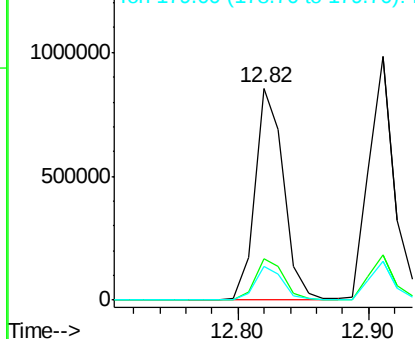


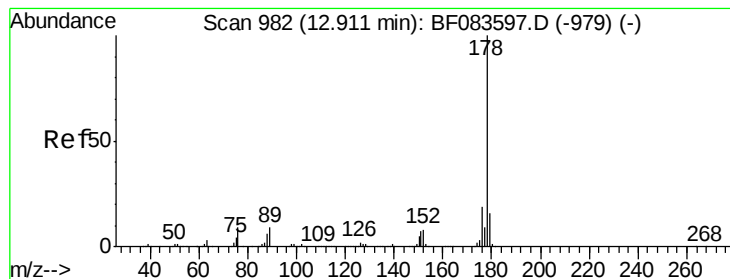
#70
 Phenanthrene
 Concen: 45.14 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	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: 45.92 ng

RT: 12.91 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

PB87105BS

Tot Ion:178 Resp: 1372283

Ion Ratio Lower Upper

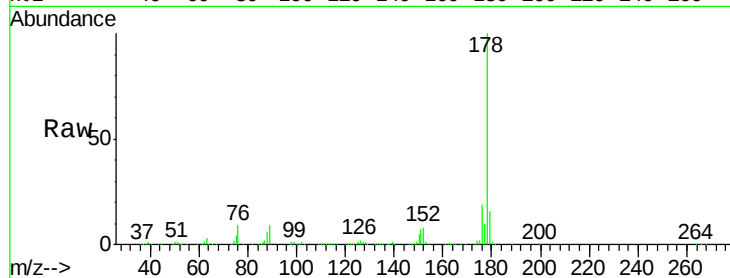
178 100

176 18.8 15.2 22.8

179 15.9 12.6 18.8

Manual Integrations
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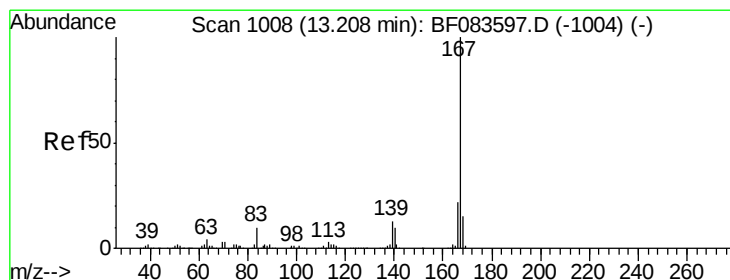
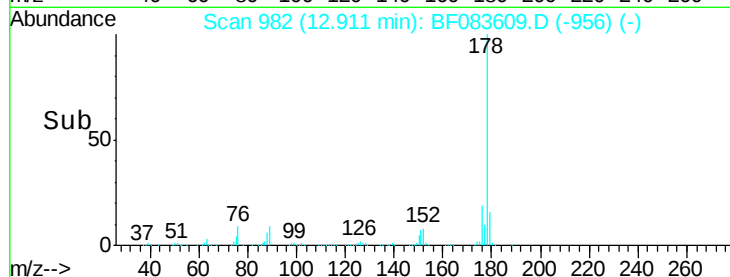
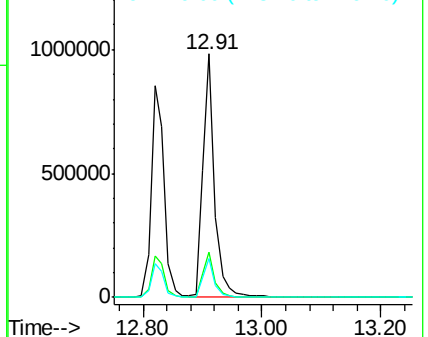
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.54 ng

RT: 13.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

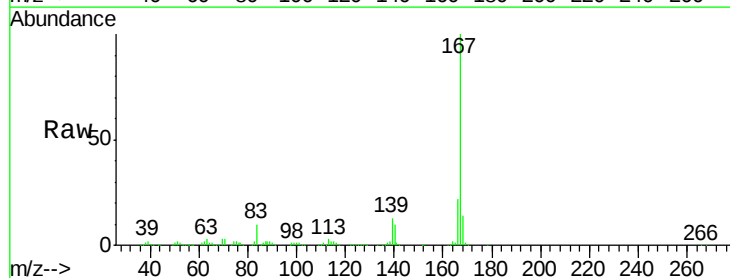
Tgt Ion:167 Resp: 1192560

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

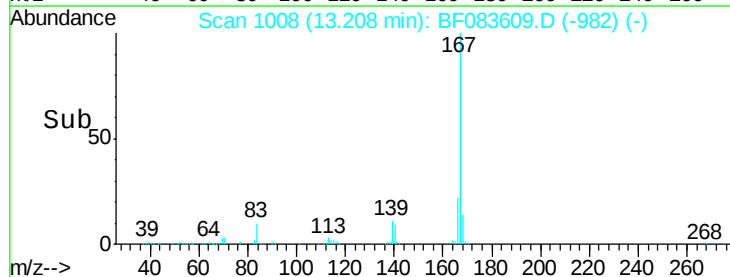
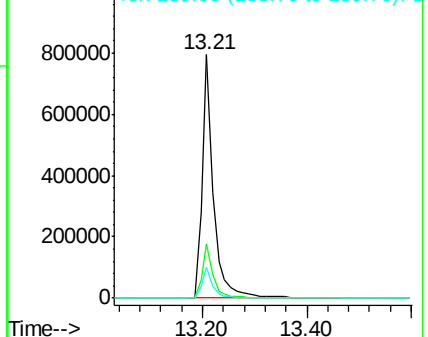
139 12.6 9.3 13.9

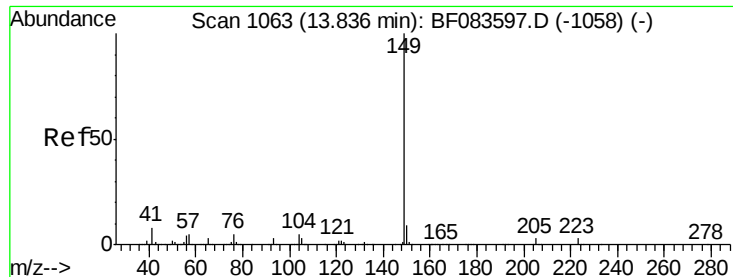


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.59 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

PB87105BS

Tot Ion:149 Resp: 1501421

Ion Ratio Lower Upper

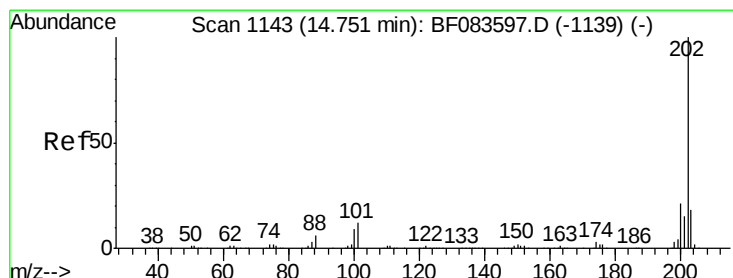
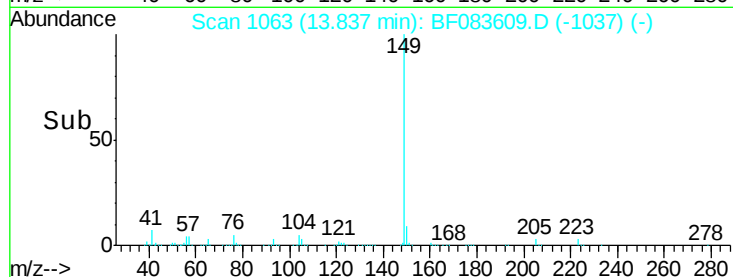
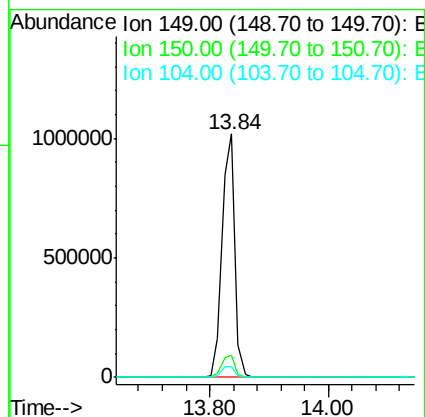
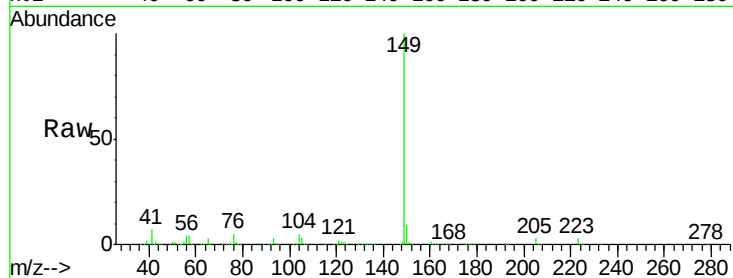
149 100

150 9.2 7.8 11.6

104 4.6 3.9 5.9

Manual Integrations
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#74

Fluoranthene

Concen: 45.86 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

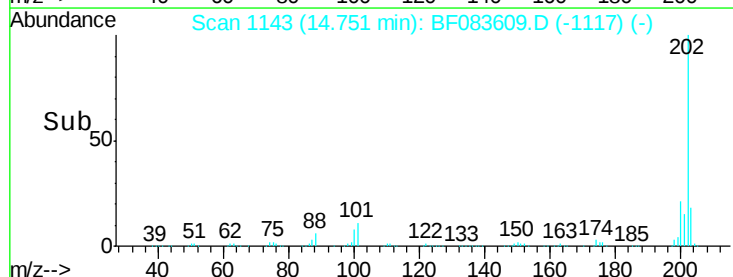
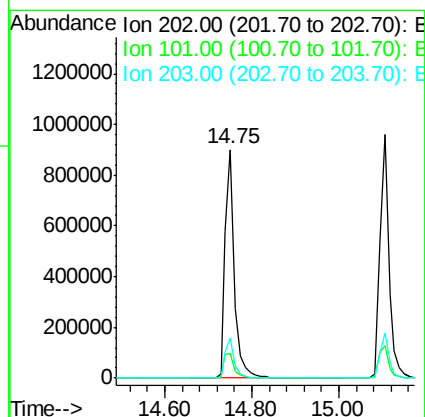
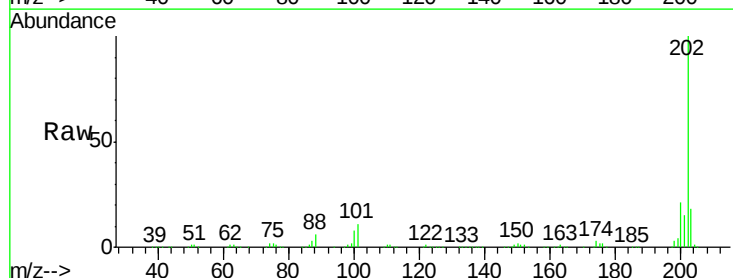
Tgt Ion:202 Resp: 1353369

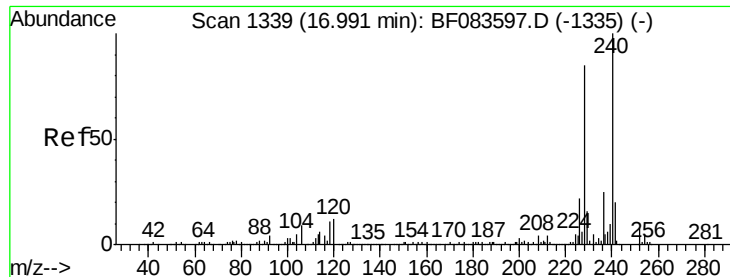
Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.5

203 17.5 0.0 37.6





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

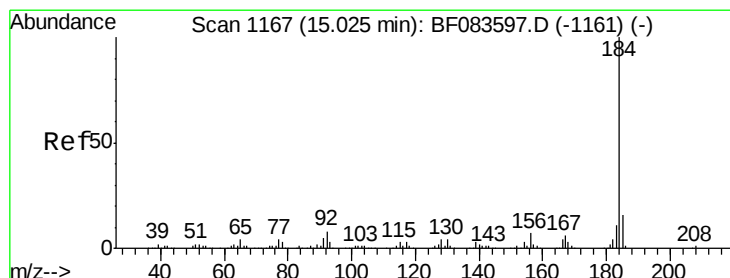
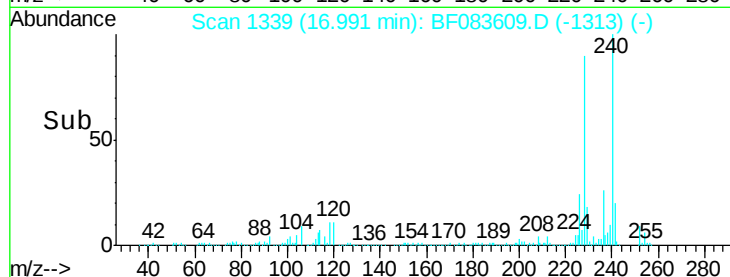
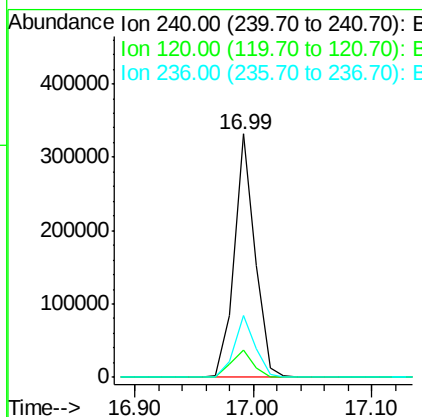
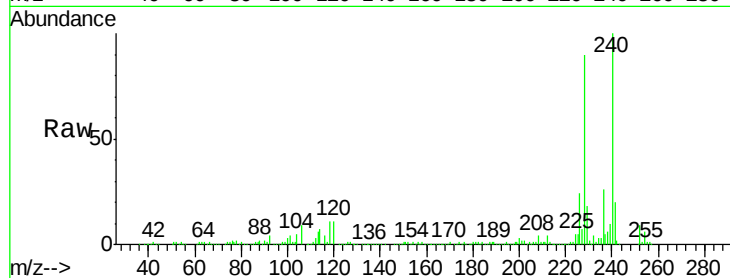
ClientSampleId :

PB87105BS

Tot Ion:	240	Resp:	404277
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.1	12.1
236	25.6	20.8	31.2

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#76

Benzidine

Concen: 30.00 ng

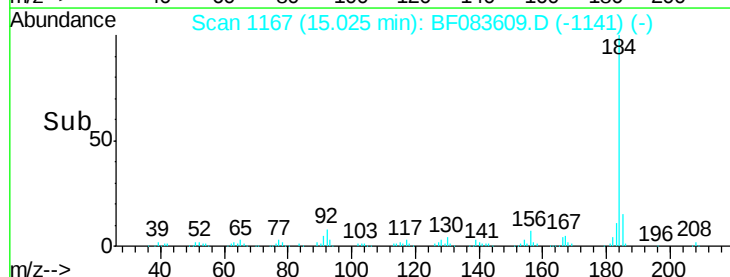
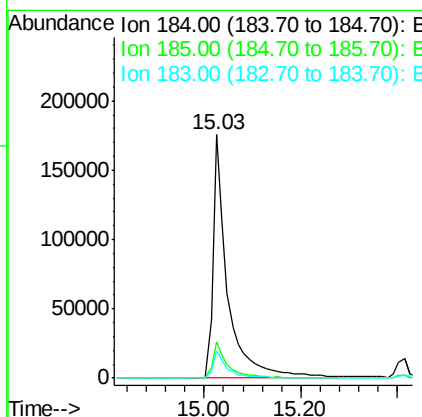
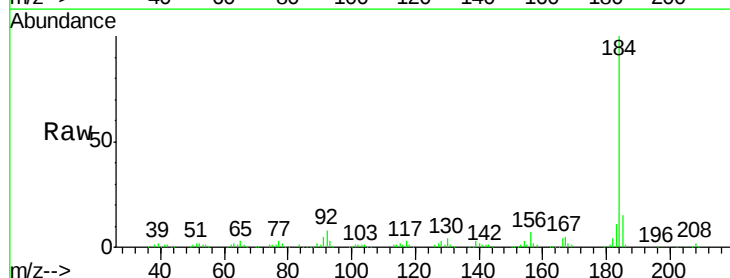
RT: 15.03 min Scan# 1167

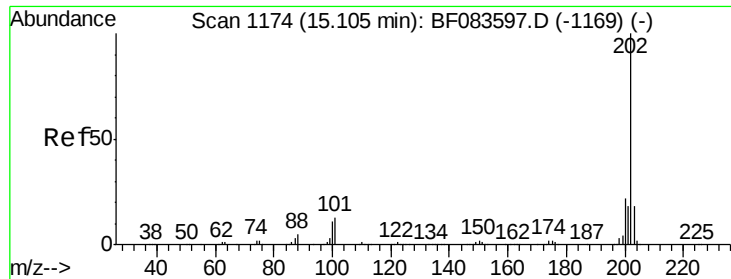
Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	184	Resp:	377293
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.6
183	11.1	9.0	13.4





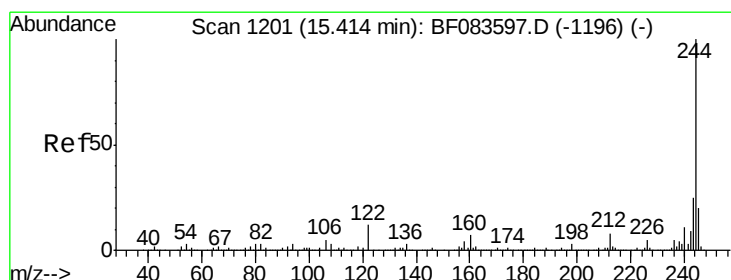
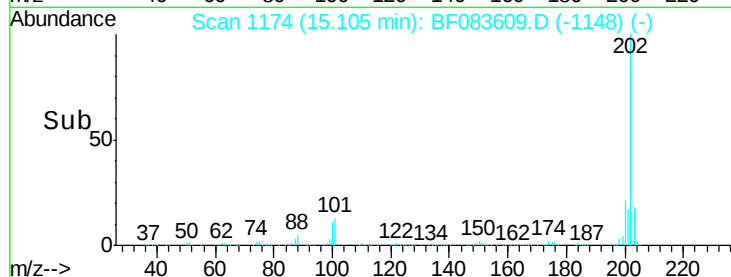
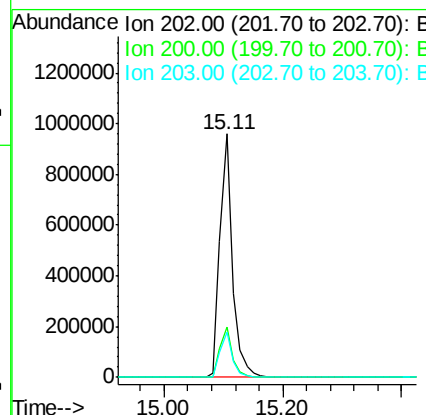
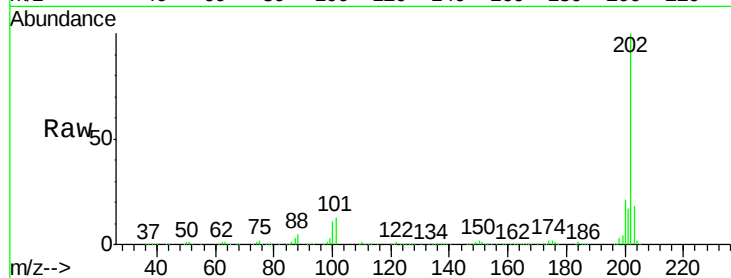
#77
 Pvrene
 Concen: 47.86 ng
 RT: 15.11 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.4	14.3	21.5

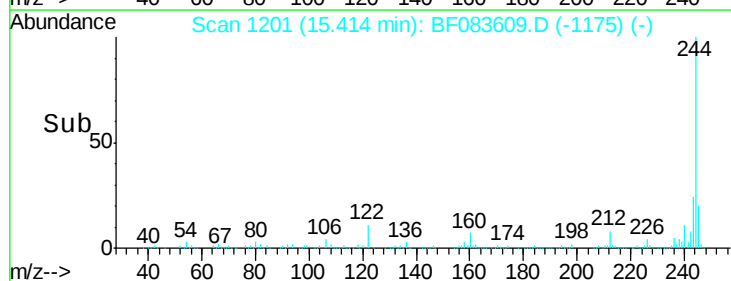
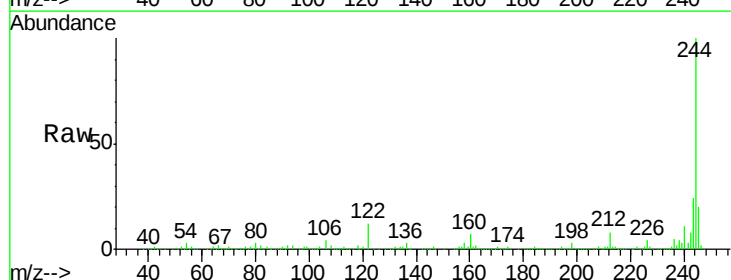
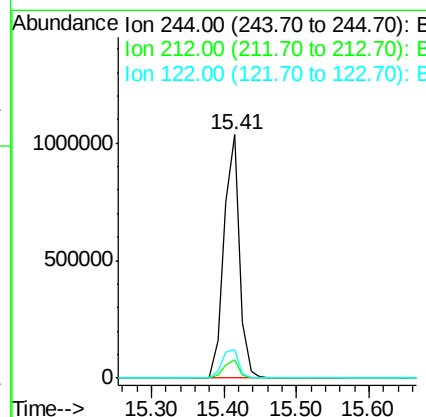
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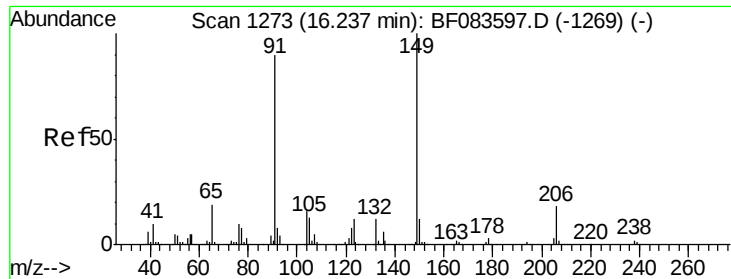
Mmdadoda
 12/9/2015 6:13:26 PM



#78
 Terphenyl-d14
 Concen: 89.48 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.6	11.0	16.6





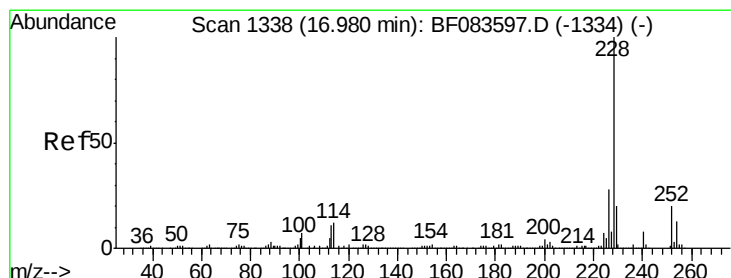
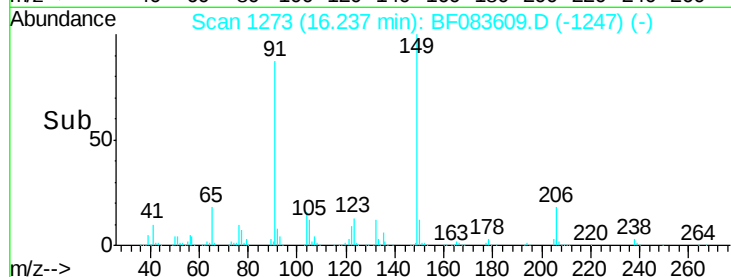
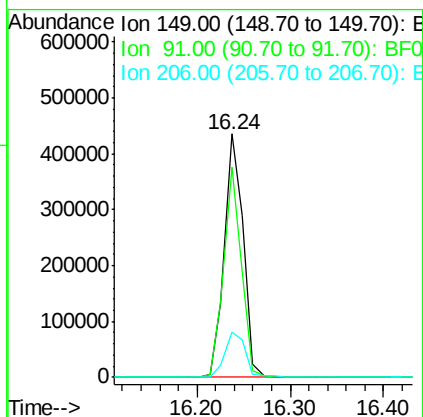
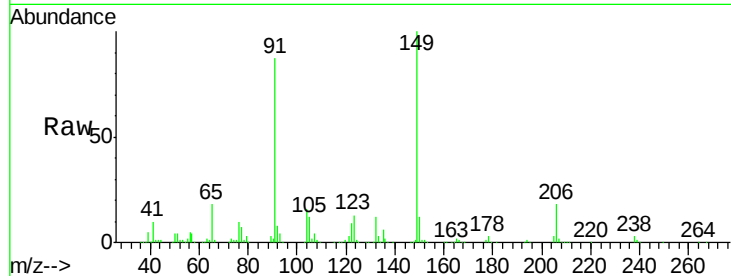
#79
Butylbenzylphthalate
Concen: 47.37 ng
RT: 16.24 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	612014		
91	86.6	60.0	90.0	
206	18.3	16.2	24.4	

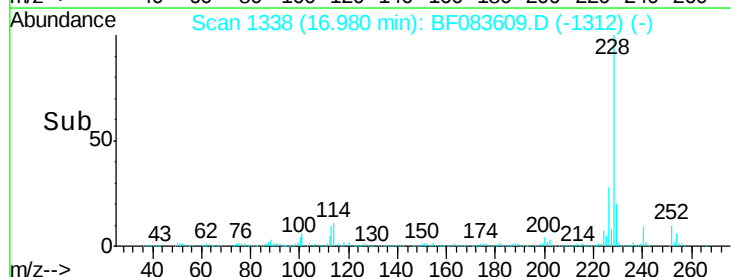
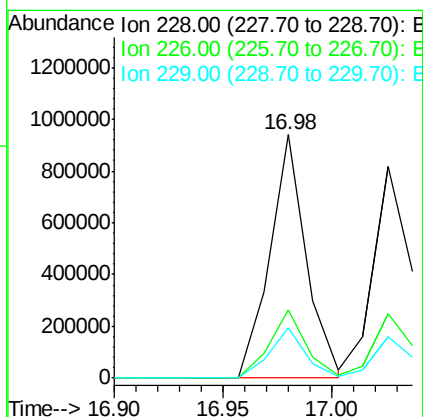
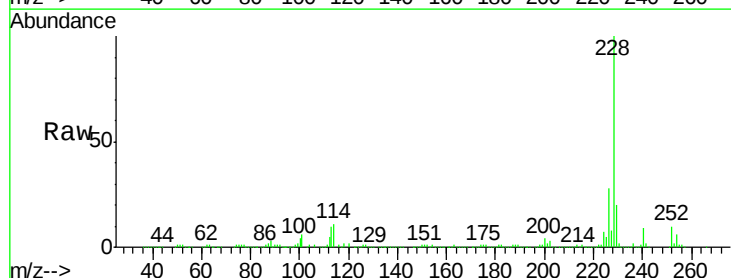
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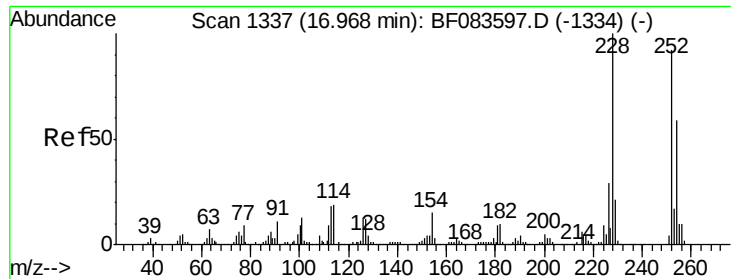
Mmdadoda
12/9/2015 6:13:26 PM



#80
Benzo(a)anthracene
Concen: 46.55 ng
RT: 16.98 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1101452		
226	27.9	22.3	33.5	
229	20.5	15.7	23.5	





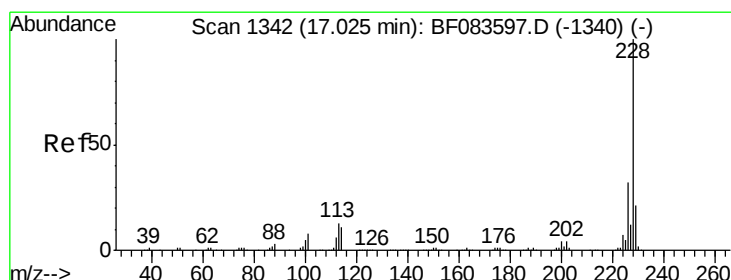
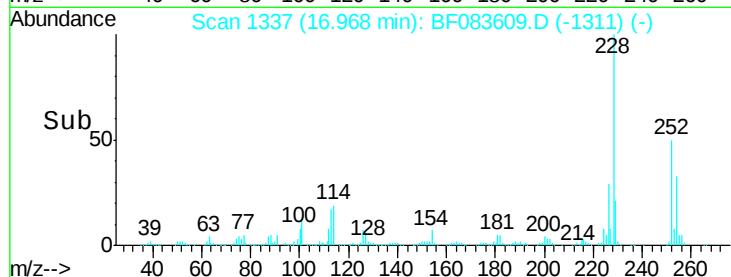
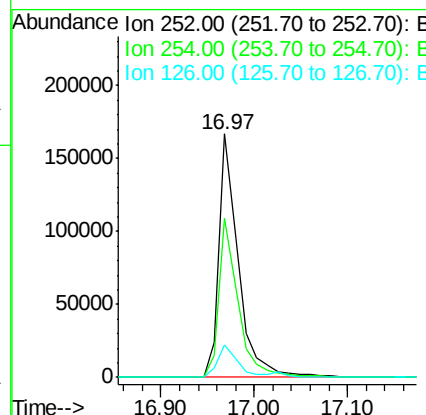
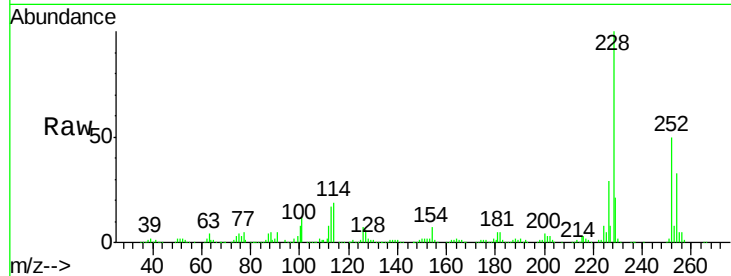
#81
 3,3'-Dichlorobenzidine
 Concen: 30.01 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.6	76.0
126	13.4	11.0	16.4

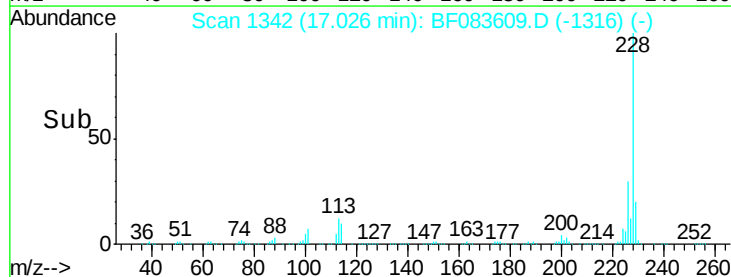
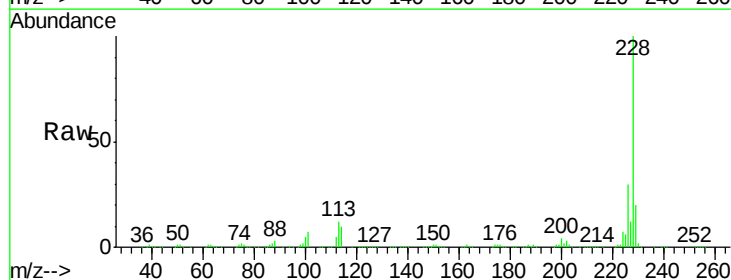
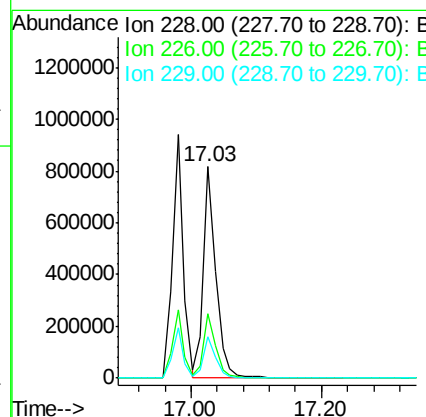
Manual Integrations
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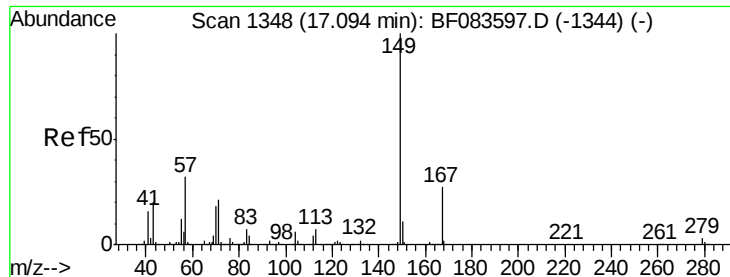
Mmdadoda
 12/9/2015 6:13:26 PM



#82
 Chrysene
 Concen: 45.74 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	19.8	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.94 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

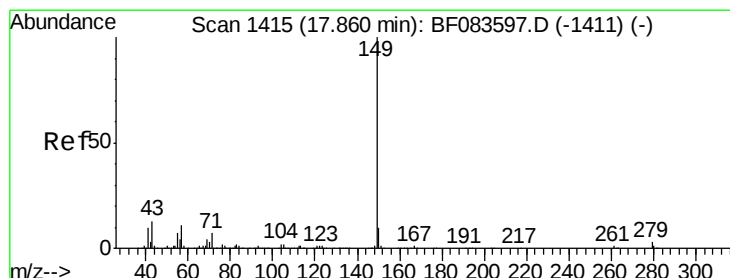
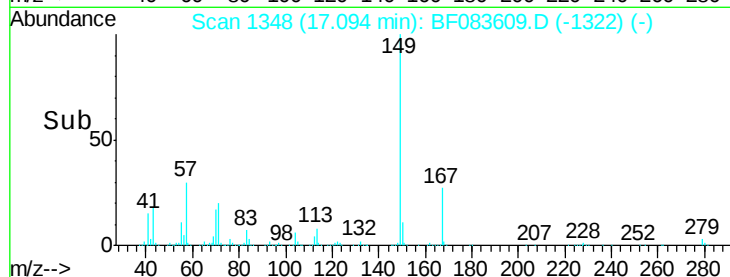
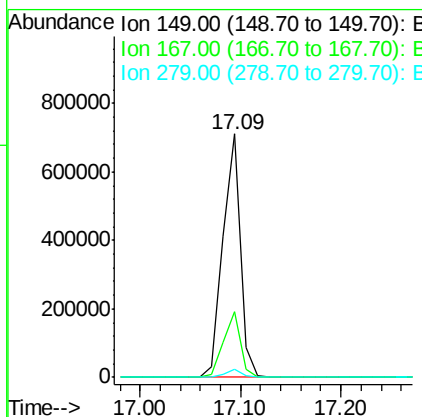
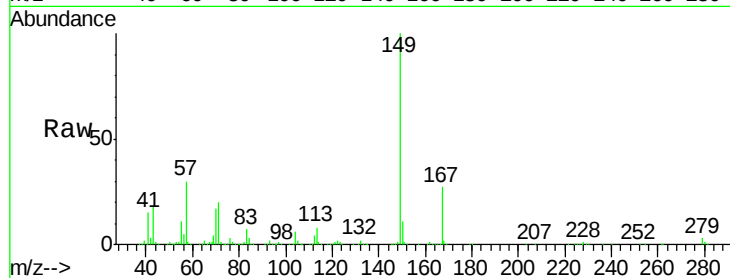
ClientSampleId :

PB87105BS

Tot Ion:	149	Resp:	859527
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.8	32.8
279	3.3	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.58 ng

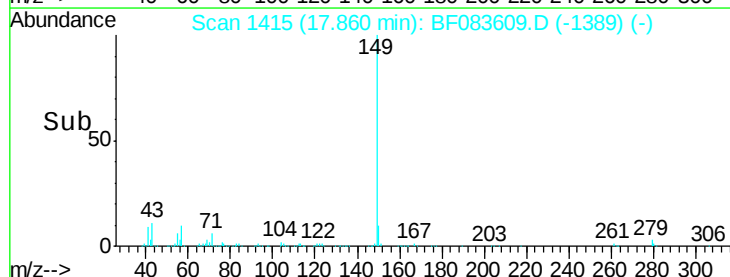
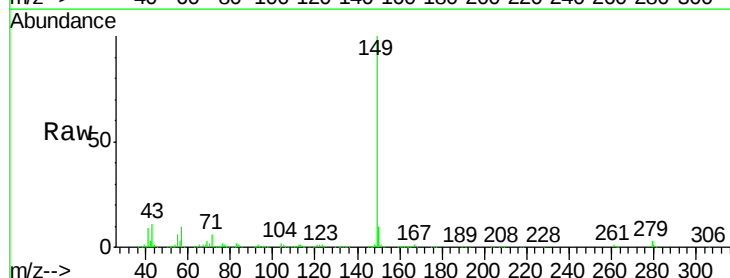
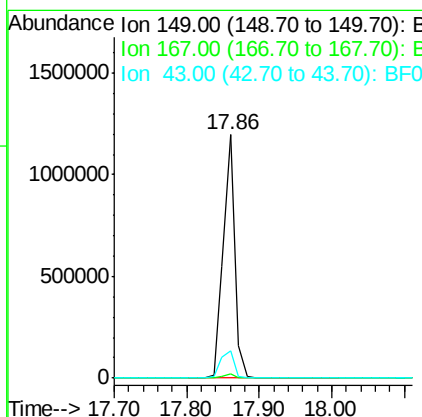
RT: 17.86 min Scan# 1415

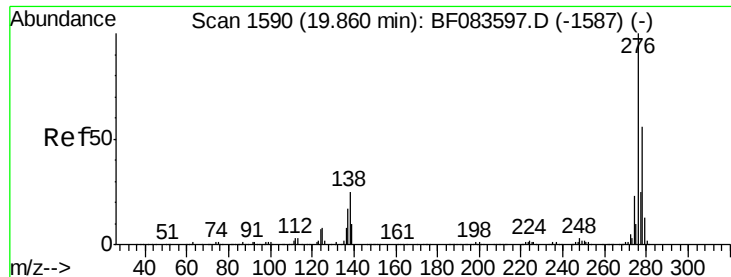
Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion:	149	Resp:	1330994
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	13.0	0.0	0.0#





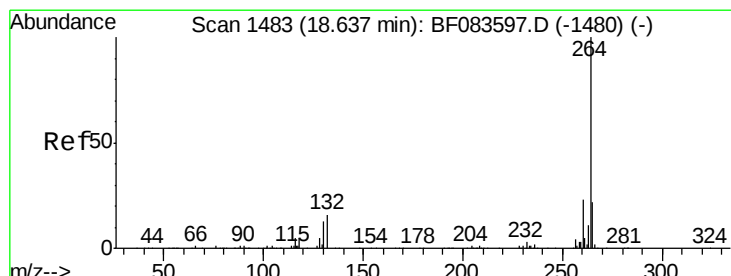
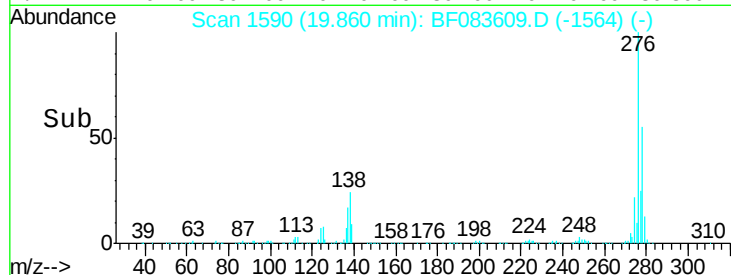
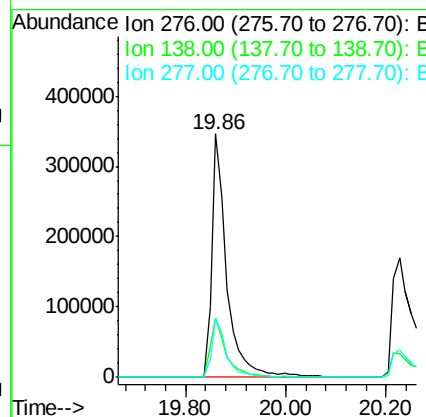
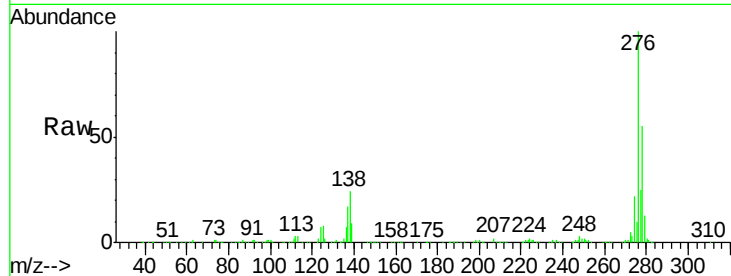
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.41 ng
RT: 19.86 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.1	0.0	0.0#
277	24.6	0.0	0.0#

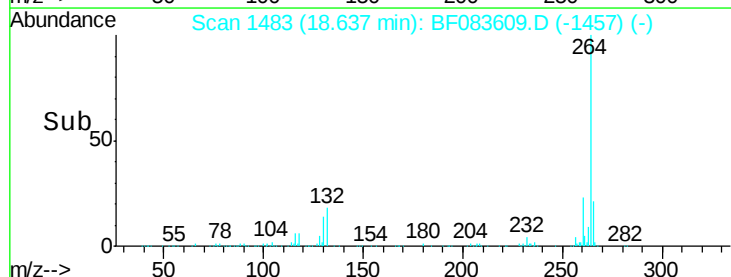
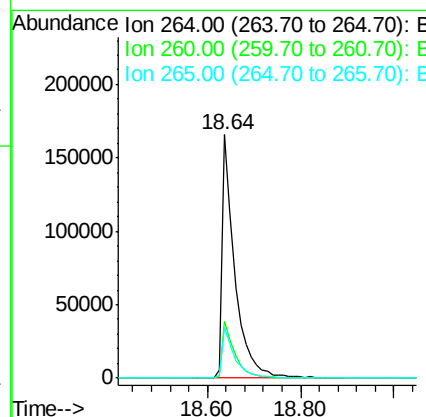
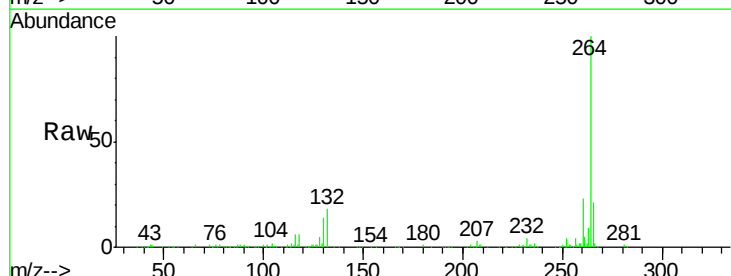
Manual Integrations
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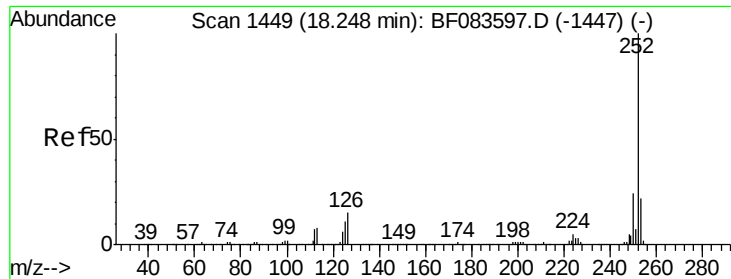
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	19.4	29.0
265	20.9	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 44.38 ng m

RT: 18.25 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Instrument :

BNA_F

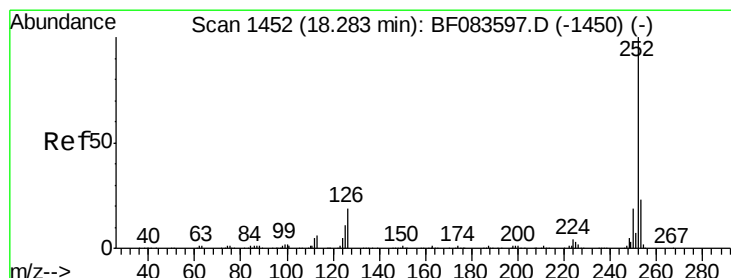
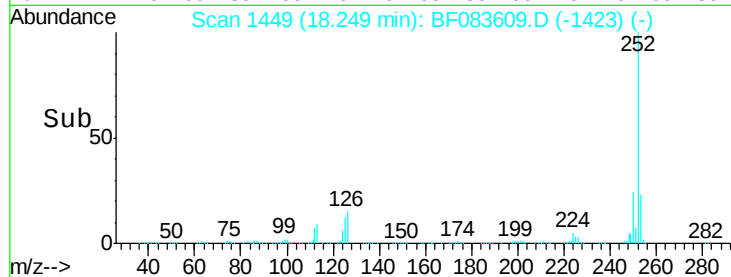
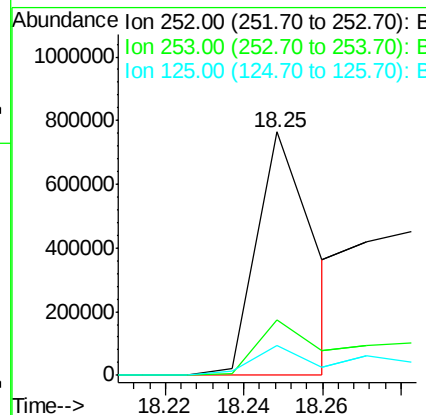
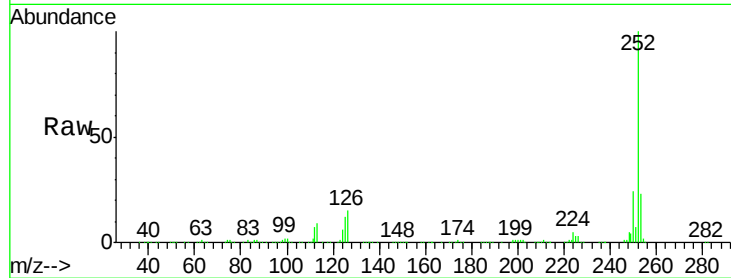
ClientSampleId :

PB87105BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.1	8.2	12.4

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12/9/2015 6:13:26 PM



#88

Benzo(k)fluoranthene

Concen: 46.80 ng m

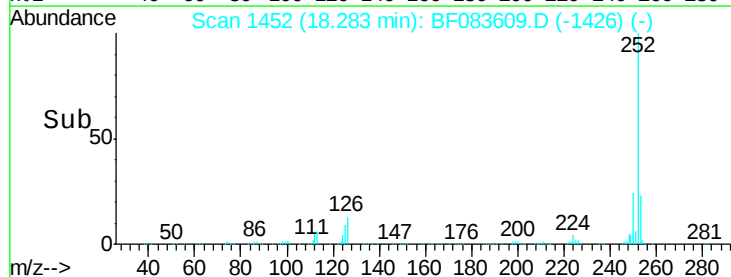
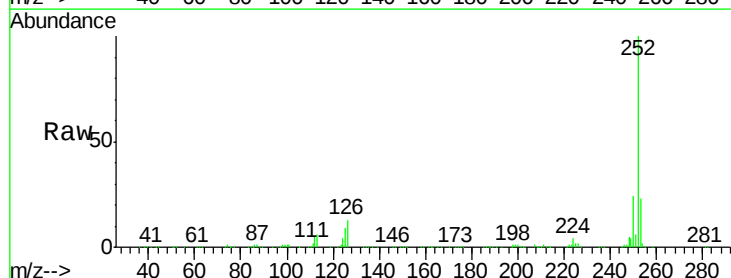
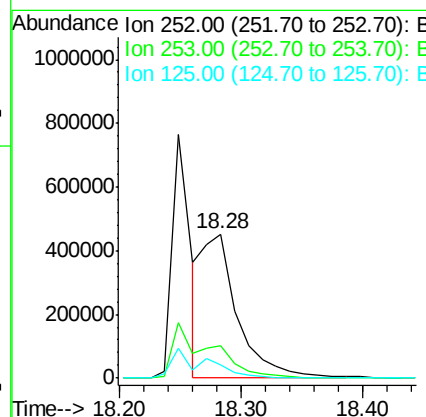
RT: 18.28 min Scan# 1452

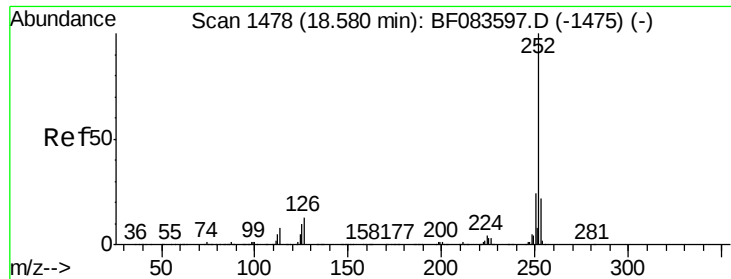
Delta R.T. 0.00 min

Lab File: BF083609.D

Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	9.1	11.5	17.3#





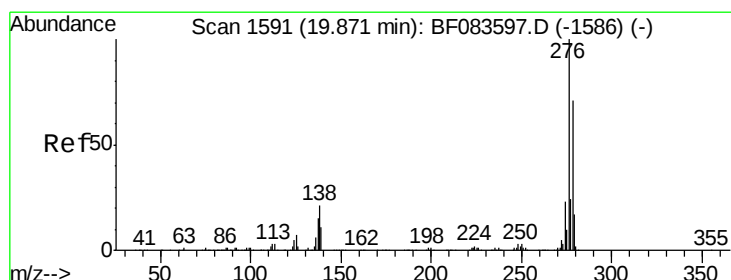
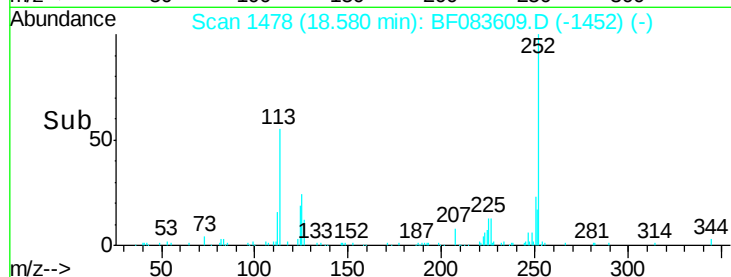
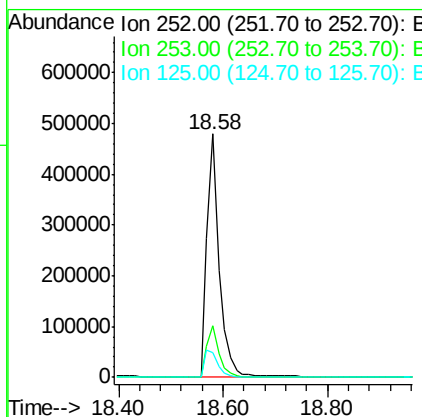
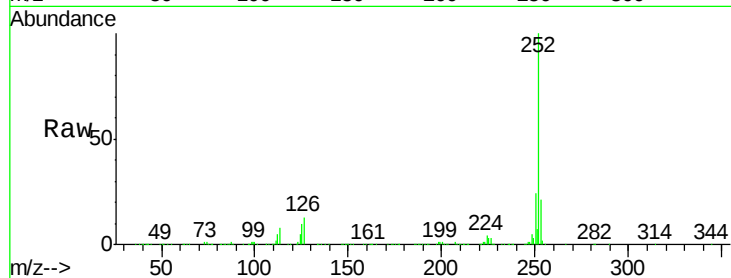
#89
Benzo(a)pyrene
Concen: 45.16 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
PB87105BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.9	11.0	16.6

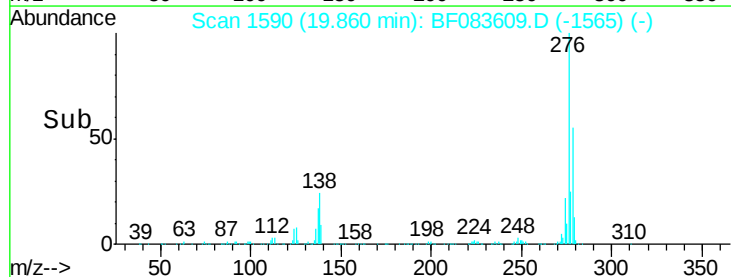
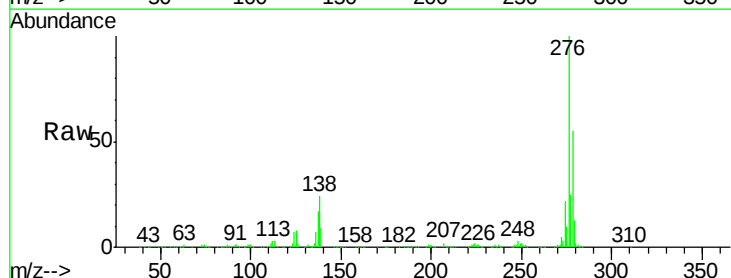
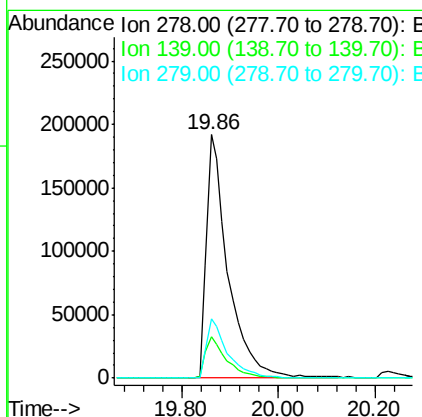
Manual Integrations
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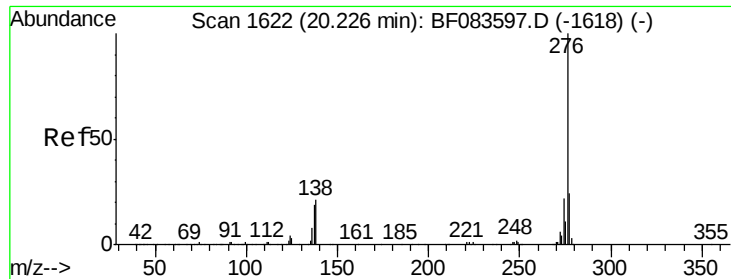
Mmdadoda
12/9/2015 6:13:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.51 ng
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083609.D
Acq: 8 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	24.2	18.6	28.0





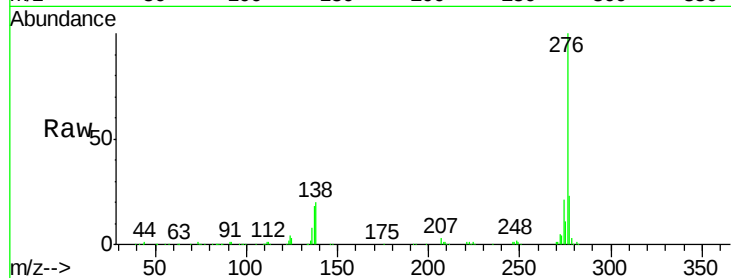
#91
 Benzo(a,h,i)perylene
 Concen: 44.97 ng
 RT: 20.23 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF083609.D
 Acq: 8 Dec 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	20.0	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:26 PM



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

