

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083605.D
 Acq On : 8 Dec 2015 20:21
 Operator : UM/IZ
 Sample : PB87006BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:23 PM

Quant Time: Dec 17 10:17:57 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	134070	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	537524	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	266682	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	509454	20.00	ng	0.00
75) Chrysene-d12	16.99	240	423257	20.00	ng	0.00
86) Perylene-d12	18.64	264	324311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.98	112	802016	90.73	ng	0.01
7) Phenol-d6	5.28	99	1034336	87.57	ng	0.00
23) Nitrobenzene-d5	6.53	82	964215	83.70	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	212704	89.53	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1568131	82.76	ng	0.00
78) Terphenyl-d14	15.41	244	1563621	86.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	141694	32.45	ng	# 90
3) Pyridine	2.30	79	355476	33.50	ng	98
4) n-Nitrosodimethylamine	2.26	42	230575	41.28	ng	83
6) Aniline	5.26	93	411410	28.27	ng	95
8) 2-Chlorophenol	5.42	128	407515	42.15	ng	95
9) Benzaldehyde	5.13	77	85437	11.31	ng	97
10) Phenol	5.29	94	611469	42.74	ng	82
11) bis(2-Chloroethyl)ether	5.36	93	405520	38.53	ng	98
12) 1,3-Dichlorobenzene	5.61	146	432927m	40.18	ng	
13) 1,4-Dichlorobenzene	5.72	146	445182	40.27	ng	99
14) 1,2-Dichlorobenzene	5.94	146	430986	42.01	ng	98
15) Benzyl Alcohol	5.95	79	406713	48.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.13	45	787076	40.44	ng	78
17) 2-Methylphenol	6.14	107	342001	43.48	ng	93
18) Hexachloroethane	6.41	117	159011	40.74	ng	# 86
19) n-Nitroso-di-n-propylamine	6.34	70	353010	42.82	ng	98
20) 3+4-Methylphenols	6.38	107	444506	42.92	ng	100
22) Acetophenone	6.32	105	583248	38.68	ng	# 98
24) Nitrobenzene	6.56	77	484794	38.08	ng	98
25) Isophorone	6.93	82	895269	40.05	ng	99
26) 2-Nitrophenol	7.04	139	209827	41.50	ng	92
27) 2,4-Dimethylphenol	7.16	122	381434	43.13	ng	97
28) bis(2-Chloroethoxy)methane	7.29	93	536014	43.18	ng	97
29) 2,4-Dichlorophenol	7.45	162	343009	42.65	ng	97
30) 1,2,4-Trichlorobenzene	7.53	180	353878	39.83	ng	97
31) Naphthalene	7.63	128	1164595	40.91	ng	99
32) Benzoic acid	7.48	122	205623	37.02	ng	96
33) 4-Chloroaniline	7.78	127	201476	19.41	ng	93
34) Hexachlorobutadiene	7.84	225	208030	40.08	ng	98
35) Caprolactam	8.37	113	111925m	46.37	ng	
36) 4-Chloro-3-methylphenol	8.62	107	392941	43.49	ng	93
37) 2-Methylnaphthalene	8.73	142	777296	43.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	345931	39.51	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	141093	72.13	ng	98

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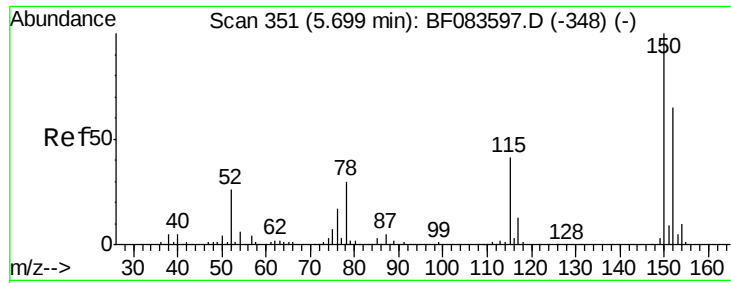
Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:23 PM

Quant Time: Dec 17 10:17:57 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)
42) 2,4,6-Trichlorophenol	9.23	196	212071	40.71	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	222814	43.20	nq	98
45) 1,1'-Biphenyl	9.49	154	916971	39.56	nq	100
46) 2-Chloronaphthalene	9.50	162	719324	41.10	nq	96
47) 2-Nitroaniline	9.72	65	276001	43.73	nq	97
48) Acenaphthylene	10.16	152	1172841	40.64	nq	100
49) Dimethylphthalate	10.04	163	896347	42.22	nq	99
50) 2,6-Dinitrotoluene	10.13	165	191502	43.69	nq	87
51) Acenaphthene	10.44	154	680190	41.17	nq	99
52) 3-Nitroaniline	10.41	138	109433	23.49	nq	85
53) 2,4-Dinitrophenol	10.60	184	168637	77.90	nq	100
54) Dibenzofuran	10.73	168	1042557	45.51	nq	97
55) 4-Nitrophenol	10.81	139	190828	93.05	nq	93
56) 2,4-Dinitrotoluene	10.80	165	262303	45.12	nq	# 82
57) Fluorene	11.28	166	842763	42.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	201405	48.46	nq	# 100
59) Diethylphthalate	11.18	149	858189	41.58	nq	98
60) 4-Chlorophenyl-phenylether	11.30	204	404356	42.48	nq	99
61) 4-Nitroaniline	11.40	138	178527	42.19	nq	87
62) Azobenzene	11.56	77	1084076	47.72	nq	97
64) 4,6-Dinitro-2-methylphenol	11.46	198	135057	39.28	nq	88
65) n-Nitrosodiphenylamine	11.52	169	716065	42.59	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	227336	40.01	nq	97
67) Hexachlorobenzene	12.17	284	256031	42.47	nq	# 91
68) Atrazine	12.43	200	212177	42.41	nq	100
69) Pentachlorophenol	12.53	266	152369	91.34	nq	98
70) Phenanthrene	12.82	178	1241567	42.42	nq	99
71) Anthracene	12.91	178	1292461	42.62	nq	100
72) Carbazole	13.21	167	1136043	43.69	nq	99
73) Di-n-butylphthalate	13.84	149	1425578	43.59	nq	99
74) Fluoranthene	14.75	202	1278439	42.69	nq	99
76) Benzidine	15.04	184	208182	15.81	nq	98
77) Pyrene	15.11	202	1320721	43.34	nq	99
79) Butylbenzylphthalate	16.24	149	576440	42.62	nq	91
80) Benzo(a)anthracene	16.98	228	1060785	42.82	nq	99
81) 3,3'-Dichlorobenzidine	16.97	252	277991	33.22	nq	97
82) Chrysene	17.03	228	1038543	41.82	nq	98
83) Bis(2-ethylhexyl)phthalate	17.09	149	818374	43.59	nq	99
84) Di-n-octyl phthalate	17.86	149	1283321	44.74	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.86	276	684574	40.84	nq	# 100
87) Benzo(b)fluoranthene	18.25	252	804068m	43.54	nq	
88) Benzo(k)fluoranthene	18.28	252	908351m	44.64	nq	
89) Benzo(a)pyrene	18.58	252	787666	43.71	nq	# 95
90) Dibenzo(a,h)anthracene	19.86	278	585245	42.48	nq	99
91) Benzo(g,h,i)perylene	20.23	276	543724	40.47	nq	96

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



#1

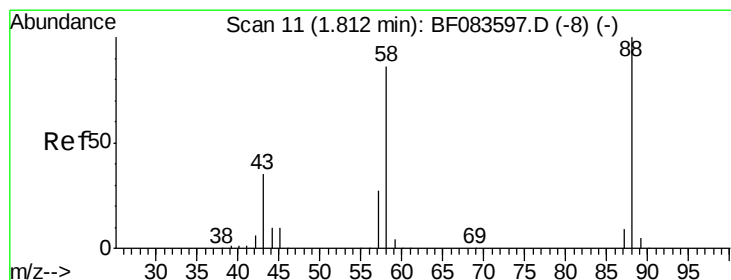
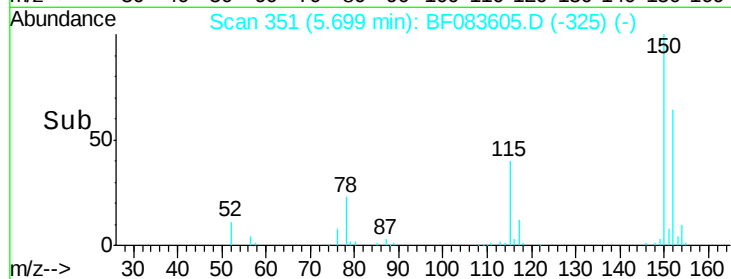
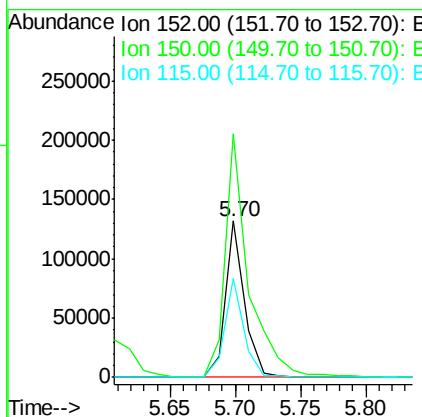
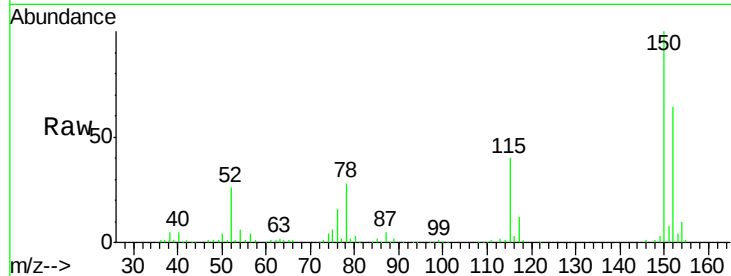
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.5	189.7
115	63.1	52.3	78.5

Manual Integrations
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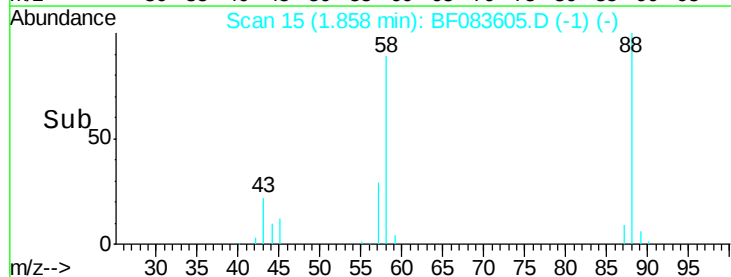
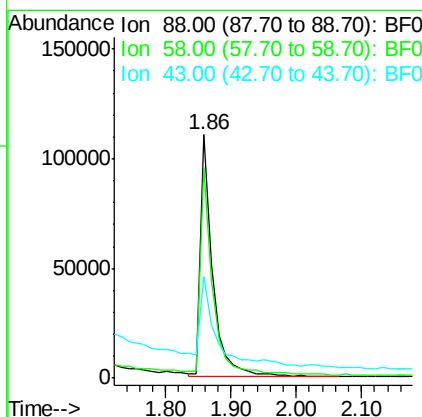
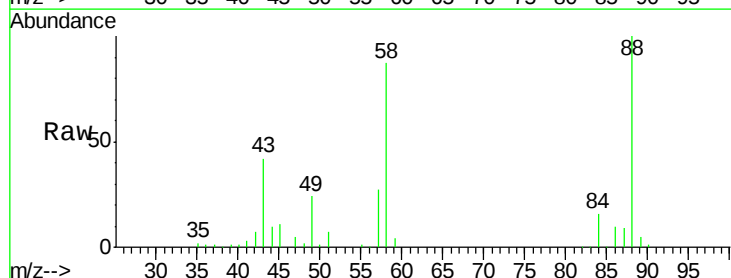
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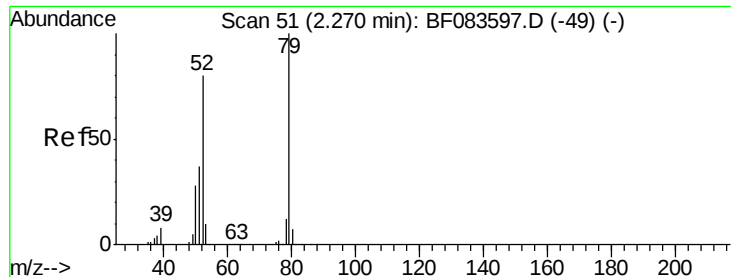


#2

1,4-Dioxane
Concen: 32.45 ng
RT: 1.86 min Scan# 15
Delta R.T. 0.05 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	68.0	102.0
43	48.4	27.9	41.9#





#3

Pvridine

Concen: 33.50 ng

RT: 2.30 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

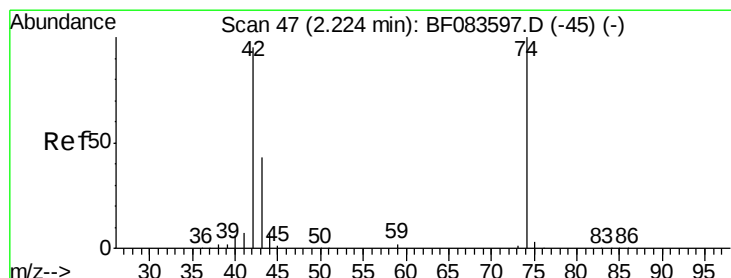
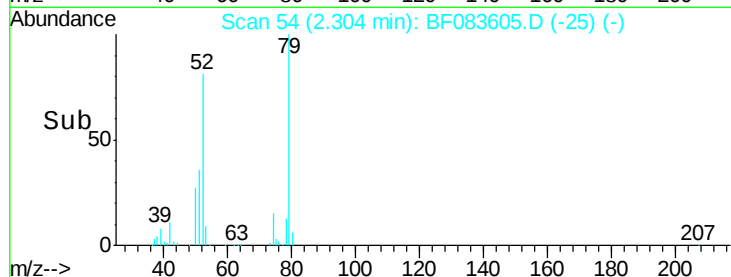
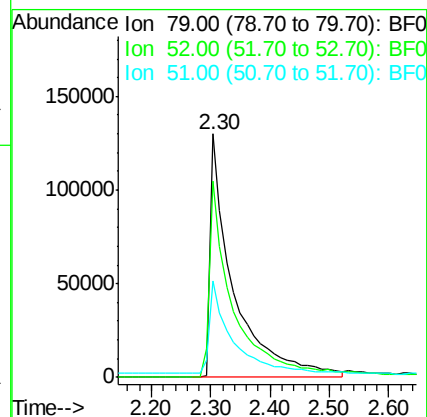
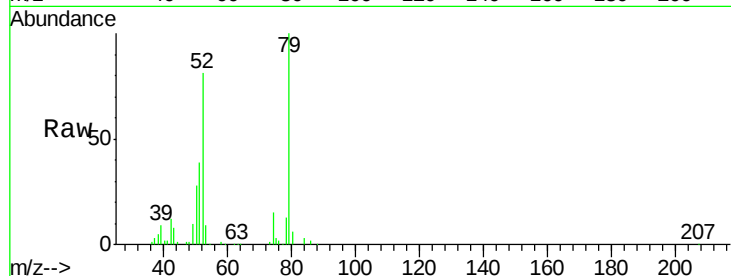
ClientSampleId :

PB87006BS

Tot Ion:	79	Resp:	355476
Ion Ratio	Lower	Upper	
79	100		
52	80.8	63.7	95.5
51	39.4	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.28 ng

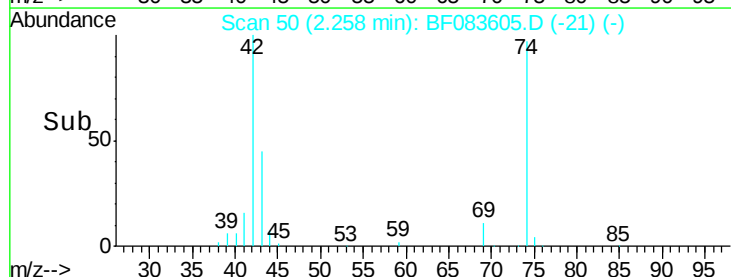
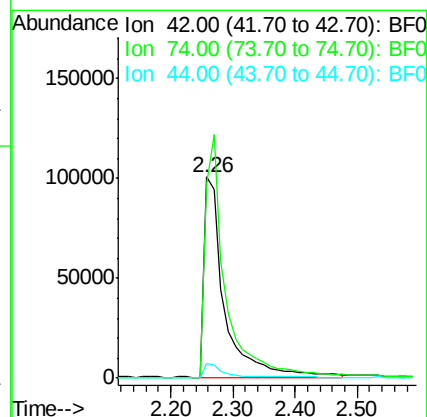
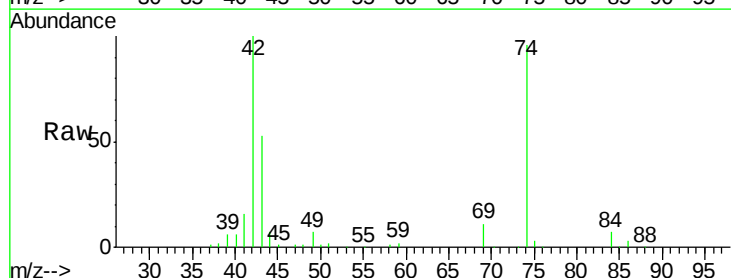
RT: 2.26 min Scan# 50

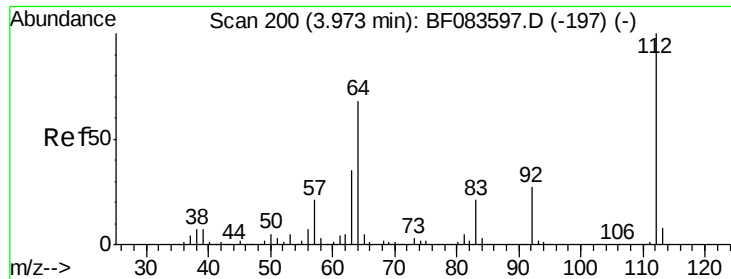
Delta R.T. 0.03 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	42	Resp:	230575
Ion Ratio	Lower	Upper	
42	100		
74	96.0	92.9	139.3
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 90.73 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

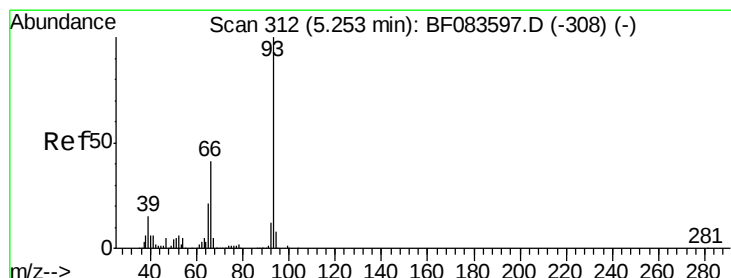
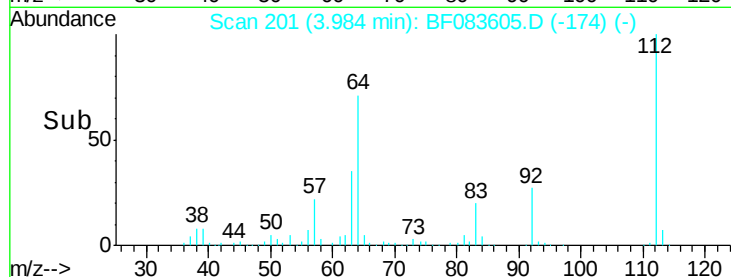
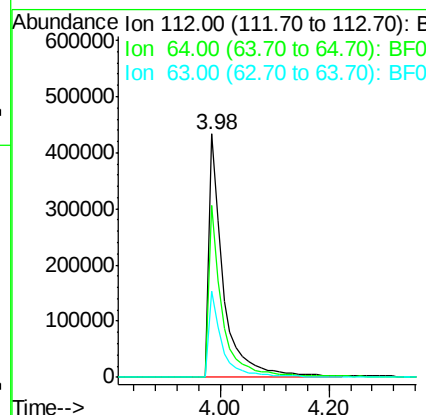
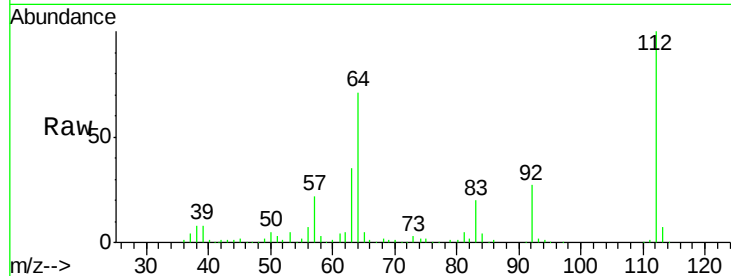
ClientSampleId :

PB87006BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		802016		
64	70.6	50.5	75.7		
63	35.3	25.8	38.6		

Manual Integrations
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#6

Aniline

Concen: 28.27 ng

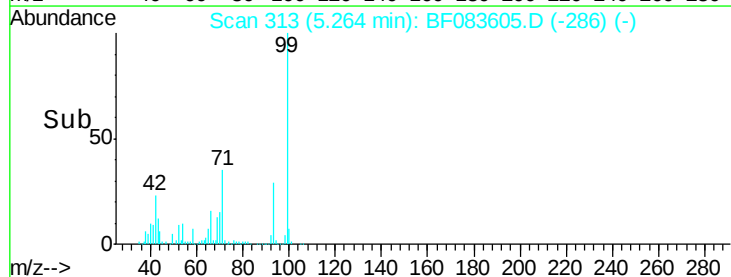
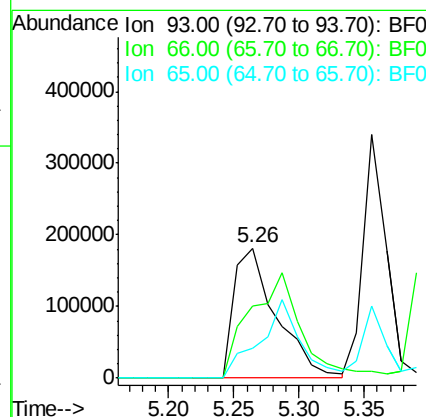
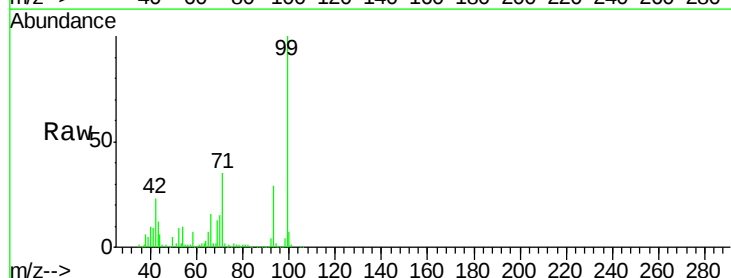
RT: 5.26 min Scan# 313

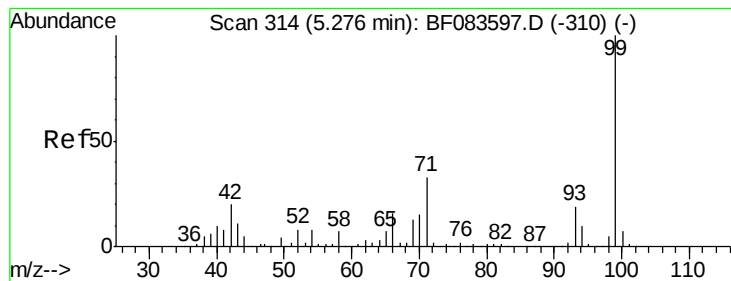
Delta R.T. 0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		411410		
66	55.1	41.3	61.9		
65	23.3	20.8	31.2		





#7

Phenol-d6

Concen: 87.57 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion: 99 Resp: 1034336

Ion Ratio Lower Upper

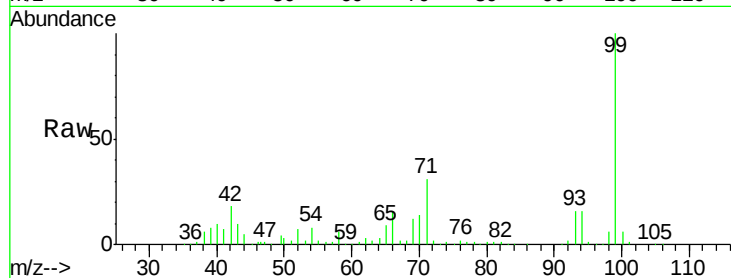
99 100

42 18.5 17.3 25.9

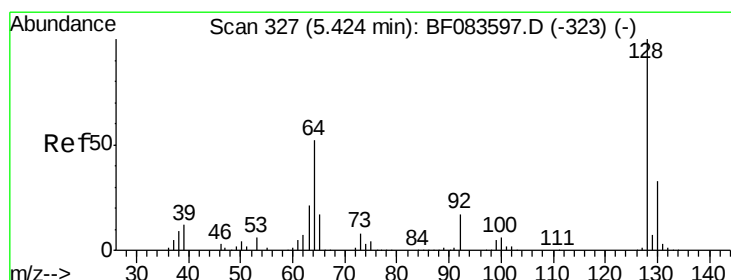
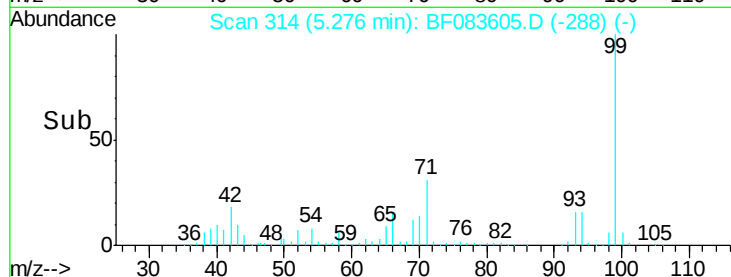
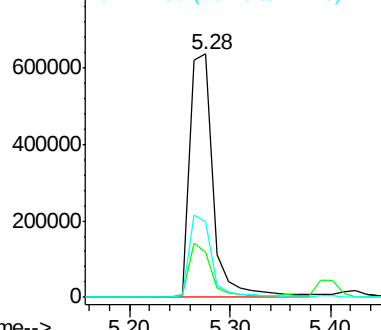
71 31.0 26.6 40.0

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



#8

2-Chlorophenol

Concen: 42.15 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

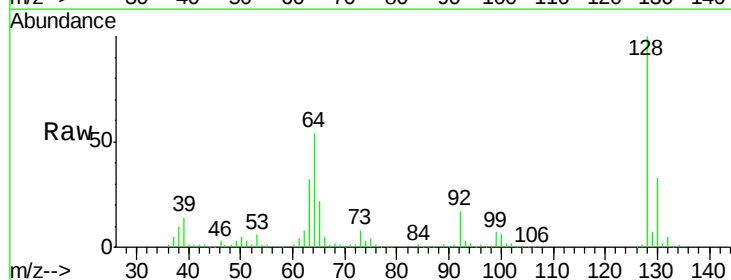
Tgt Ion: 128 Resp: 407515

Ion Ratio Lower Upper

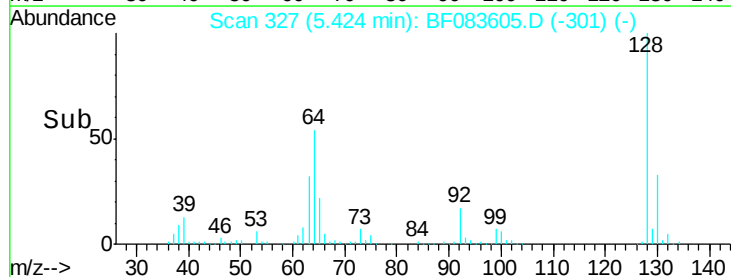
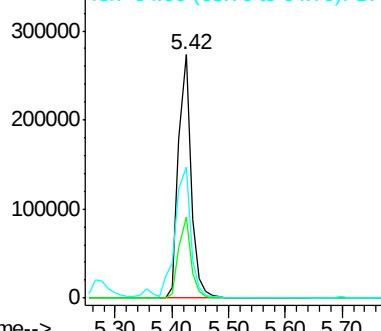
128 100

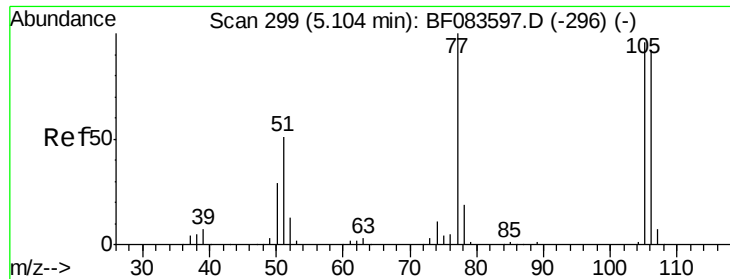
130 33.3 12.6 52.6

64 53.5 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





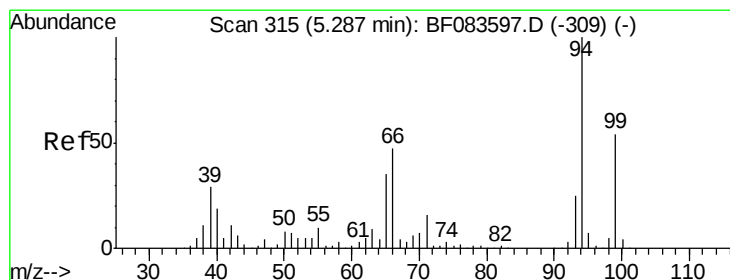
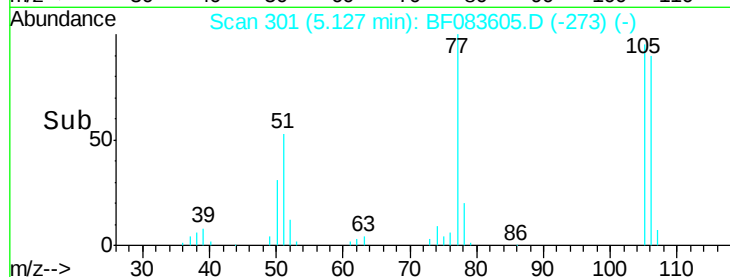
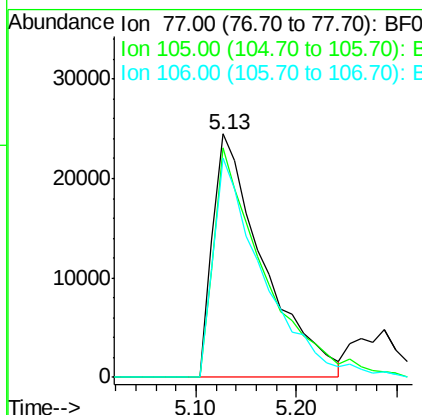
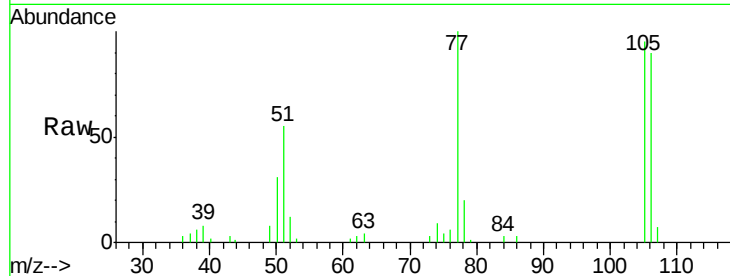
#9
Benzaldehyde
Concen: 11.31 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.02 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.5	71.8	111.8		
106	90.3	66.8	106.8		

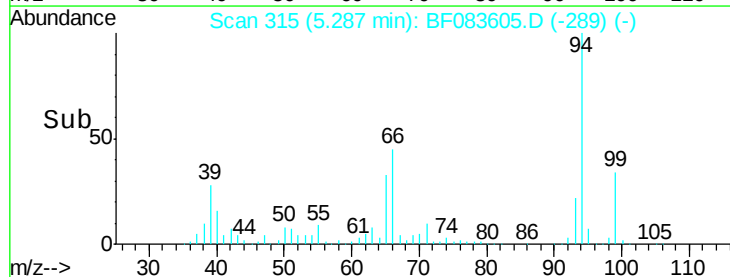
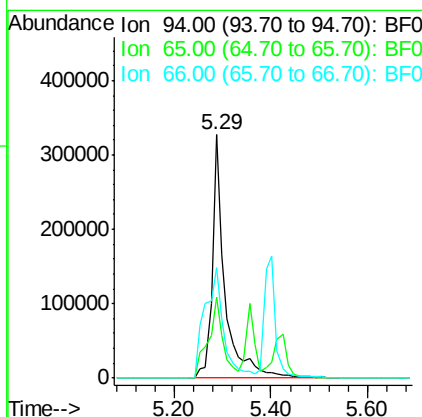
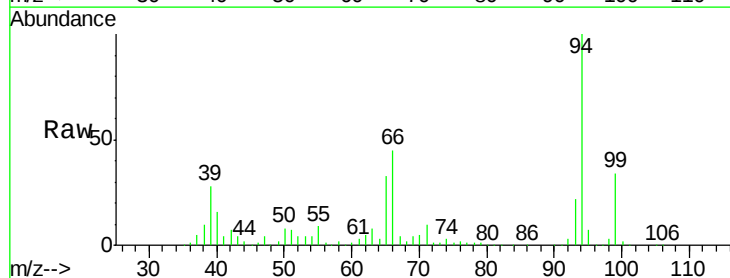
Manual Integrations
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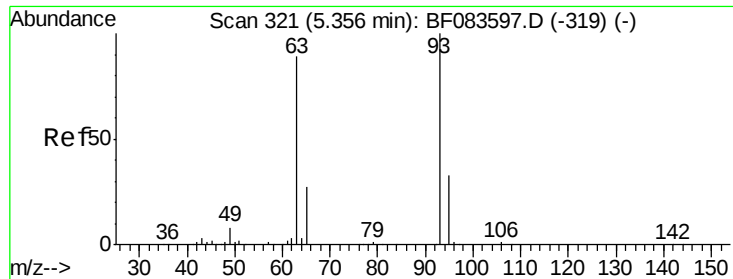
Mmdadoda
12/9/2015 6:13:23 PM



#10
Phenol
Concen: 42.74 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.3	20.9	60.9		
66	45.2	41.6	81.6		





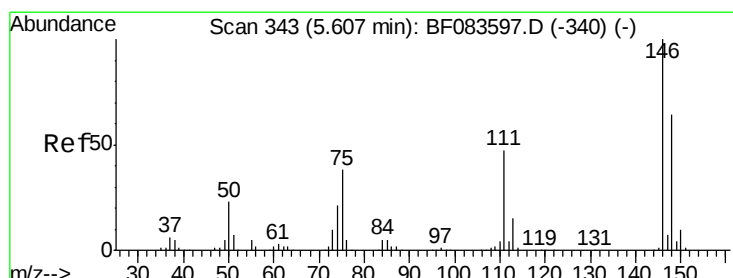
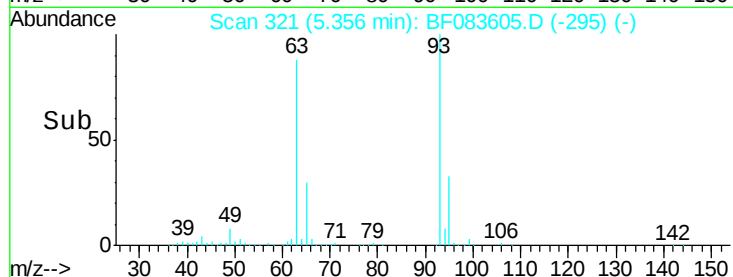
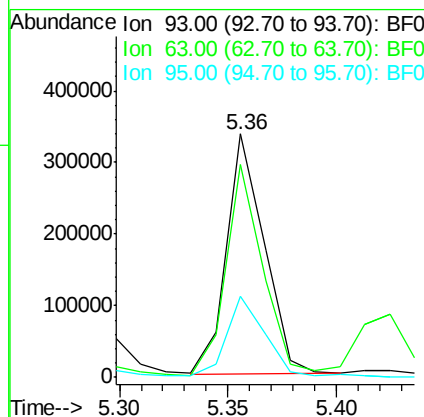
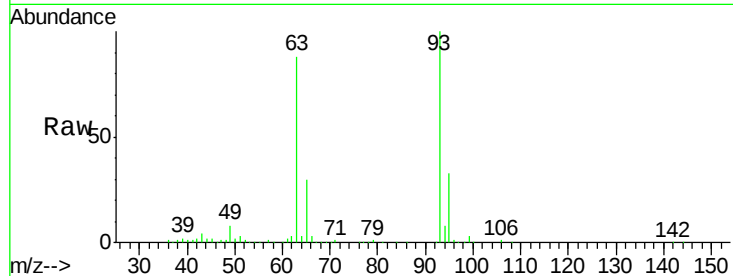
#11
bis(2-Chloroethyl)ether
Concen: 38.53 ng
RT: 5.36 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	64.7	104.7
95	33.0	12.7	52.7

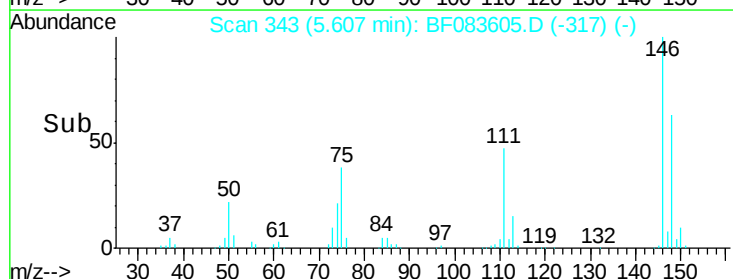
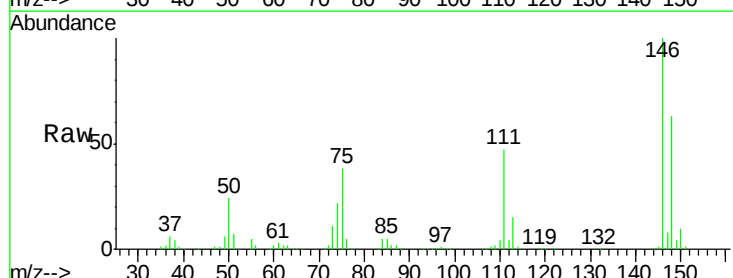
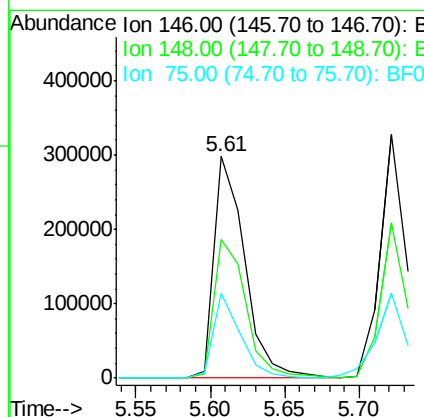
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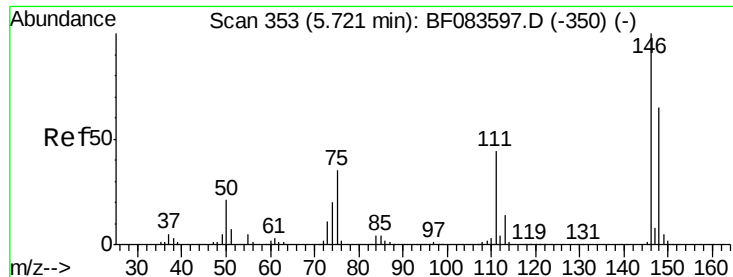
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 40.18 ng m
RT: 5.61 min Scan# 343
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
75	38.4	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 40.27 ng

RT: 5.72 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

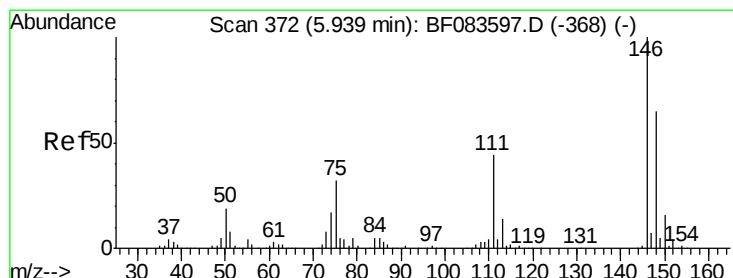
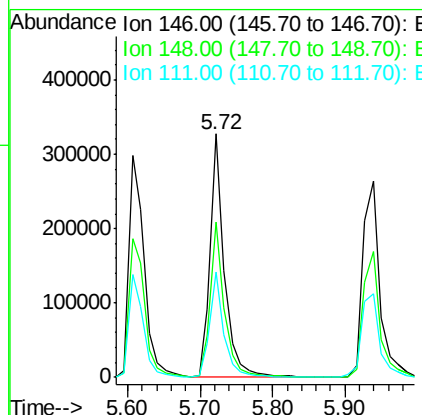
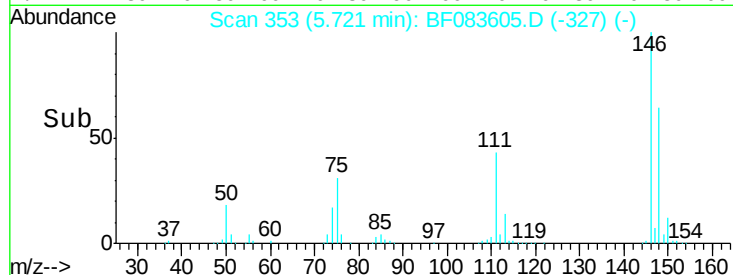
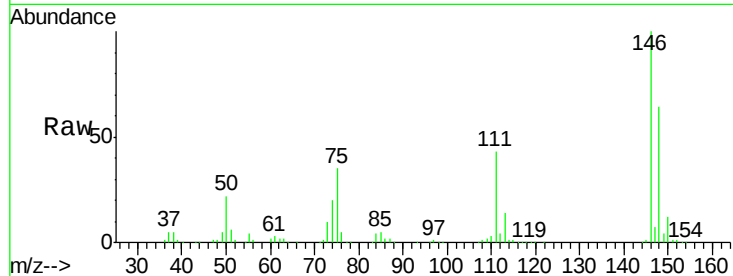
ClientSampleId :

PB87006BS

Tot Ion:	146	Resp:	445182
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	76.0
111	43.2	36.1	54.1

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#14

1,2-Dichlorobenzene

Concen: 42.01 ng

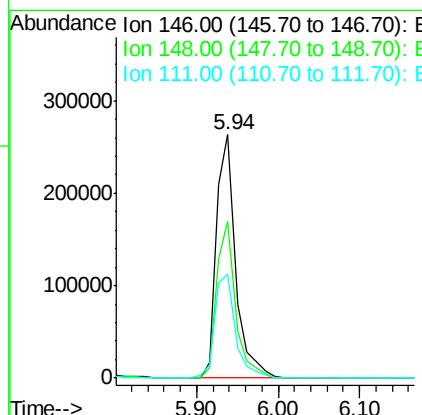
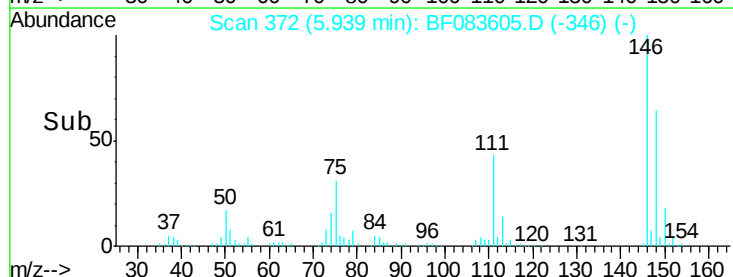
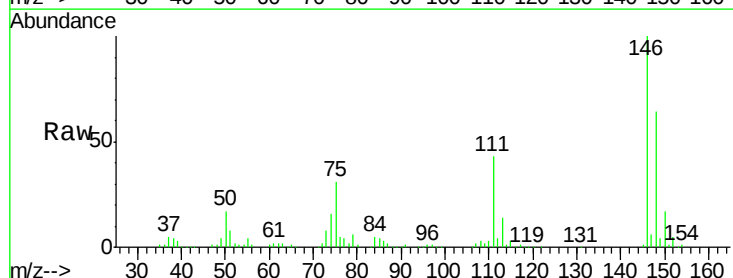
RT: 5.94 min Scan# 372

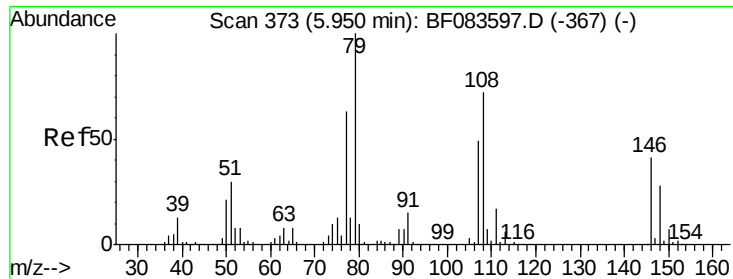
Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	146	Resp:	430986
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.0
111	43.0	36.7	55.1





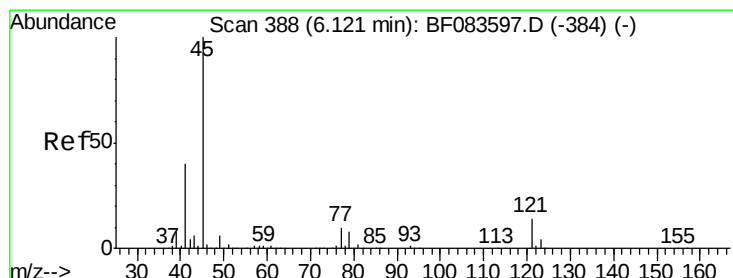
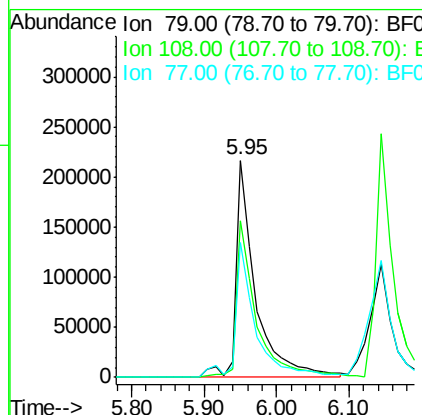
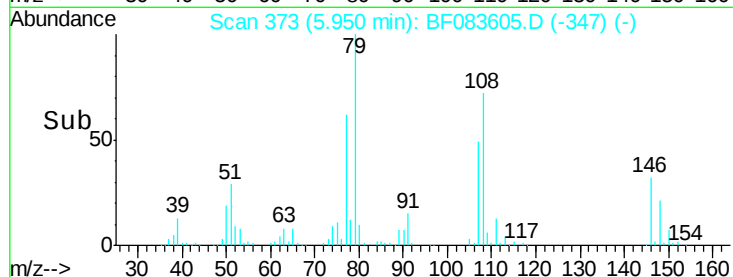
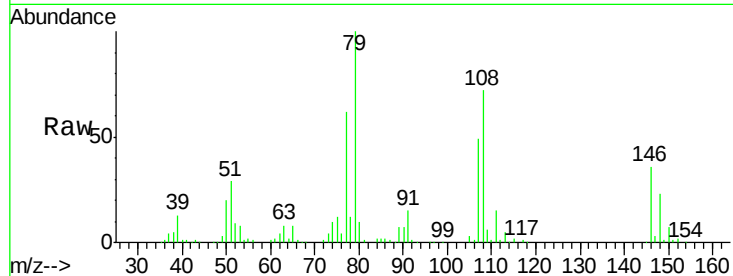
#15
Benzyl Alcohol
Concen: 48.40 ng
RT: 5.95 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.0	59.6	89.4
77	62.3	49.8	74.6

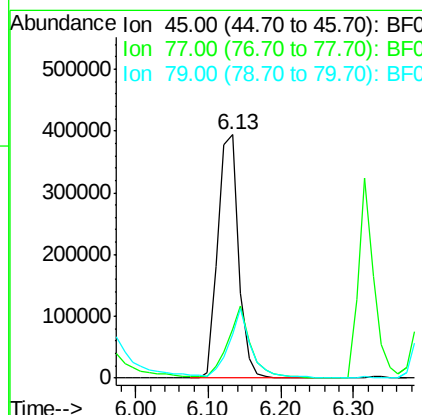
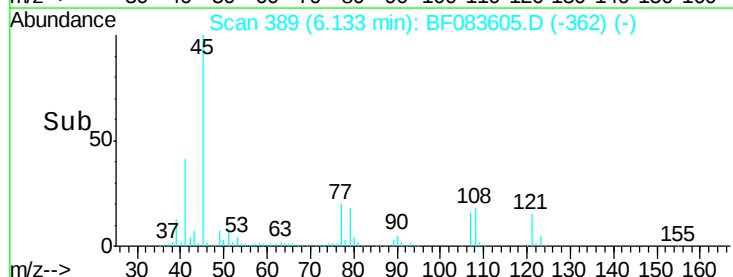
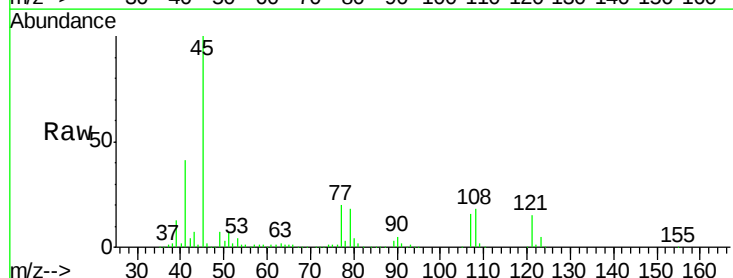
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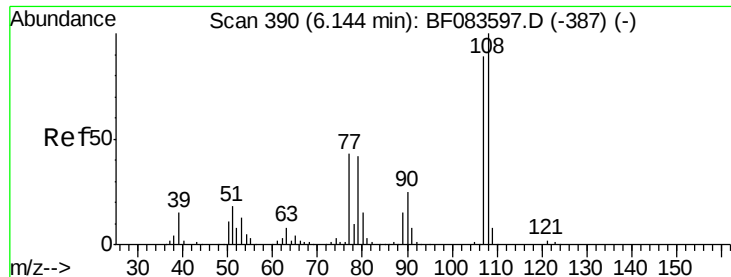
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12/9/2015 6:13:23 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.44 ng
RT: 6.13 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.2	12.8	52.8
79	18.3	10.7	50.7





#17

2-Methylphenol

Concen: 43.48 ng

RT: 6.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

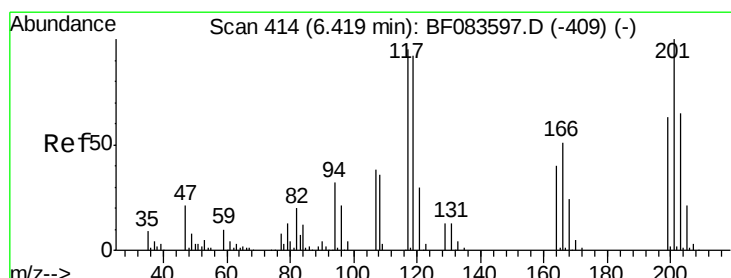
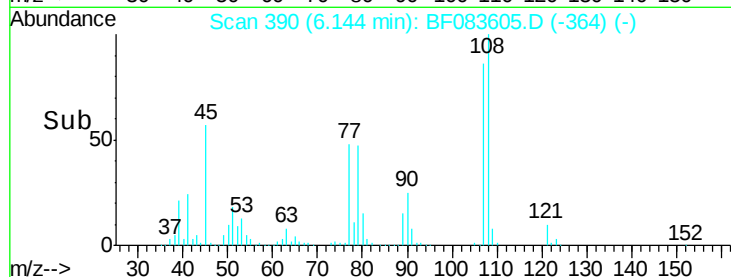
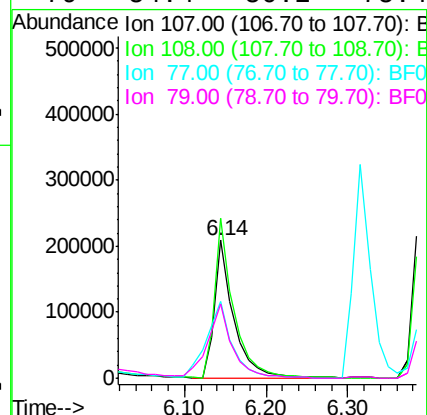
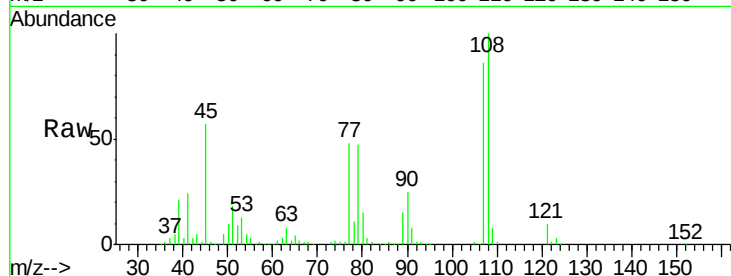
ClientSampleId :

PB87006BS

Tot Ion:	107	Resp:	342001
Ion Ratio	Lower	Upper	
107	100		
108	116.5	91.6	137.4
77	56.1	53.7	80.5
79	54.4	50.2	75.4

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#18

Hexachloroethane

Concen: 40.74 ng

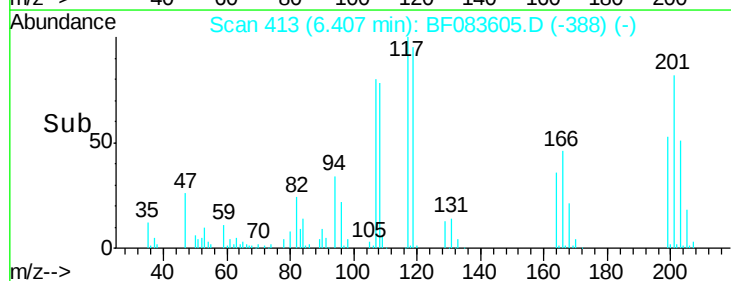
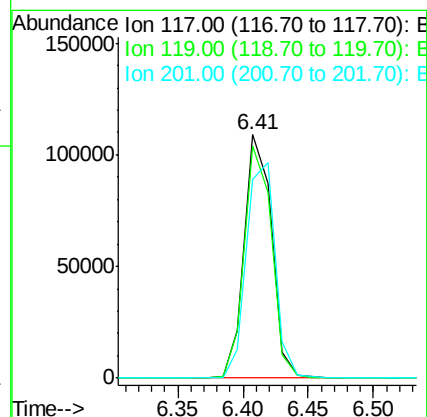
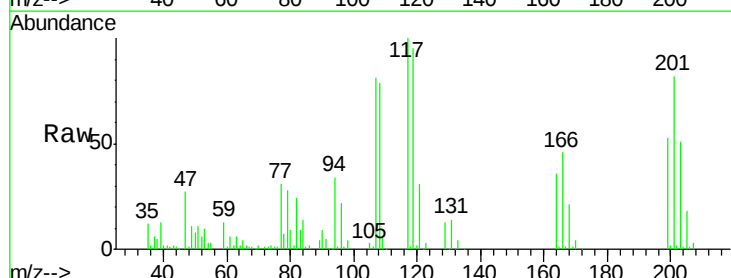
RT: 6.41 min Scan# 413

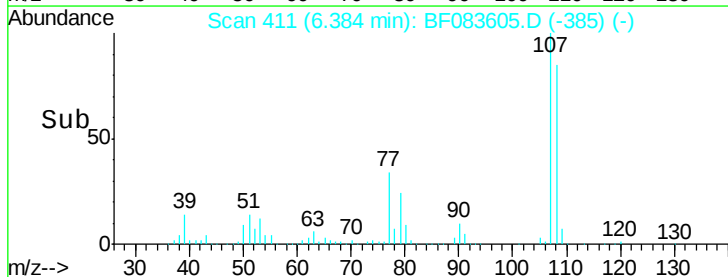
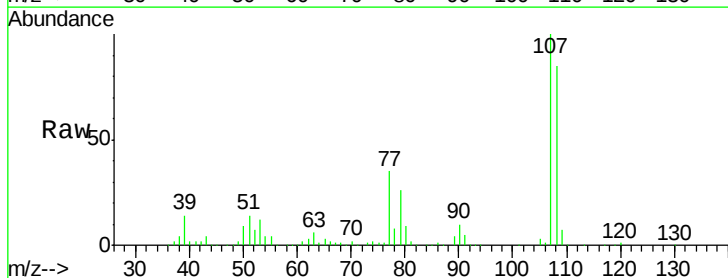
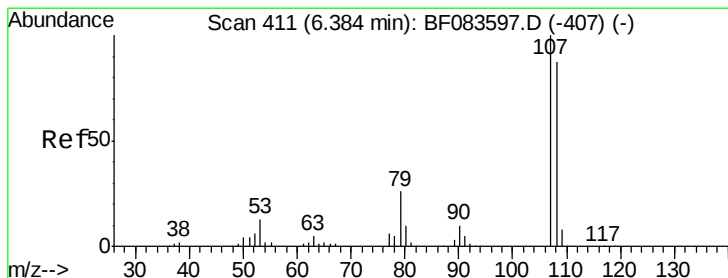
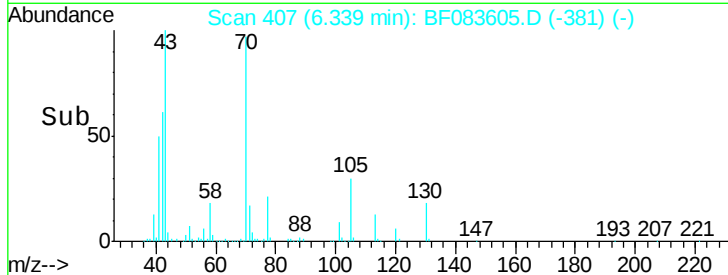
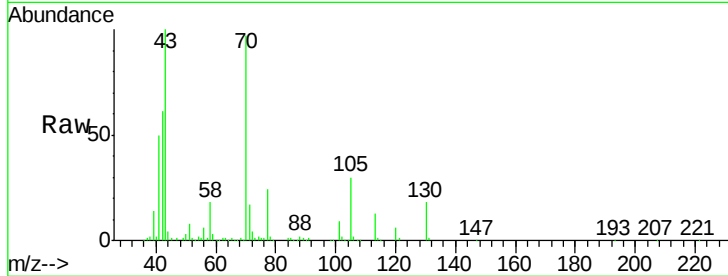
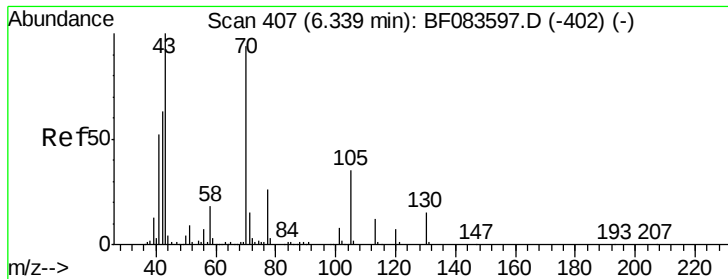
Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	117	Resp:	159011
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.2	115.8
201	81.6	86.8	130.2#





#19

n-Nitroso-di-n-propylamine

Concen: 42.82 ng

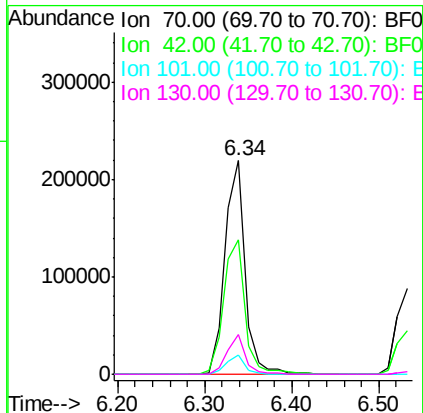
RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	49.2	73.8	
101	9.2	7.1	10.7	
130	18.6	15.4	23.0	



Instrument :

BNA_F

ClientSampleId :

PB87006BS

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#20

3+4-Methylphenols

Concen: 42.92 ng

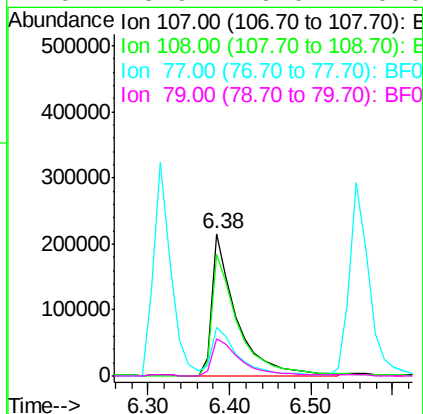
RT: 6.38 min Scan# 411

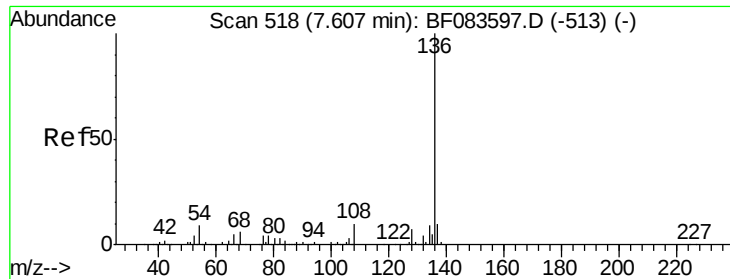
Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	65.2	105.2	
77	34.6	15.2	55.2	
79	25.9	6.0	46.0	





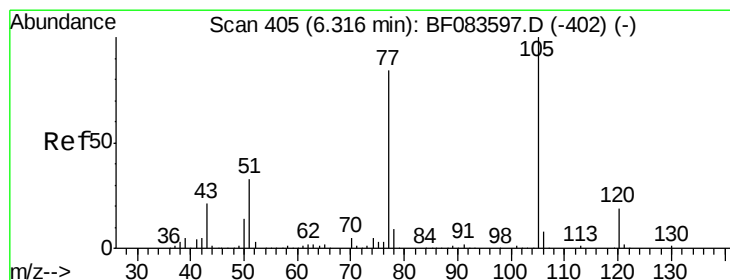
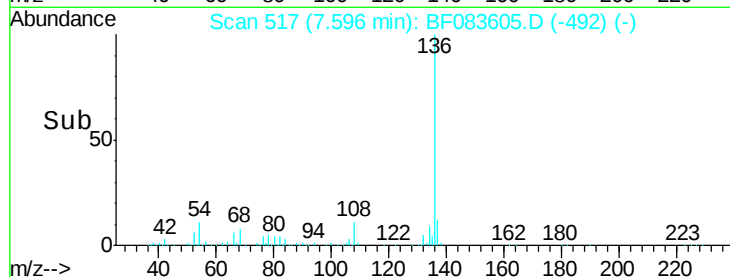
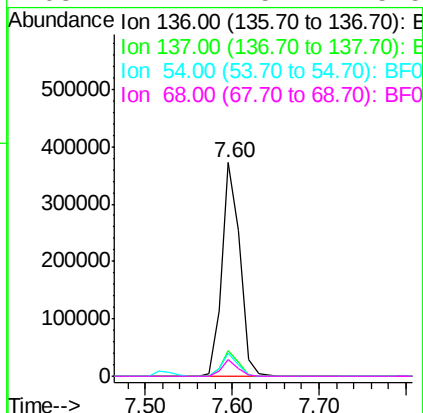
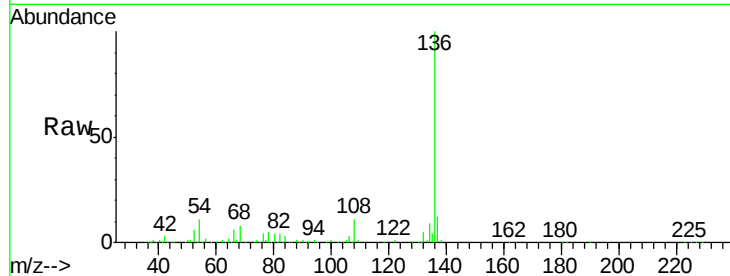
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		537524		
137	11.8	8.7	13.1		
54	11.0	7.8	11.6		
68	7.7	5.7	8.5		

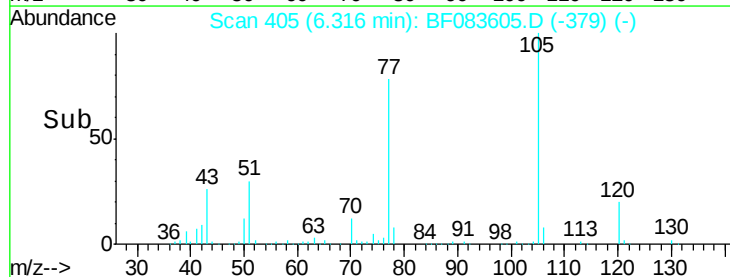
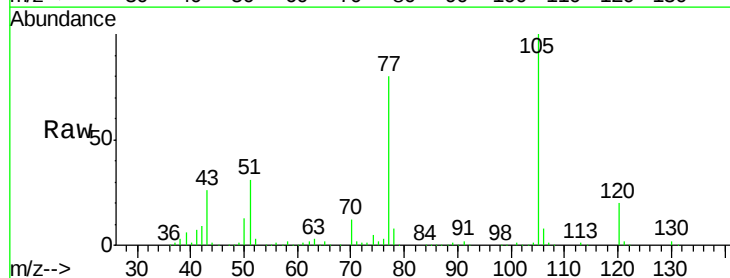
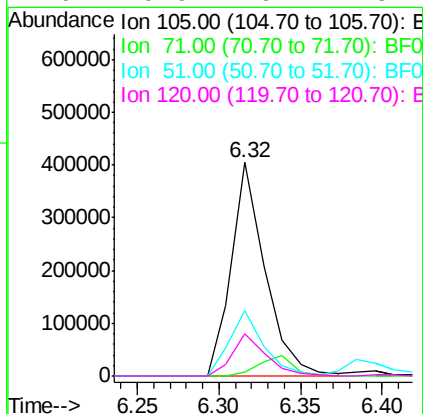
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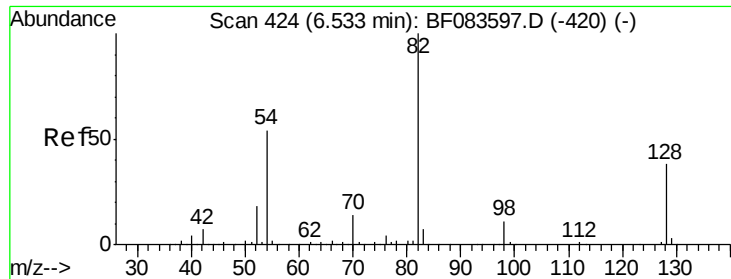
Mmdadoda
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#22
Acetophenone
Concen: 38.68 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		583248		
71	2.1	1.3	1.9#		
51	30.7	23.8	35.8		
120	19.9	16.7	25.1		





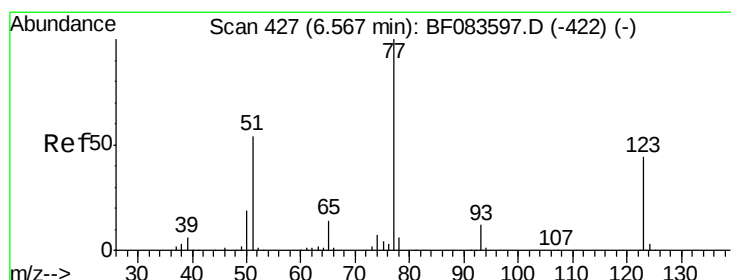
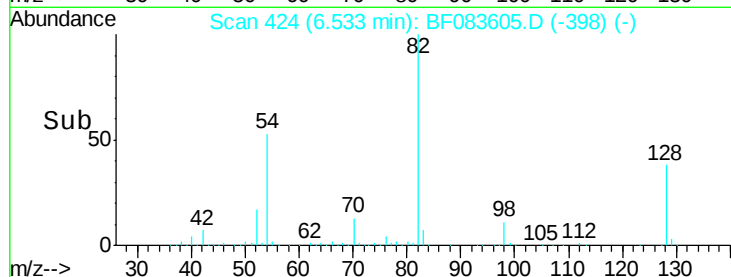
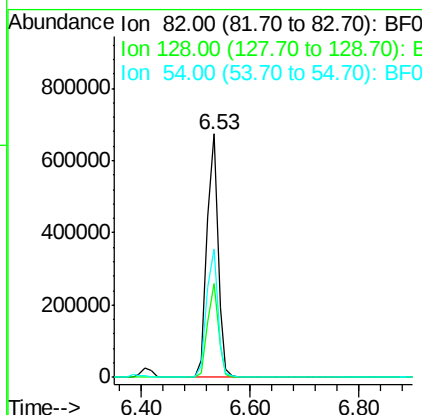
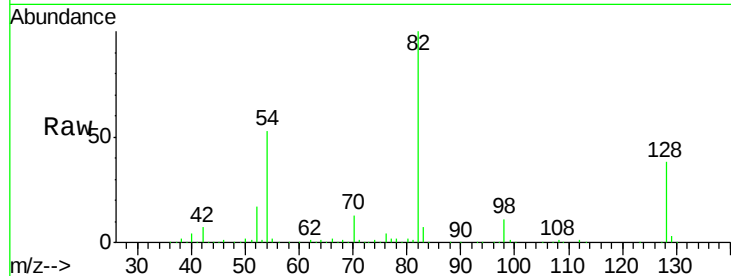
#23
 Nitrobenzene-d5
 Concen: 83.70 ng
 RT: 6.53 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	964215		
128	38.4	30.7	46.1	
54	53.0	42.5	63.7	

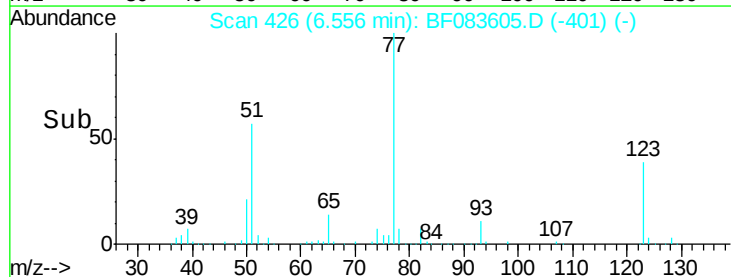
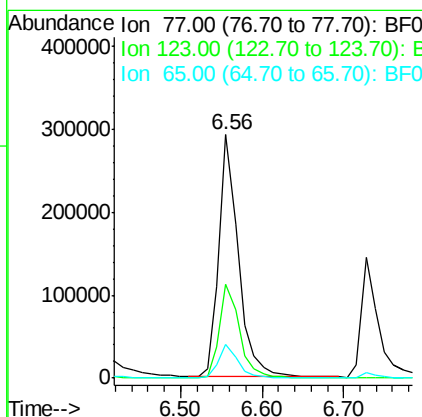
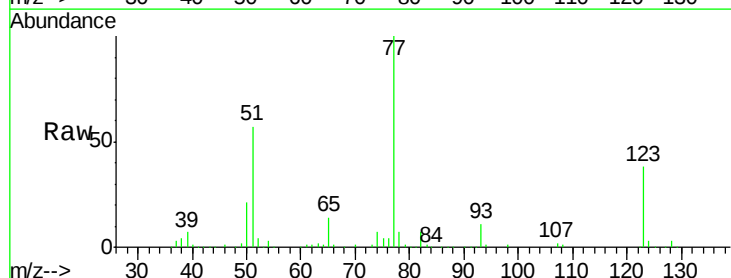
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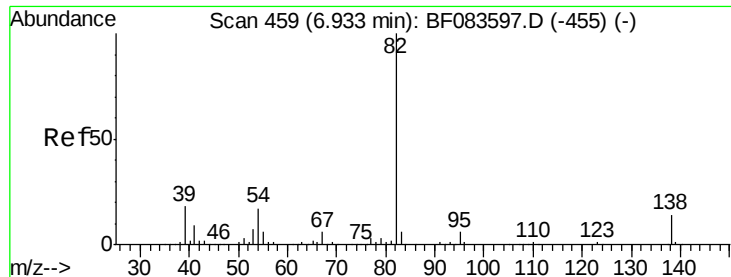
Mmdadoda
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#24
 Nitrobenzene
 Concen: 38.08 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	484794		
123	38.5	29.8	44.6	
65	13.6	11.1	16.7	





#25

Isophorone

Concen: 40.05 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

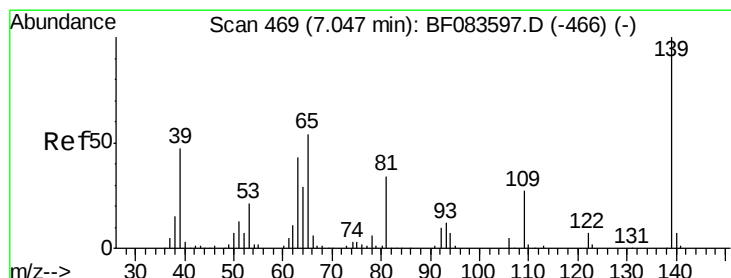
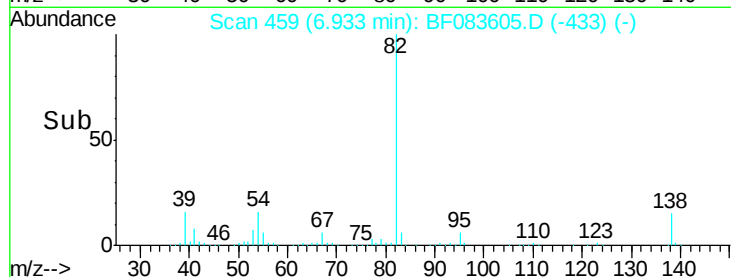
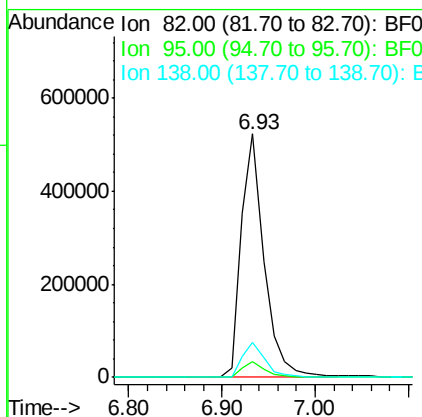
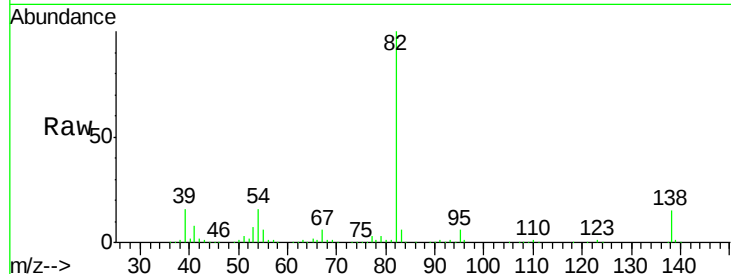
ClientSampleId :

PB87006BS

Tot Ion:	82	Resp:	895269
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.0	7.4
138	14.5	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.50 ng

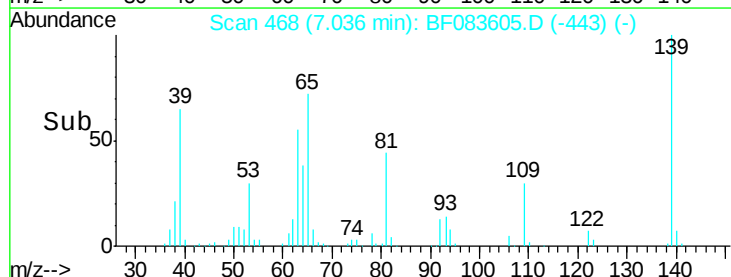
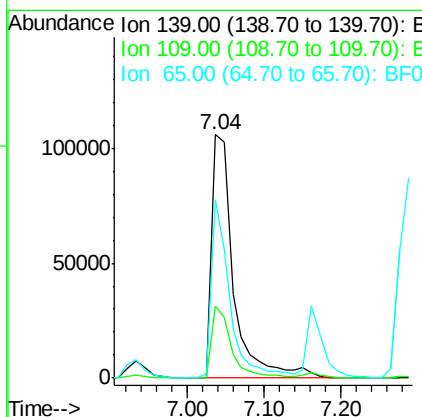
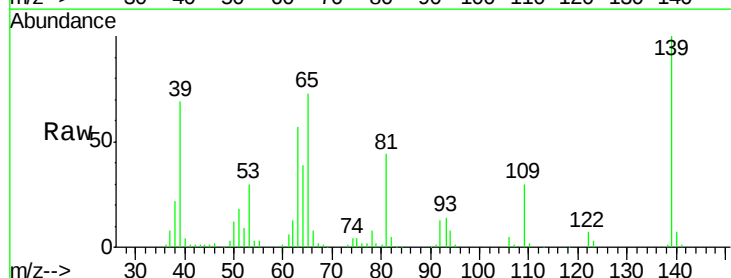
RT: 7.04 min Scan# 468

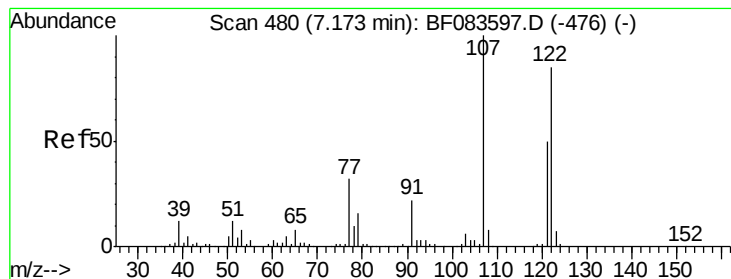
Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	139	Resp:	209827
Ion Ratio		Lower	Upper
139	100		
109	29.5	22.7	34.1
65	73.5	51.8	77.8





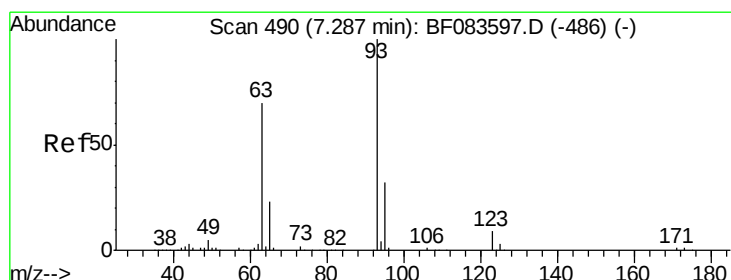
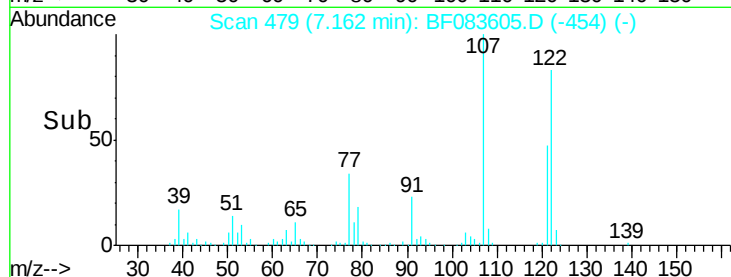
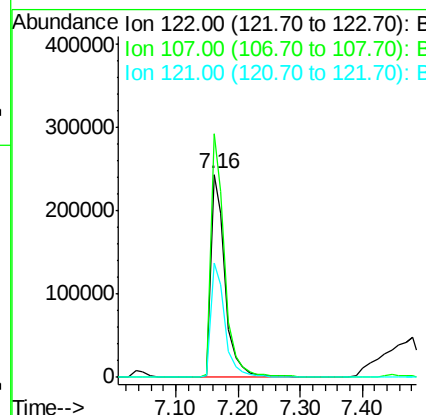
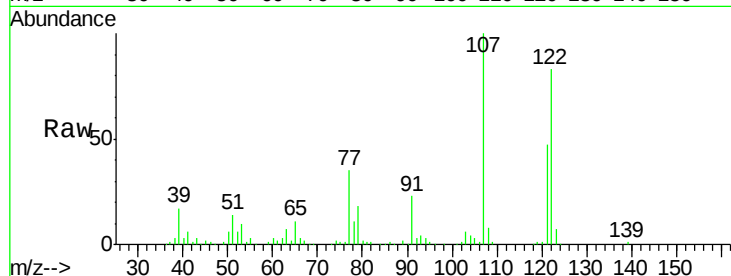
#27
 2,4-Dimethylphenol
 Concen: 43.13 ng
 RT: 7.16 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	381434		
107	120.0	92.4	138.6	
121	56.4	45.8	68.6	

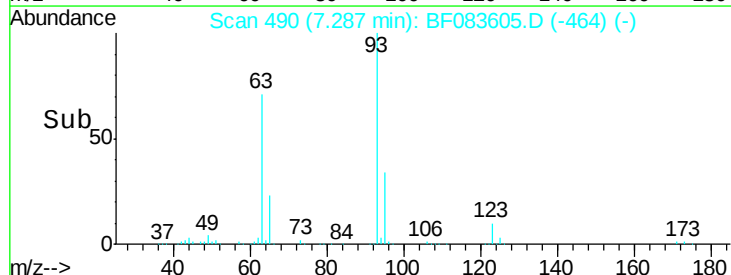
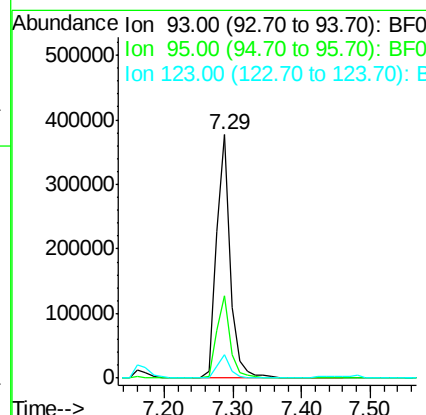
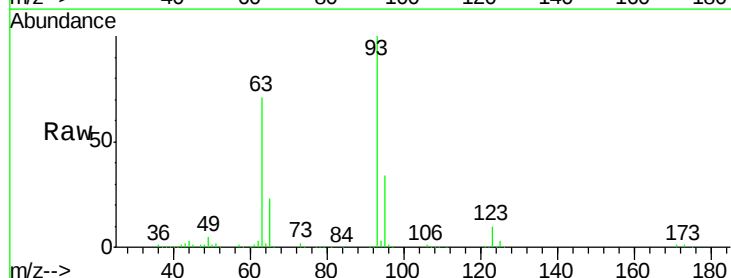
Manual Integrations
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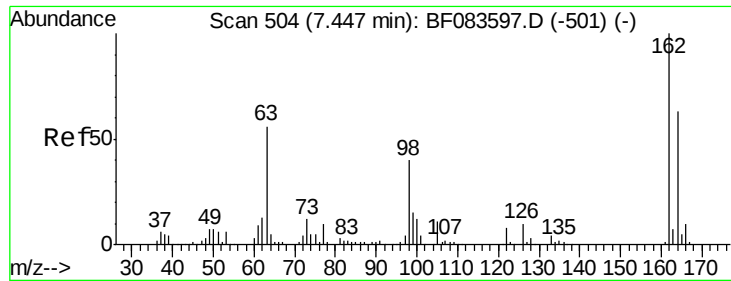
Mmdadoda
 12/9/2015 6:13:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.18 ng
 RT: 7.29 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	536014		
95	33.6	25.6	38.4	
123	9.8	7.3	10.9	





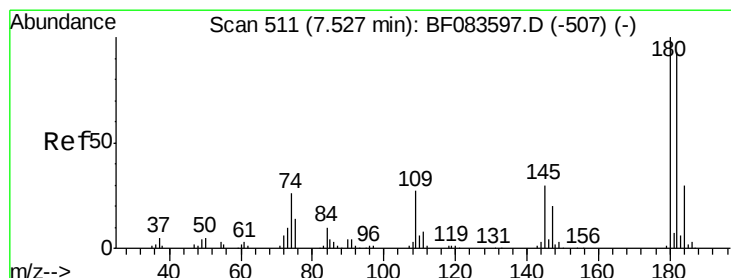
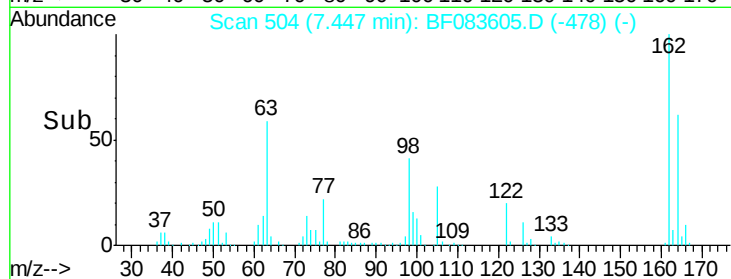
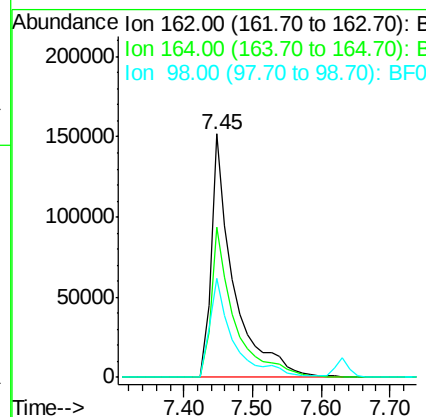
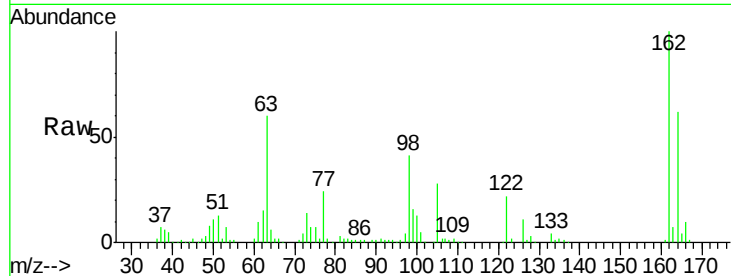
#29
2,4-Dichlorophenol
Concen: 42.65 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343009		
164	61.9	43.4	83.4	
98	40.6	17.5	57.5	

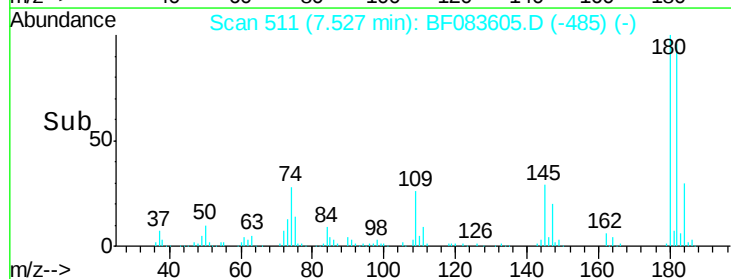
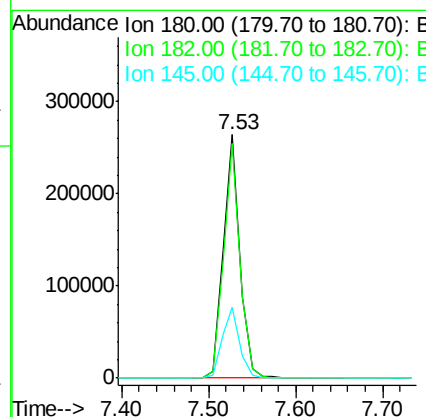
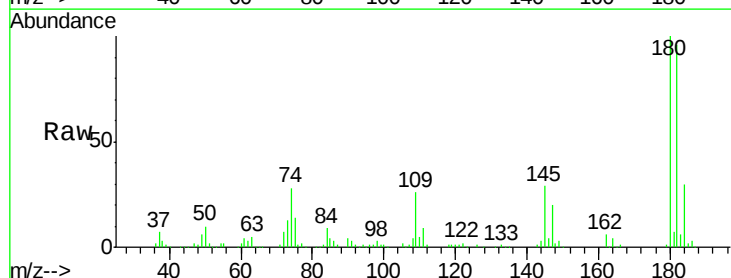
Manual Integrations
APPROVED

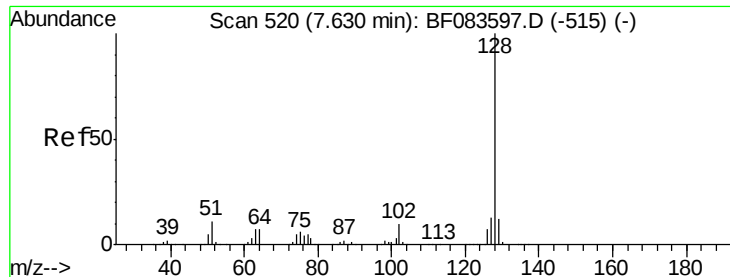
Mmdadoda
12/9/2015 6:13:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.83 ng
RT: 7.53 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	353878		
182	96.2	74.9	112.3	
145	29.2	24.7	37.1	





#31

Naphthalene

Concen: 40.91 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:128 Resp: 1164595

Ion Ratio Lower Upper

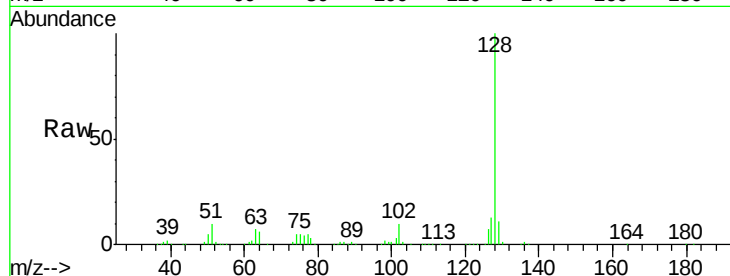
128 100

129 11.4 8.6 13.0

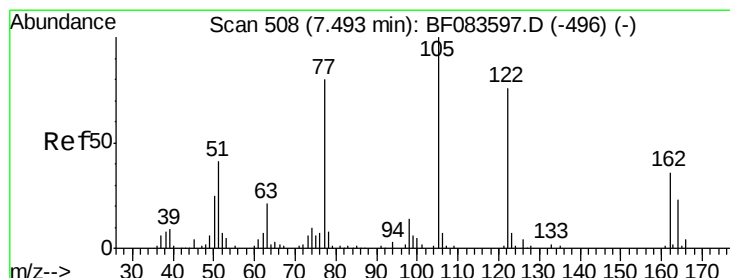
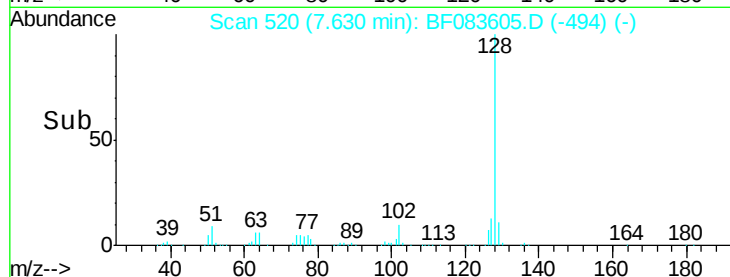
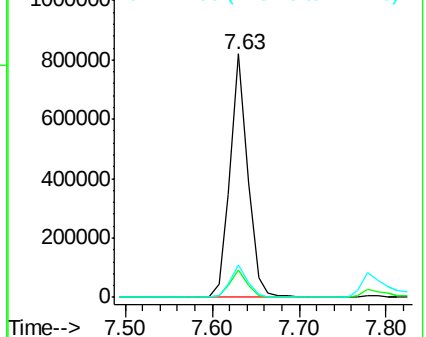
127 13.3 10.6 16.0

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



#32

Benzoic acid

Concen: 37.02 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

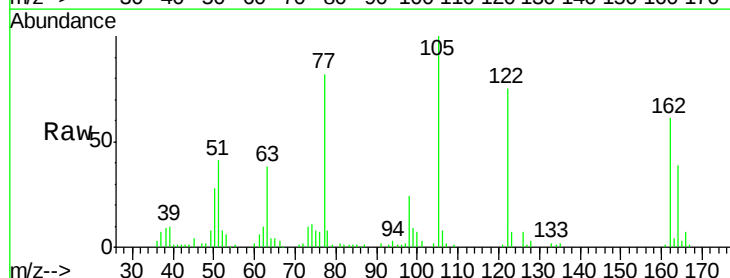
Tgt Ion:122 Resp: 205623

Ion Ratio Lower Upper

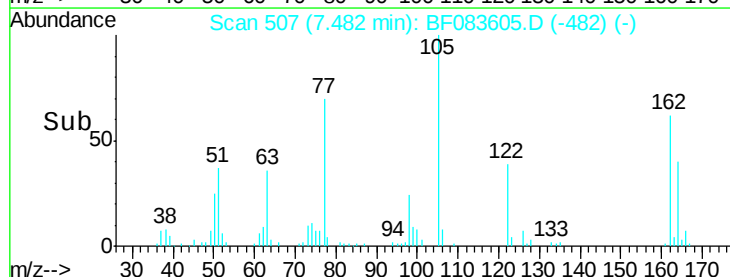
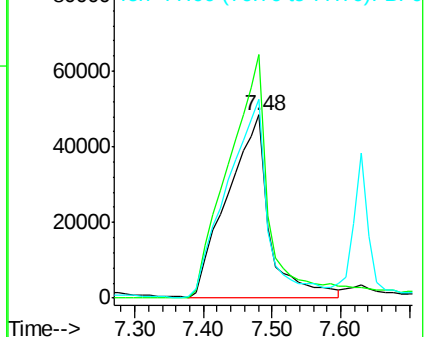
122 100

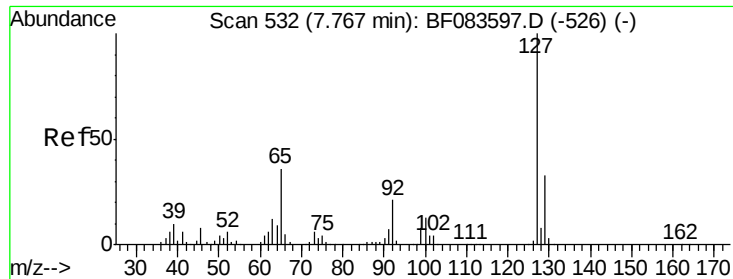
105 133.1 105.6 145.6

77 108.7 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





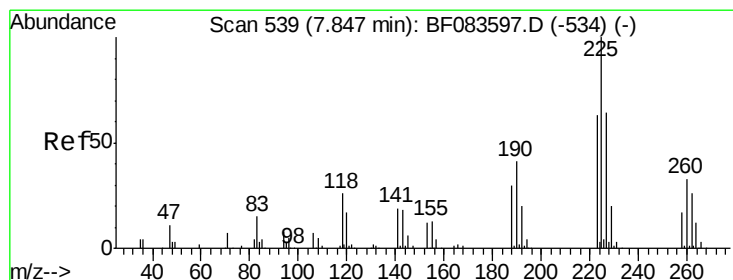
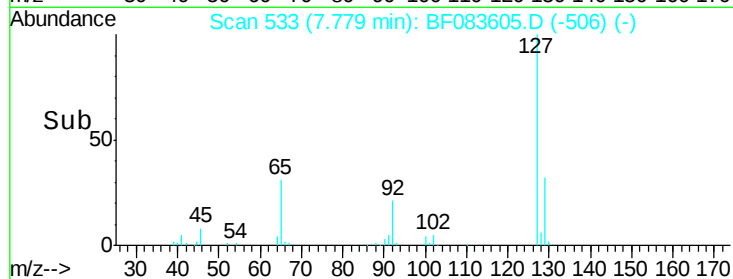
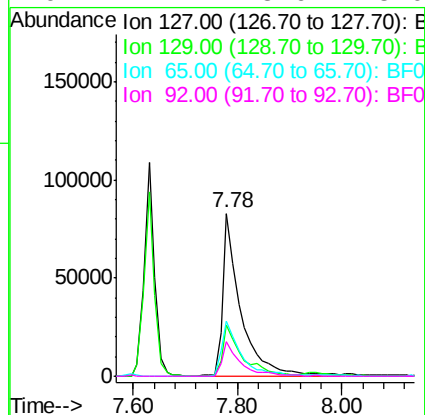
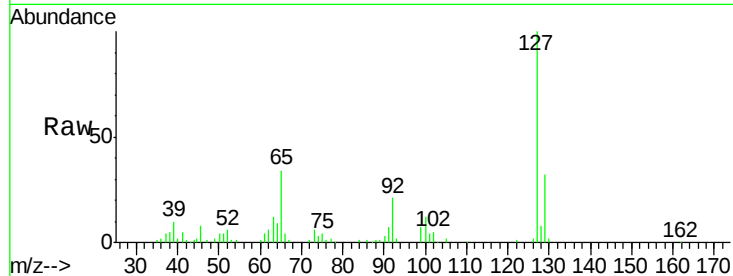
#33
4-Chloroaniline
Concen: 19.41 ng
RT: 7.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		201476		
129	31.8	26.1	39.1		
65	33.8	33.5	50.3		
92	21.2	18.6	28.0		

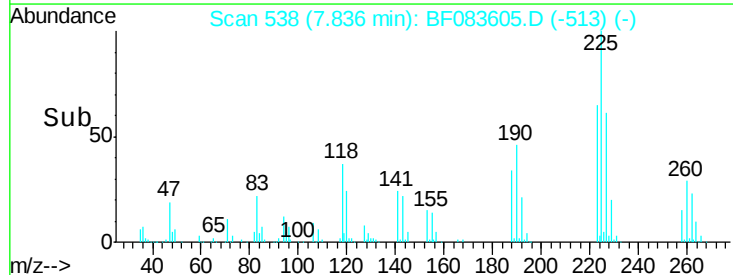
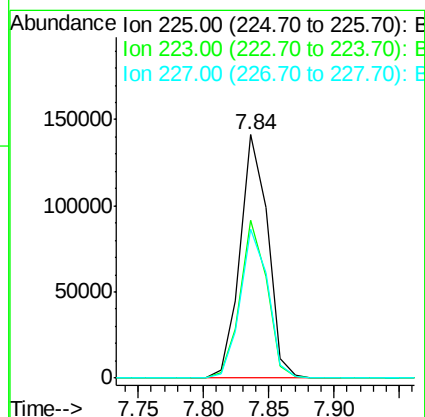
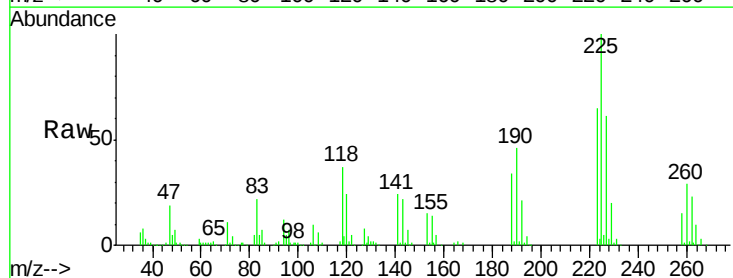
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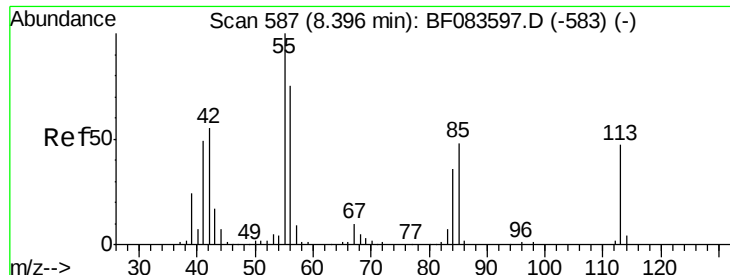
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#34
Hexachlorobutadiene
Concen: 40.08 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		208030		
223	64.8	52.3	78.5		
227	61.0	50.4	75.6		





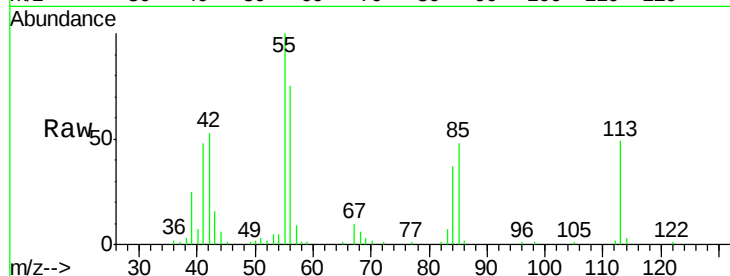
#35
Caprolactam
Concen: 46.37 ng/ml
RT: 8.37 min Scan# 585
Delta R.T. -0.02 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

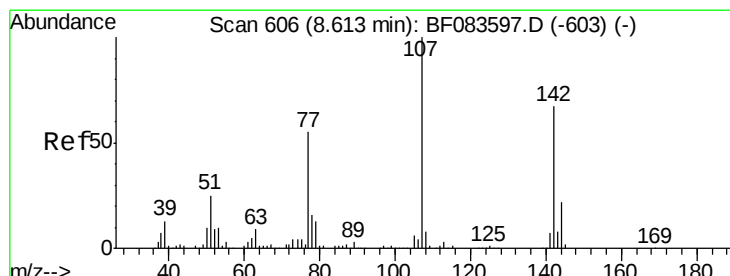
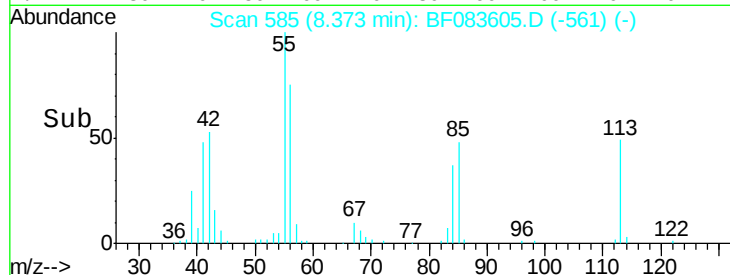
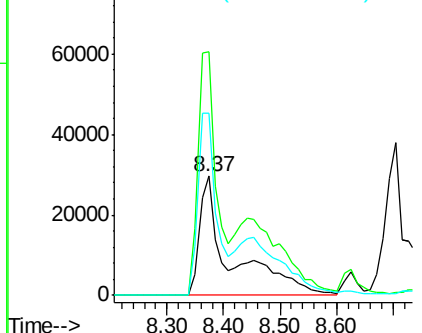
Tot Ion:113 Resp: 111925
Ion Ratio Lower Upper
113 100
55 204.1 189.7 229.7
56 152.4 130.7 170.7

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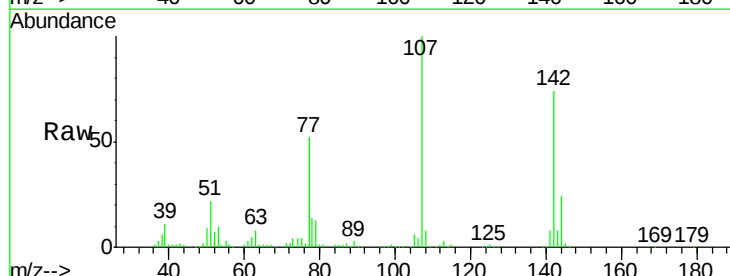


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

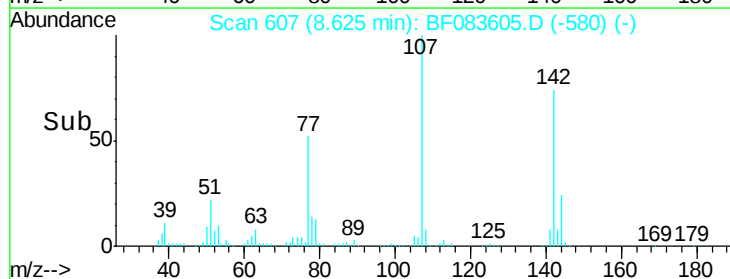
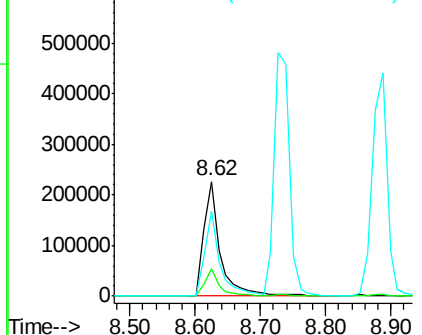


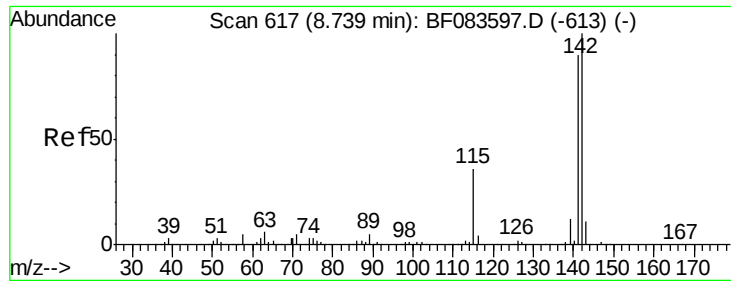
#36
4-Chloro-3-methylphenol
Concen: 43.49 ng/ml
RT: 8.62 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:107 Resp: 392941
Ion Ratio Lower Upper
107 100
144 24.1 17.5 26.3
142 73.6 53.6 80.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





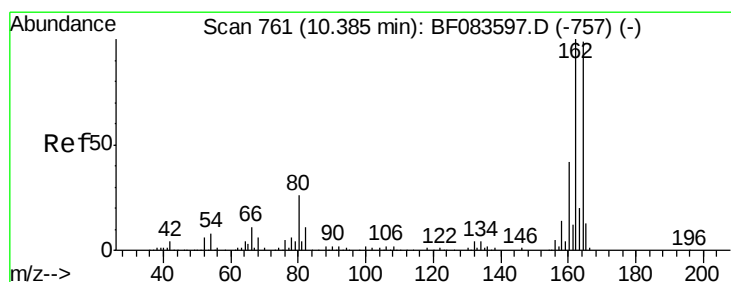
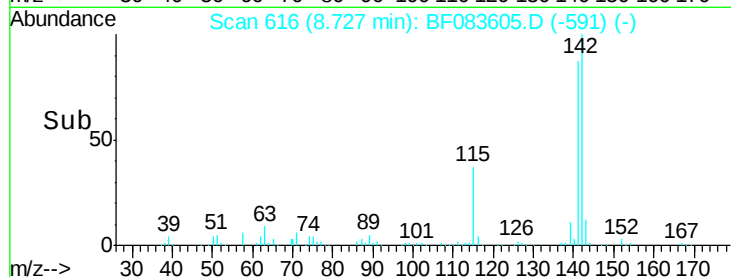
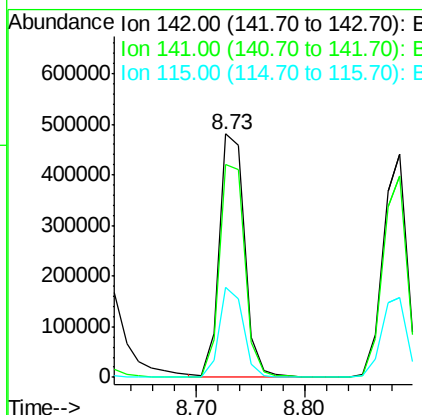
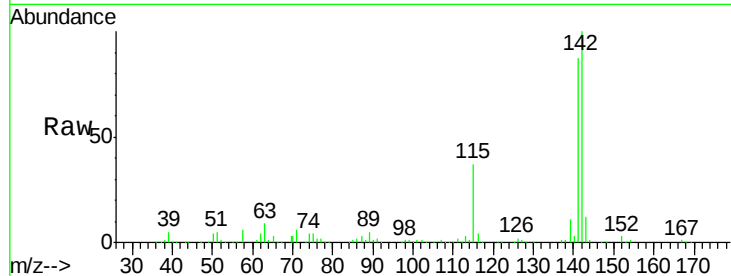
#37
2-Methylnaphthalene
Concen: 43.47 ng
RT: 8.73 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
115	37.0	29.2	43.8

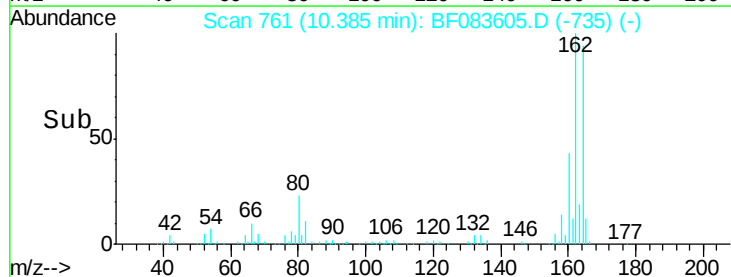
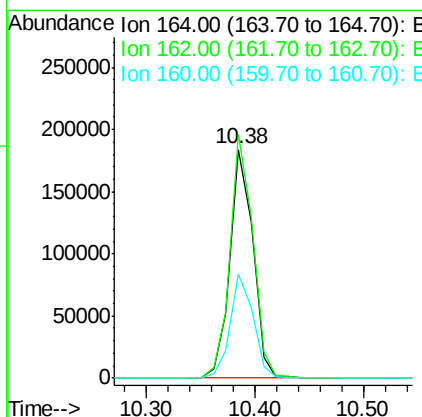
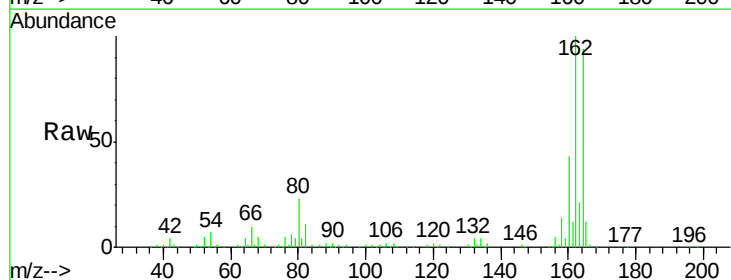
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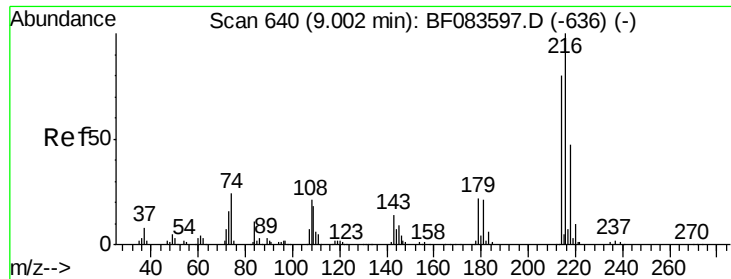
Mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	45.6	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.51 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

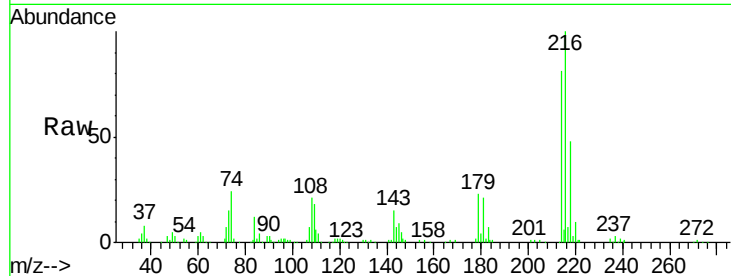
ClientSampleId :

PB87006BS

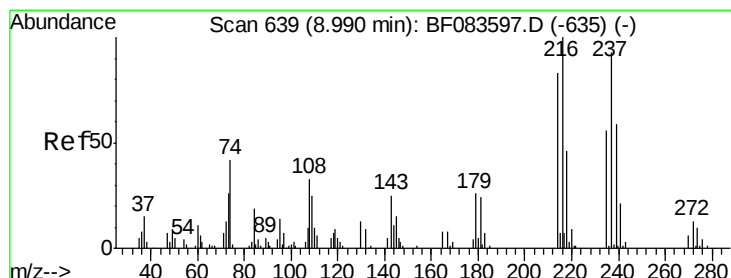
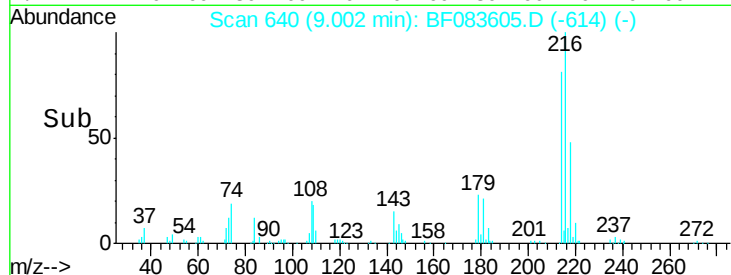
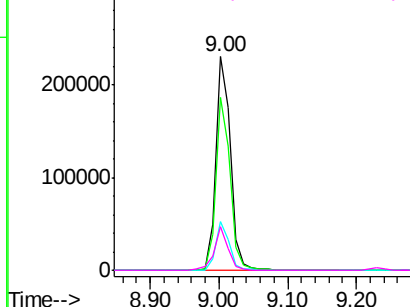
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.6	0.0	0.0#		
179	20.8	0.0	0.0#		
108	19.7	0.0	0.0#		

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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: 72.13 ng

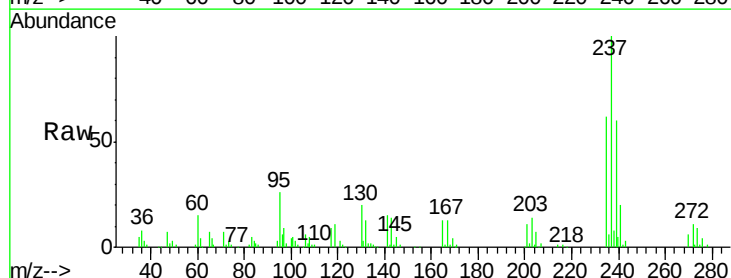
RT: 8.98 min Scan# 638

Delta R.T. -0.01 min

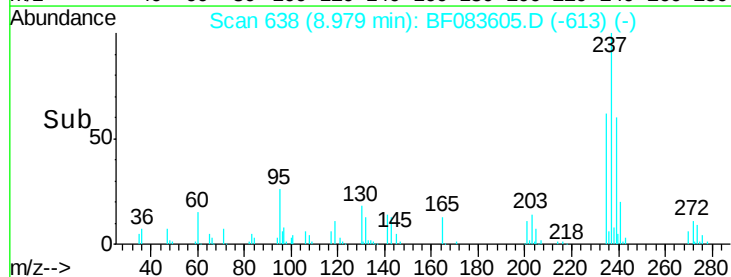
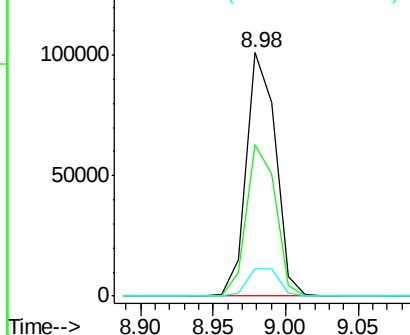
Lab File: BF083605.D

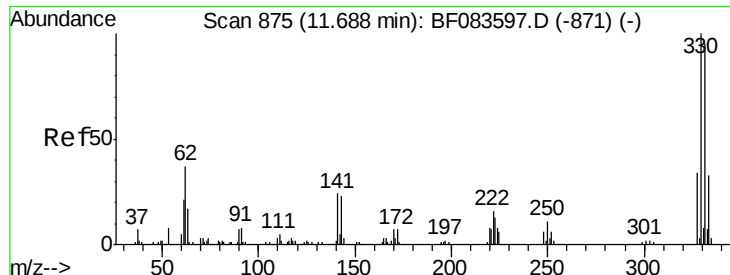
Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.4	43.9	83.9		
272	11.0	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





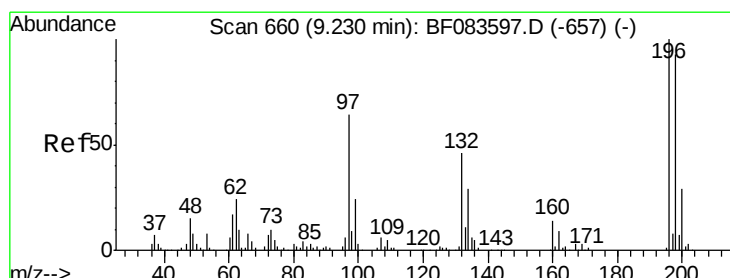
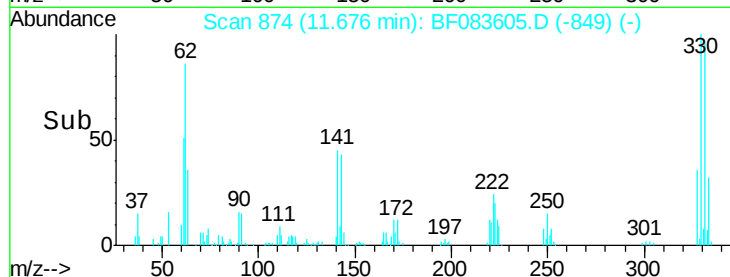
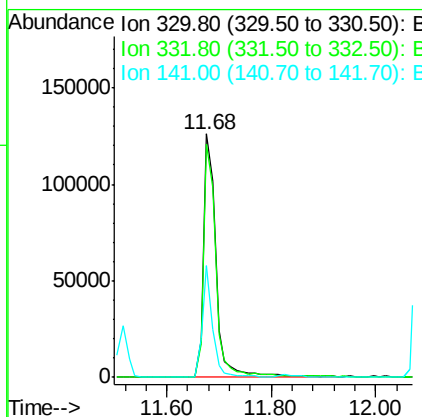
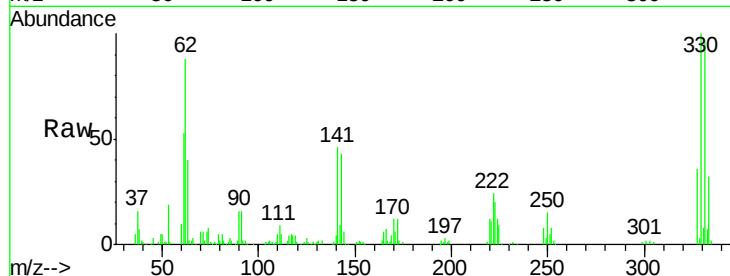
#41
 2,4,6-Tribromophenol
 Concen: 89.53 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212704		
332	94.5	0.0	0.0	0.0
141	38.0	0.0	0.0	0.0

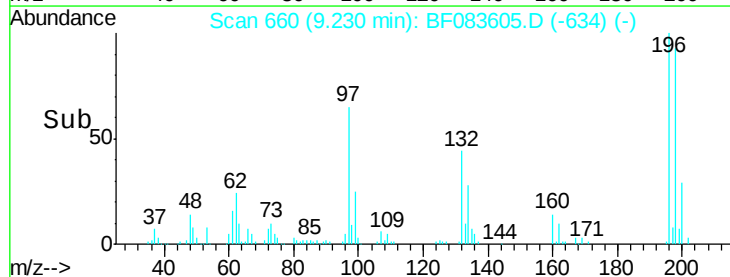
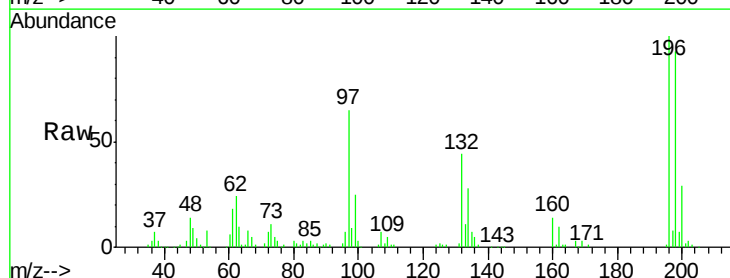
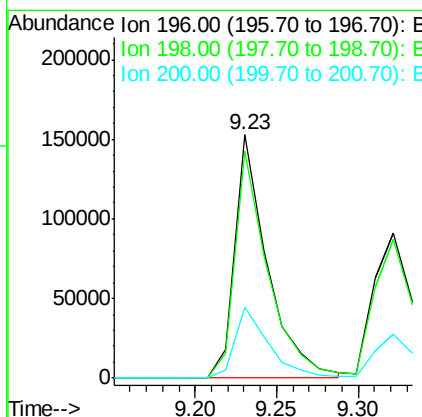
Manual Integrations
 APPROVED

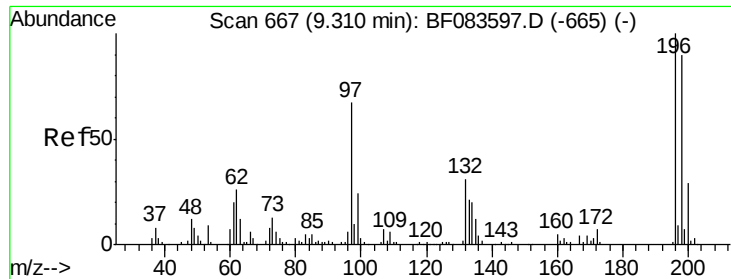
Mmdadoda
 12/9/2015 6:13:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.71 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212071		
198	93.0	75.2	112.8	
200	29.0	23.0	34.6	





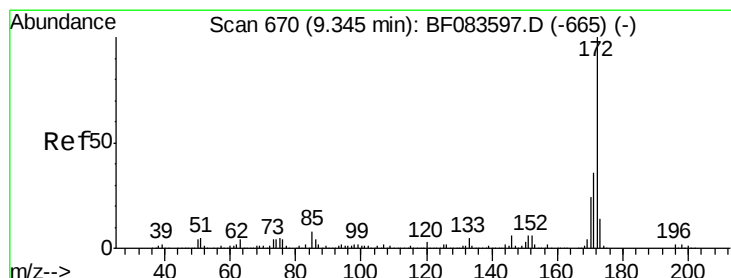
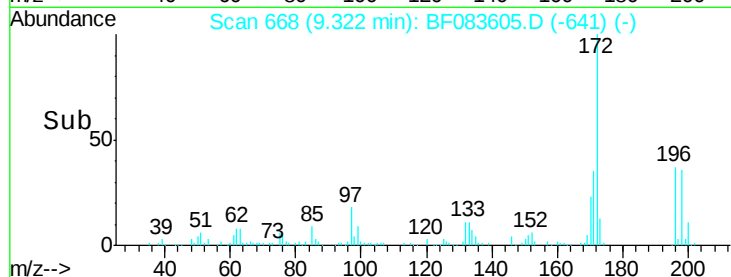
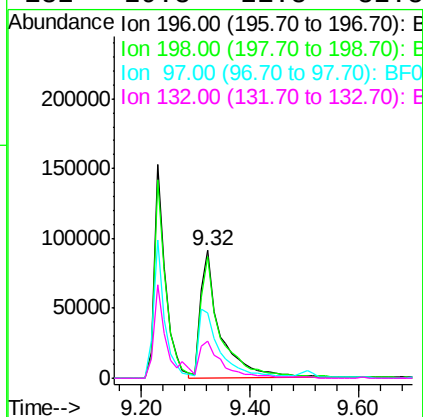
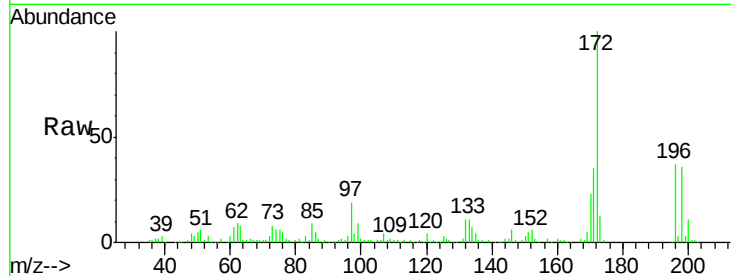
#43
2,4,5-Trichlorophenol
Concen: 43.20 ng
RT: 9.32 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		222814		
198	95.6	77.7	116.5		
97	51.2	41.2	61.8		
132	29.3	21.8	32.8		

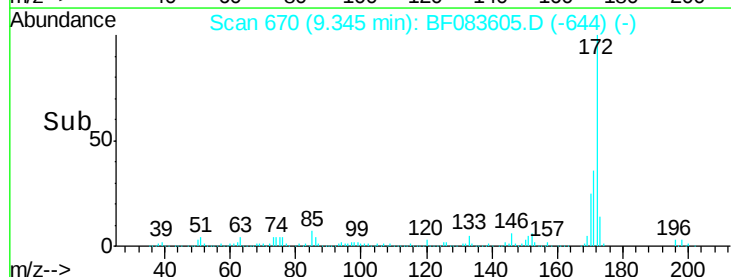
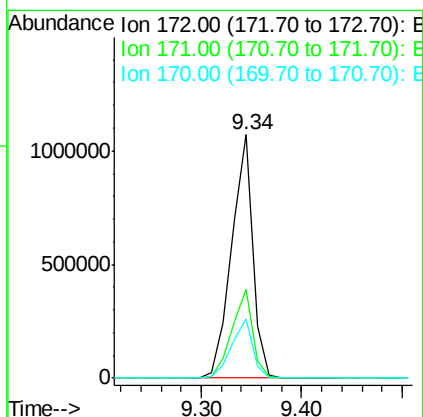
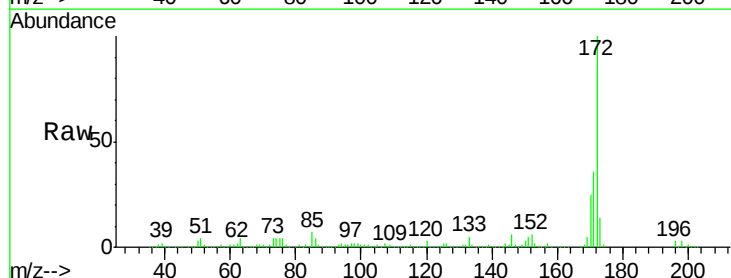
Manual Integrations
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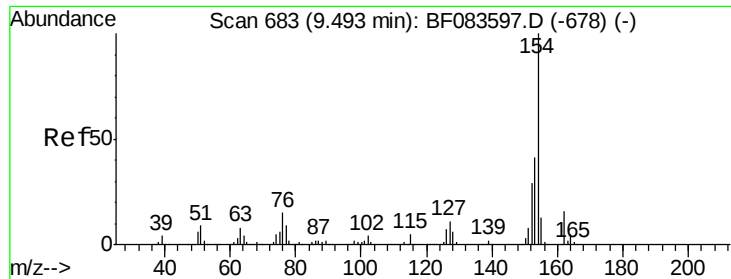
Mmdadoda
12/9/2015 6:13:23 PM



#44
2-Fluorobiphenyl
Concen: 82.76 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1568131		
171	36.3	28.6	42.8		
170	24.5	19.4	29.0		





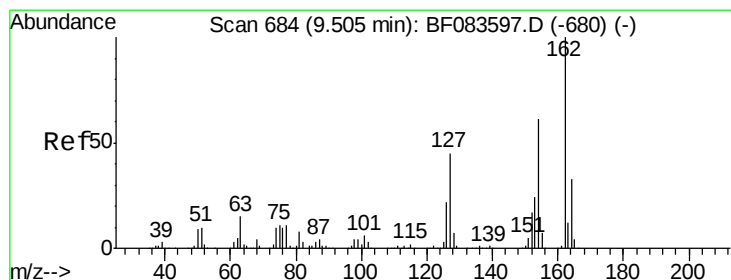
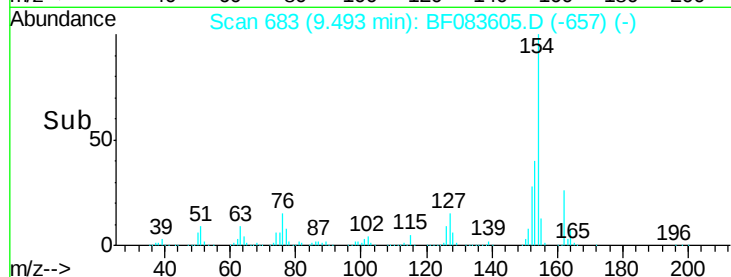
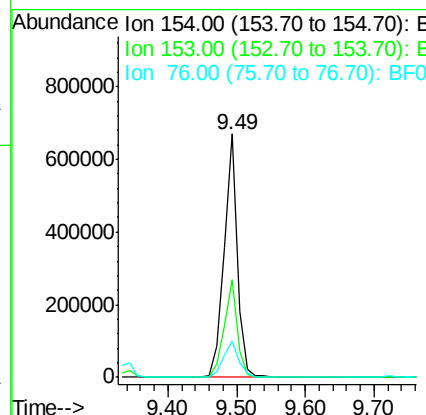
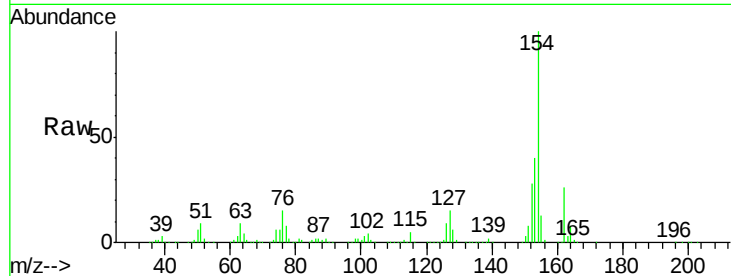
#45
 1,1'-Biphenyl
 Concen: 39.56 ng
 RT: 9.49 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	916971		
153	40.0	20.2	60.2	
76	15.1	0.0	34.8	

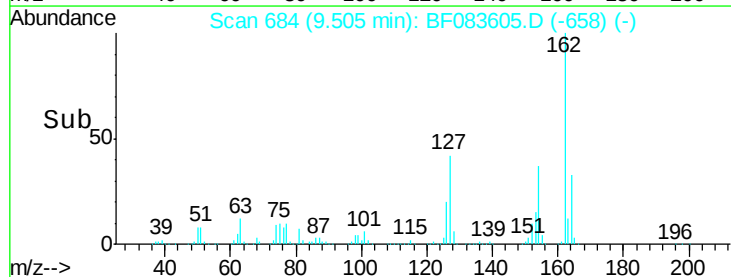
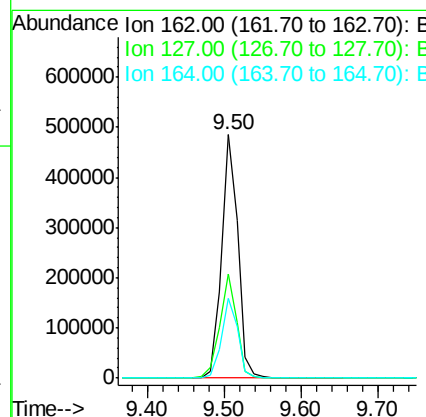
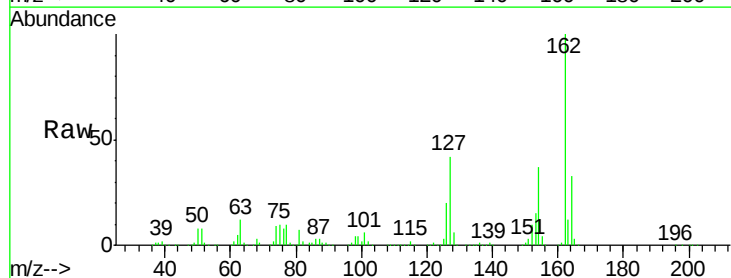
Manual Integrations
 APPROVED

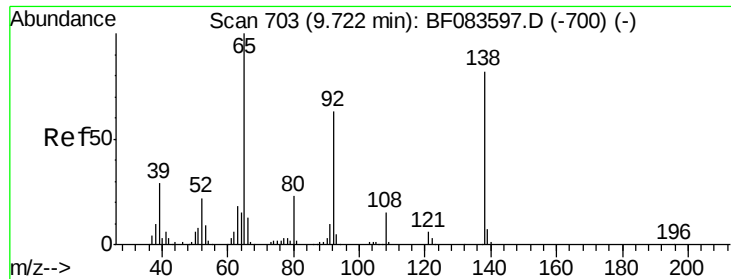
Mmdadoda
 12/9/2015 6:13:23 PM



#46
 2-Chloronaphthalene
 Concen: 41.10 ng
 RT: 9.50 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	719324		
127	42.5	31.0	46.4	
164	32.8	27.4	41.0	





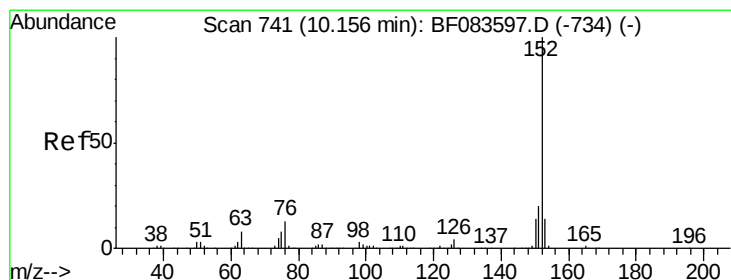
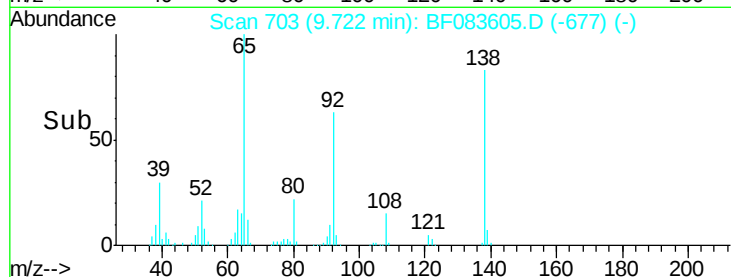
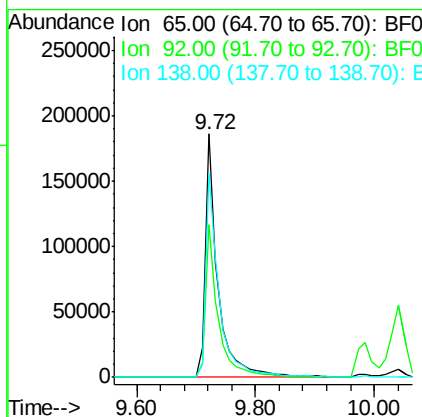
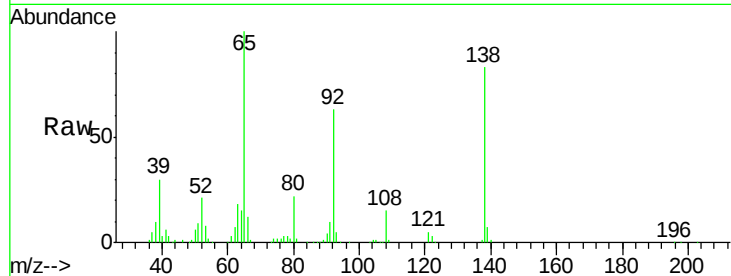
#47
2-Nitroaniline
Concen: 43.73 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.6	74.4
138	83.5	64.1	96.1

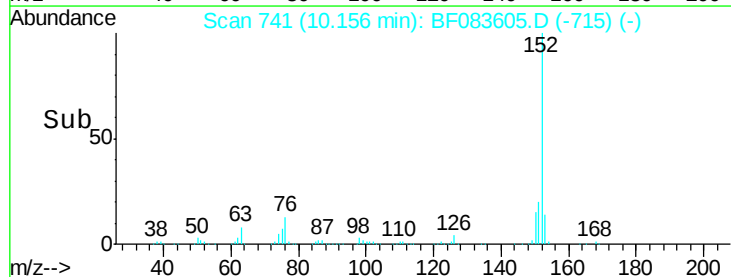
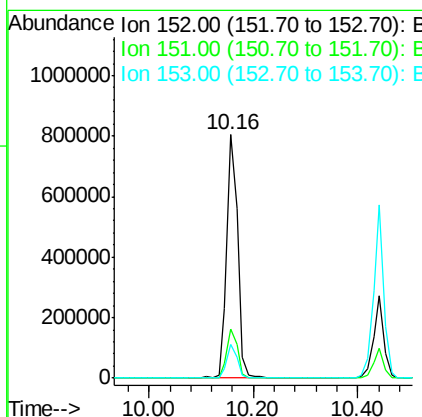
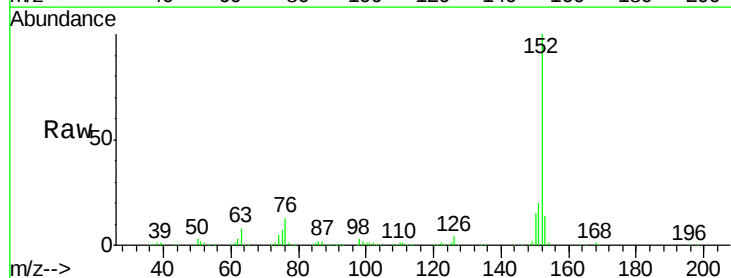
Manual Integrations
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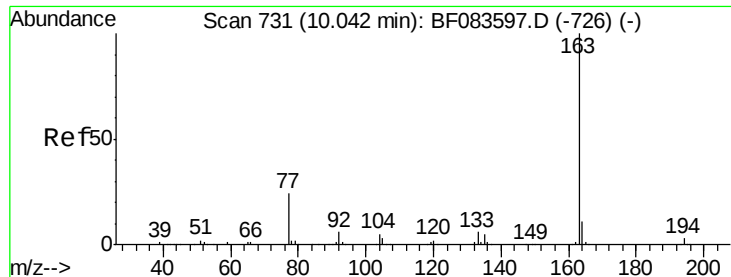
Mmdadoda
12/9/2015 6:13:23 PM



#48
Acenaphthylene
Concen: 40.64 ng
RT: 10.16 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.8	10.8	16.2





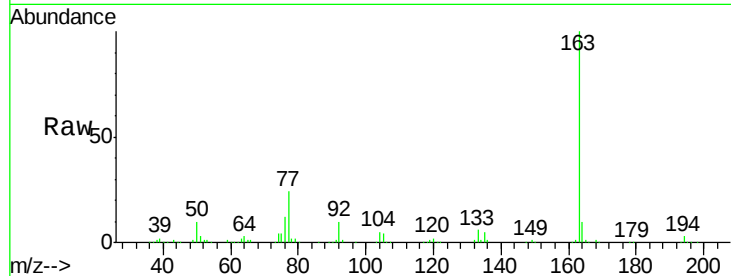
#49
Dimethylphthalate
Concen: 42.22 ng
RT: 10.04 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

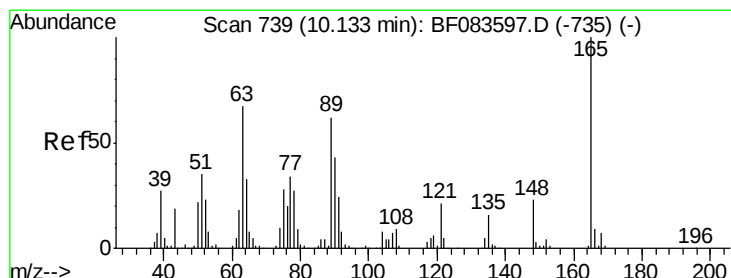
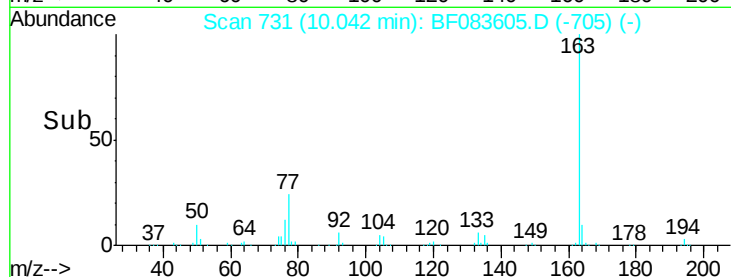
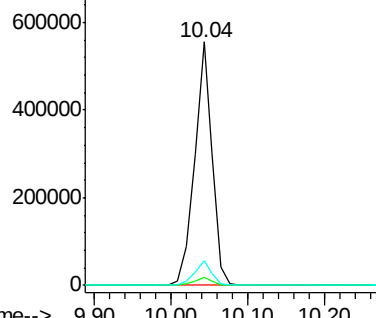
Tot Ion	Ratio	Resp	Lower	Upper
163	100	896347		
194	3.4	2.8	4.2	
164	10.2	8.6	13.0	

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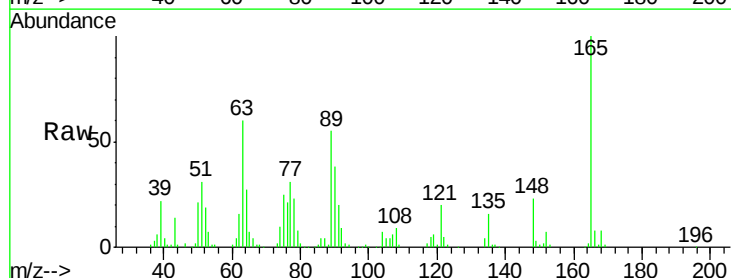


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

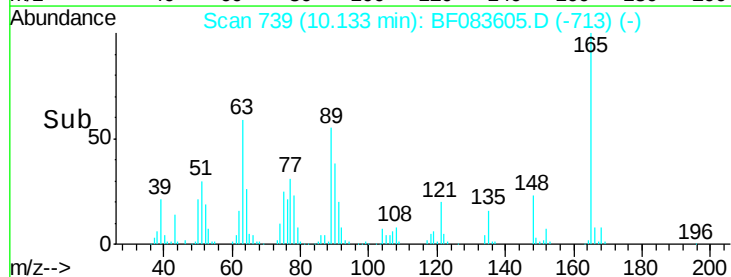
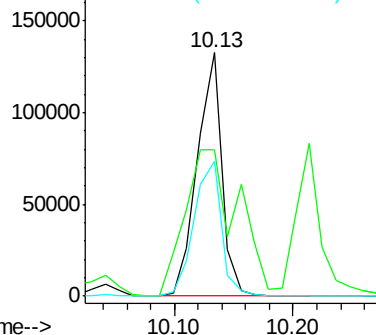


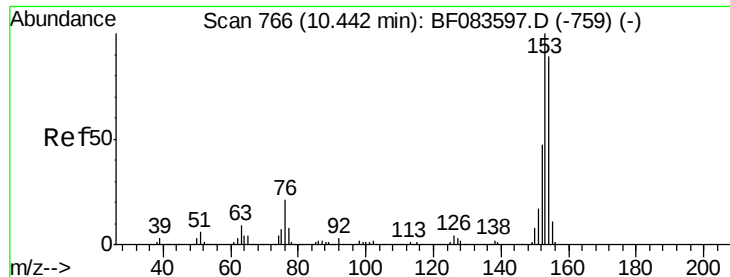
#50
2,6-Dinitrotoluene
Concen: 43.69 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191502		
63	59.9	56.9	85.3	
89	55.2	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: 41.17 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

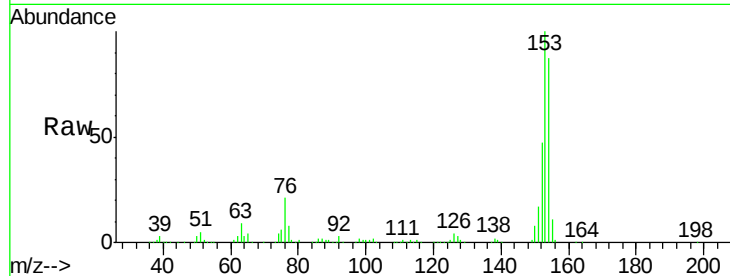
ClientSampleId :

PB87006BS

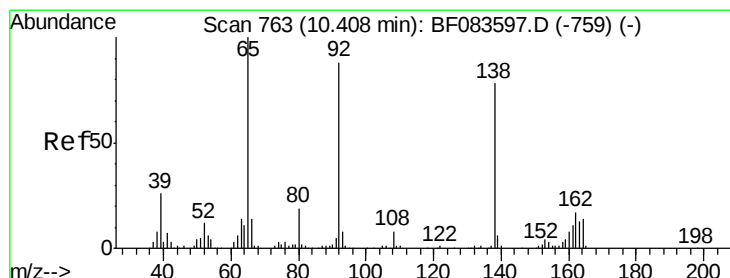
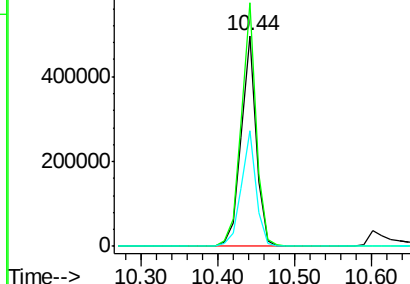
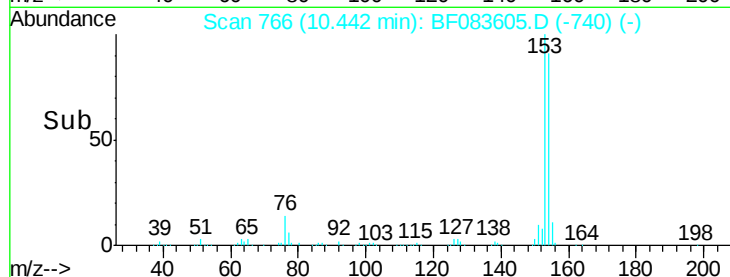
Tot Ion:	154	Resp:	680190
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.4	137.0
152	54.8	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.49 ng

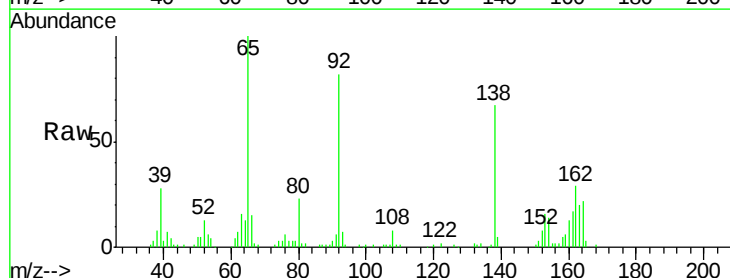
RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

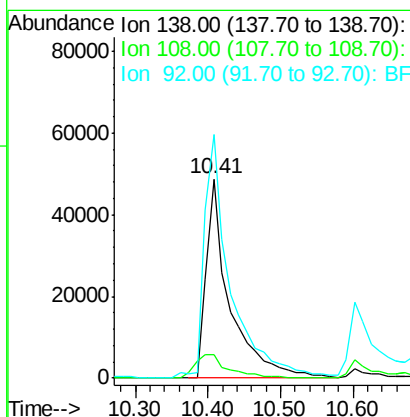
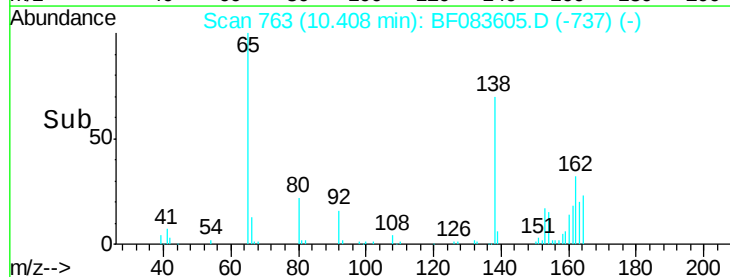
Lab File: BF083605.D

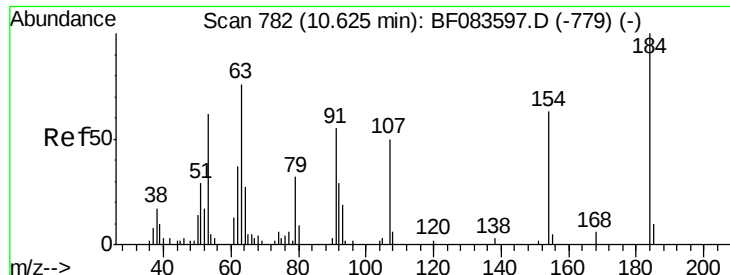
Acq: 8 Dec 2015 20:21

Tgt Ion:	138	Resp:	109433
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.9	14.9
92	122.1	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





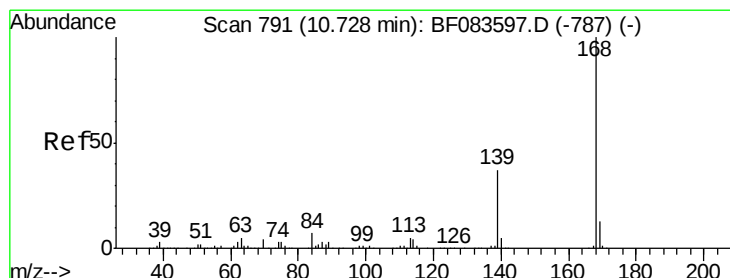
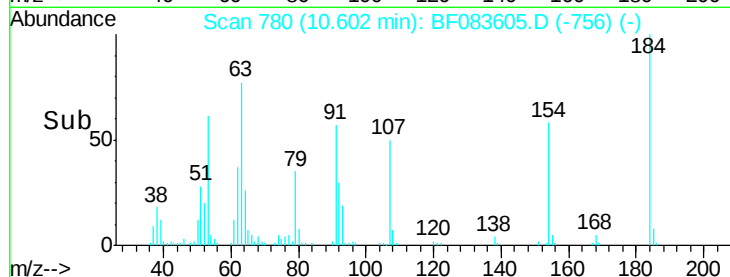
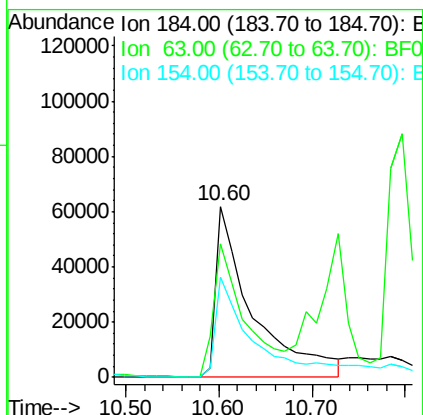
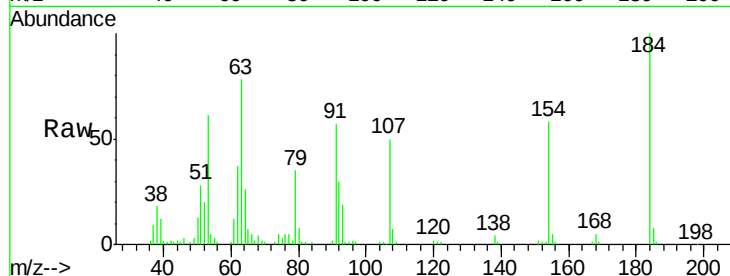
#53
2,4-Dinitrophenol
Concen: 77.90 ng
RT: 10.60 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	78.0	62.4	93.6		
154	58.3	46.6	69.8		

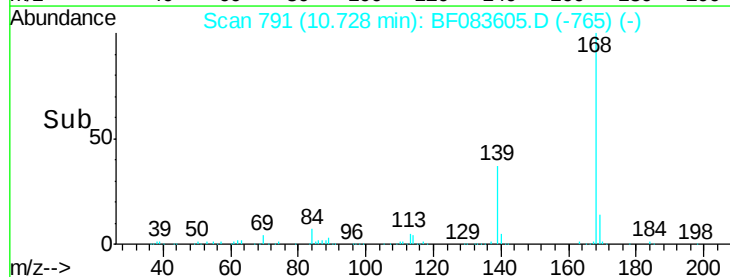
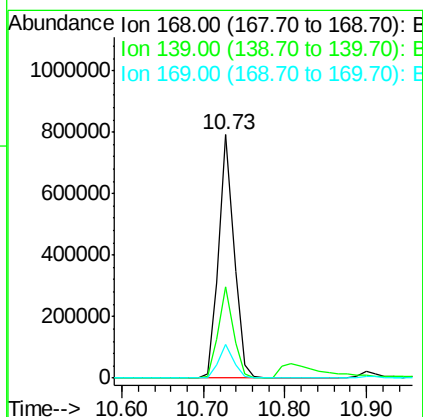
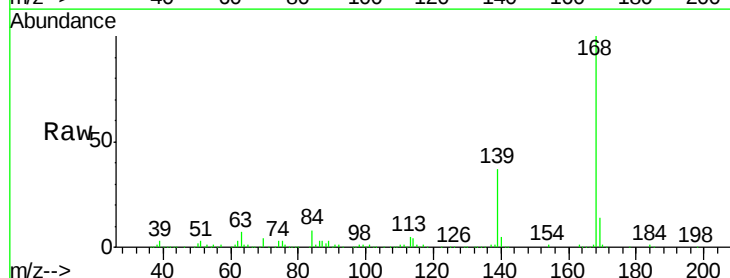
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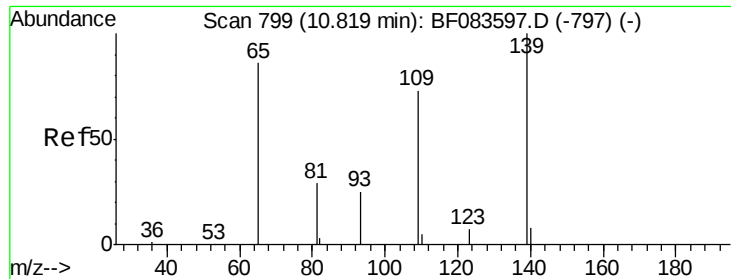
Mmdadoda
12/9/2015 6:13:23 PM



#54
Dibenzofuran
Concen: 45.51 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
139	37.3	28.0	42.0		
169	13.7	10.8	16.2		





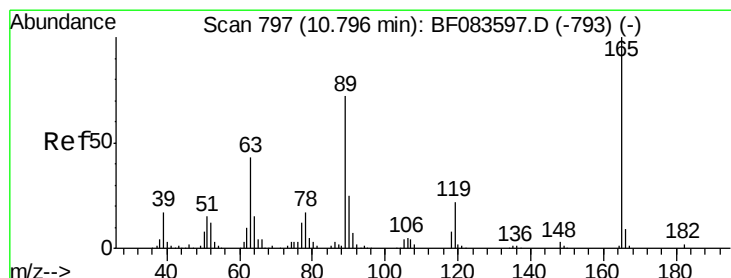
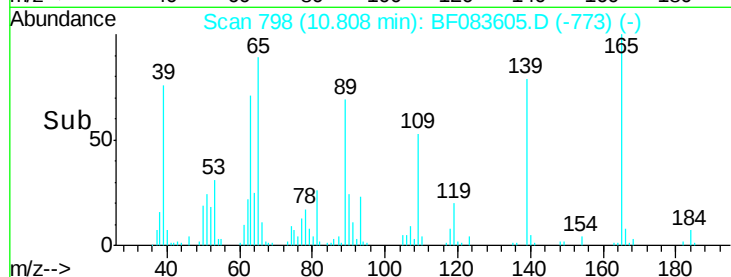
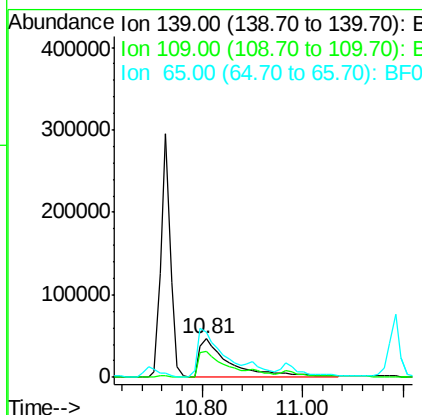
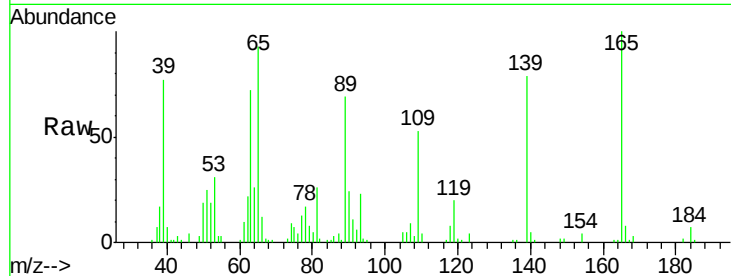
#55
4-Nitrophenol
Concen: 93.05 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	190828		
109	67.2	42.0	82.0	
65	117.1	89.2	129.2	

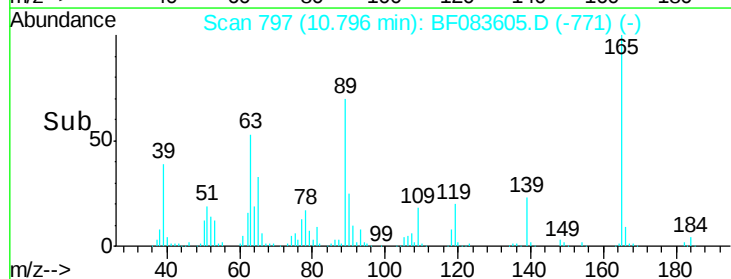
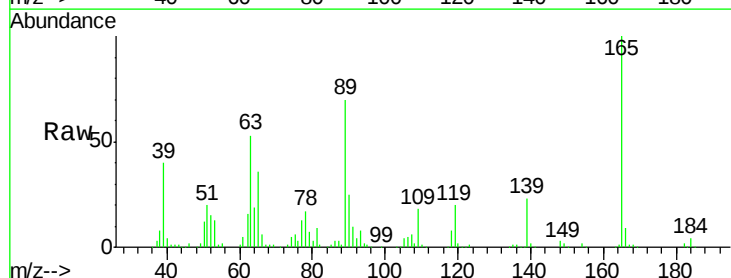
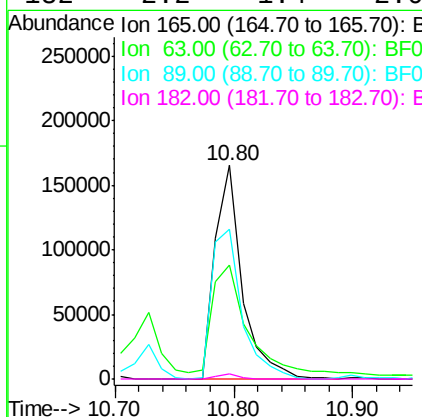
Manual Integrations
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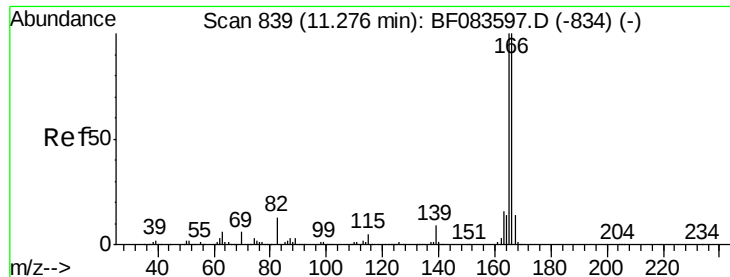
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#56
2,4-Dinitrotoluene
Concen: 45.12 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262303		
63	53.3	51.4	77.2	
89	70.0	72.6	108.8#	
182	2.2	1.4	2.0#	





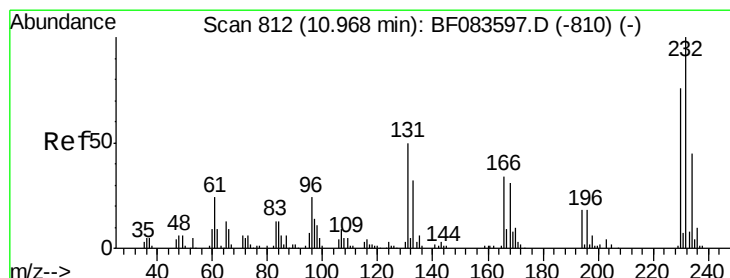
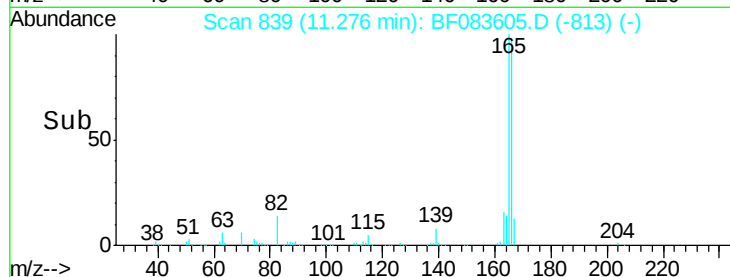
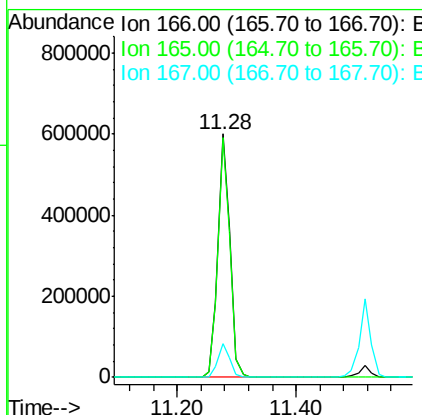
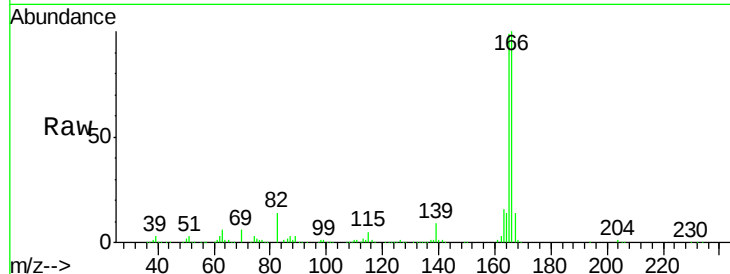
#57
 Fluorene
 Concen: 42.15 ng
 RT: 11.28 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.0	120.0
167	13.9	10.6	16.0

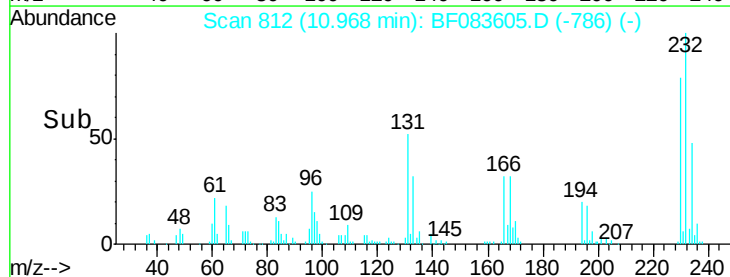
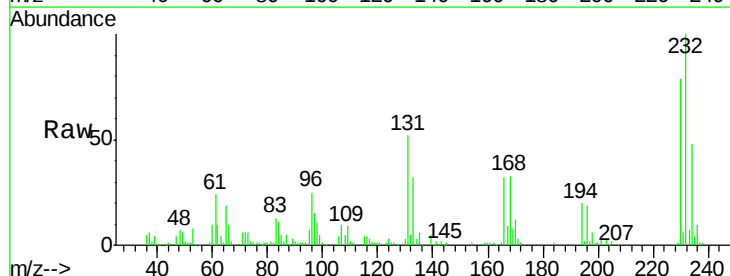
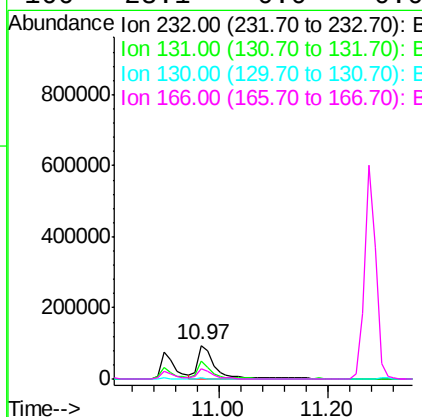
Manual Integrations
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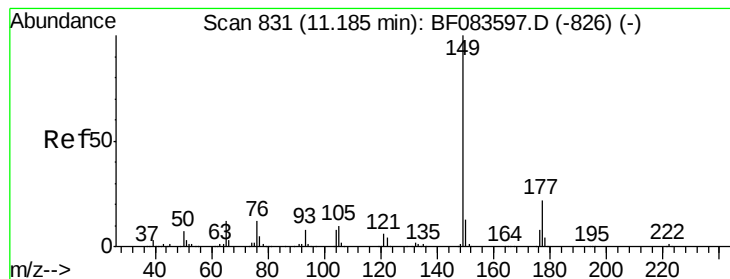
Mmdadoda
 12/9/2015 6:13:23 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.46 ng
 RT: 10.97 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.5	0.0	0.0#
130	2.2	0.0	0.0#
166	28.1	0.0	0.0#





#59

Diethylphthalate

Concen: 41.58 ng

RT: 11.18 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

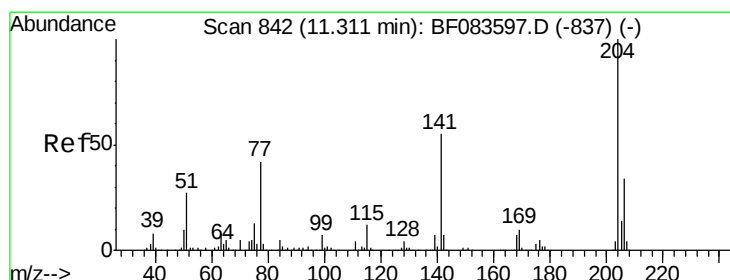
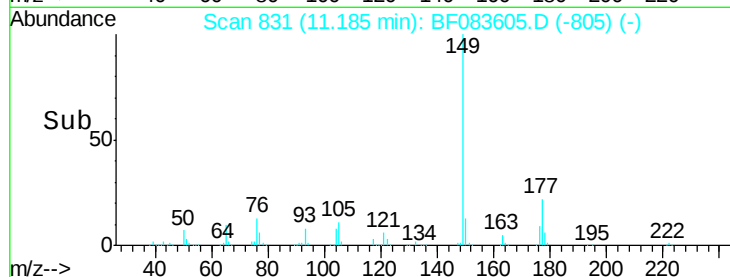
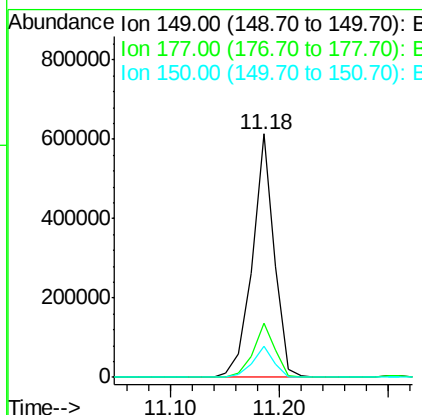
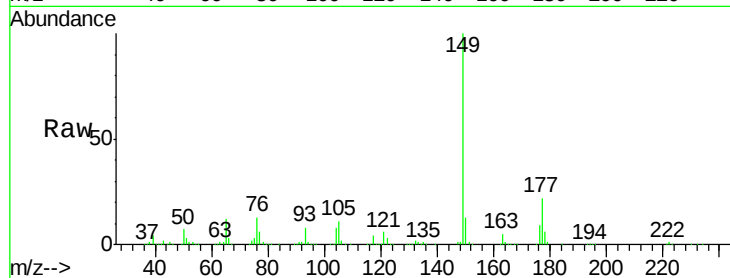
ClientSampleId :

PB87006BS

Tot Ion:	149	Resp:	858189
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.9	25.3
150	12.6	10.2	15.4

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#60

4-Chlorophenyl-phenylether

Concen: 42.48 ng

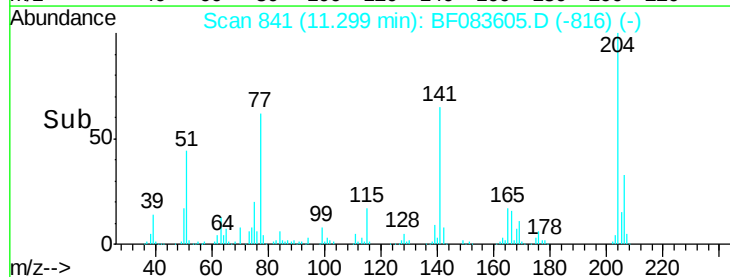
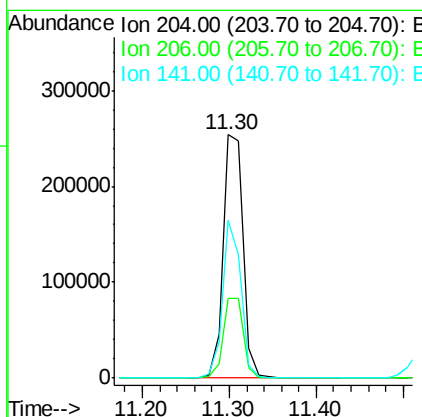
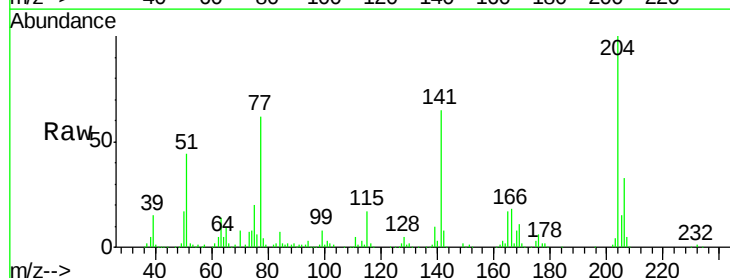
RT: 11.30 min Scan# 841

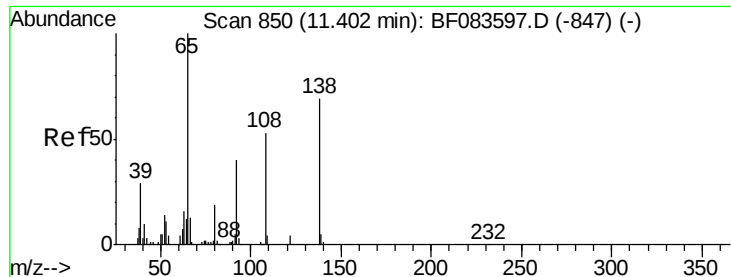
Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	204	Resp:	404356
Ion Ratio	Lower	Upper	
204	100		
206	32.9	27.3	40.9
141	64.9	51.9	77.9





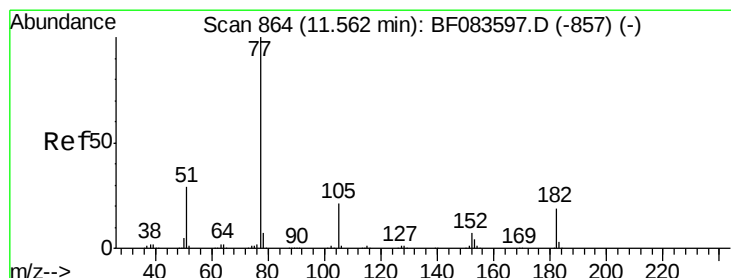
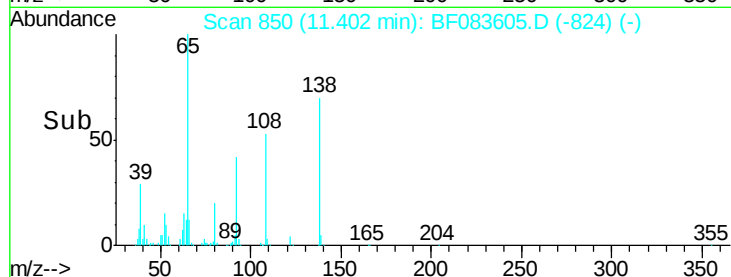
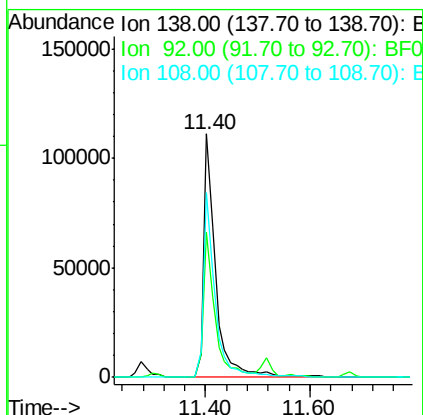
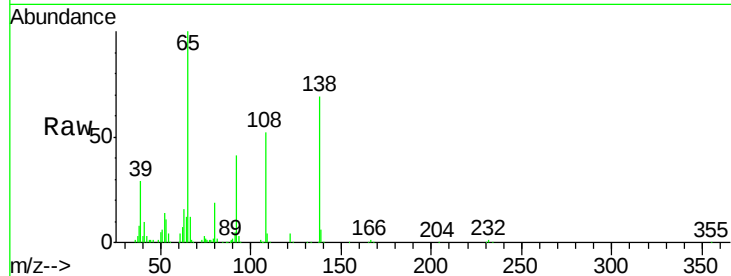
#61
4-Nitroaniline
Concen: 42.19 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.7	29.0	69.0
108	75.8	47.4	87.4

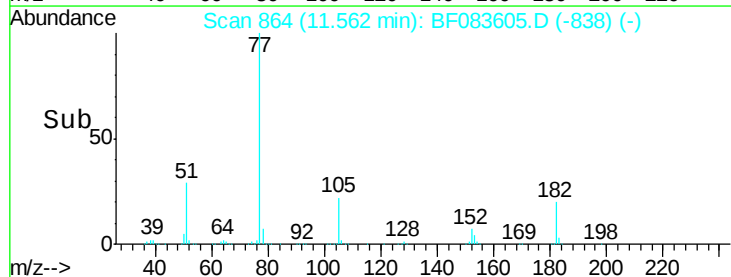
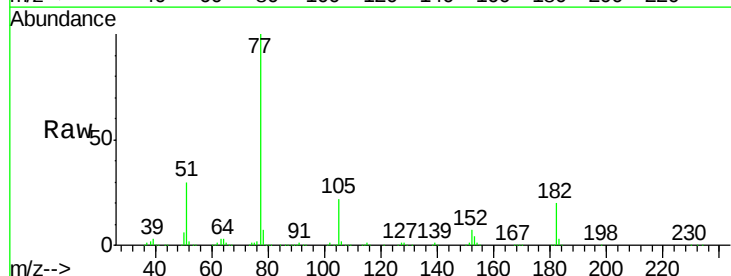
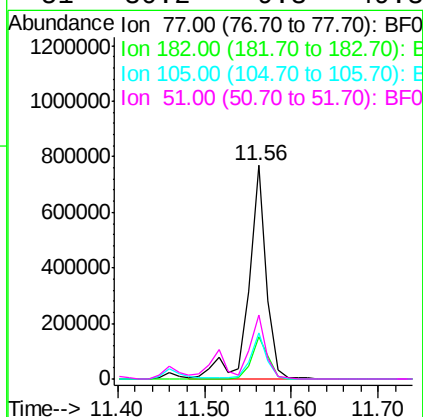
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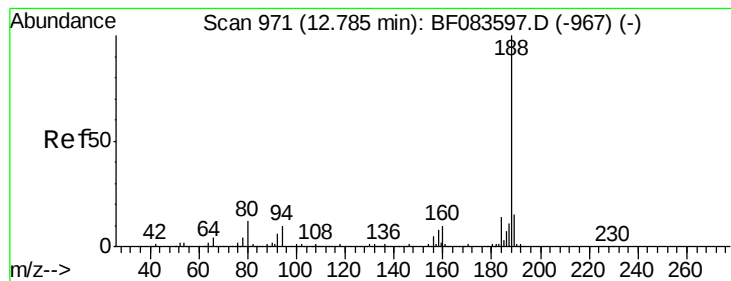
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#62
Azobenzene
Concen: 47.72 ng
RT: 11.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	2.5	42.5
105	21.7	2.1	42.1
51	30.2	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: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:188 Resp: 509454

Ion Ratio Lower Upper

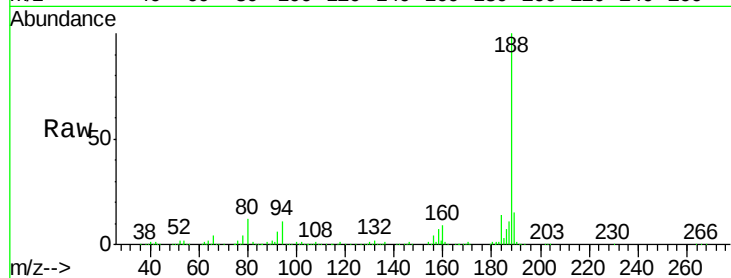
188 100

94 10.5 9.4 14.2

80 12.4 10.6 16.0

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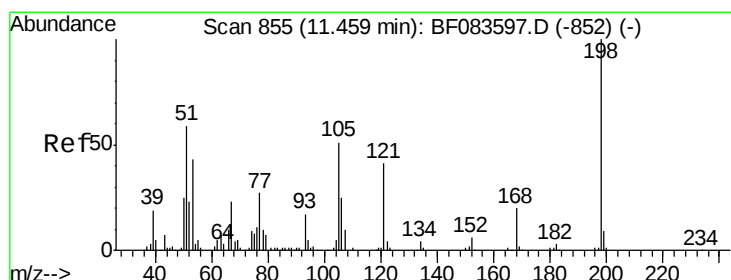
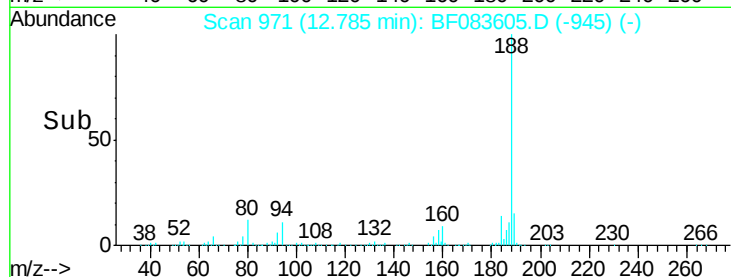
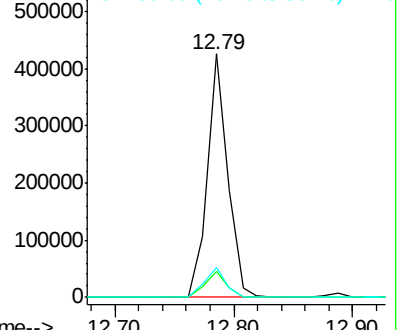
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.28 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

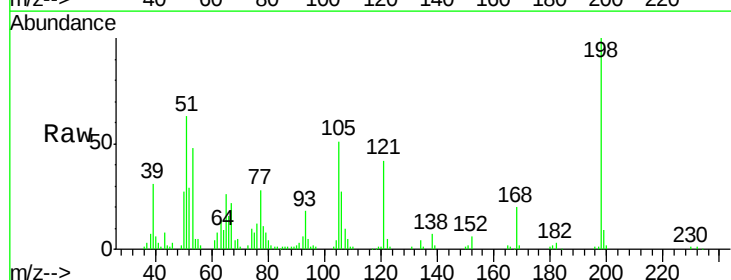
Tgt Ion:198 Resp: 135057

Ion Ratio Lower Upper

198 100

51 62.6 53.8 93.8

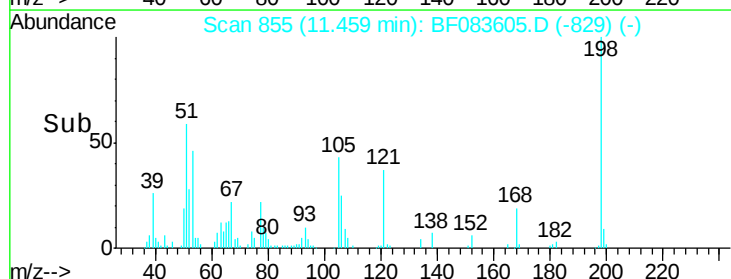
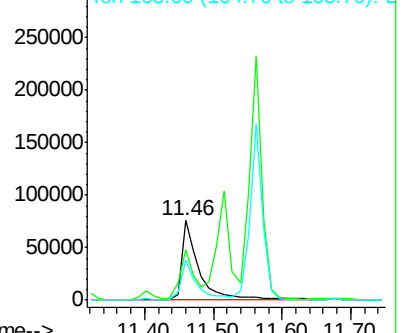
105 51.3 38.6 78.6

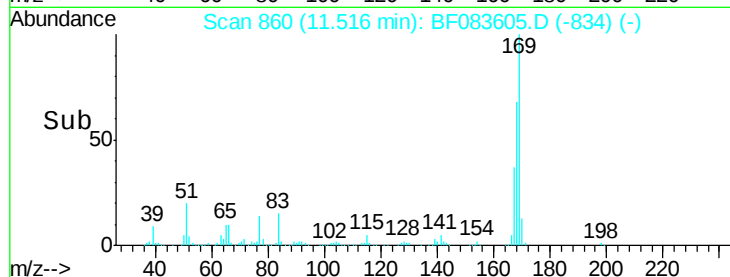
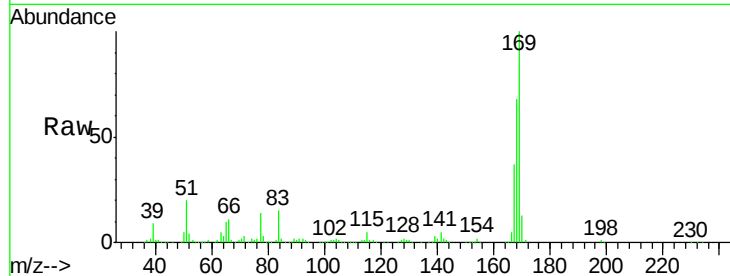
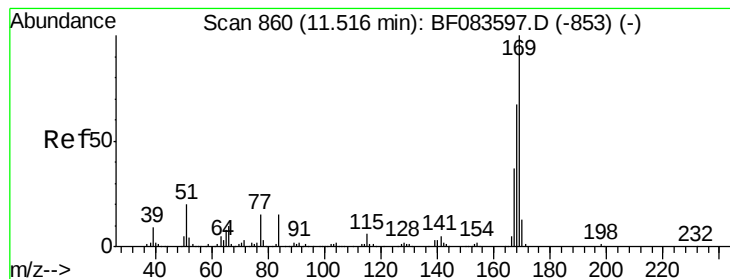


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.59 ng

RT: 11.52 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tot Ion:	169	Resp:	716065
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.0	79.6
167	36.6	29.3	43.9

Instrument :

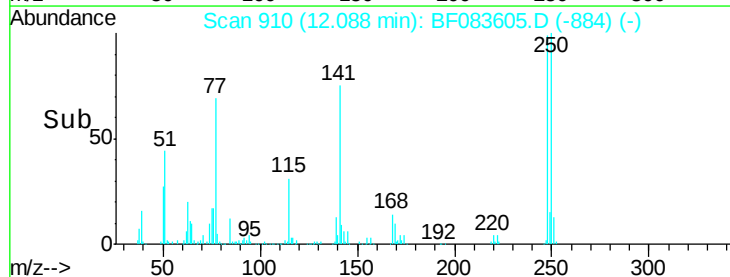
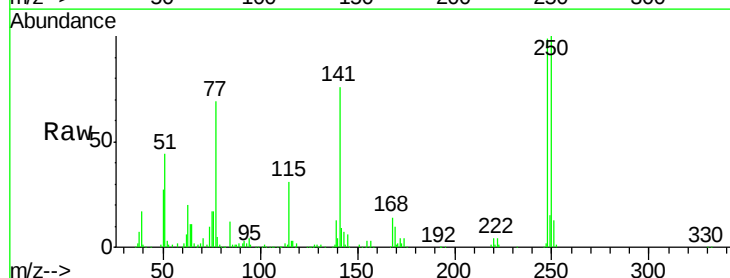
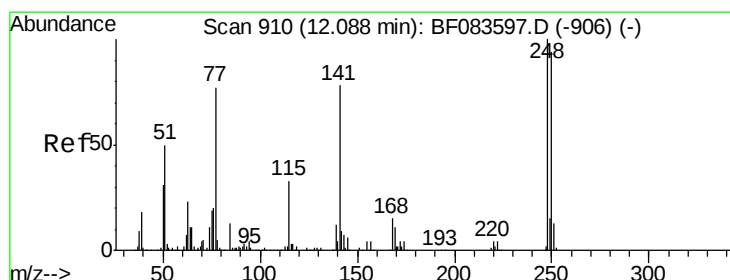
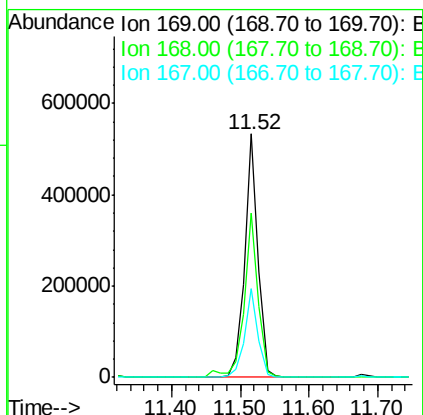
BNA_F

ClientSampleId :

PB87006BS

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#66

4-Bromophenyl-phenylether

Concen: 40.01 ng

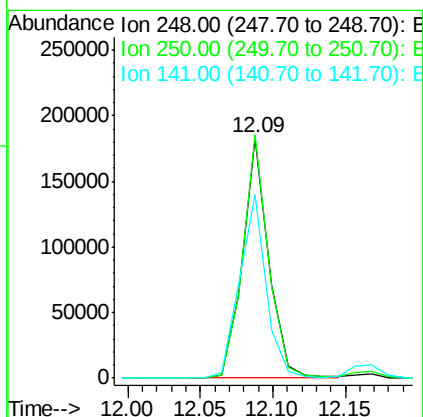
RT: 12.09 min Scan# 910

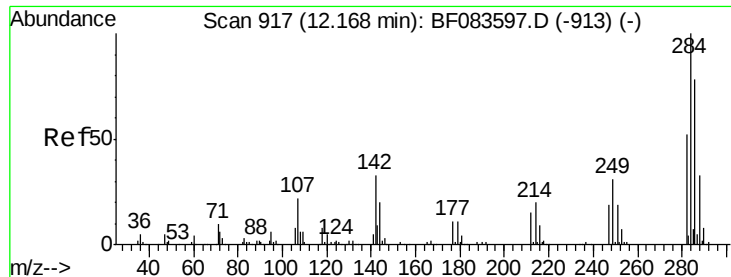
Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	248	Resp:	227336
Ion Ratio	Lower	Upper	
248	100		
250	101.4	79.2	118.8
141	76.6	58.2	87.4





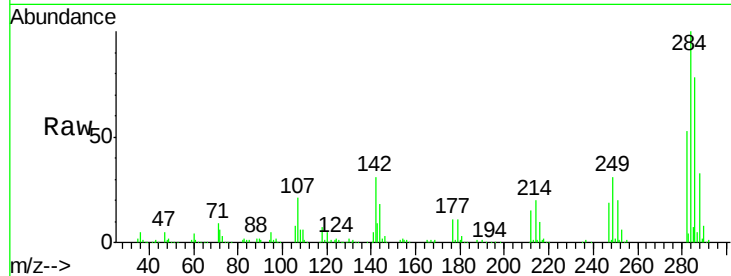
#67
Hexachlorobenzene
Concen: 42.47 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

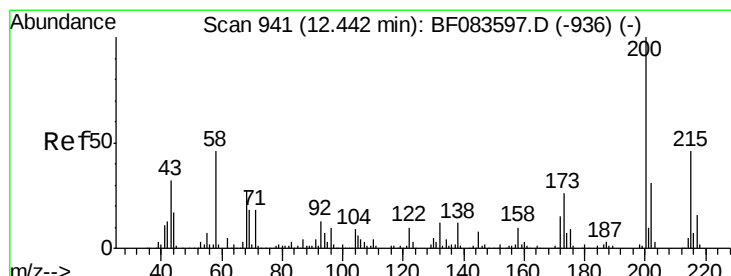
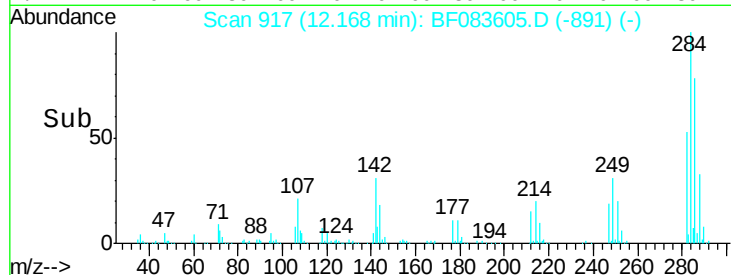
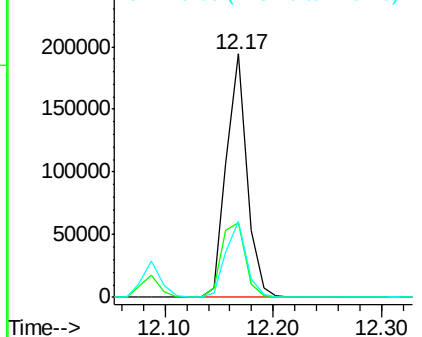
Tot Ion	Ratio	Resp	Lower	Upper
284	100	256031		
142	30.6	31.0	46.4	#
249	31.0	26.9	40.3	

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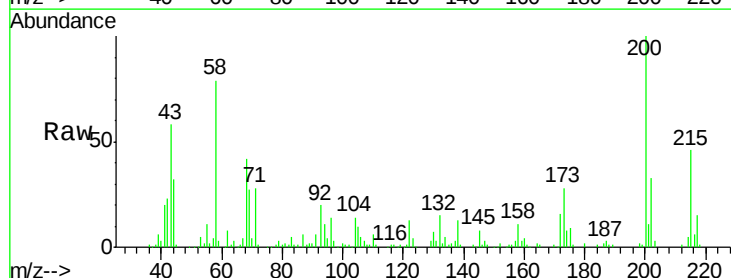


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

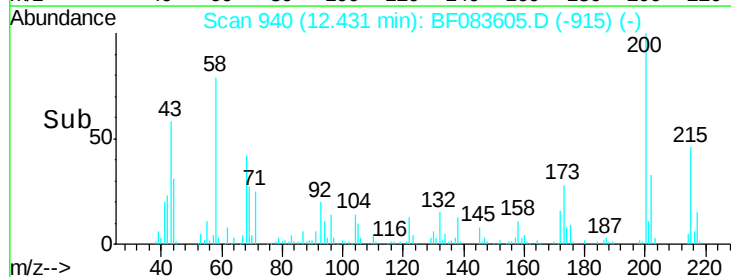
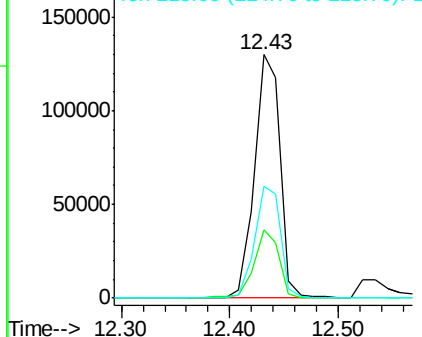


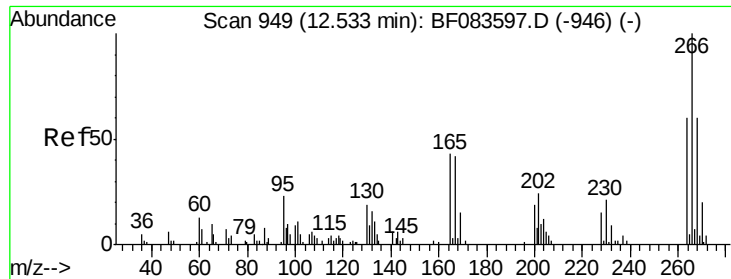
#68
Atrazine
Concen: 42.41 ng
RT: 12.43 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212177		
173	27.9	7.8	47.8	
215	45.7	25.7	65.7	



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





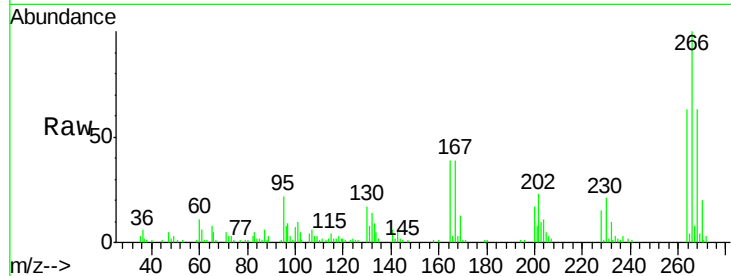
#69
 Pentachlorophenol
 Concen: 91.34 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

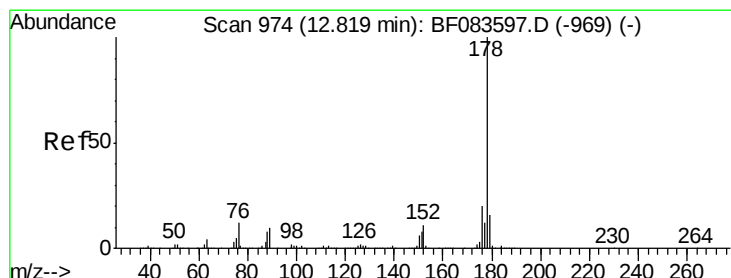
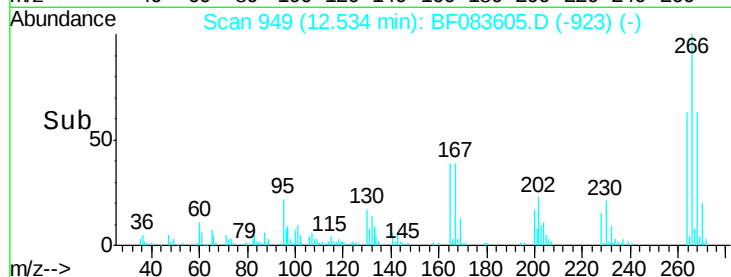
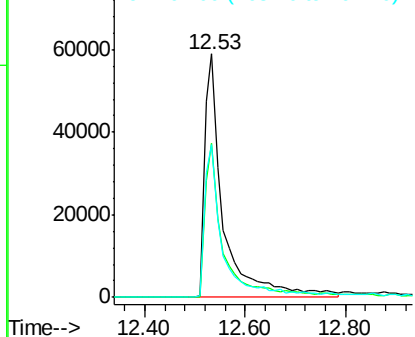
Tot Ion	Ratio	Resp	Lower	Upper
266	100	152369		
268	63.4	50.2	75.2	
264	62.6	51.4	77.2	

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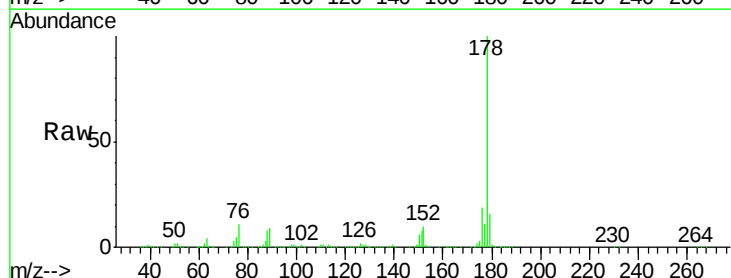


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

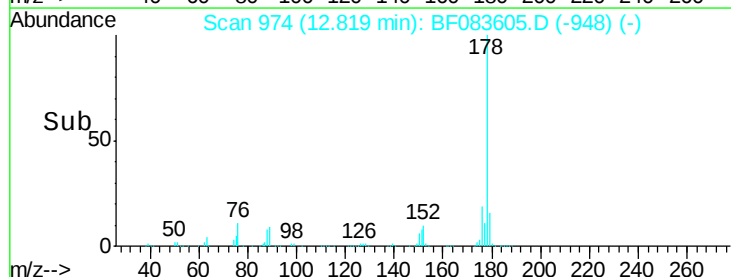
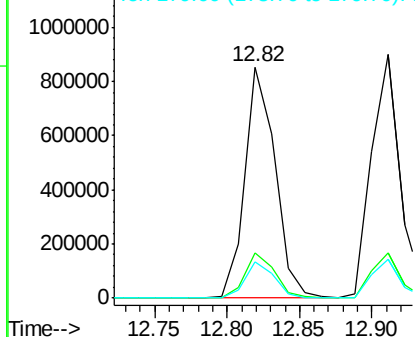


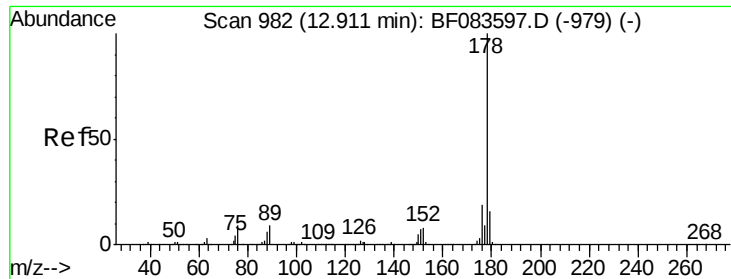
#70
 Phenanthrene
 Concen: 42.42 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1241567		
176	19.3	15.7	23.5	
179	15.7	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





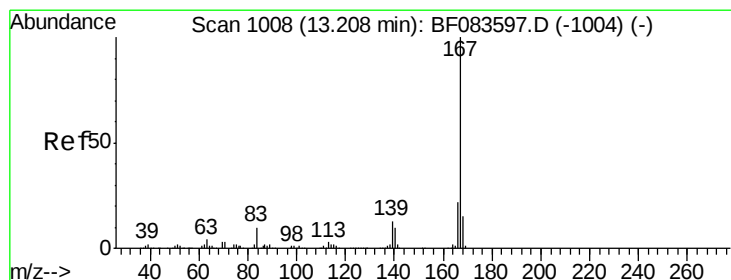
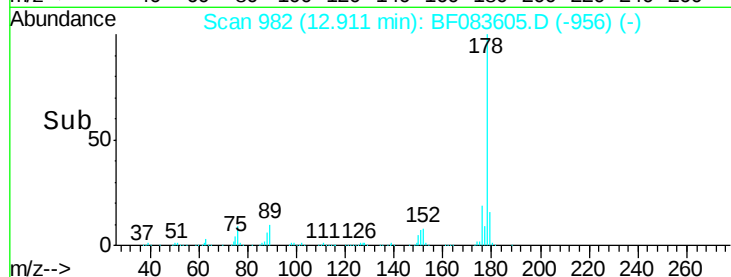
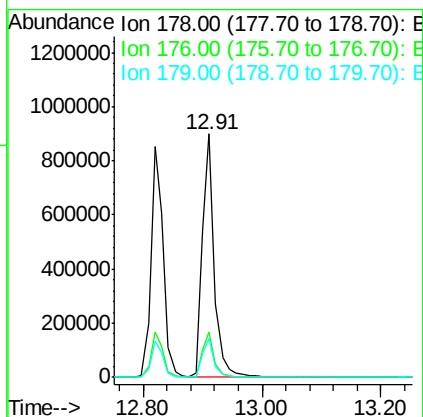
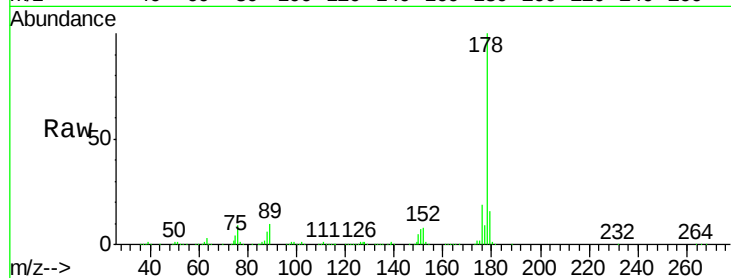
#71
 Anthracene
 Concen: 42.62 ng
 RT: 12.91 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.6	15.2	22.8	
179	15.7	12.6	18.8	

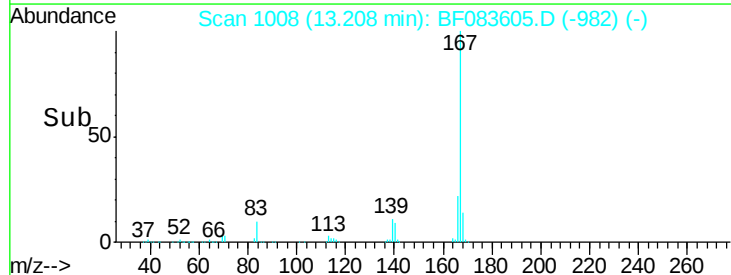
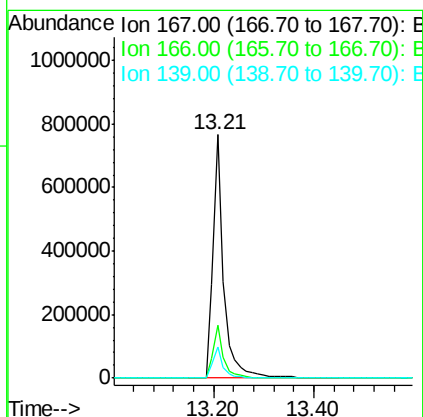
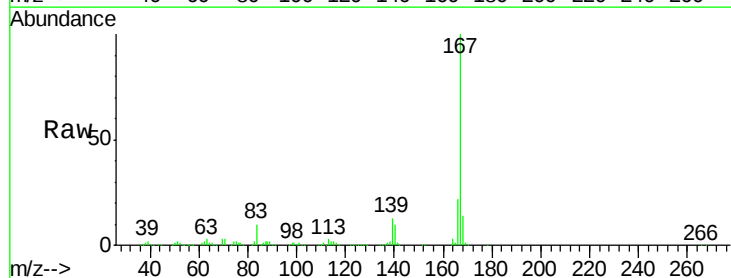
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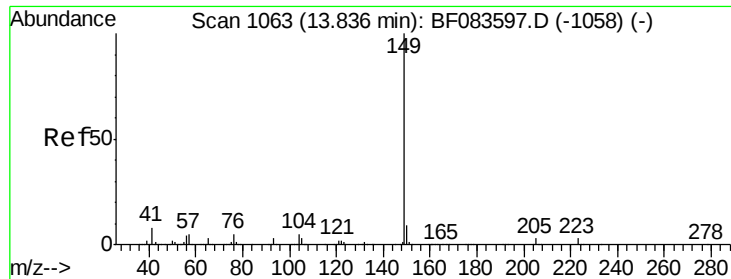
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#72
 Carbazole
 Concen: 43.69 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.2	25.8	
139	12.7	9.3	13.9	





#73

Di-n-butylphthalate

Concen: 43.59 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:149 Resp: 1425578

Ion Ratio Lower Upper

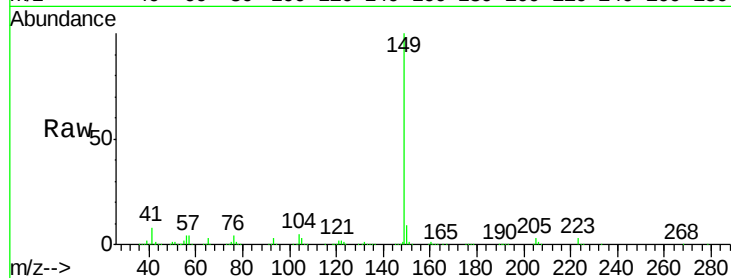
149 100

150 9.1 7.8 11.6

104 4.6 3.9 5.9

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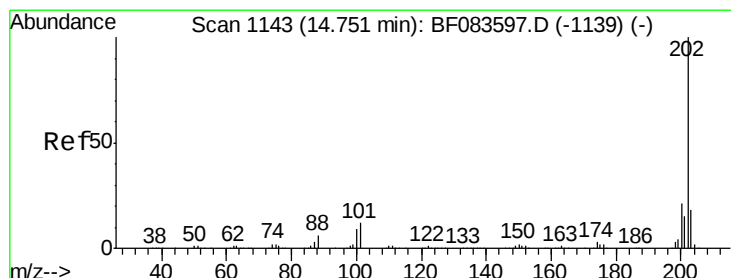
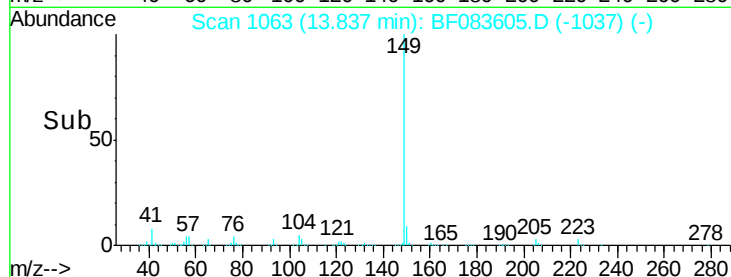
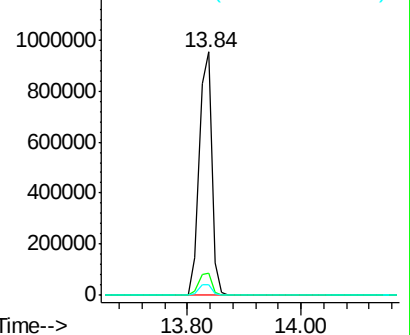
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.69 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

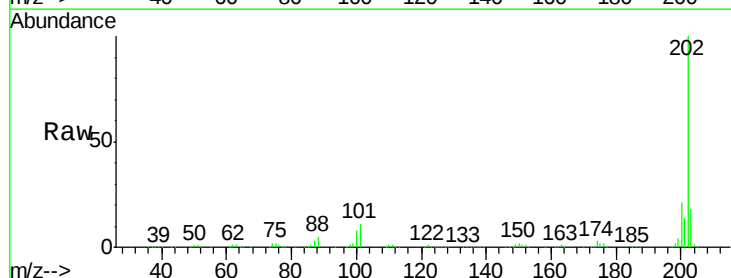
Tgt Ion:202 Resp: 1278439

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.5

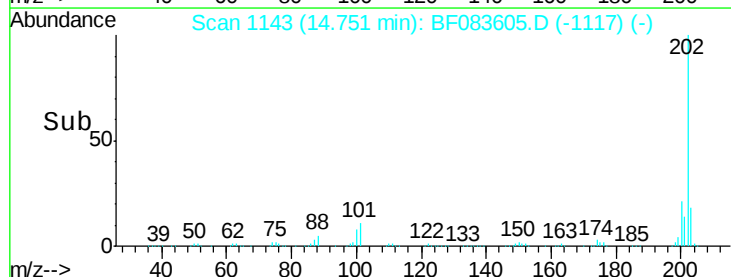
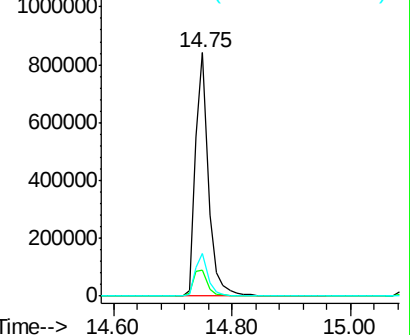
203 17.7 0.0 37.6

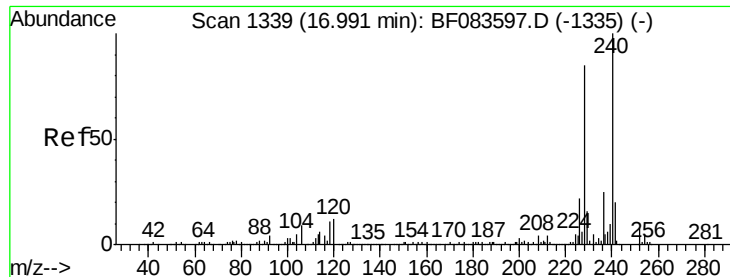


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

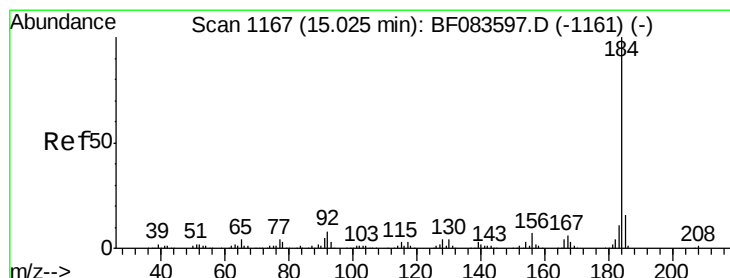
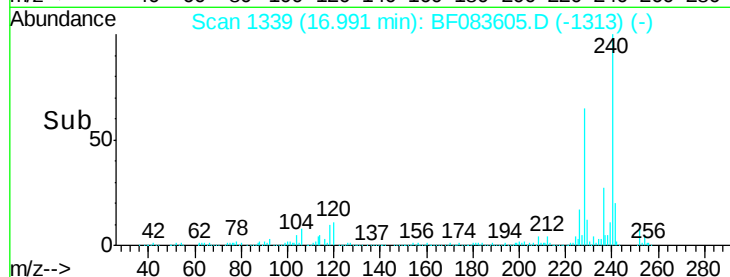
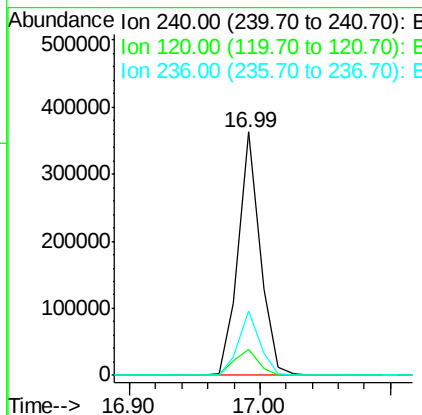
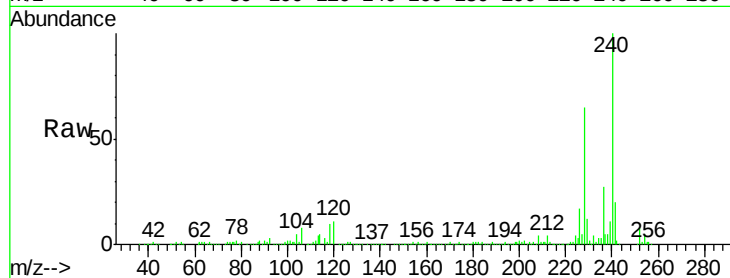
ClientSampleId :

PB87006BS

Tot Ion:	240	Resp:	423257
Ion Ratio		Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.5	20.8	31.2

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#76

Benzidine

Concen: 15.81 ng

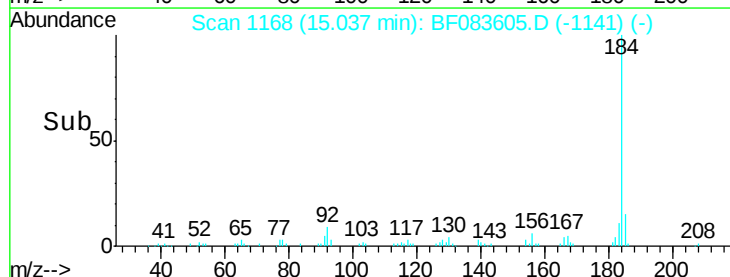
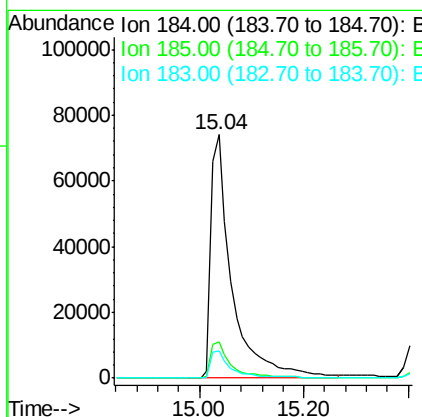
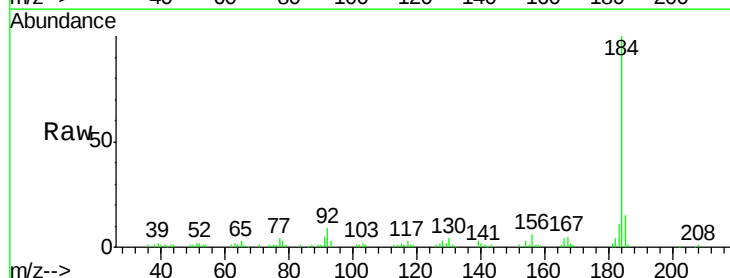
RT: 15.04 min Scan# 1168

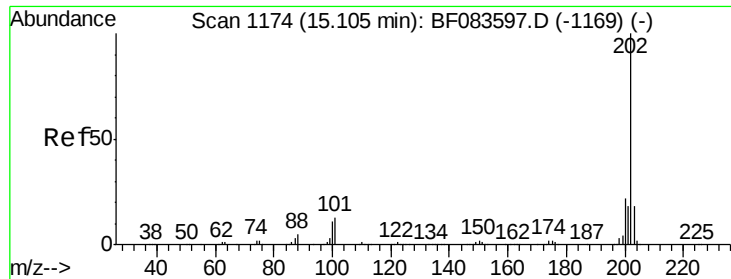
Delta R.T. 0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	184	Resp:	208182
Ion Ratio		Lower	Upper
184	100		
185	15.0	13.0	19.6
183	11.1	9.0	13.4





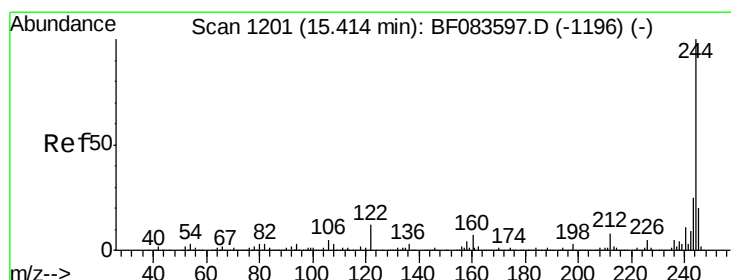
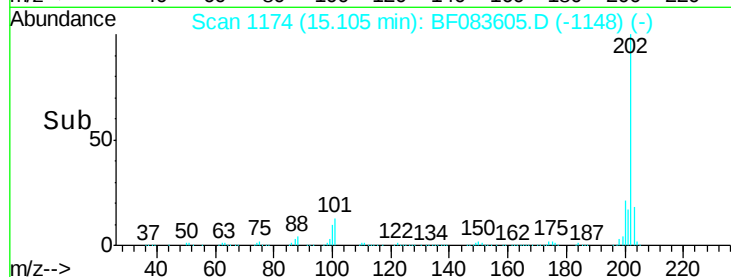
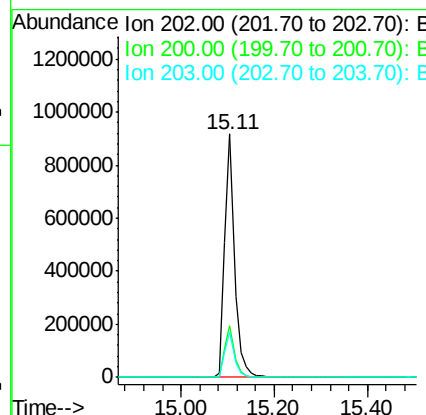
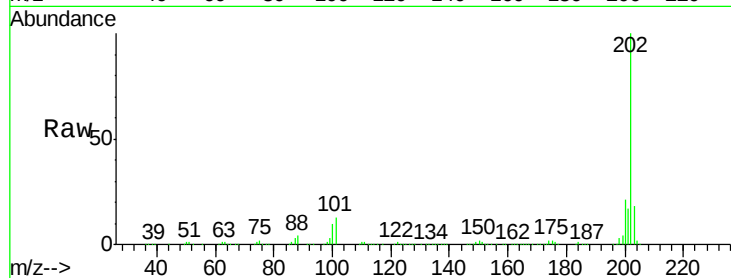
#77
Pvrene
Concen: 43.34 ng
RT: 15.11 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	18.3	14.3	21.5

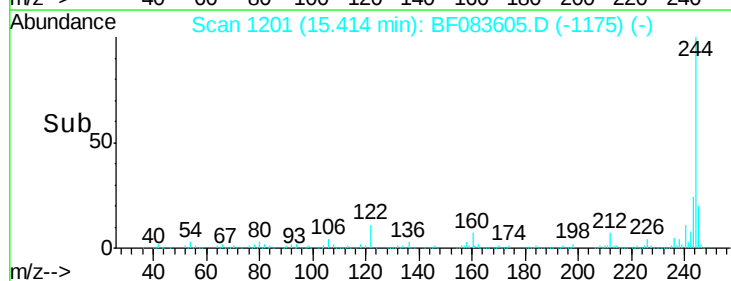
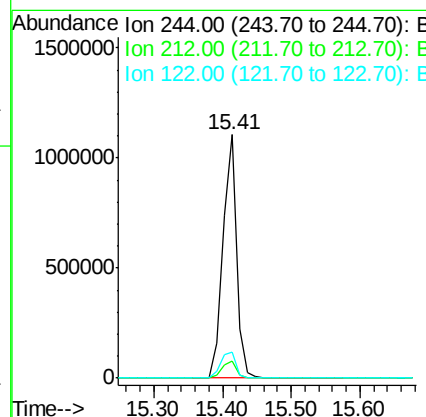
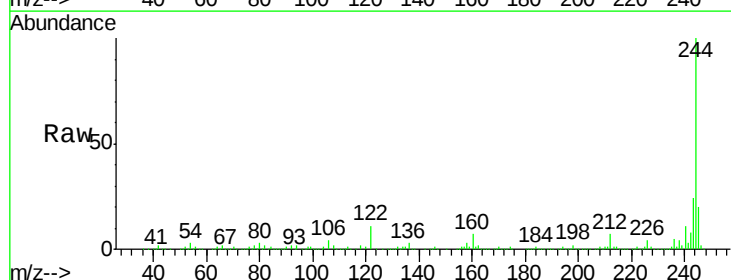
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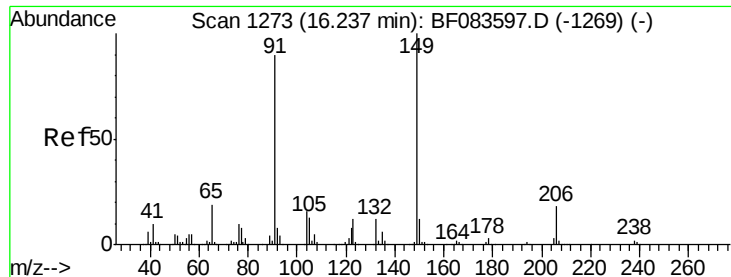
Mmdadoda
12/9/2015 6:13:23 PM



#78
Terphenyl-d14
Concen: 86.92 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.8	11.0	16.6





#79

Butylbenzylphthalate

Concen: 42.62 ng

RT: 16.24 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

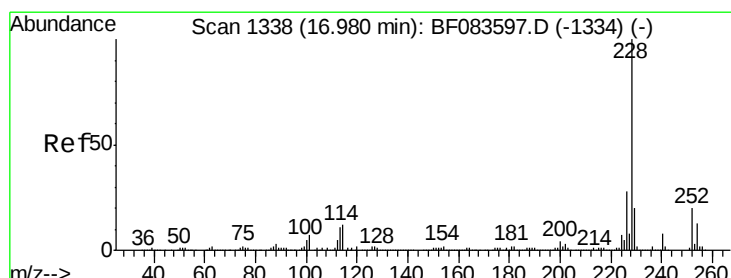
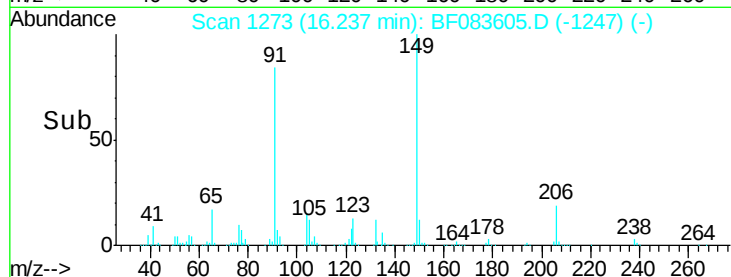
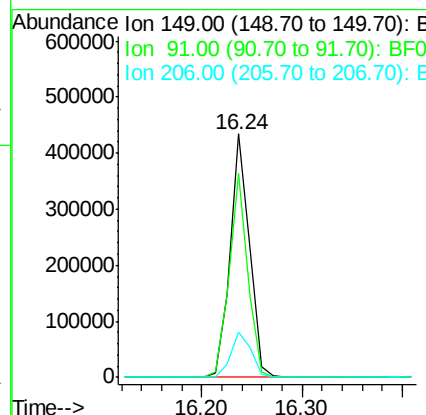
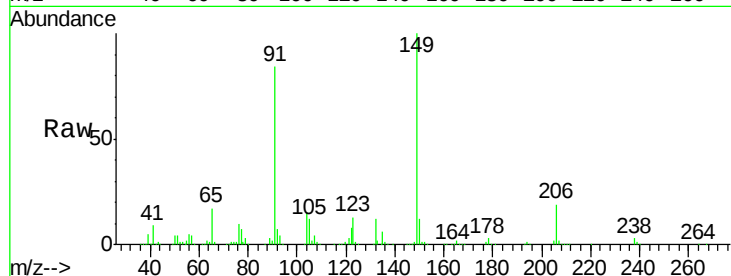
ClientSampleId :

PB87006BS

Tot Ion:	149	Resp:	576440
Ion Ratio	Lower	Upper	
149	100		
91	84.0	60.0	90.0
206	18.8	16.2	24.4

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#80

Benzo(a)anthracene

Concen: 42.82 ng

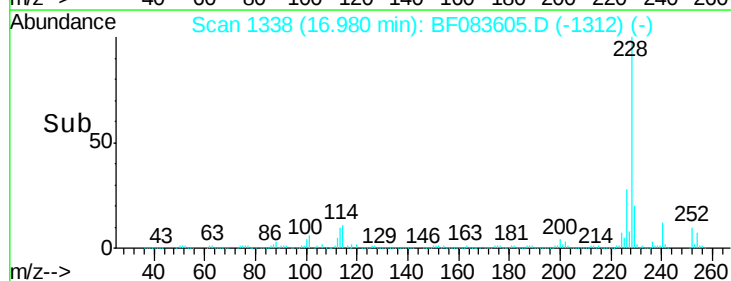
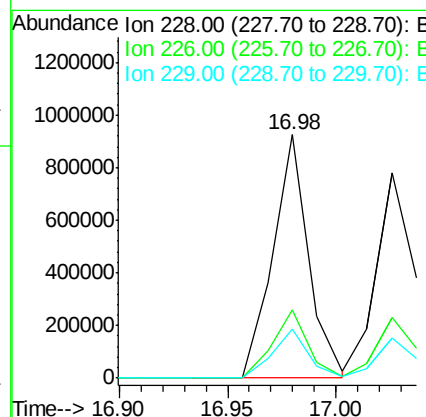
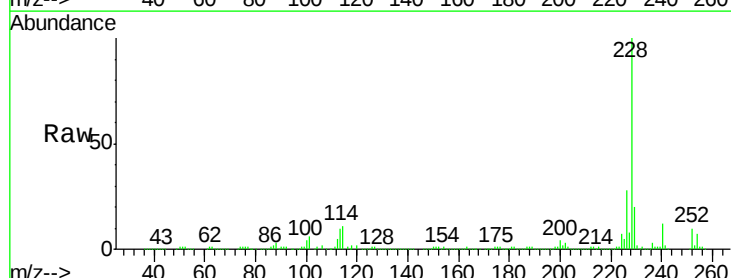
RT: 16.98 min Scan# 1338

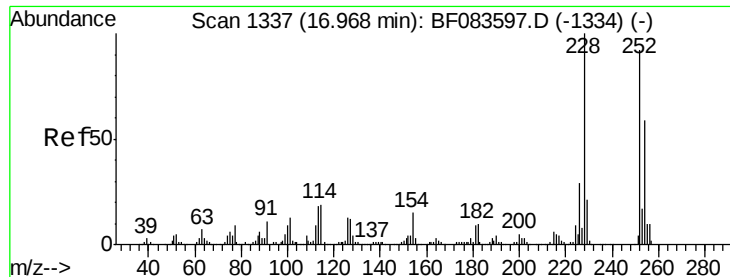
Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	228	Resp:	1060785
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.3	33.5
229	20.3	15.7	23.5





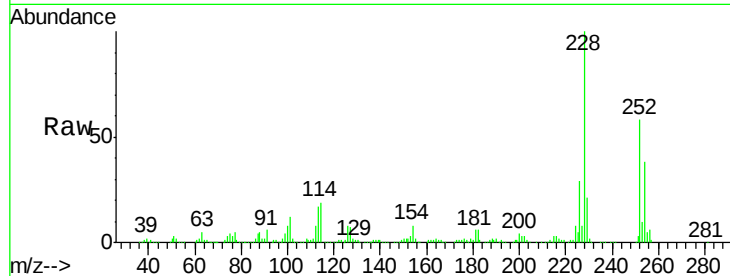
#81
 3,3'-Dichlorobenzidine
 Concen: 33.22 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

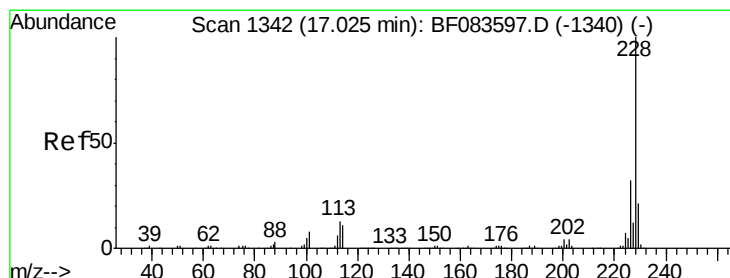
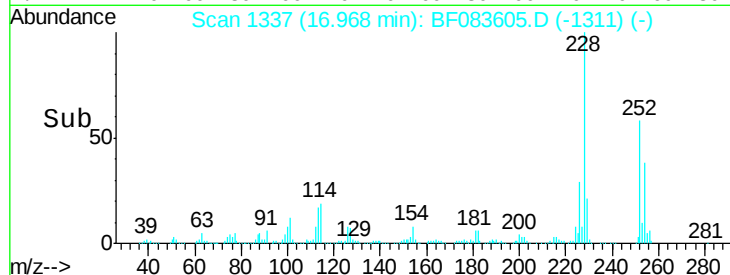
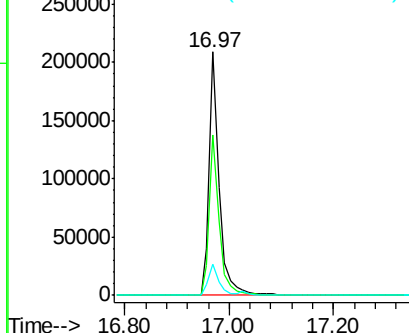
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.6	76.0
126	13.0	11.0	16.4

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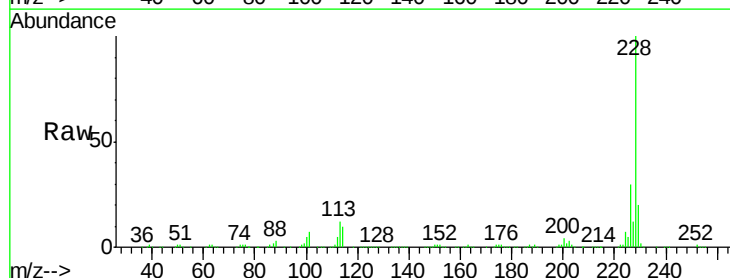


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

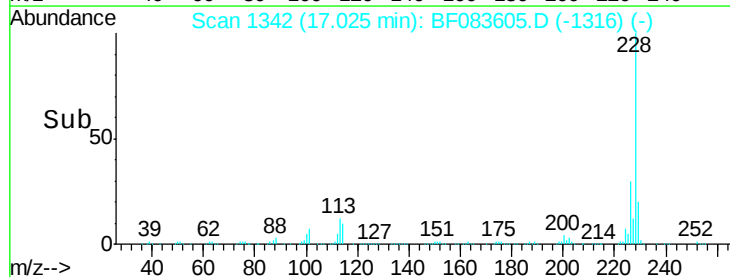
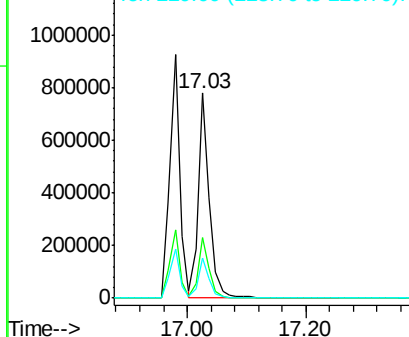


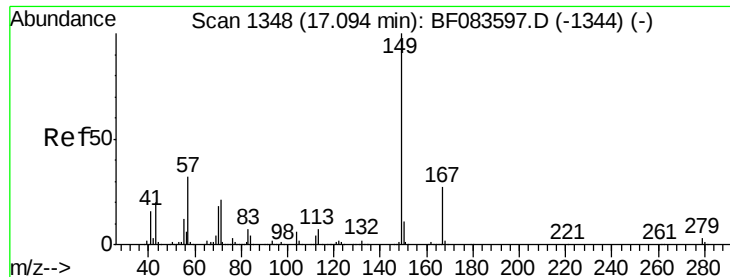
#82
 Chrysene
 Concen: 41.82 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	19.9	16.3	24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.59 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

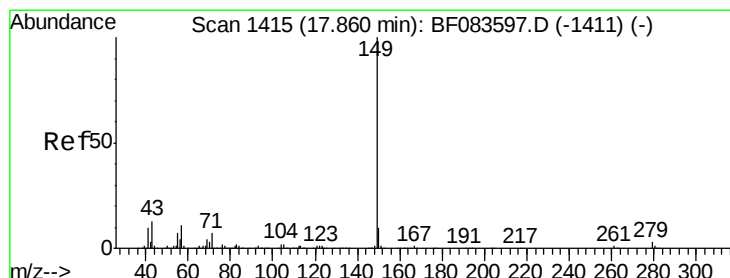
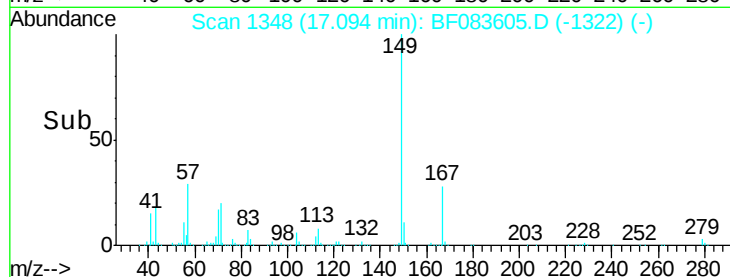
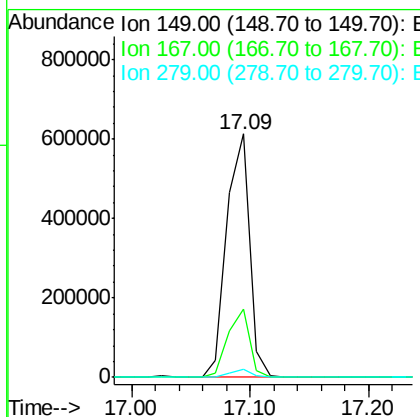
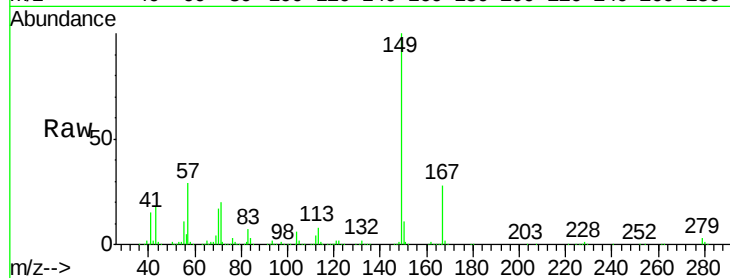
ClientSampleId :

PB87006BS

Tot Ion:	149	Resp:	818374
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.8	32.8
279	3.5	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 44.74 ng

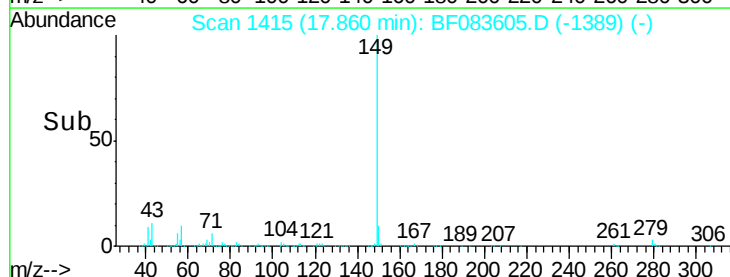
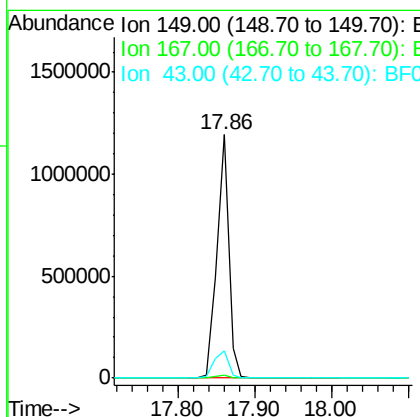
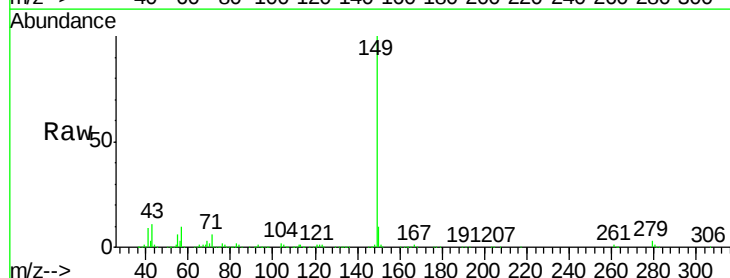
RT: 17.86 min Scan# 1415

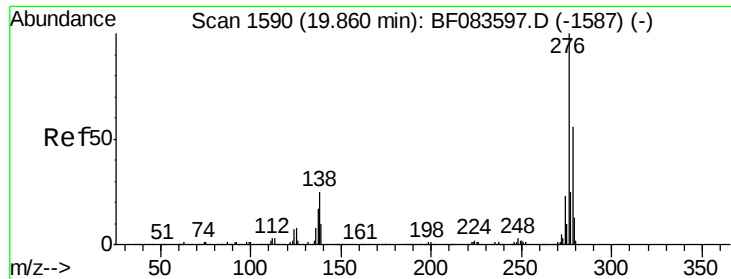
Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:	149	Resp:	1283321
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	13.4	0.0	0.0#





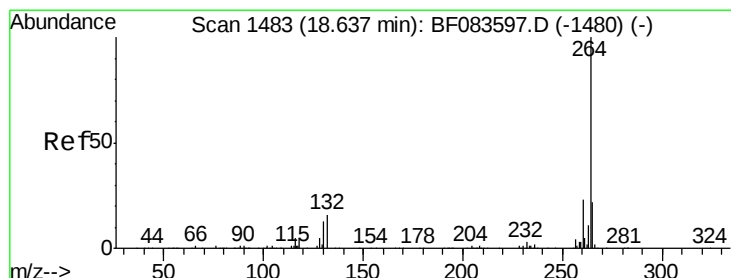
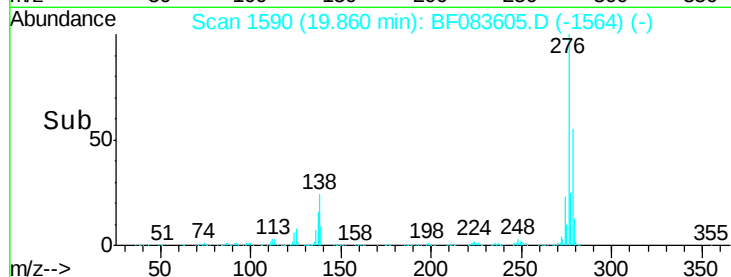
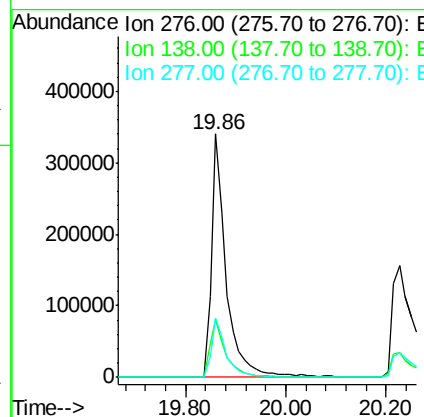
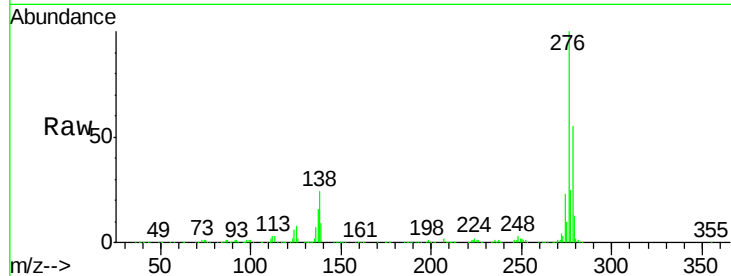
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.84 ng
RT: 19.86 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	0.0	0.0#
277	25.0	0.0	0.0#

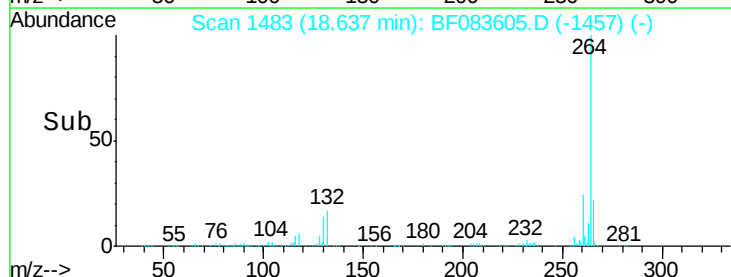
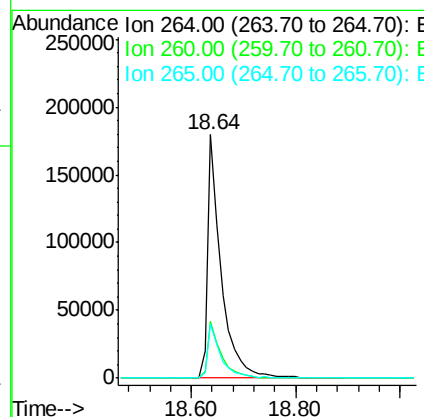
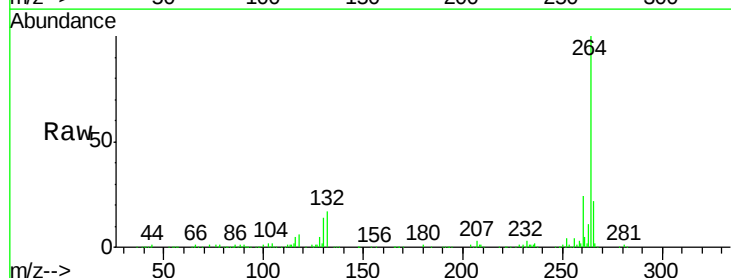
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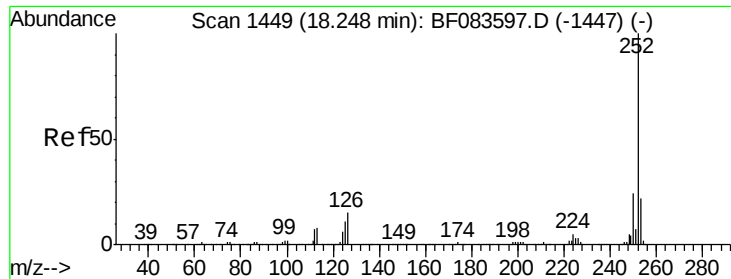
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12/9/2015 6:13:23 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 43.54 ng m

RT: 18.25 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

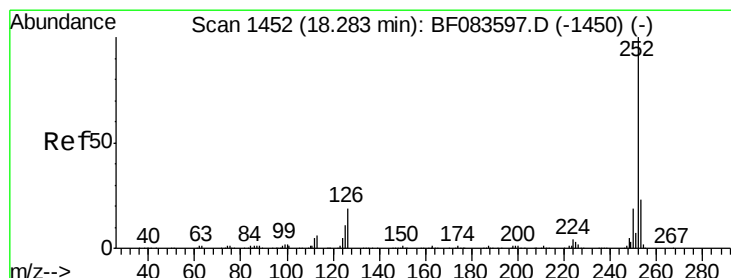
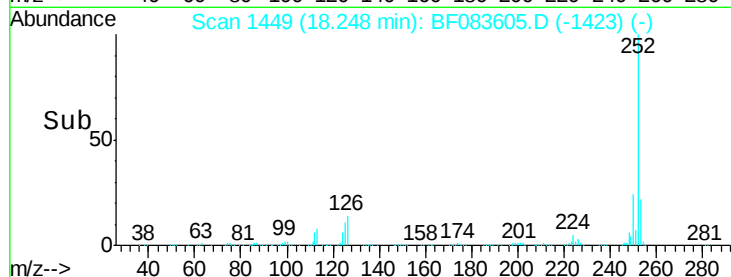
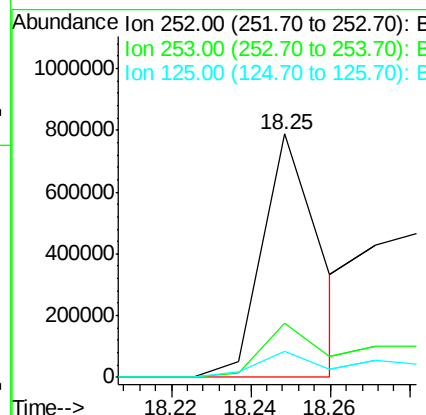
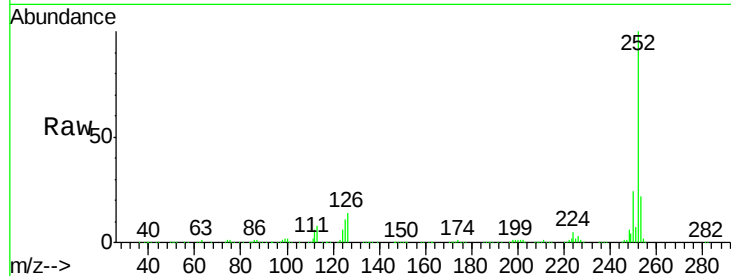
ClientSampleId :

PB87006BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.7	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 44.64 ng m

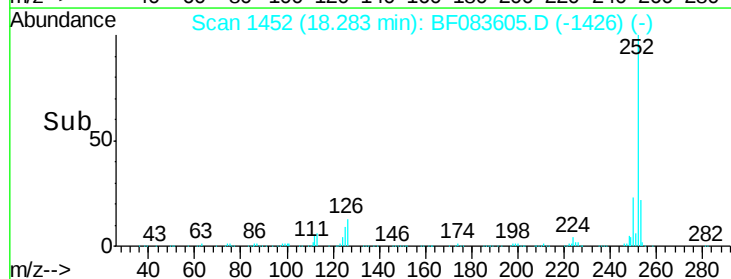
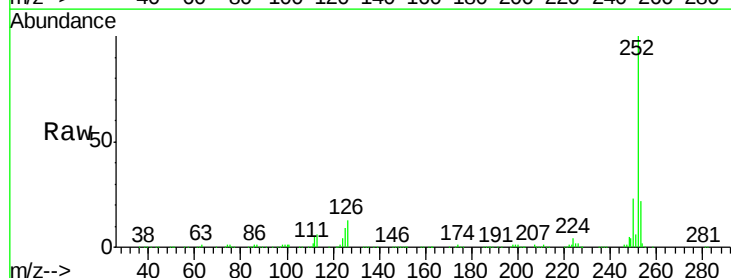
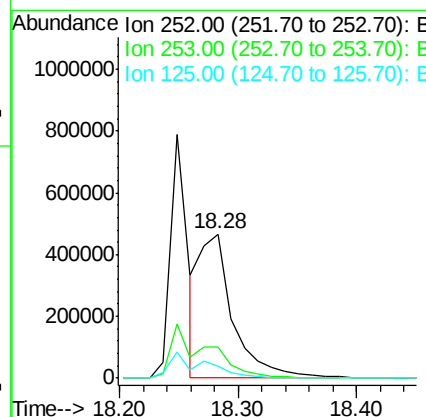
RT: 18.28 min Scan# 1452

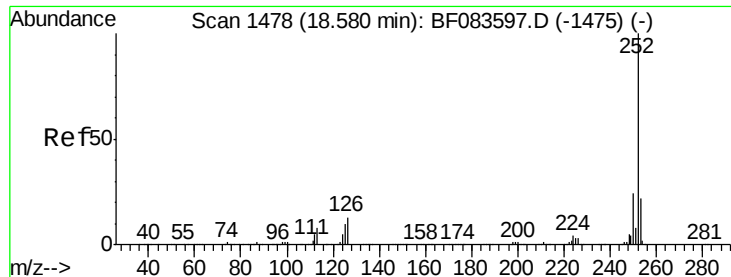
Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.6	27.8
125	8.5	11.5	17.3#





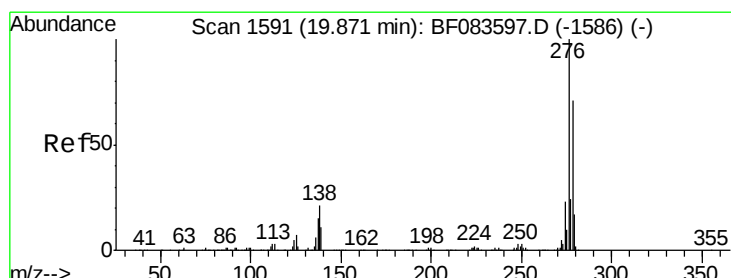
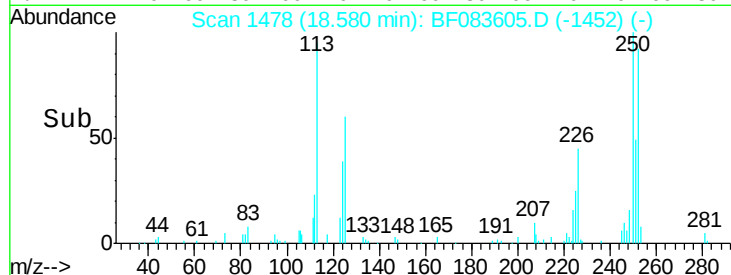
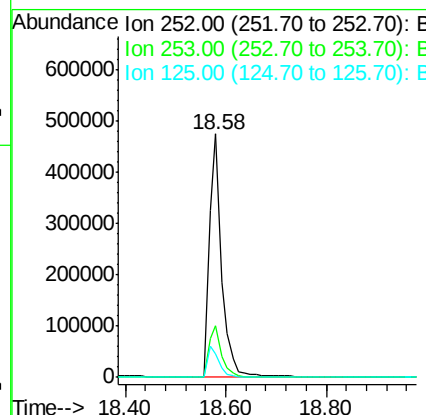
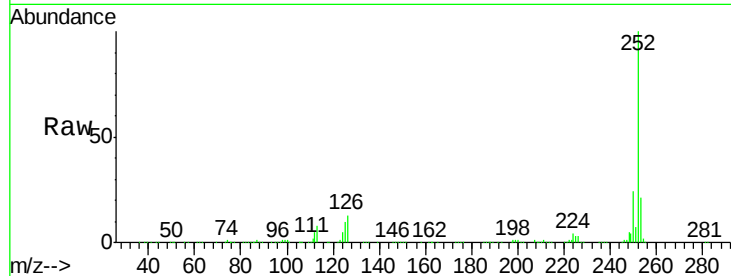
#89
Benzo(a)pyrene
Concen: 43.71 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	9.6	11.0	16.6

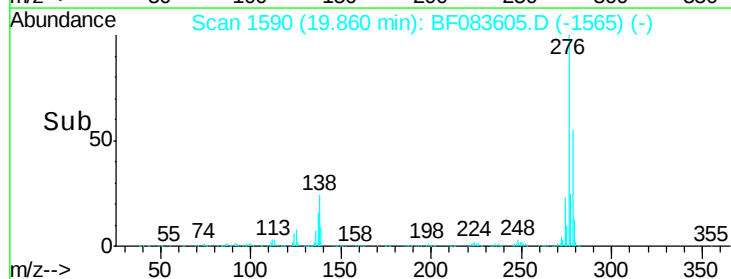
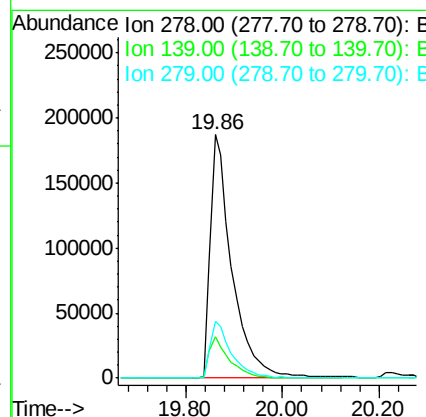
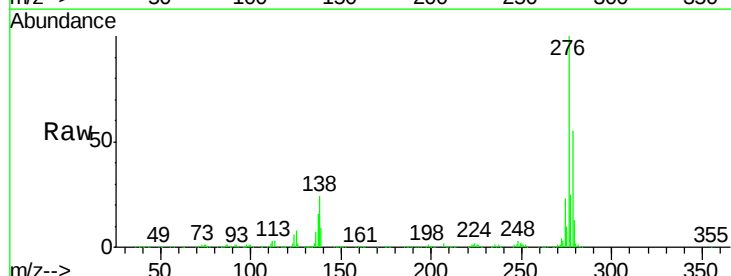
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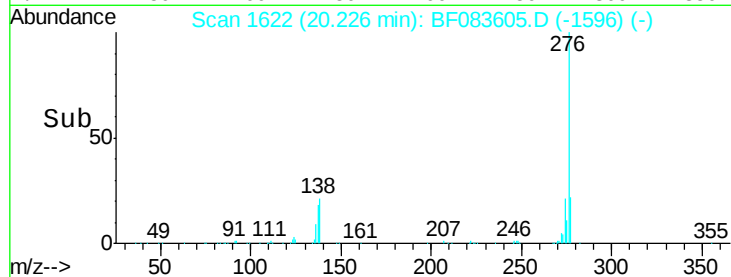
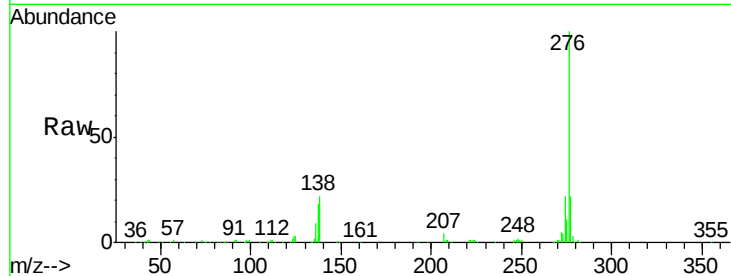
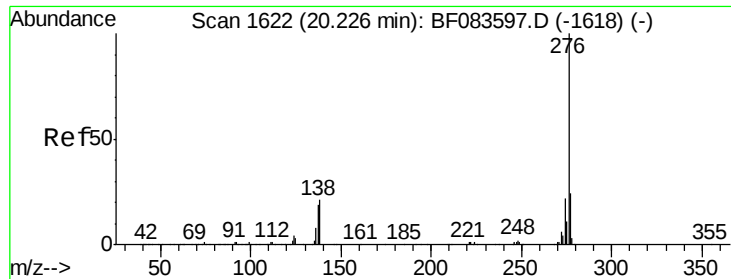
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 42.48 ng
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.3	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 40.47 ng

RT: 20.23 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tot Ion:	276	Resp:	543724
Ion Ratio	Lower	Upper	
276	100		
277	22.2	19.2	28.8
138	22.0	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Manual Integrations
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