

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083560.D
 Acq On : 7 Dec 2015 17:00
 Operator : UM/IZ
 Sample : PB87075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Manual Integrations
 APPROVED

Mmdadoda
 12/8/2015 6:15:39 PM

Quant Time: Dec 08 01:29:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	140583	20.00	ng	-0.05
21) Naphthalene-d8	7.63	136	561613	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	281007	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	529724	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	445883	20.00	ng	-0.03
86) Perylene-d12	18.66	264	350311	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.01	112	1187584	128.16	ng	-0.02
7) Phenol-d6	5.29	99	1616301	126.60	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1013171	84.33	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	328182	126.60	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1659781	80.11	ng	-0.06
78) Terphenyl-d14	15.45	244	1592122	79.46	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.89	88	143874	29.60	ng	# 77
3) Pyridine	2.33	79	514665	44.37	ng	98
4) n-Nitrosodimethylamine	2.29	42	271309	46.44	ng	92
6) Aniline	5.28	93	474390	28.55	ng	96
8) 2-Chlorophenol	5.45	128	459871	44.62	ng	93
9) Benzaldehyde	5.13	77	142928	19.53	ng	99
10) Phenol	5.31	94	650217	43.55	ng	# 77
11) bis(2-Chloroethyl)ether	5.39	93	469351	42.42	ng	95
12) 1,3-Dichlorobenzene	5.64	146	489028	42.79	ng	98
13) 1,4-Dichlorobenzene	5.74	146	500987	42.92	ng	99
14) 1,2-Dichlorobenzene	5.96	146	472205	44.00	ng	98
15) Benzyl Alcohol	5.97	79	476258	53.77	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.16	45	869009	42.36	ng	93
17) 2-Methylphenol	6.16	107	390069	45.86	ng	97
18) Hexachloroethane	6.44	117	178100	43.72	ng	92
19) n-Nitroso-di-n-propylamine	6.36	70	406289	47.70	ng	97
20) 3+4-Methylphenols	6.40	107	524542	47.48	ng	99
22) Acetophenone	6.34	105	681491	42.12	ng	# 99
24) Nitrobenzene	6.58	77	549375	41.52	ng	99
25) Isophorone	6.96	82	1020544	44.23	ng	98
26) 2-Nitrophenol	7.06	139	239993	45.96	ng	96
27) 2,4-Dimethylphenol	7.18	122	419467	45.47	ng	96
28) bis(2-Chloroethoxy)methane	7.31	93	614189	47.76	ng	99
29) 2,4-Dichlorophenol	7.46	162	395442	47.47	ng	98
30) 1,2,4-Trichlorobenzene	7.55	180	405047	43.98	ng	99
31) Naphthalene	7.65	128	1312581	43.91	ng	99
32) Benzoic acid	7.49	122	230032	44.13	ng	97
33) 4-Chloroaniline	7.79	127	226689	19.39	ng	94
34) Hexachlorobutadiene	7.87	225	234630	43.11	ng	97
35) Caprolactam	8.40	113	128255m	48.40	ng	
36) 4-Chloro-3-methylphenol	8.64	107	434370	46.33	ng	99
37) 2-Methylnaphthalene	8.76	142	875275	47.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	393763	42.61	ng	# 100
40) Hexachlorocyclopentadiene	9.01	237	220953	63.46	ng	97

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Quant Time: Dec 08 01:29:56 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	251119	43.29	nq	99
43) 2,4,5-Trichlorophenol	9.33	196	264372	44.24	nq	96
45) 1,1'-Biphenyl	9.52	154	1033210	41.38	nq	98
46) 2-Chloronaphthalene	9.54	162	826219	43.91	nq	99
47) 2-Nitroaniline	9.74	65	319131	47.61	nq	97
48) Acenaphthylene	10.19	152	1320946	42.87	nq	100
49) Dimethylphthalate	10.08	163	987018	44.63	nq	99
50) 2,6-Dinitrotoluene	10.16	165	214423	46.04	nq	97
51) Acenaphthene	10.48	154	776609	43.80	nq	98
52) 3-Nitroaniline	10.42	138	129369	25.77	nq	# 97
53) 2,4-Dinitrophenol	10.61	184	199156m	82.74	nq	
54) Dibenzofuran	10.76	168	1198883	48.81	nq	99
55) 4-Nitrophenol	10.81	139	226096	79.95	nq	89
56) 2,4-Dinitrotoluene	10.82	165	295441	48.57	nq	# 83
57) Fluorene	11.31	166	956111	44.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.99	232	229146	51.27	nq	# 100
59) Diethylphthalate	11.22	149	969048	45.53	nq	99
60) 4-Chlorophenyl-phenylether	11.33	204	448991	43.84	nq	98
61) 4-Nitroaniline	11.42	138	201488	44.29	nq	88
62) Azobenzene	11.60	77	1227693	54.06	nq	99
64) 4,6-Dinitro-2-methylphenol	11.48	198	157206	44.27	nq	84
65) n-Nitrosodiphenylamine	11.55	169	818904	46.69	nq	98
66) 4-Bromophenyl-phenylether	12.12	248	259891	44.90	nq	97
67) Hexachlorobenzene	12.19	284	283068	45.75	nq	96
68) Atrazine	12.47	200	256263	48.32	nq	100
69) Pentachlorophenol	12.56	266	212564	75.82	nq	98
70) Phenanthrene	12.85	178	1386658	44.97	nq	99
71) Anthracene	12.93	178	1440295	45.80	nq	99
72) Carbazole	13.23	167	1267548	46.94	nq	98
73) Di-n-butylphthalate	13.87	149	1549162	47.64	nq	99
74) Fluoranthene	14.77	202	1442613	47.21	nq	97
76) Benzidine	15.05	184	508300	31.55	nq	97
77) Pyrene	15.14	202	1470207	44.08	nq	99
79) Butylbenzylphthalate	16.27	149	642011	48.95	nq	90
80) Benzo(a)anthracene	17.00	228	1180211	45.24	nq	99
81) 3,3'-Dichlorobenzidine	17.00	252	232136	27.82	nq	98
82) Chrysene	17.05	228	1130596	43.50	nq	99
83) Bis(2-ethylhexyl)phthalate	17.12	149	839336	48.77	nq	# 97
84) Di-n-octyl phthalate	17.88	149	1288377	52.49	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.89	276	903410	40.55	nq	# 100
87) Benzo(b)fluoranthene	18.27	252	896909m	45.59	nq	
88) Benzo(k)fluoranthene	18.31	252	992952m	49.27	nq	
89) Benzo(a)pyrene	18.60	252	887800	46.39	nq	# 95
90) Dibenzo(a,h)anthracene	19.89	278	765418	41.57	nq	97
91) Benzo(g,h,i)perylene	20.25	276	757257	40.81	nq	98

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

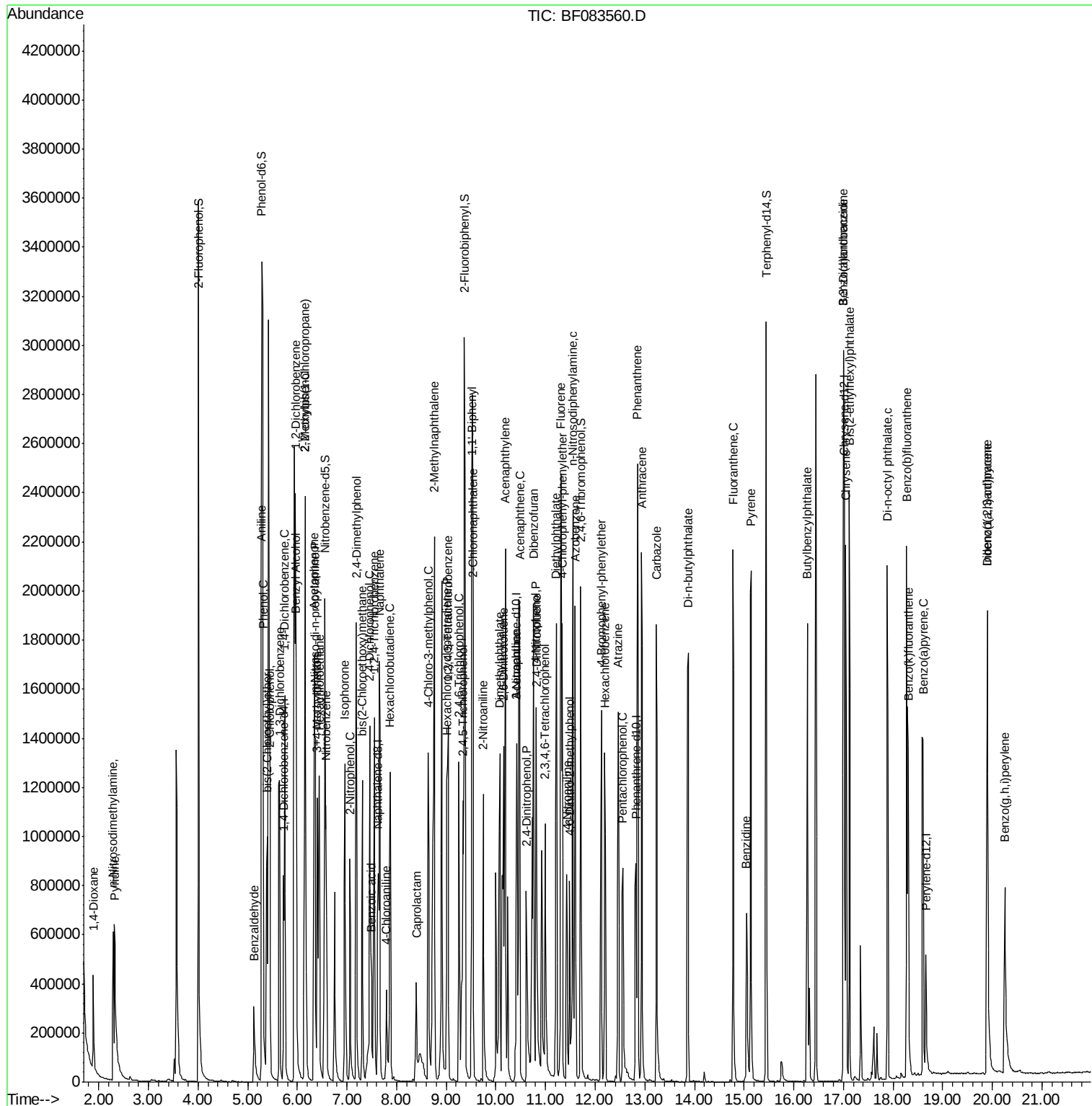
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\  
Data File : BF083560.D  
Acq On    : 7 Dec 2015 17:00  
Operator  : UM/IZ  
Sample    : PB87075BS  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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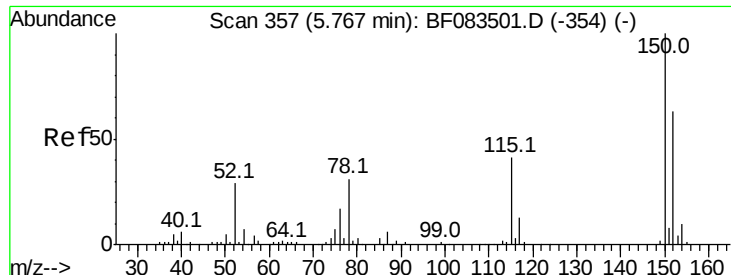
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

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#1

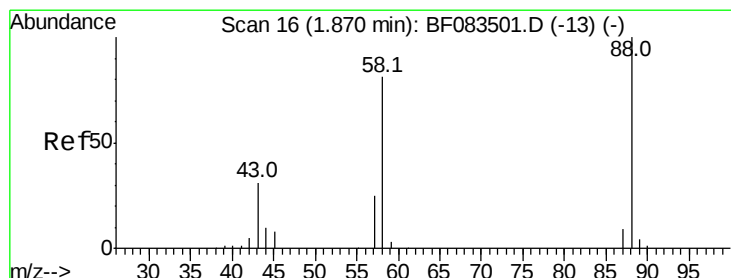
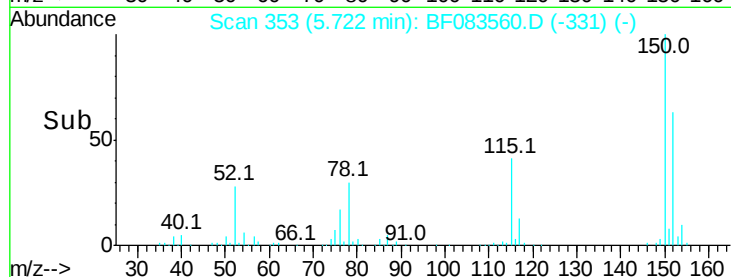
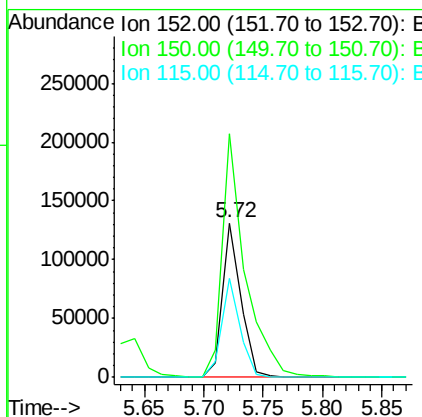
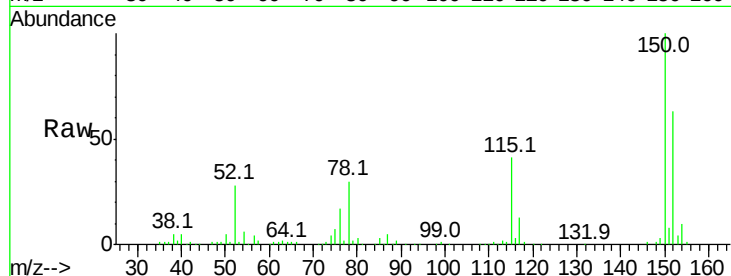
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.5	189.7
115	64.5	52.3	78.5

Manual Integrations
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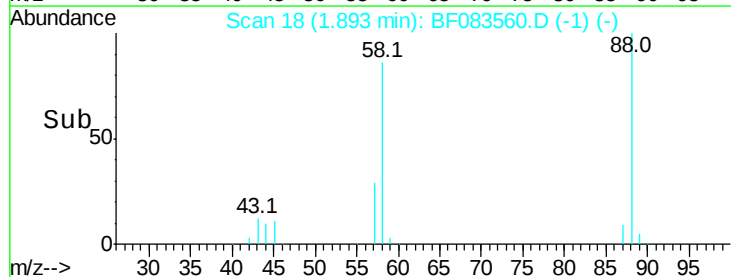
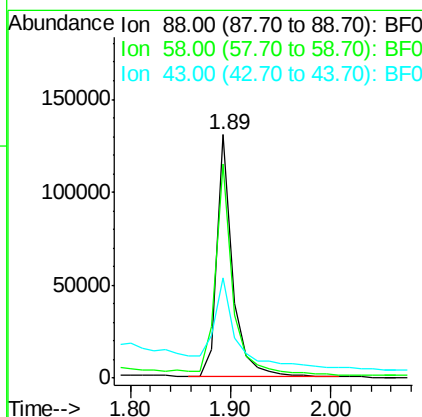
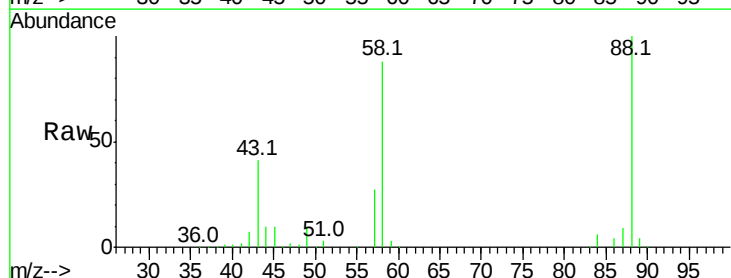
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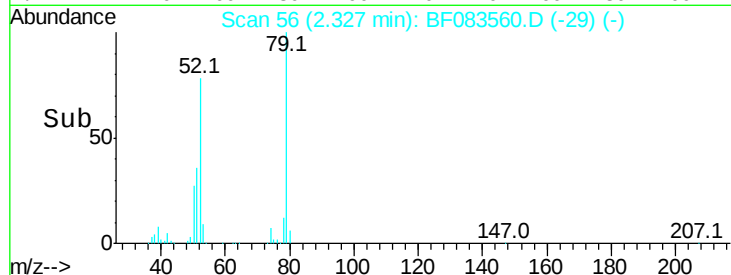
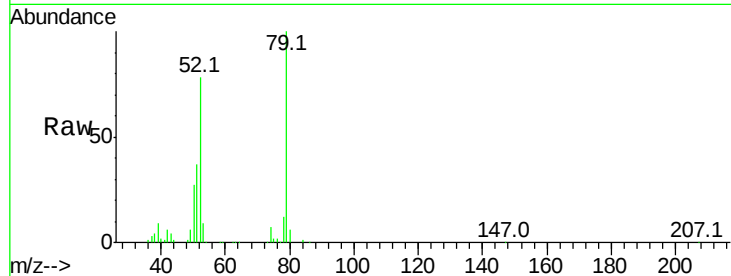
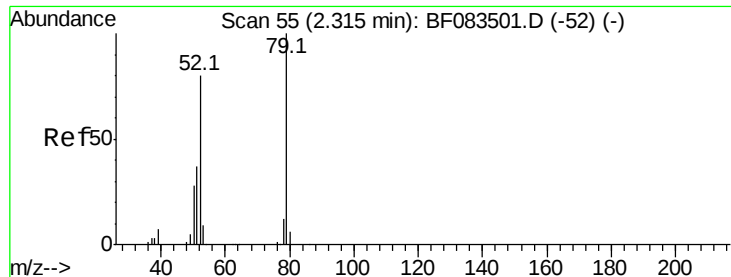


#2

1,4-Dioxane
Concen: 29.60 ng
RT: 1.89 min Scan# 18
Delta R.T. 0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	68.0	102.0
43	65.2	27.9	41.9#





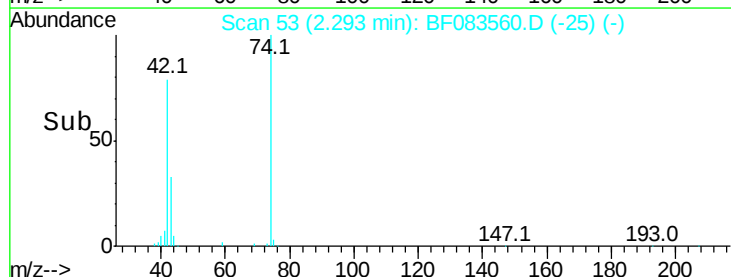
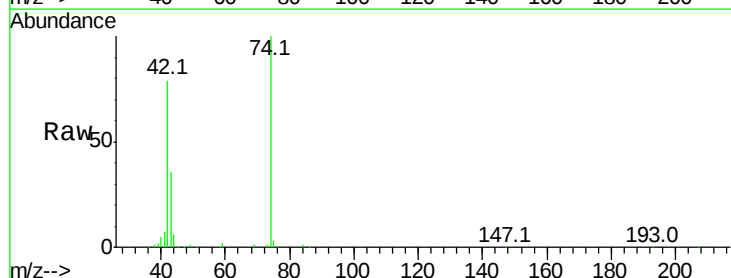
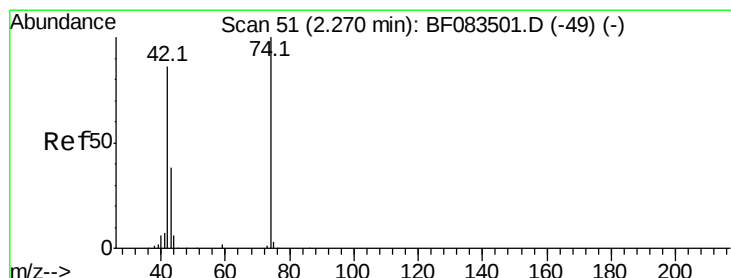
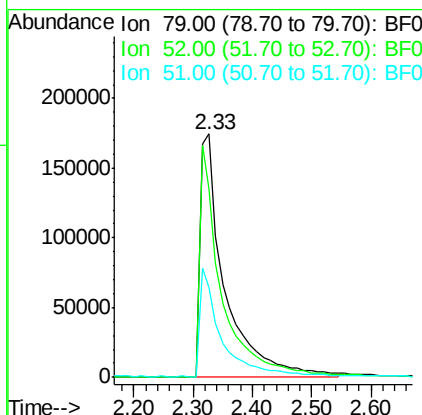
#3
Pvridine
Concen: 44.37 ng
RT: 2.33 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tot Ion	Ratio	Resp	Lower	Upper
79	100	514665		
52	77.7	63.7	95.5	
51	36.9	30.6	45.8	

Instrument :
BNA_F
ClientSampleId :
PB87075BS

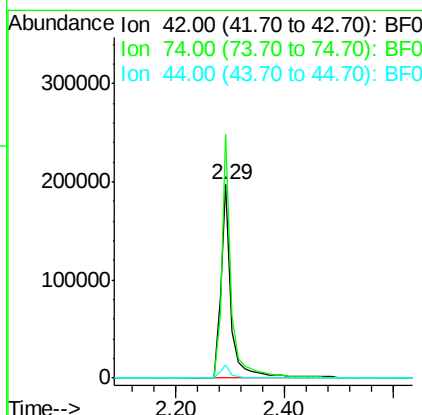
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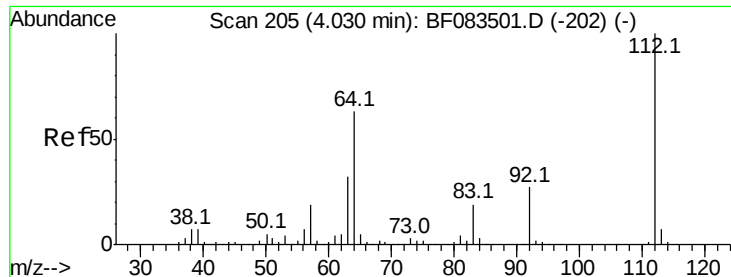
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#4
n-Nitrosodimethylamine
Concen: 46.44 ng
RT: 2.29 min Scan# 53
Delta R.T. 0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	271309		
74	125.8	92.9	139.3	
44	7.1	5.7	8.5	





#5

2-Fluorophenol

Concen: 128.16 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tot Ion:112 Resp: 1187584

Ion Ratio Lower Upper

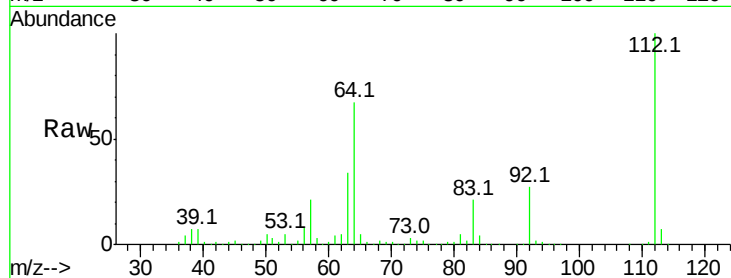
112 100

64 67.1 50.5 75.7

63 33.9 25.8 38.6

Manual Integrations
APPROVED

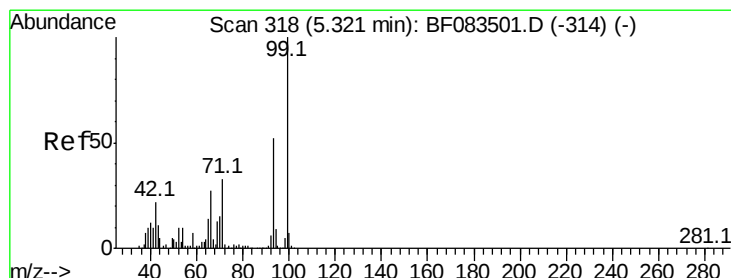
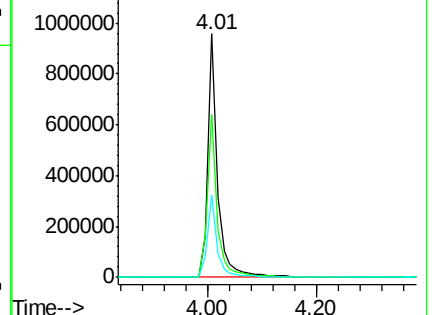
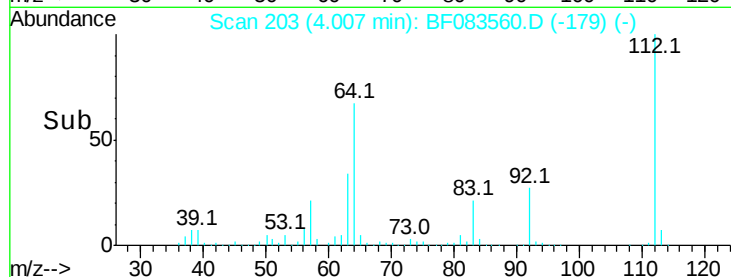
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.55 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

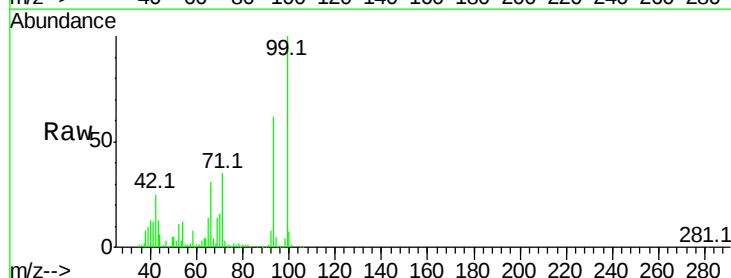
Tgt Ion: 93 Resp: 474390

Ion Ratio Lower Upper

93 100

66 49.6 41.3 61.9

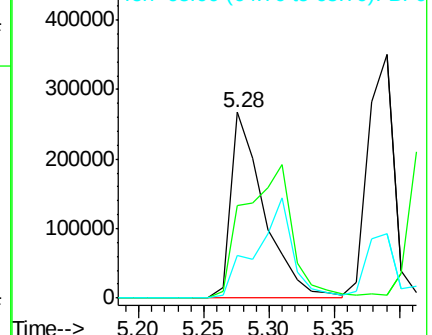
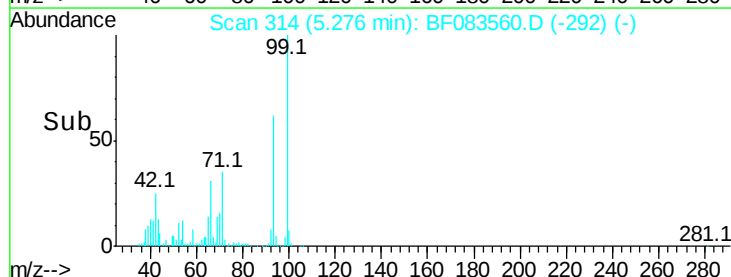
65 22.8 20.8 31.2

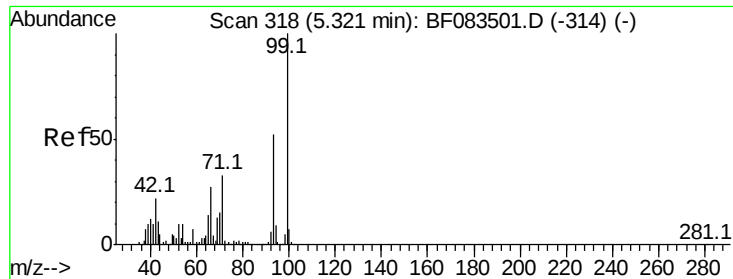


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.60 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tot Ion: 99 Resp: 1616301

Ion Ratio Lower Upper

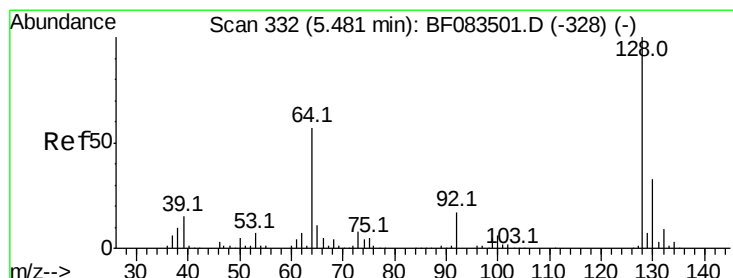
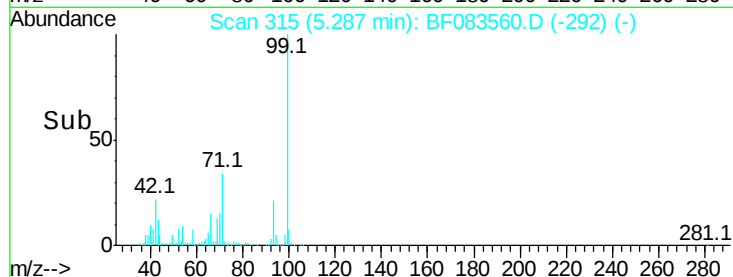
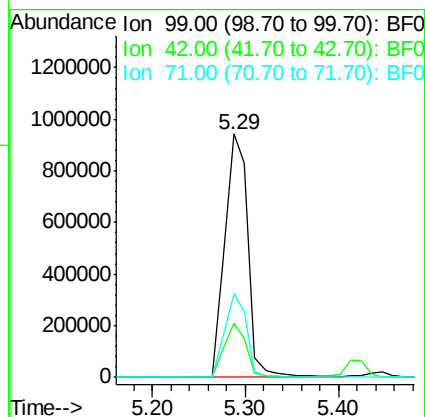
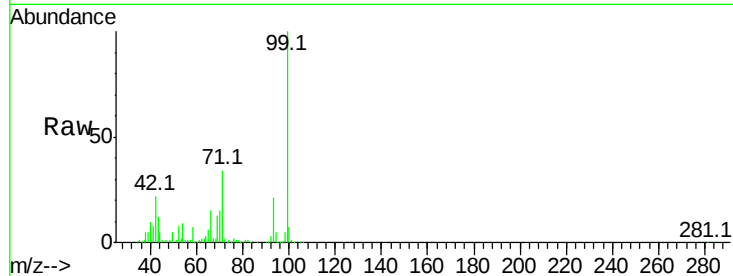
99 100

42 22.1 17.3 25.9

71 34.5 26.6 40.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.62 ng

RT: 5.45 min Scan# 329

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

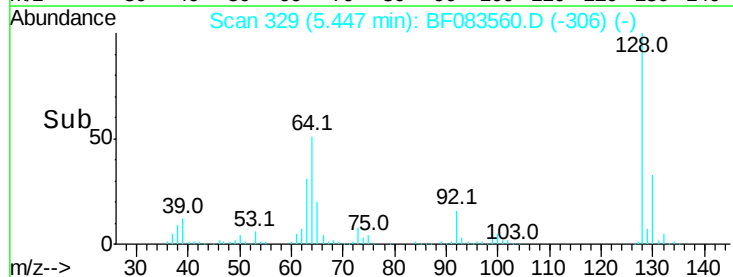
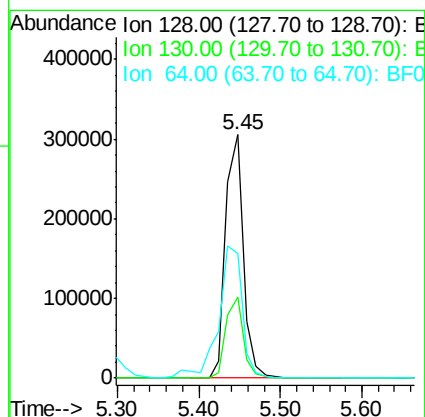
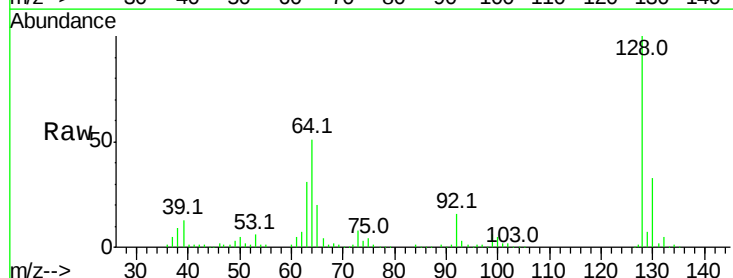
Tgt Ion: 128 Resp: 459871

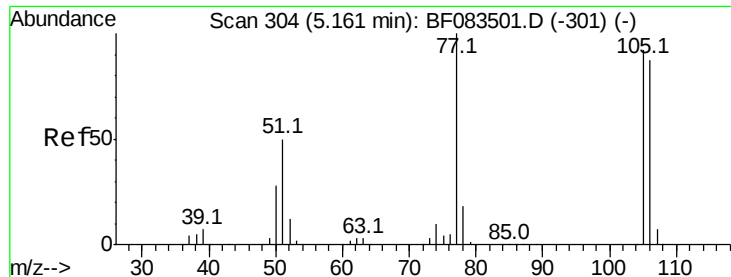
Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

64 50.9 38.6 78.6





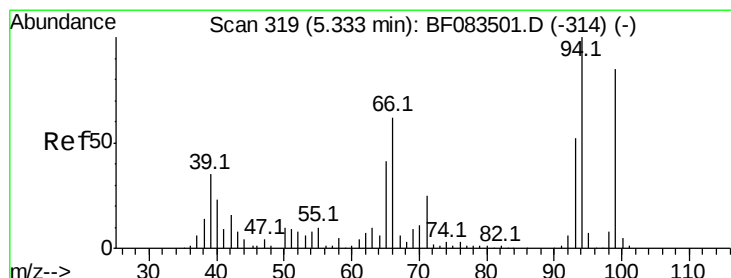
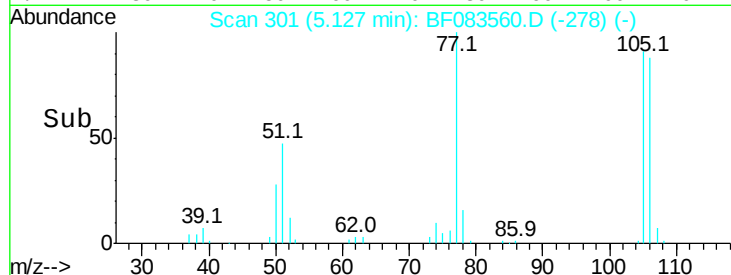
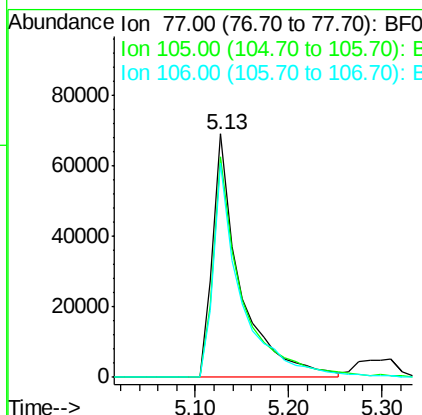
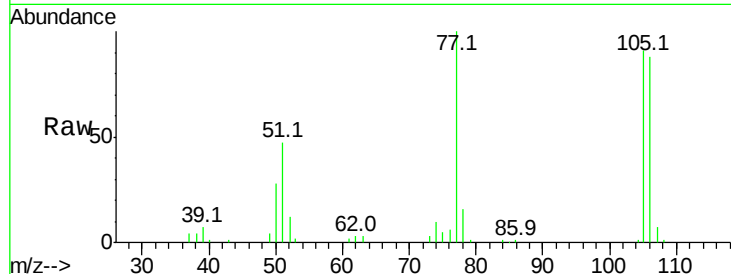
#9
Benzaldehyde
Concen: 19.53 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	90.6	71.8	111.8
106	88.2	66.8	106.8

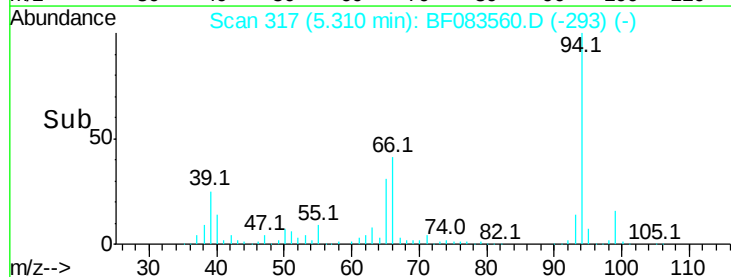
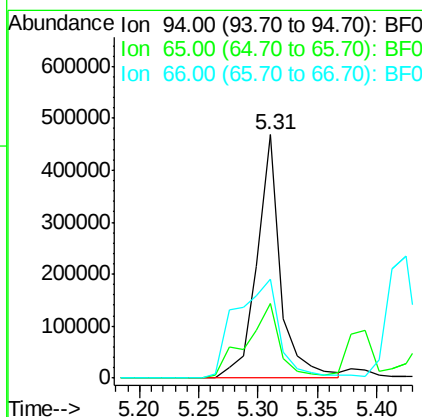
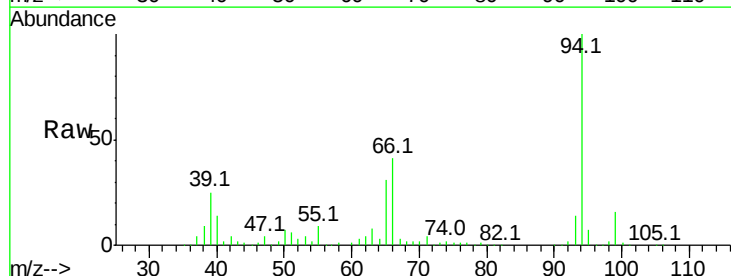
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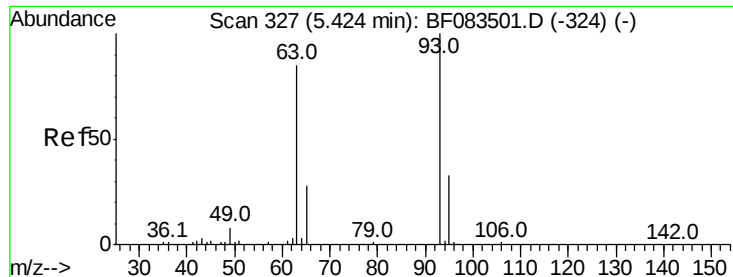
Mmdadoda
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#10
Phenol
Concen: 43.55 ng
RT: 5.31 min Scan# 317
Delta R.T. -0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	20.9	60.9
66	40.9	41.6	81.6#





#11

bis(2-Chloroethyl)ether

Concen: 42.42 ng

RT: 5.39 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

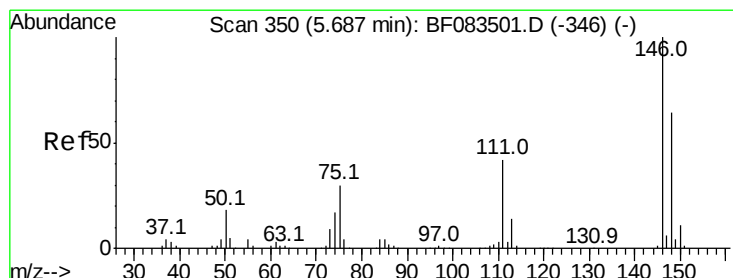
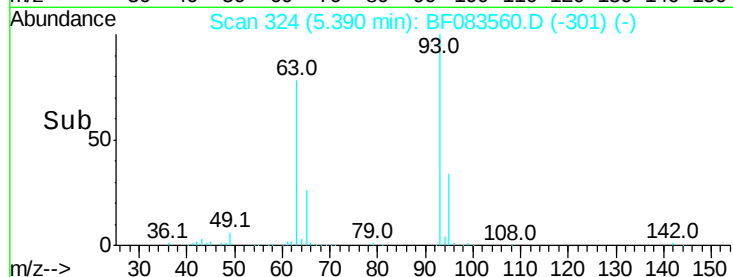
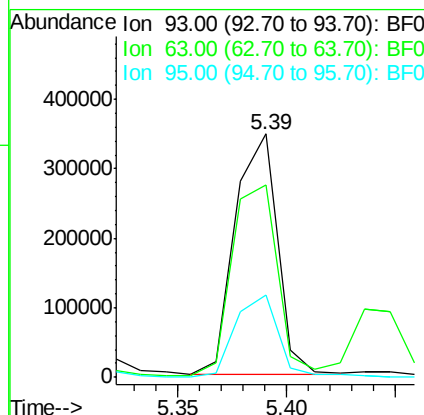
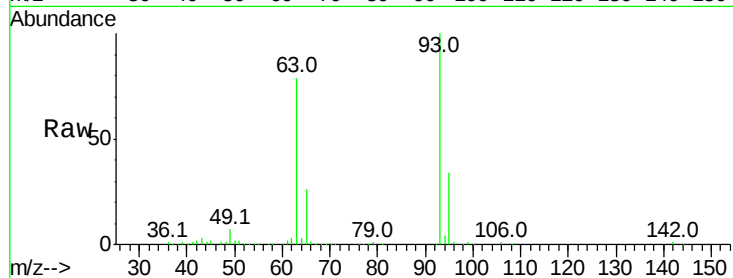
ClientSampleId :

PB87075BS

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12/8/2015 6:15:39 PM

Tot Ion:	93	Resp:	469351
Ion	Ratio	Lower	Upper
93	100		
63	79.0	64.7	104.7
95	33.6	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 42.79 ng

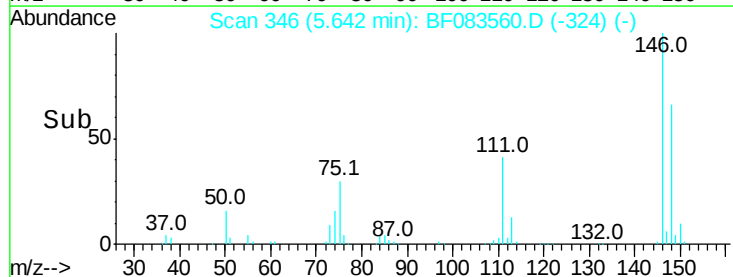
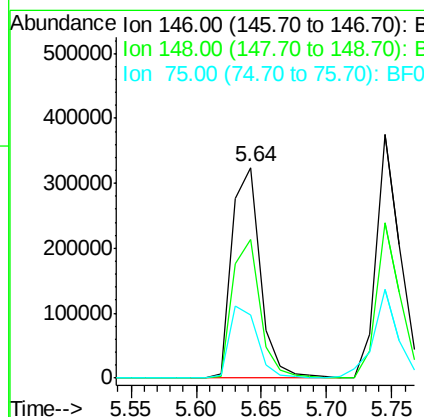
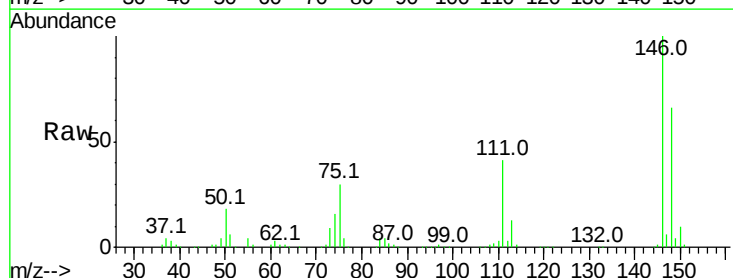
RT: 5.64 min Scan# 346

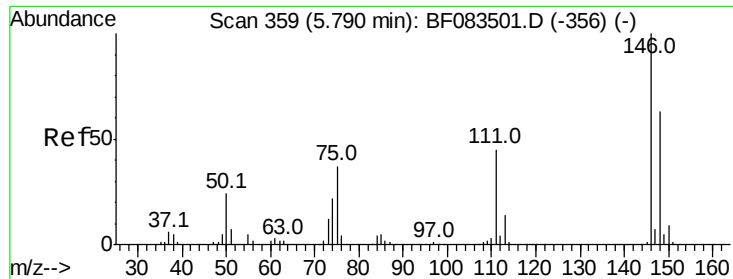
Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:	146	Resp:	489028
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.3	76.9
75	29.7	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 42.92 ng

RT: 5.74 min Scan# 355

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

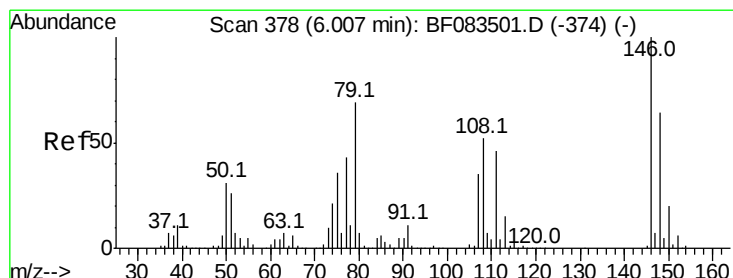
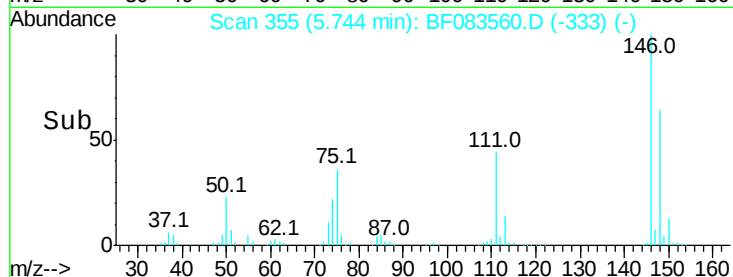
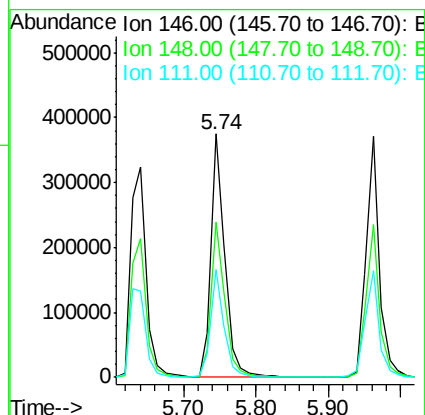
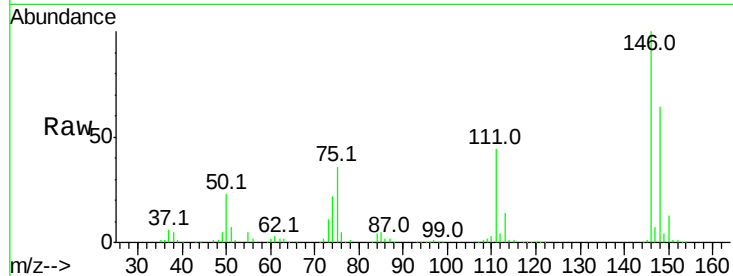
ClientSampleId :

PB87075BS

Tot Ion:	146	Resp:	500987
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	44.3	36.1	54.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.00 ng

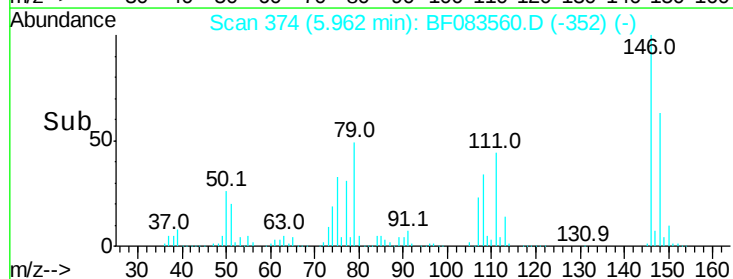
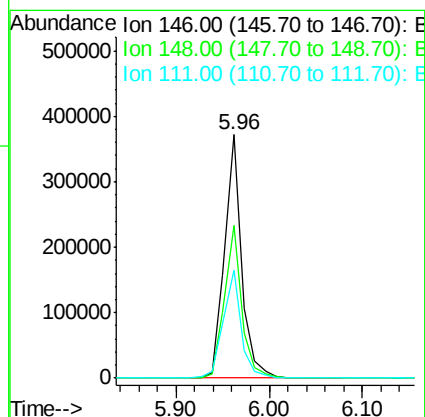
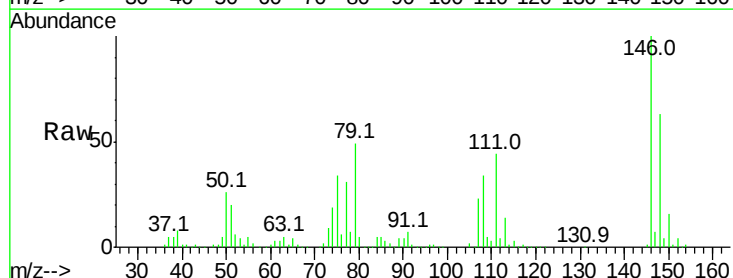
RT: 5.96 min Scan# 374

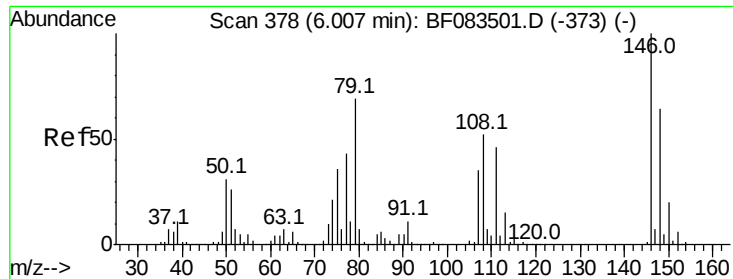
Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:	146	Resp:	472205
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.4	77.0
111	44.3	36.7	55.1





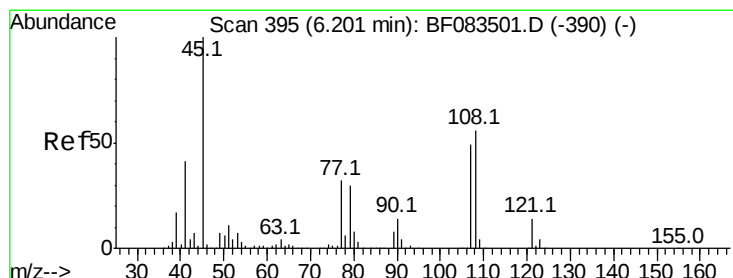
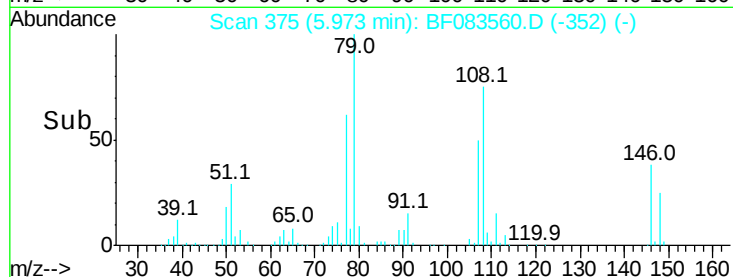
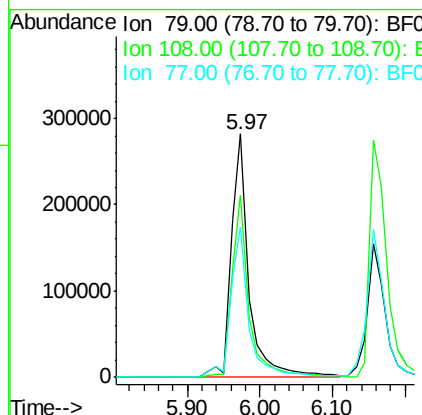
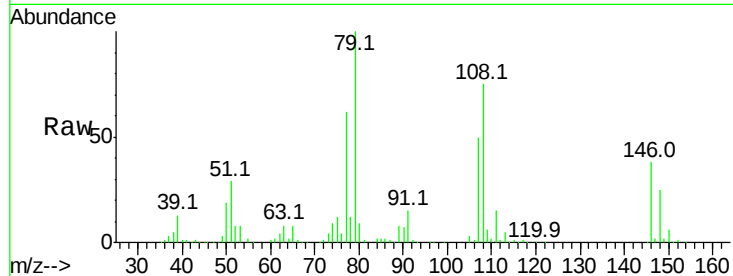
#15
Benzyl Alcohol
Concen: 53.77 ng
RT: 5.97 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion:	79	Resp:	476258
Ion Ratio	Lower	Upper	
79	100		
108	74.8	59.6	89.4
77	61.9	49.8	74.6

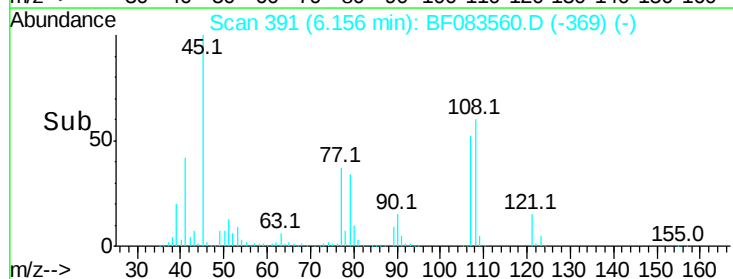
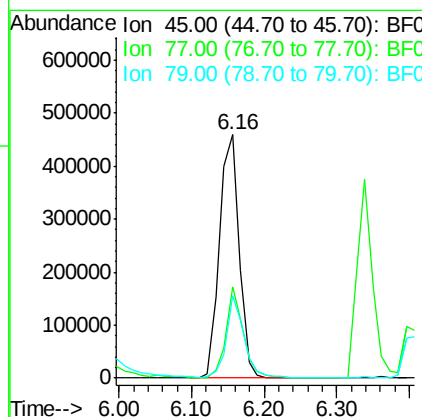
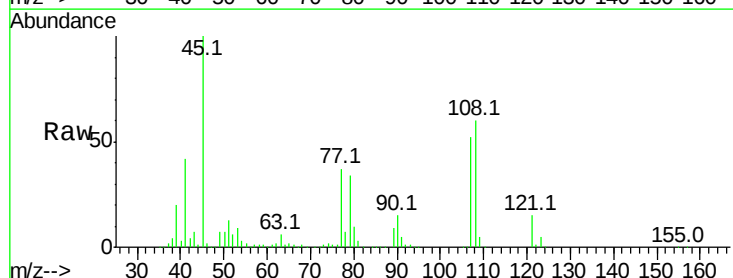
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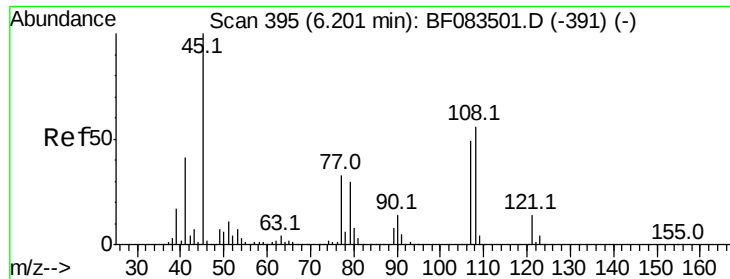
Mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.36 ng
RT: 6.16 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:	45	Resp:	869009
Ion Ratio	Lower	Upper	
45	100		
77	37.4	12.8	52.8
79	33.8	10.7	50.7





#17

2-Methylphenol

Concen: 45.86 ng

RT: 6.16 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

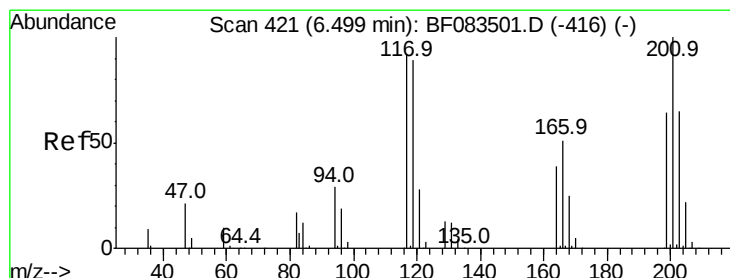
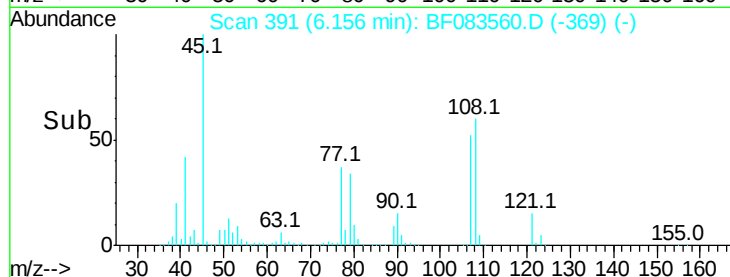
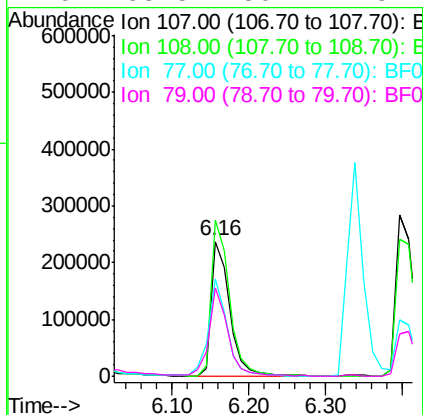
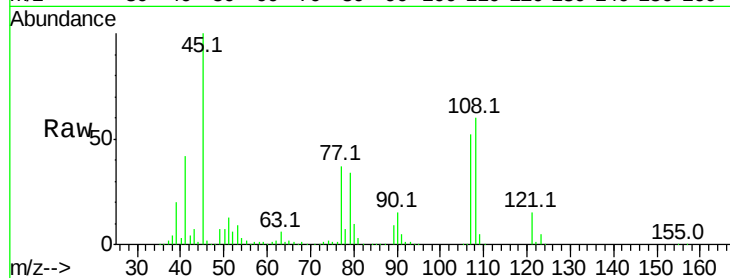
ClientSampleID :

PB87075BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	390069		
108	115.9	91.6	137.4	
77	72.4	53.7	80.5	
79	65.5	50.2	75.4	

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#18

Hexachloroethane

Concen: 43.72 ng

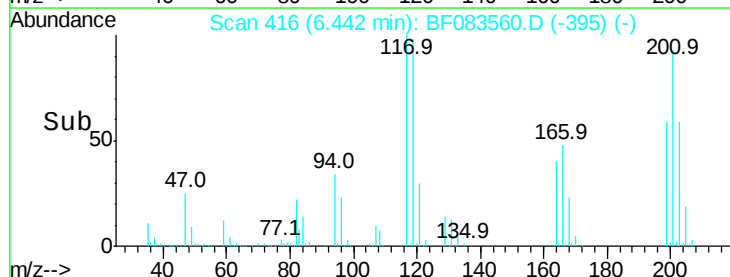
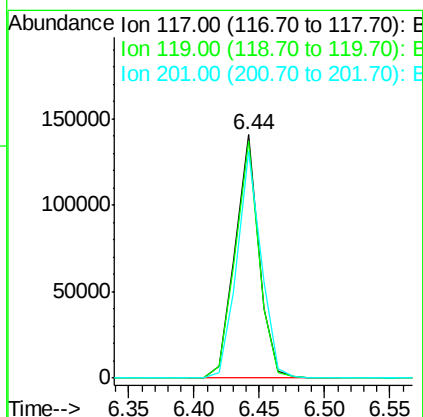
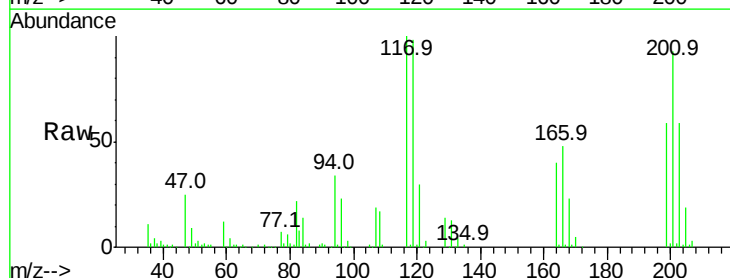
RT: 6.44 min Scan# 416

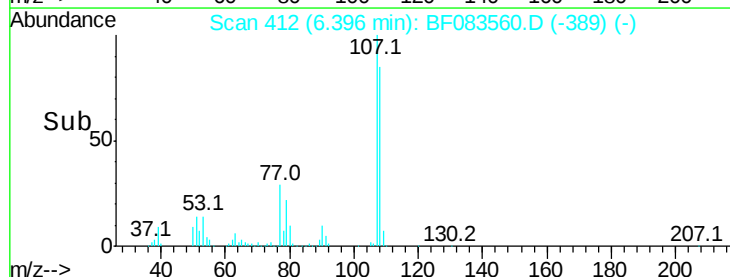
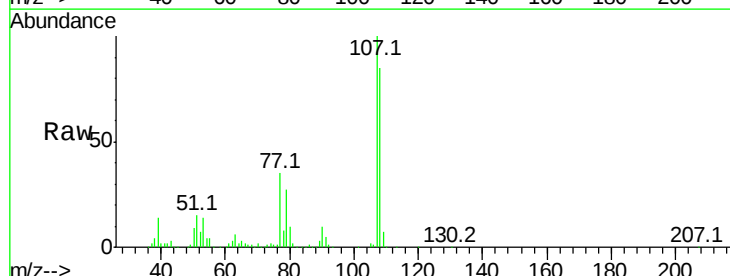
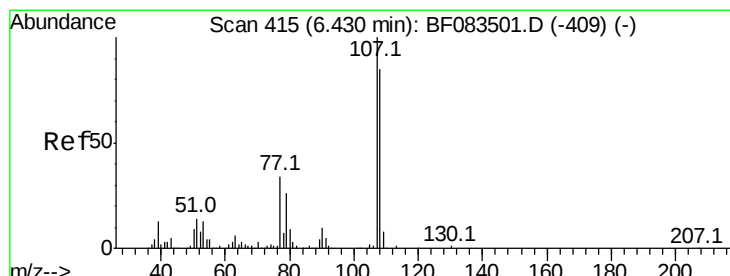
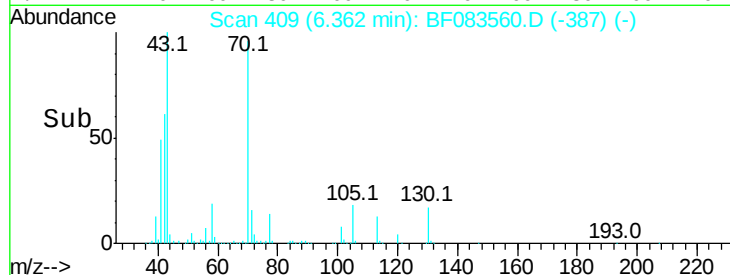
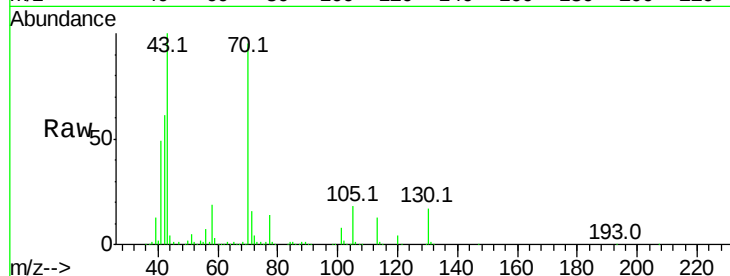
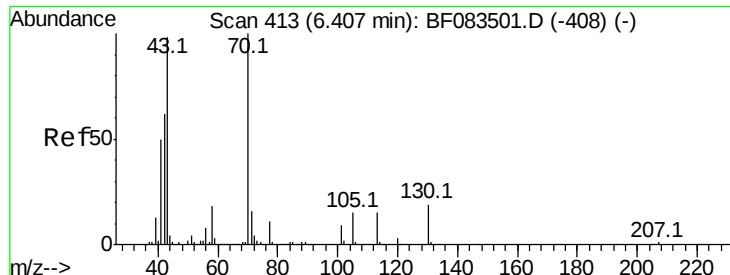
Delta R.T. -0.06 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178100		
119	97.7	77.2	115.8	
201	93.2	86.8	130.2	





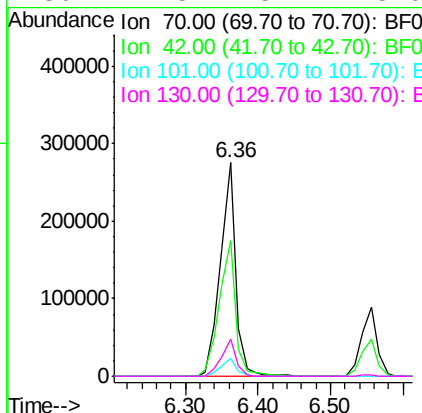
#19
n-Nitroso-di-n-propylamine
Concen: 47.70 ng
RT: 6.36 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		406289		
42	63.6	49.2	73.8		
101	8.6	7.1	10.7		
130	17.5	15.4	23.0		

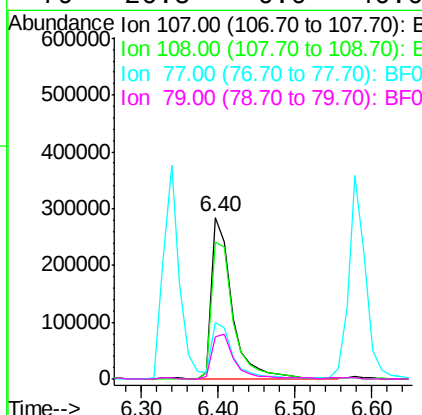
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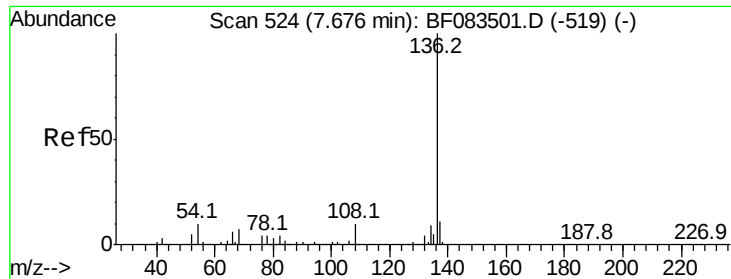
Mmdadoda
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#20
3+4-Methylphenols
Concen: 47.48 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		524542		
108	84.9	65.2	105.2		
77	34.7	15.2	55.2		
79	26.5	6.0	46.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083560.D

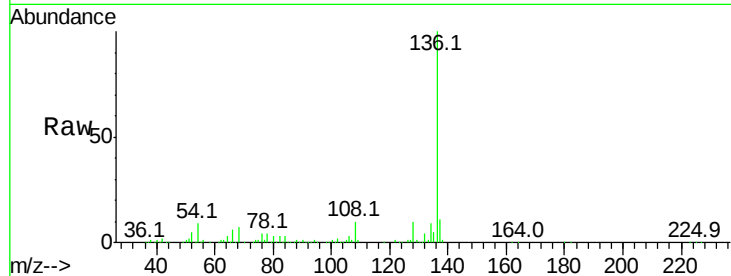
Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

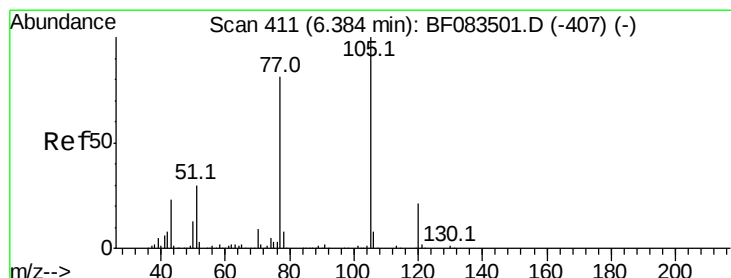
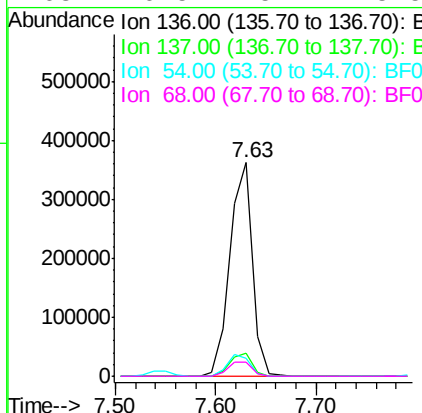
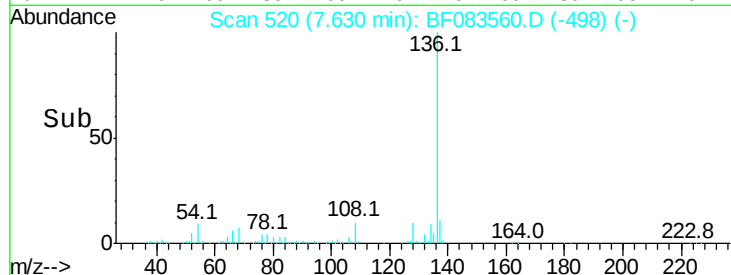
PB87075BS



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.7	13.1	
54	8.5	7.8	11.6	
68	6.5	5.7	8.5	

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#22

Acetophenone

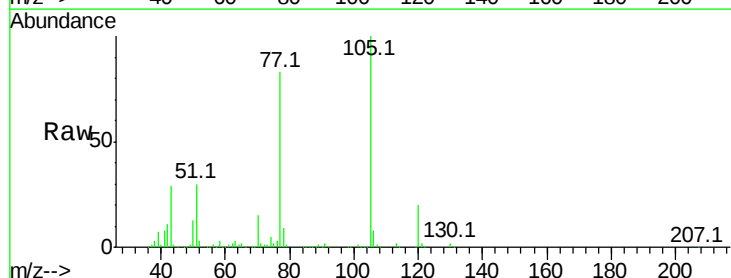
Concen: 42.12 ng

RT: 6.34 min Scan# 407

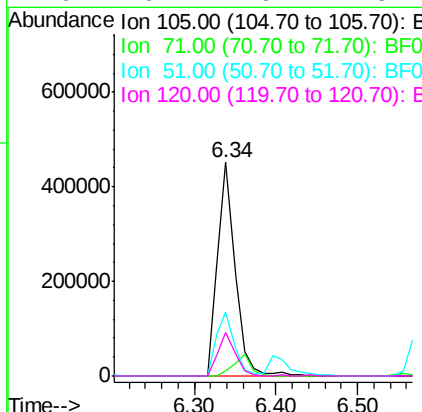
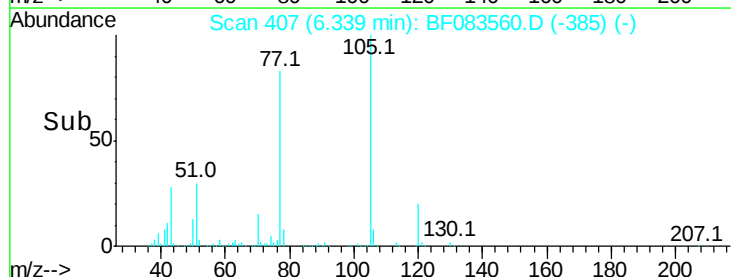
Delta R.T. -0.05 min

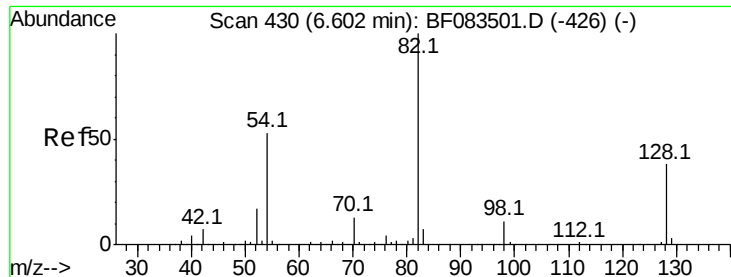
Lab File: BF083560.D

Acq: 7 Dec 2015 17:00



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.4	1.3	1.9#	
51	30.2	23.8	35.8	
120	20.1	16.7	25.1	





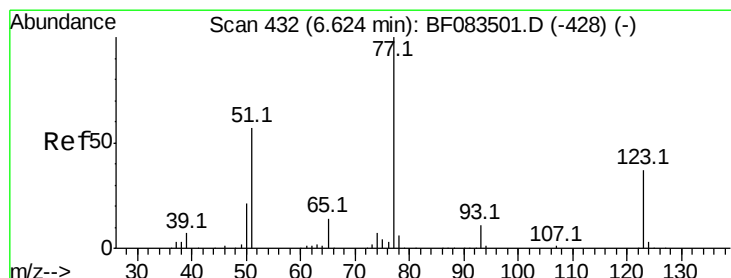
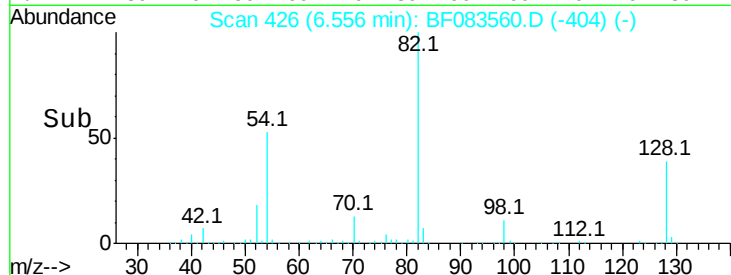
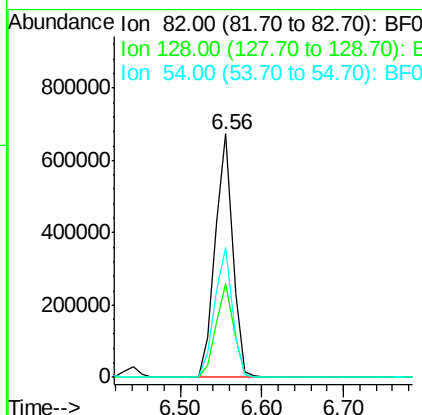
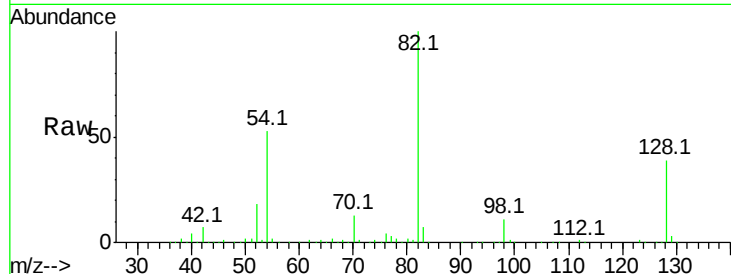
#23
 Nitrobenzene-d5
 Concen: 84.33 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion: 82 Resp: 1013171
 Ion Ratio Lower Upper
 82 100
 128 38.6 30.7 46.1
 54 53.3 42.5 63.7

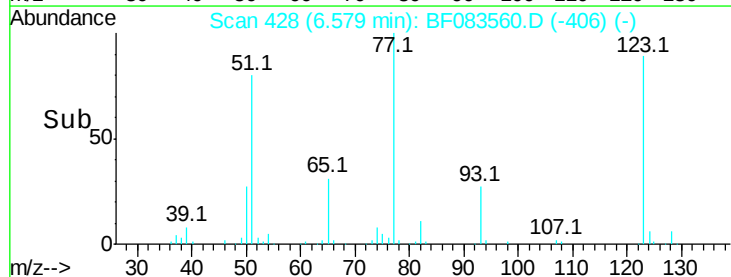
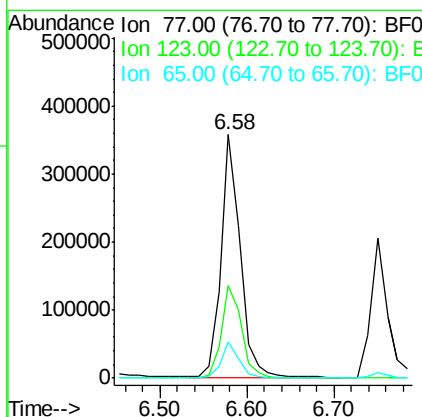
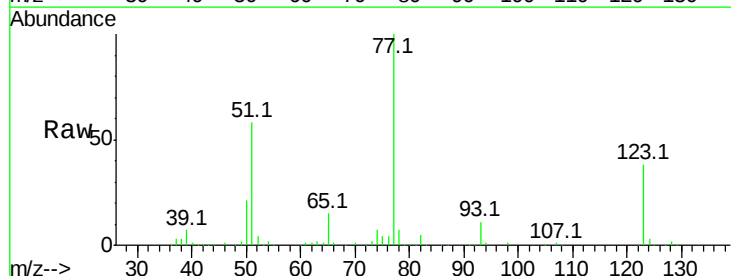
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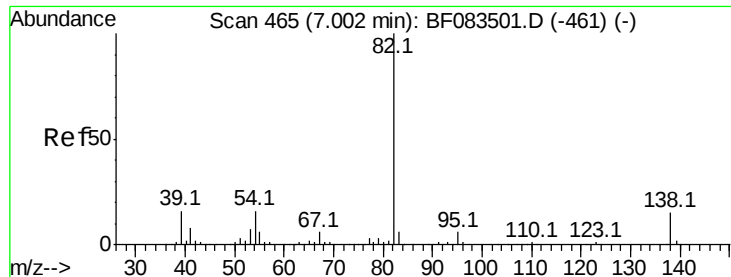
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#24
 Nitrobenzene
 Concen: 41.52 ng
 RT: 6.58 min Scan# 428
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion: 77 Resp: 549375
 Ion Ratio Lower Upper
 77 100
 123 37.8 29.8 44.6
 65 14.8 11.1 16.7





#25

Isophorone

Concen: 44.23 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tot Ion: 82 Resp: 1020544

Ion Ratio Lower Upper

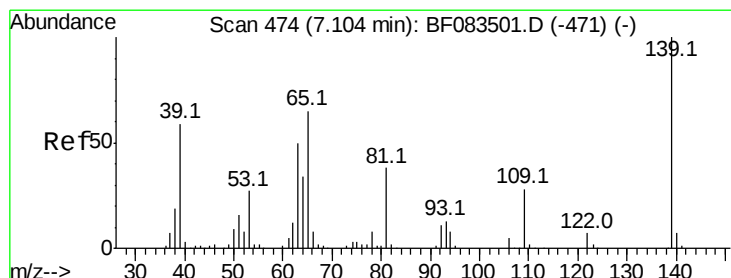
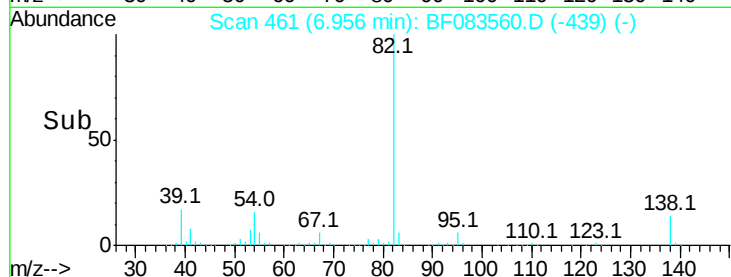
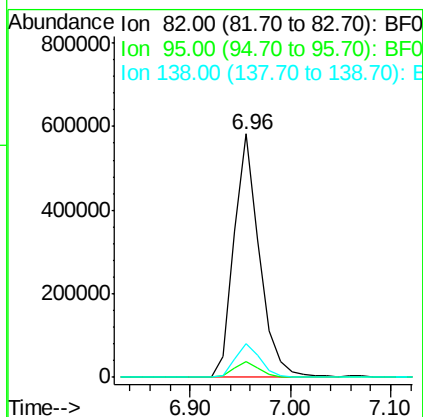
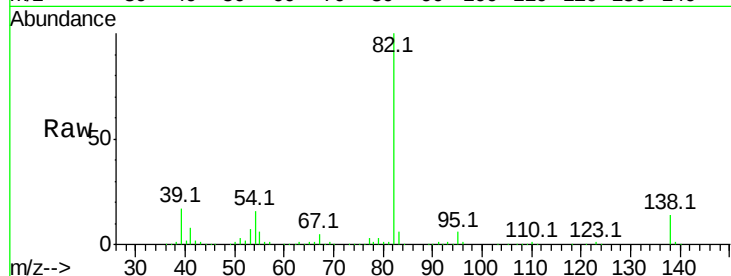
82 100

95 6.3 5.0 7.4

138 14.0 12.1 18.1

Manual Integrations
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Mmdadoda
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#26

2-Nitrophenol

Concen: 45.96 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

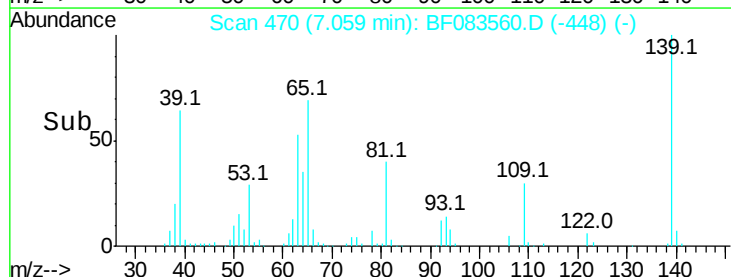
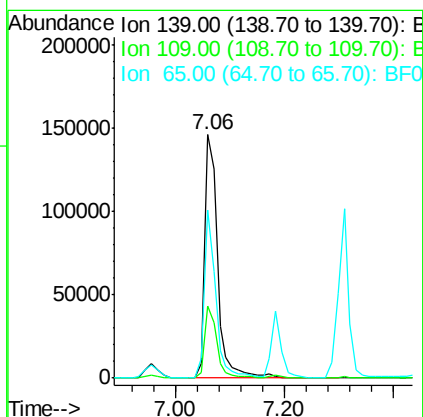
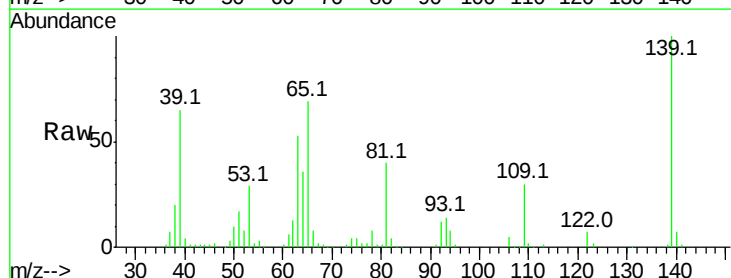
Tgt Ion: 139 Resp: 239993

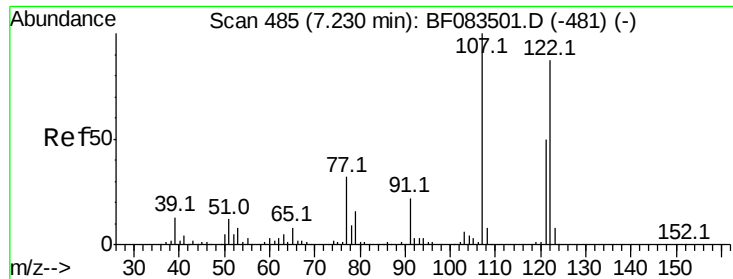
Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 68.9 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 45.47 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

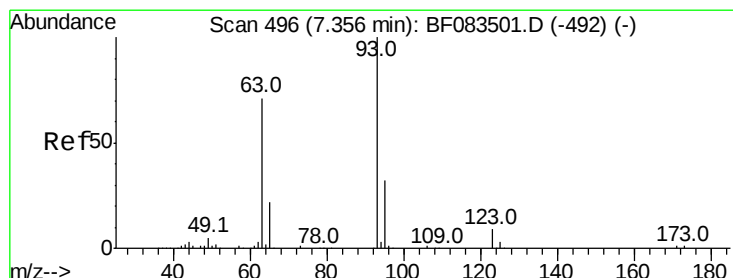
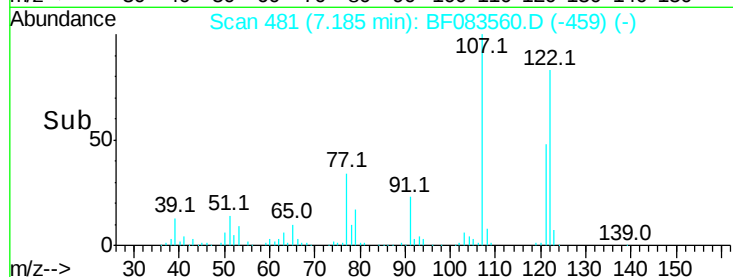
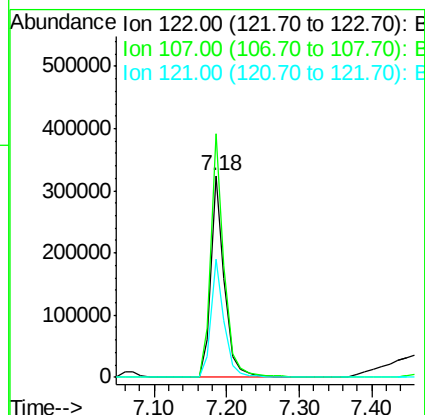
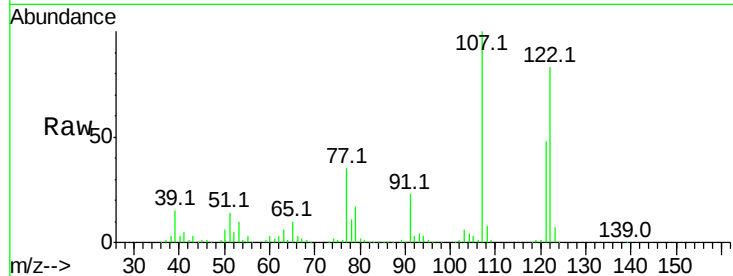
ClientSampleId :

PB87075BS

Tot Ion:	122	Resp:	419467
Ion Ratio	Lower	Upper	
122	100		
107	120.7	92.4	138.6
121	58.4	45.8	68.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.76 ng

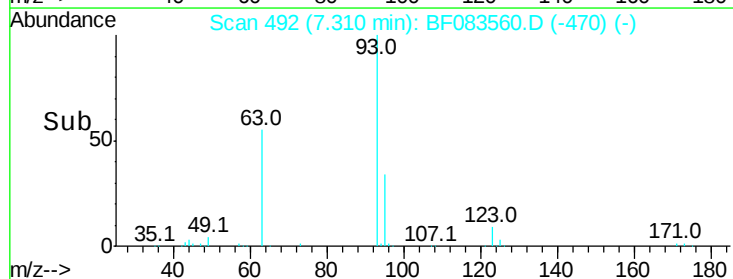
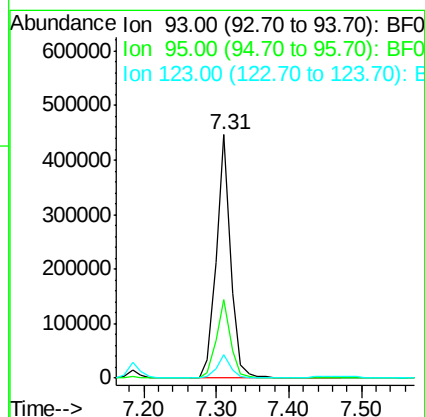
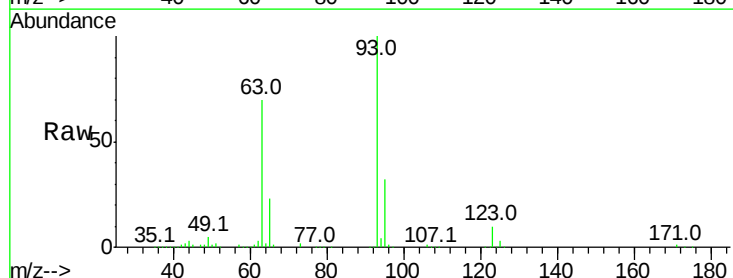
RT: 7.31 min Scan# 492

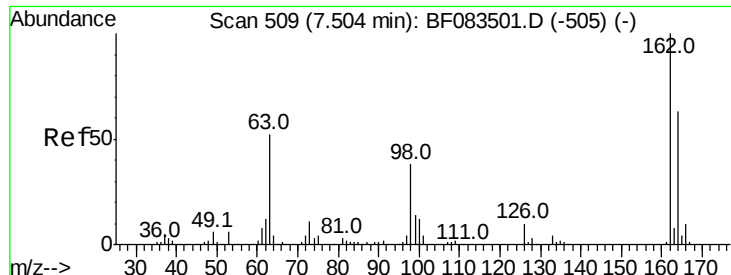
Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:	93	Resp:	614189
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.6	38.4
123	9.6	7.3	10.9





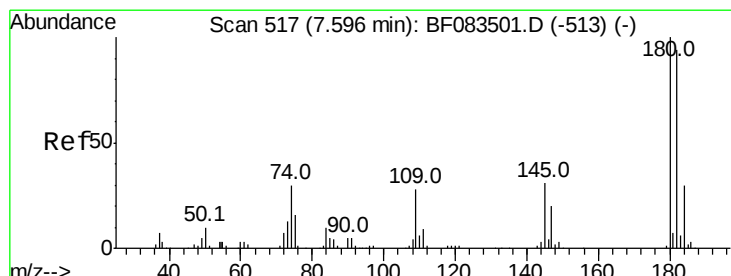
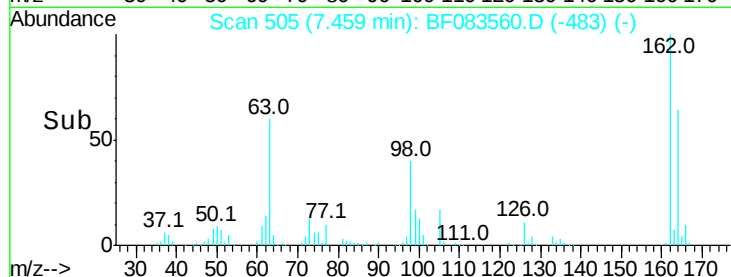
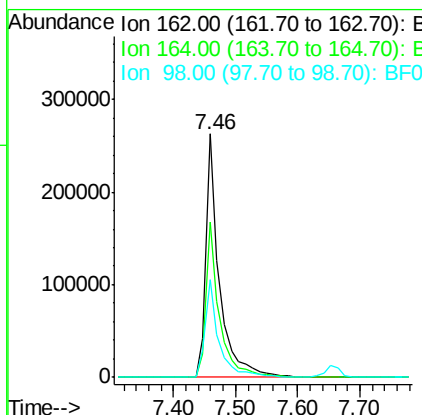
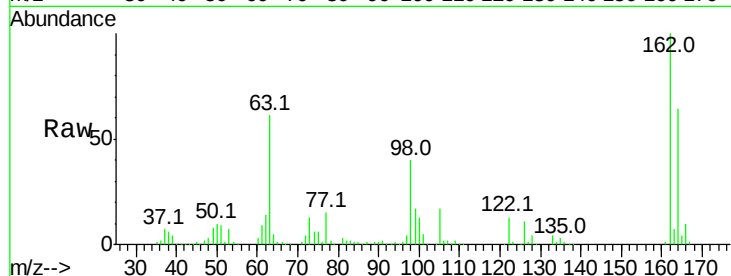
#29
 2,4-Dichlorophenol
 Concen: 47.47 ng
 RT: 7.46 min Scan# 505
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion:	162	Resp:	395442
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.4	83.4
98	40.1	17.5	57.5

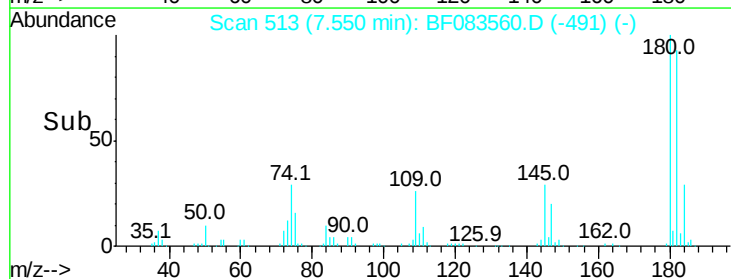
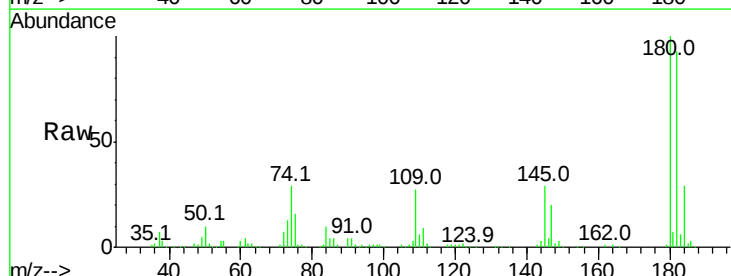
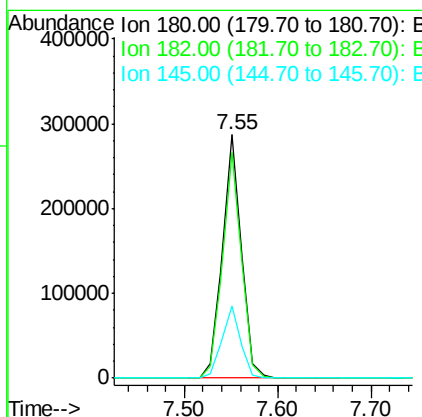
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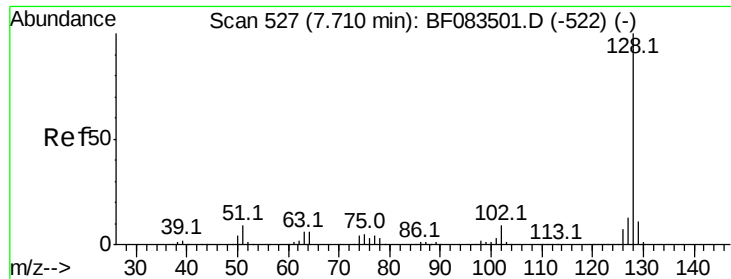
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.98 ng
 RT: 7.55 min Scan# 513
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:	180	Resp:	405047
Ion Ratio	Lower	Upper	
180	100		
182	92.6	74.9	112.3
145	29.4	24.7	37.1





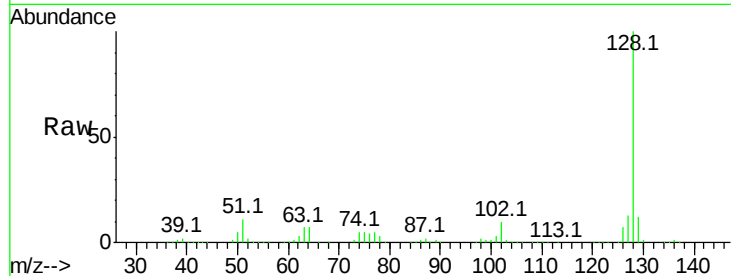
#31
Naphthalene
Concen: 43.91 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.2	10.6	16.0

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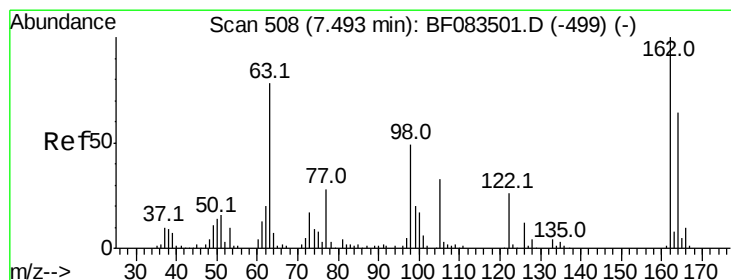
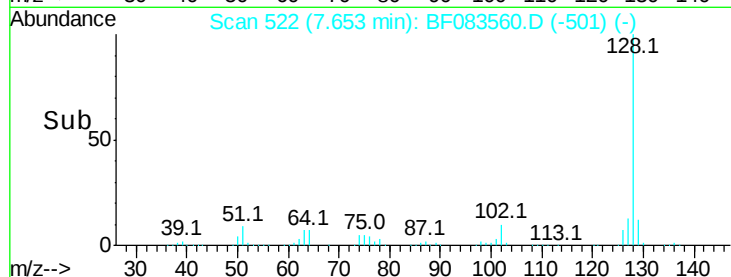
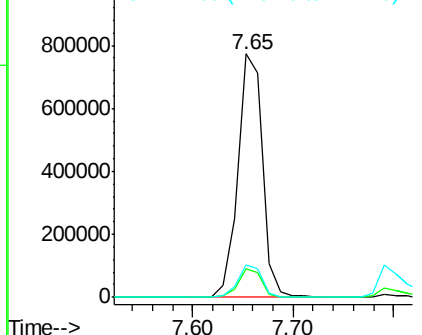


Abundance

Ion 128.00 (127.70 to 128.70): E

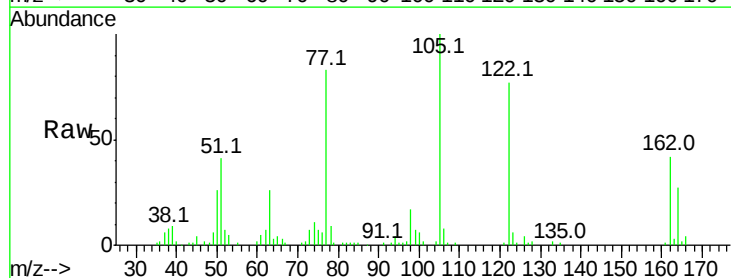
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.13 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	105.6	145.6
77	108.4	86.8	126.8

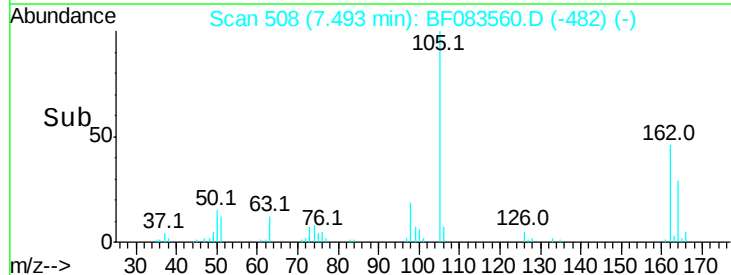
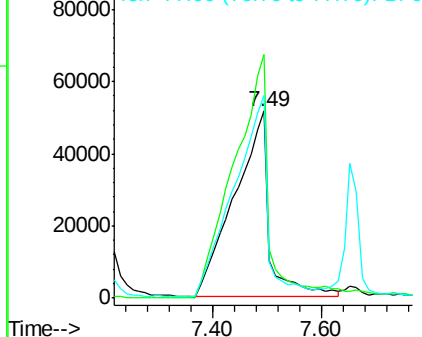


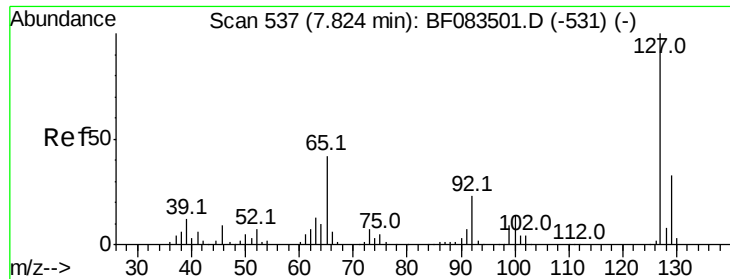
Abundance

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





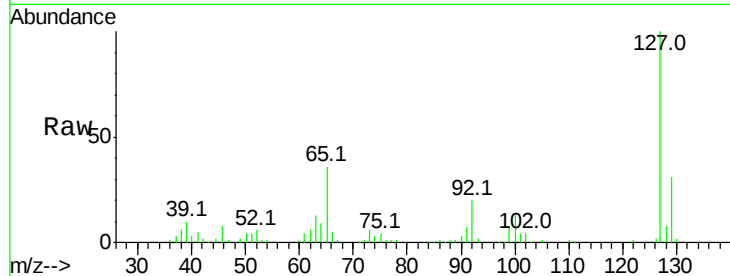
#33
4-Chloroaniline
Concen: 19.39 ng
RT: 7.79 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

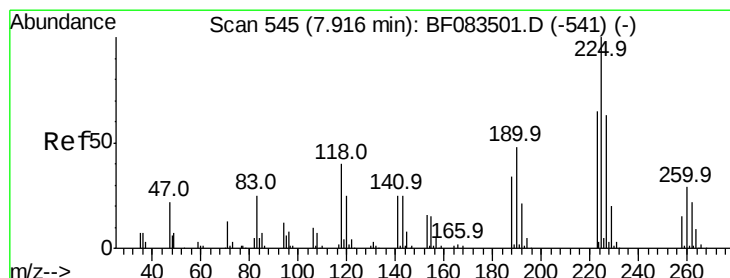
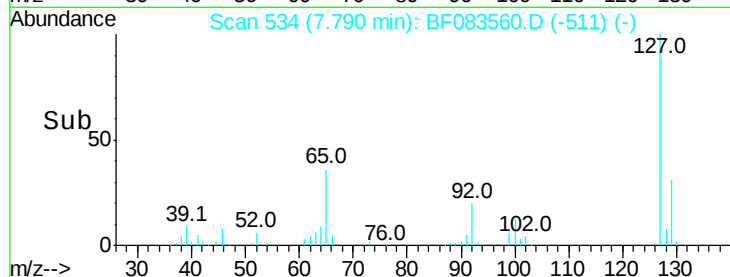
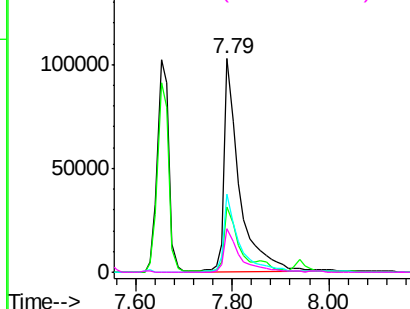
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	26.1	39.1	
65	36.3	33.5	50.3	
92	20.2	18.6	28.0	

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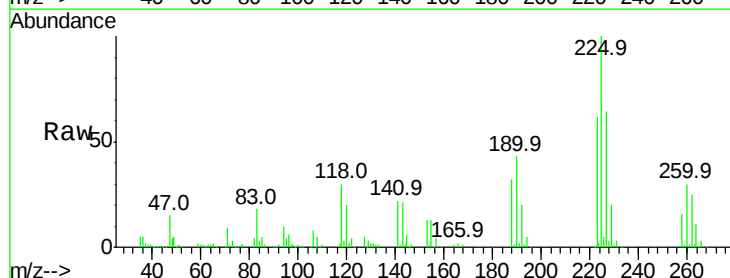


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

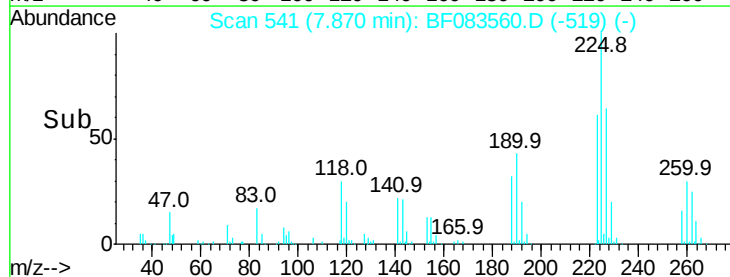
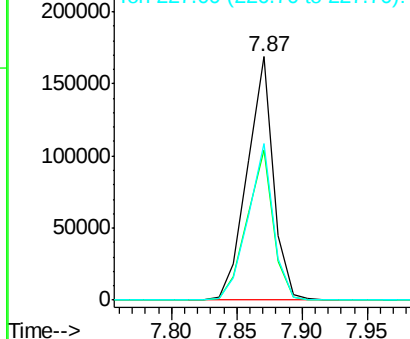


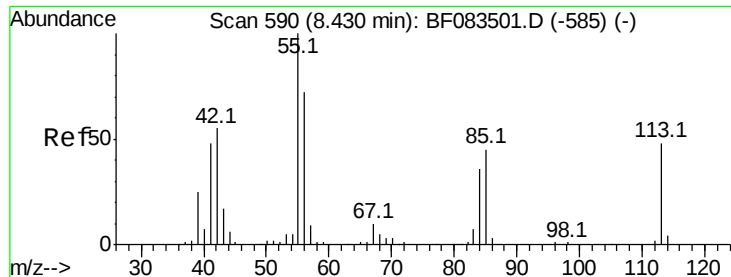
#34
Hexachlorobutadiene
Concen: 43.11 ng
RT: 7.87 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	52.3	78.5	
227	64.3	50.4	75.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.40 ng/mL

RT: 8.40 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

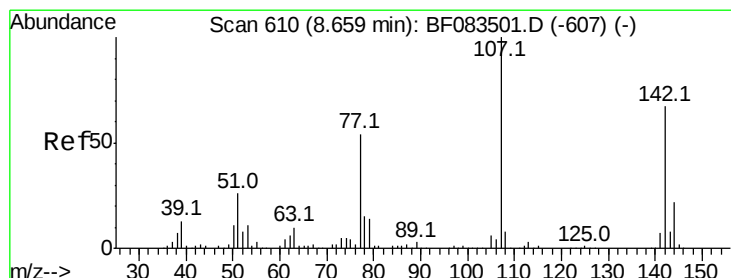
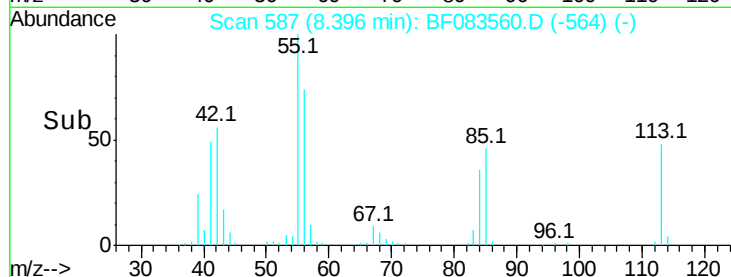
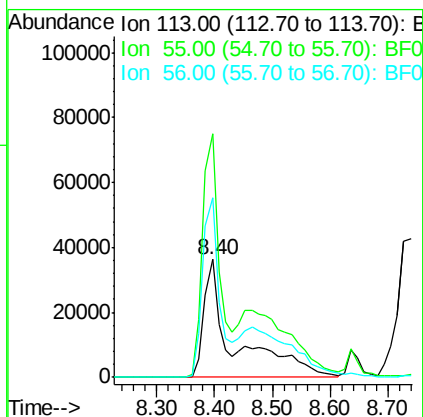
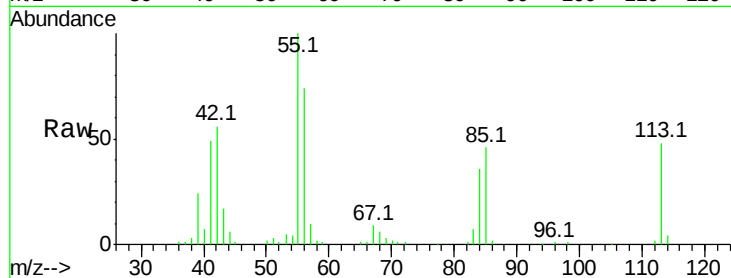
ClientSampleId :

PB87075BS

Tot Ion:	113	Resp:	128255
Ion Ratio	Lower	Upper	
113	100		
55	206.6	189.7	229.7
56	152.4	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 46.33 ng/mL

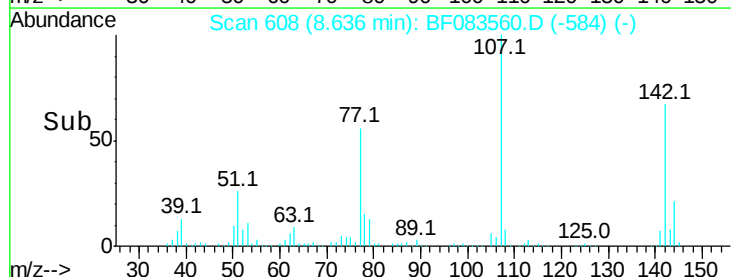
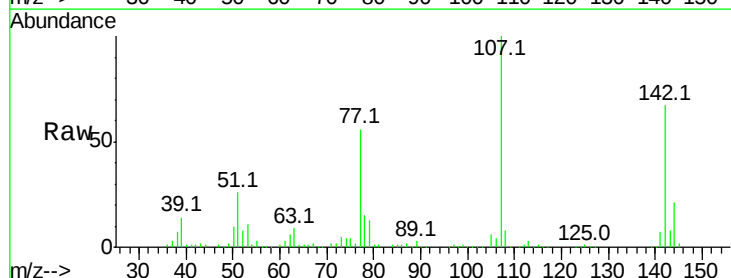
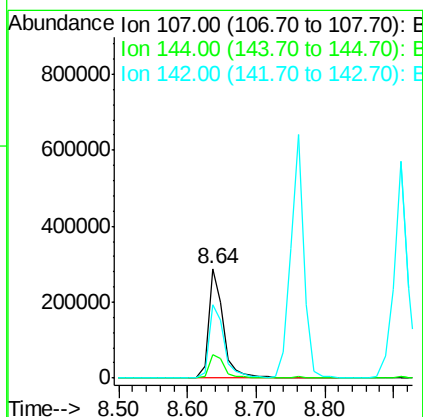
RT: 8.64 min Scan# 608

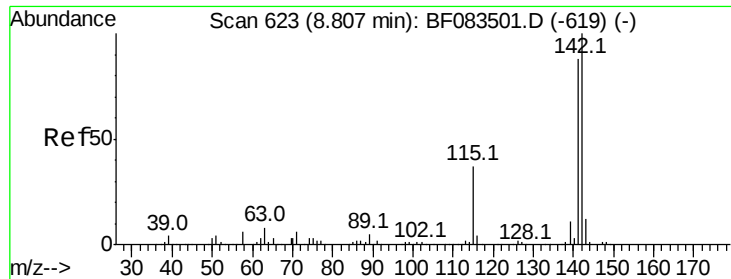
Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:	107	Resp:	434370
Ion Ratio	Lower	Upper	
107	100		
144	21.4	17.5	26.3
142	67.5	53.6	80.4





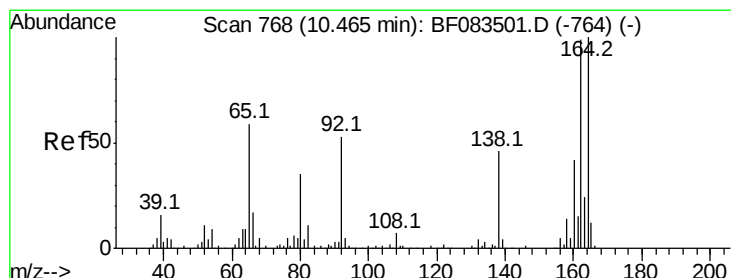
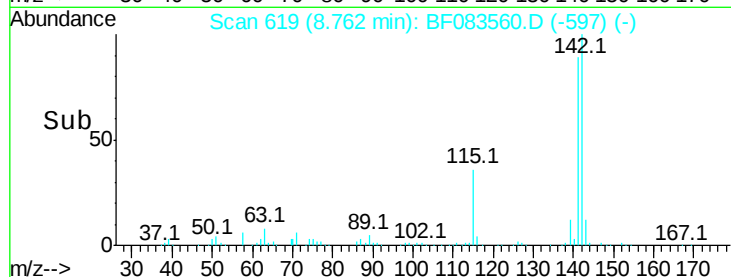
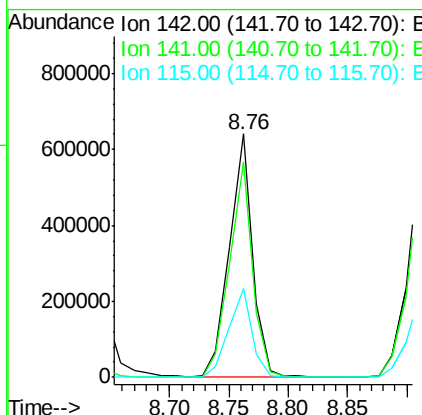
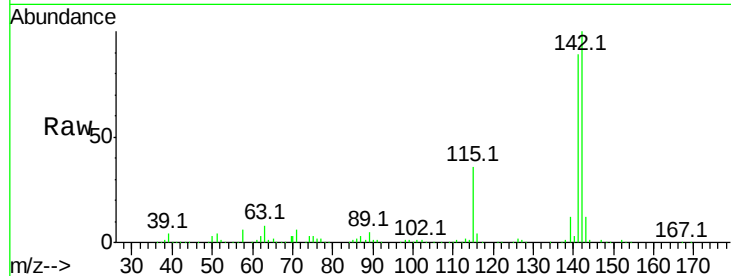
#37
2-Methylnaphthalene
Concen: 47.35 ng
RT: 8.76 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	36.5	29.2	43.8

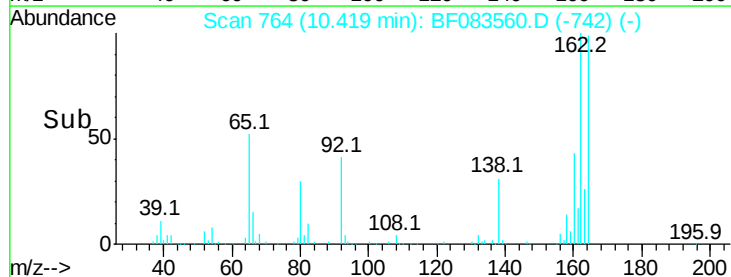
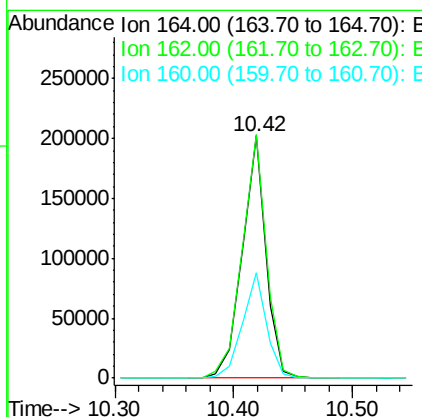
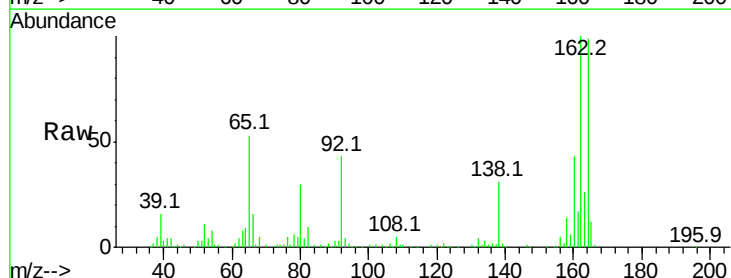
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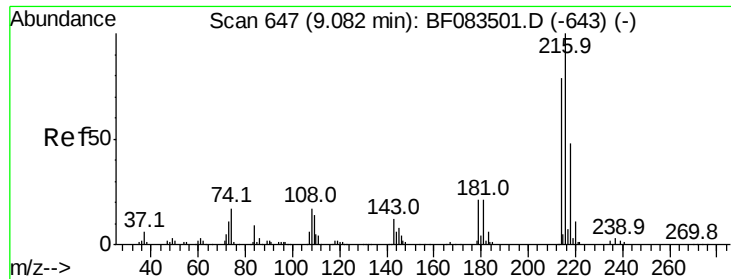
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	43.5	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.61 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

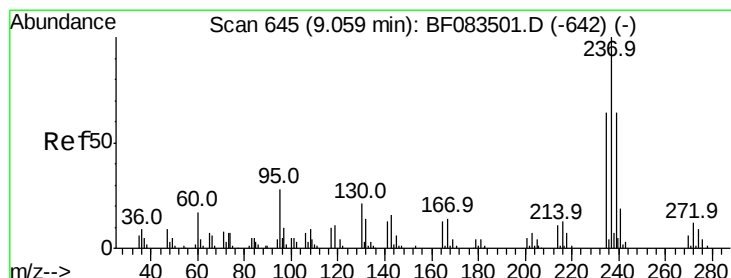
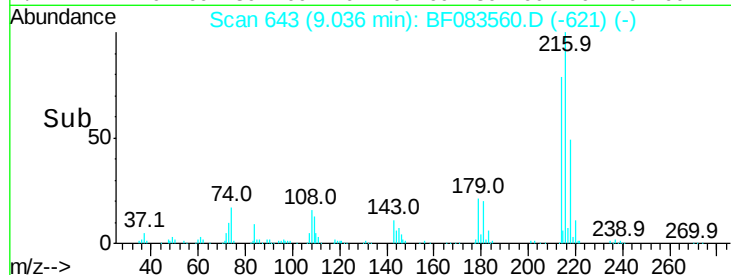
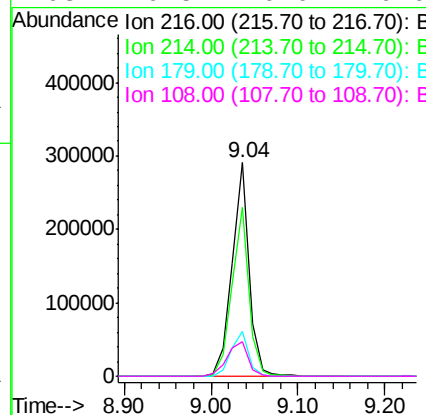
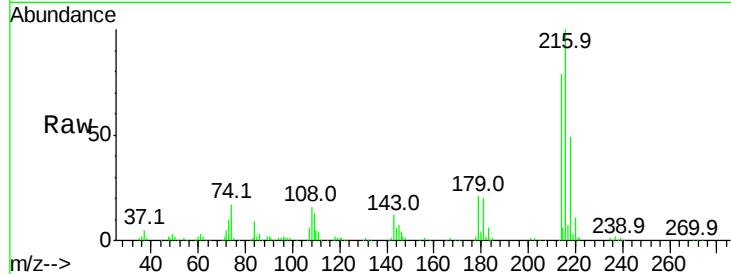
ClientSampleId :

PB87075BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	393763		
214	79.1	0.0	0.0	0.0
179	21.6	0.0	0.0	0.0
108	20.5	0.0	0.0	0.0

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 63.46 ng

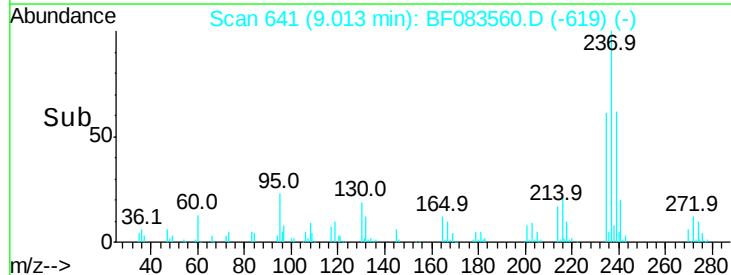
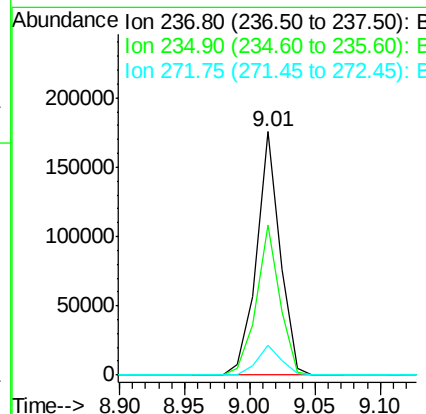
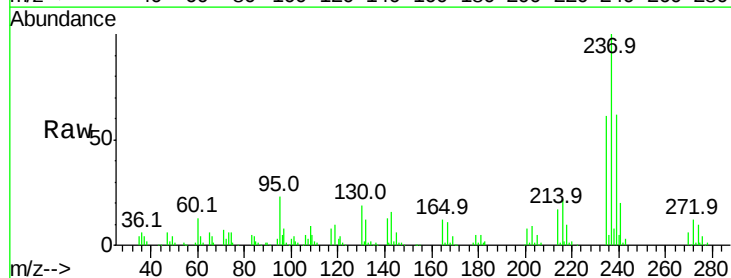
RT: 9.01 min Scan# 641

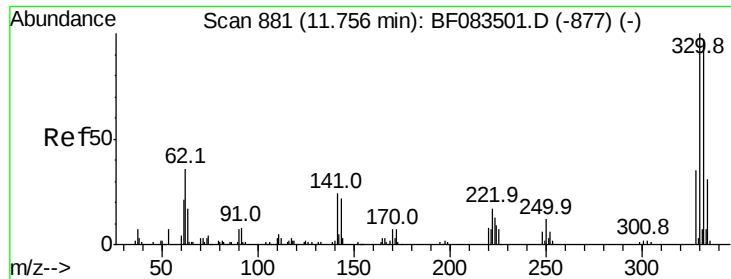
Delta R.T. -0.04 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220953		
235	61.4	43.9	83.9	
272	12.1	0.0	31.8	





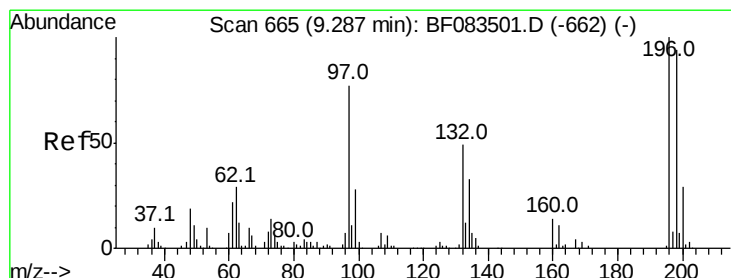
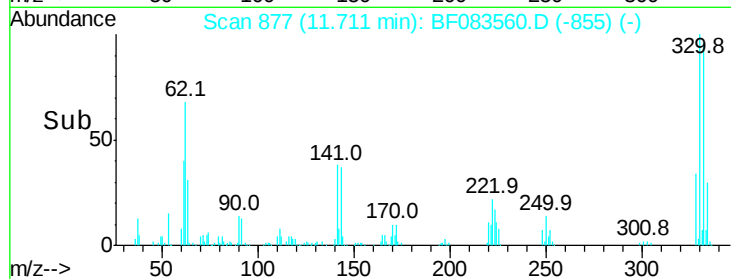
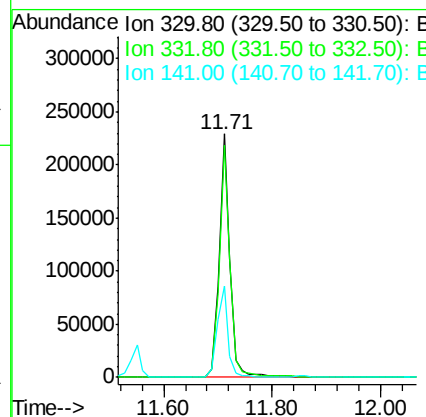
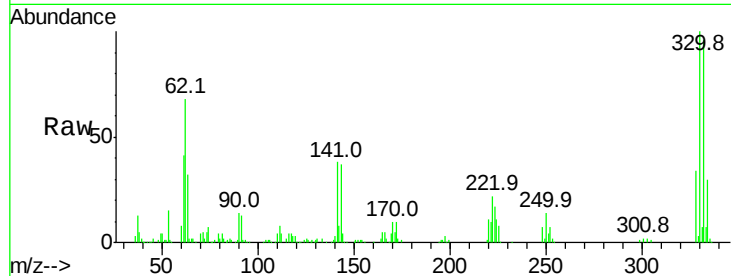
#41
 2,4,6-Tribromophenol
 Concen: 126.60 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.6	0.0	0.0#

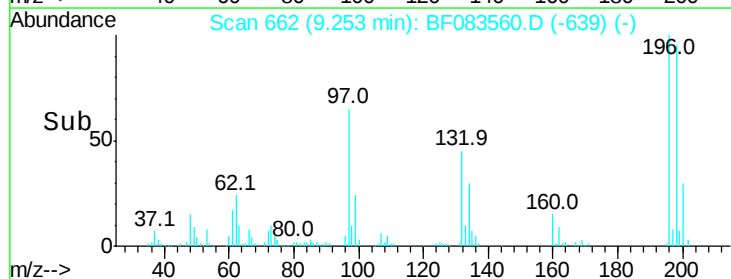
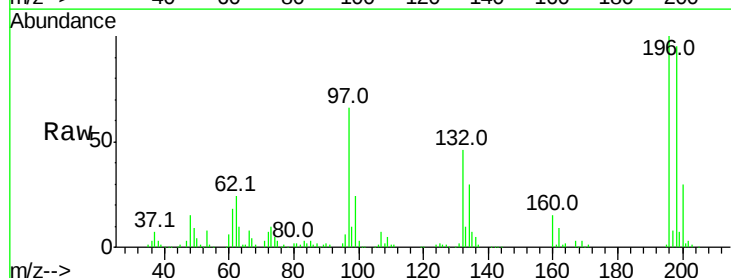
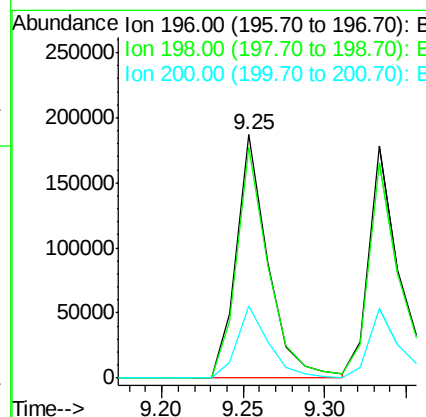
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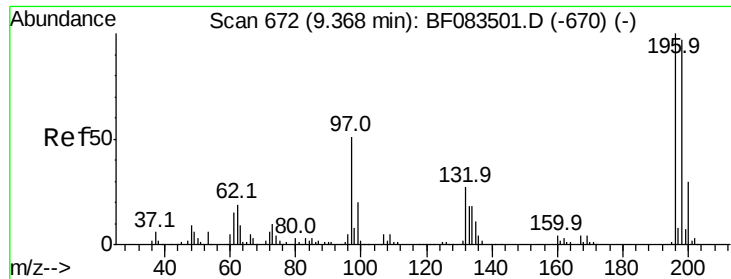
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#42
 2,4,6-Trichlorophenol
 Concen: 43.29 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.9	75.2	112.8
200	29.6	23.0	34.6





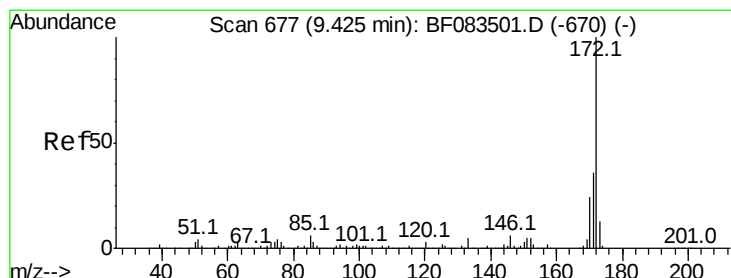
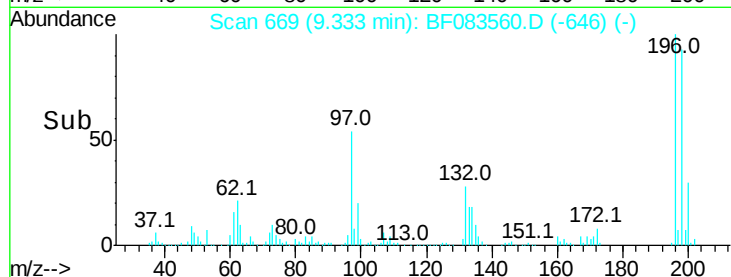
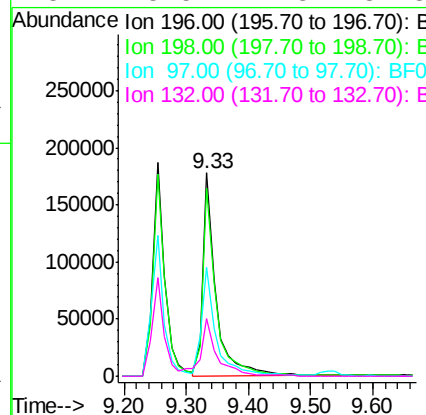
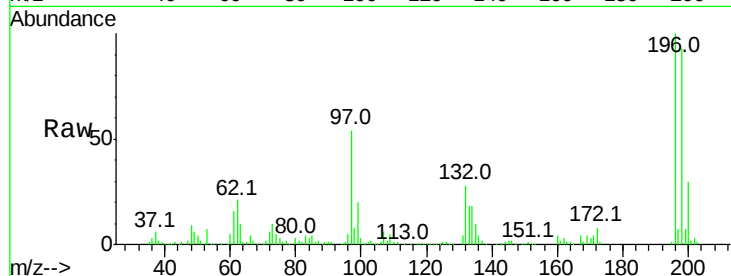
#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion	196	Resp	264372
Ion Ratio	Lower	Upper	
196	100		
198	93.0	77.7	116.5
97	53.8	41.2	61.8
132	28.5	21.8	32.8

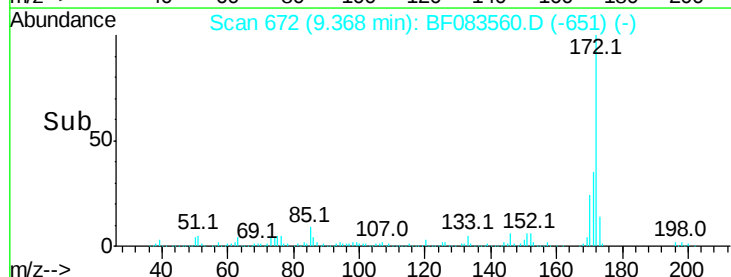
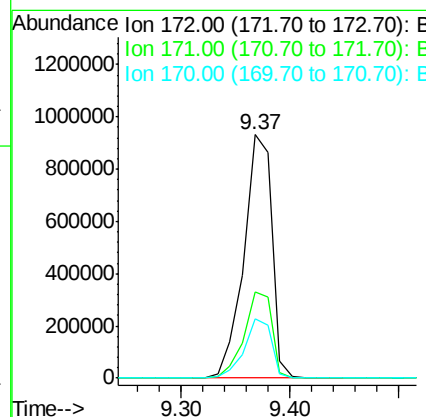
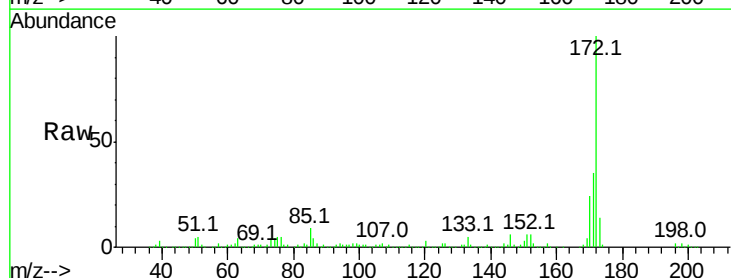
Manual Integrations
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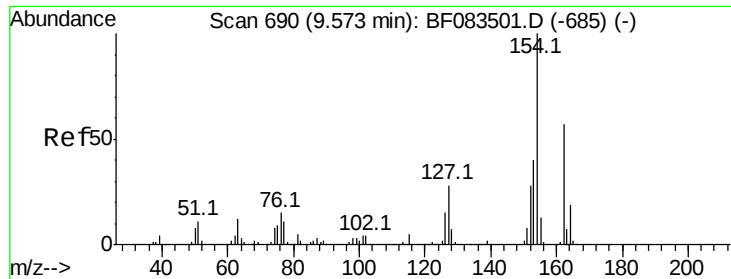
Mmdadoda
 12/8/2015 6:15:39 PM



#44
 2-Fluorobiphenyl
 Concen: 80.11 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion	172	Resp	1659781
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	24.4	19.4	29.0





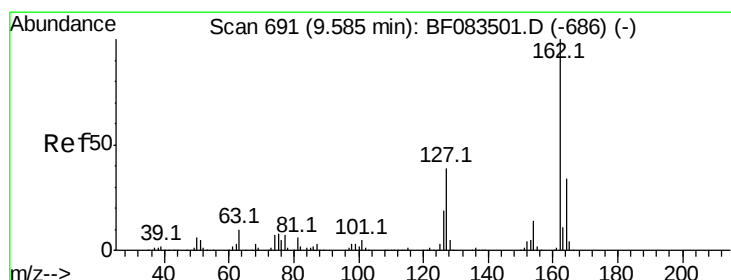
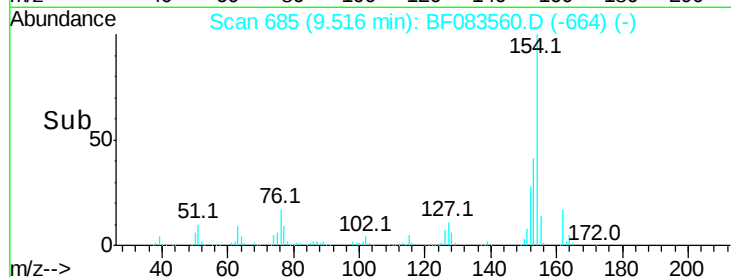
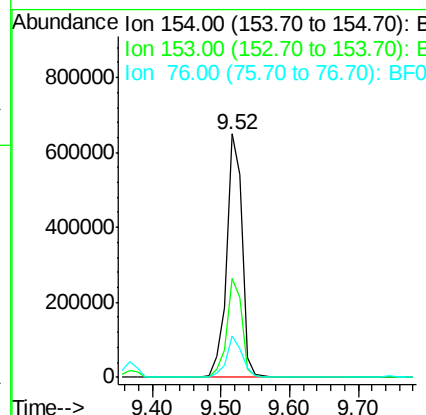
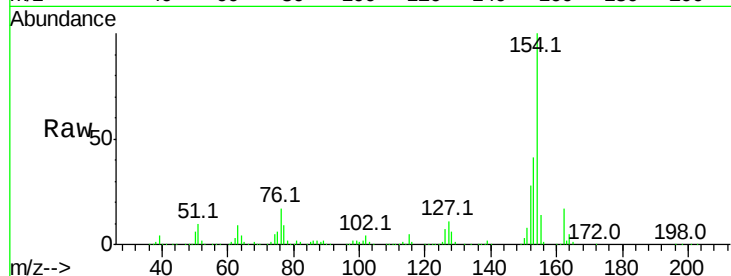
#45
1,1'-Biphenyl
Concen: 41.38 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.06 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	17.1	0.0	34.8

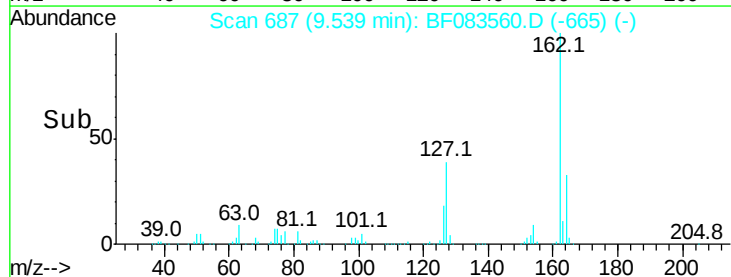
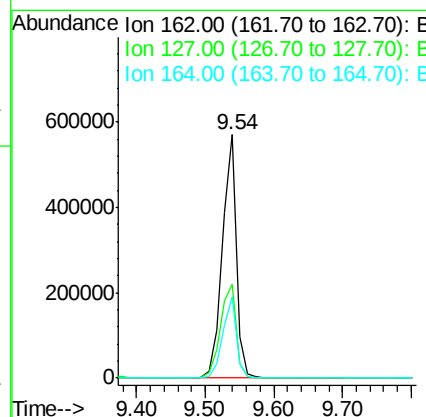
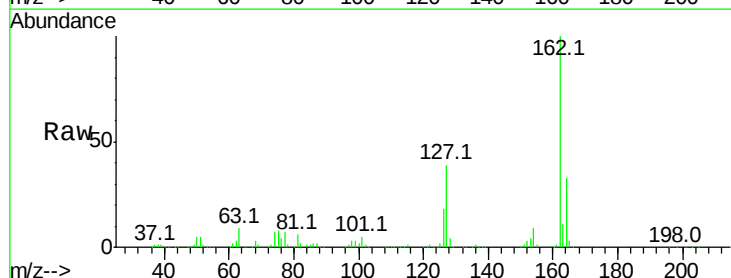
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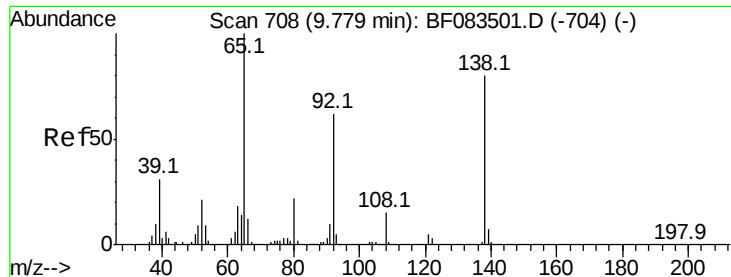
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12/8/2015 6:15:39 PM



#46
2-Chloronaphthalene
Concen: 43.91 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.4
164	33.3	27.4	41.0





#47

2-Nitroaniline

Concen: 47.61 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

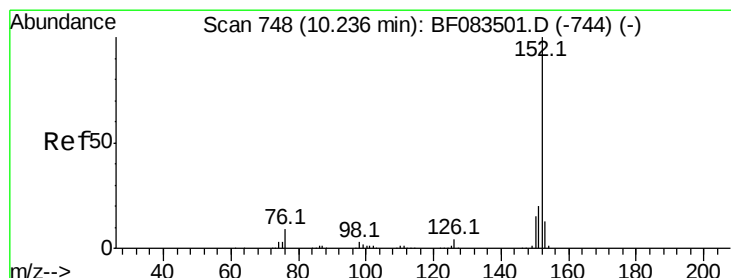
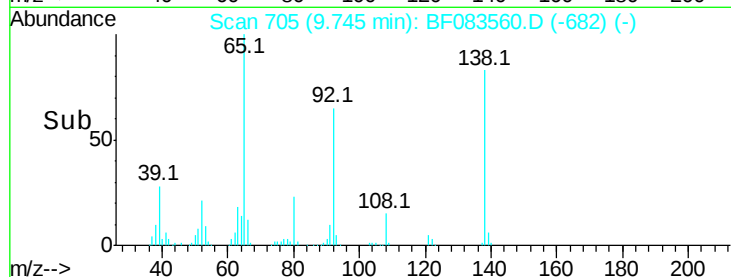
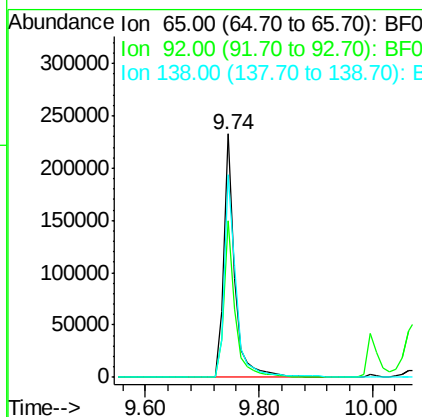
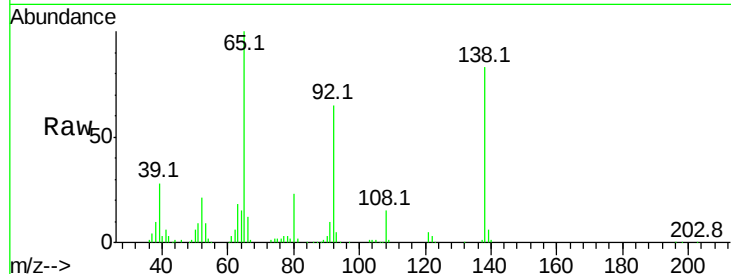
ClientSampleId :

PB87075BS

Tot Ion:	65	Resp:	319131
Ion Ratio	Lower	Upper	
65	100		
92	64.5	49.6	74.4
138	83.0	64.1	96.1

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#48

Acenaphthylene

Concen: 42.87 ng

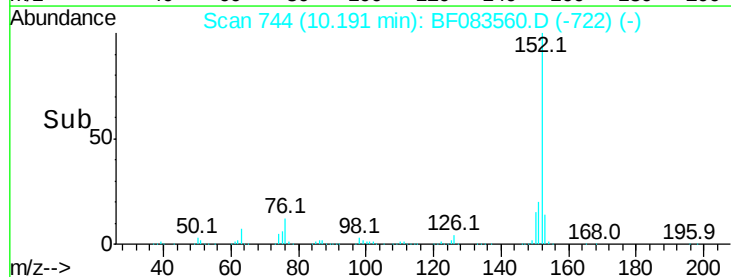
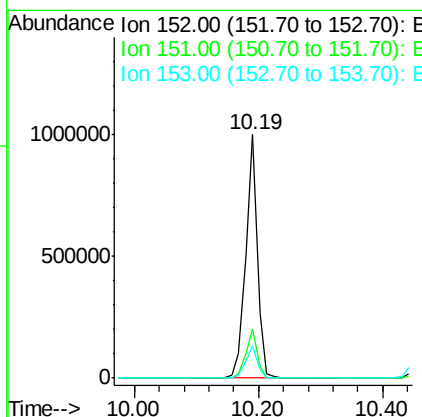
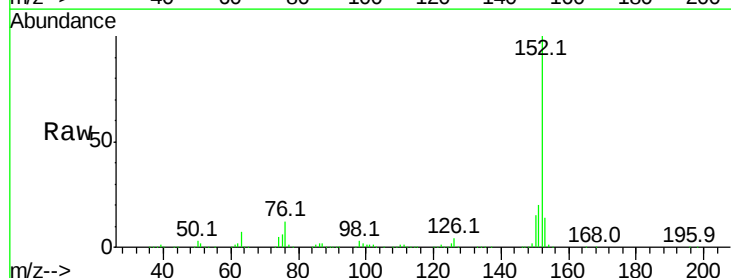
RT: 10.19 min Scan# 744

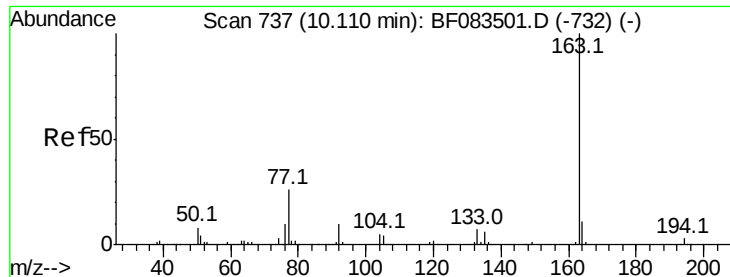
Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:	152	Resp:	1320946
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.6	10.8	16.2





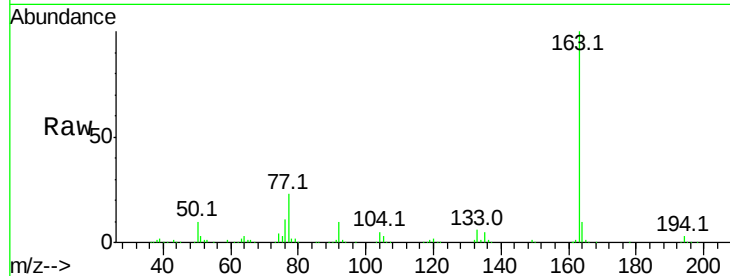
#49
Dimethylphthalate
Concen: 44.63 ng
RT: 10.08 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

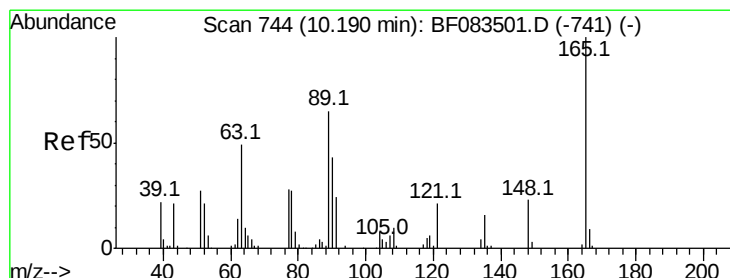
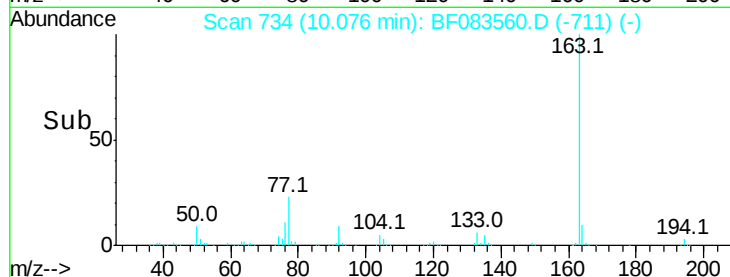
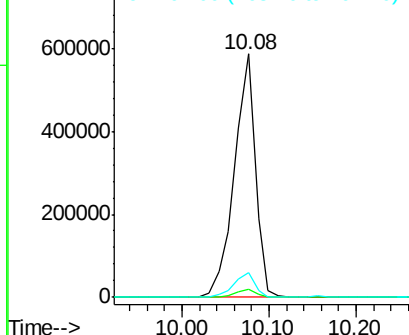
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.1	8.6	13.0

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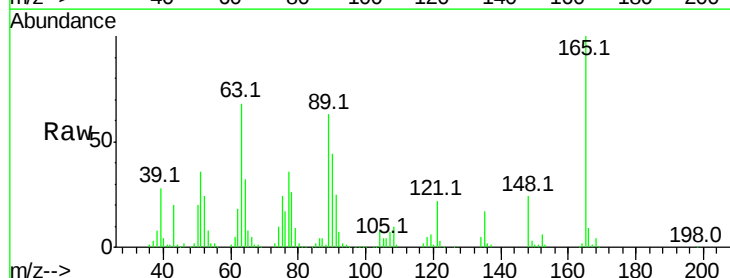


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

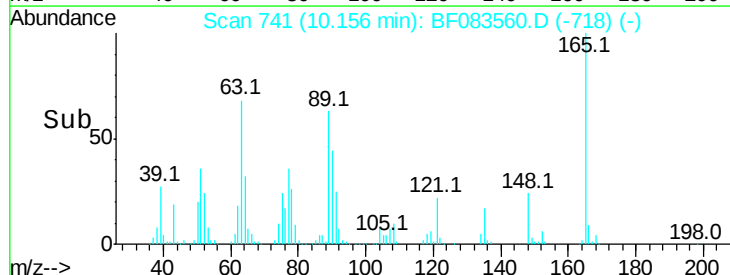
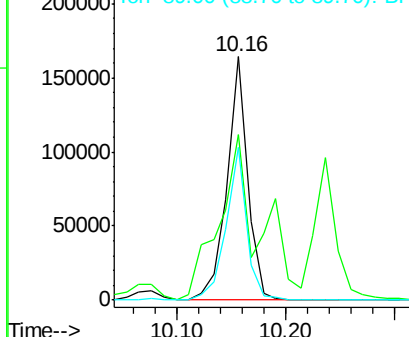


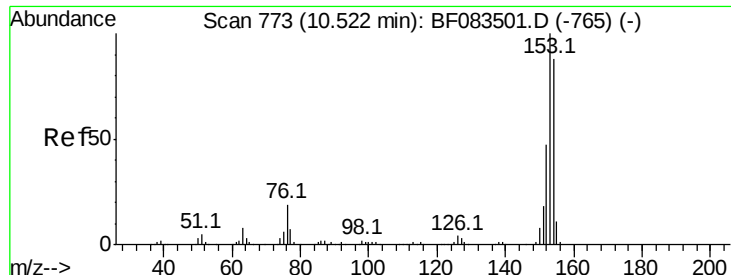
#50
2,6-Dinitrotoluene
Concen: 46.04 ng
RT: 10.16 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	68.0	56.9	85.3
89	62.5	52.1	78.1



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





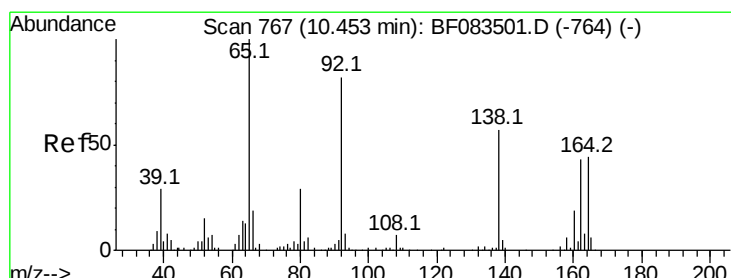
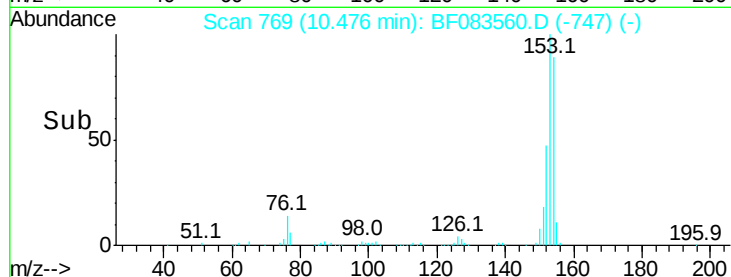
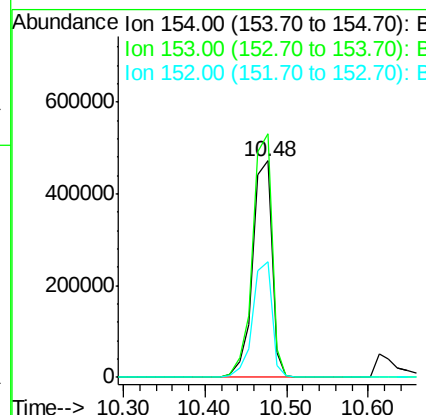
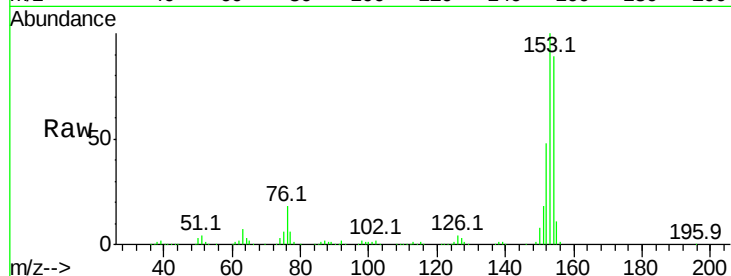
#51
Acenaphthene
Concen: 43.80 ng
RT: 10.48 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.4	137.0
152	53.4	43.4	65.2

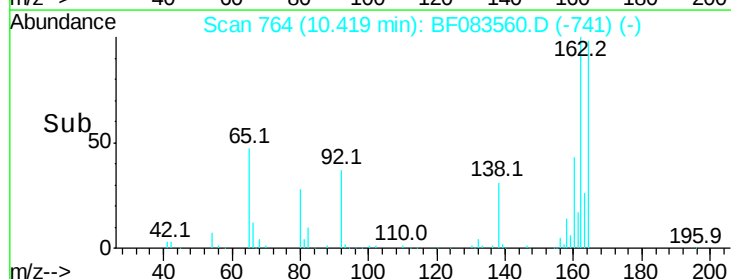
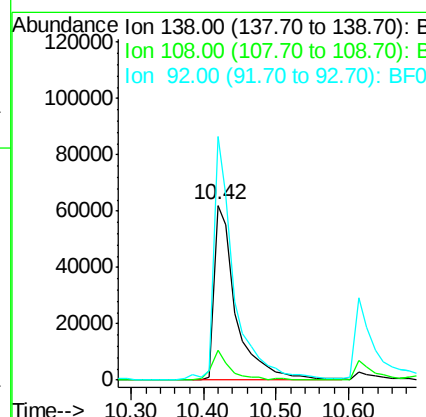
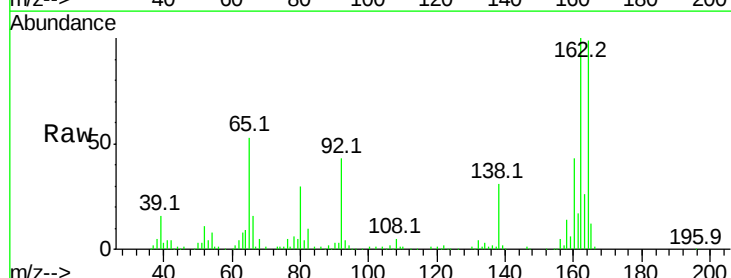
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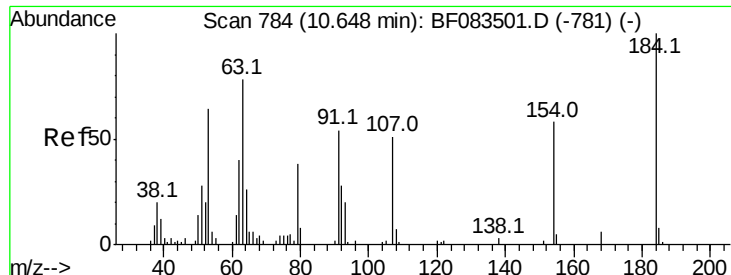
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#52
3-Nitroaniline
Concen: 25.77 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	17.4	9.9	14.9#
92	139.0	113.8	170.8





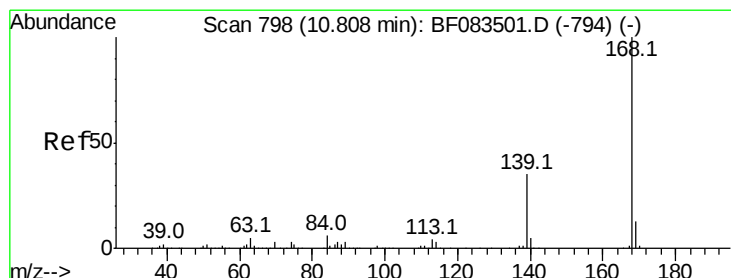
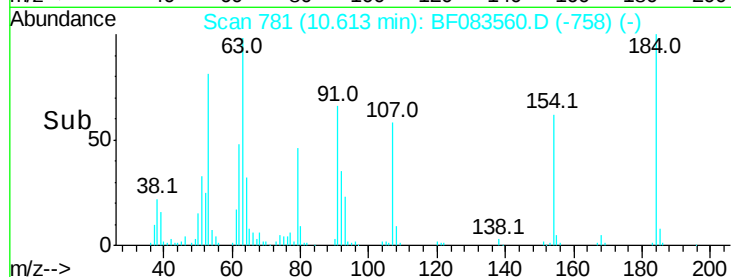
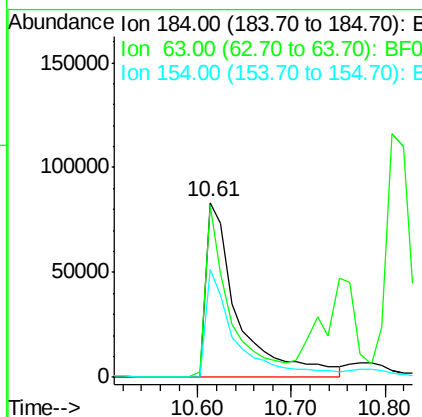
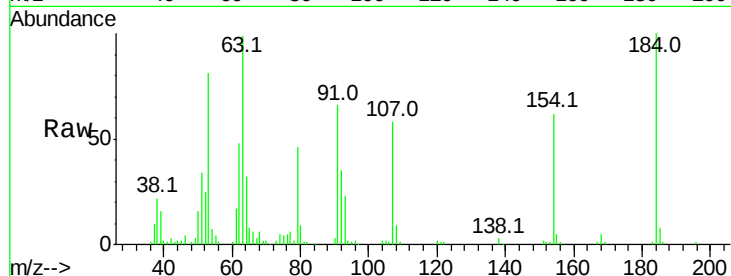
#53
2,4-Dinitrophenol
Concen: 82.74 ng/mL
RT: 10.61 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	199156		
63	98.7	62.4	93.6	#
154	62.0	46.6	69.8	

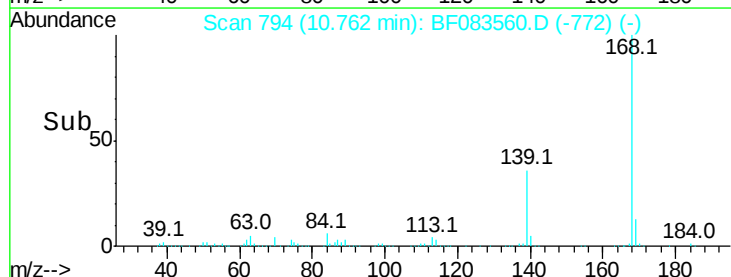
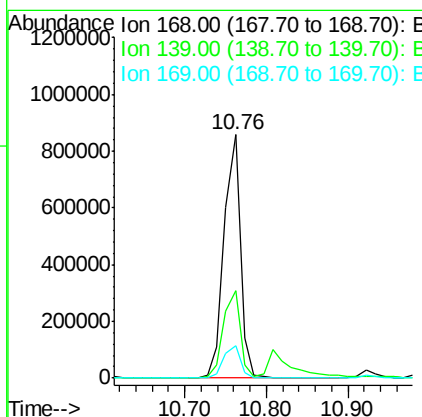
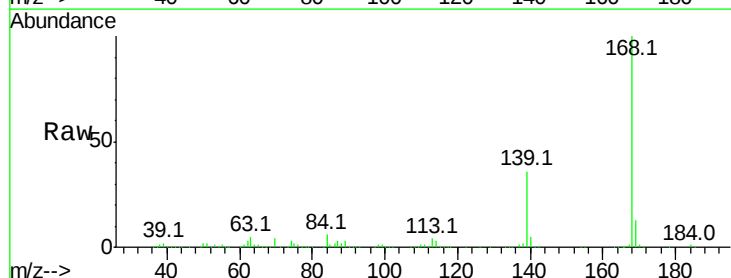
Manual Integrations
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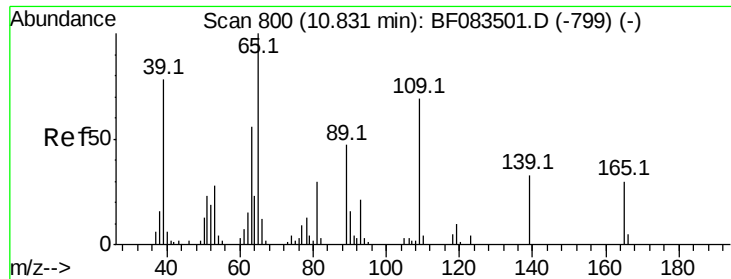
Mmdadoda
12/8/2015 6:15:39 PM



#54
Dibenzofuran
Concen: 48.81 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1198883		
139	35.8	28.0	42.0	
169	13.5	10.8	16.2	





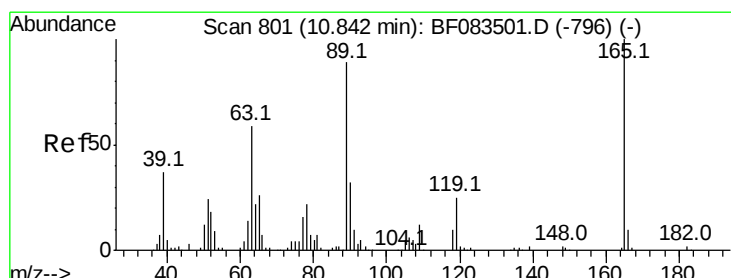
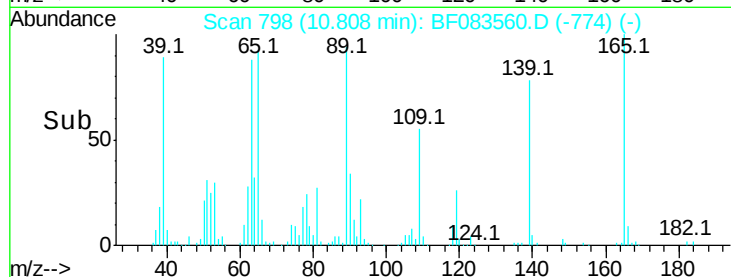
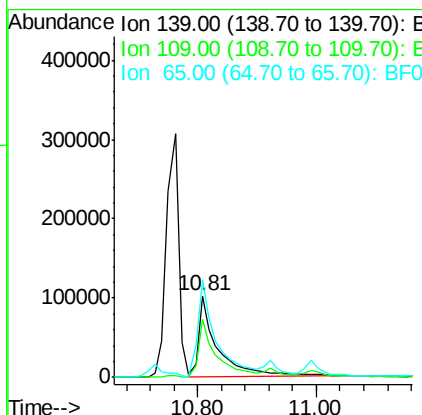
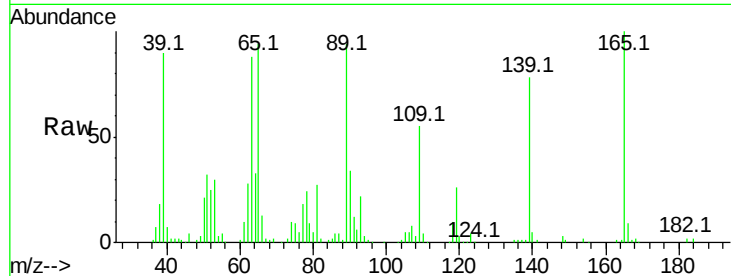
#55
4-Nitrophenol
Concen: 79.95 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	226096		
109	71.0	42.0	82.0	
65	120.6	89.2	129.2	

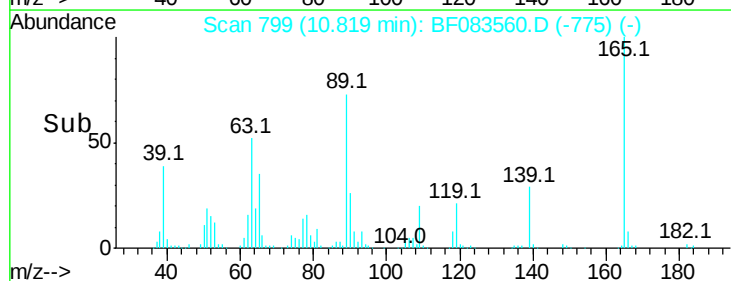
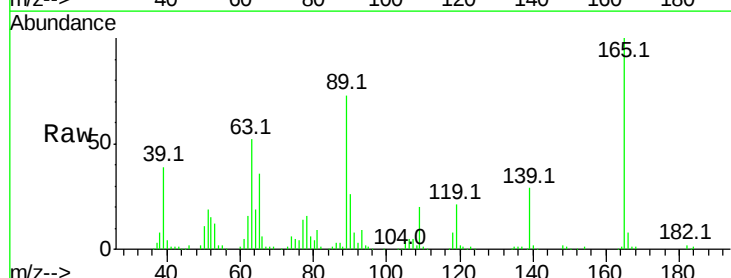
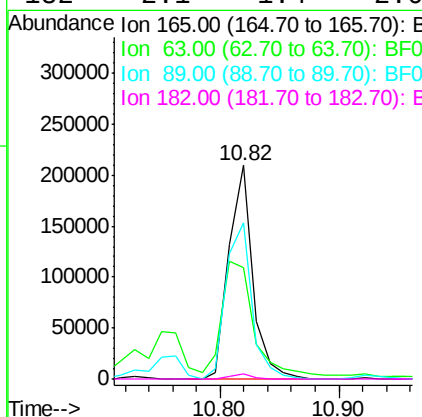
Manual Integrations
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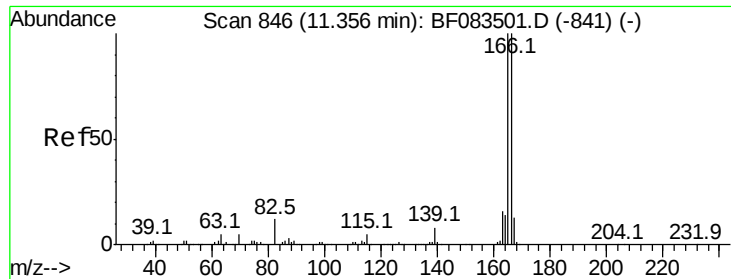
Mmdadoda
12/8/2015 6:15:39 PM



#56
2,4-Dinitrotoluene
Concen: 48.57 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	295441		
63	52.4	51.4	77.2	
89	73.4	72.6	108.8	
182	2.1	1.4	2.0	#





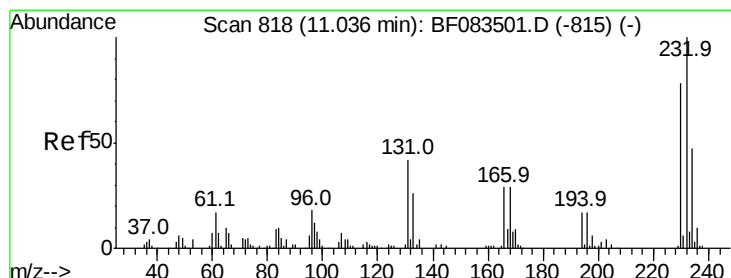
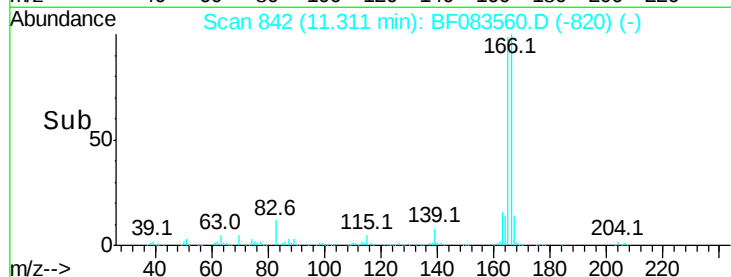
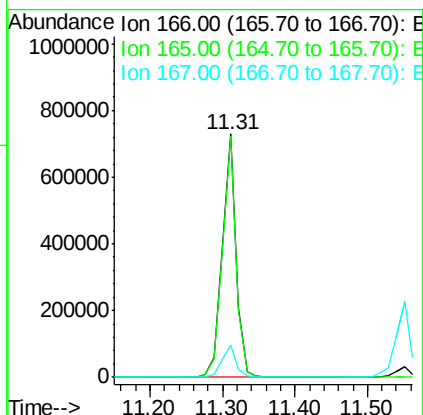
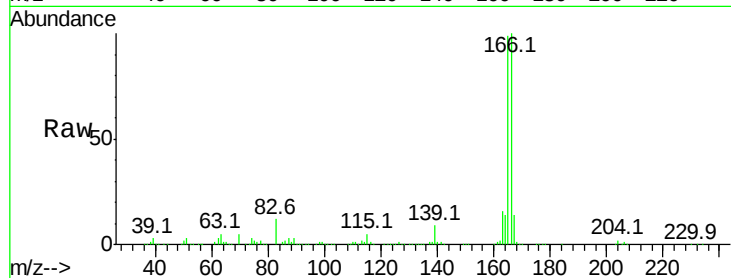
#57
 Fluorene
 Concen: 44.74 ng
 RT: 11.31 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	956111		
165	98.7	80.0	120.0	
167	13.5	10.6	16.0	

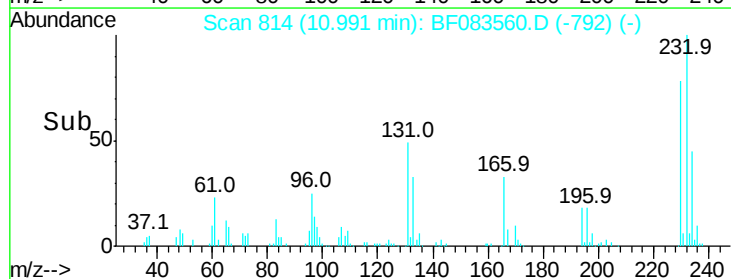
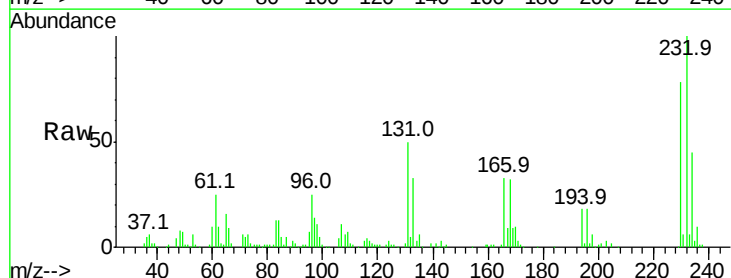
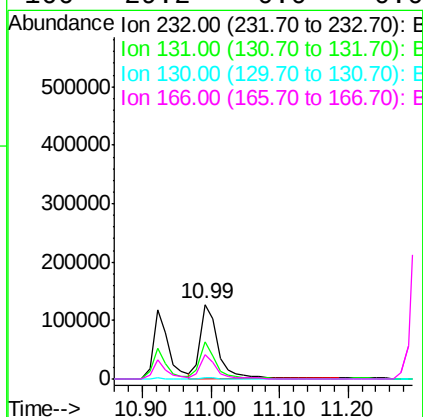
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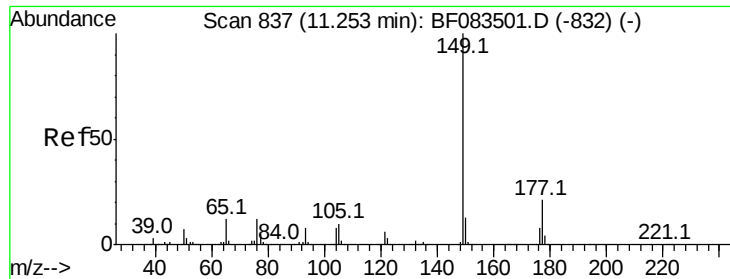
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.27 ng
 RT: 10.99 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	229146		
131	45.0	0.0	0.0#	
130	2.2	0.0	0.0#	
166	29.2	0.0	0.0#	





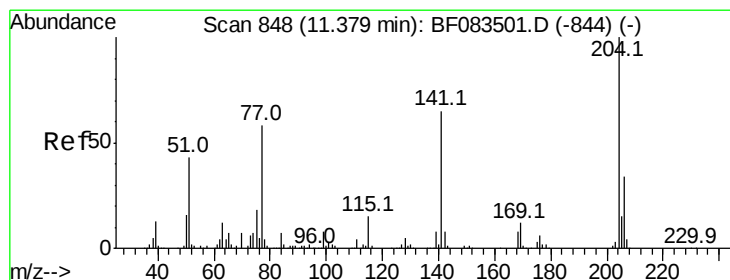
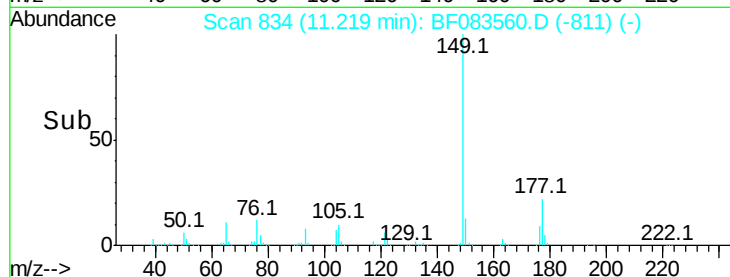
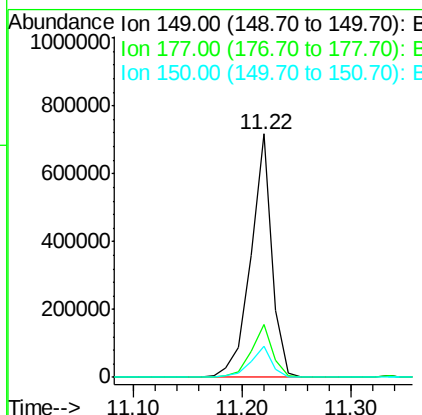
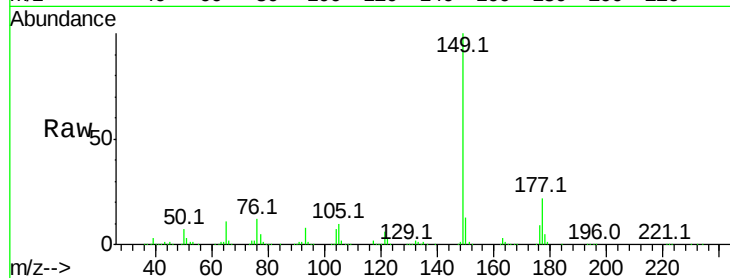
#59
Diethylphthalate
Concen: 45.53 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.9	16.9	25.3
150	12.6	10.2	15.4

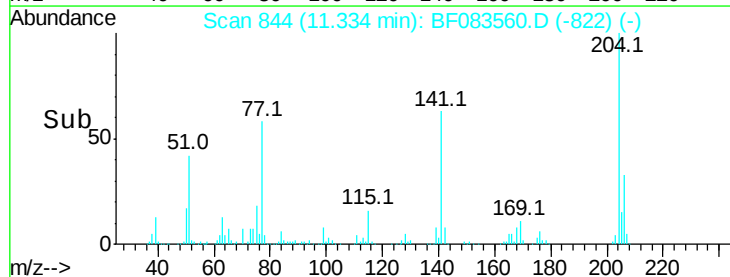
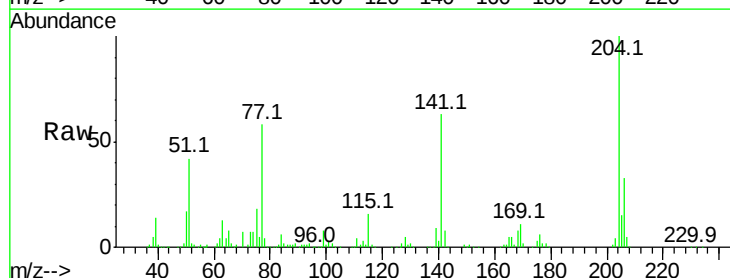
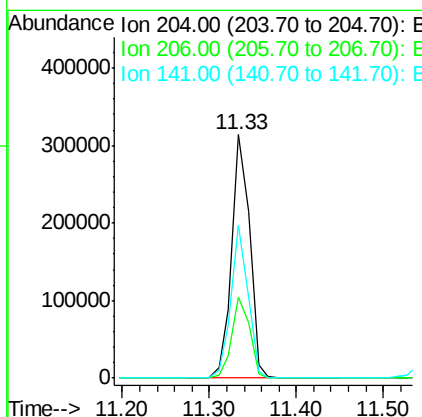
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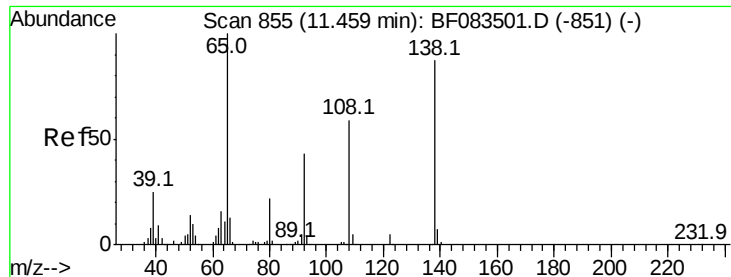
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#60
4-Chlorophenyl-phenylether
Concen: 43.84 ng
RT: 11.33 min Scan# 844
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.4	27.3	40.9
141	62.9	51.9	77.9





#61

4-Nitroaniline

Concen: 44.29 ng

RT: 11.42 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tot Ion:138 Resp: 201488

Ion Ratio Lower Upper

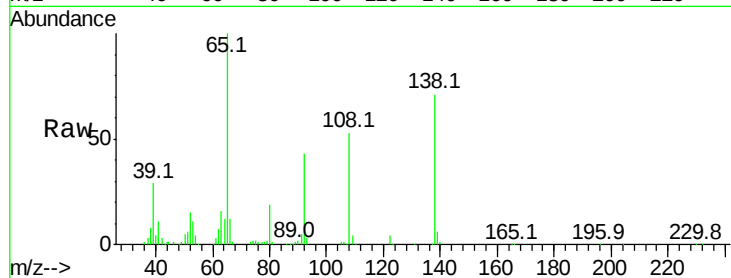
138 100

92 60.4 29.0 69.0

108 74.1 47.4 87.4

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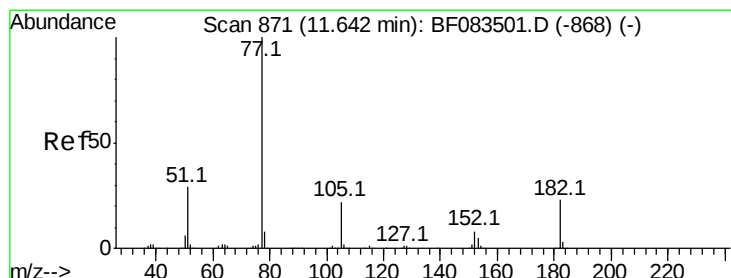
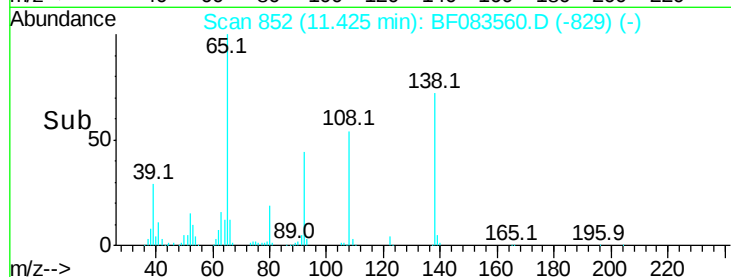
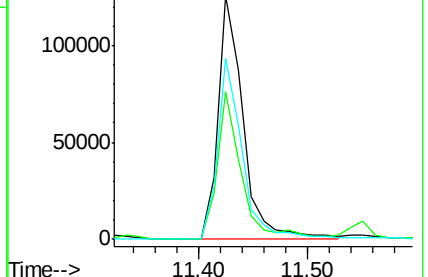
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 54.06 ng

RT: 11.60 min Scan# 867

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion: 77 Resp: 1227693

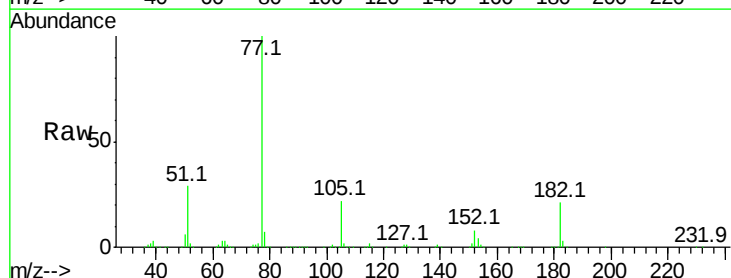
Ion Ratio Lower Upper

77 100

182 21.4 2.5 42.5

105 22.1 2.1 42.1

51 29.3 9.3 49.3

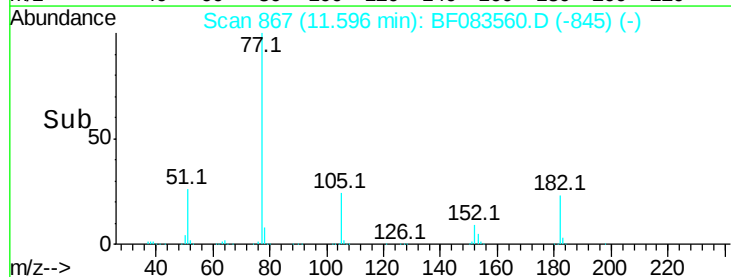
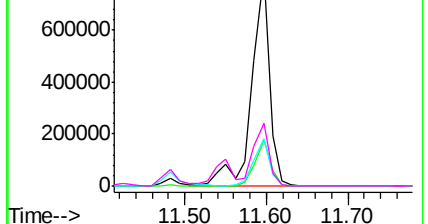


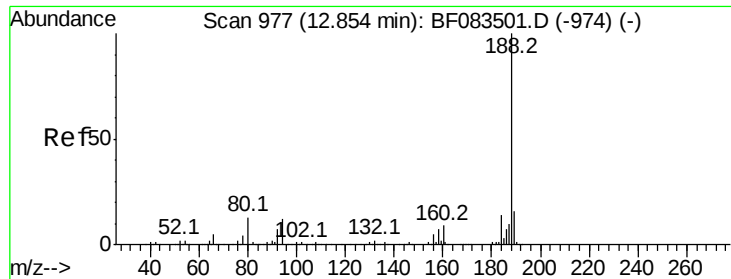
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

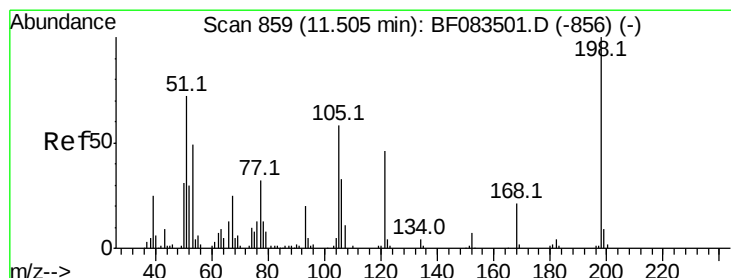
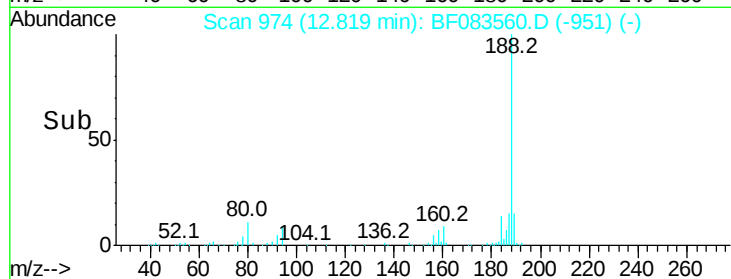
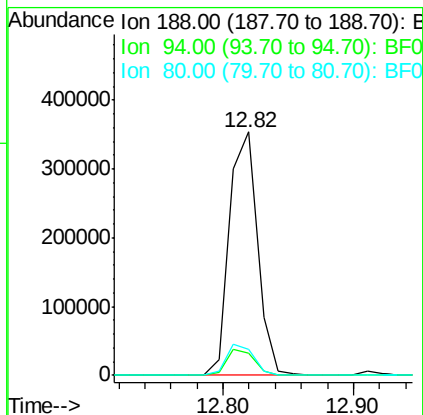
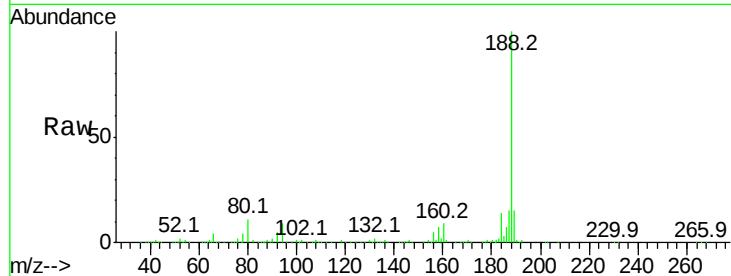
ClientSampleId :

PB87075BS

Tot Ion:188	Resp:	529724
Ion Ratio	Lower	Upper
188	100	
94	9.1	9.4 14.2#
80	10.9	10.6 16.0

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.27 ng

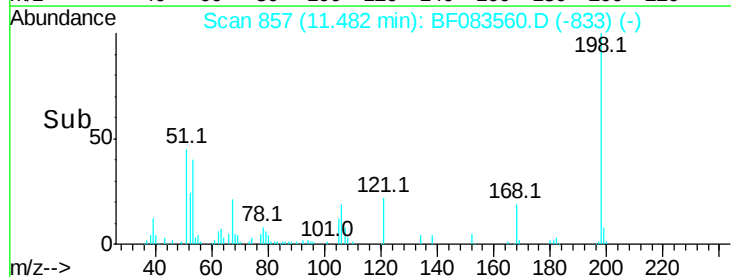
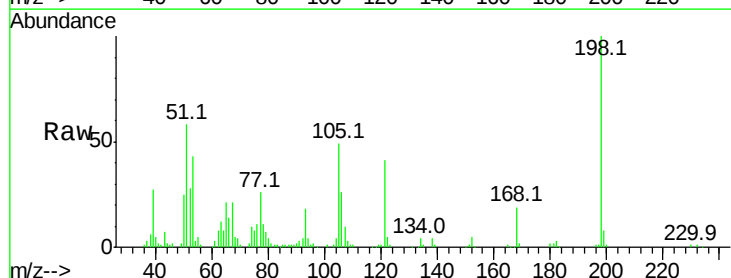
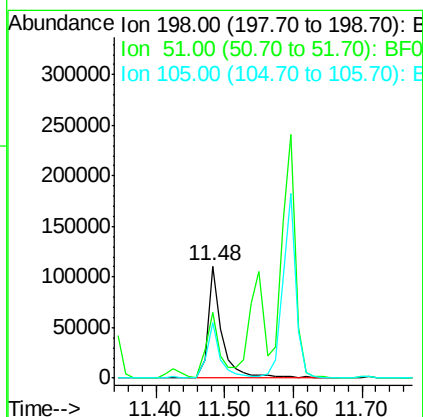
RT: 11.48 min Scan# 857

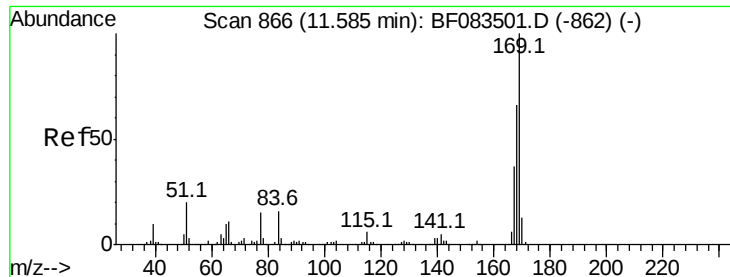
Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:198	Resp:	157206
Ion Ratio	Lower	Upper
198	100	
51	58.3	53.8 93.8
105	49.1	38.6 78.6





#65

n-Nitrosodiphenylamine

Concen: 46.69 ng

RT: 11.55 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

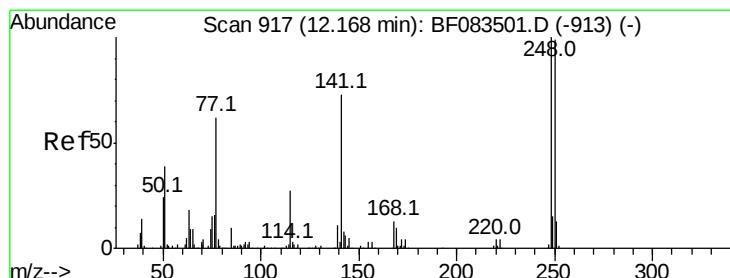
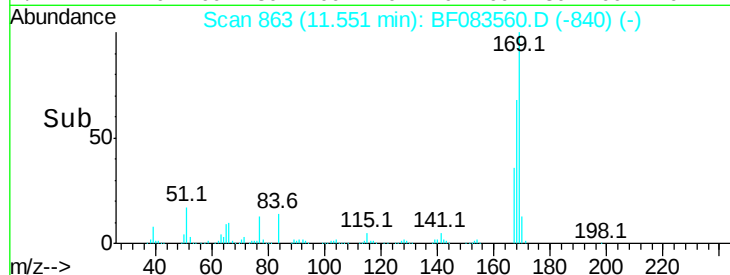
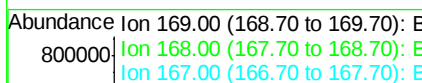
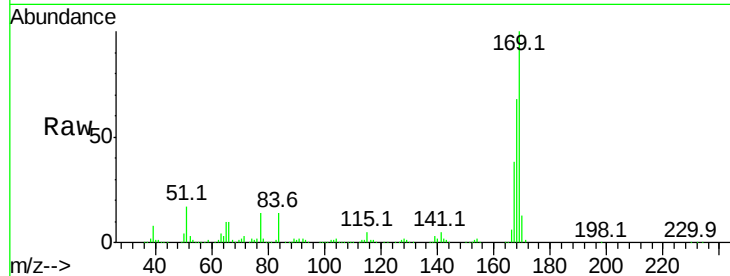
ClientSampleId :

PB87075BS

Tot Ion:	169	Resp:	818904
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.0	79.6
167	37.9	29.3	43.9

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#66

4-Bromophenyl-phenylether

Concen: 44.90 ng

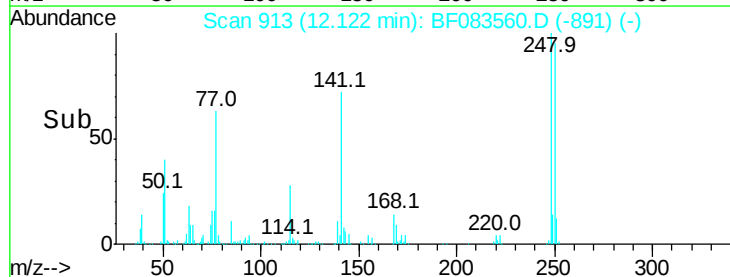
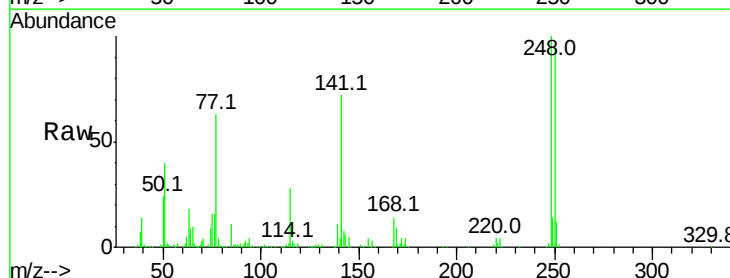
RT: 12.12 min Scan# 913

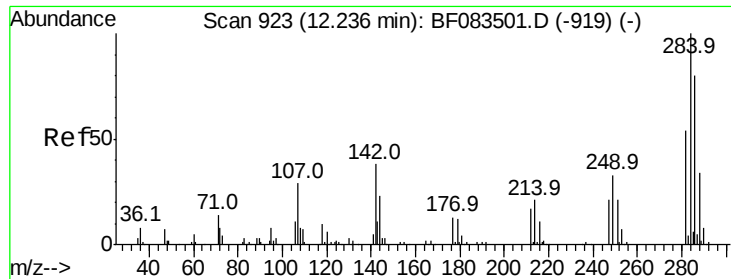
Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:	248	Resp:	259891
Ion Ratio	Lower	Upper	
248	100		
250	95.1	79.2	118.8
141	71.7	58.2	87.4





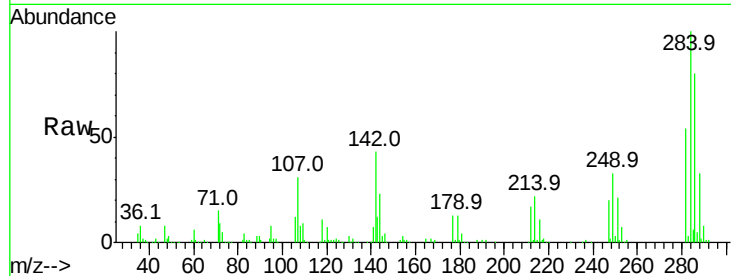
#67
Hexachlorobenzene
Concen: 45.75 ng
RT: 12.19 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

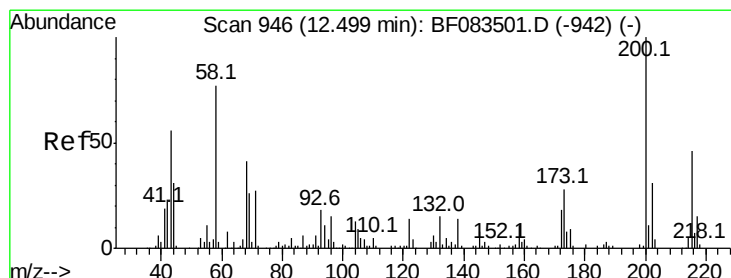
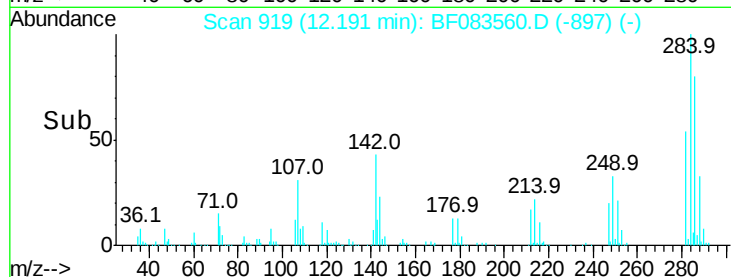
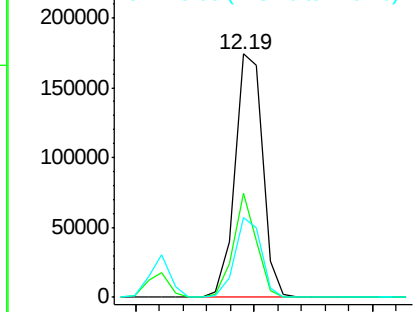
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.7	31.0	46.4	
249	32.9	26.9	40.3	

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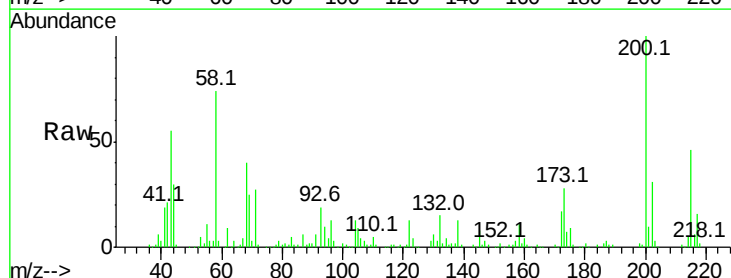


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

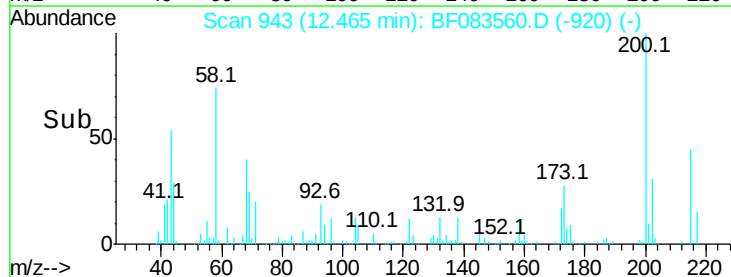
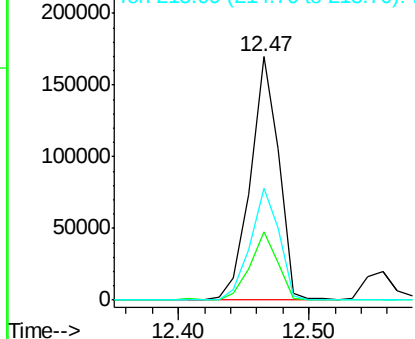


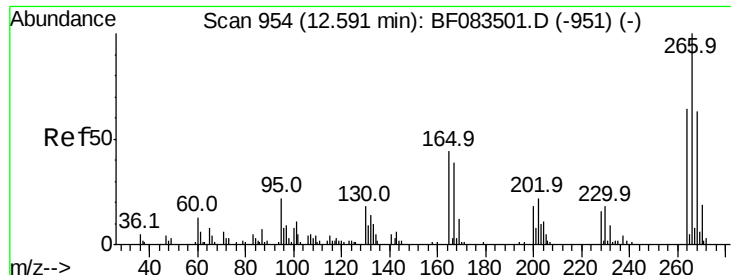
#68
Atrazine
Concen: 48.32 ng
RT: 12.47 min Scan# 943
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	7.8	47.8	
215	45.8	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





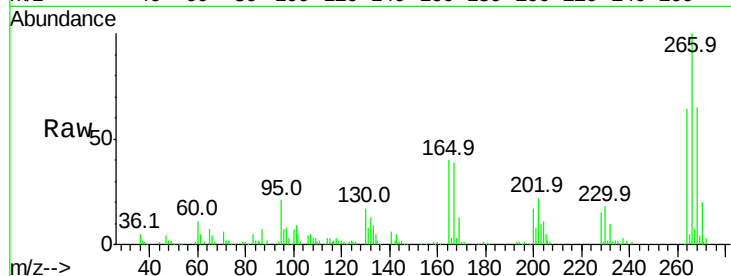
#69
 Pentachlorophenol
 Concen: 75.82 ng
 RT: 12.56 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

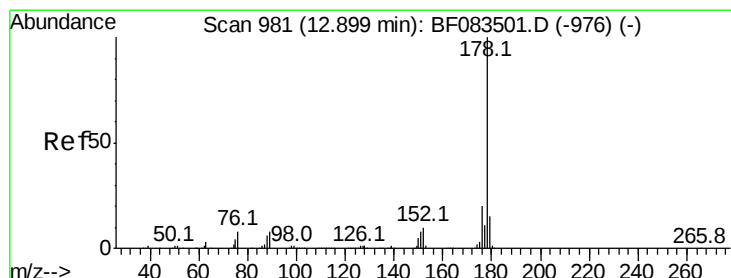
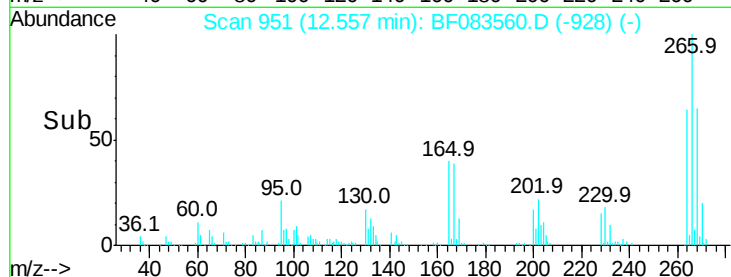
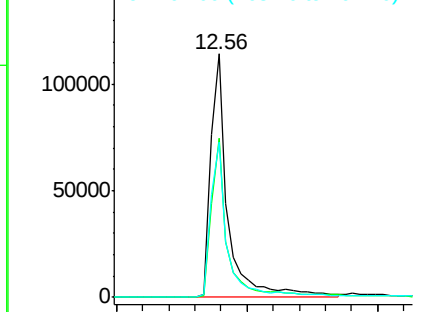
Tot Ion	Ratio	Resp	Lower	Upper
266	100	212564		
268	65.1	50.2	75.2	
264	63.6	51.4	77.2	

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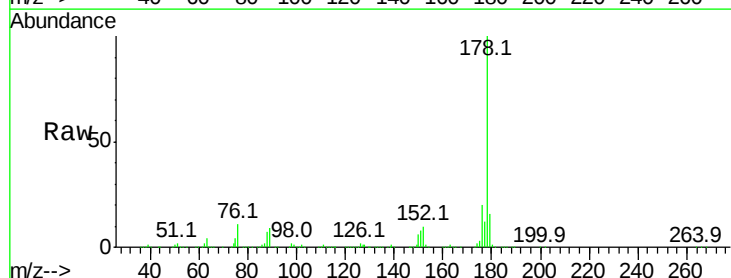


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

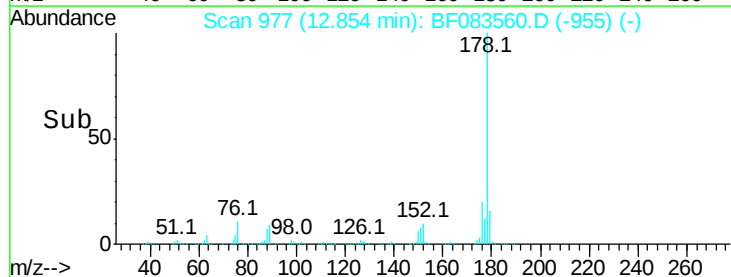
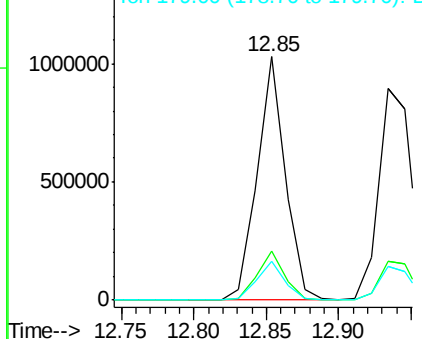


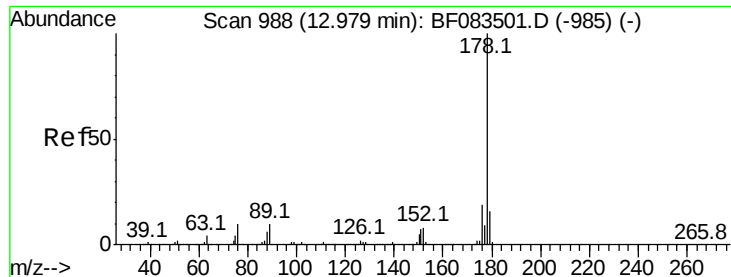
#70
 Phenanthrene
 Concen: 44.97 ng
 RT: 12.85 min Scan# 977
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1386658		
176	20.0	15.7	23.5	
179	15.8	12.2	18.4	



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





#71
 Anthracene
 Concen: 45.80 ng
 RT: 12.93 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

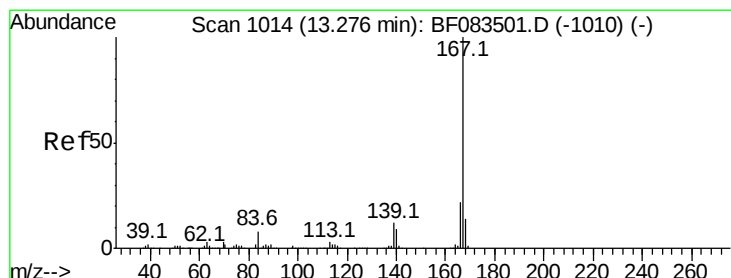
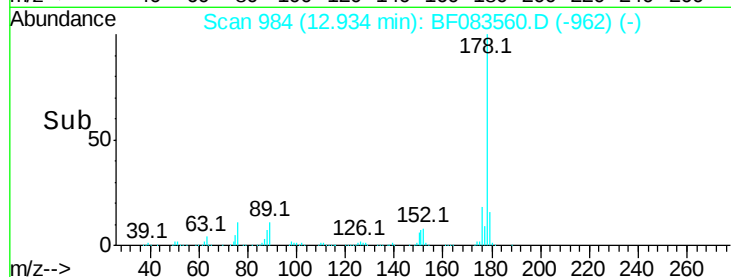
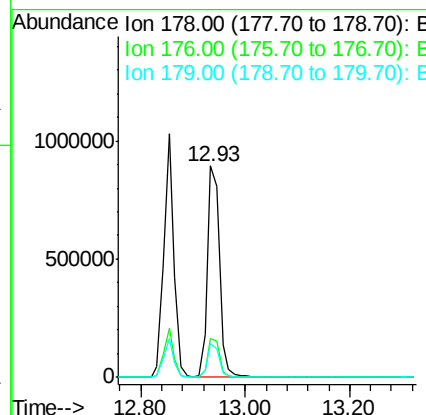
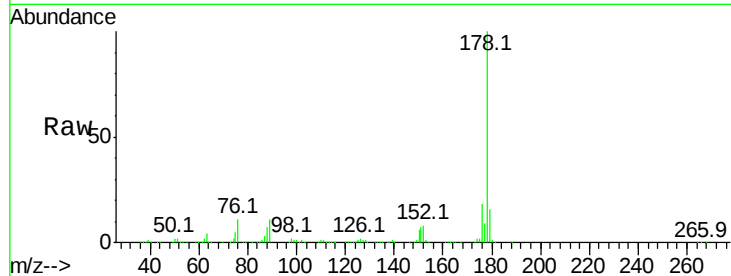
Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion:178 Resp: 1440295

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.9	12.6	18.8

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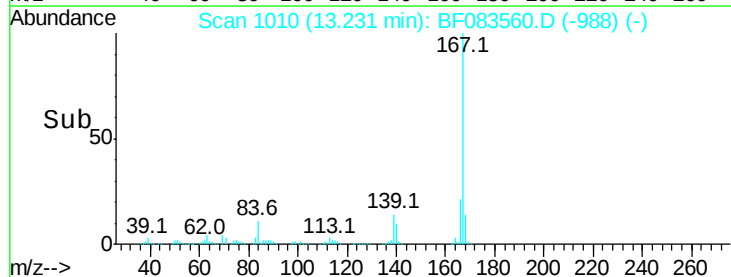
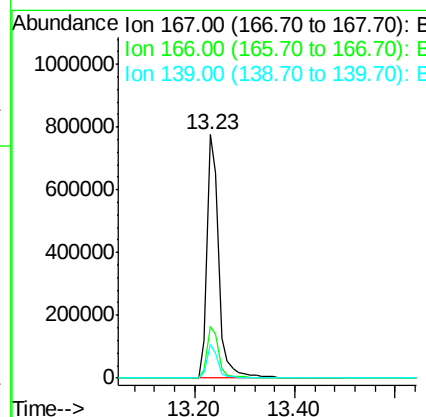
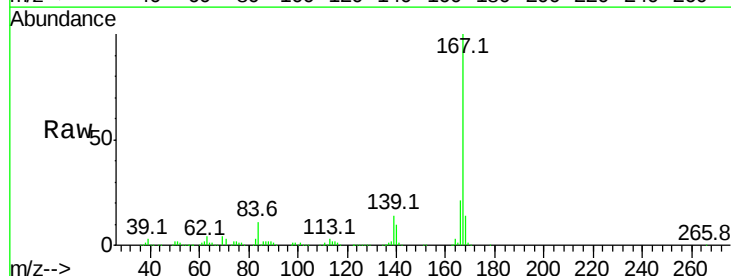
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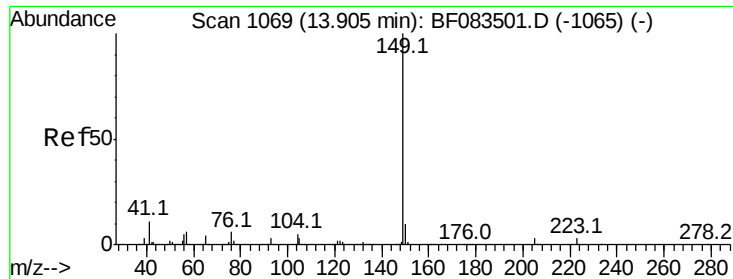


#72
 Carbazole
 Concen: 46.94 ng
 RT: 13.23 min Scan# 1010
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:167 Resp: 1267548

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.7	9.3	13.9





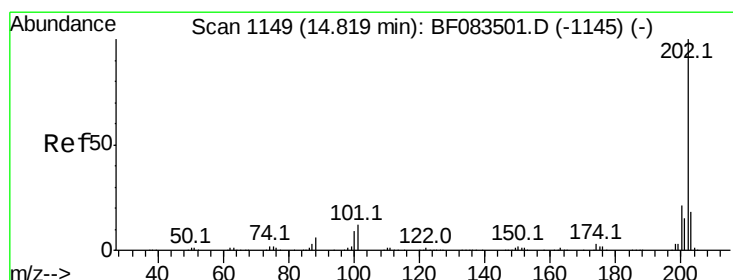
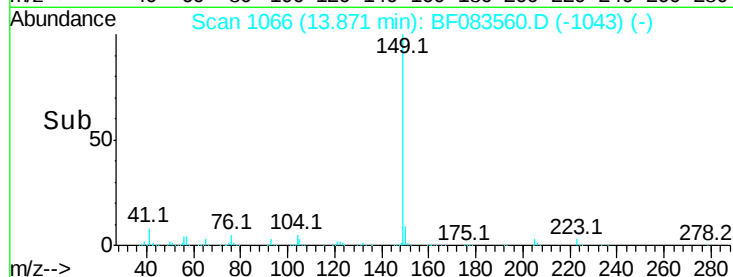
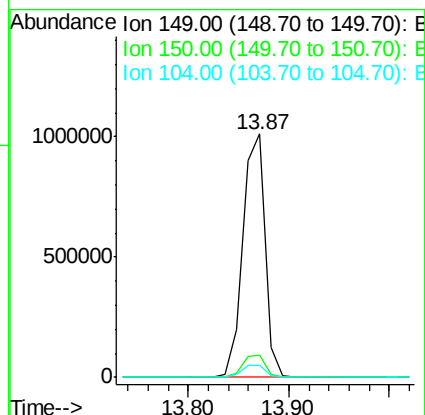
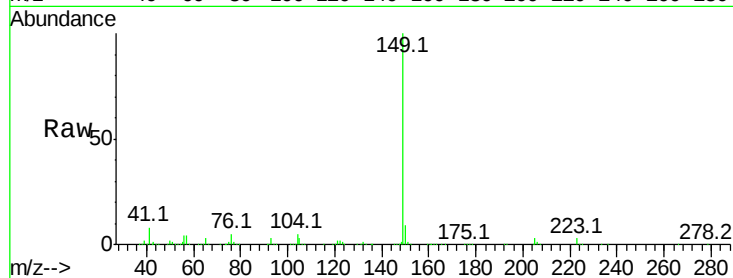
#73
Di-n-butylphthalate
Concen: 47.64 ng
RT: 13.87 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion:149 Resp: 1549162
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.7 3.9 5.9

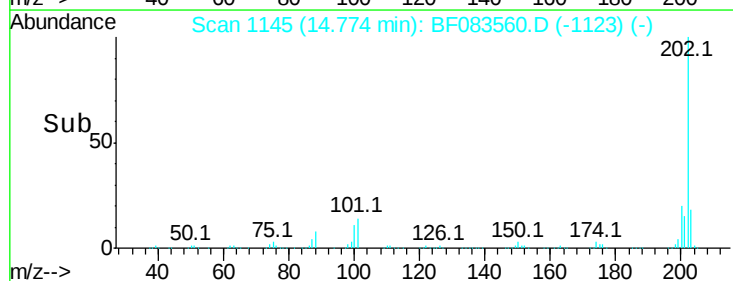
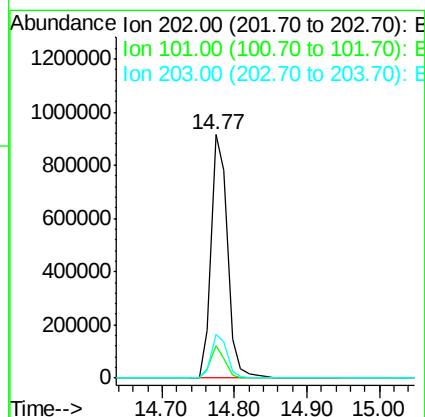
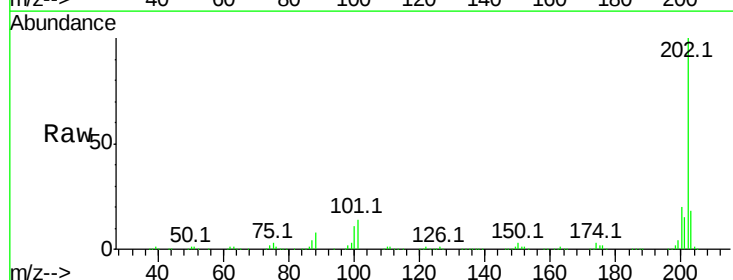
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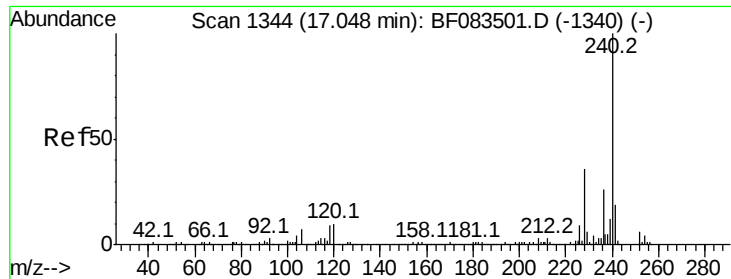
Mmdadoda
12/8/2015 6:15:39 PM



#74
Fluoranthene
Concen: 47.21 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:202 Resp: 1442613
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.5
203 17.9 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

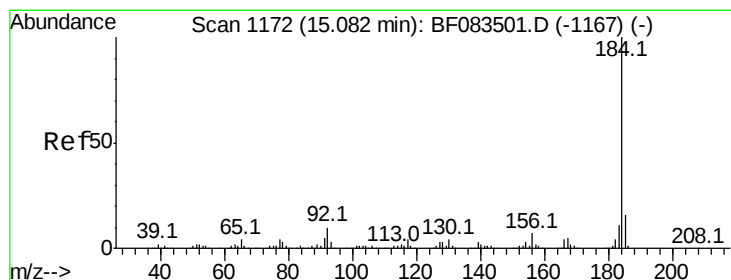
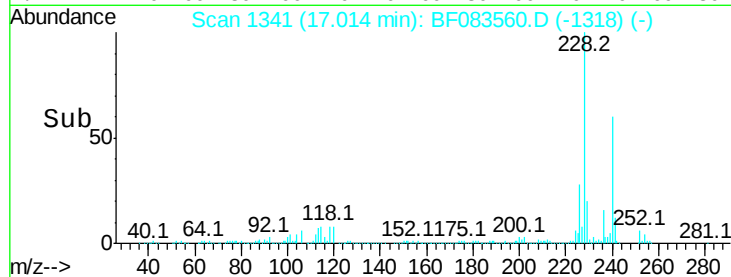
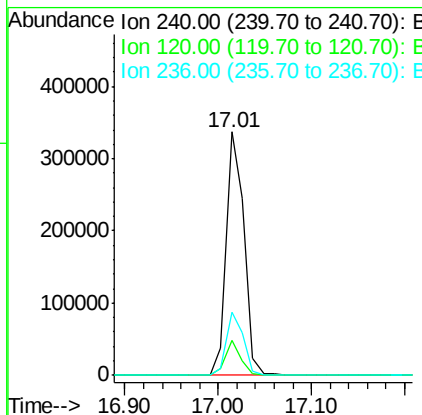
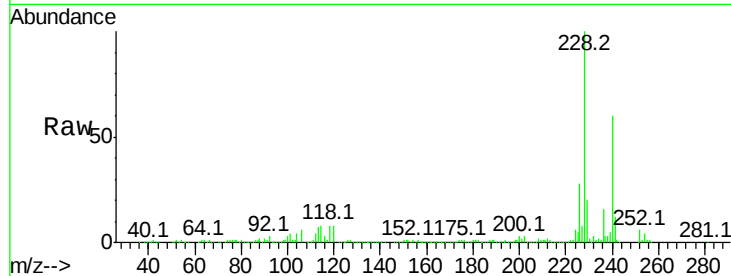
ClientSampleId :

PB87075BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.2	8.1	12.1#	
236	26.1	20.8	31.2	

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#76

Benzidine

Concen: 31.55 ng

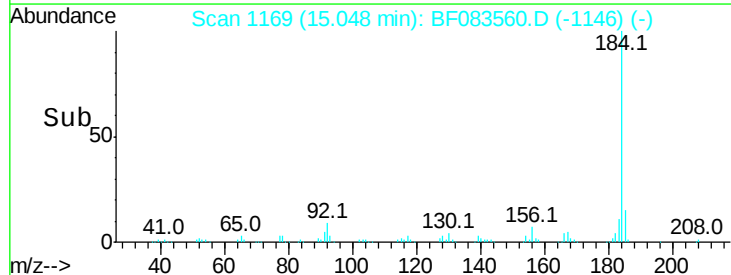
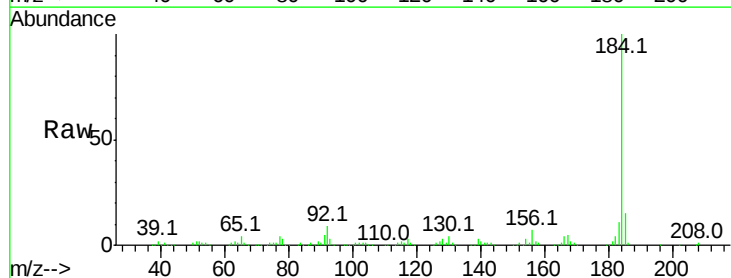
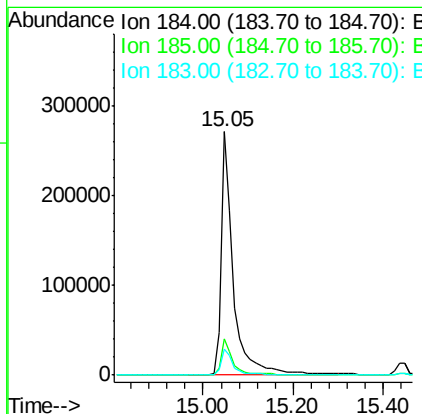
RT: 15.05 min Scan# 1169

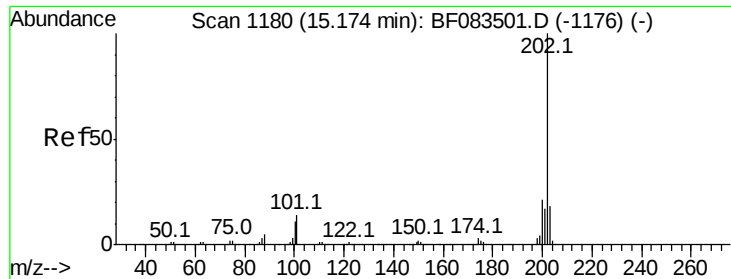
Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	13.0	19.6	
183	10.9	9.0	13.4	





#77

Pvrene

Concen: 44.08 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tot Ion:202 Resp: 1470207

Ion Ratio Lower Upper

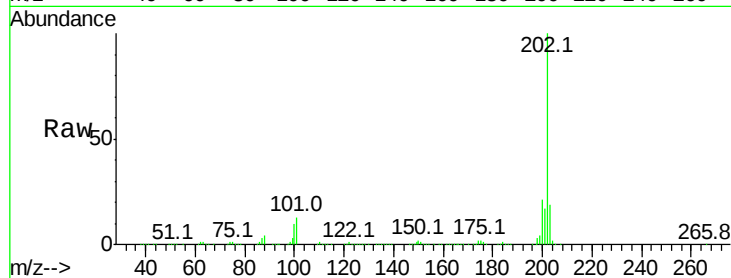
202 100

200 21.1 16.7 25.1

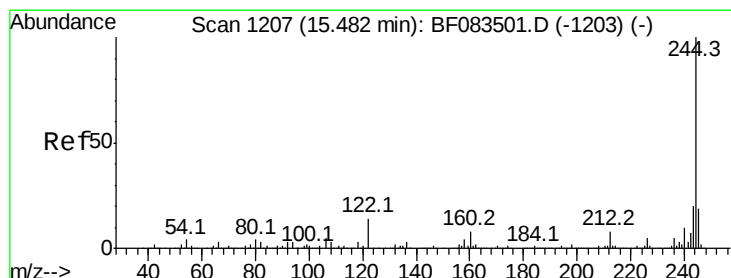
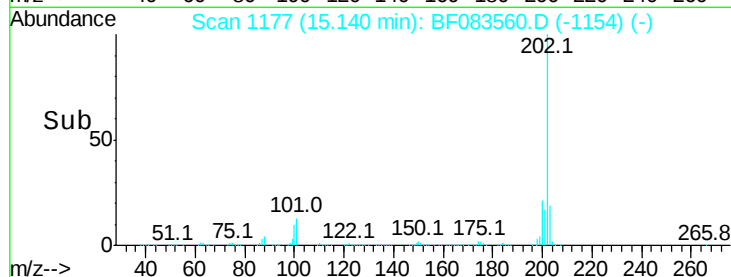
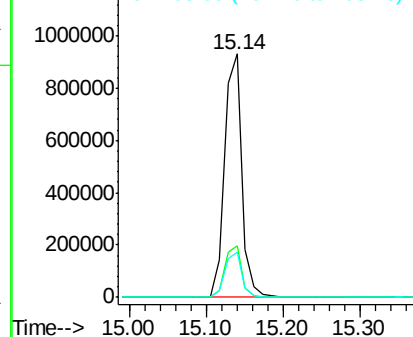
203 18.6 14.3 21.5

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



#78

Terphenyl-d14

Concen: 79.46 ng

RT: 15.45 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:244 Resp: 1592122

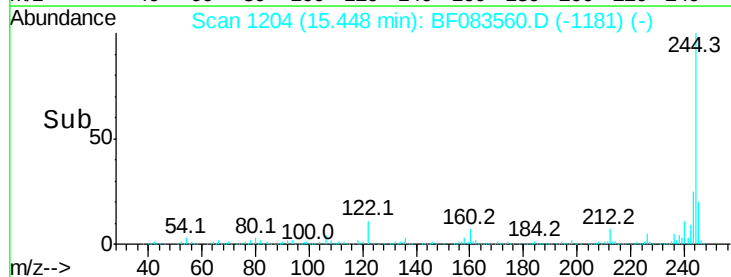
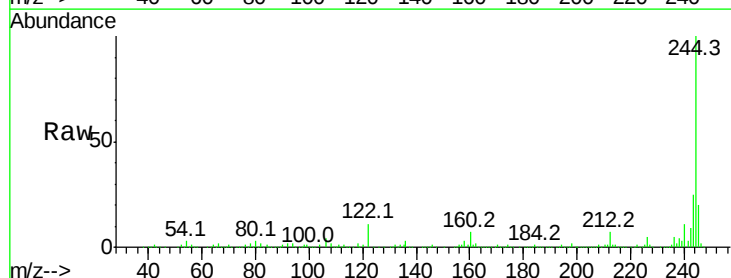
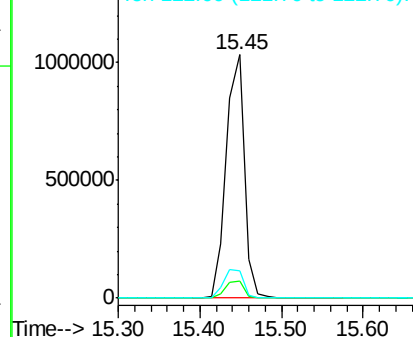
Ion Ratio Lower Upper

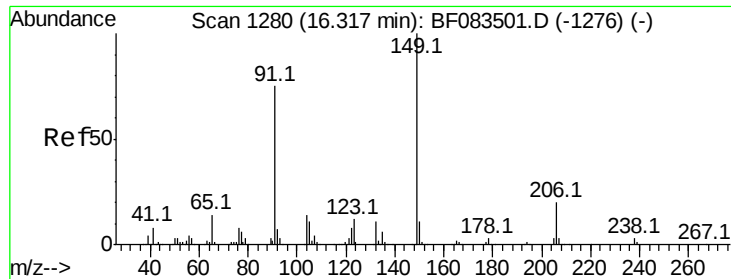
244 100

212 7.2 6.1 9.1

122 11.1 11.0 16.6

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





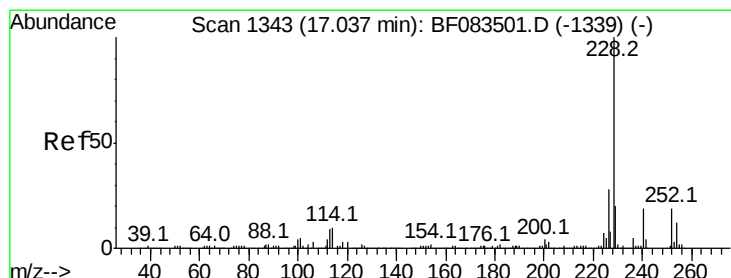
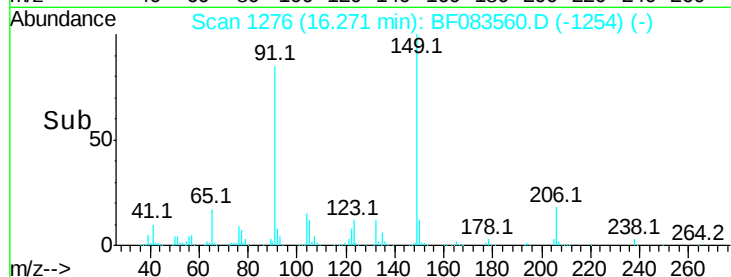
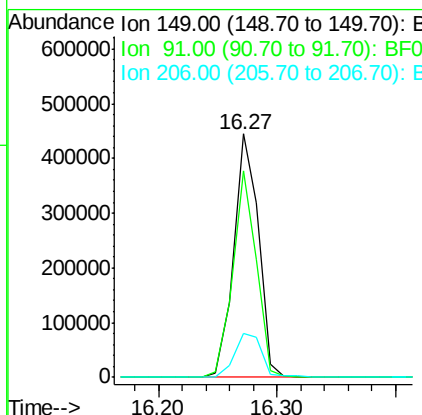
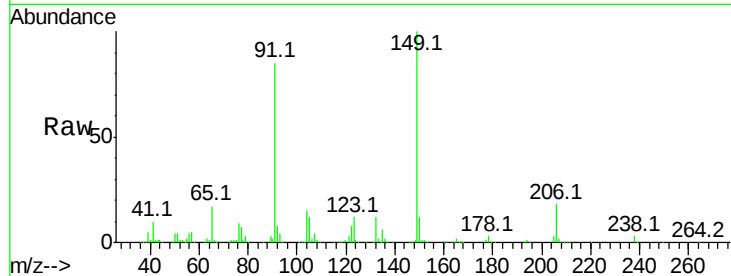
#79
 Butylbenzylphthalate
 Concen: 48.95 ng
 RT: 16.27 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion:	149	Resp:	642011
Ion Ratio	Lower	Upper	
149	100		
91	84.9	60.0	90.0
206	18.2	16.2	24.4

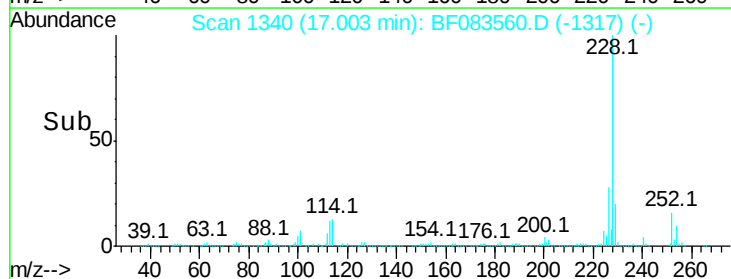
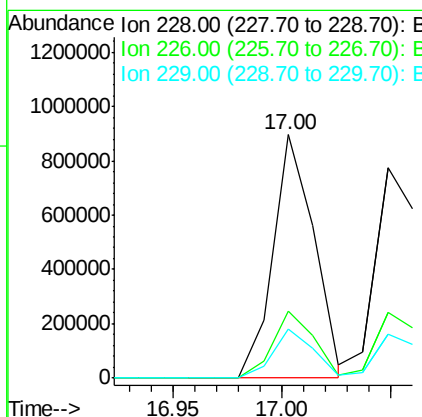
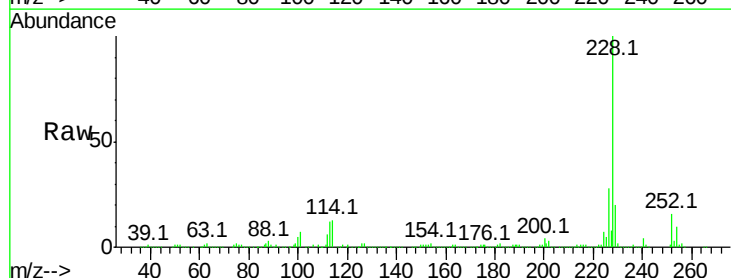
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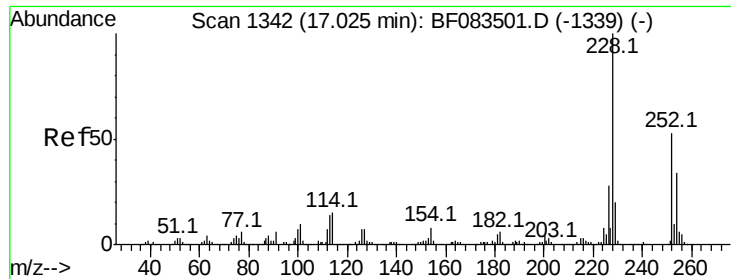
Mmdadoda
 12/8/2015 6:15:39 PM



#80
 Benzo(a)anthracene
 Concen: 45.24 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:	228	Resp:	1180211
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.3	33.5
229	20.0	15.7	23.5





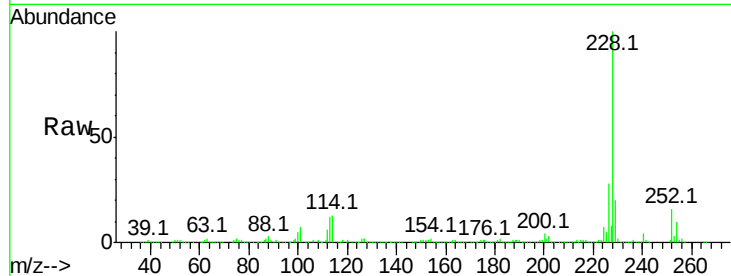
#81
 3,3'-Dichlorobenzidine
 Concen: 27.82 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

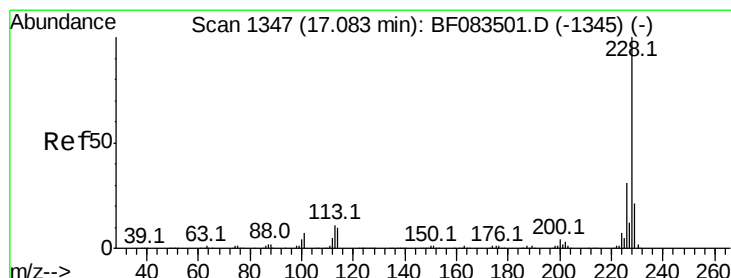
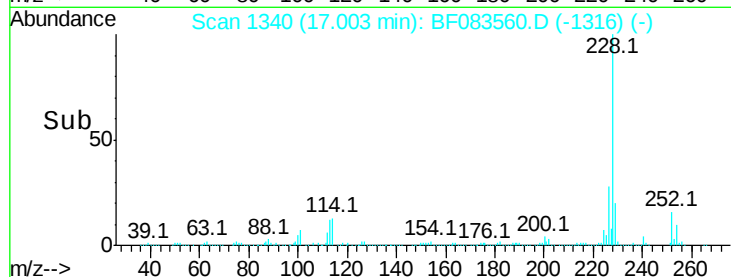
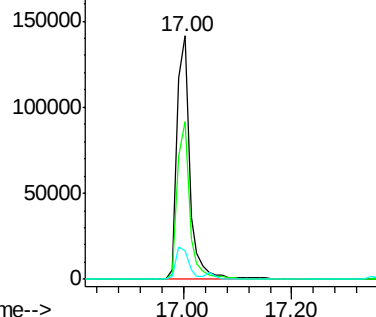
Tot Ion	Ratio	Resp	Lower	Upper
252	100	232136		
254	64.8	50.6	76.0	
126	11.9	11.0	16.4	

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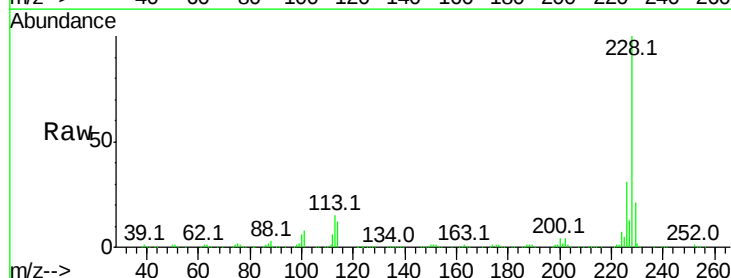


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

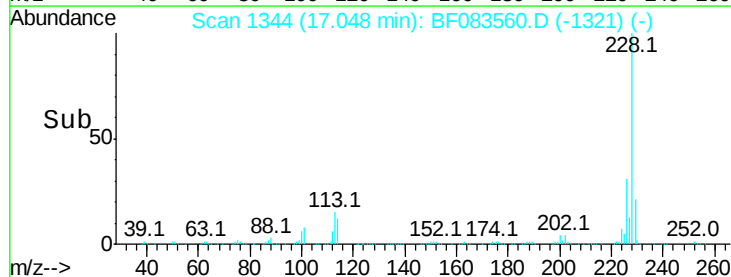
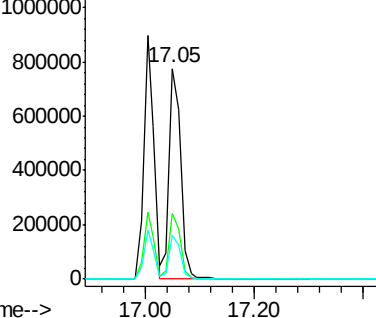


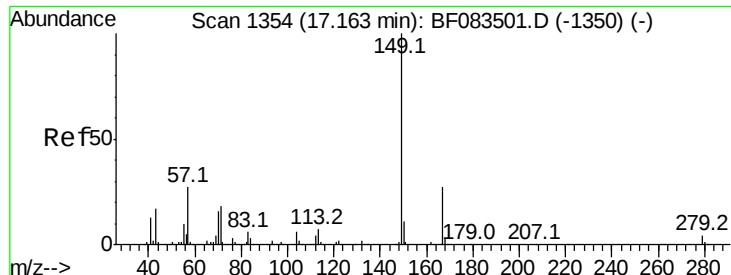
#82
 Chrysene
 Concen: 43.50 ng
 RT: 17.05 min Scan# 1344
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1130596		
226	31.5	24.7	37.1	
229	20.6	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: 48.77 ng

RT: 17.12 min Scan# 1350

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tot Ion:149 Resp: 839336

Ion Ratio Lower Upper

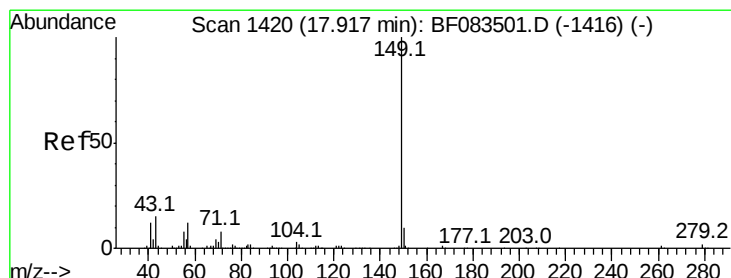
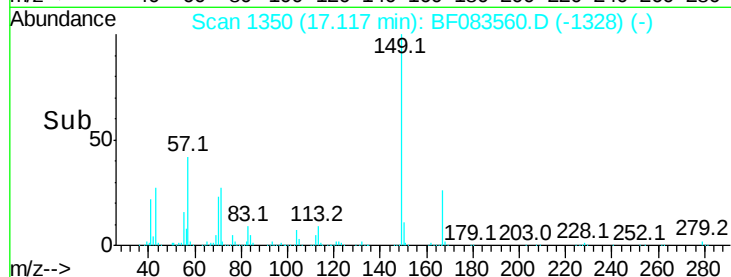
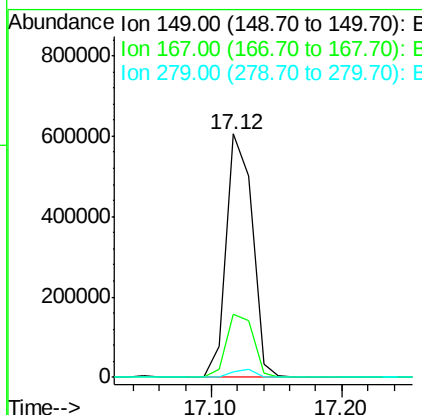
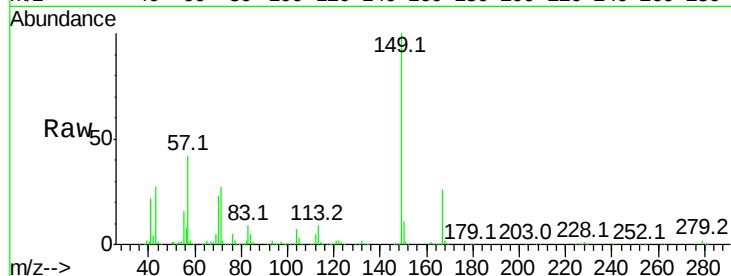
149 100

167 26.0 21.8 32.8

279 2.2 3.0 4.4#

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#84

Di-n-octyl phthalate

Concen: 52.49 ng

RT: 17.88 min Scan# 1417

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

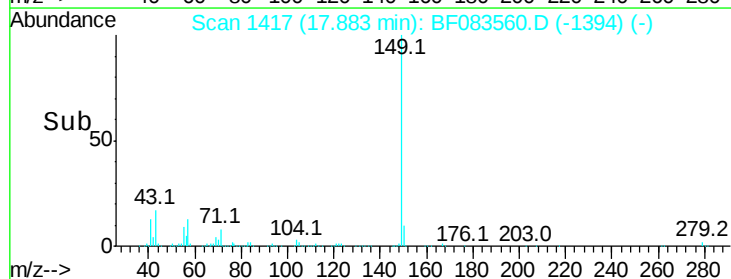
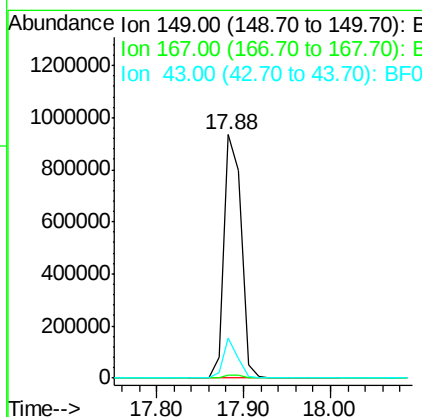
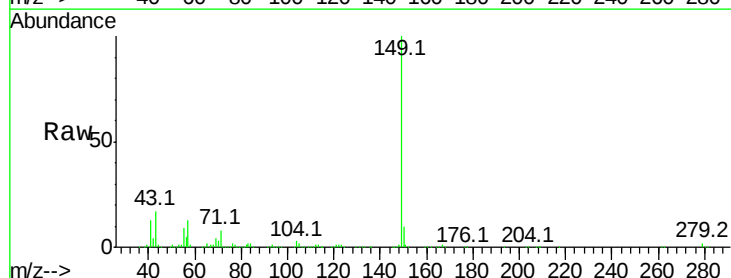
Tgt Ion:149 Resp: 1288377

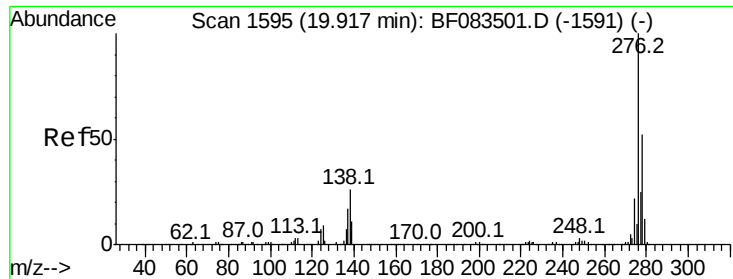
Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

43 13.5 0.0 0.0#





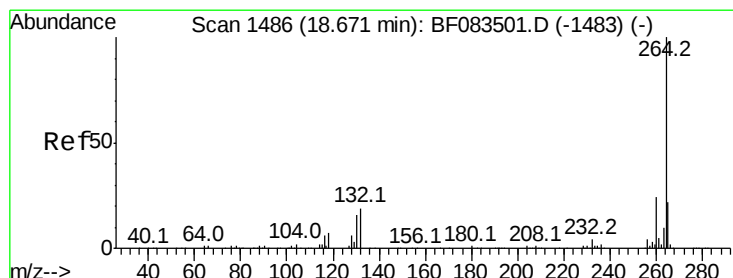
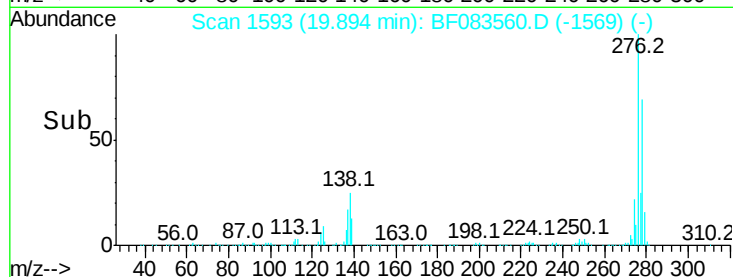
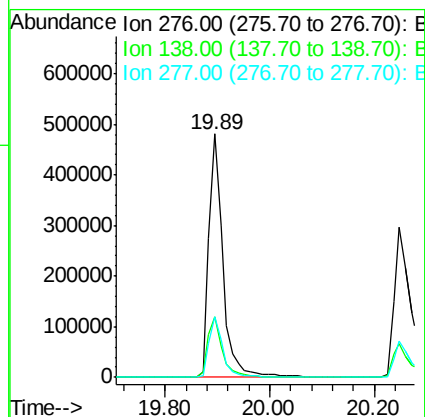
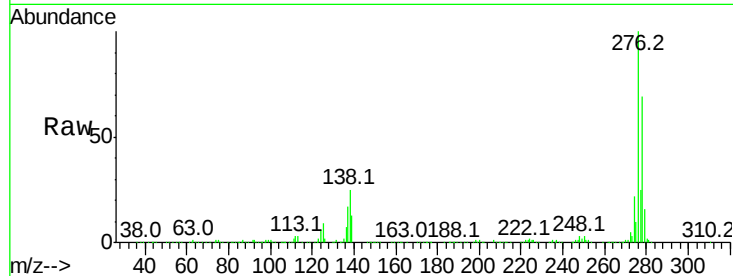
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.55 ng
RT: 19.89 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	24.5	0.0	0.0#

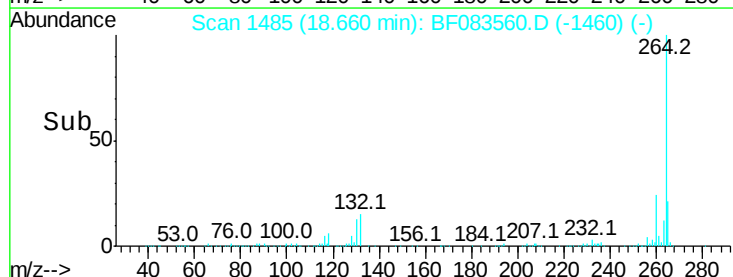
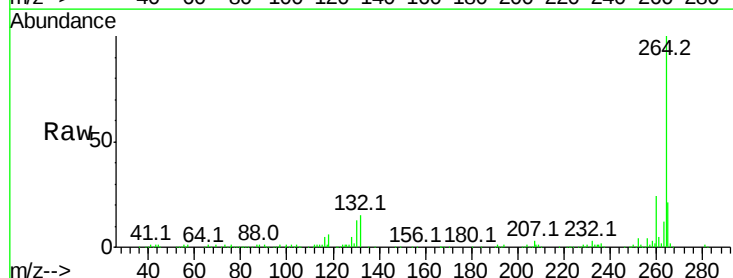
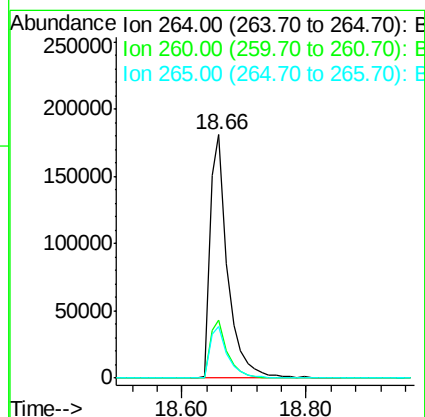
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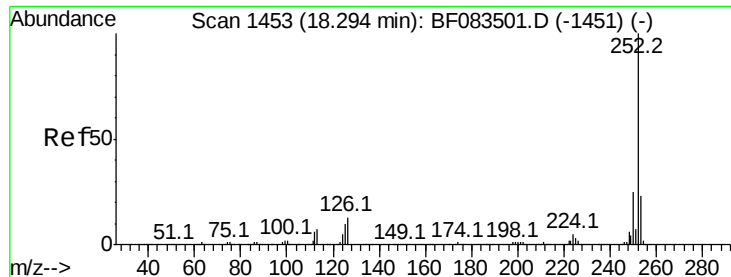
Mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 45.59 ng m

RT: 18.27 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

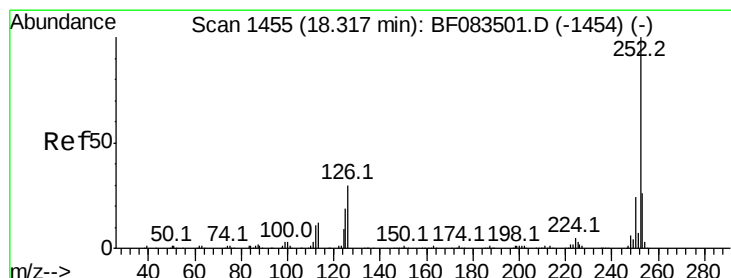
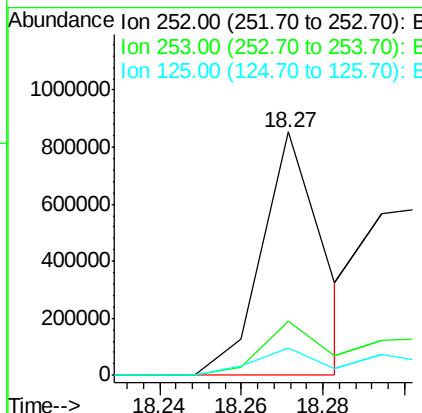
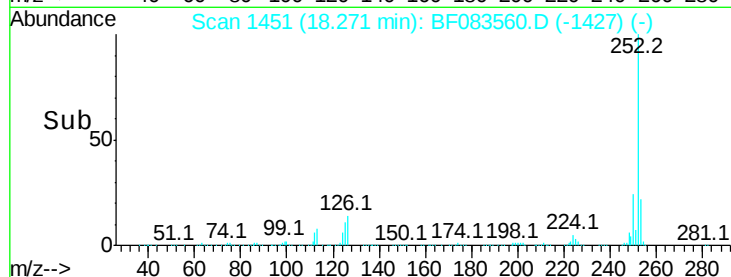
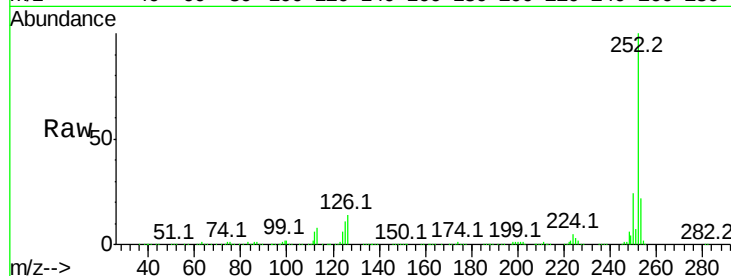
ClientSampleId :

PB87075BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.0	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 49.27 ng m

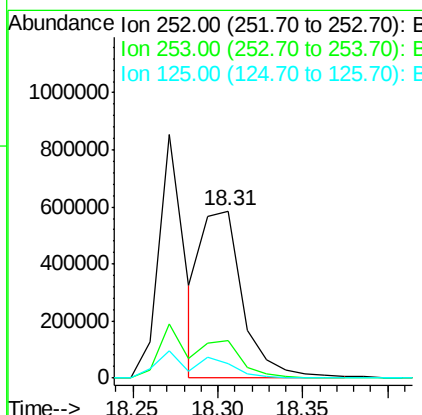
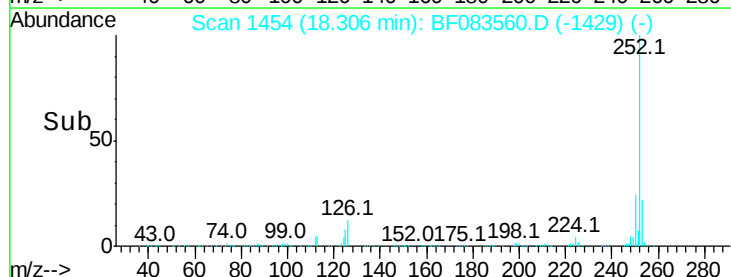
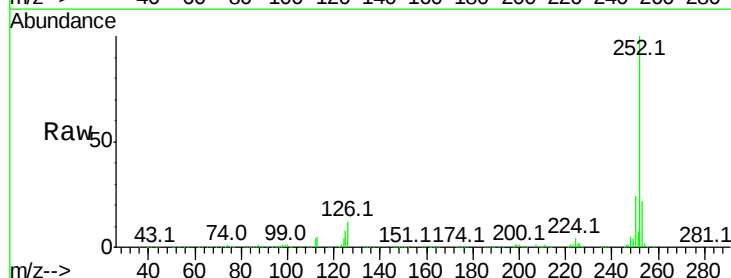
RT: 18.31 min Scan# 1454

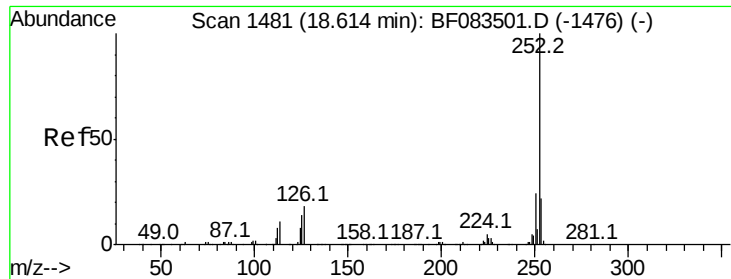
Delta R.T. -0.01 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	8.3	11.5	17.3#





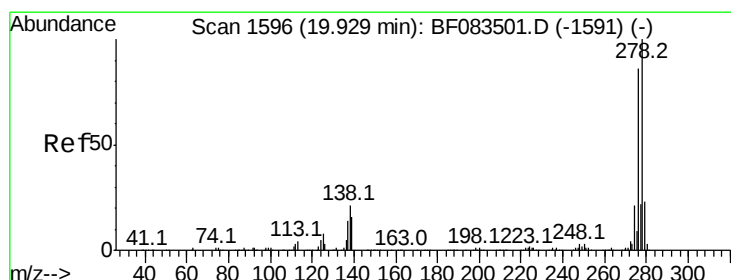
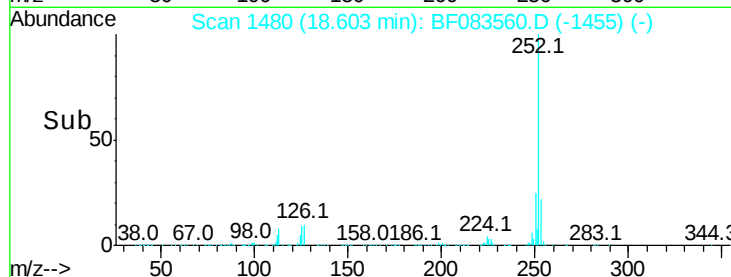
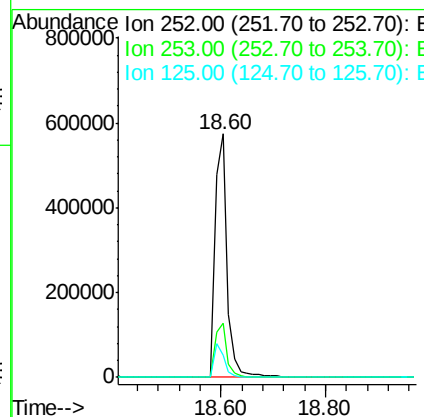
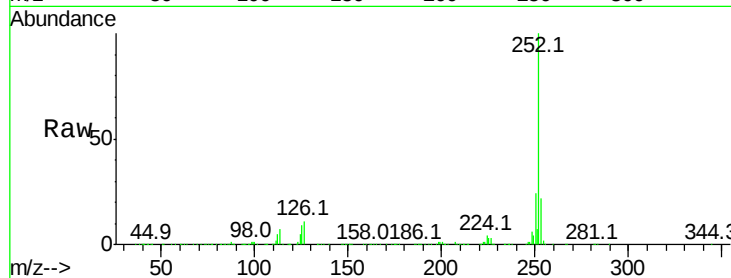
#89
Benzo(a)pyrene
Concen: 46.39 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	11.0	16.6

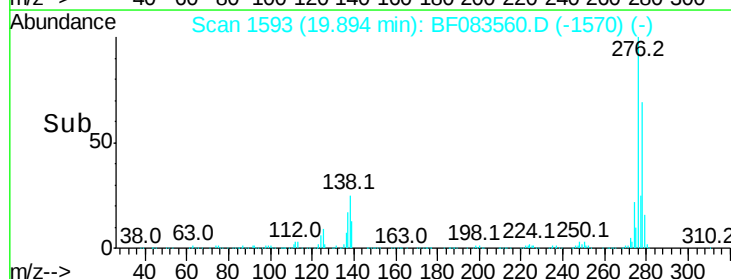
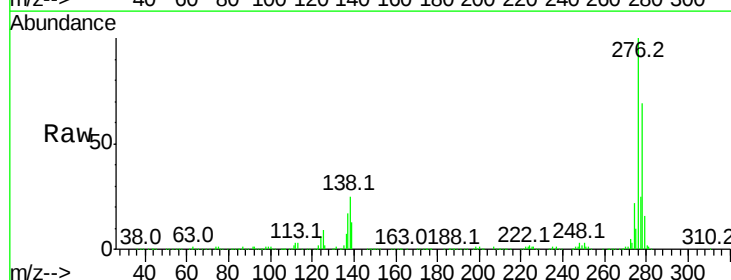
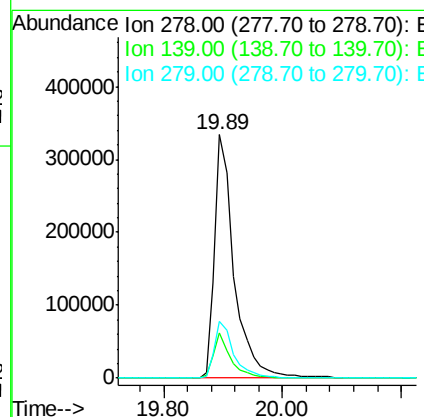
Manual Integrations
APPROVED

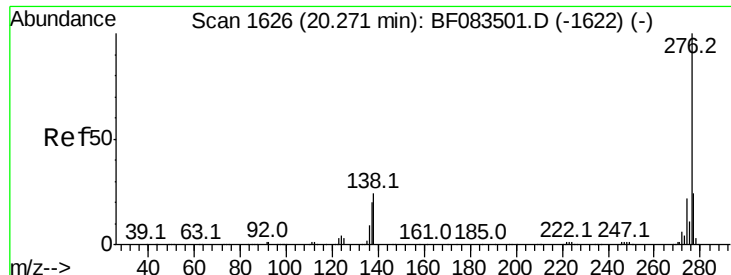
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#90
Dibenzo(a,h)anthracene
Concen: 41.57 ng
RT: 19.89 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.8	19.2
279	23.5	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 40.81 ng
 RT: 20.25 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.2	28.8
138	22.9	19.5	29.3

Manual Integrations
 APPROVED

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 12/8/2015 6:15:39 PM

