

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083603.D
 Acq On : 8 Dec 2015 19:21
 Operator : UM/IZ
 Sample : PB86955BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:22 PM

Quant Time: Dec 17 10:14:57 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	165281	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	663322	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	335435	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	623030	20.00	ng	0.00
75) Chrysene-d12	16.99	240	515755	20.00	ng	0.00
86) Perylene-d12	18.64	264	387387	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.00	112	1324859	121.58	ng	0.02
7) Phenol-d6	5.28	99	1674595	115.01	ng	0.00
23) Nitrobenzene-d5	6.53	82	1111627	78.20	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	355701	119.03	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1825559	76.60	ng	0.00
78) Terphenyl-d14	15.41	244	1705411	77.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.89	88	182900	33.97	ng	# 89
3) Pyridine	2.33	79	471673	36.06	ng	99
4) n-Nitrosodimethylamine	2.29	42	270327	39.26	ng	94
6) Aniline	5.26	93	463157	25.81	ng	93
8) 2-Chlorophenol	5.42	128	475549	39.90	ng	94
9) Benzaldehyde	5.12	77	157721	17.29	ng	96
10) Phenol	5.29	94	712113	40.38	ng	86
11) bis(2-Chloroethyl)ether	5.37	93	481397	37.10	ng	95
12) 1,3-Dichlorobenzene	5.61	146	502289m	37.82	ng	
13) 1,4-Dichlorobenzene	5.72	146	512651	37.62	ng	97
14) 1,2-Dichlorobenzene	5.94	146	489878	38.74	ng	97
15) Benzyl Alcohol	5.95	79	477827	46.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	911274	37.98	ng	# 61
17) 2-Methylphenol	6.14	107	410566	42.34	ng	92
18) Hexachloroethane	6.41	117	184612	38.37	ng	# 88
19) n-Nitroso-di-n-propylamine	6.34	70	412502	40.59	ng	96
20) 3+4-Methylphenols	6.38	107	518777	40.63	ng	97
22) Acetophenone	6.32	105	690724	37.12	ng	# 98
24) Nitrobenzene	6.56	77	567516	36.12	ng	97
25) Isophorone	6.93	82	1045599	37.90	ng	98
26) 2-Nitrophenol	7.04	139	244355	39.17	ng	96
27) 2,4-Dimethylphenol	7.16	122	430677	39.46	ng	96
28) bis(2-Chloroethoxy)methane	7.29	93	633615	41.36	ng	99
29) 2,4-Dichlorophenol	7.45	162	412777	41.59	ng	99
30) 1,2,4-Trichlorobenzene	7.53	180	413655	37.73	ng	99
31) Naphthalene	7.63	128	1349714	38.42	ng	99
32) Benzoic acid	7.49	122	240128	35.19	ng	96
33) 4-Chloroaniline	7.78	127	250102	19.52	ng	94
34) Hexachlorobutadiene	7.84	225	244826	38.22	ng	98
35) Caprolactam	8.38	113	129928m	43.62	ng	
36) 4-Chloro-3-methylphenol	8.62	107	454447	40.76	ng	93
37) 2-Methylnaphthalene	8.73	142	900230	40.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	400803	36.40	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	174761	71.54	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	249359	38.05	nq	99
43) 2,4,5-Trichlorophenol	9.31	196	262135	40.41	nq	# 90
45) 1,1'-Biphenyl	9.49	154	1067764	36.62	nq	99
46) 2-Chloronaphthalene	9.50	162	829370	37.68	nq	95
47) 2-Nitroaniline	9.72	65	322573	40.63	nq	94
48) Acenaphthylene	10.16	152	1359685	37.46	nq	100
49) Dimethylphthalate	10.04	163	1021996	38.28	nq	99
50) 2,6-Dinitrotoluene	10.13	165	219956	39.90	nq	93
51) Acenaphthene	10.44	154	788867	37.96	nq	99
52) 3-Nitroaniline	10.41	138	143729	24.53	nq	82
53) 2,4-Dinitrophenol	10.60	184	205345	75.60	nq	99
54) Dibenzofuran	10.73	168	1205522	41.83	nq	96
55) 4-Nitrophenol	10.80	139	221882	86.01	nq	# 72
56) 2,4-Dinitrotoluene	10.80	165	302931	41.43	nq	# 86
57) Fluorene	11.28	166	974614	38.75	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.97	232	228548	43.81	nq	# 100
59) Diethylphthalate	11.18	149	999549	38.50	nq	98
60) 4-Chlorophenyl-phenylether	11.31	204	458491	38.29	nq	89
61) 4-Nitroaniline	11.41	138	210567	39.56	nq	97
62) Azobenzene	11.56	77	1240420	43.41	nq	97
64) 4,6-Dinitro-2-methylphenol	11.46	198	158033	37.67	nq	95
65) n-Nitrosodiphenylamine	11.52	169	831322	40.43	nq	98
66) 4-Bromophenyl-phenylether	12.09	248	266140	38.30	nq	97
67) Hexachlorobenzene	12.17	284	285183	38.68	nq	94
68) Atrazine	12.44	200	259990	42.50	nq	98
69) Pentachlorophenol	12.53	266	176862	87.11	nq	100
70) Phenanthrene	12.82	178	1398958	39.08	nq	98
71) Anthracene	12.91	178	1449157	39.08	nq	99
72) Carbazole	13.21	167	1264593	39.77	nq	98
73) Di-n-butylphthalate	13.84	149	1600307	40.01	nq	99
74) Fluoranthene	14.75	202	1446514	39.50	nq	99
76) Benzidine	15.03	184	406312	25.33	nq	97
77) Pyrene	15.11	202	1481321	39.89	nq	98
79) Butylbenzylphthalate	16.24	149	671015	40.71	nq	88
80) Benzo(a)anthracene	16.98	228	1153039	38.20	nq	99
81) 3,3'-Dichlorobenzidine	16.97	252	282892	27.74	nq	98
82) Chrysene	17.03	228	1154784	38.16	nq	100
83) Bis(2-ethylhexyl)phthalate	17.09	149	927548	40.55	nq	99
84) Di-n-octyl phthalate	17.86	149	1444604	41.33	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.86	276	757553	37.09	nq	# 100
87) Benzo(b)fluoranthene	18.25	252	1150098m	52.14	nq	
88) Benzo(k)fluoranthene	18.28	252	743843m	30.60	nq	
89) Benzo(a)pyrene	18.58	252	859711	39.94	nq	# 95
90) Dibenzo(a,h)anthracene	19.86	278	655685	39.84	nq	97
91) Benzo(g,h,i)perylene	20.23	276	627387	39.10	nq	94

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

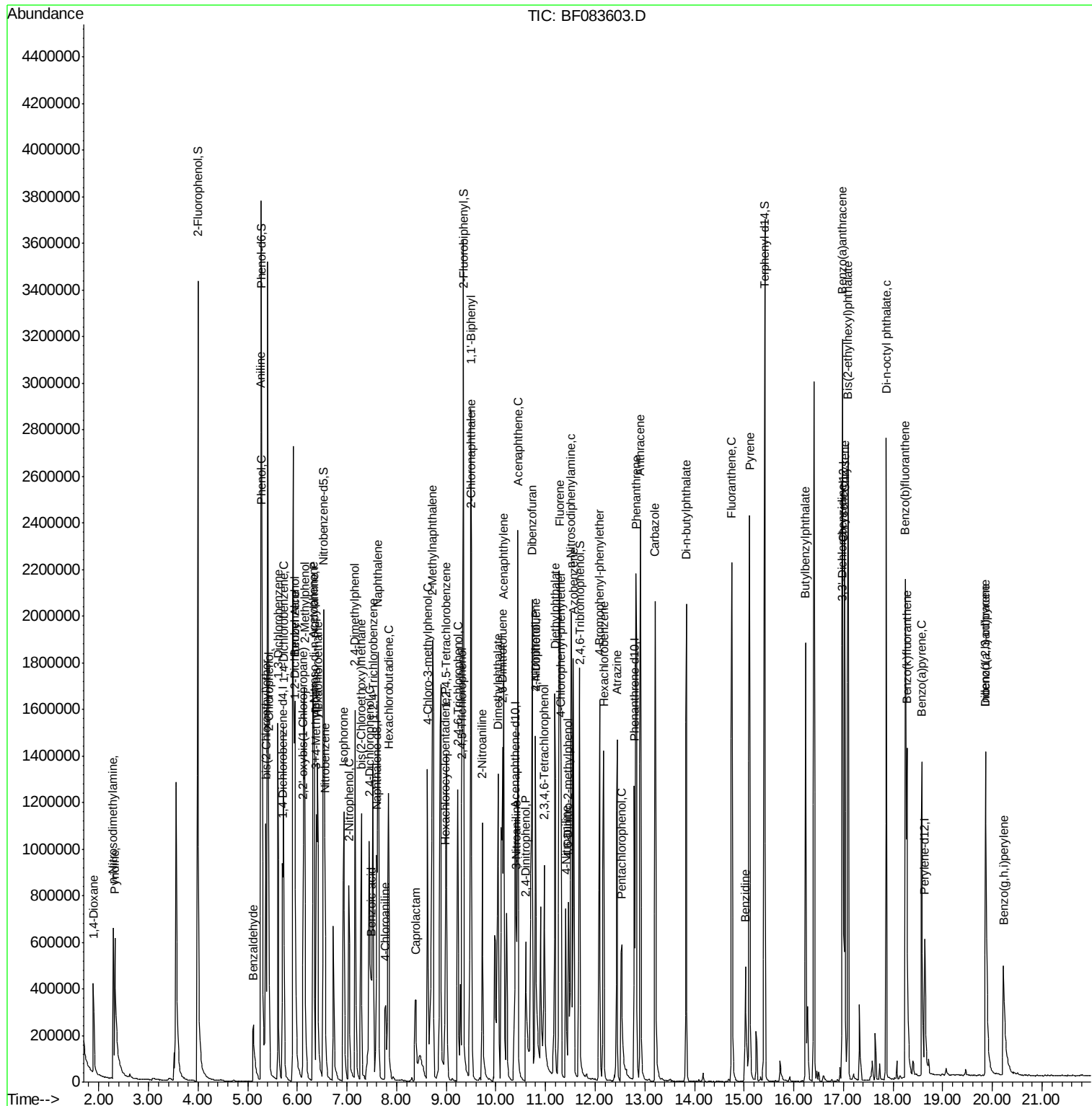
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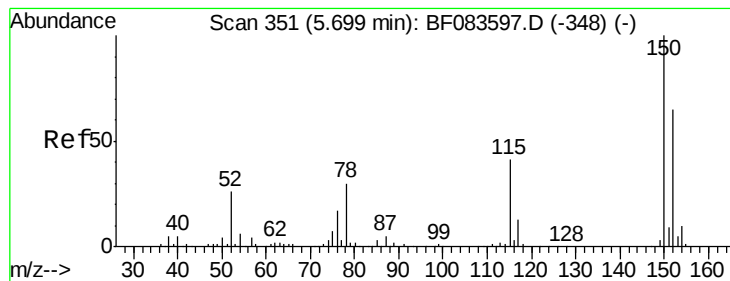
Instrument :
BNA_F
ClientSampled :
PB86955BS

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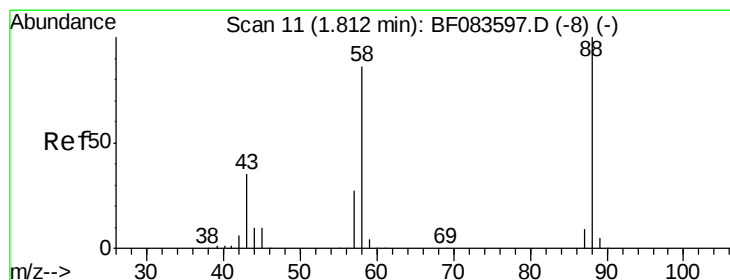
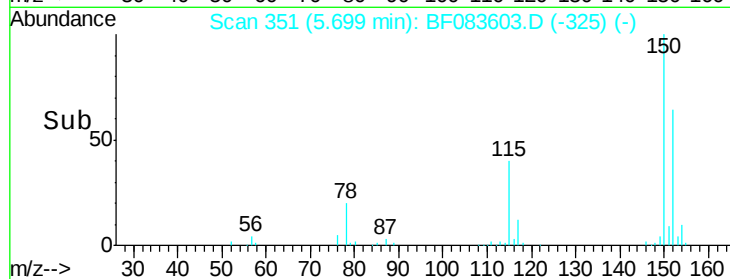
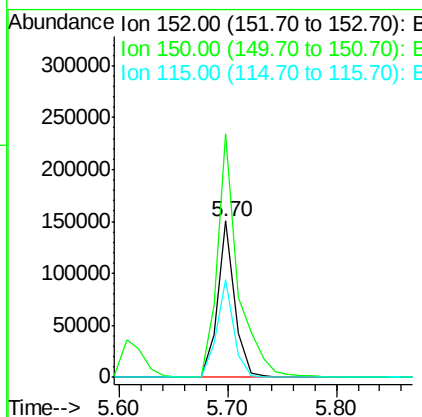
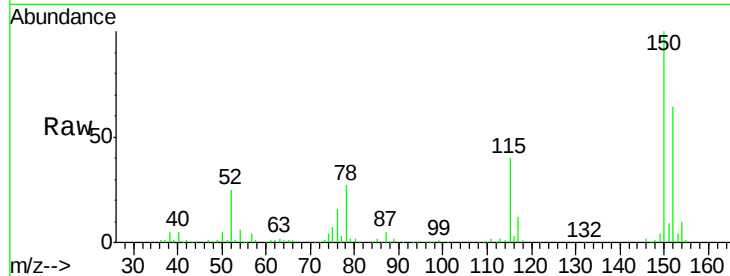
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.70 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.5	189.7
115	62.4	52.3	78.5

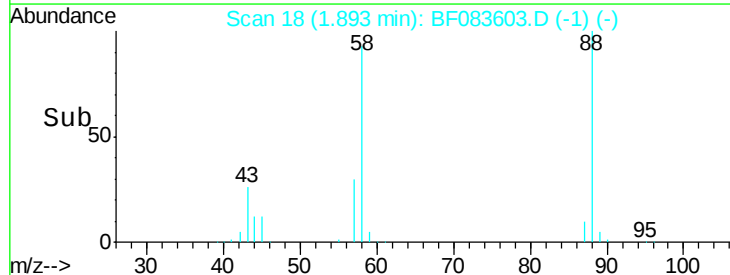
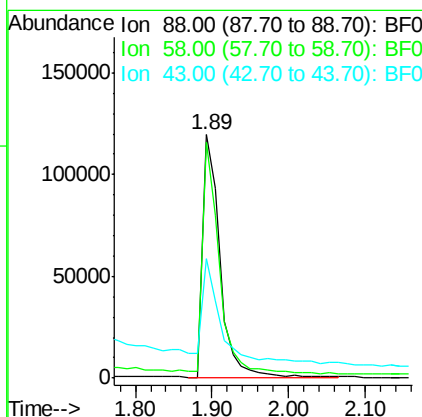
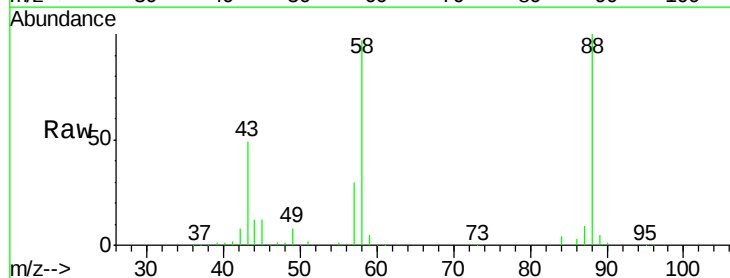
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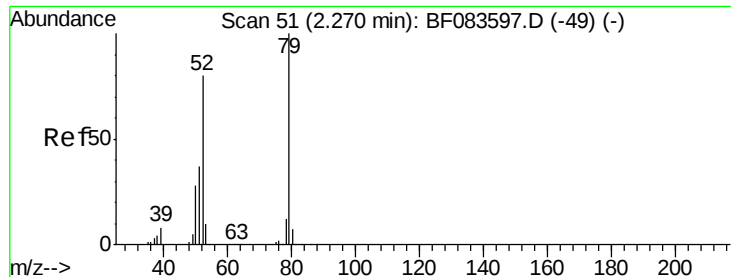
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#2
 1,4-Dioxane
 Concen: 33.97 ng
 RT: 1.89 min Scan# 18
 Delta R.T. 0.08 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.9	68.0	102.0
43	45.2	27.9	41.9#





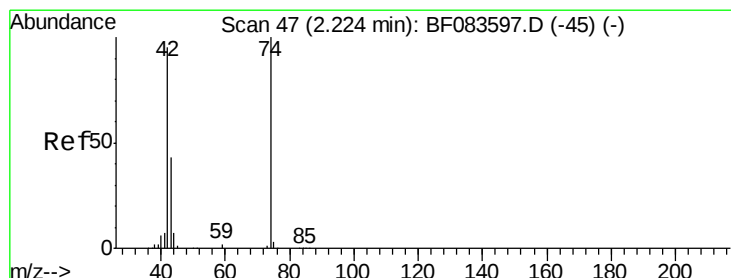
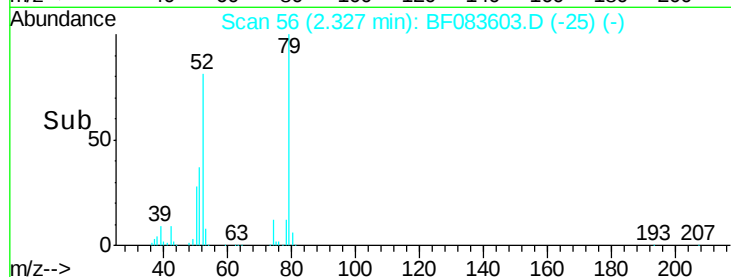
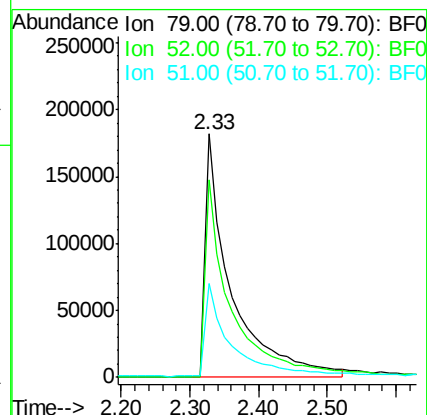
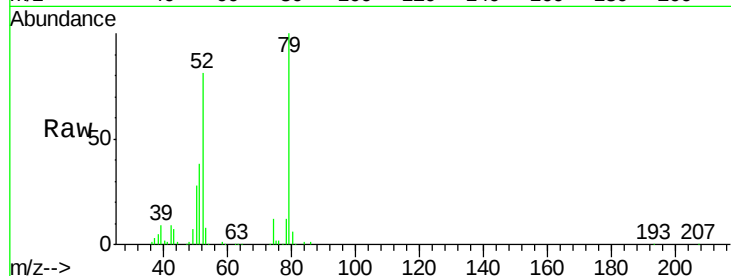
#3
 Pvridine
 Concen: 36.06 ng
 RT: 2.33 min Scan# 56
 Delta R.T. 0.06 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
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 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	81.0	63.7	95.5	
51	38.4	30.6	45.8	

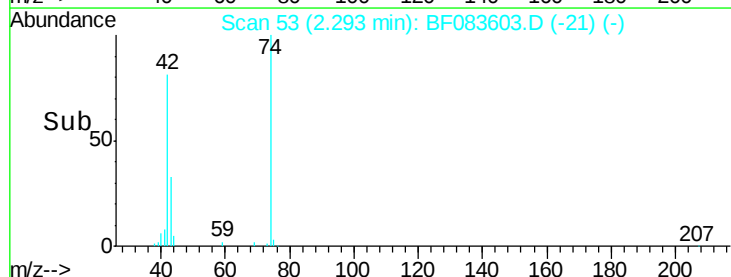
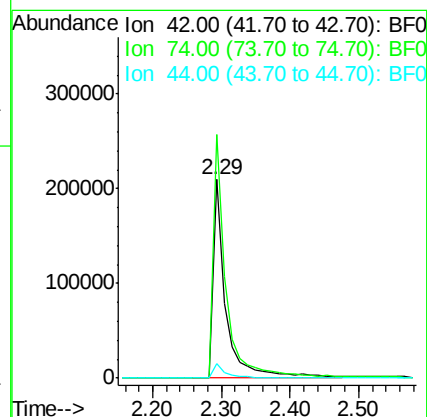
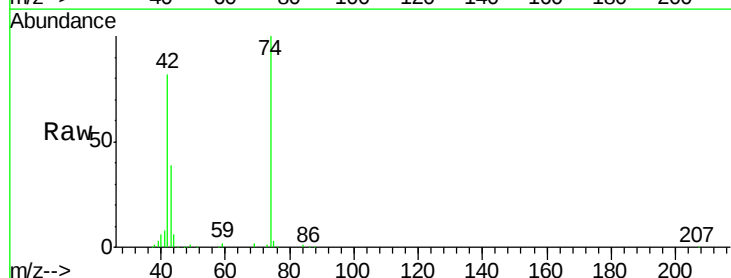
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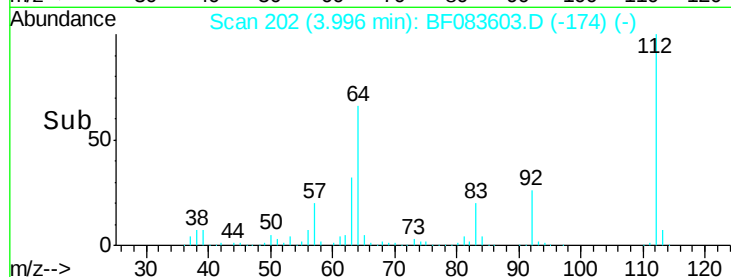
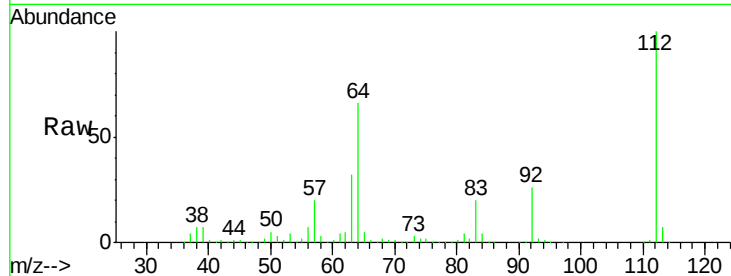
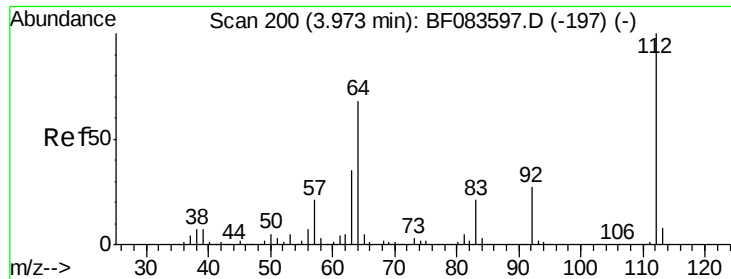
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#4
 n-Nitrosodimethylamine
 Concen: 39.26 ng
 RT: 2.29 min Scan# 53
 Delta R.T. 0.07 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	122.6	92.9	139.3	
44	7.4	5.7	8.5	





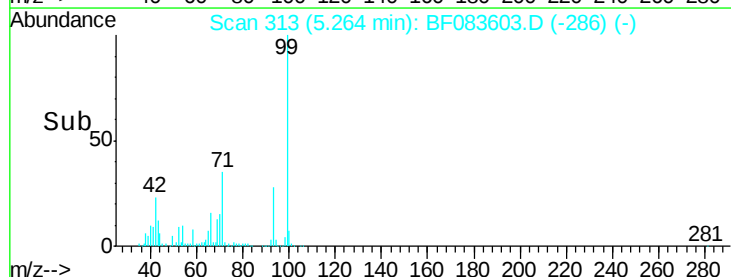
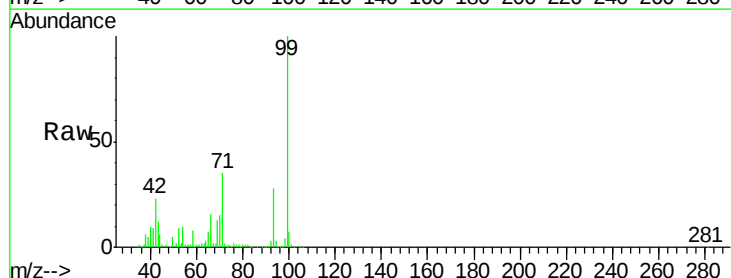
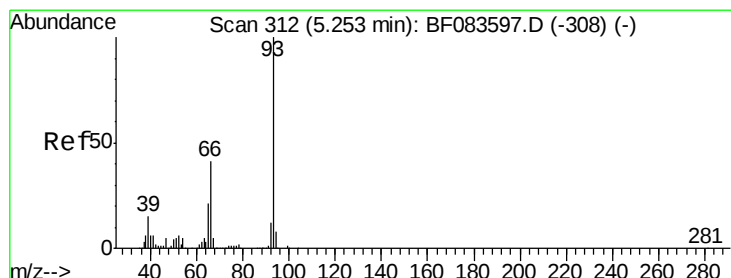
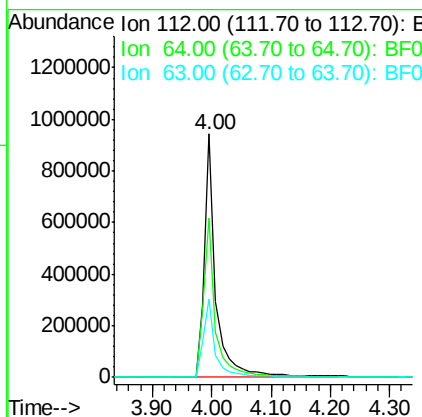
#5
2-Fluorophenol
Concen: 121.58 ng
RT: 4.00 min Scan# 202
Delta R.T. 0.02 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.6	50.5	75.7
63	32.5	25.8	38.6

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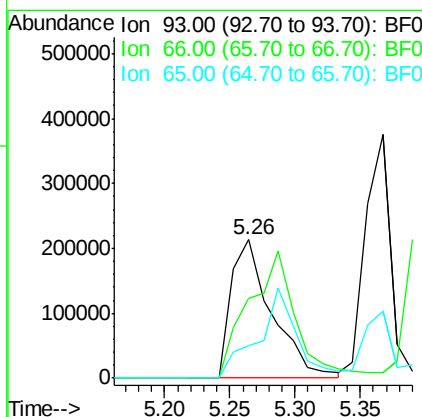
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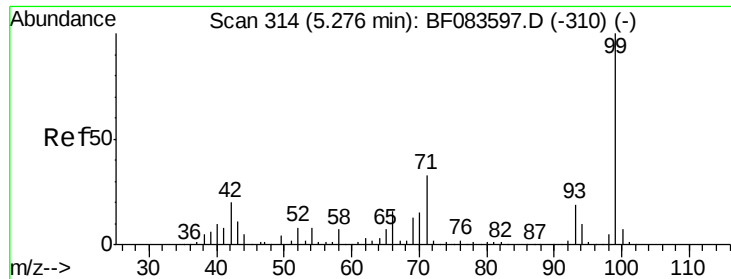
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#6
Aniline
Concen: 25.81 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
93	100		
66	57.6	41.3	61.9
65	23.8	20.8	31.2





#7

Phenol-d6

Concen: 115.01 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB86955BS

Tot Ion: 99 Resp: 1674595

Ion Ratio Lower Upper

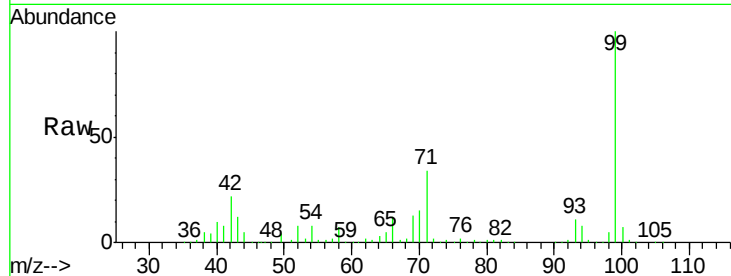
99 100

42 21.6 17.3 25.9

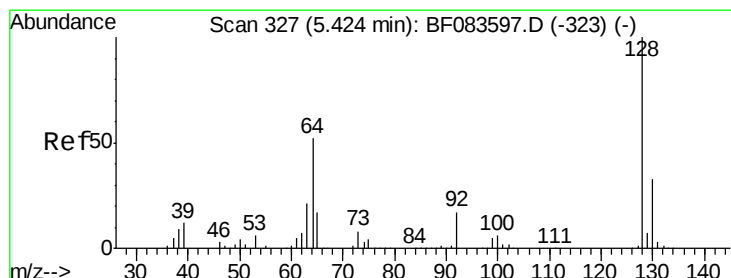
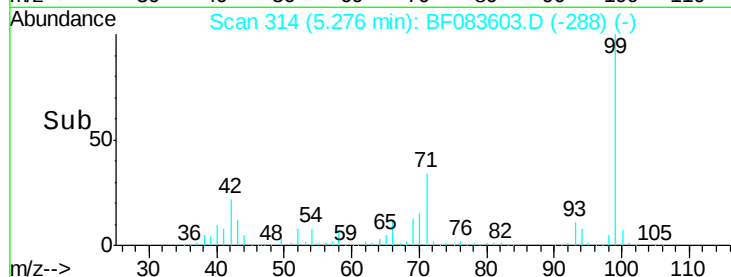
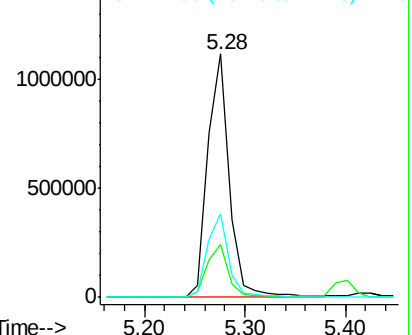
71 34.4 26.6 40.0

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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: 39.90 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083603.D

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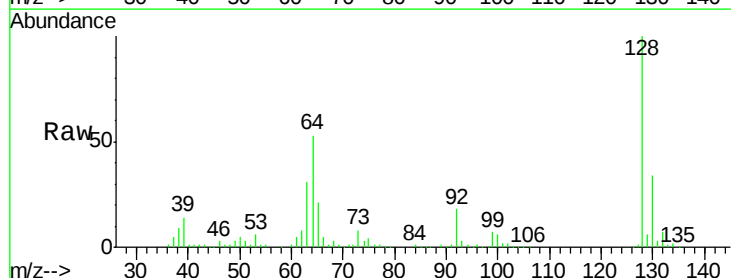
Tgt Ion: 128 Resp: 475549

Ion Ratio Lower Upper

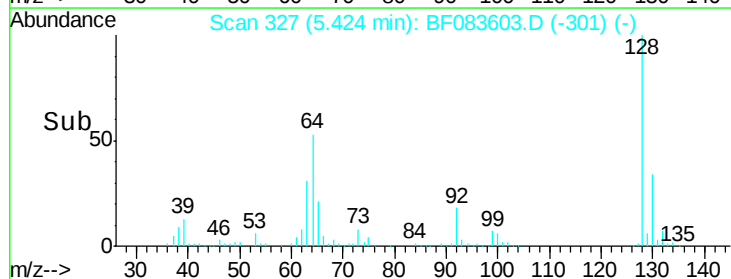
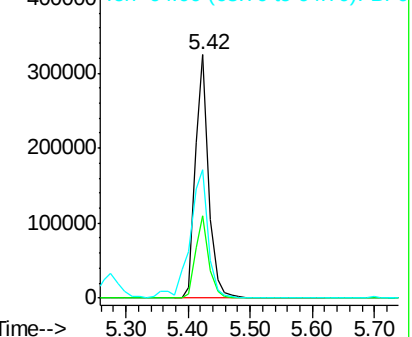
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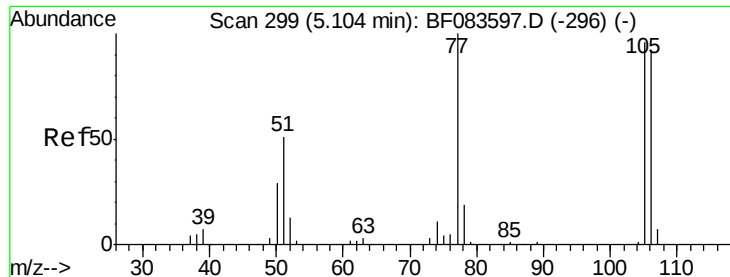
130 33.8 12.6 52.6

64 52.9 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





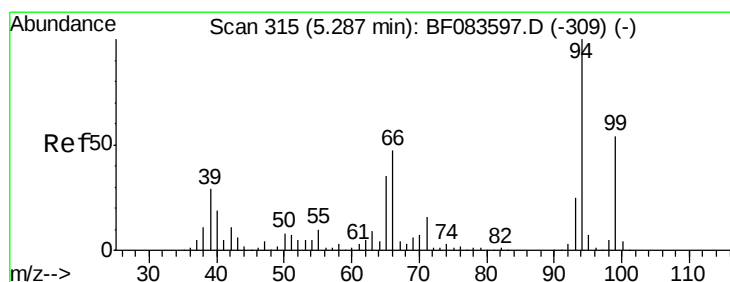
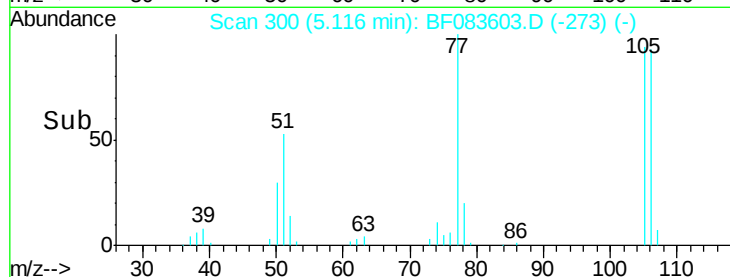
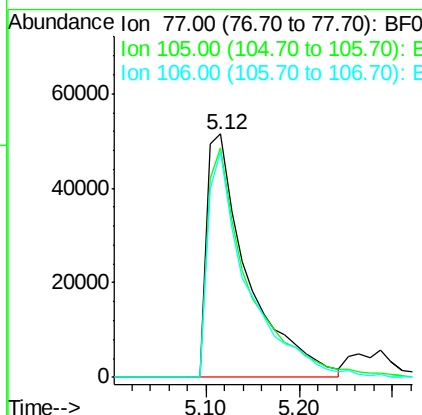
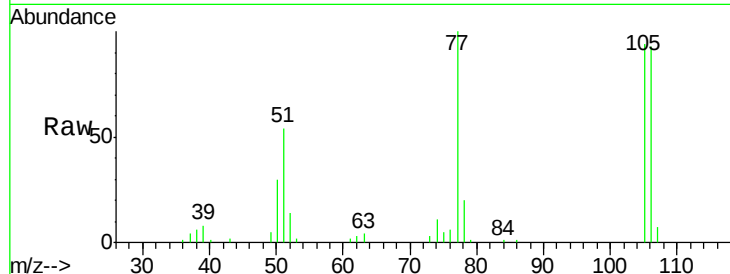
#9
Benzaldehyde
Concen: 17.29 ng
RT: 5.12 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF083603.D
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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	94.2	71.8	111.8	
106	92.8	66.8	106.8	

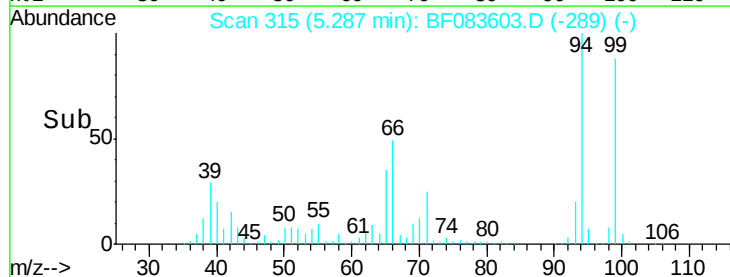
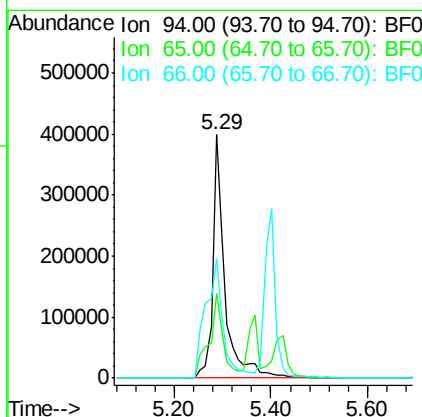
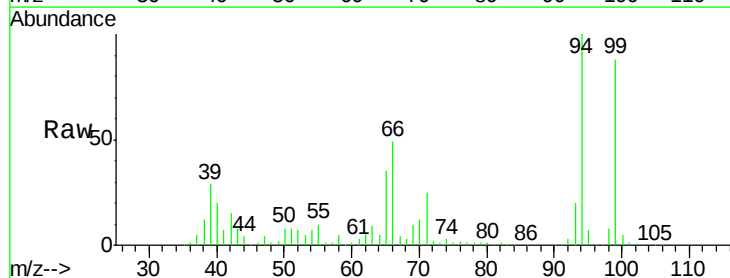
Manual Integrations
APPROVED

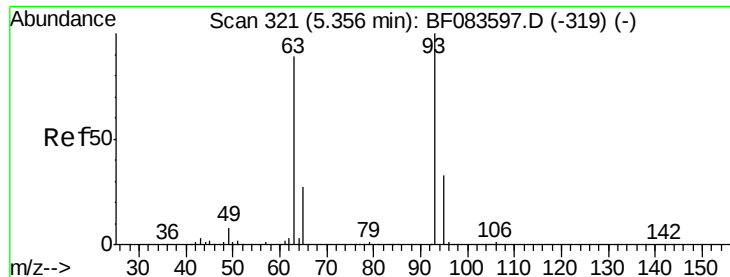
Mmdadoda
12/9/2015 6:13:22 PM



#10
Phenol
Concen: 40.38 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	34.9	20.9	60.9	
66	49.0	41.6	81.6	





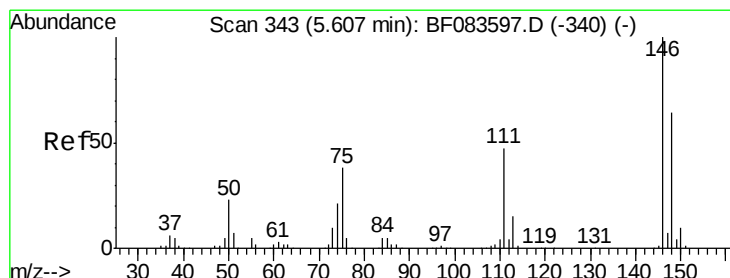
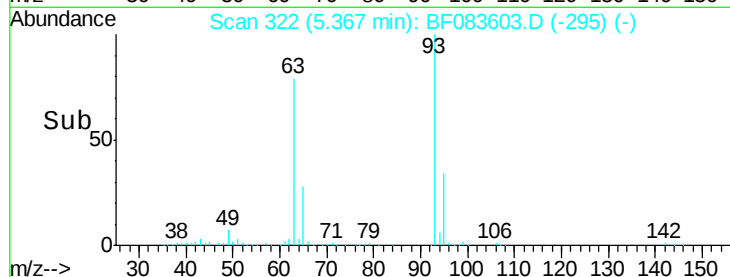
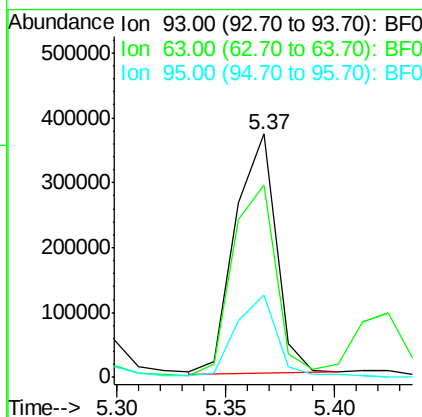
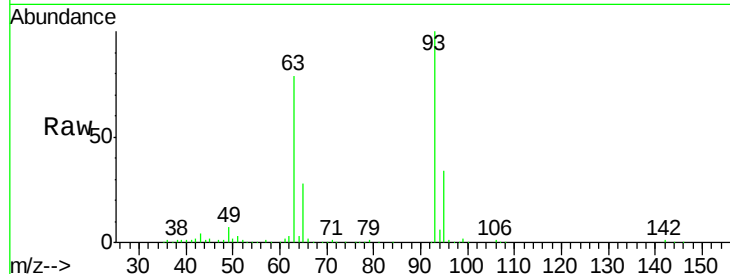
#11
bis(2-Chloroethyl)ether
Concen: 37.10 ng
RT: 5.37 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion:	93	Resp:	481397
Ion Ratio	Lower	Upper	
93	100		
63	79.2	64.7	104.7
95	33.8	12.7	52.7

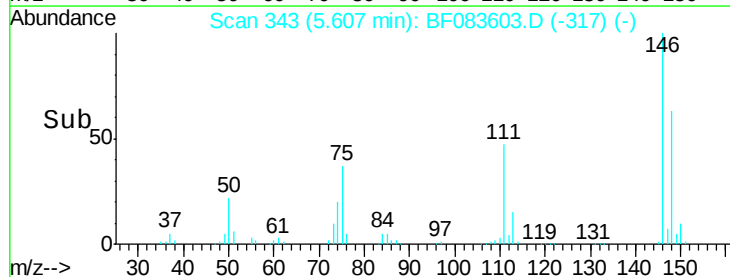
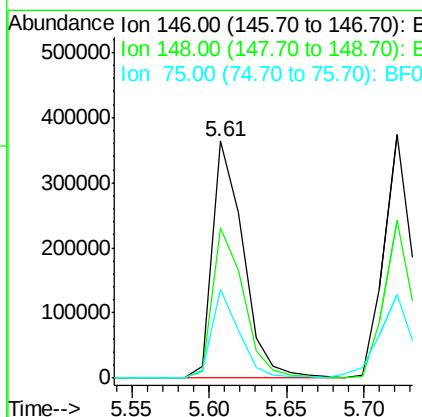
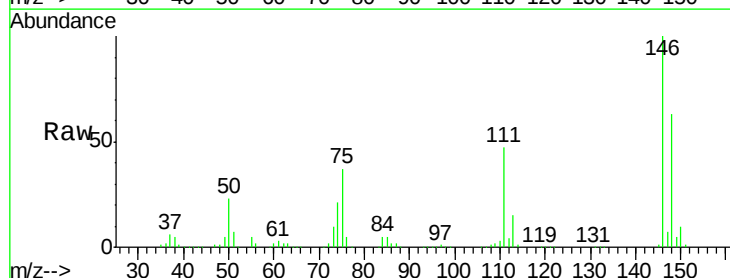
Manual Integrations
APPROVED

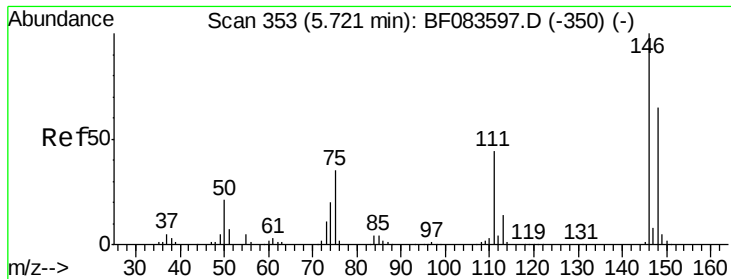
Mmdadoda
12/9/2015 6:13:22 PM



#12
1,3-Dichlorobenzene
Concen: 37.82 ng m
RT: 5.61 min Scan# 343
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion:	146	Resp:	502289
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.3	76.9
75	37.3	24.1	36.1#





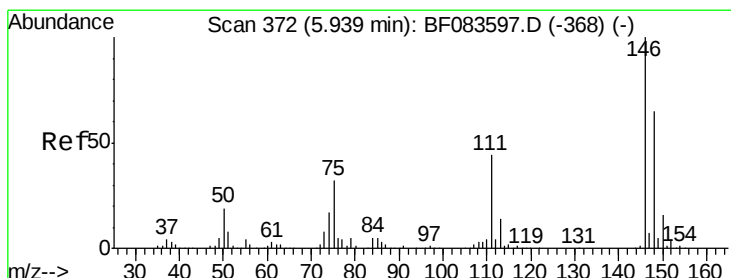
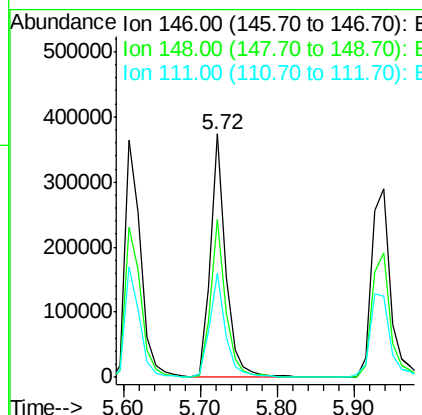
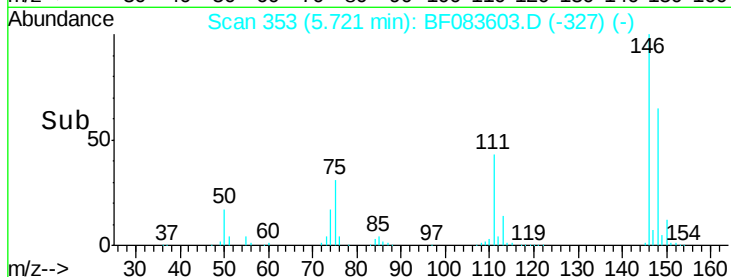
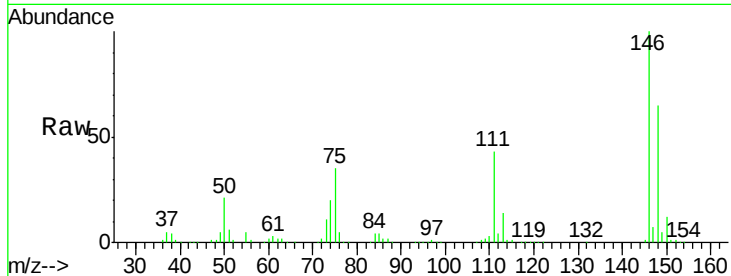
#13
 1,4-Dichlorobenzene
 Concen: 37.62 ng
 RT: 5.72 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	42.6	36.1	54.1

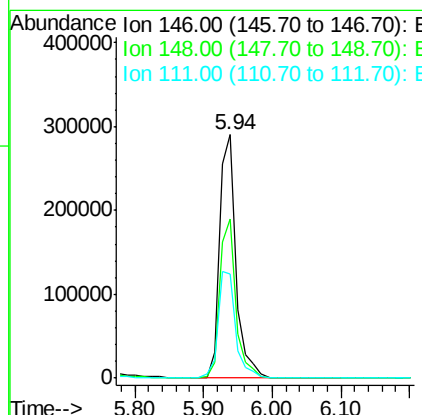
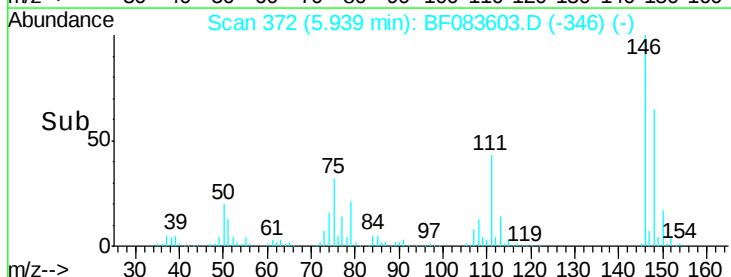
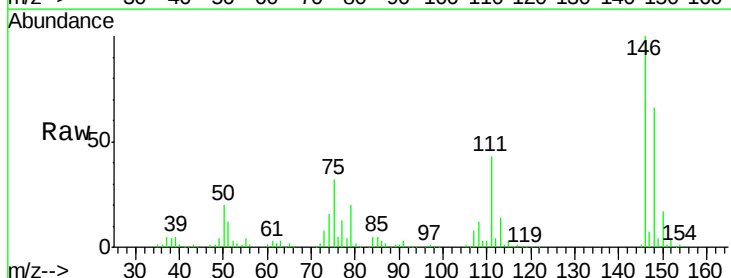
Manual Integrations
 APPROVED

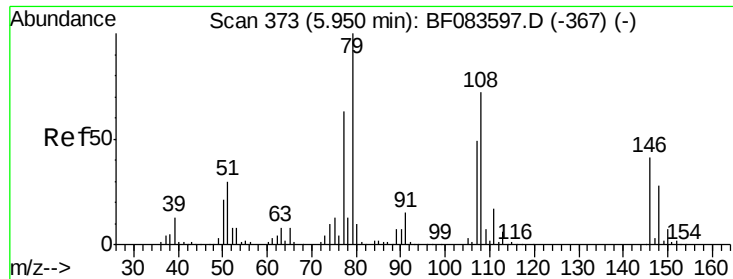
Mmdadoda
 12/9/2015 6:13:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.74 ng
 RT: 5.94 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
111	43.0	36.7	55.1





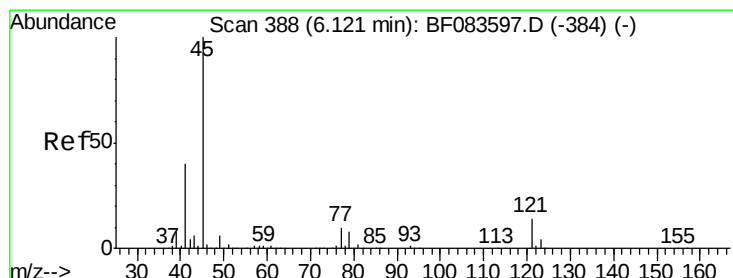
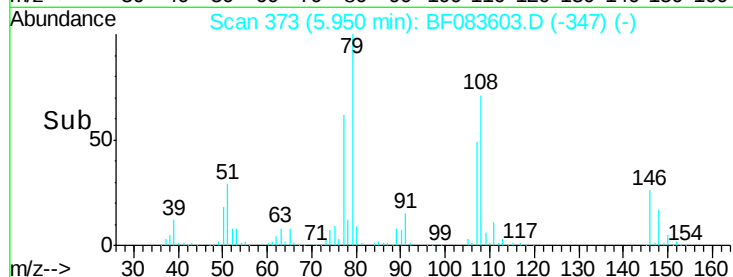
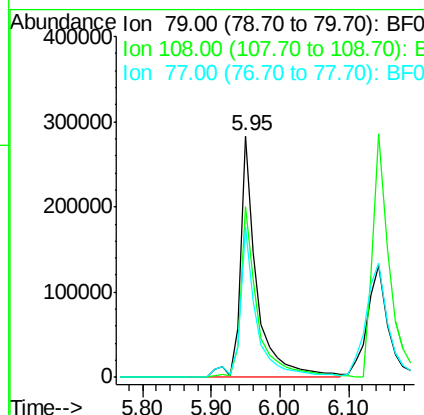
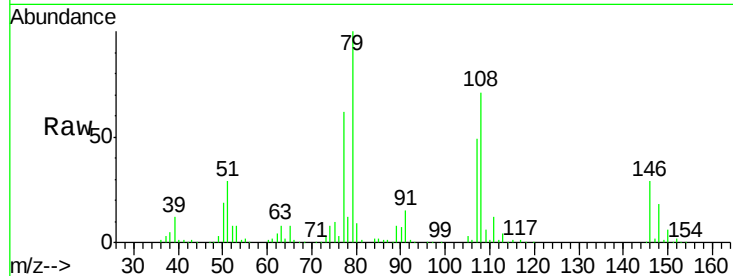
#15
Benzyl Alcohol
Concen: 46.12 ng
RT: 5.95 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.9	59.6	89.4
77	62.3	49.8	74.6

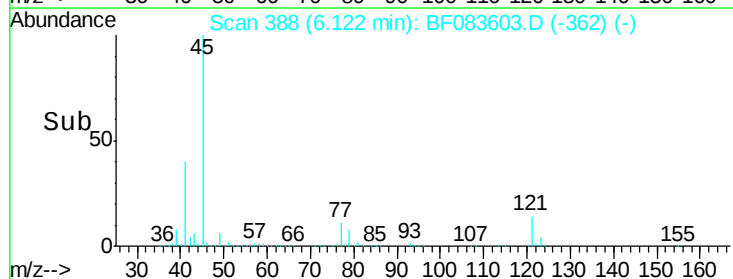
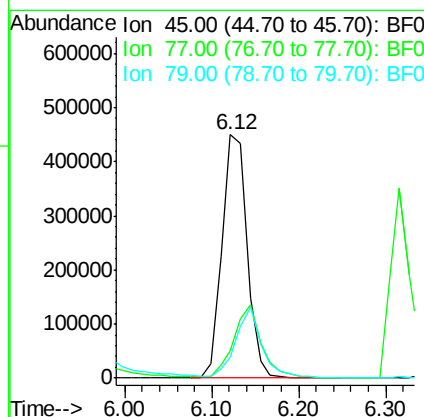
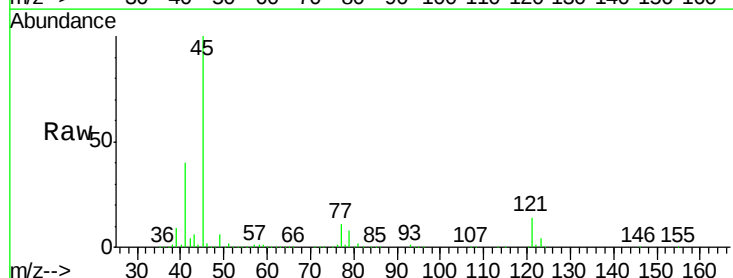
Manual Integrations
APPROVED

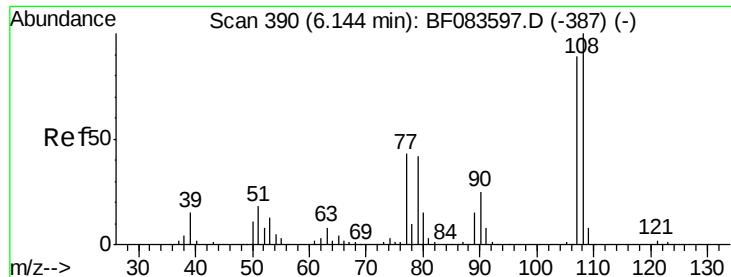
Mmdadoda
12/9/2015 6:13:22 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.98 ng
RT: 6.12 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	12.8	52.8#
79	8.5	10.7	50.7#





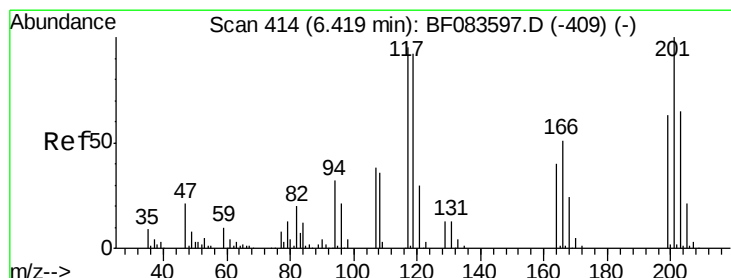
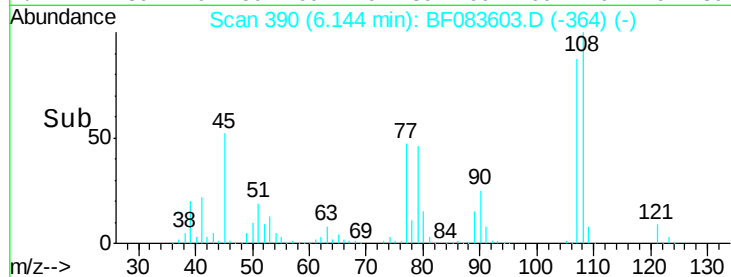
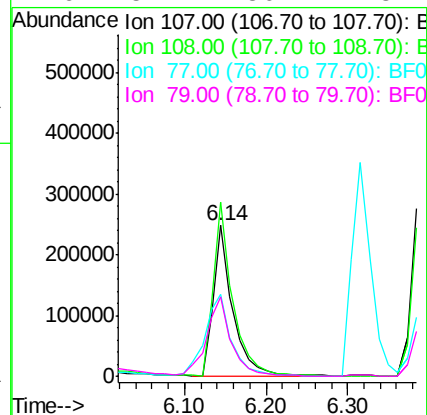
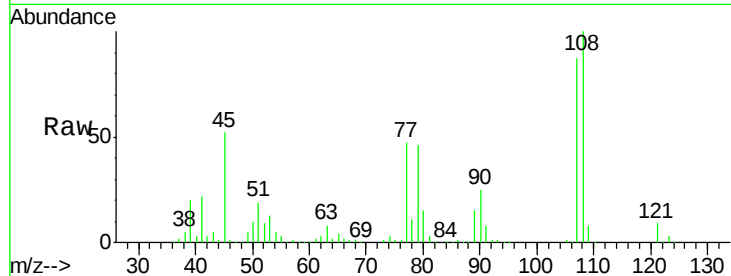
#17
2-Methylphenol
Concen: 42.34 ng
RT: 6.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.0	91.6	137.4	
77	77	54.2	53.7	80.5	
79	79	52.7	50.2	75.4	

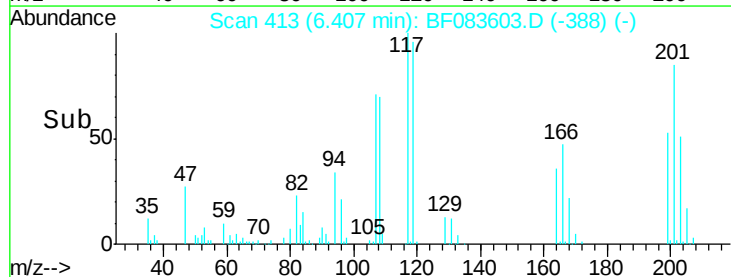
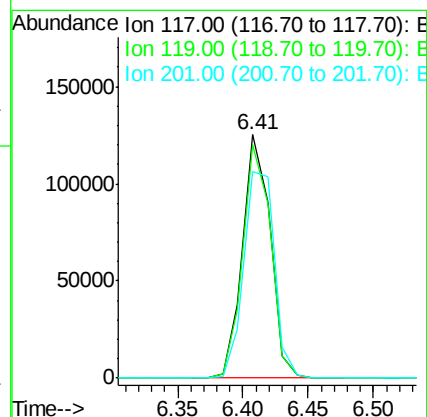
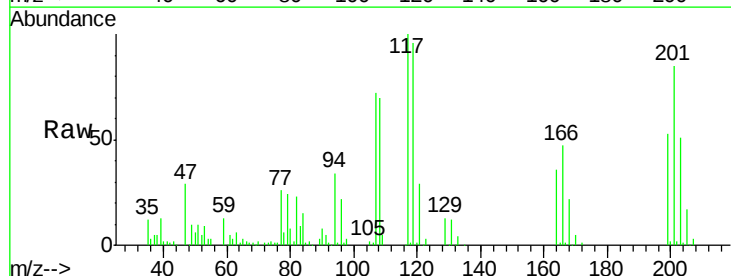
Manual Integrations
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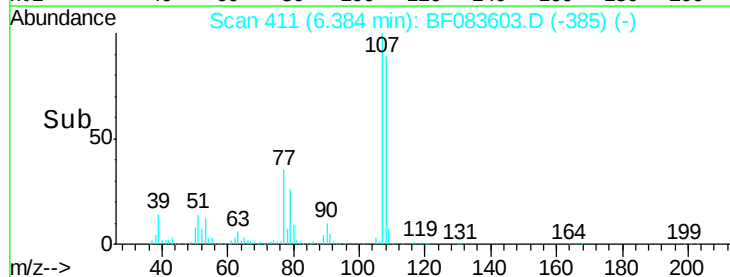
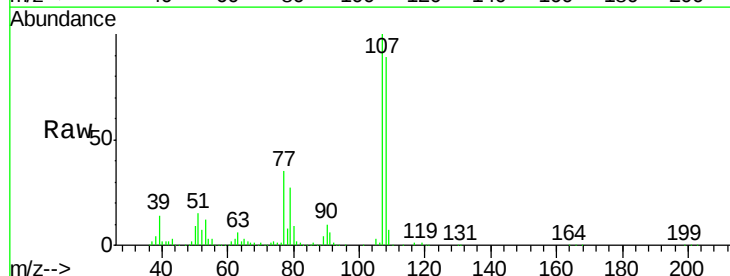
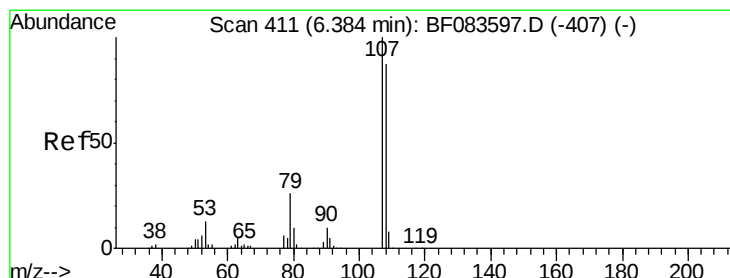
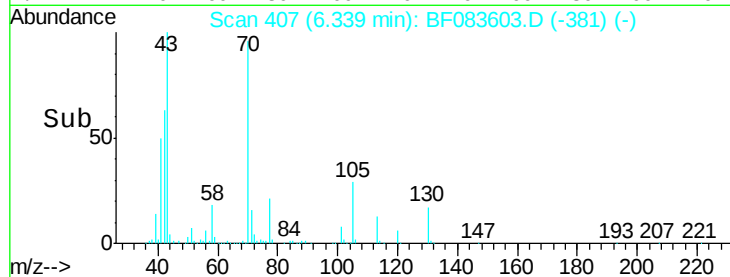
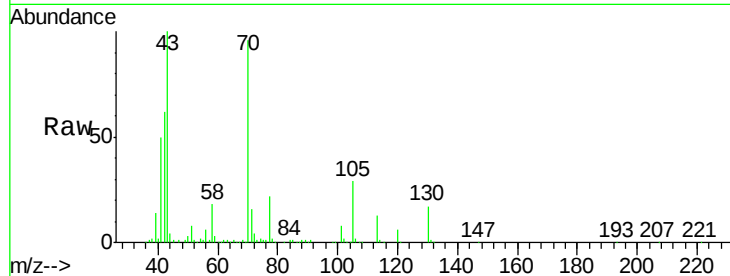
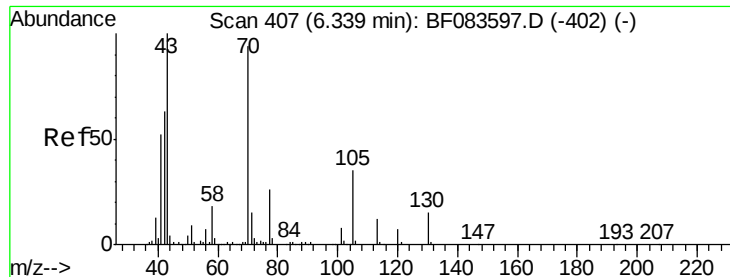
Mmdadoda
12/9/2015 6:13:22 PM



#18
Hexachloroethane
Concen: 38.37 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

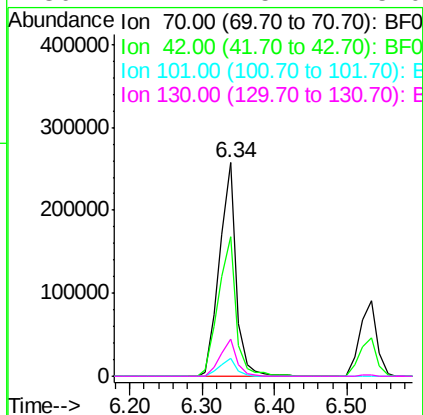
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.8	77.2	115.8	
201	201	85.0	86.8	130.2#	





#19
n-Nitroso-di-n-propylamine
Concen: 40.59 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	49.2	73.8
101	8.5	7.1	10.7
130	17.4	15.4	23.0



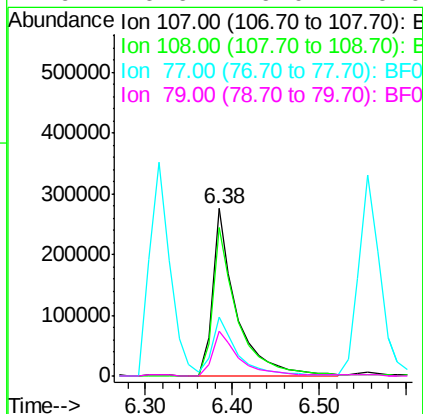
Instrument :
BNA_F
ClientSampleId :
PB86955BS

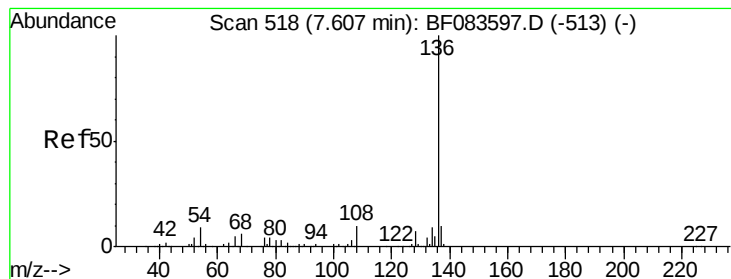
Manual Integrations
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12/9/2015 6:13:22 PM

#20
3+4-Methylphenols
Concen: 40.63 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	65.2	105.2
77	35.4	15.2	55.2
79	26.6	6.0	46.0





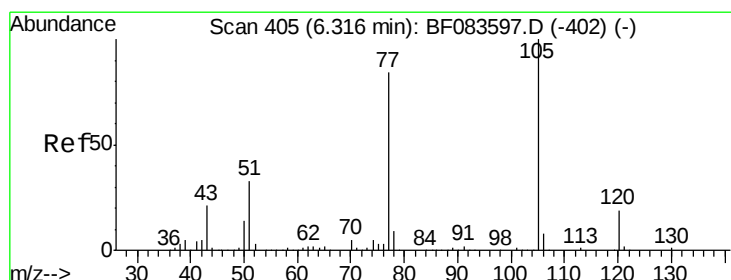
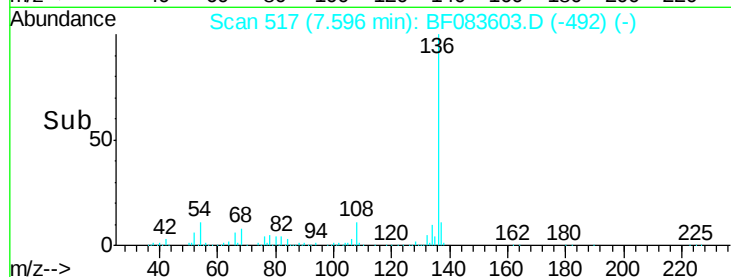
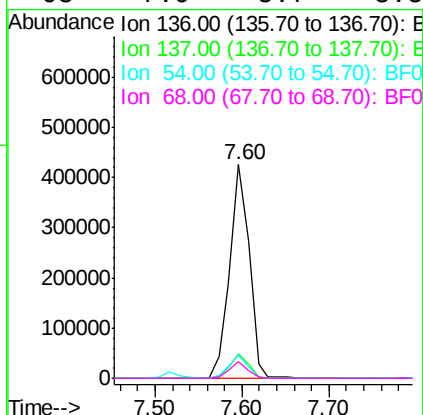
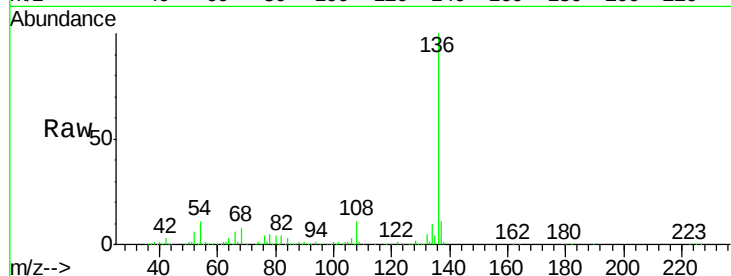
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		663322		
137	11.1	8.7	13.1		
54	10.9	7.8	11.6		
68	7.9	5.7	8.5		

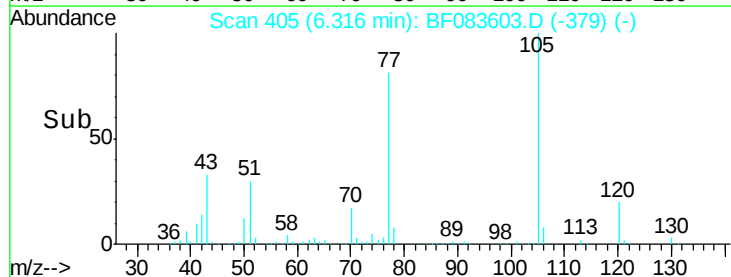
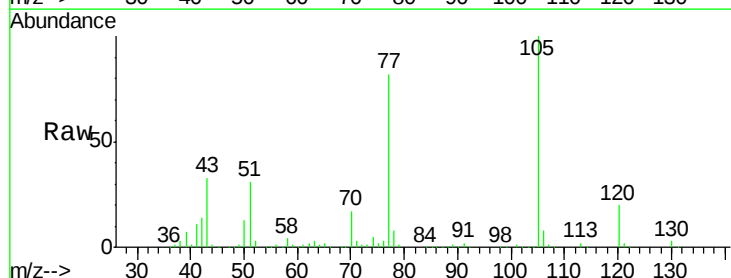
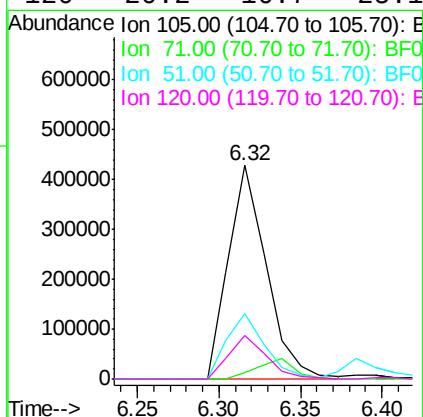
Manual Integrations
APPROVED

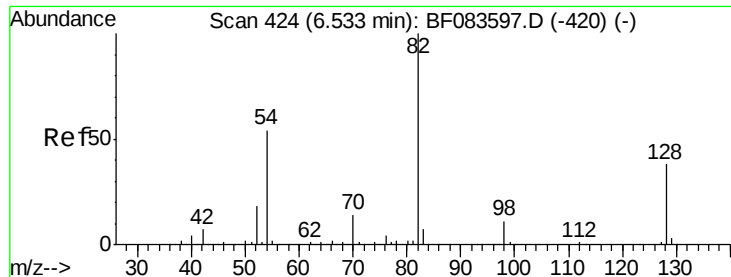
Mmdadoda
12/9/2015 6:13:22 PM



#22
Acetophenone
Concen: 37.12 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		690724		
71	2.9	1.3	1.9#		
51	30.8	23.8	35.8		
120	20.2	16.7	25.1		





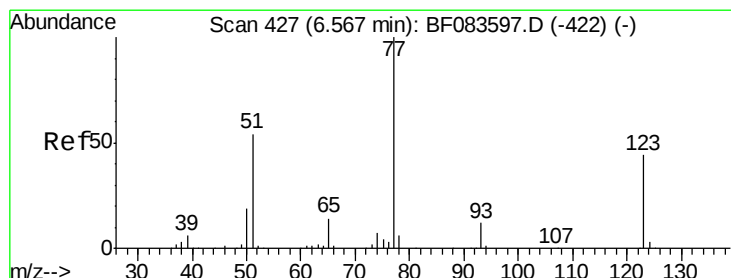
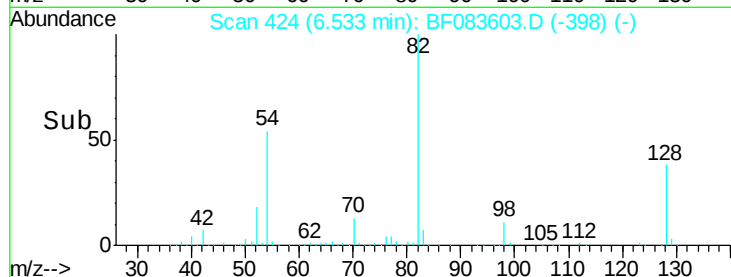
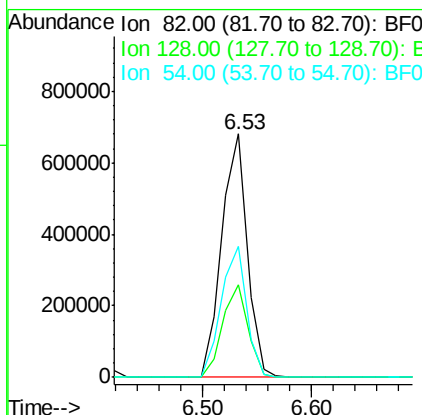
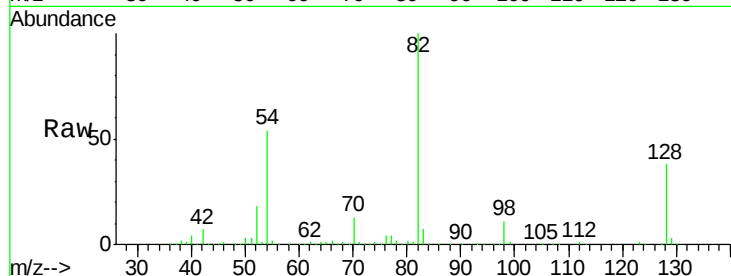
#23
 Nitrobenzene-d5
 Concen: 78.20 ng
 RT: 6.53 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	82	Resp	1111627
Ion Ratio	100	Lower	Upper
128	38.0	30.7	46.1
54	53.9	42.5	63.7

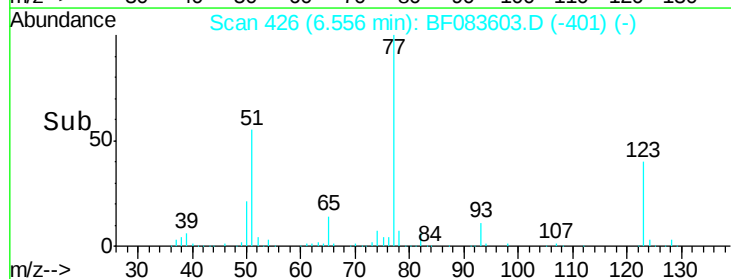
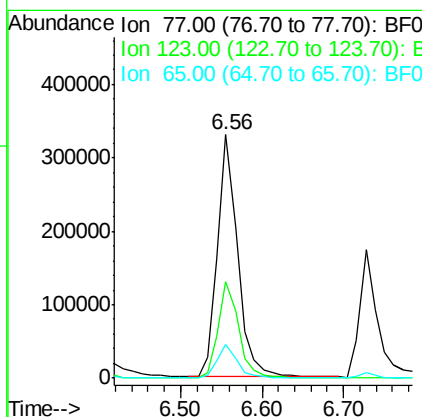
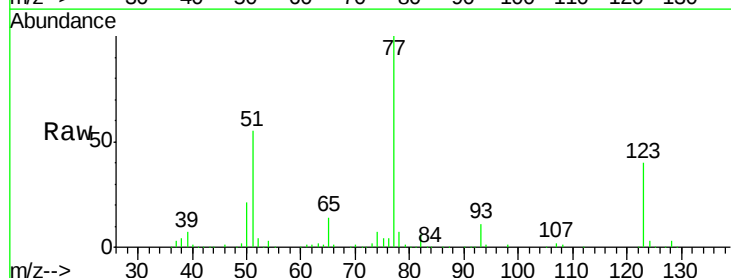
Manual Integrations
 APPROVED

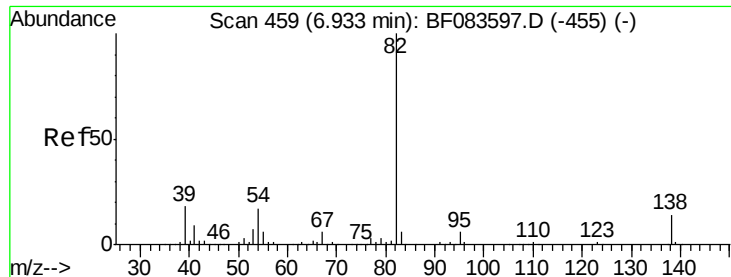
Mmdadoda
 12/9/2015 6:13:22 PM



#24
 Nitrobenzene
 Concen: 36.12 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	77	Resp	567516
Ion Ratio	100	Lower	Upper
123	39.6	29.8	44.6
65	13.6	11.1	16.7





#25

Isophorone

Concen: 37.90 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB86955BS

Tot Ion: 82 Resp: 1045599

Ion Ratio Lower Upper

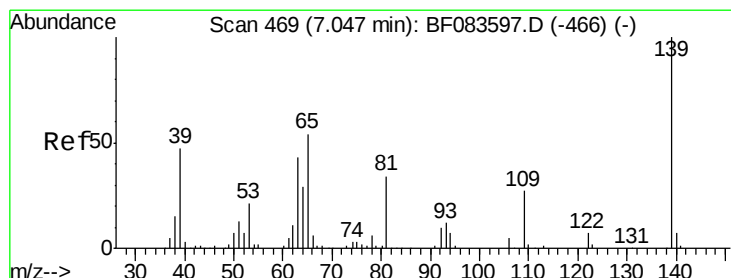
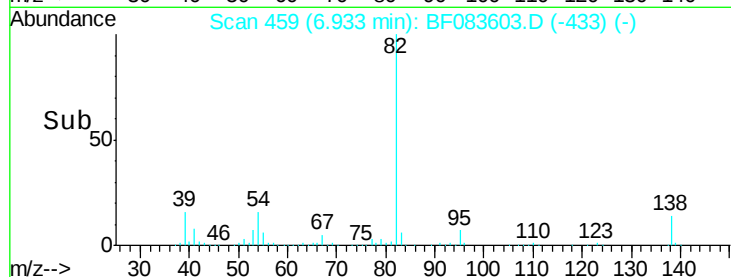
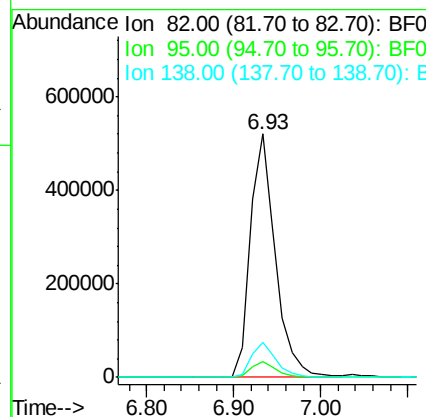
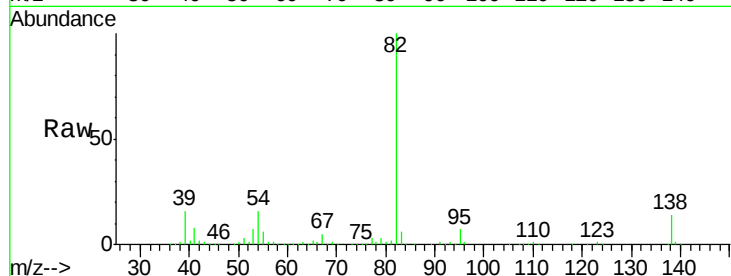
82 100

95 6.5 5.0 7.4

138 14.2 12.1 18.1

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:22 PM



#26

2-Nitrophenol

Concen: 39.17 ng

RT: 7.04 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

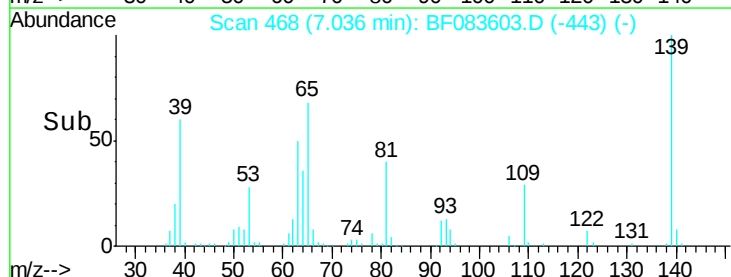
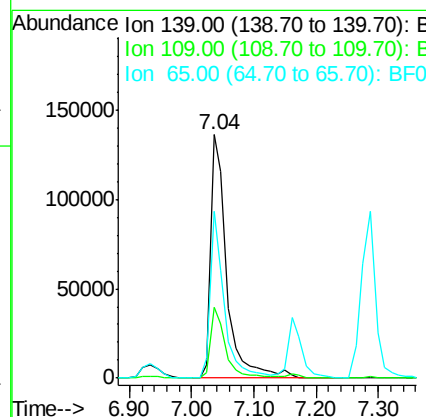
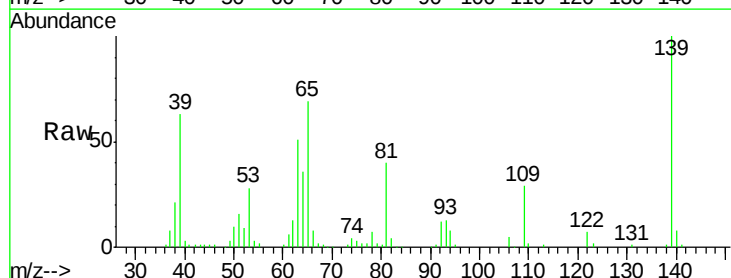
Tgt Ion: 139 Resp: 244355

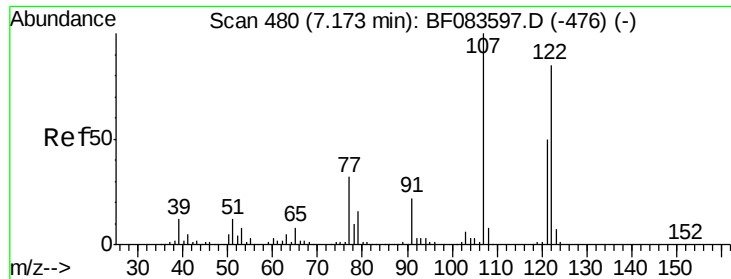
Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

65 68.7 51.8 77.8





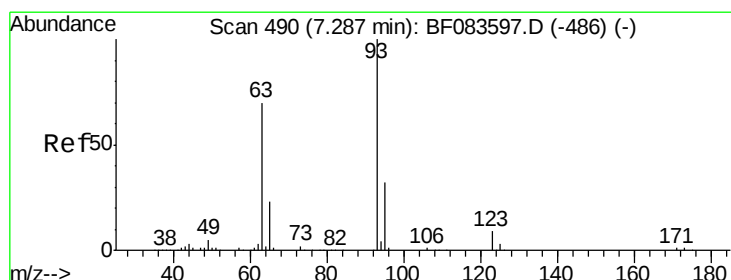
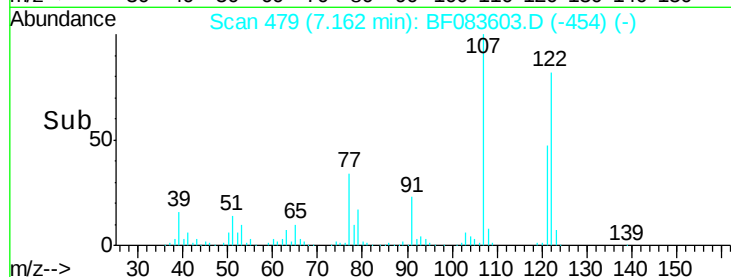
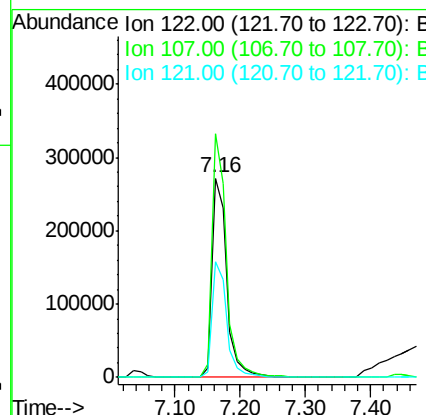
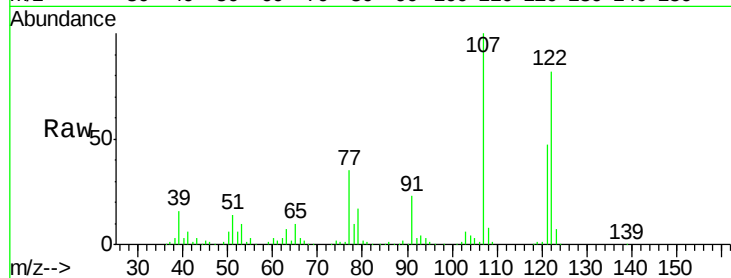
#27
 2,4-Dimethylphenol
 Concen: 39.46 ng
 RT: 7.16 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	430677		
107	122.3	92.4	138.6	
121	57.8	45.8	68.6	

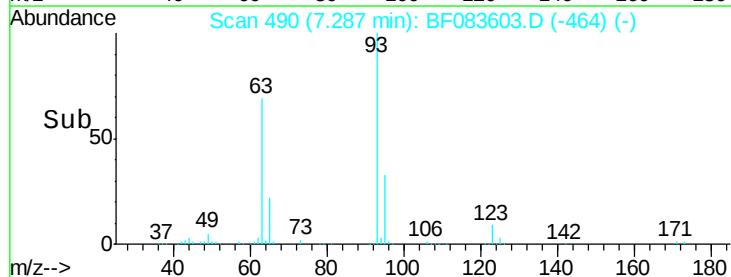
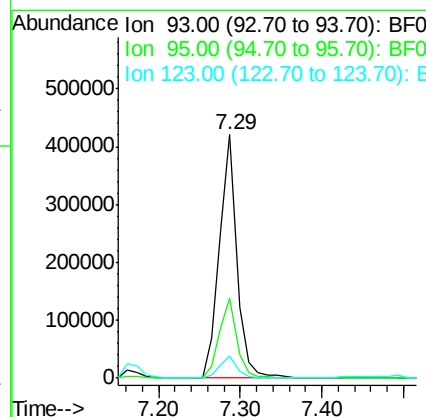
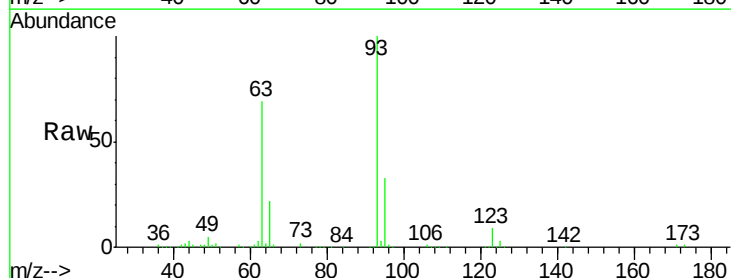
Manual Integrations
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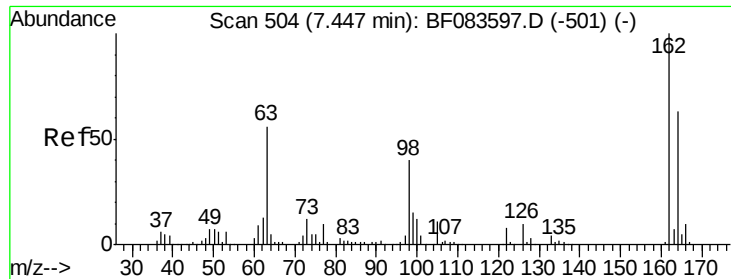
Mmdadoda
 12/9/2015 6:13:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.36 ng
 RT: 7.29 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	633615		
95	33.0	25.6	38.4	
123	9.3	7.3	10.9	





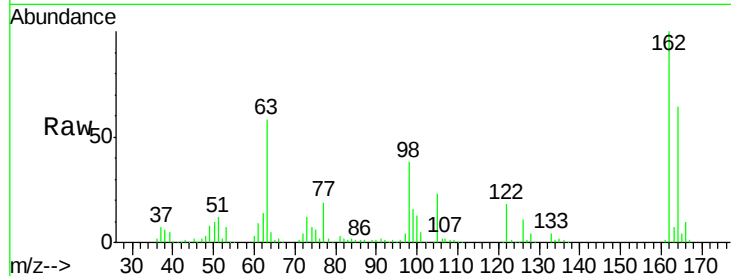
#29
 2,4-Dichlorophenol
 Concen: 41.59 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleID :
 PB86955BS

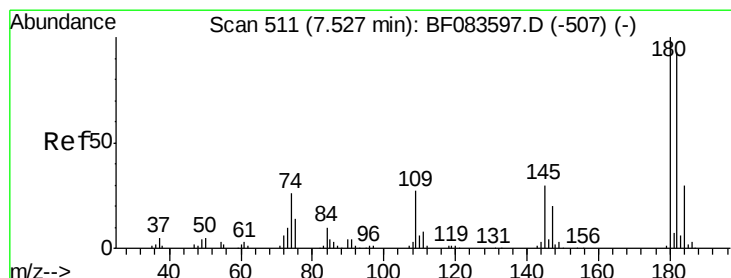
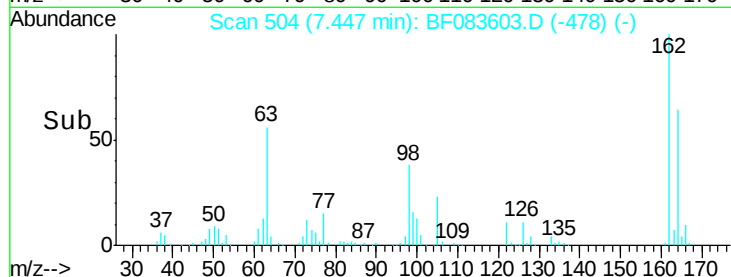
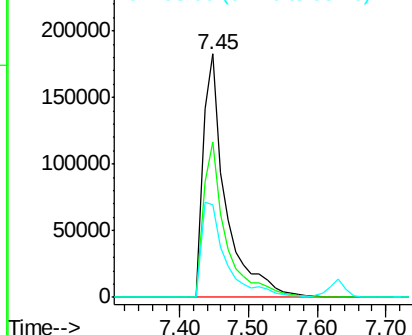
Tot Ion:	162	Resp:	412777
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.4	83.4
98	38.1	17.5	57.5

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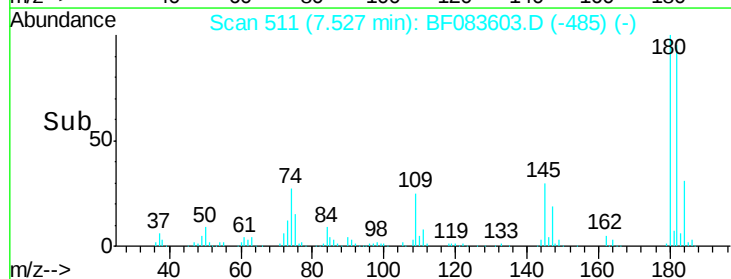
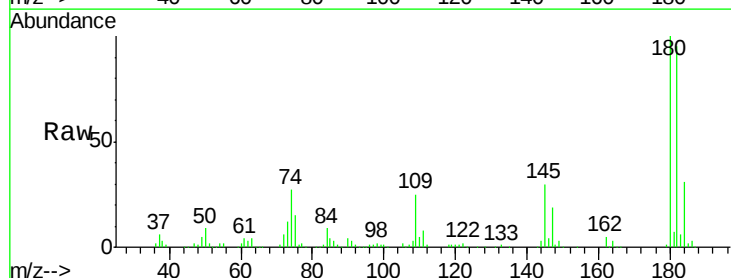
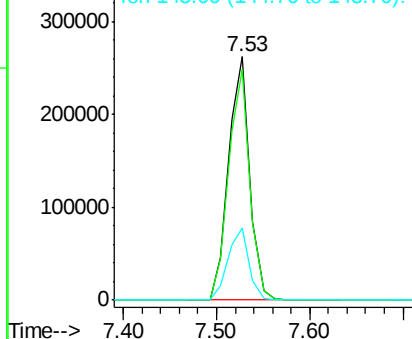
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

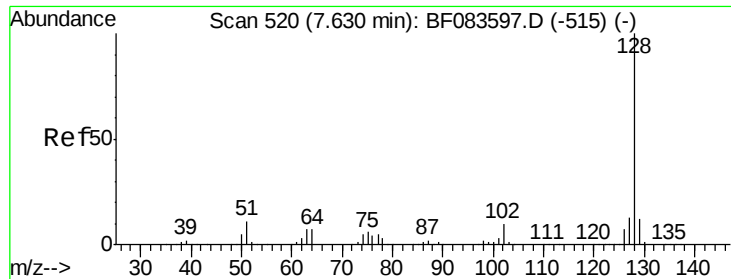


#30
 1,2,4-Trichlorobenzene
 Concen: 37.73 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion:	180	Resp:	413655
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.9	112.3
145	29.7	24.7	37.1

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





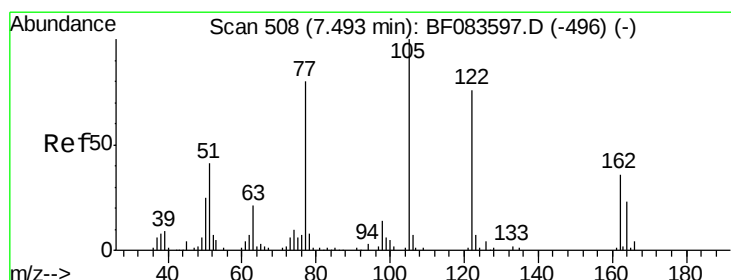
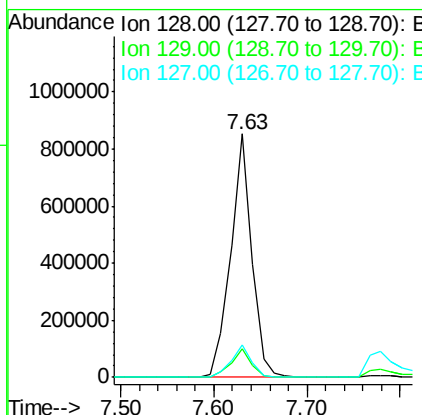
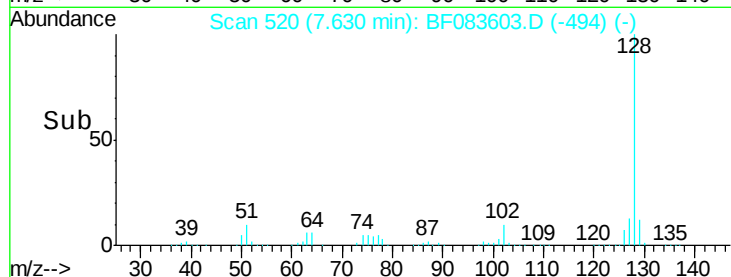
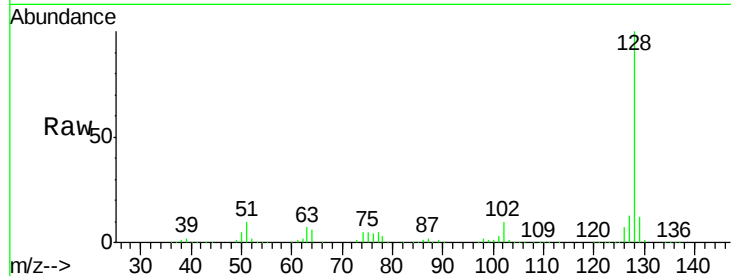
#31
Naphthalene
Concen: 38.42 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion:128 Resp: 1349714
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.3 10.6 16.0

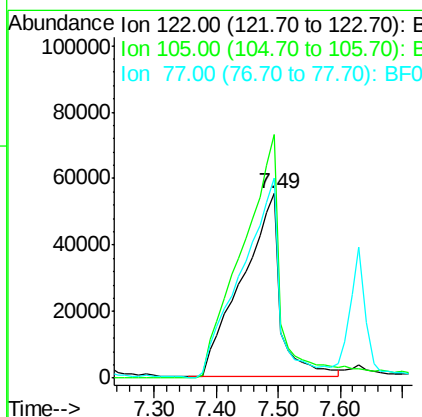
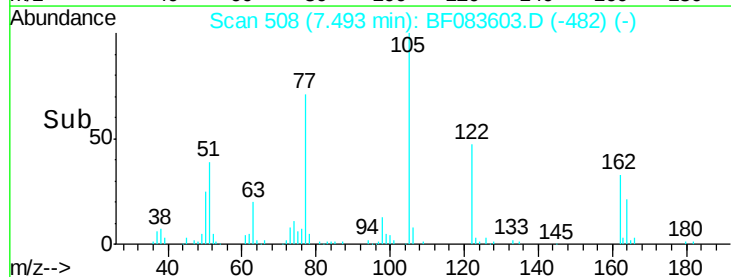
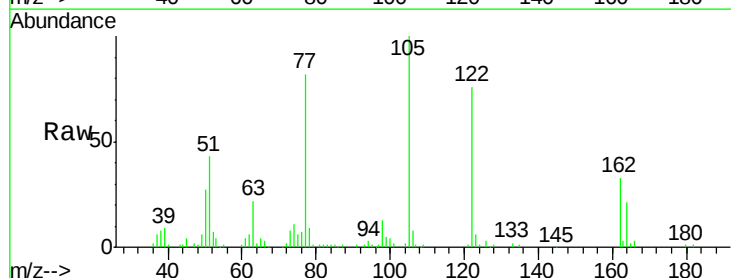
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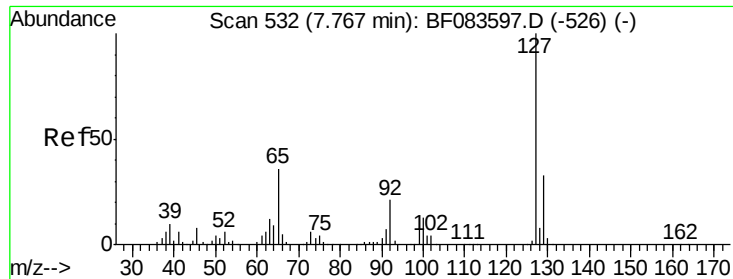
Mmdadoda
12/9/2015 6:13:22 PM



#32
Benzoic acid
Concen: 35.19 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion:122 Resp: 240128
Ion Ratio Lower Upper
122 100
105 132.0 105.6 145.6
77 108.2 86.8 126.8





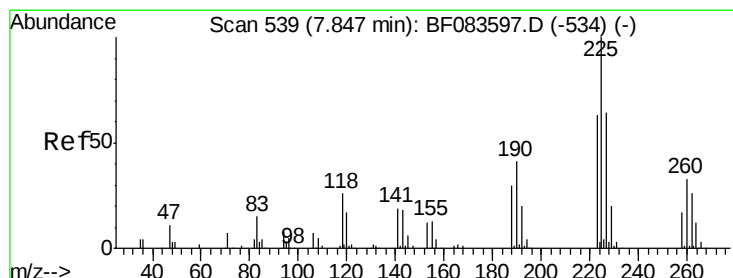
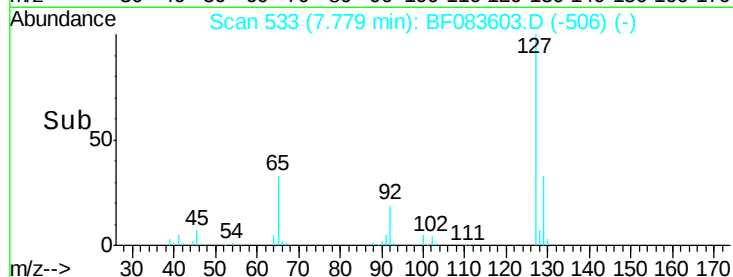
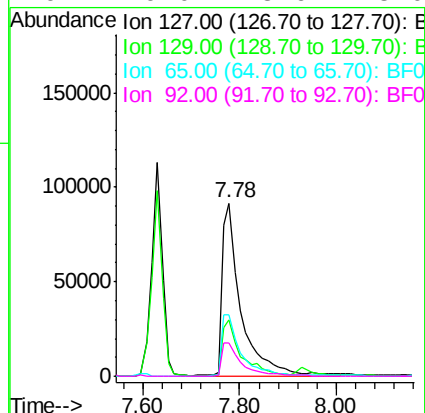
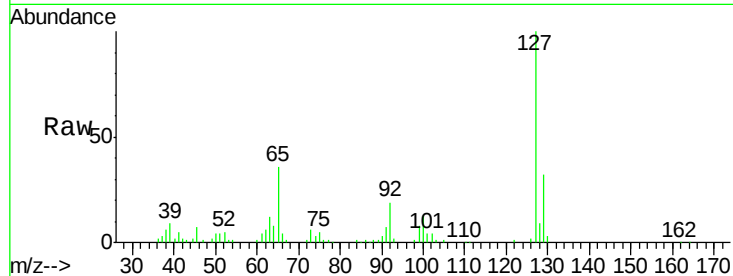
#33
4-Chloroaniline
Concen: 19.52 ng
RT: 7.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	35.8	33.5	50.3		
92	19.0	18.6	28.0		

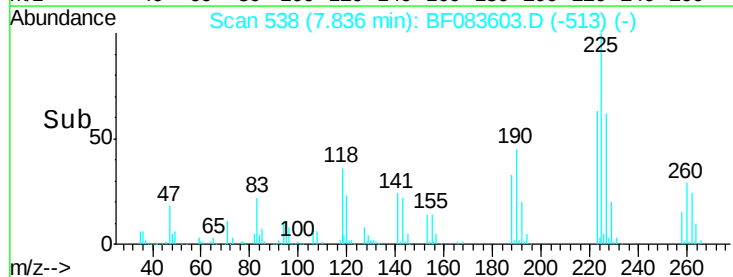
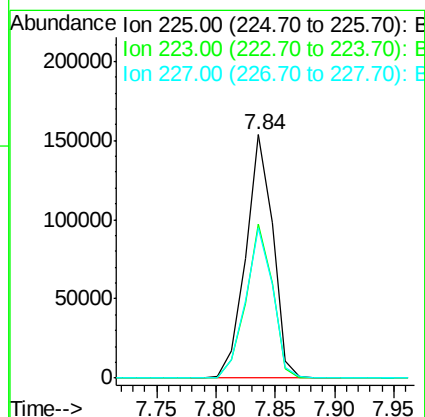
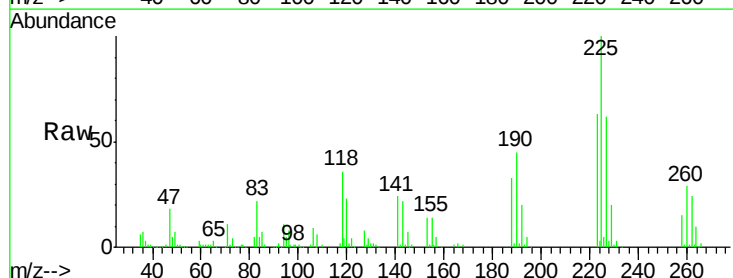
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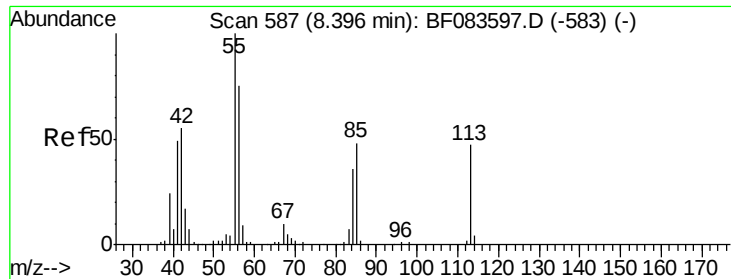
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 38.22 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	52.3	78.5		
227	61.8	50.4	75.6		





#35

Caprolactam

Concen: 43.62 ng/ml

RT: 8.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

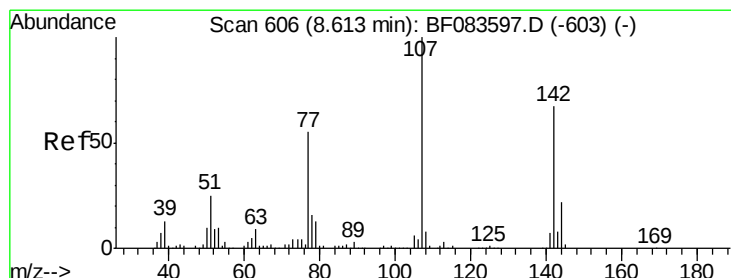
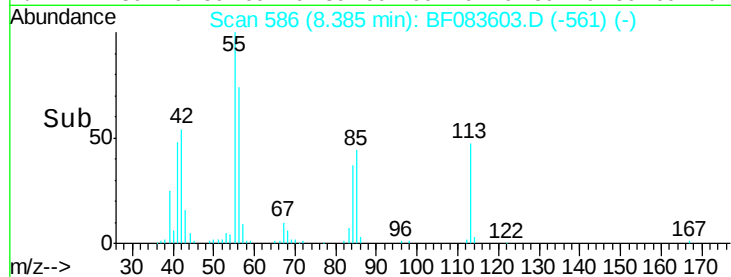
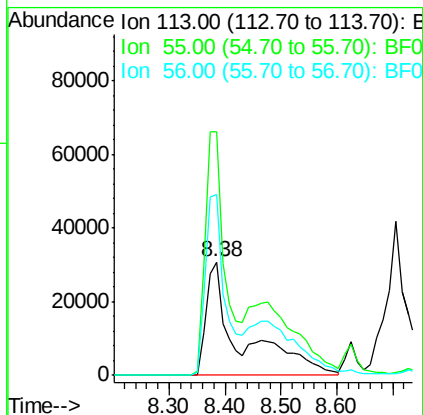
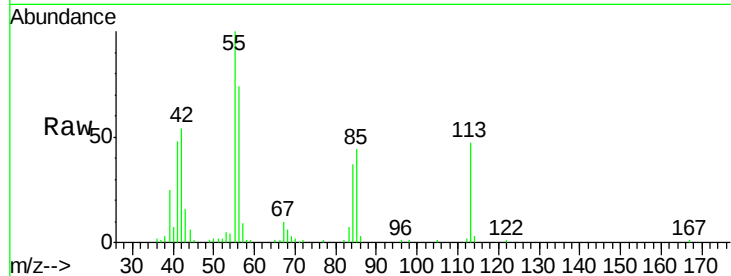
ClientSampleId :

PB86955BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.8	189.7	229.7
56	159.6	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 40.76 ng/ml

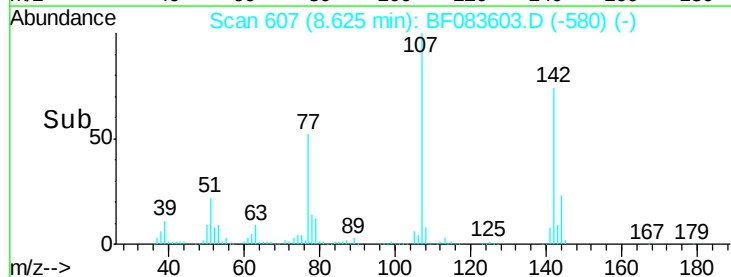
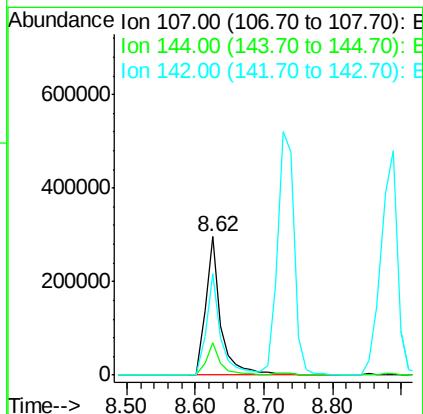
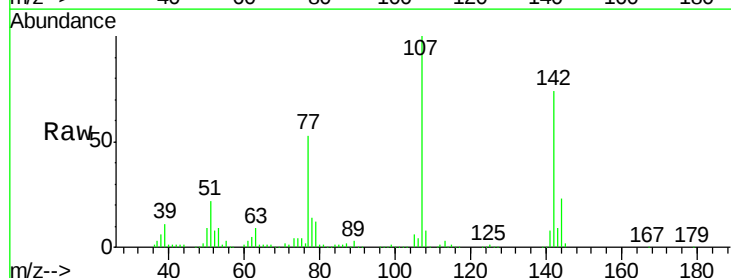
RT: 8.62 min Scan# 607

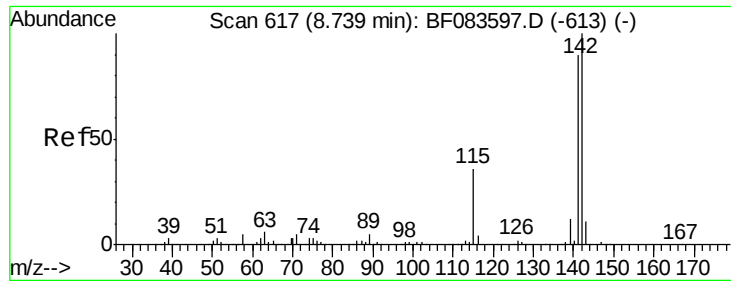
Delta R.T. 0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	17.5	26.3
142	73.6	53.6	80.4





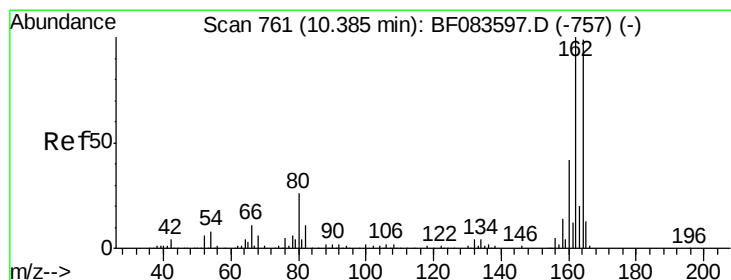
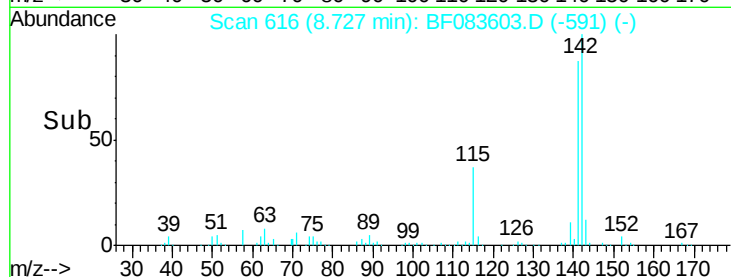
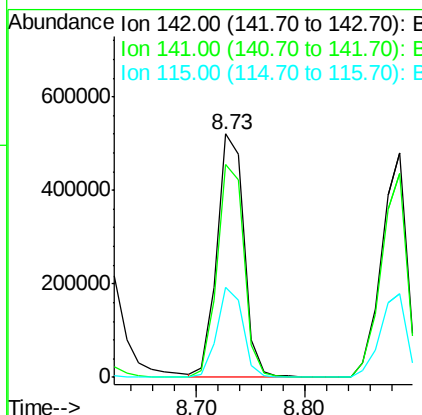
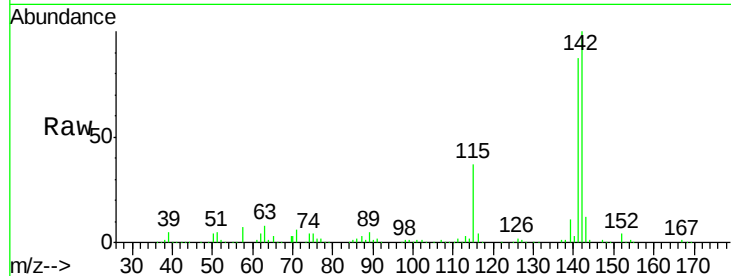
#37
2-Methylnaphthalene
Concen: 40.79 ng
RT: 8.73 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5
115	37.2	29.2	43.8

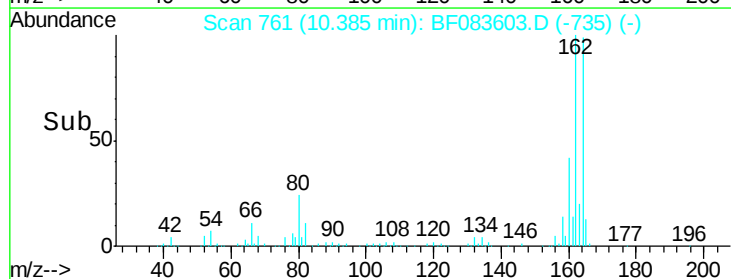
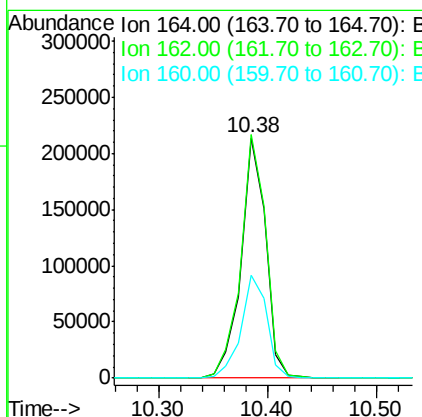
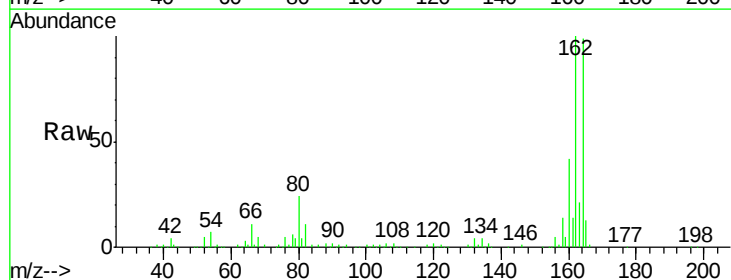
Manual Integrations
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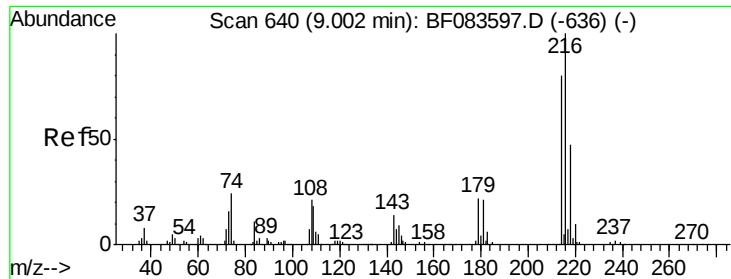
Mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	42.7	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.40 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

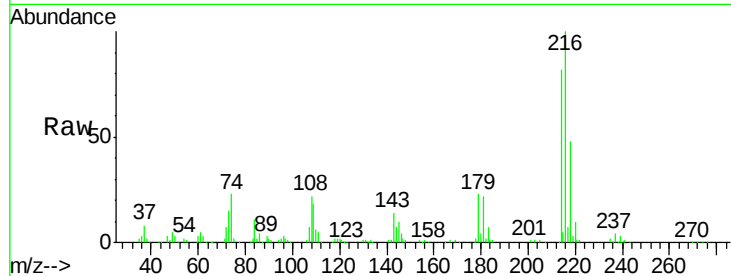
ClientSampleId :

PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	400803		
214	79.6	0.0	0.0#	
179	21.3	0.0	0.0#	
108	20.4	0.0	0.0#	

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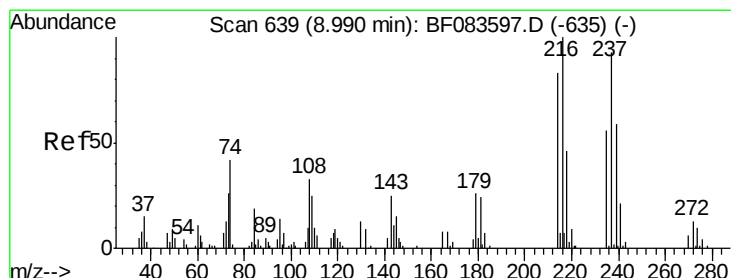
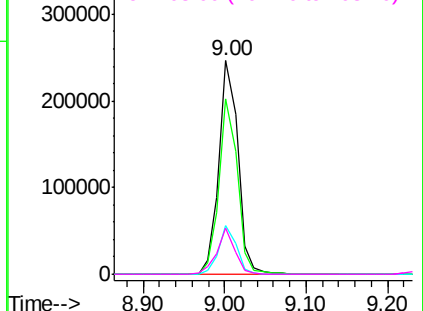
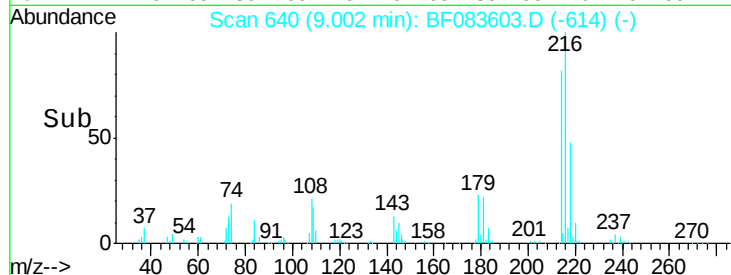


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.54 ng

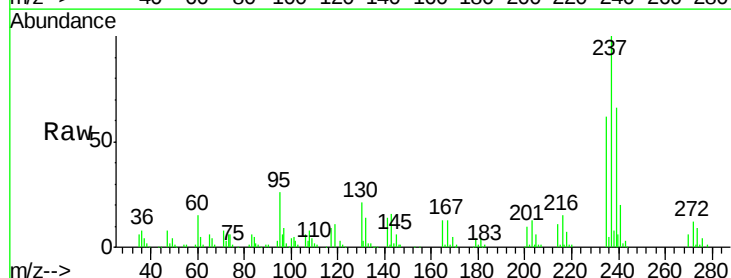
RT: 8.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

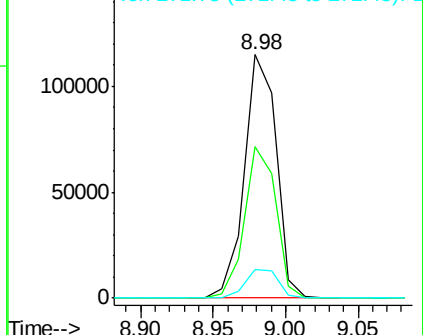
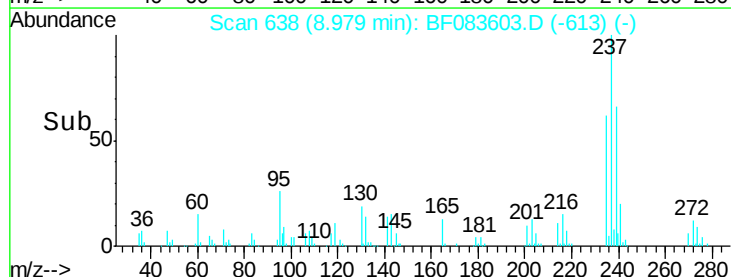
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	174761		
235	62.4	43.9	83.9	
272	11.8	0.0	31.8	

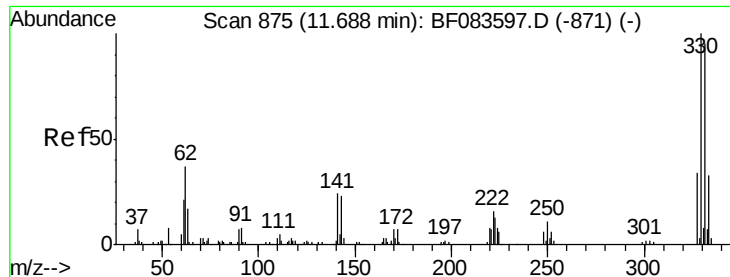


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





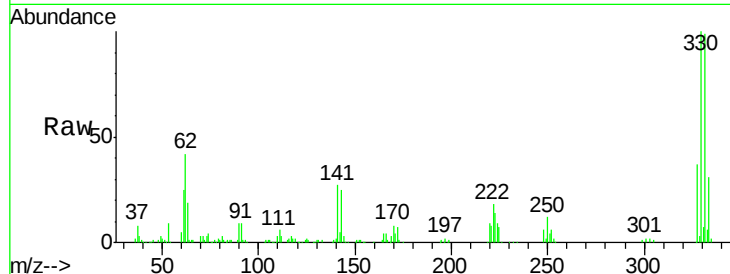
#41
 2,4,6-Tribromophenol
 Concen: 119.03 ng
 RT: 11.69 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.0	0.0	0.0#

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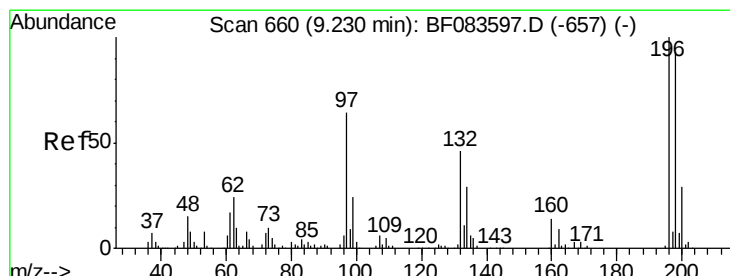
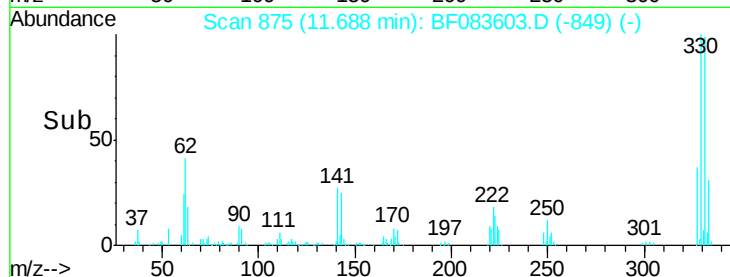
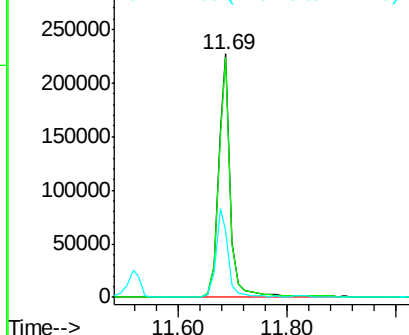


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

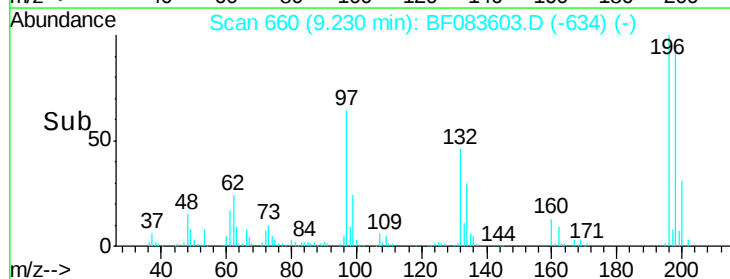
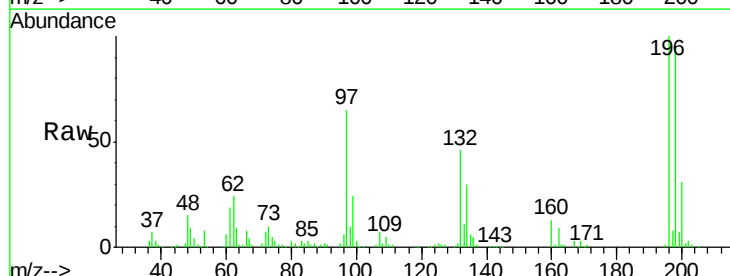
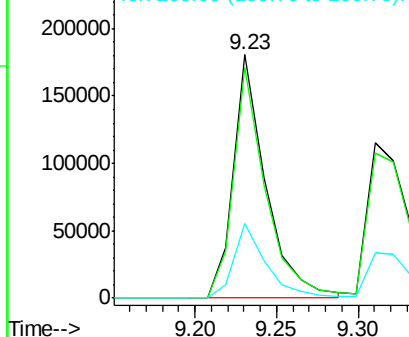
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.6	75.2	112.8
200	30.7	23.0	34.6

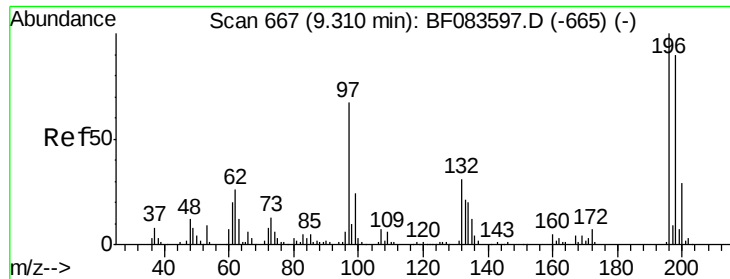
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





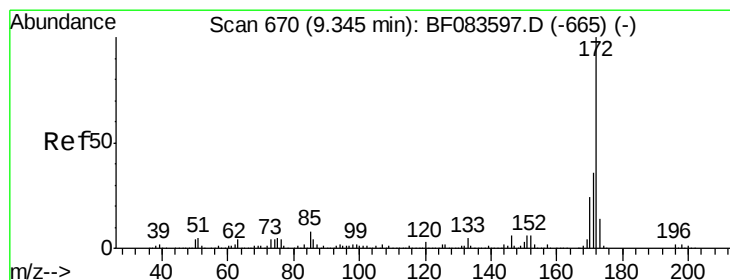
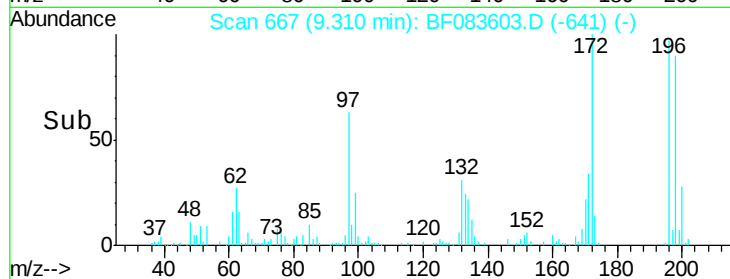
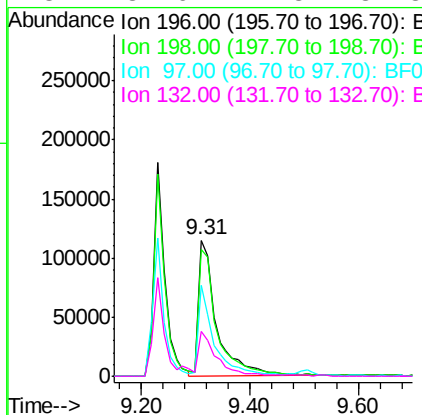
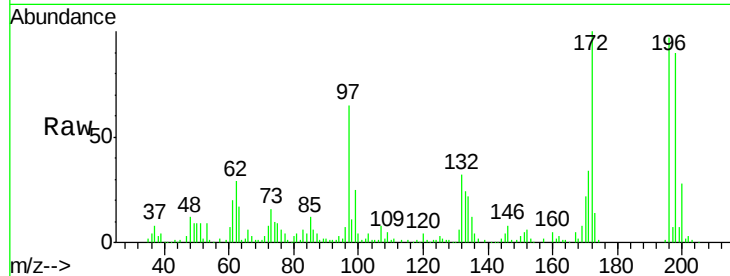
#43
2,4,5-Trichlorophenol
Concen: 40.41 ng
RT: 9.31 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262135		
198	93.0	77.7	116.5	
97	66.4	41.2	61.8	
132	32.6	21.8	32.8	

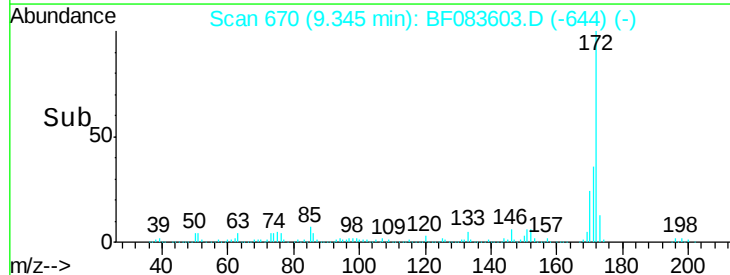
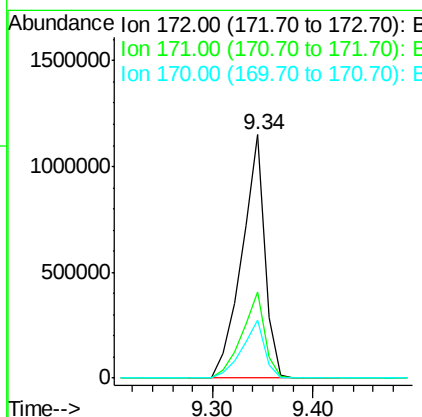
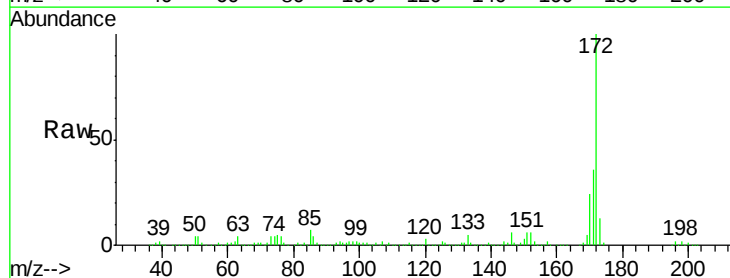
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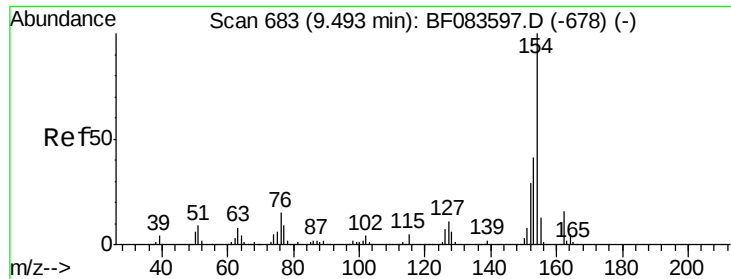
Mmdadoda
12/9/2015 6:13:22 PM



#44
2-Fluorobiphenyl
Concen: 76.60 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1825559		
171	35.6	28.6	42.8	
170	24.0	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 36.62 ng

RT: 9.49 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB86955BS

Tot Ion:154 Resp: 1067764

Ion Ratio Lower Upper

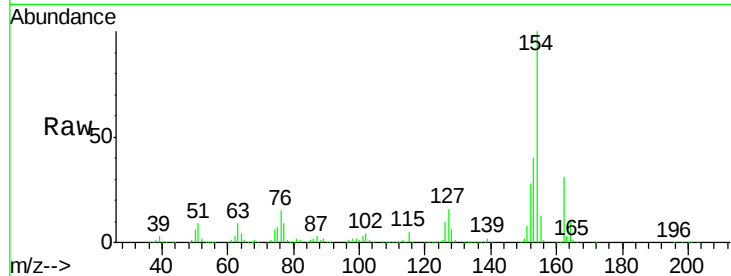
154 100

153 40.0 20.2 60.2

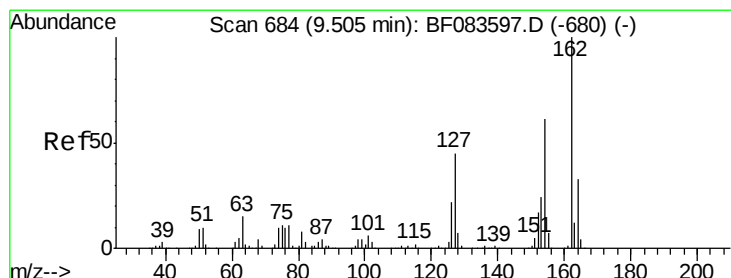
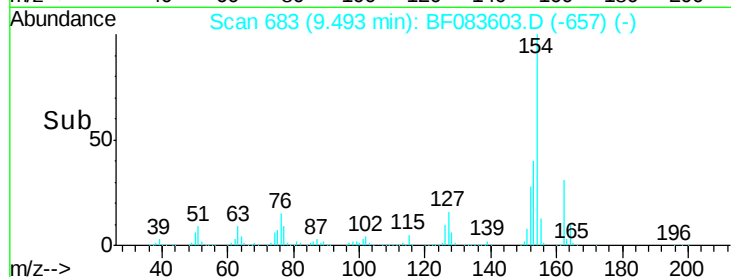
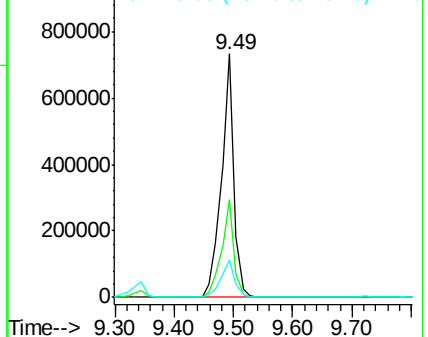
76 15.3 0.0 34.8

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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: 37.68 ng

RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

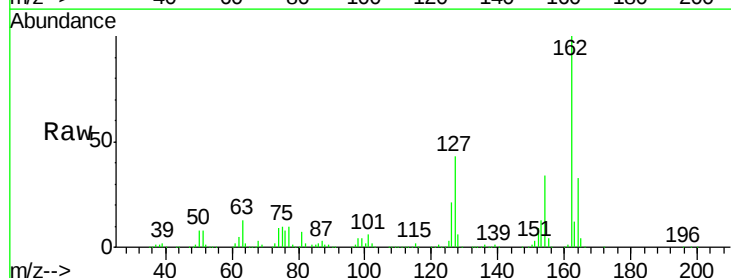
Tgt Ion:162 Resp: 829370

Ion Ratio Lower Upper

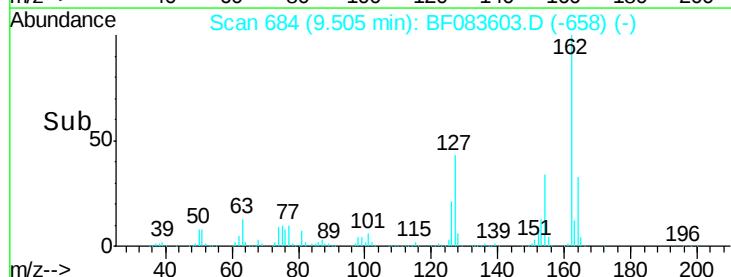
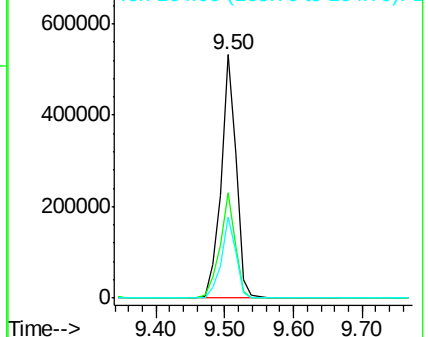
162 100

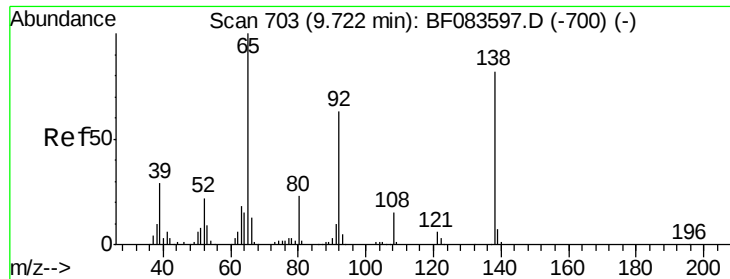
127 43.1 31.0 46.4

164 33.1 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





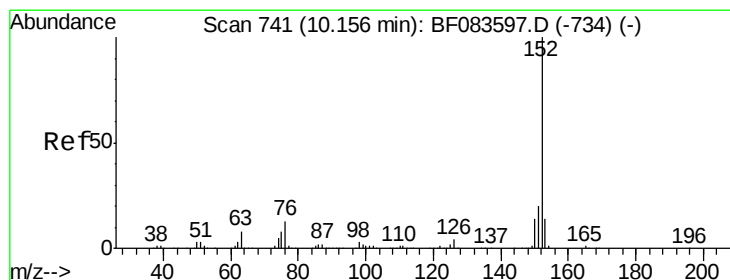
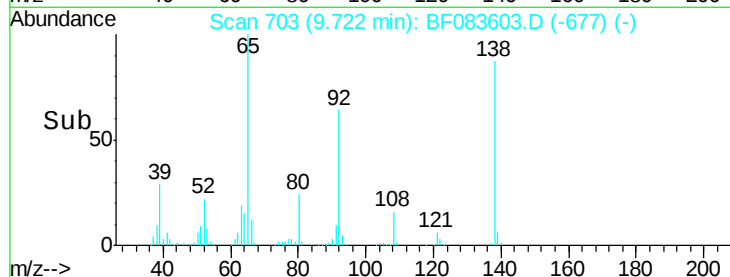
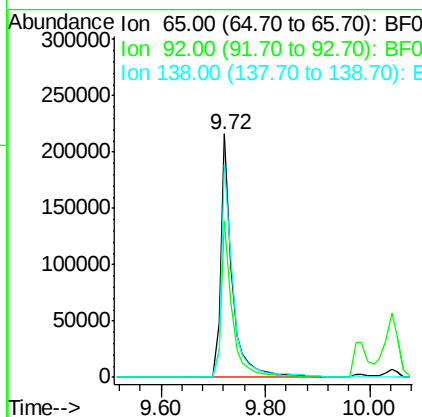
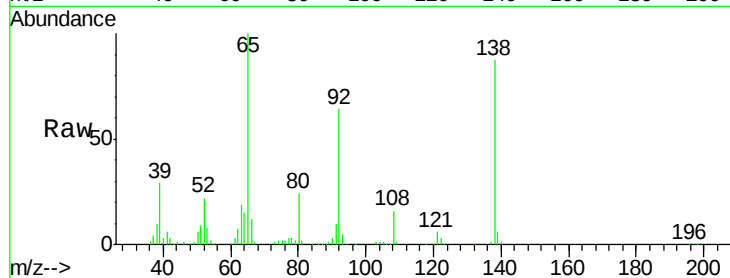
#47
2-Nitroaniline
Concen: 40.63 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	322573		
92	64.4	49.6	74.4	
138	87.4	64.1	96.1	

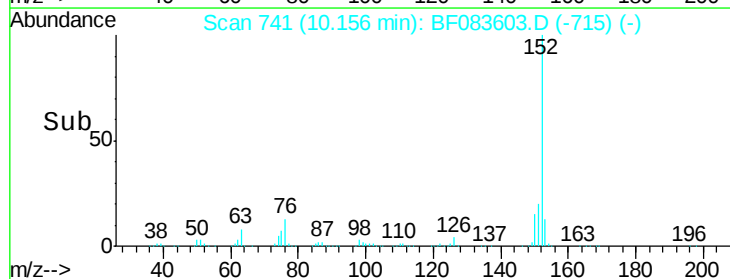
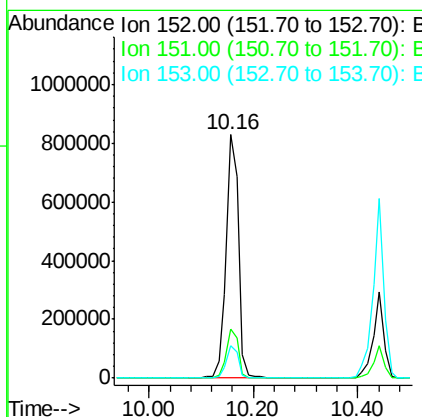
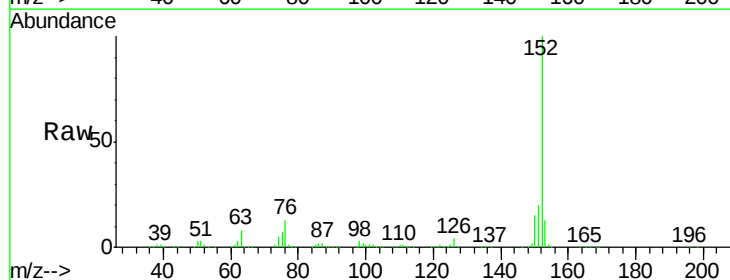
Manual Integrations
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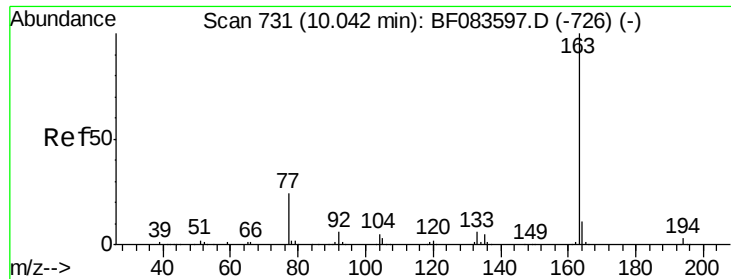
Mmdadoda
12/9/2015 6:13:22 PM



#48
Acenaphthylene
Concen: 37.46 ng
RT: 10.16 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1359685		
151	20.4	16.3	24.5	
153	13.3	10.8	16.2	





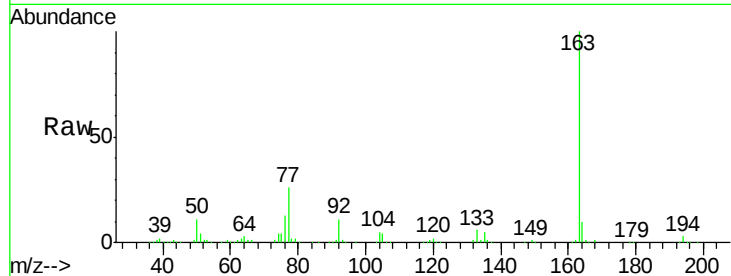
#49
Dimethylphthalate
Concen: 38.28 ng
RT: 10.04 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

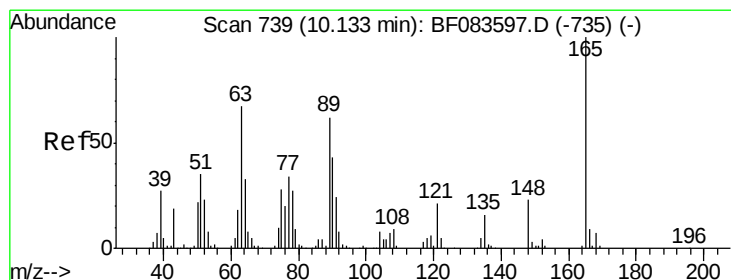
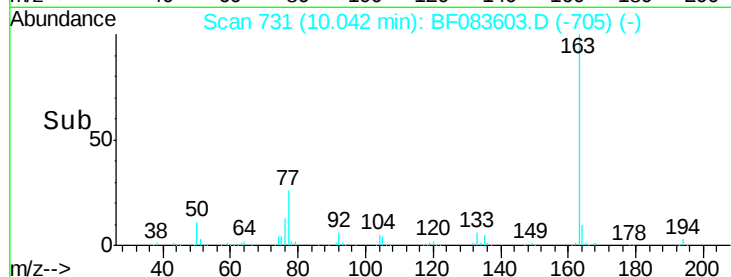
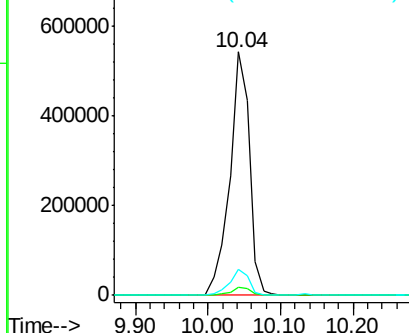
Tot Ion:163 Resp: 1021996
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.4 8.6 13.0

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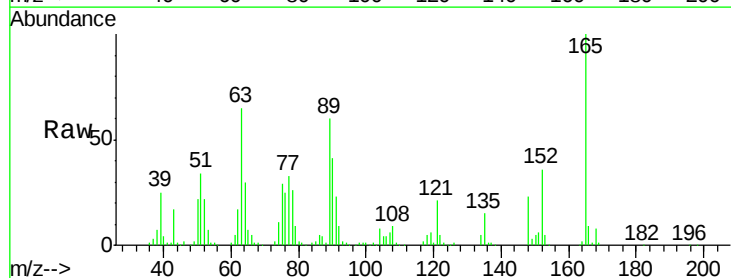


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

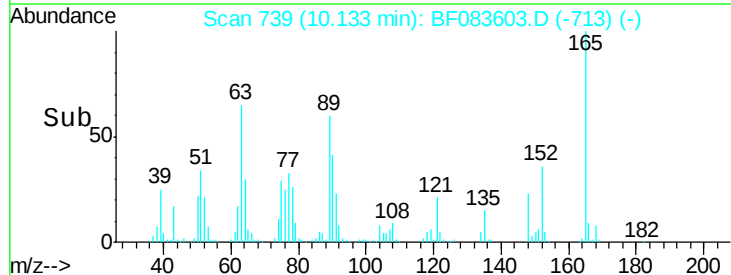
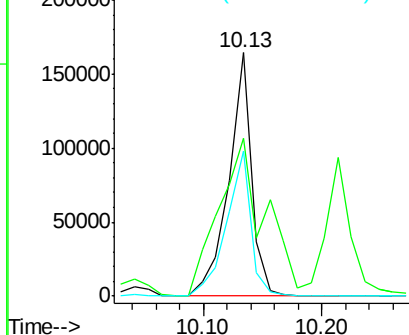


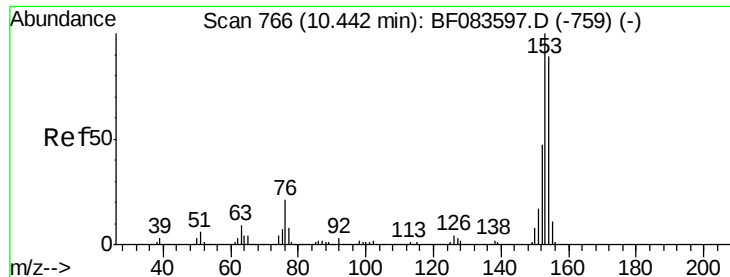
#50
2,6-Dinitrotoluene
Concen: 39.90 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion:165 Resp: 219956
Ion Ratio Lower Upper
165 100
63 64.9 56.9 85.3
89 59.7 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: 37.96 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

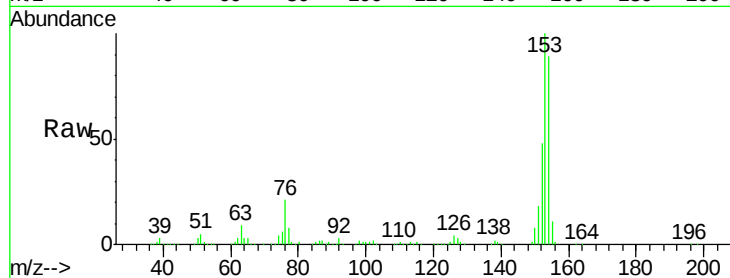
ClientSampleId :

PB86955BS

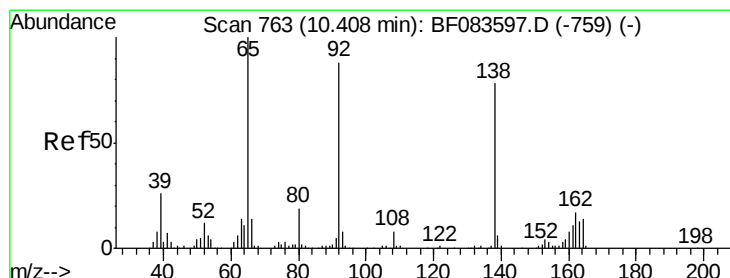
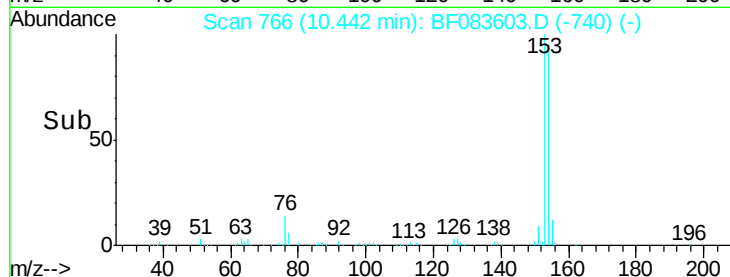
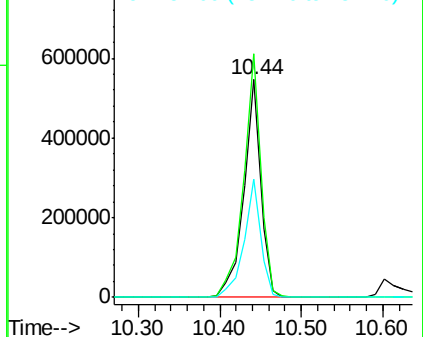
Tot Ion:	154	Resp:	788867
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.4	137.0
152	54.1	43.4	65.2

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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: 24.53 ng

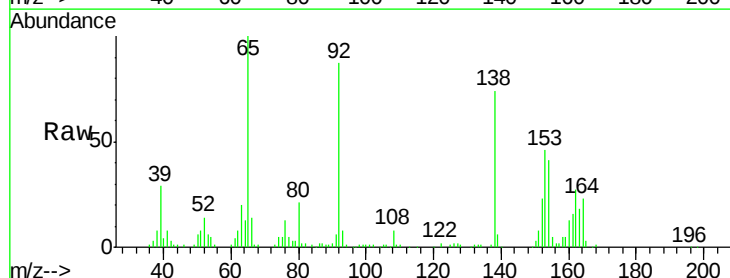
RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

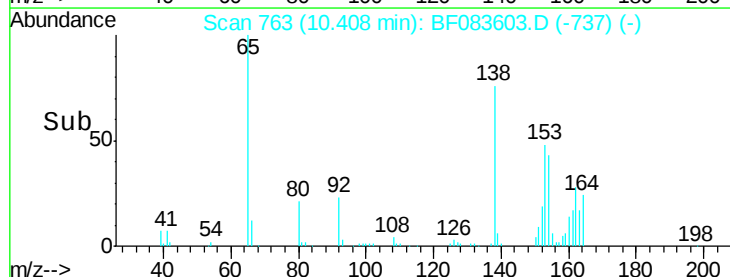
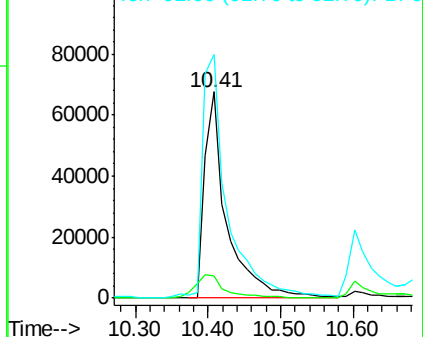
Lab File: BF083603.D

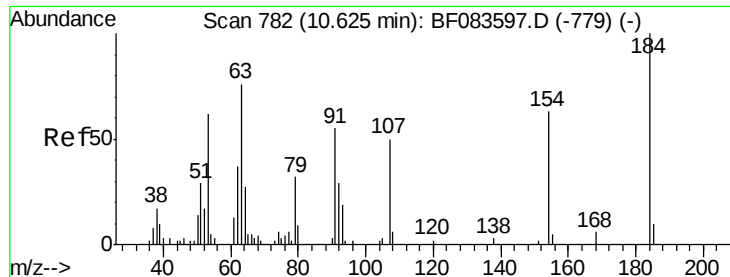
Acq: 8 Dec 2015 19:21

Tgt Ion:	138	Resp:	143729
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.9	14.9
92	118.0	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





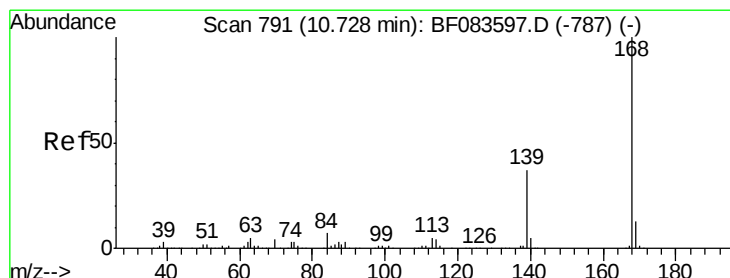
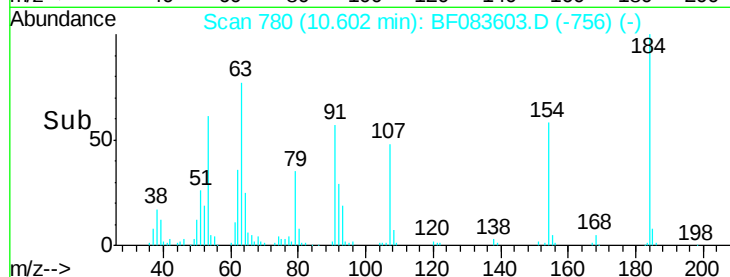
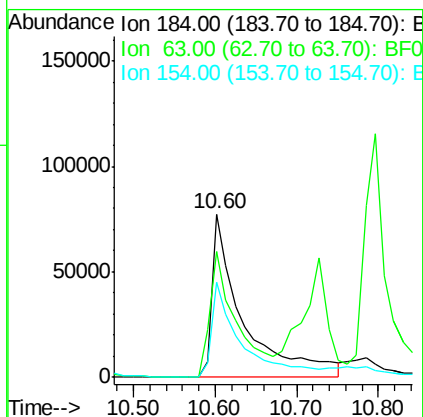
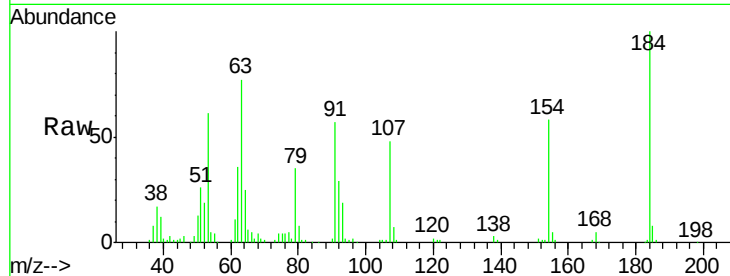
#53
2,4-Dinitrophenol
Concen: 75.60 ng
RT: 10.60 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205345		
63	77.4	62.4	93.6	
154	58.0	46.6	69.8	

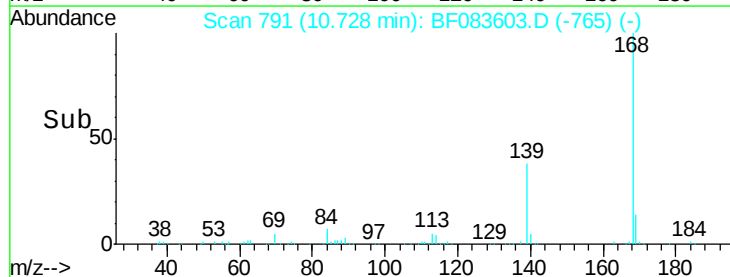
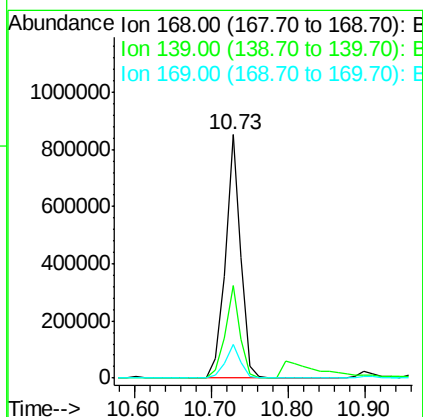
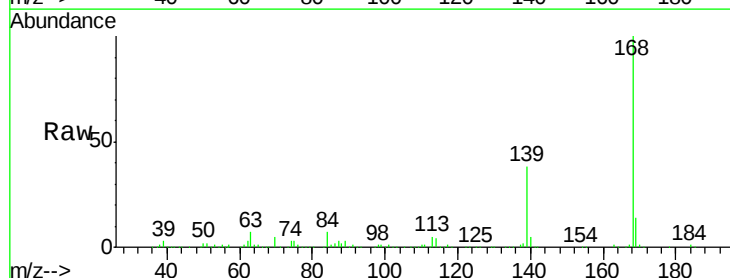
Manual Integrations
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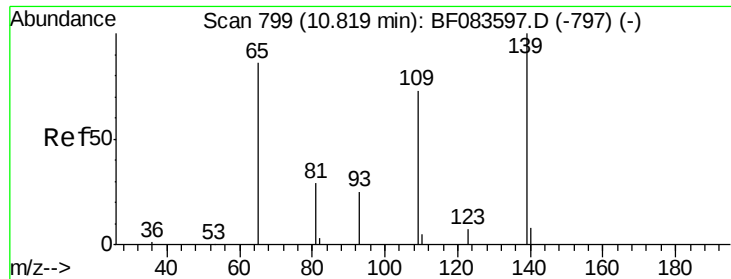
Mmdadoda
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#54
Dibenzofuran
Concen: 41.83 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1205522		
139	37.9	28.0	42.0	
169	13.6	10.8	16.2	





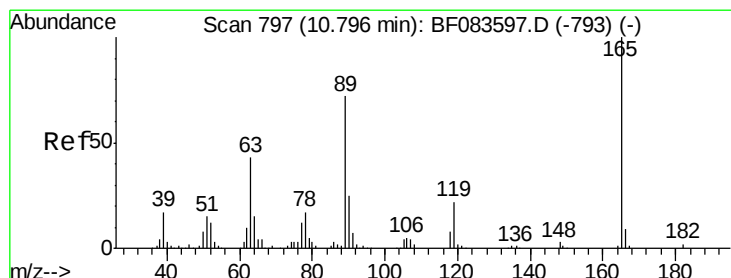
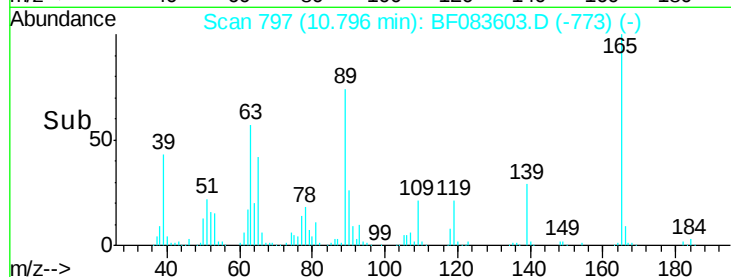
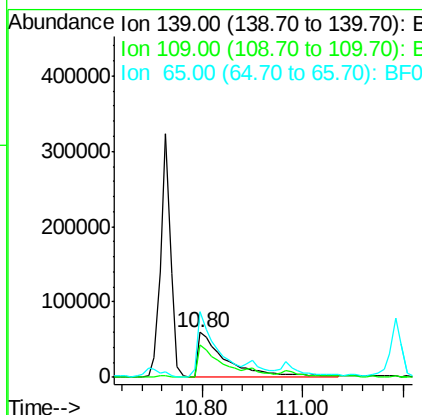
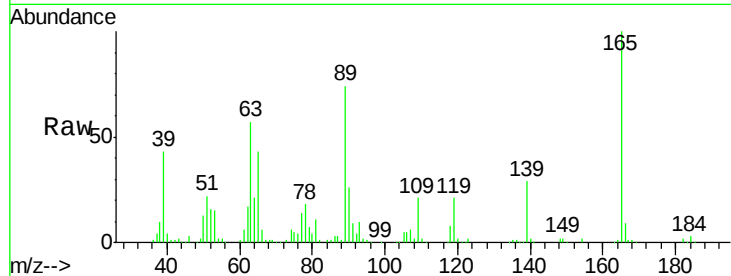
#55
4-Nitrophenol
Concen: 86.01 ng
RT: 10.80 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	221882		
109	72.8	42.0	82.0	
65	146.7	89.2	129.2	

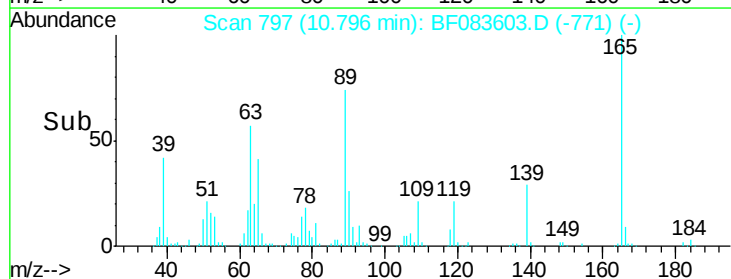
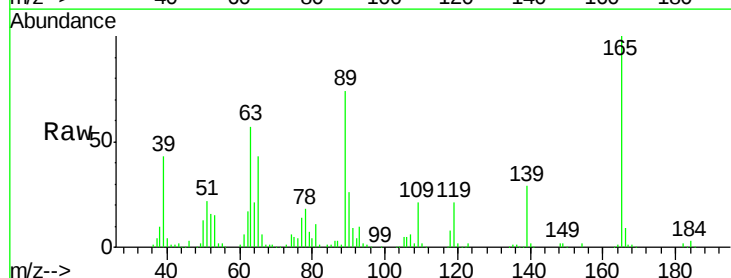
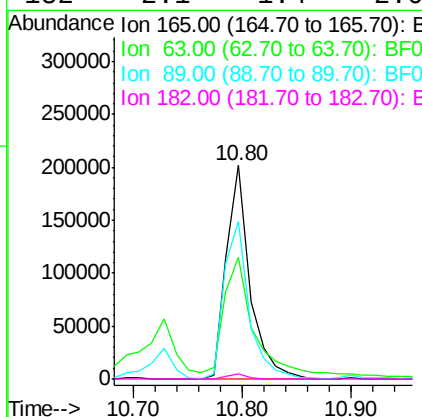
Manual Integrations
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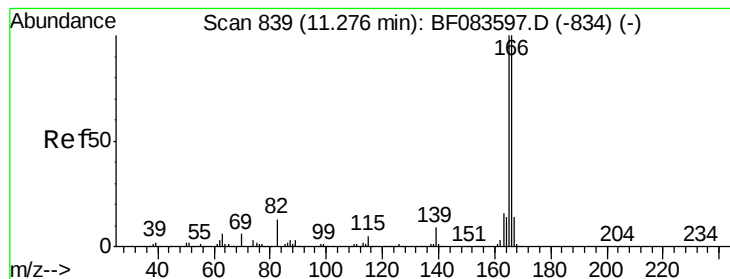
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 41.43 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	302931		
63	57.2	51.4	77.2	
89	73.6	72.6	108.8	
182	2.1	1.4	2.0	





#57

Fluorene

Concen: 38.75 ng

RT: 11.28 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

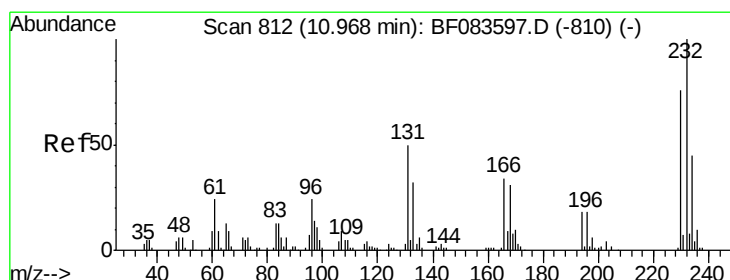
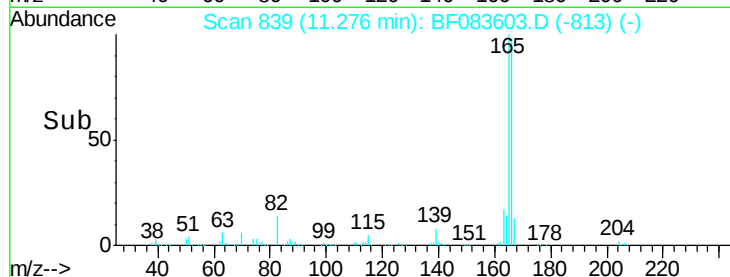
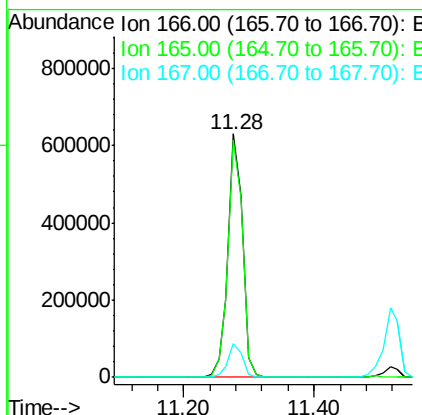
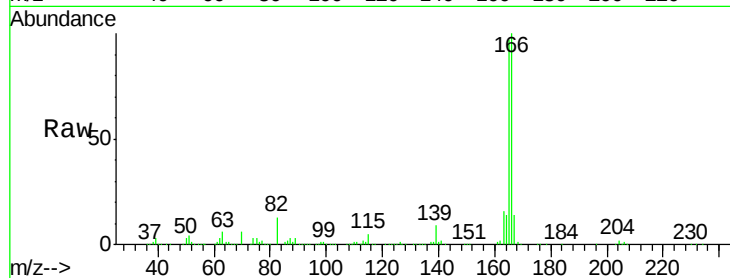
ClientSampleId :

PB86955BS

Tot Ion:	166	Resp:	974614
Ion Ratio	Lower	Upper	
166	100		
165	97.4	80.0	120.0
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.81 ng

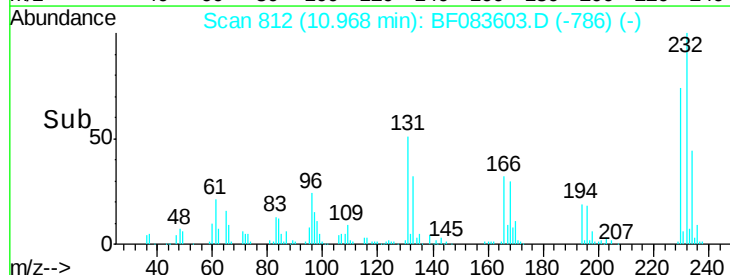
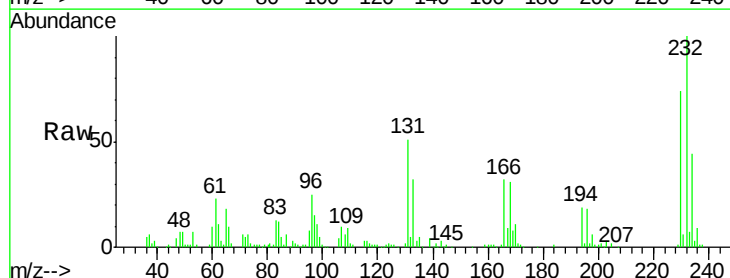
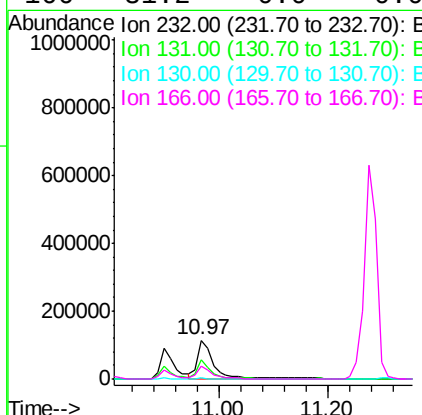
RT: 10.97 min Scan# 812

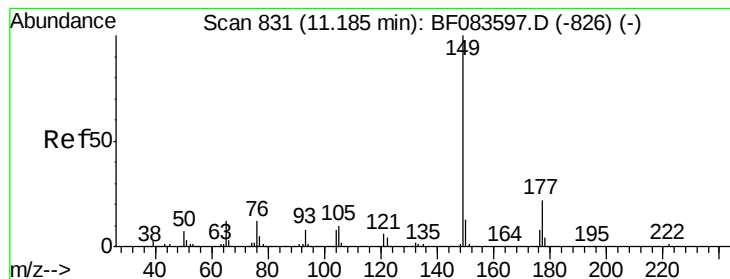
Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion:	232	Resp:	228548
Ion Ratio	Lower	Upper	
232	100		
131	45.2	0.0	0.0#
130	2.1	0.0	0.0#
166	31.2	0.0	0.0#





#59

Diethylphthalate

Concen: 38.50 ng

RT: 11.18 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

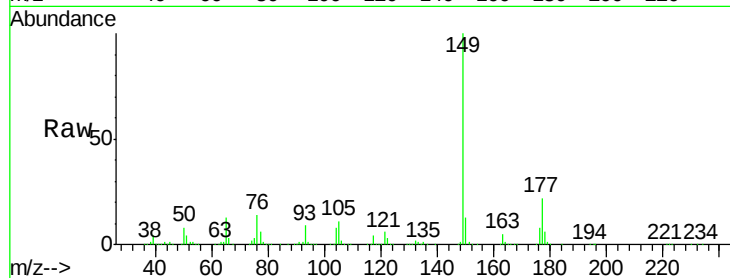
ClientSampleId :

PB86955BS

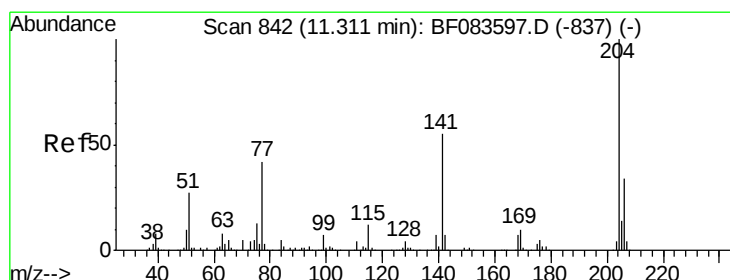
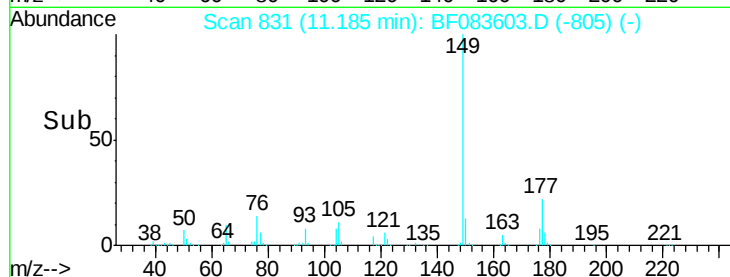
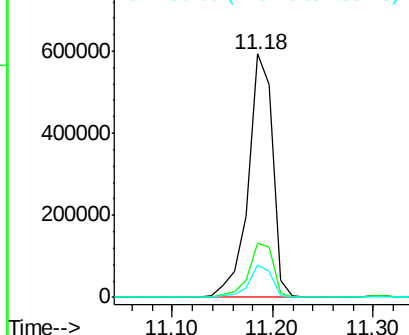
Tot Ion:	149	Resp:	999549
Ion Ratio		Lower	Upper
149	100		
177	22.2	16.9	25.3
150	13.1	10.2	15.4

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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



#60

4-Chlorophenyl-phenylether

Concen: 38.29 ng

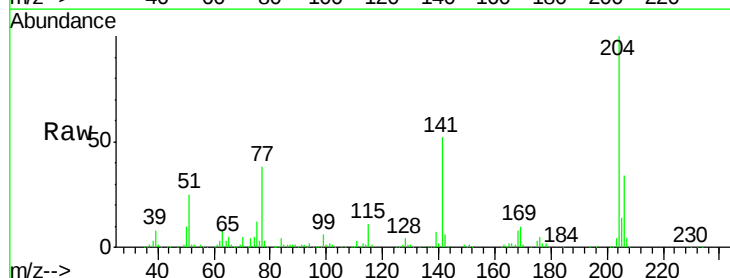
RT: 11.31 min Scan# 842

Delta R.T. 0.00 min

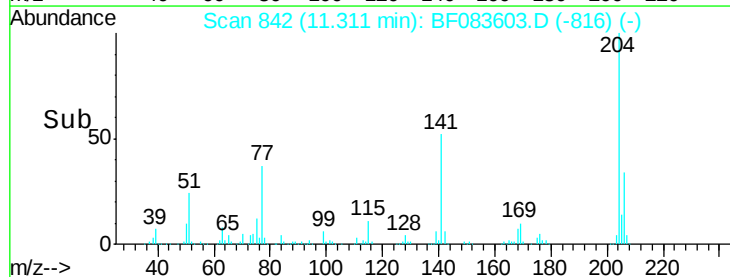
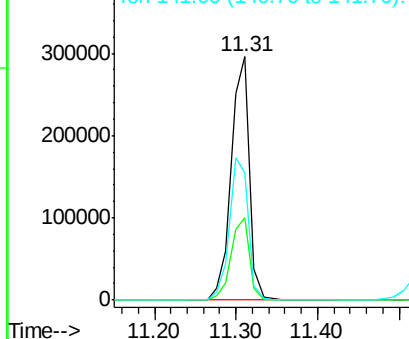
Lab File: BF083603.D

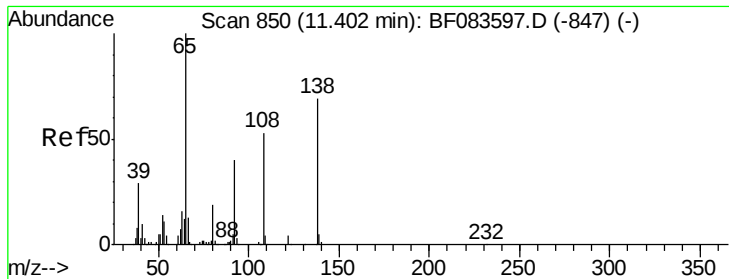
Acq: 8 Dec 2015 19:21

Tgt Ion:	204	Resp:	458491
Ion Ratio		Lower	Upper
204	100		
206	33.7	27.3	40.9
141	52.4	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





#61

4-Nitroaniline

Concen: 39.56 ng

RT: 11.41 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

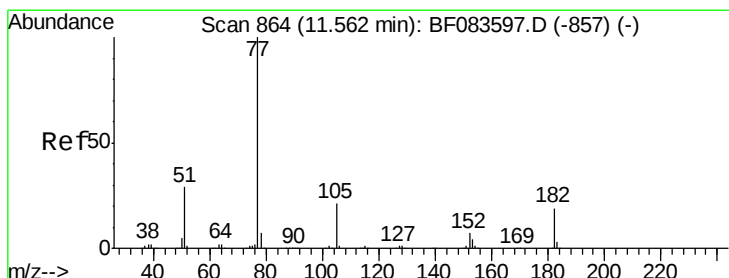
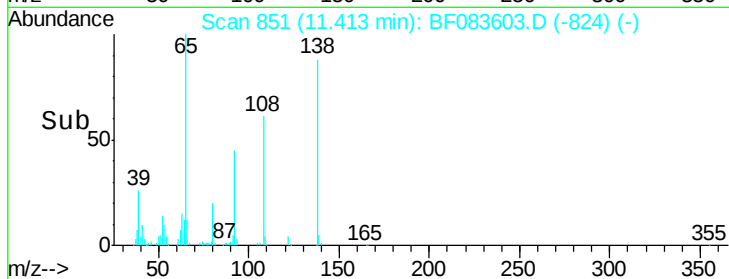
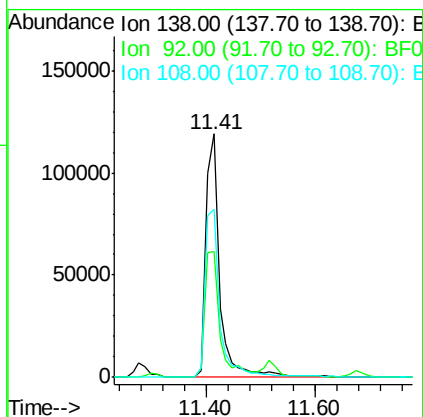
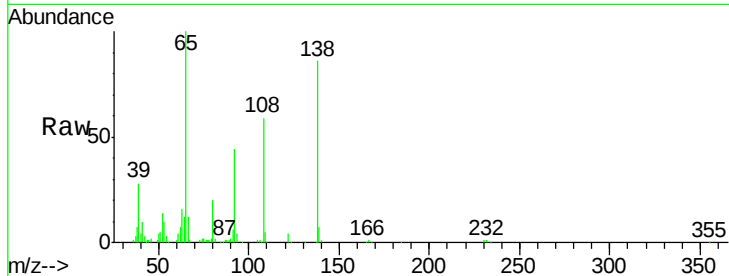
ClientSampleId :

PB86955BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	29.0	69.0
108	69.1	47.4	87.4

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#62

Azobenzene

Concen: 43.41 ng

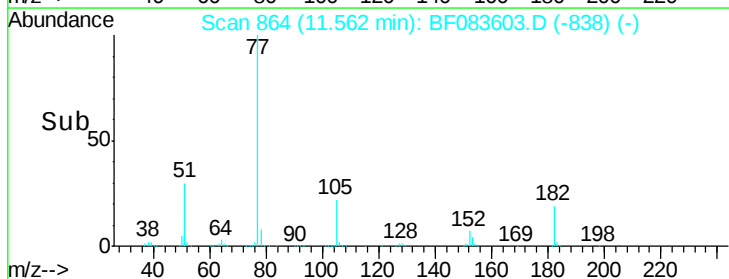
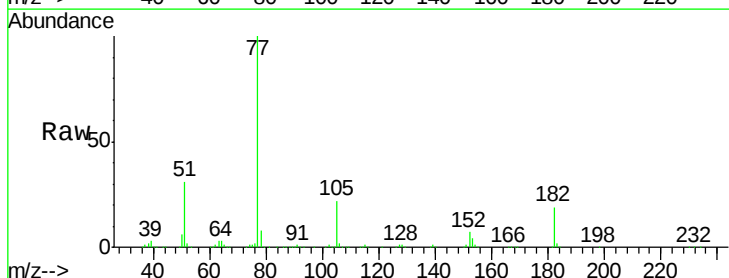
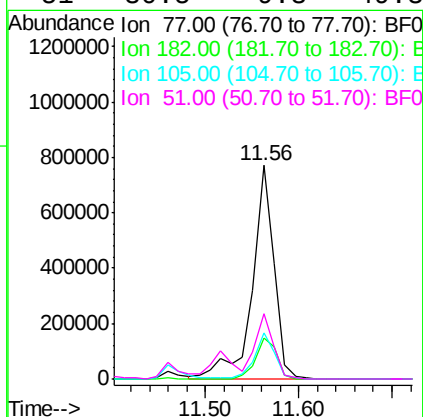
RT: 11.56 min Scan# 864

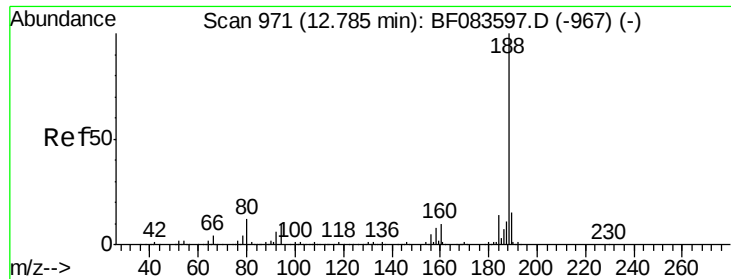
Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	2.5	42.5
105	21.6	2.1	42.1
51	30.5	9.3	49.3





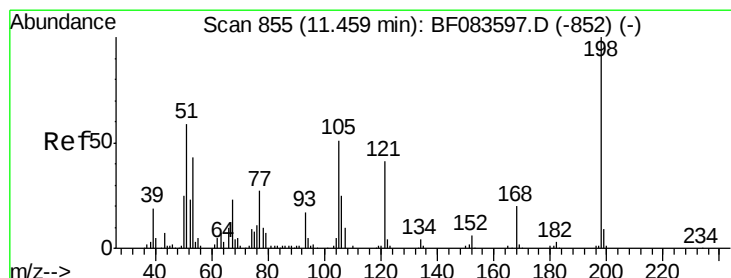
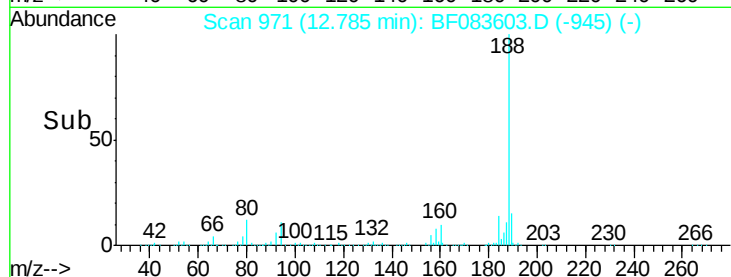
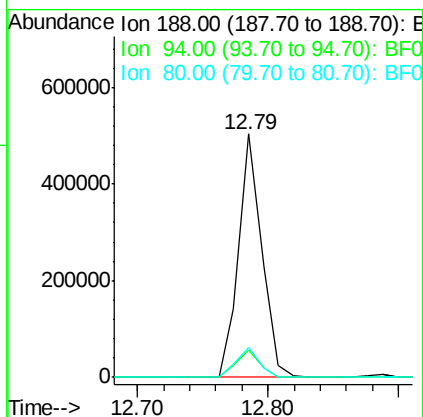
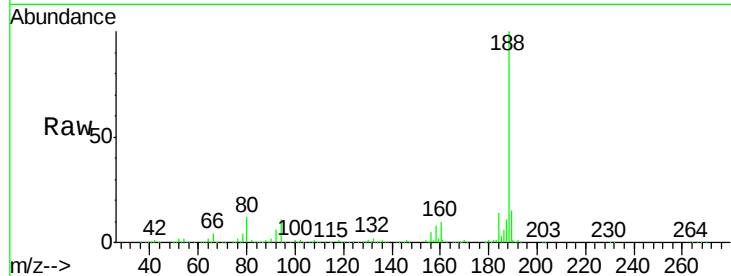
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	623030		
94	11.0		9.4	14.2
80	12.2		10.6	16.0

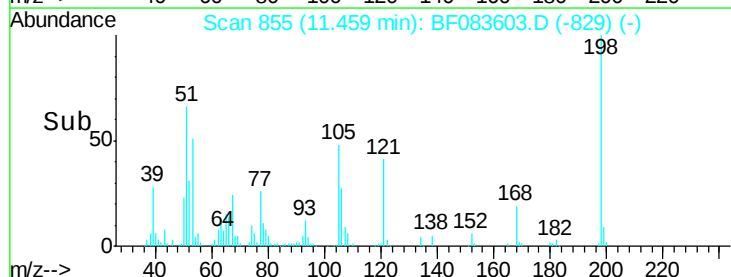
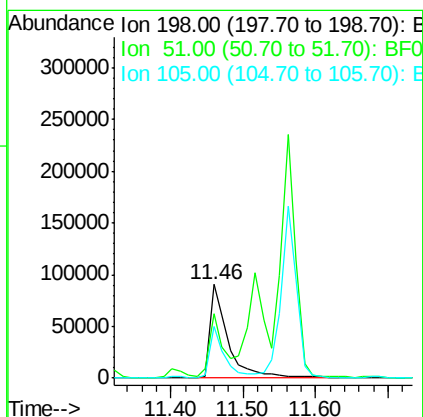
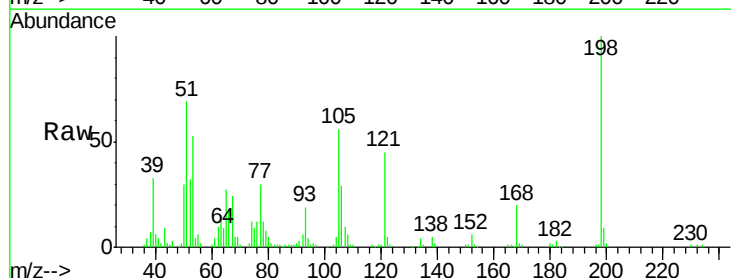
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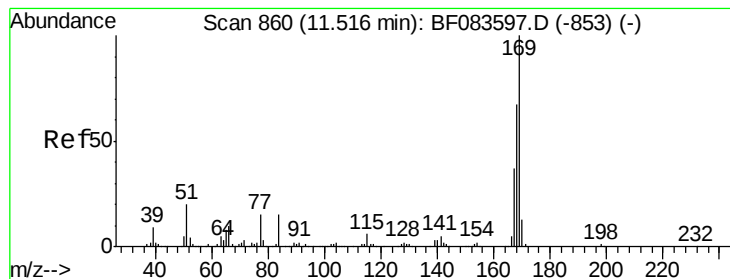
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.67 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	158033		
51	69.0		53.8	93.8
105	55.5		38.6	78.6





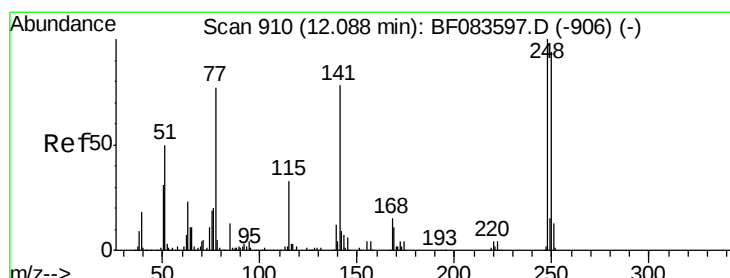
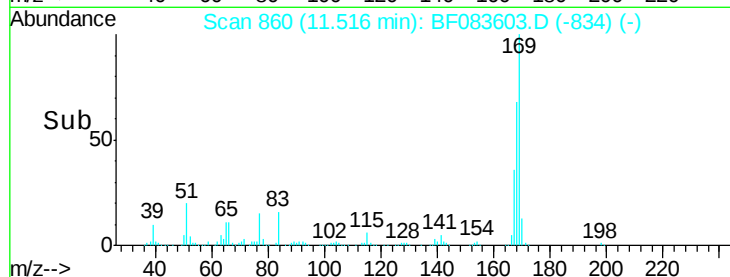
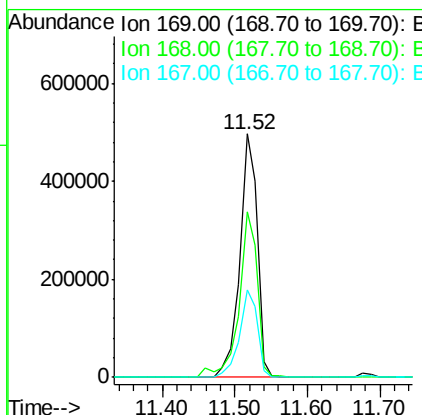
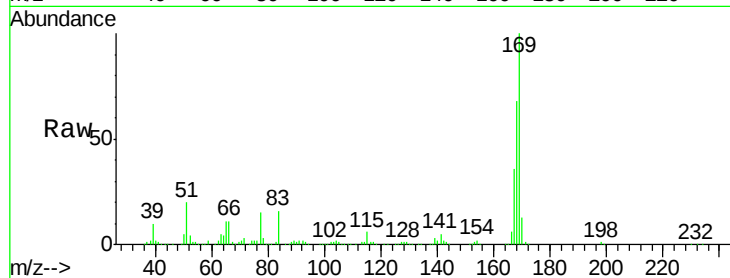
#65
 n-Nitrosodiphenylamine
 Concen: 40.43 ng
 RT: 11.52 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	831322		
168	67.8	53.0	79.6	
167	36.1	29.3	43.9	

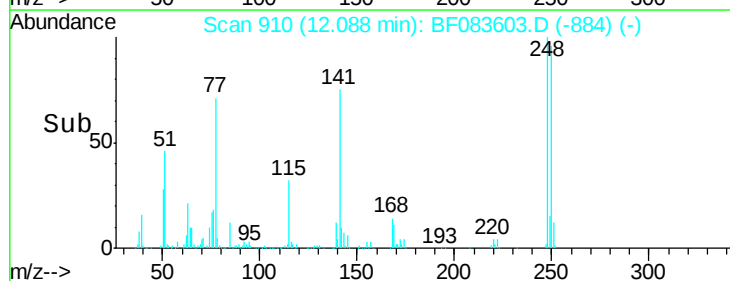
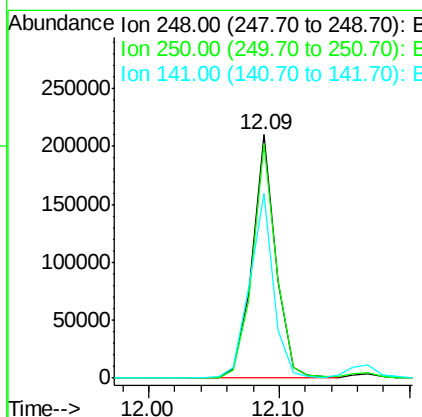
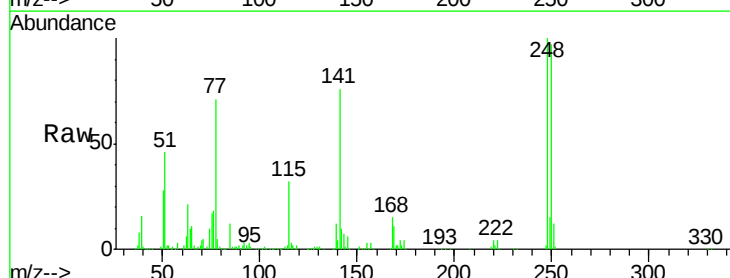
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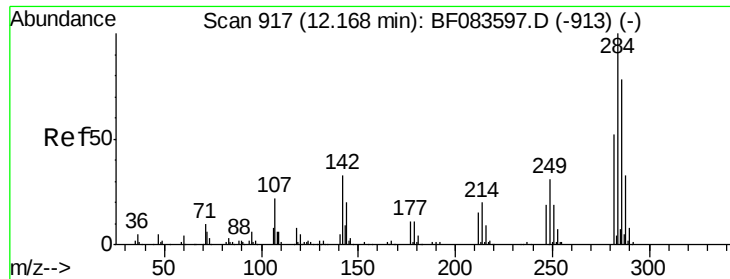
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#66
 4-Bromophenyl-phenylether
 Concen: 38.30 ng
 RT: 12.09 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	266140		
250	96.6	79.2	118.8	
141	75.8	58.2	87.4	





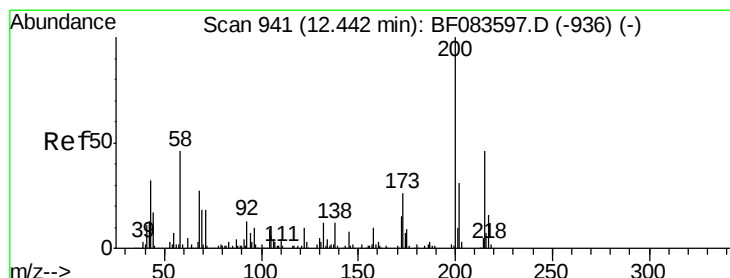
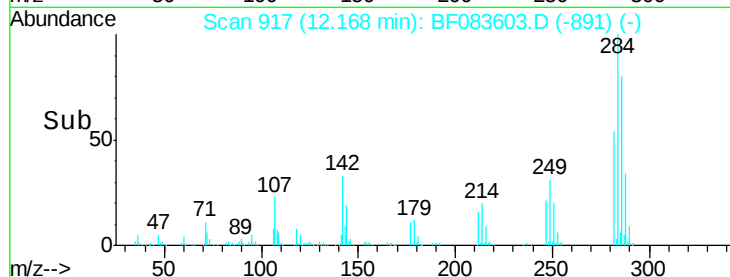
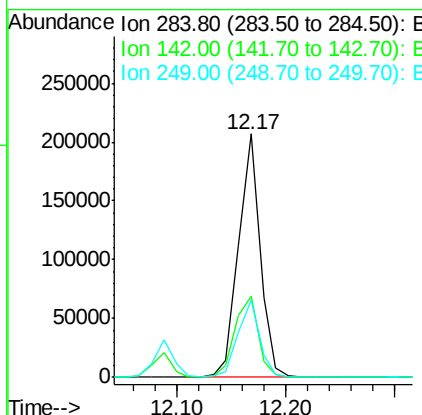
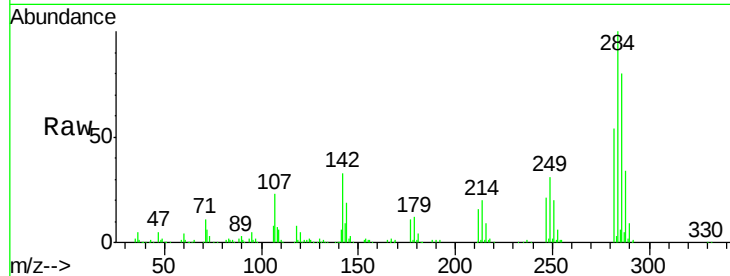
#67
Hexachlorobenzene
Concen: 38.68 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	33.4	31.0	46.4
249	31.5	26.9	40.3

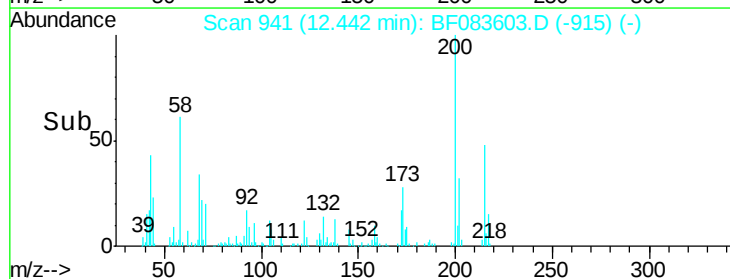
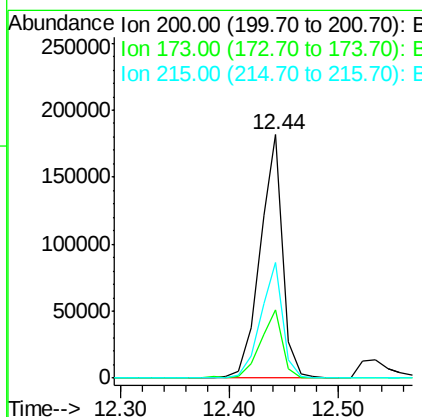
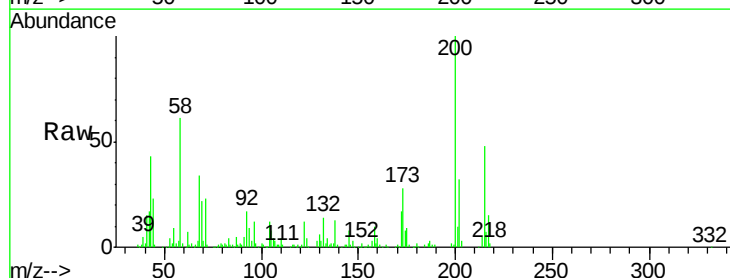
Manual Integrations
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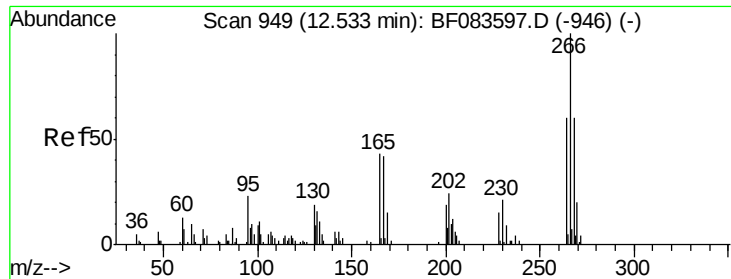
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#68
Atrazine
Concen: 42.50 ng
RT: 12.44 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	7.8	47.8
215	47.5	25.7	65.7





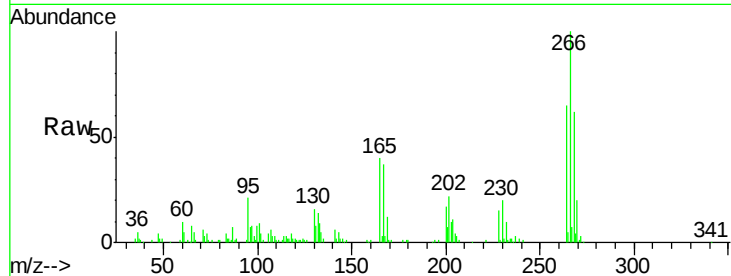
#69
 Pentachlorophenol
 Concen: 87.11 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	50.2	75.2
264	64.6	51.4	77.2

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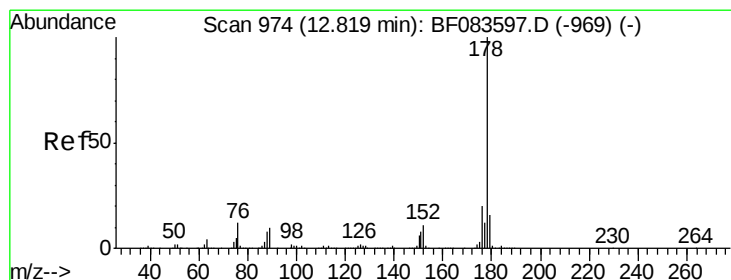
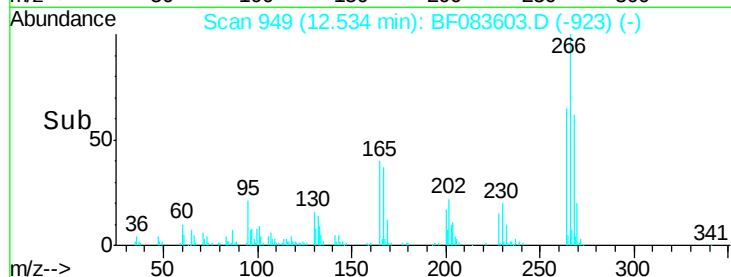
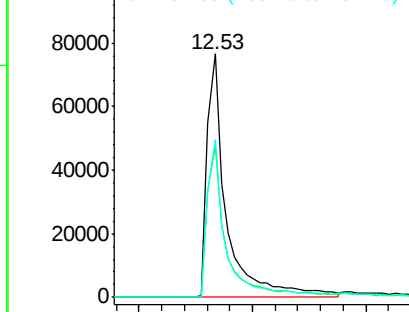


Abundance

Ion 265.70 (265.40 to 266.40): E

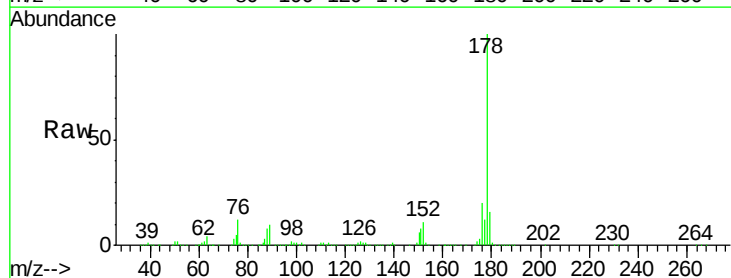
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.08 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.3	12.2	18.4

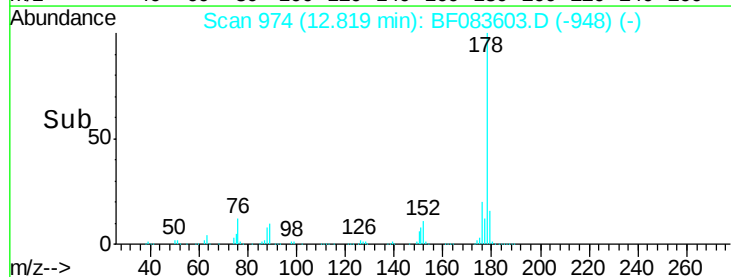
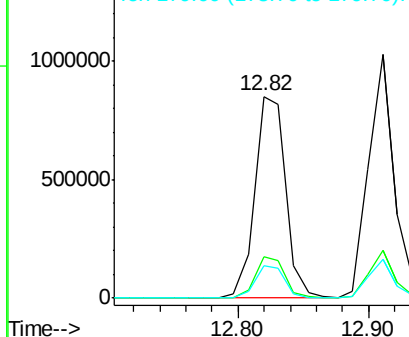


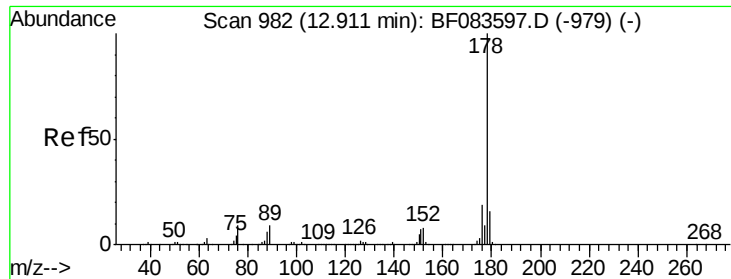
Abundance

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: 39.08 ng

RT: 12.91 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB86955BS

Tot Ion:178 Resp: 1449157

Ion Ratio Lower Upper

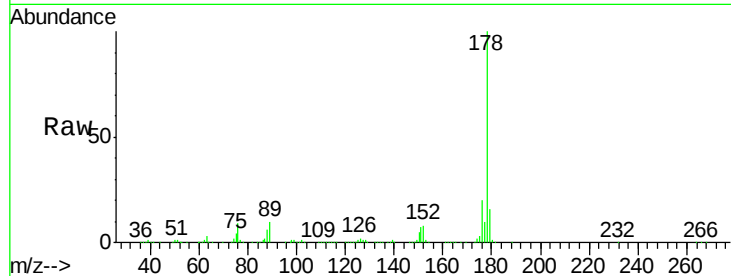
178 100

176 19.7 15.2 22.8

179 15.9 12.6 18.8

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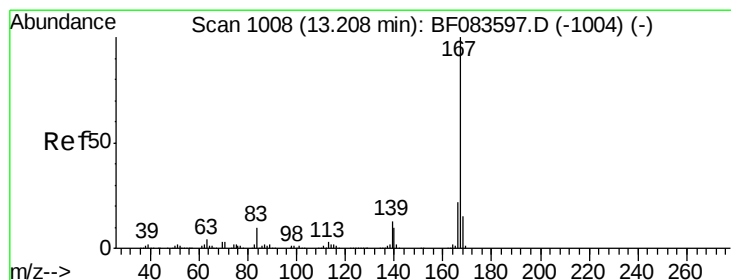
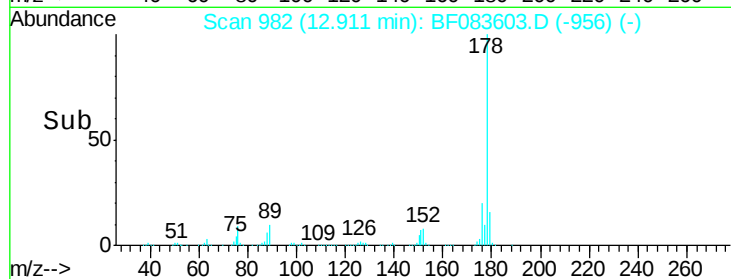
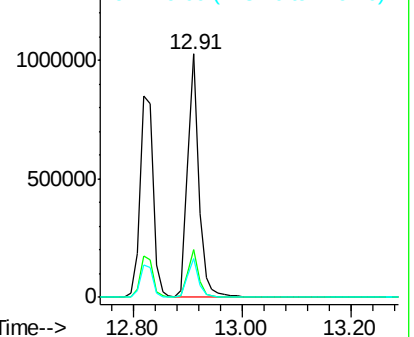
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.77 ng

RT: 13.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

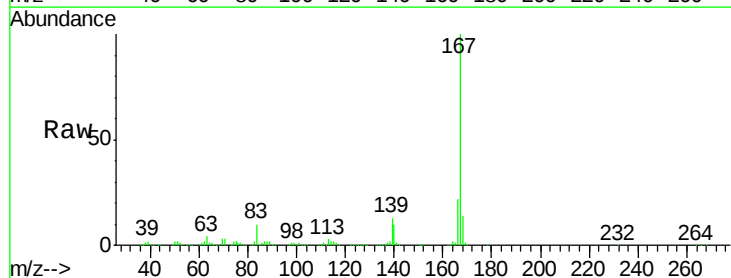
Tgt Ion:167 Resp: 1264593

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

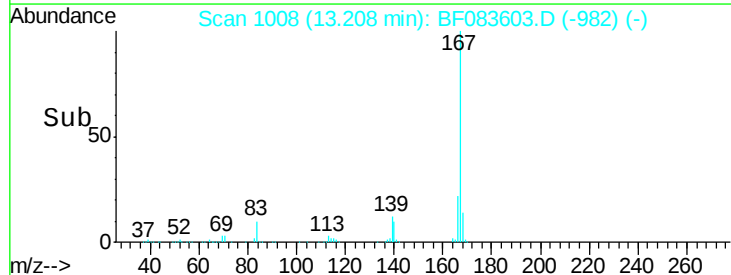
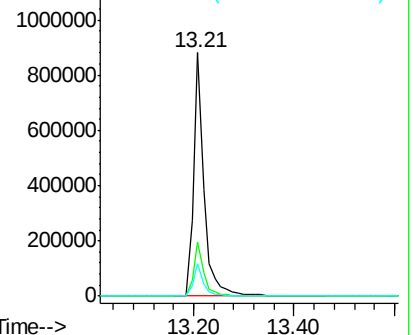
139 13.3 9.3 13.9

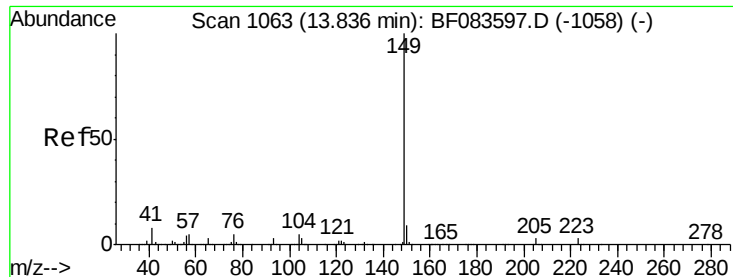


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.01 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB86955BS

Tot Ion:149 Resp: 1600307

Ion Ratio Lower Upper

149 100

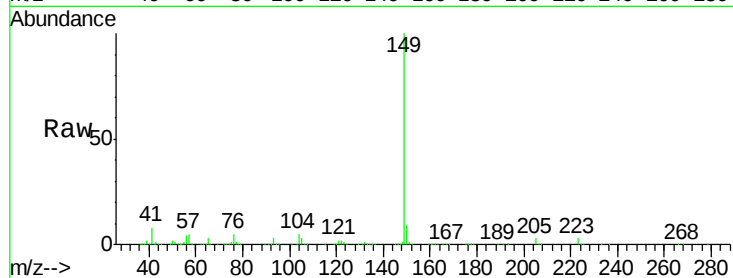
150 9.3 7.8 11.6

104 4.9 3.9 5.9

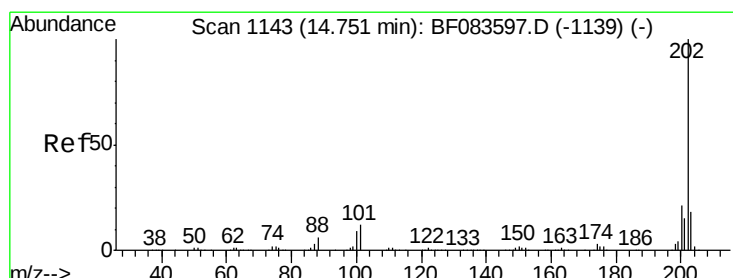
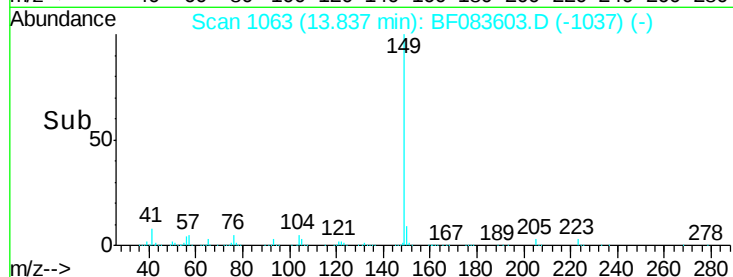
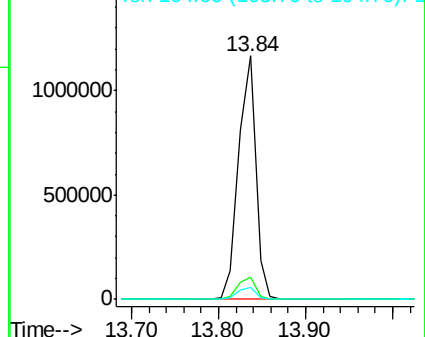
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.50 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

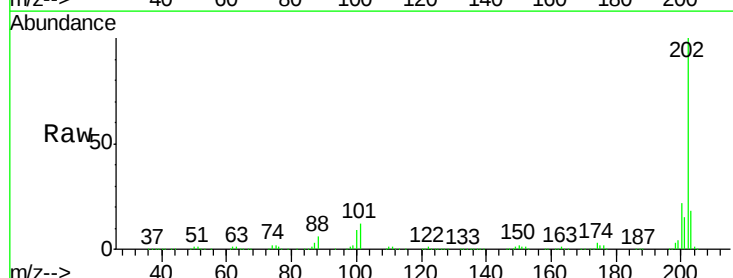
Tgt Ion:202 Resp: 1446514

Ion Ratio Lower Upper

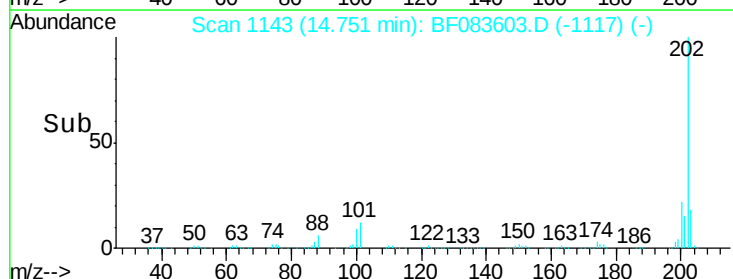
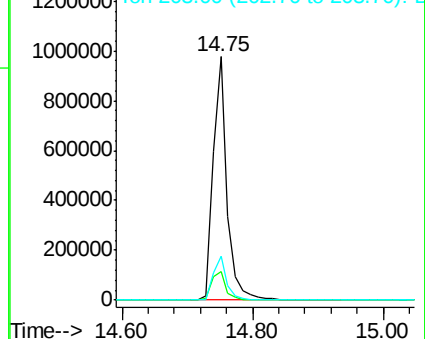
202 100

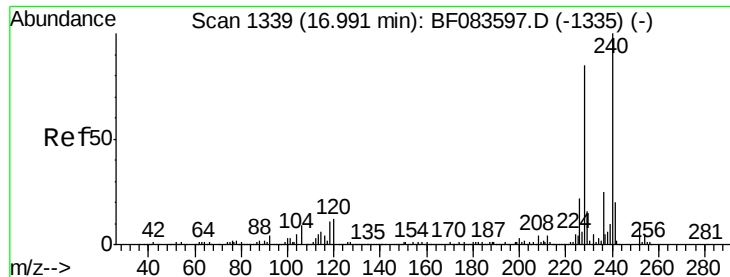
101 11.7 0.0 31.5

203 18.2 0.0 37.6



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

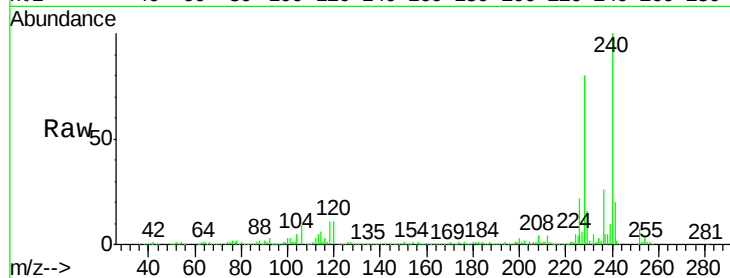
ClientSampleId :

PB86955BS

Tot Ion:	240	Resp:	515755
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.1	12.1
236	25.8	20.8	31.2

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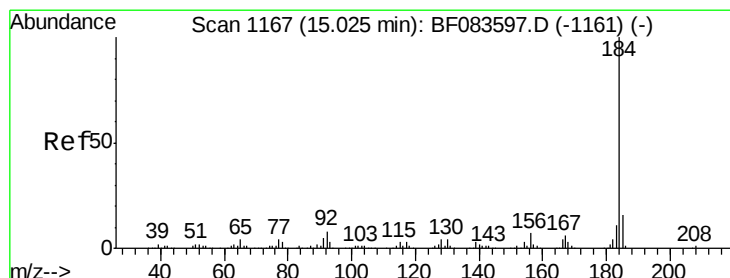
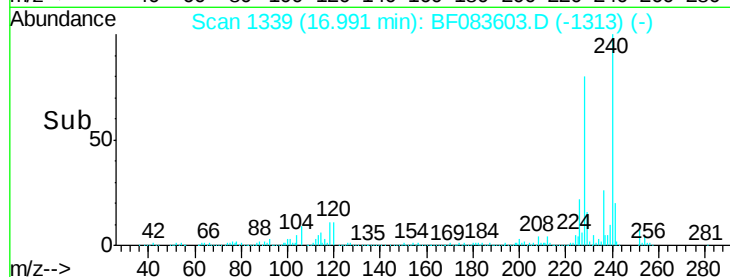
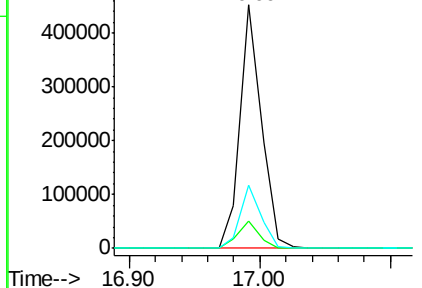
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.33 ng

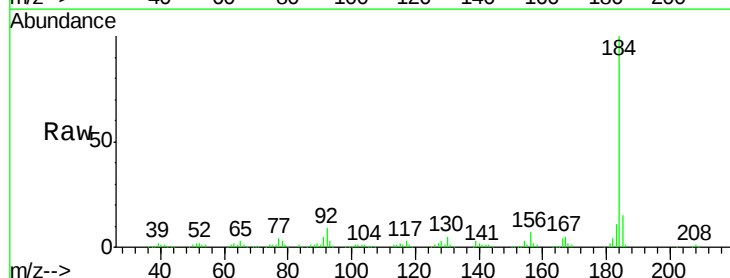
RT: 15.03 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

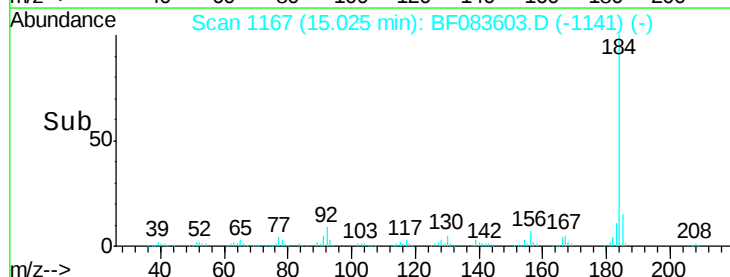
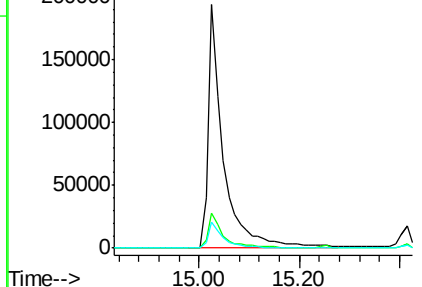
Tgt Ion:	184	Resp:	406312
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	10.9	9.0	13.4

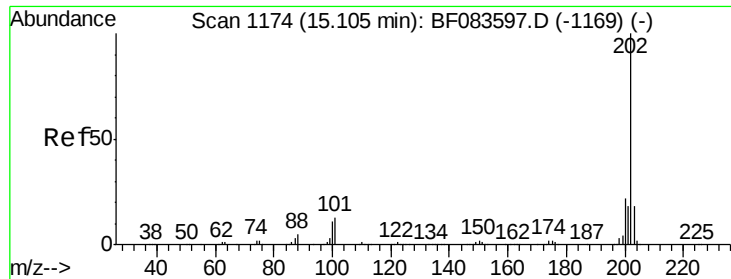


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





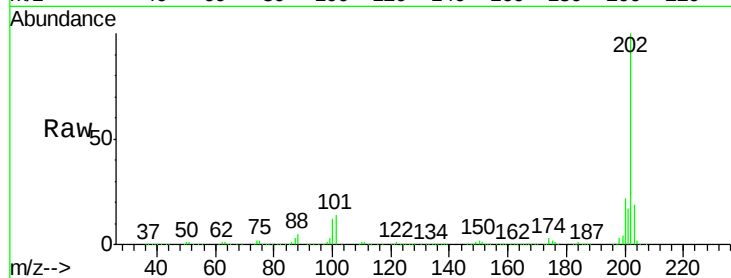
#77
Pvrene
Concen: 39.89 ng
RT: 15.11 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

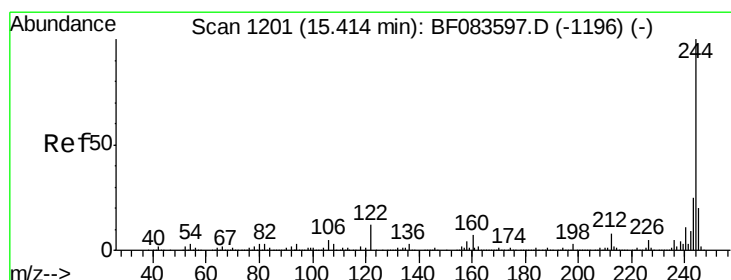
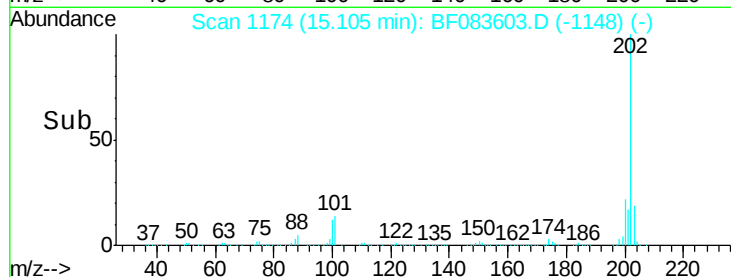
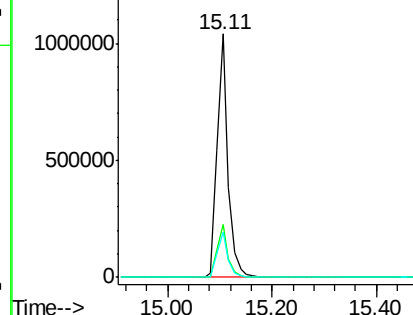
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	18.5	14.3	21.5

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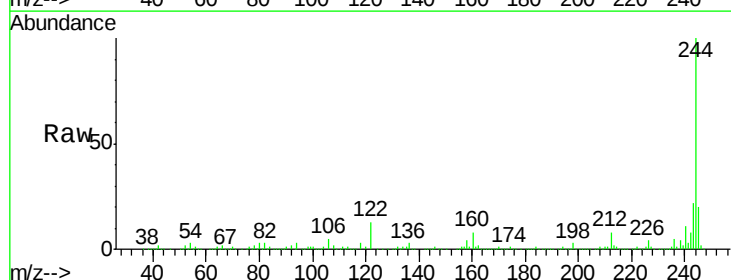


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

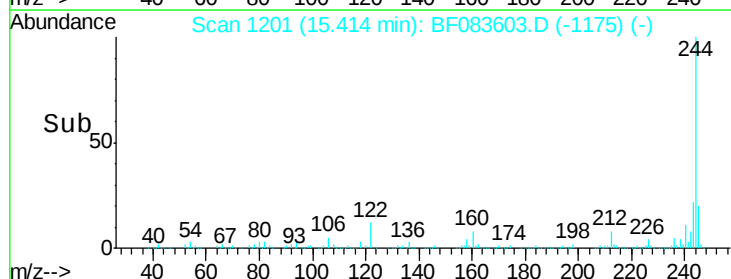
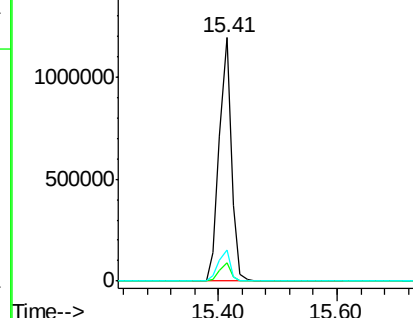


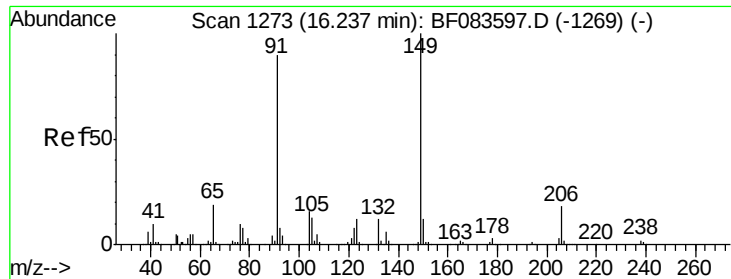
#78
Terphenyl-d14
Concen: 77.80 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.6	11.0	16.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.71 ng

RT: 16.24 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

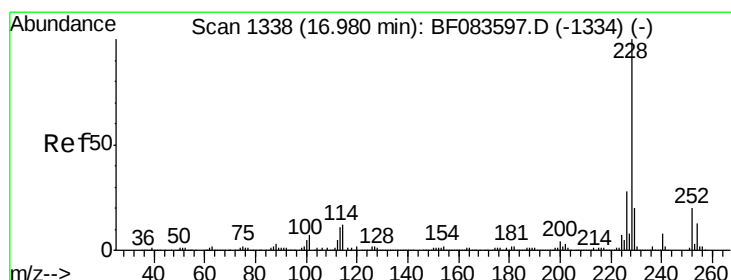
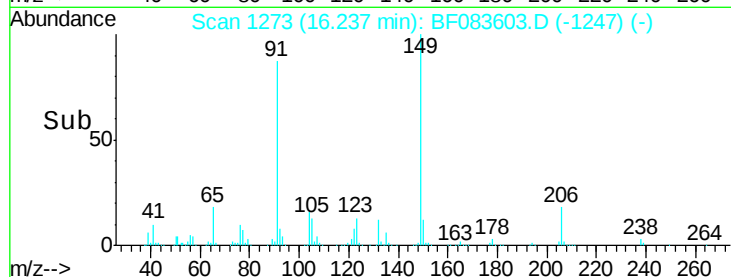
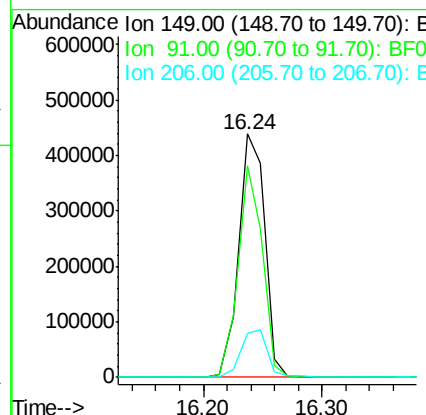
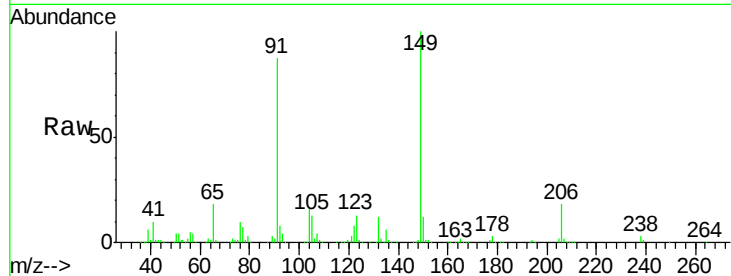
ClientSampleId :

PB86955BS

Tot Ion:	149	Resp:	671015
Ion Ratio	Lower	Upper	
149	100		
91	87.1	60.0	90.0
206	18.1	16.2	24.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 38.20 ng

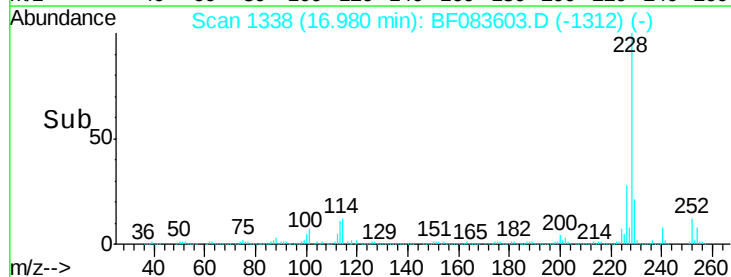
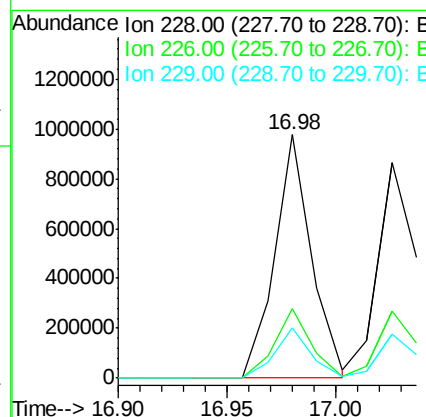
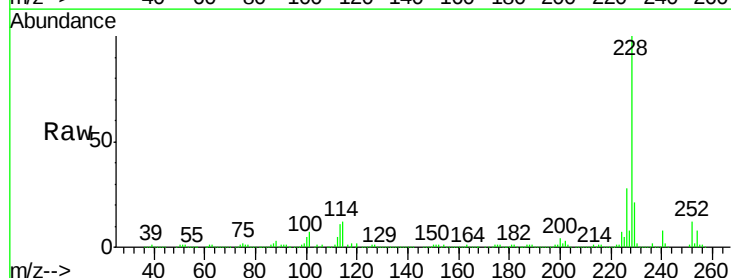
RT: 16.98 min Scan# 1338

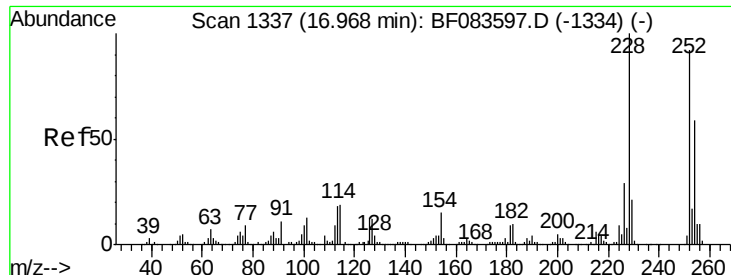
Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion:	228	Resp:	1153039
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.3	33.5
229	20.6	15.7	23.5





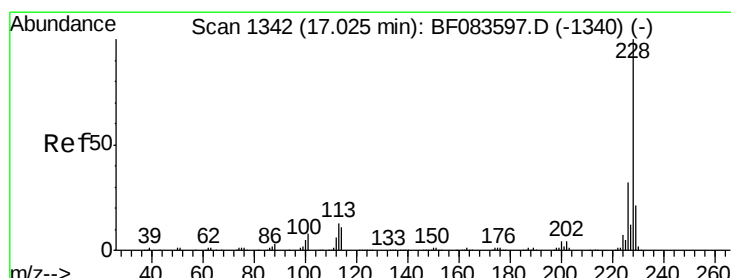
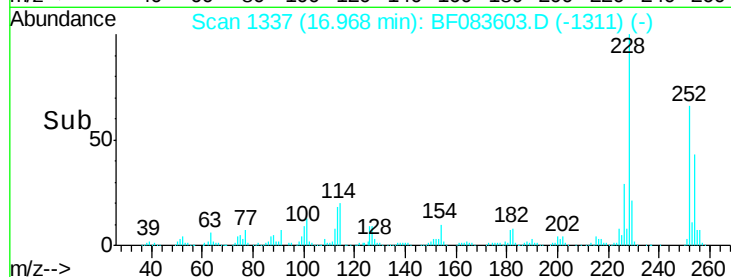
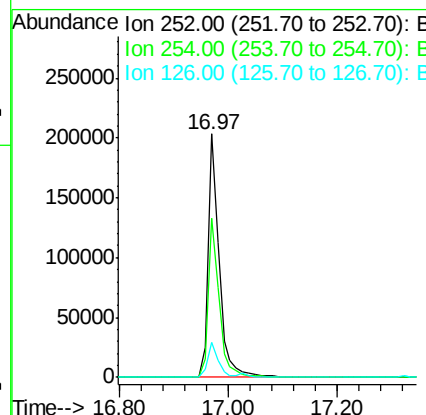
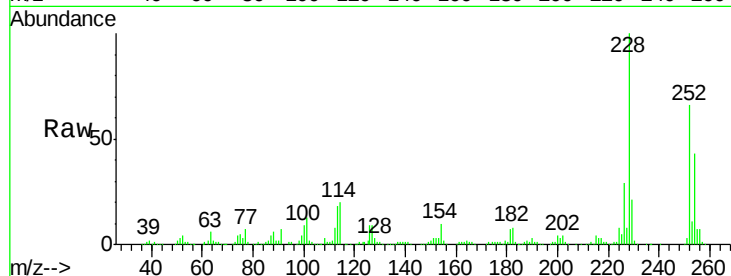
#81
 3,3'-Dichlorobenzidine
 Concen: 27.74 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampled :
 PB86955BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	282892		
254	65.1	50.6	76.0	
126	14.3	11.0	16.4	

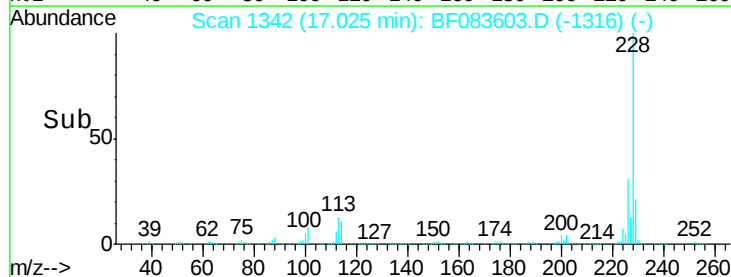
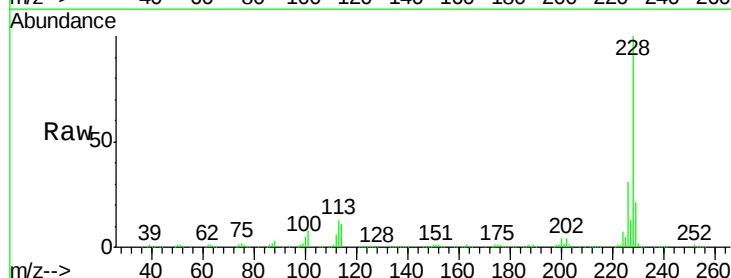
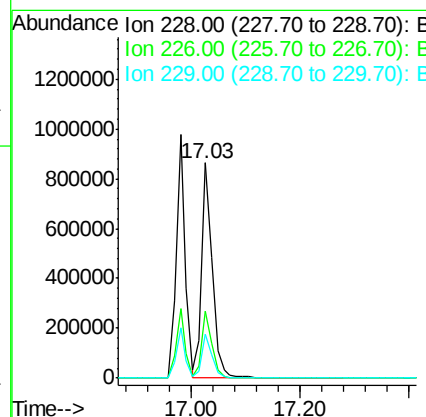
Manual Integrations
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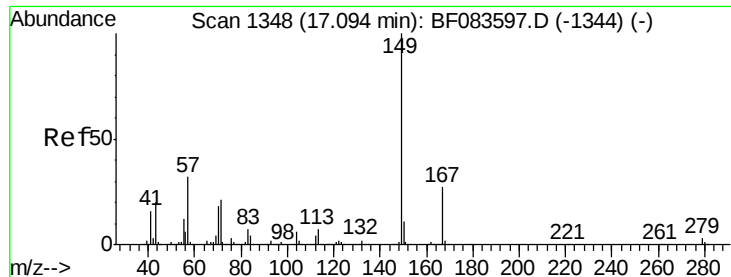
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#82
 Chrysene
 Concen: 38.16 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1154784		
226	31.0	24.7	37.1	
229	20.6	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.55 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA_F

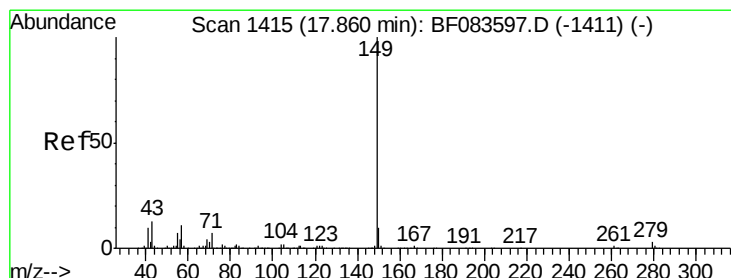
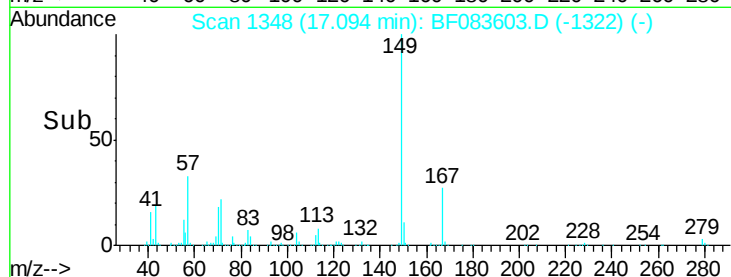
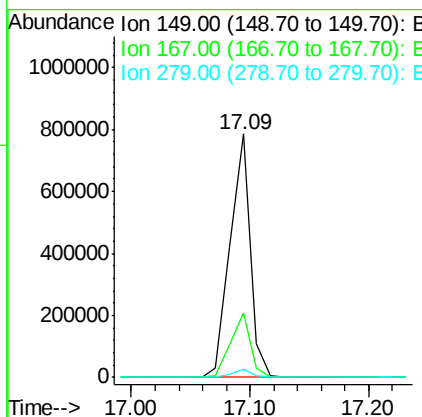
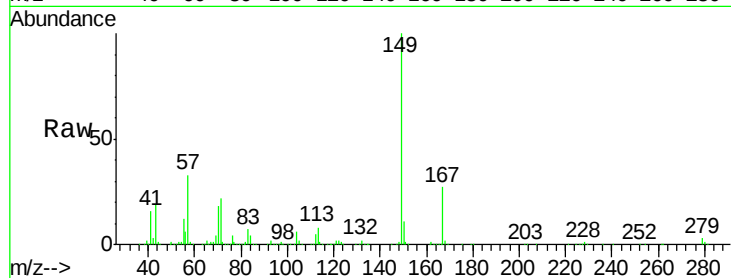
ClientSampleId :

PB86955BS

Tot Ion:	149	Resp:	927548
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.8	32.8
279	3.3	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.33 ng

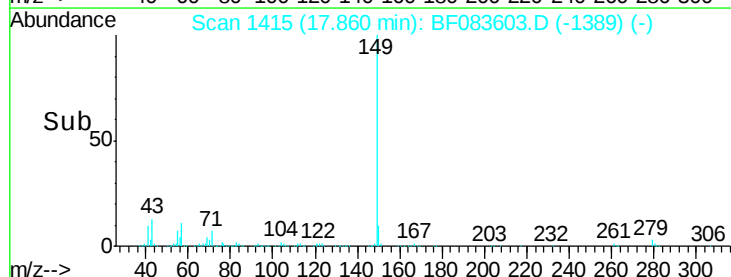
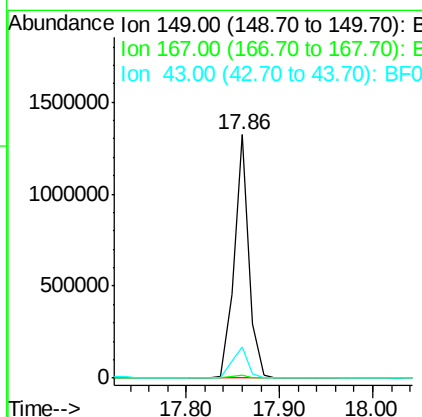
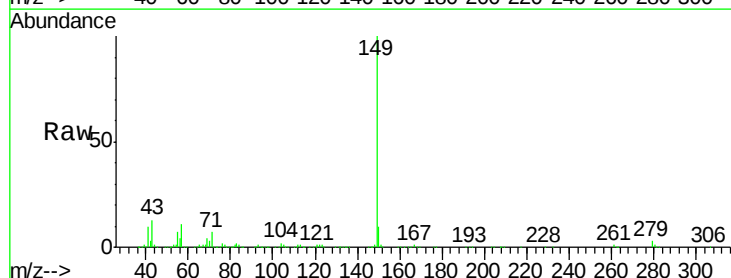
RT: 17.86 min Scan# 1415

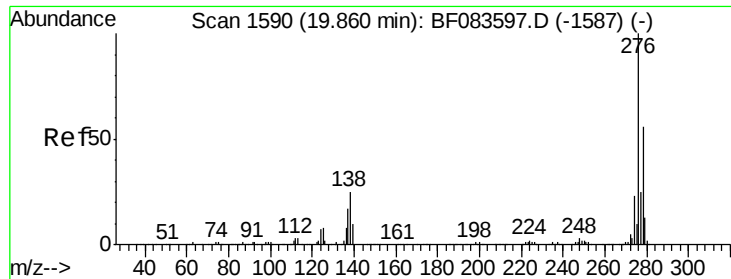
Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion:	149	Resp:	1444604
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	13.7	0.0	0.0#





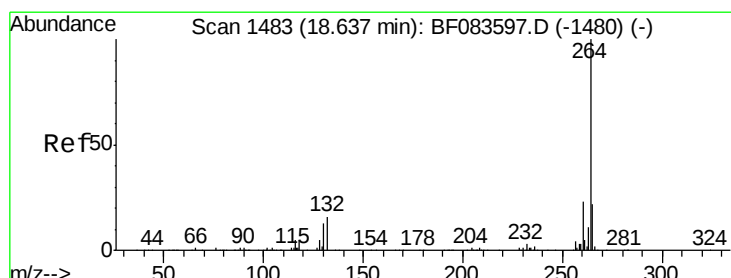
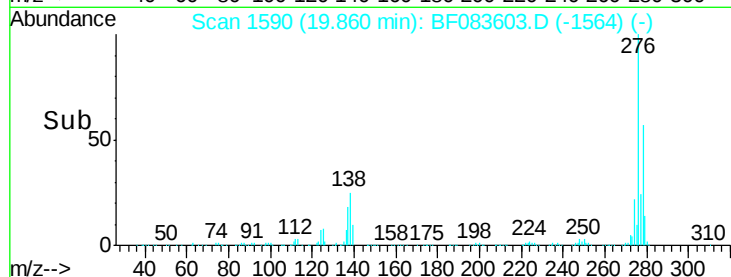
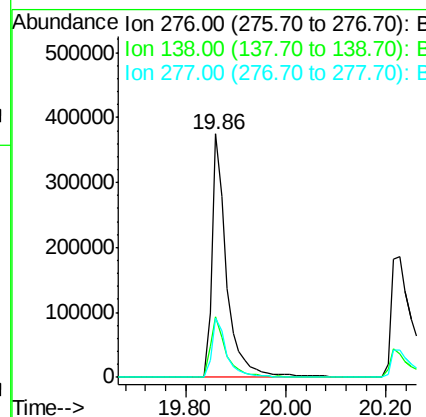
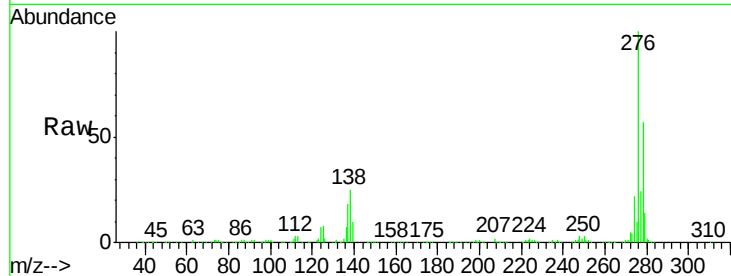
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.09 ng
 RT: 19.86 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.7	0.0	0.0#
277	25.2	0.0	0.0#

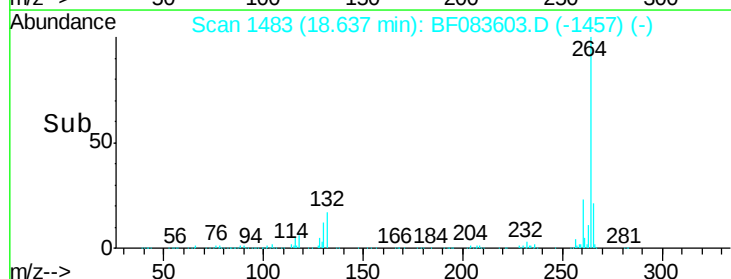
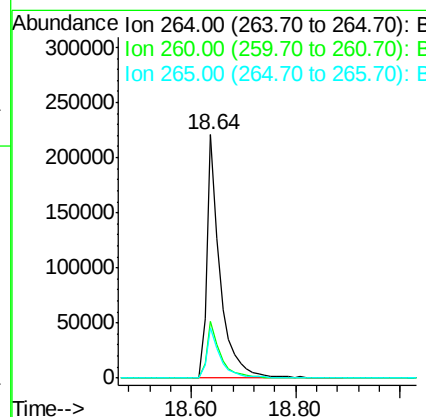
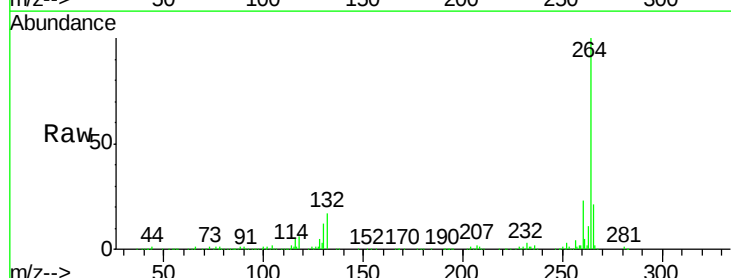
Manual Integrations
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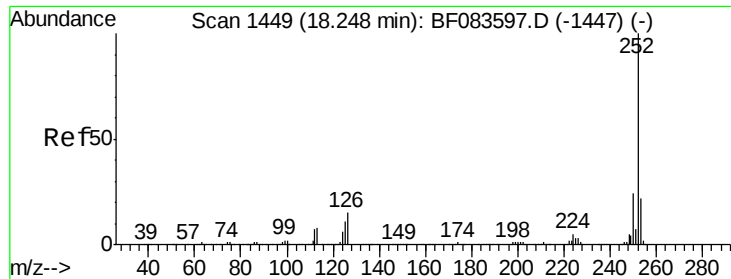
Mmdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF083603.D
 Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	19.4	29.0
265	20.8	17.8	26.6





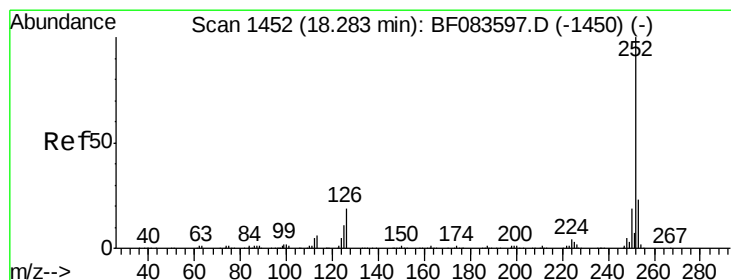
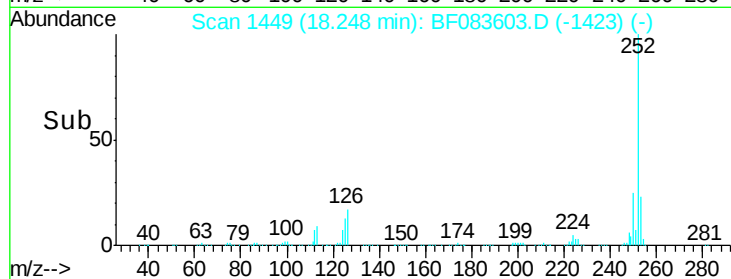
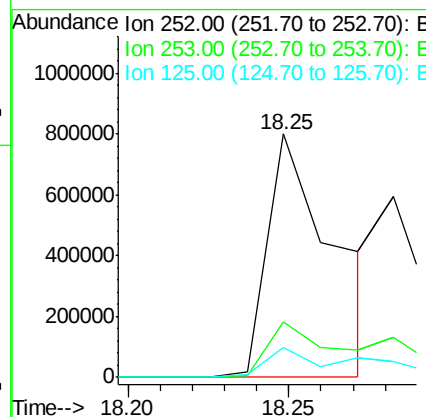
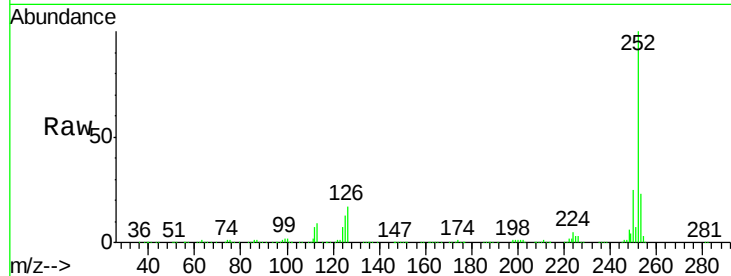
#87
Benzo(b)fluoranthene
Concen: 52.14 ng m
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.5	8.2	12.4

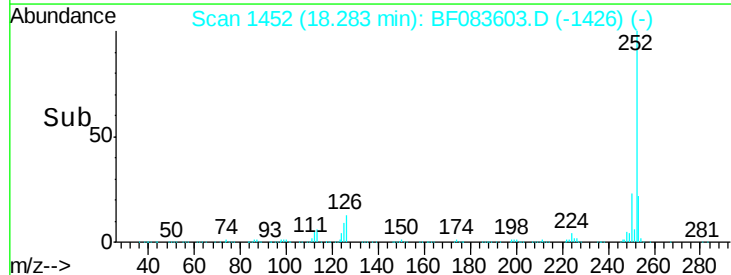
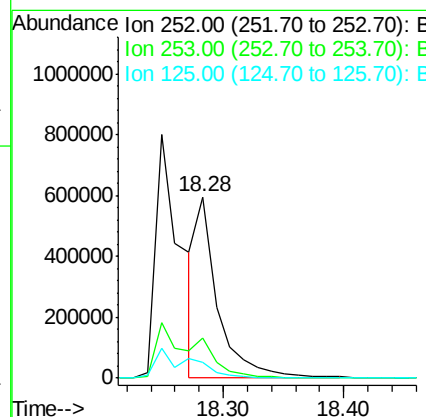
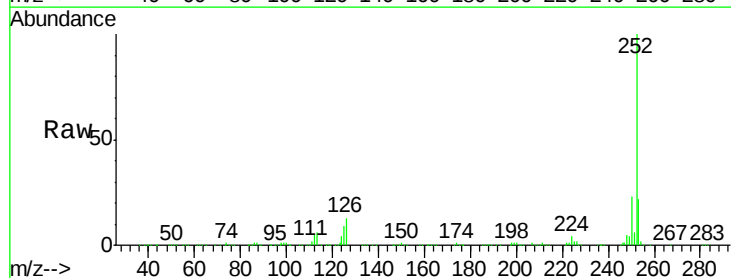
Manual Integrations
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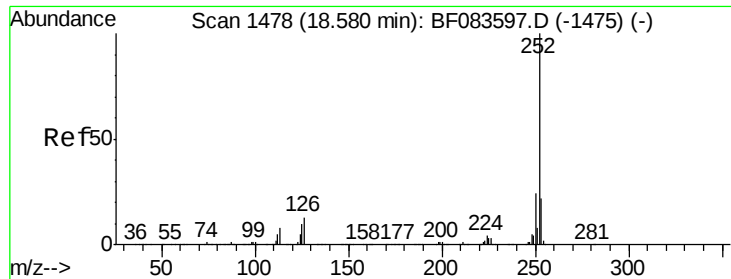
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#88
Benzo(k)fluoranthene
Concen: 30.60 ng m
RT: 18.28 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	8.7	11.5	17.3





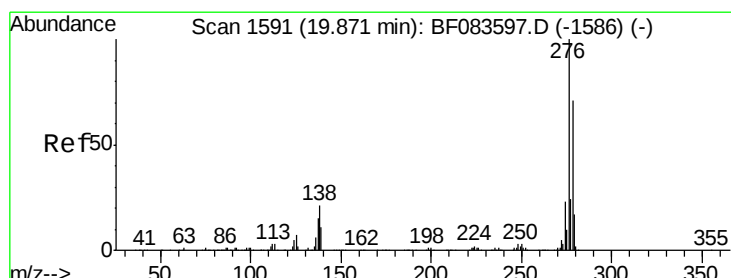
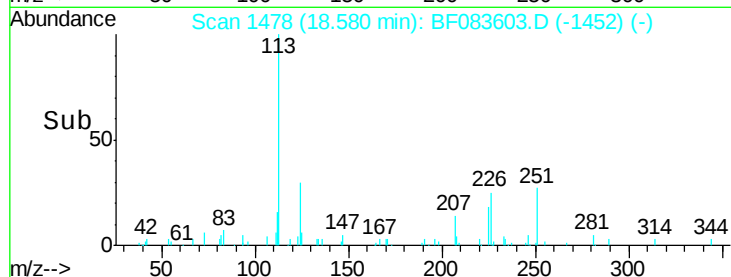
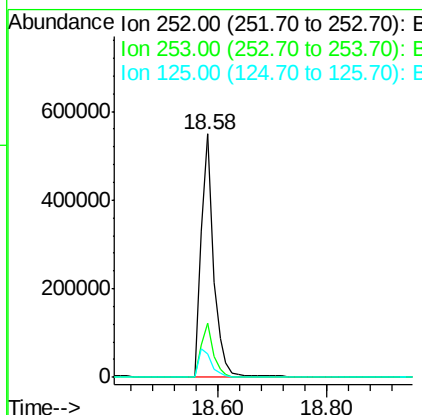
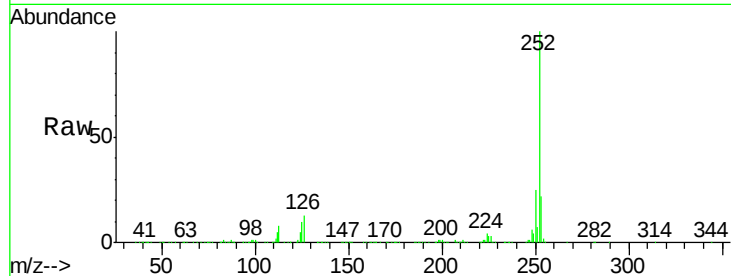
#89
Benzo(a)pyrene
Concen: 39.94 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.5	11.0	16.6

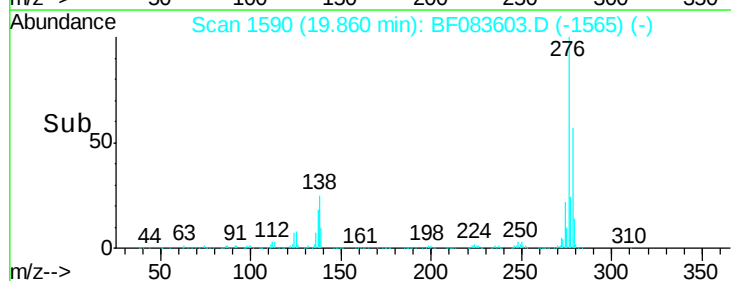
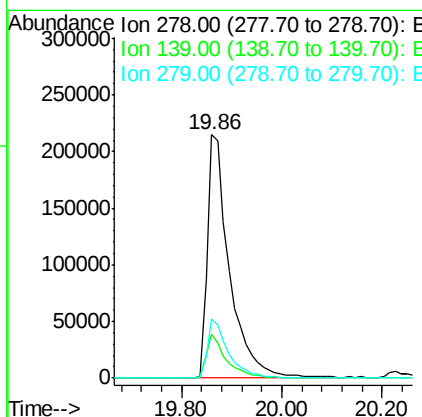
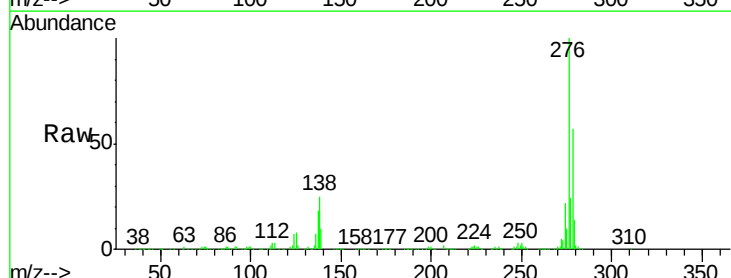
Manual Integrations
APPROVED

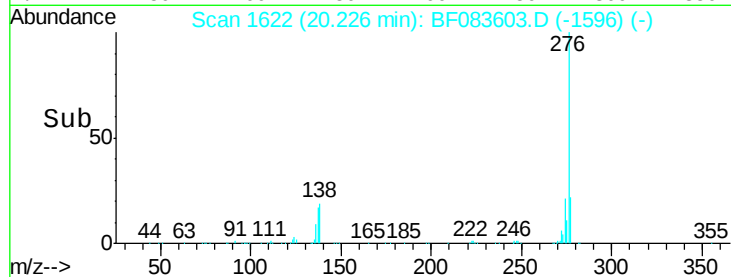
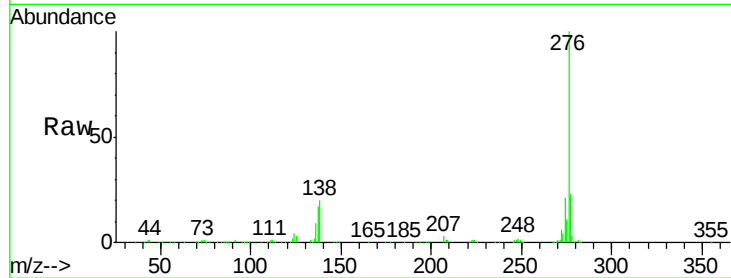
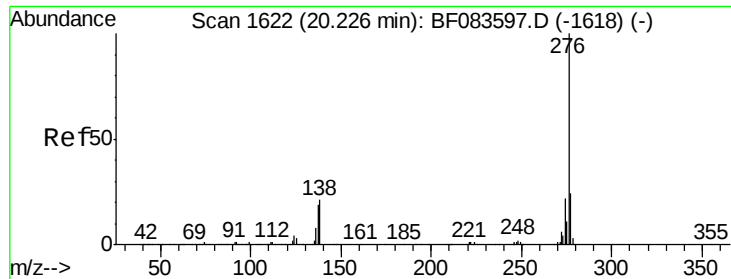
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#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083603.D
Acq: 8 Dec 2015 19:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.8	19.2
279	24.3	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 39.10 ng

RT: 20.23 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tot Ion:	276	Resp:	627387
Ion Ratio	Lower	Upper	
276	100		
277	22.6	19.2	28.8
138	19.9	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

PB86955BS

Manual Integrations
APPROVED

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