

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083358.D
 Acq On : 1 Dec 2015 3:14
 Operator : UM/IZ
 Sample : PB86903BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:08 PM

Quant Time: Dec 01 04:10:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	162700	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	637249	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	330676	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	637805	20.00	ng	0.00
75) Chrysene-d12	14.75	240	598016	20.00	ng	-0.01
86) Perylene-d12	16.82	264	471796	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1177518	108.60	ng	0.01
7) Phenol-d6	6.22	99	1625421	109.52	ng	0.00
23) Nitrobenzene-d5	7.13	82	1019278	70.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	338484	101.97	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1669113	71.93	ng	0.00
78) Terphenyl-d14	13.22	244	1694690	67.58	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	145377	24.76	ng	# 87
3) Pyridine	2.65	79	453336	30.87	ng	91
4) n-Nitrosodimethylamine	2.60	42	221394	30.63	ng	96
6) Aniline	6.21	93	401364	19.77	ng	93
8) 2-Chlorophenol	6.34	128	416890	34.86	ng	100
9) Benzaldehyde	6.09	77	226079	29.86	ng	100
10) Phenol	6.24	94	582421	32.62	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	425020	32.72	ng	98
12) 1,3-Dichlorobenzene	6.49	146	443107	33.33	ng	97
13) 1,4-Dichlorobenzene	6.57	146	452032	32.90	ng	98
14) 1,2-Dichlorobenzene	6.72	146	407547m	32.33	ng	
15) Benzyl Alcohol	6.72	79	396301	34.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	776662	34.07	ng	# 50
17) 2-Methylphenol	6.84	107	357620	35.87	ng	99
18) Hexachloroethane	7.06	117	158660	33.25	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	332427	31.34	ng	# 90
20) 3+4-Methylphenols	7.00	107	465553	34.48	ng	99
22) Acetophenone	6.97	105	585535	30.71	ng	# 93
24) Nitrobenzene	7.14	77	478315	30.90	ng	# 88
25) Isophorone	7.38	82	883719	31.47	ng	97
26) 2-Nitrophenol	7.46	139	204723	32.40	ng	94
27) 2,4-Dimethylphenol	7.53	122	358372	33.83	ng	96
28) bis(2-Chloroethoxy)methane	7.61	93	557202	34.84	ng	98
29) 2,4-Dichlorophenol	7.71	162	358754	35.21	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	349322	31.50	ng	95
31) Naphthalene	7.86	128	1148505	33.22	ng	99
32) Benzoic acid	7.66	122	230857	31.60	ng	100
33) 4-Chloroaniline	7.93	127	217555	14.60	ng	97
34) Hexachlorobutadiene	7.98	225	206482	32.79	ng	97
35) Caprolactam	8.29	113	115736m	35.95	ng	
36) 4-Chloro-3-methylphenol	8.43	107	393317	34.42	ng	96
37) 2-Methylnaphthalene	8.54	142	725262	31.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	344771	32.89	ng	98
40) Hexachlorocyclopentadiene	8.70	237	329080	66.09	ng	97

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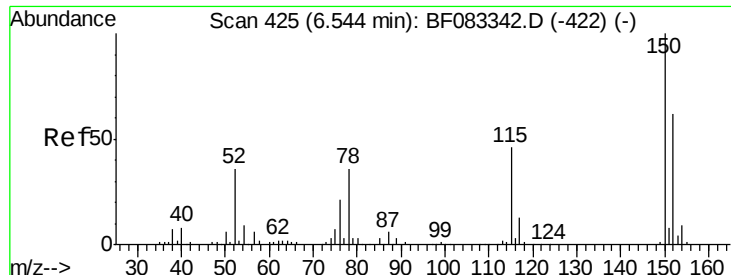
Manual Integrations
 APPROVED

Mmdadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	249018	33.87	ng	100
43) 2,4,5-Trichlorophenol	8.89	196	264429	34.71	ng	97
45) 1,1'-Biphenyl	9.01	154	873584	30.13	ng	96
46) 2-Chloronaphthalene	9.04	162	748234	33.86	ng	98
47) 2-Nitroaniline	9.14	65	267745	30.59	ng	# 75
48) Acenaphthylene	9.45	152	1181227	33.51	ng	99
49) Dimethylphthalate	9.33	163	892254	33.20	ng	99
50) 2,6-Dinitrotoluene	9.39	165	203025	35.38	ng	# 85
51) Acenaphthene	9.62	154	695940	33.57	ng	99
52) 3-Nitroaniline	9.56	138	119916	17.83	ng	81
53) 2,4-Dinitrophenol	9.66	184	218446	63.81	ng	98
54) Dibenzofuran	9.79	168	989536	32.57	ng	98
55) 4-Nitrophenol	9.76	139	295584	70.25	ng	# 62
56) 2,4-Dinitrotoluene	9.79	165	250482	34.40	ng	96
57) Fluorene	10.13	166	834092	34.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	207459	33.75	ng	95
59) Diethylphthalate	10.03	149	860981	33.61	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	389312	35.32	ng	97
61) 4-Nitroaniline	10.17	138	191066	28.39	ng	88
62) Azobenzene	10.29	77	1088988	35.19	ng	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	152165	35.53	ng	85
65) n-Nitrosodiphenylamine	10.26	169	747526	33.35	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	233295	33.44	ng	96
67) Hexachlorobenzene	10.69	284	255466	33.11	ng	# 74
68) Atrazine	10.82	200	222118	35.83	ng	99
69) Pentachlorophenol	10.92	266	283493	70.15	ng	99
70) Phenanthrene	11.15	178	1251732	33.16	ng	100
71) Anthracene	11.22	178	1335183	35.14	ng	99
72) Carbazole	11.41	167	1188669	34.82	ng	99
73) Di-n-butylphthalate	11.86	149	1380771	34.13	ng	99
74) Fluoranthene	12.66	202	1330532	34.01	ng	98
76) Benzidine	12.87	184	433008	24.31	ng	99
77) Pyrene	12.97	202	1359798	32.56	ng	97
79) Butylbenzylphthalate	13.96	149	591444	33.38	ng	96
80) Benzo(a)anthracene	14.74	228	1220774	33.32	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	267710	23.39	ng	99
82) Chrysene	14.80	228	1134084	32.04	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	816321	34.35	ng	98
84) Di-n-octyl phthalate	15.85	149	1329271	37.56	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	845113	32.78	ng	100
87) Benzo(b)fluoranthene	16.31	252	1084853	35.84	ng	98
88) Benzo(k)fluoranthene	16.35	252	895879	31.34	ng	97
89) Benzo(a)pyrene	16.75	252	924196	35.54	ng	98
90) Dibenzo(a,h)anthracene	18.23	278	725253	32.01	ng	97
91) Benzo(g,h,i)perylene	18.57	276	692000	31.12	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083358.D

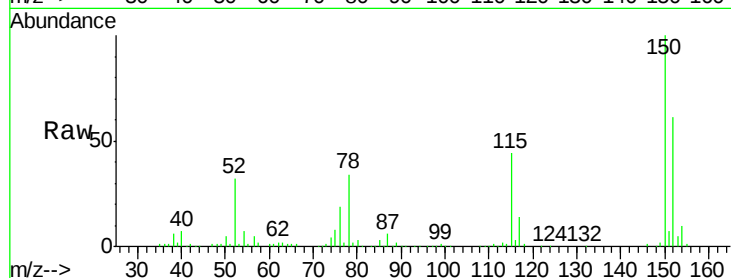
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS



Tgt Ion: 152 Resp: 162700

Ion Ratio Lower Upper

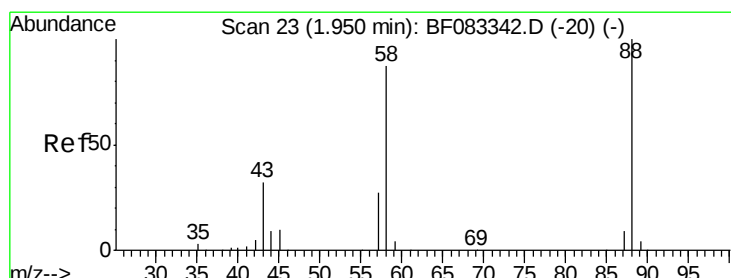
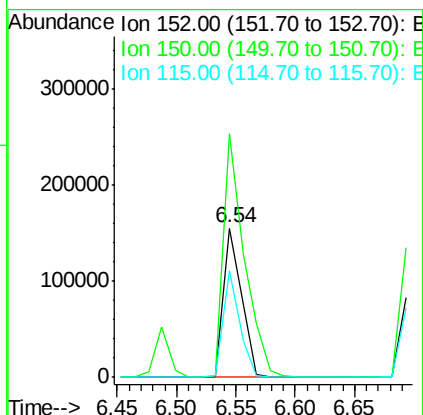
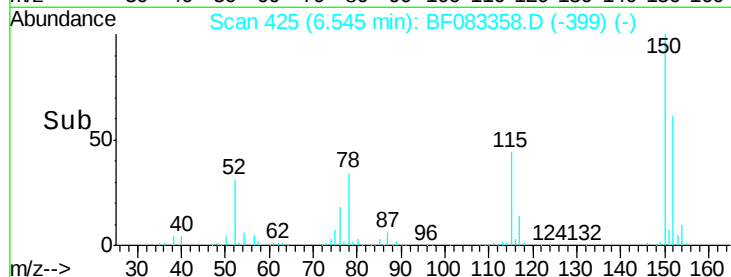
152 100

150 163.5 129.8 194.8

115 71.6 59.2 88.8

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#2

1,4-Dioxane

Concen: 24.76 ng

RT: 2.04 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

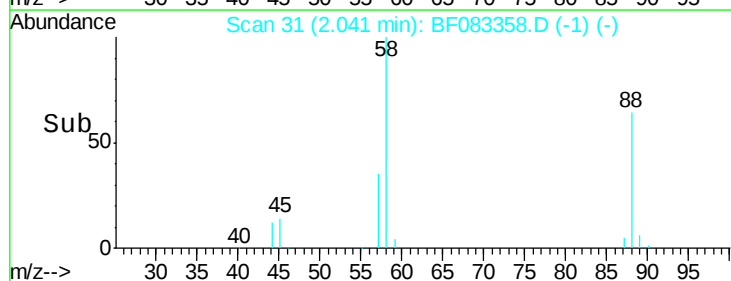
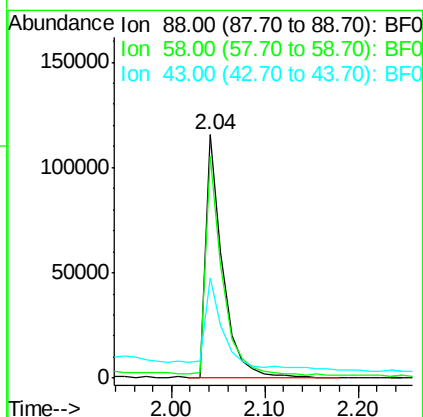
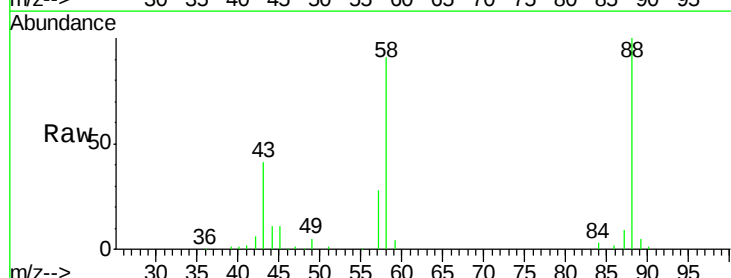
Tgt Ion: 88 Resp: 145377

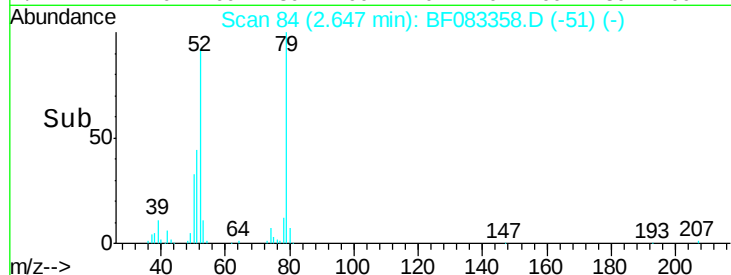
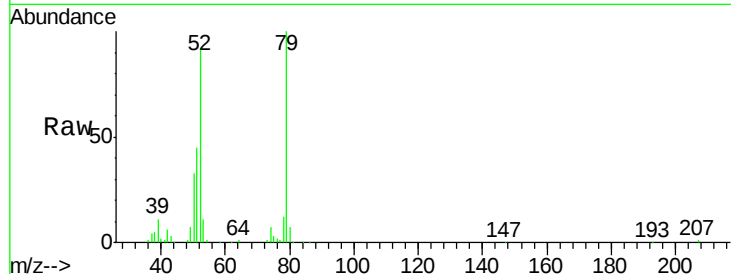
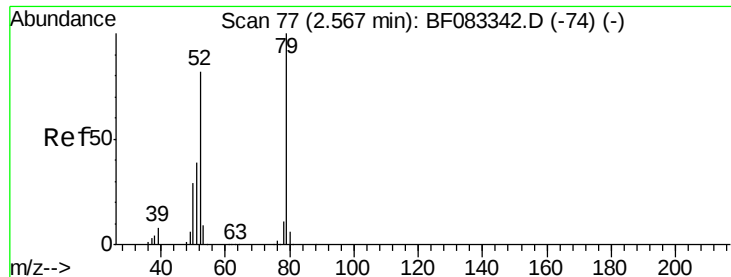
Ion Ratio Lower Upper

88 100

58 92.0 66.6 100.0

43 45.2 27.1 40.7#





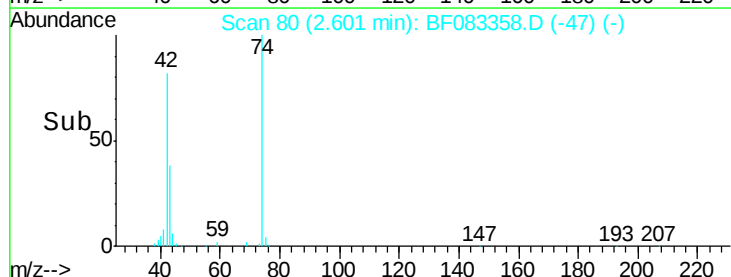
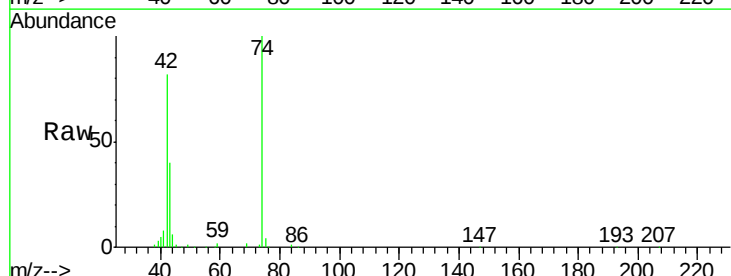
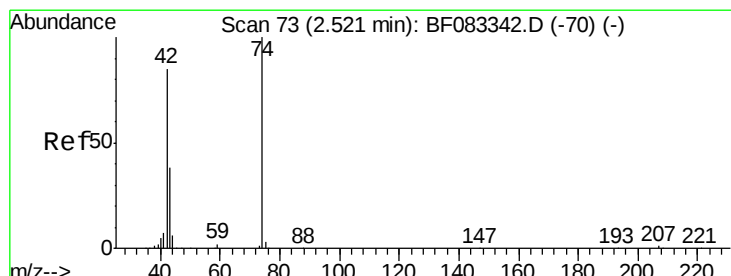
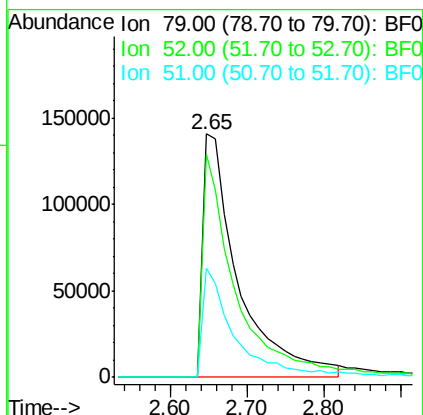
#3
 Pyridine
 Concen: 30.87 ng
 RT: 2.65 min Scan# 84
 Delta R.T. 0.08 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	453336		
52	91.6	65.9	98.9	
51	44.7	32.3	48.5	

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 PB86903BS

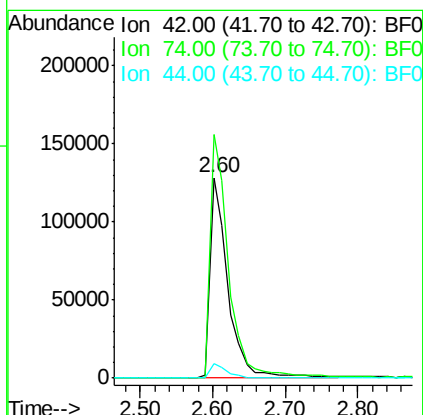
Manual Integrations
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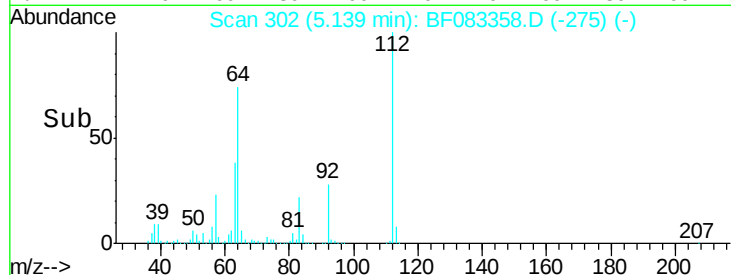
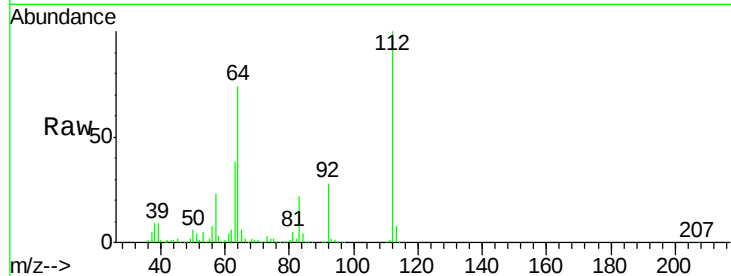
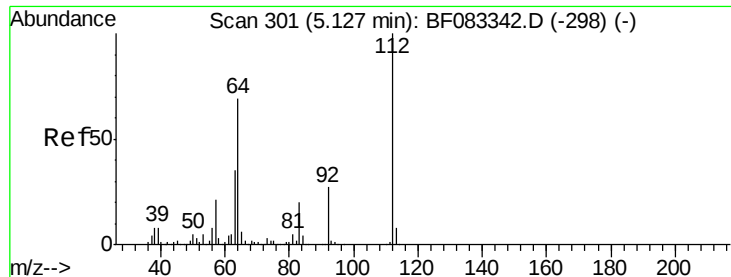
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#4
 n-Nitrosodimethylamine
 Concen: 30.63 ng
 RT: 2.60 min Scan# 80
 Delta R.T. 0.08 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	221394		
74	121.5	93.7	140.5	
44	7.2	5.6	8.4	





#5

2-Fluorophenol

Concen: 108.60 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	112	Resp:	1177518
Ion Ratio	Lower	Upper	
112	100		
64	74.3	55.6	83.4
63	37.6	28.2	42.2

Instrument :

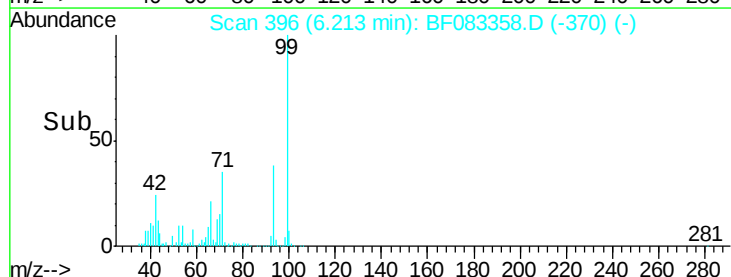
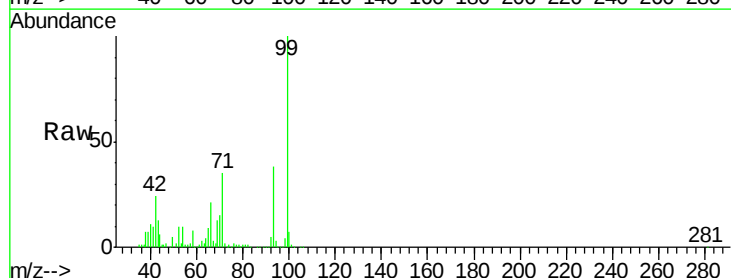
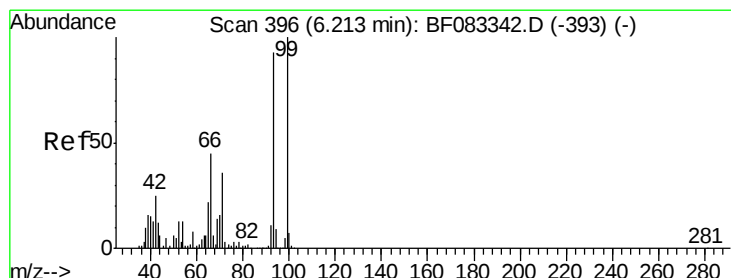
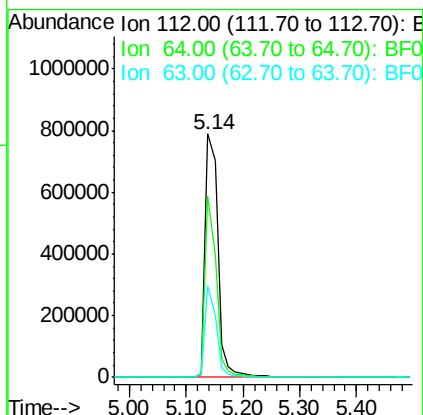
BNA_F

ClientSampleId :

PB86903BS

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#6

Aniline

Concen: 19.77 ng

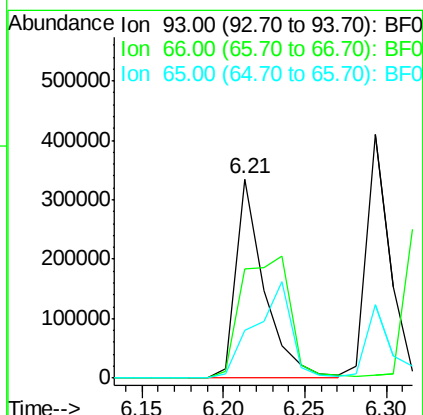
RT: 6.21 min Scan# 396

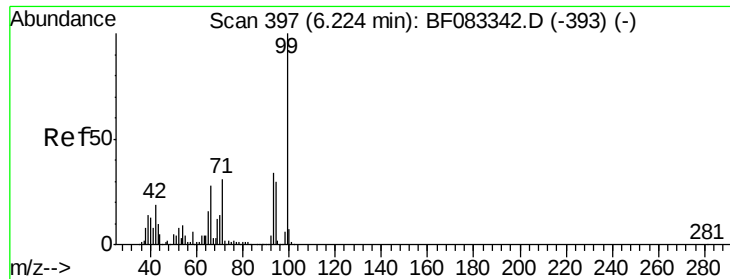
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	93	Resp:	401364
Ion Ratio	Lower	Upper	
93	100		
66	54.8	38.7	58.1
65	24.2	19.0	28.6





#7

Phenol-d6

Concen: 109.52 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

Tgt Ion: 99 Resp: 1625421

Ion Ratio Lower Upper

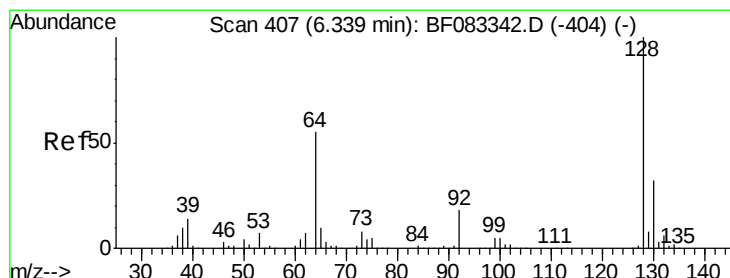
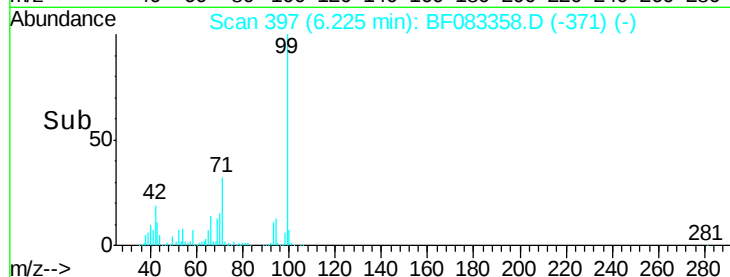
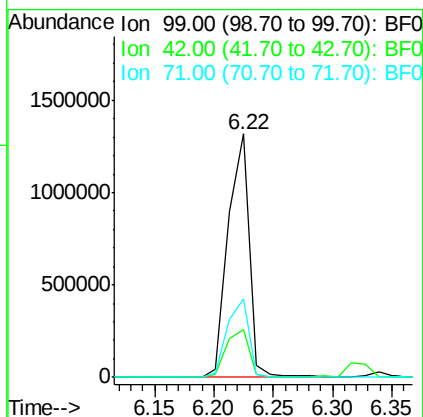
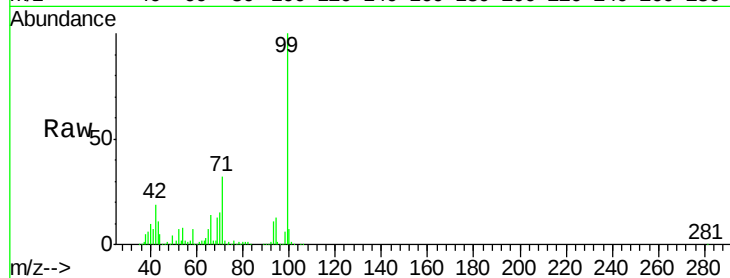
99 100

42 19.5 14.9 22.3

71 32.2 24.7 37.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 34.86 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

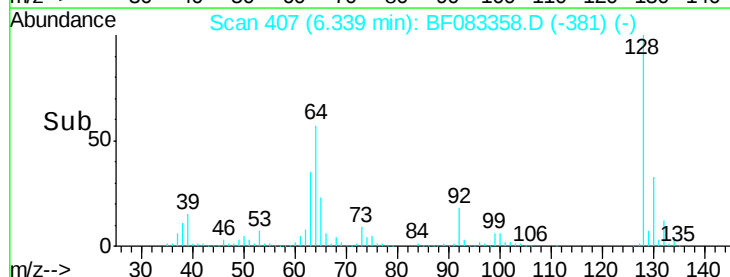
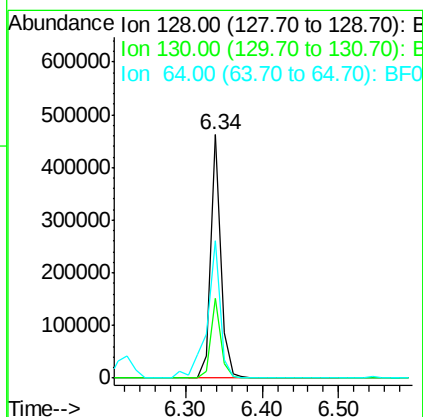
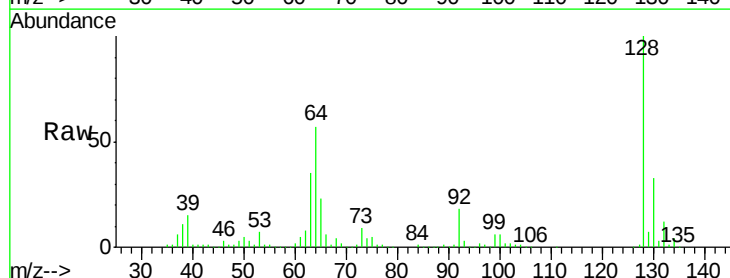
Tgt Ion: 128 Resp: 416890

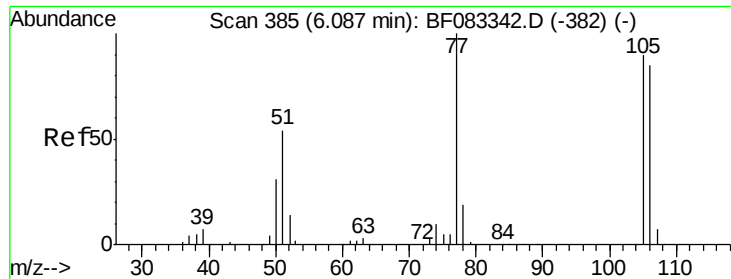
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 56.6 36.4 76.4





#9

Benzaldehyde

Concen: 29.86 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083358.D

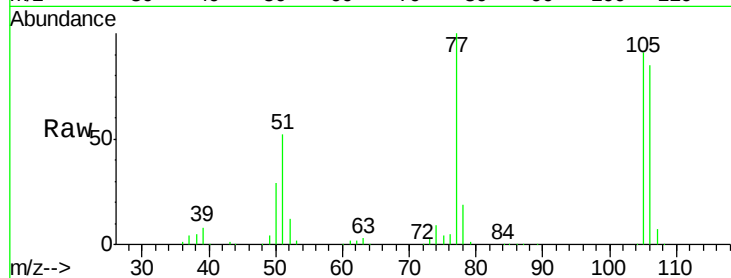
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS



Tgt Ion: 77 Resp: 226079

Ion Ratio Lower Upper

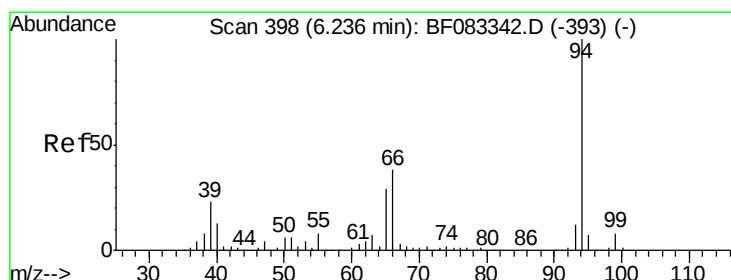
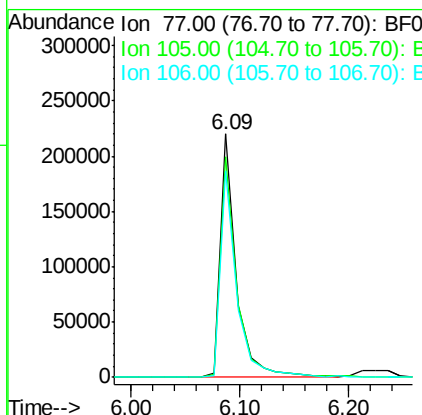
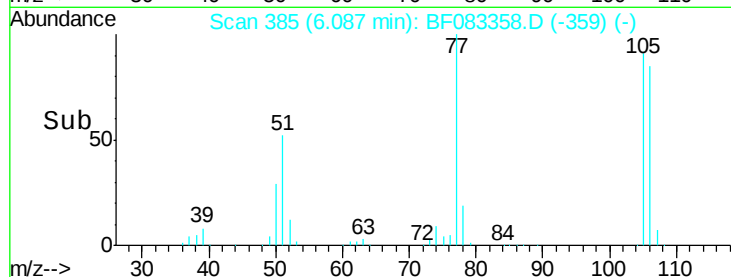
77 100

105 90.5 70.0 110.0

106 84.9 65.0 105.0

Manual Integrations
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#10

Phenol

Concen: 32.62 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

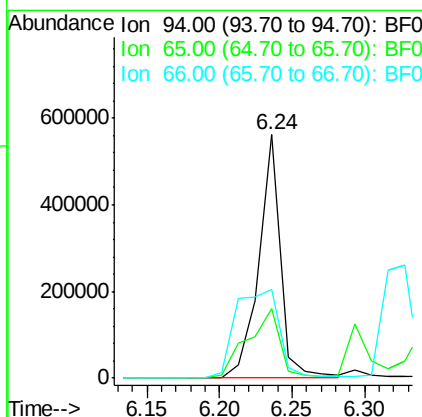
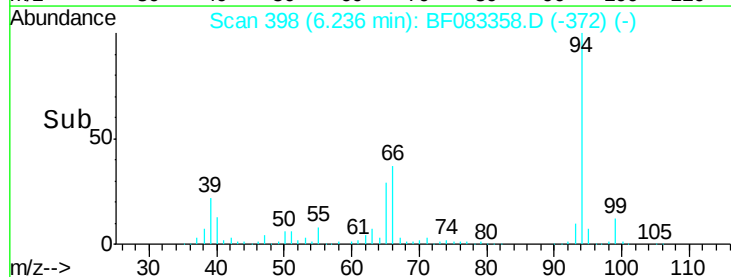
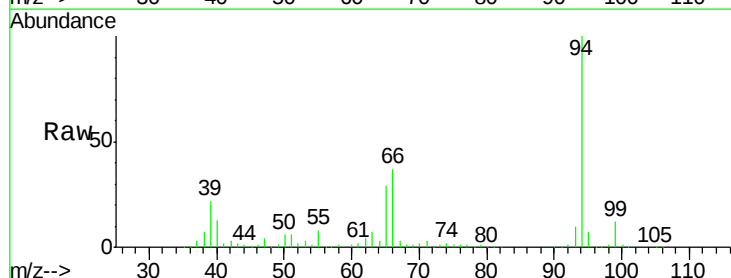
Tgt Ion: 94 Resp: 582421

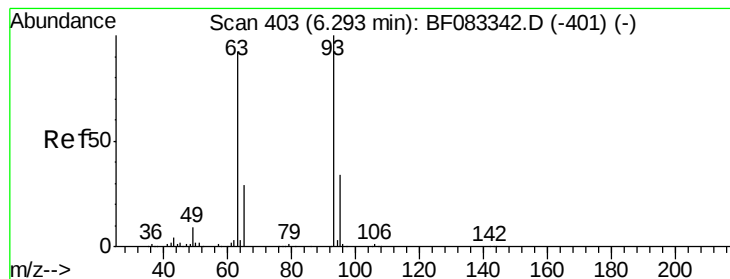
Ion Ratio Lower Upper

94 100

65 28.7 9.5 49.5

66 36.7 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 32.72 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

Tgt Ion: 93 Resp: 425020

Ion Ratio Lower Upper

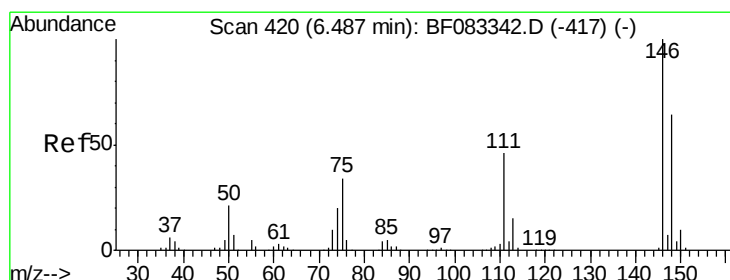
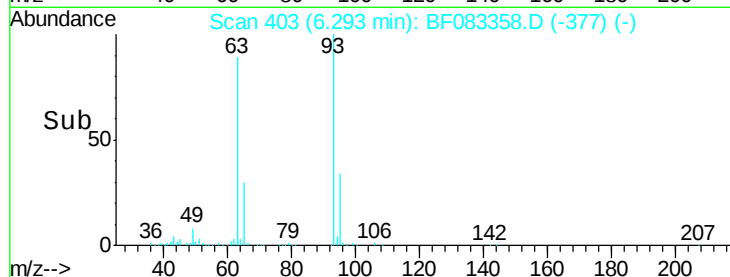
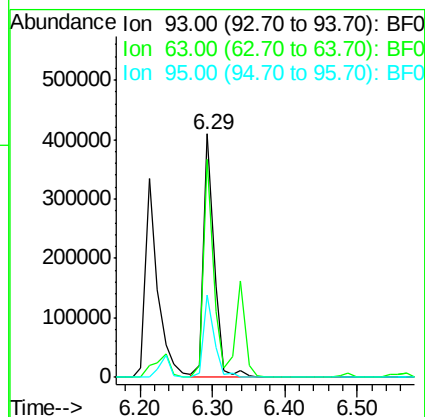
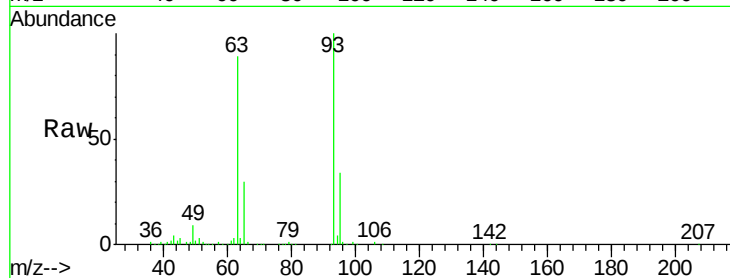
93 100

63 89.3 71.4 111.4

95 33.7 13.4 53.4

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#12

1,3-Dichlorobenzene

Concen: 33.33 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

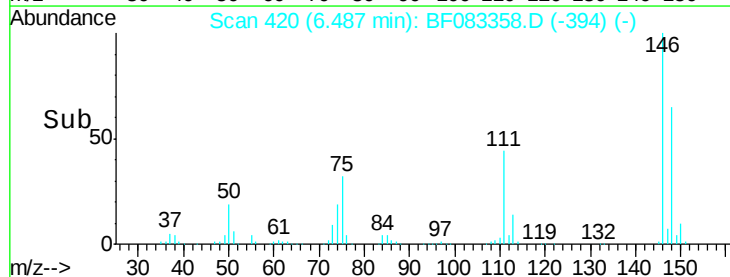
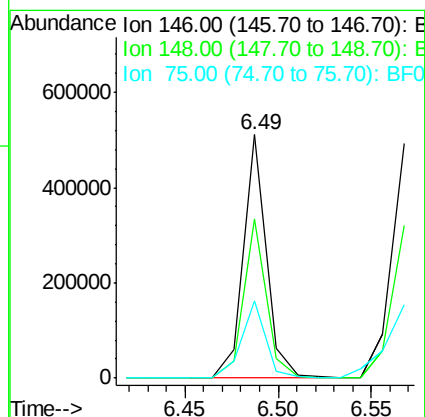
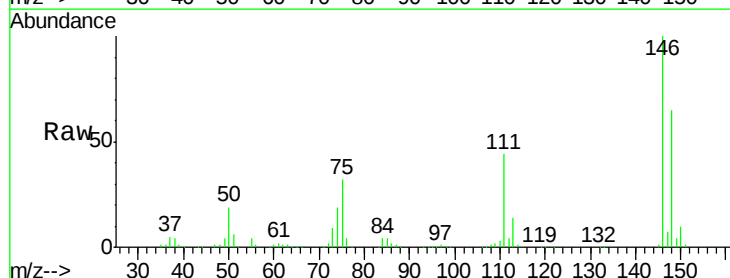
Tgt Ion: 146 Resp: 443107

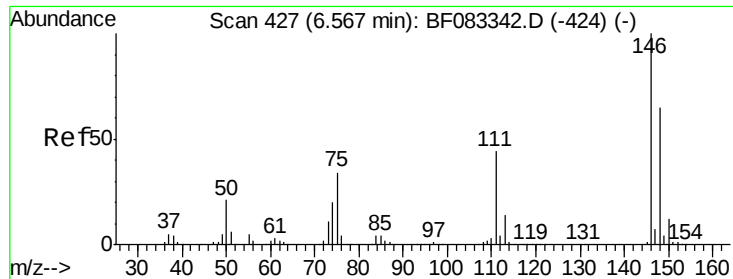
Ion Ratio Lower Upper

146 100

148 65.4 51.1 76.7

75 31.7 27.5 41.3





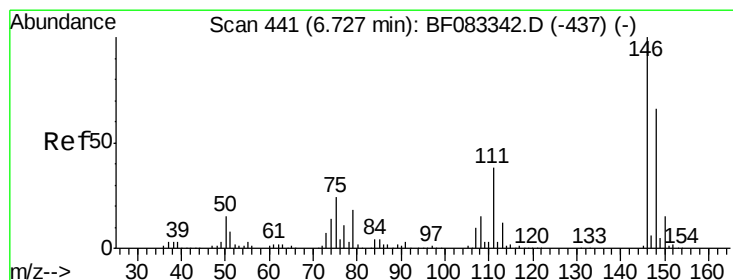
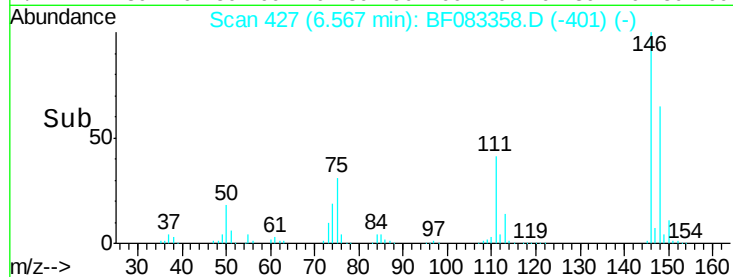
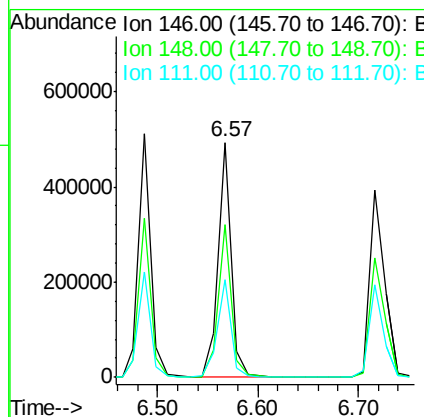
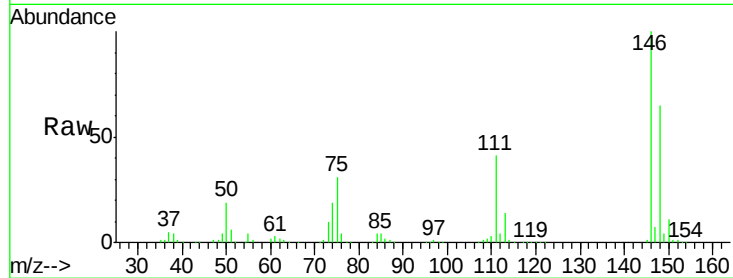
#13
 1,4-Dichlorobenzene
 Concen: 32.90 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
111	41.3	35.4	53.0

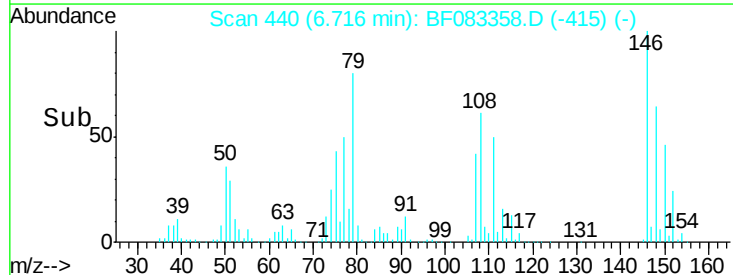
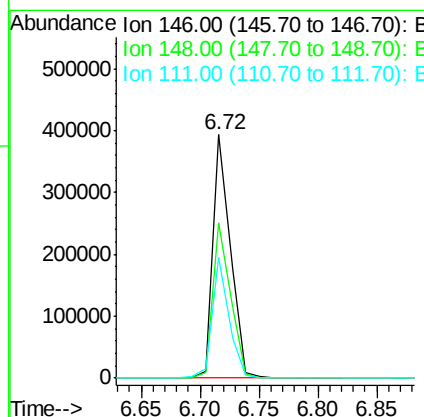
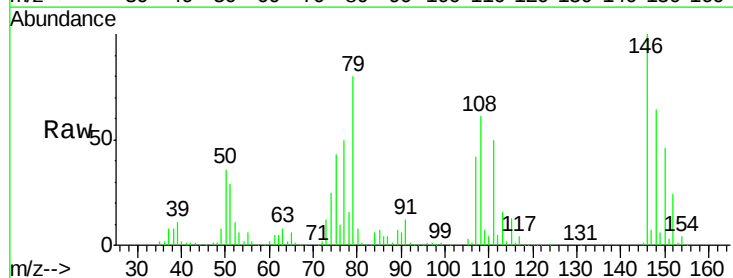
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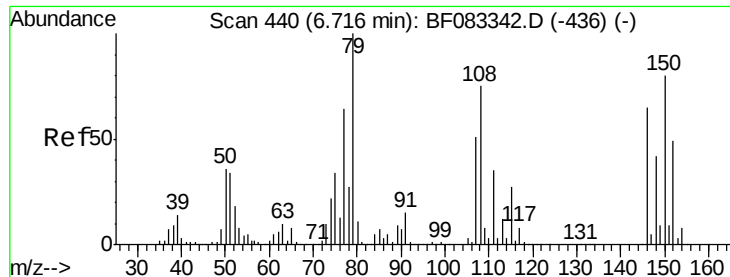
Mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 32.33 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.5	78.7
111	49.6	30.6	46.0#





#15

Benzyl Alcohol

Concen: 34.55 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

Tgt Ion: 79 Resp: 396301

Ion Ratio Lower Upper

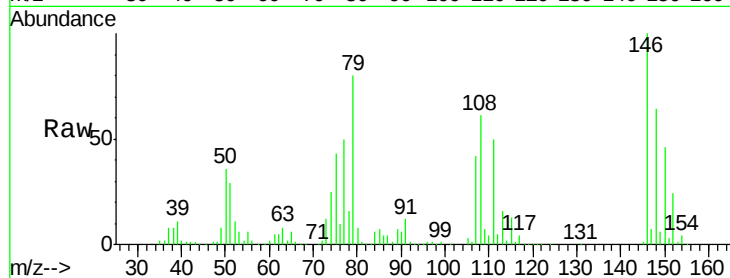
79 100

108 76.7 59.9 89.9

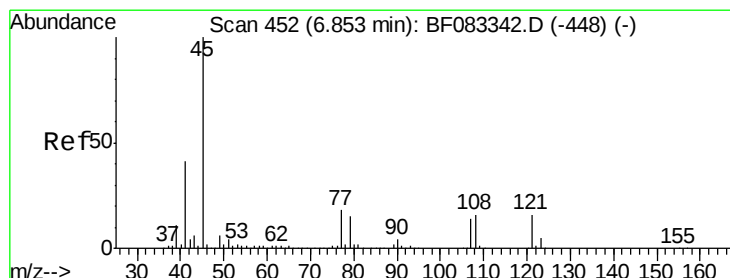
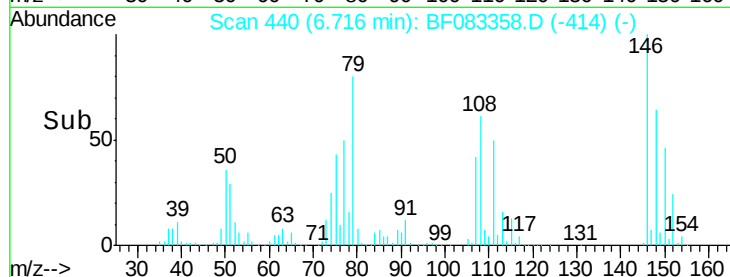
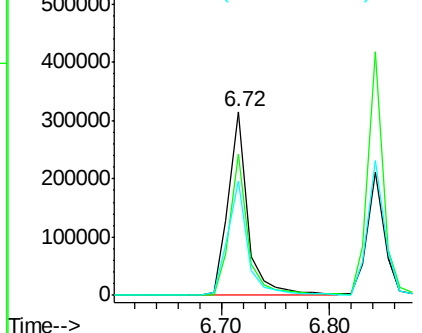
77 62.0 51.0 76.6

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.07 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

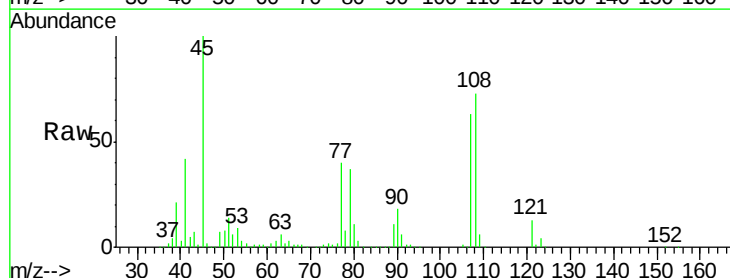
Tgt Ion: 45 Resp: 776662

Ion Ratio Lower Upper

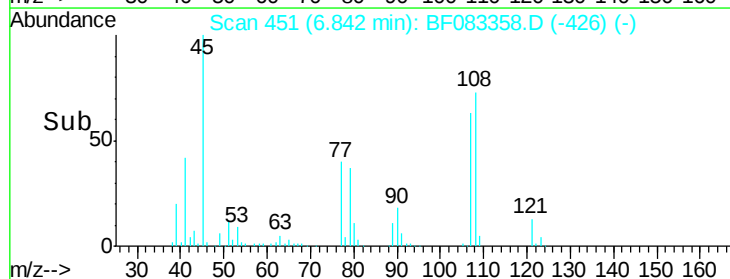
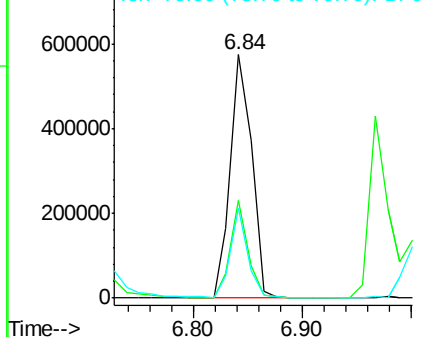
45 100

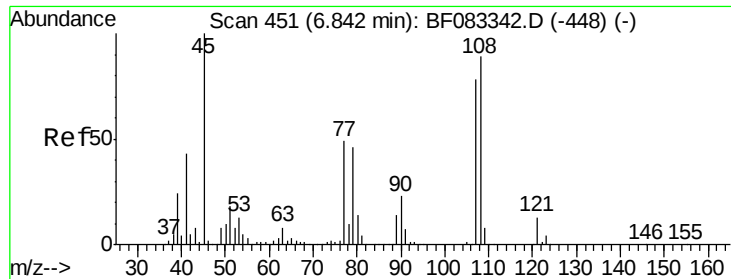
77 40.3 0.0 38.3#

79 36.9 0.0 35.4#



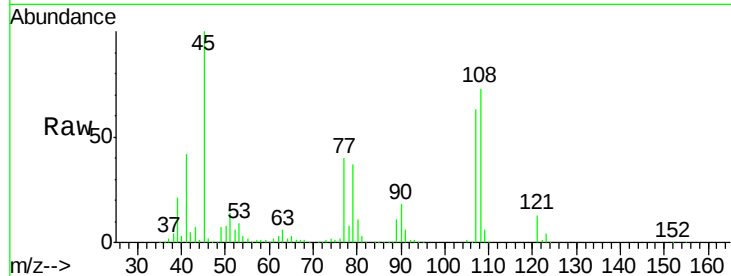
Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 35.87 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

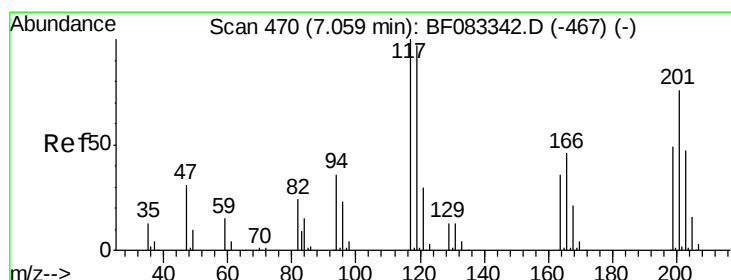
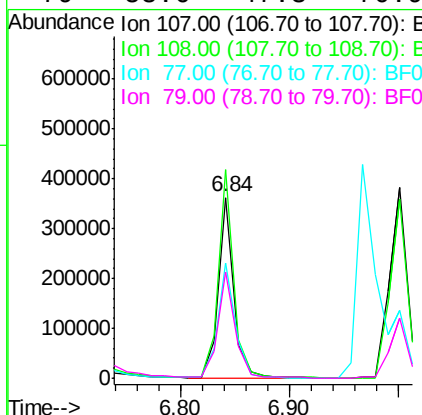
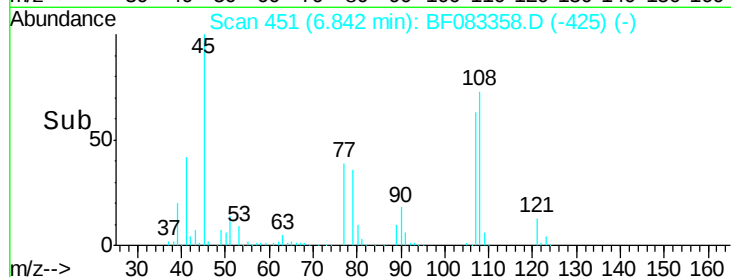
Instrument :
BNA_F
ClientSampleId :
PB86903BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	357620		
108	115.5	91.6	137.4	
77	63.9	49.9	74.9	
79	58.6	47.3	70.9	

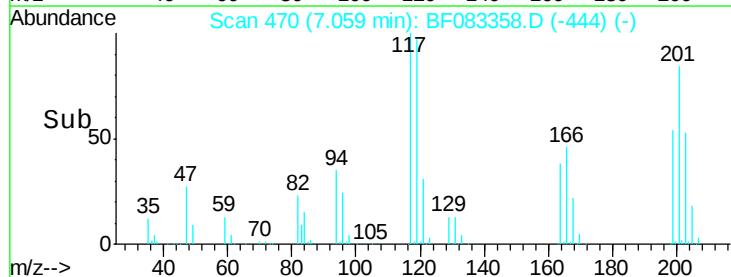
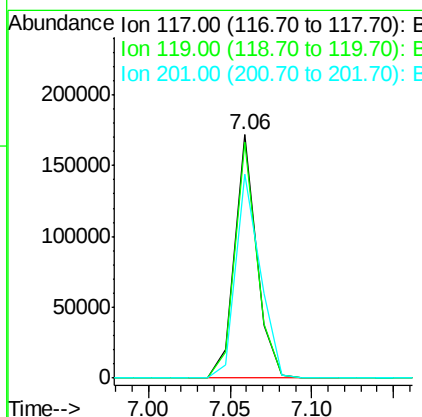
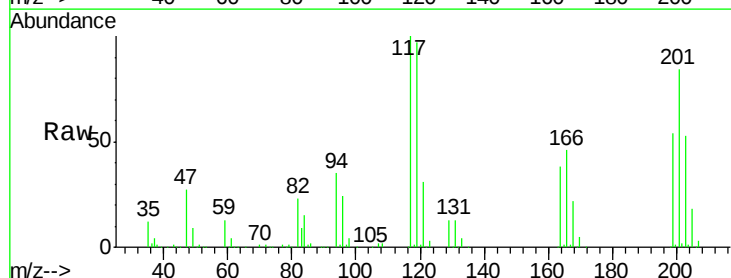
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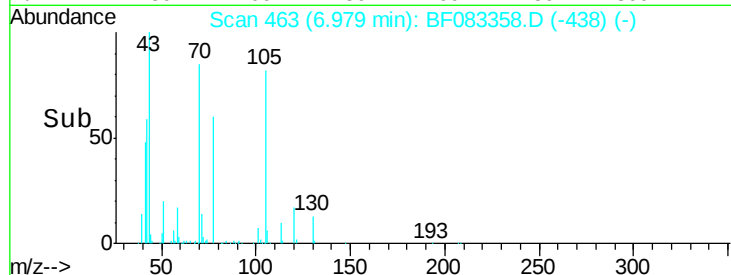
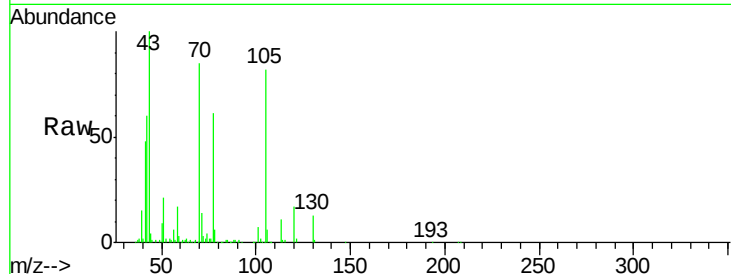
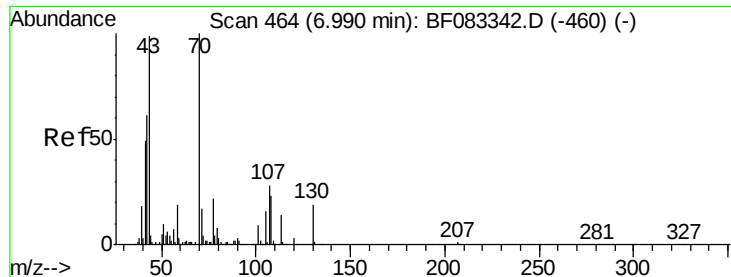
Mmdadoda
12/1/2015 6:35:08 PM



#18
Hexachloroethane
Concen: 33.25 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	158660		
119	96.7	77.3	115.9	
201	83.7	60.6	90.8	





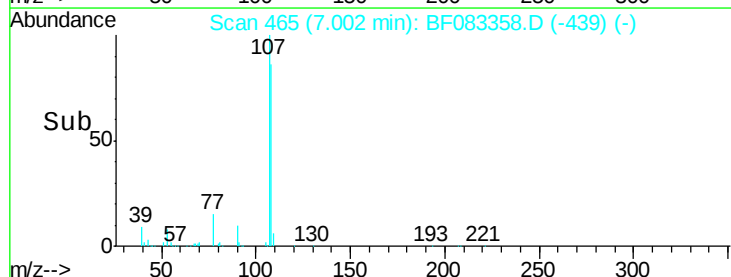
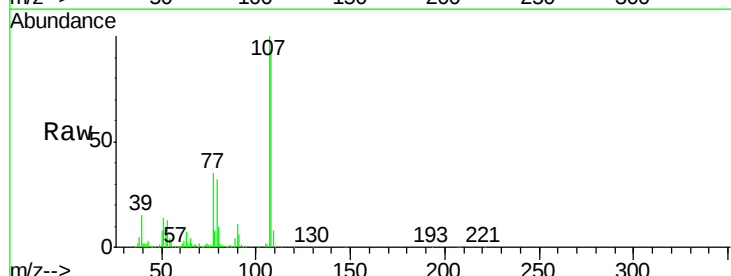
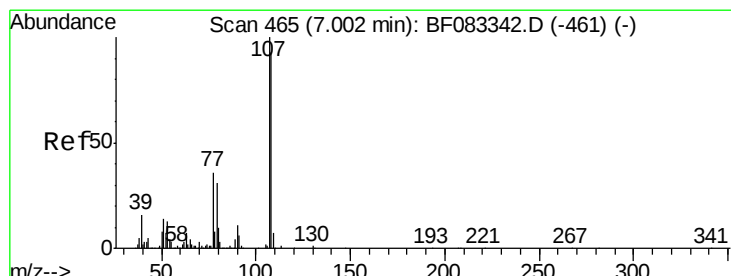
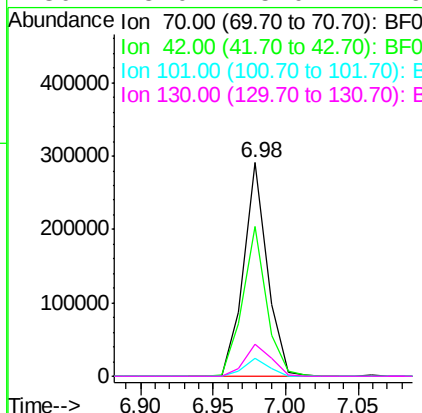
#19
n-Nitroso-di-n-propylamine
Concen: 31.34 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

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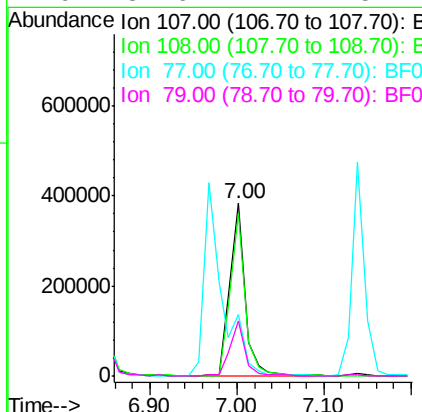
Mmdadoda
12/1/2015 6:35:08 PM

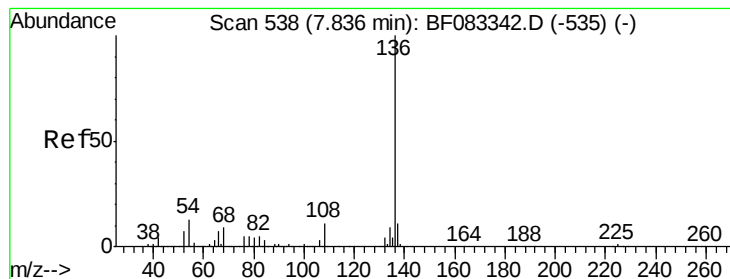
Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.3	48.8	73.2
101	8.2	7.1	10.7
130	15.0	15.0	22.6



#20
3+4-Methylphenols
Concen: 34.48 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	73.0	113.0
77	35.4	16.8	56.8
79	31.6	11.4	51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

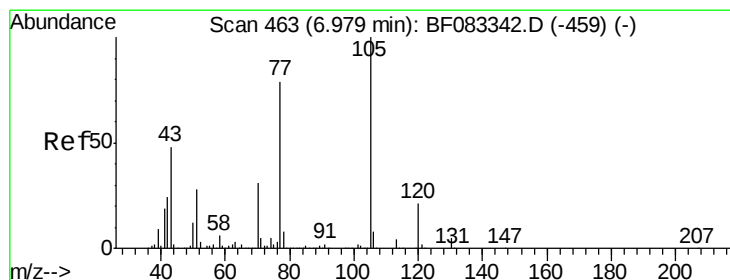
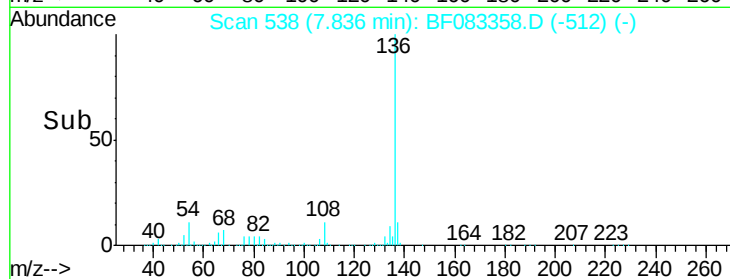
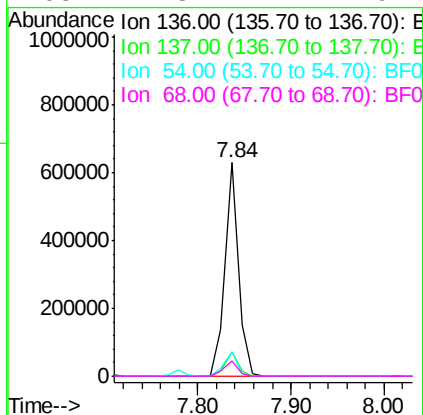
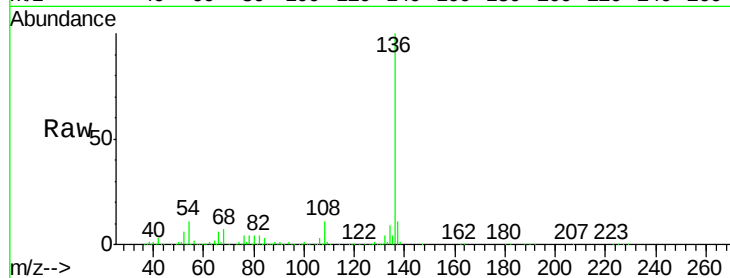
ClientSampleId :

PB86903BS

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	637249		
137	11.2	9.0	13.4	
54	11.3	10.1	15.1	
68	7.3	7.1	10.7	



#22

Acetophenone

Concen: 30.71 ng

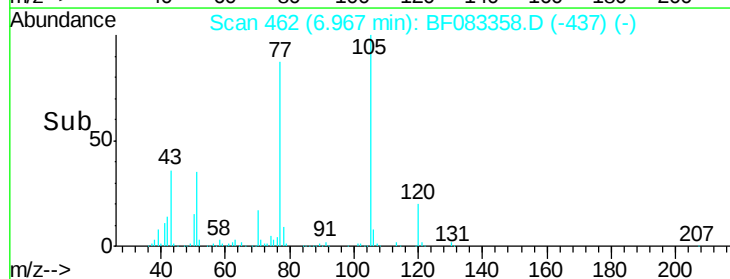
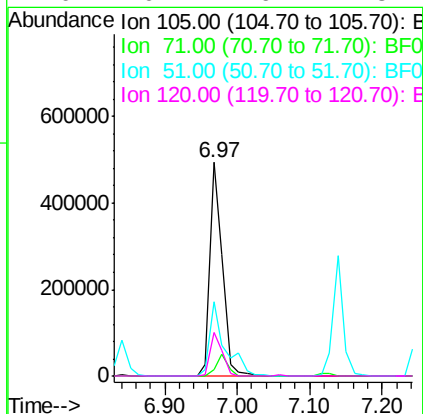
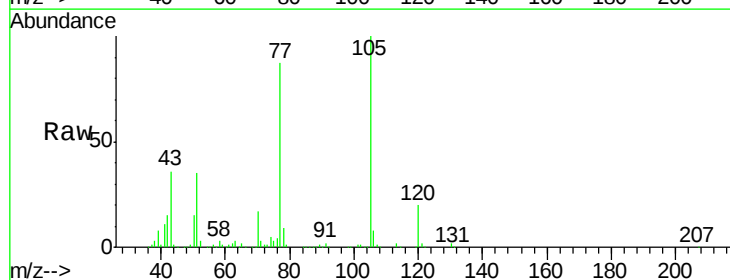
RT: 6.97 min Scan# 462

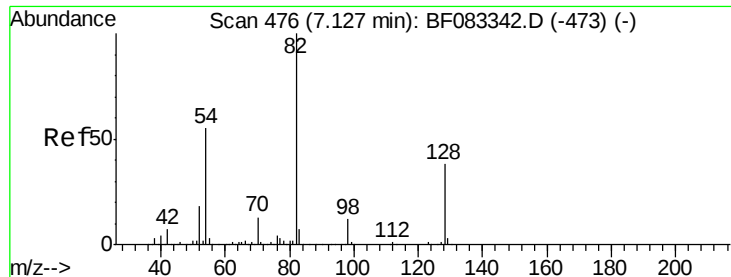
Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	585535		
71	3.1	4.3	6.5#	
51	34.7	22.9	34.3#	
120	20.2	16.7	25.1	





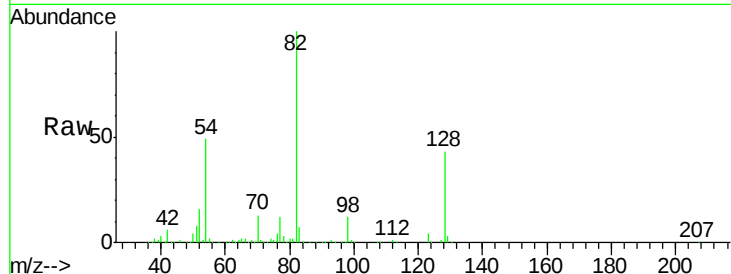
#23
 Nitrobenzene-d5
 Concen: 70.31 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

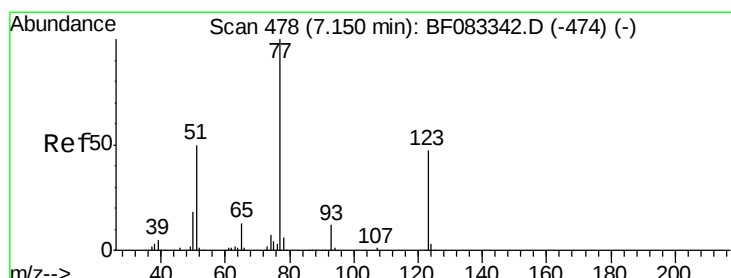
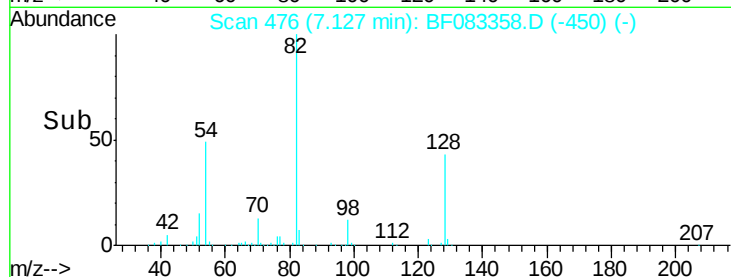
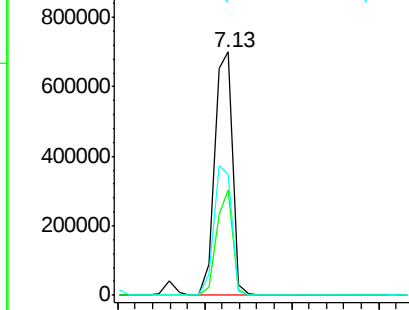
Tgt Ion: 82 Resp: 1019278
 Ion Ratio Lower Upper
 82 100
 128 43.1 30.6 46.0
 54 49.5 43.8 65.6

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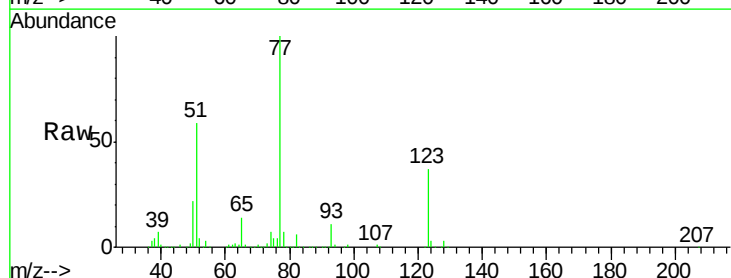


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

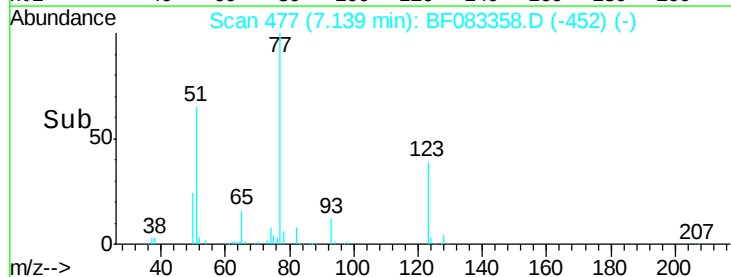
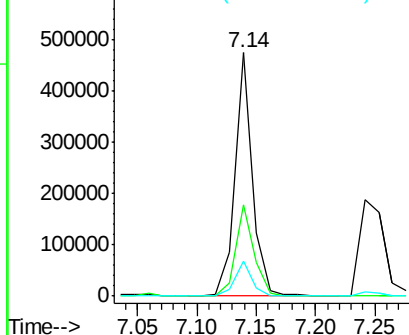


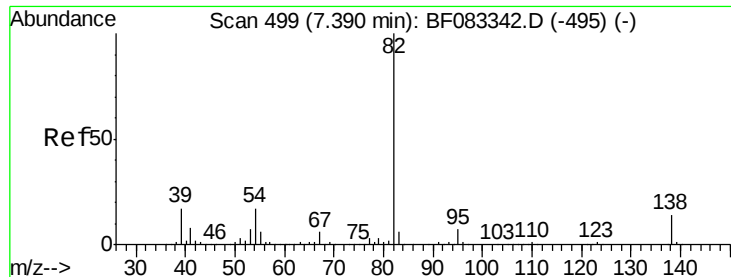
#24
 Nitrobenzene
 Concen: 30.90 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion: 77 Resp: 478315
 Ion Ratio Lower Upper
 77 100
 123 37.3 37.4 56.0#
 65 14.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.47 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083358.D

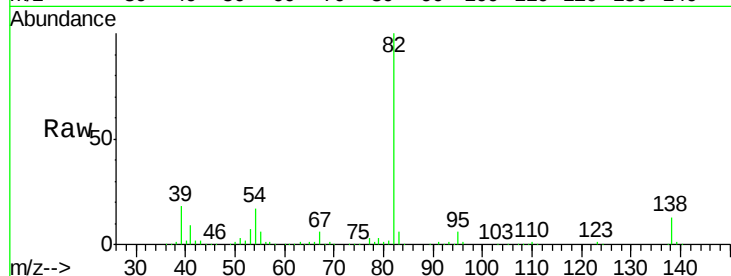
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

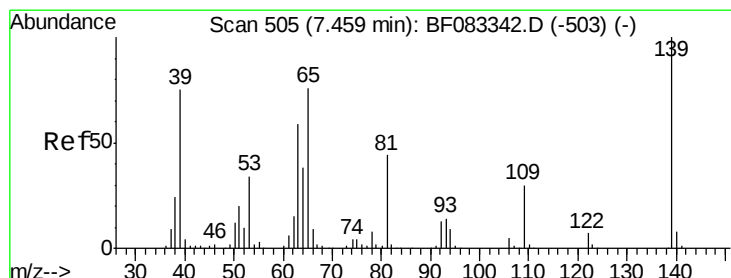
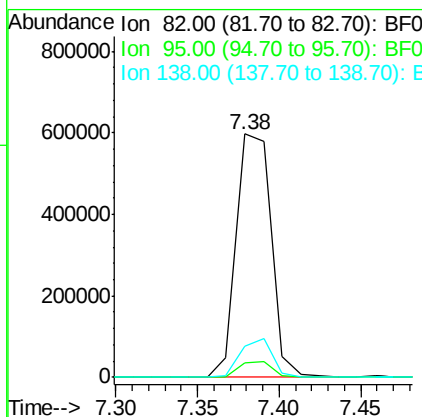
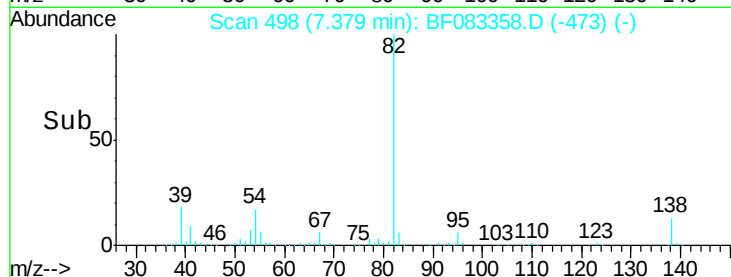
PB86903BS



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	883719		
95	6.2	5.3	7.9	
138	13.0	11.6	17.4	

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#26

2-Nitrophenol

Concen: 32.40 ng

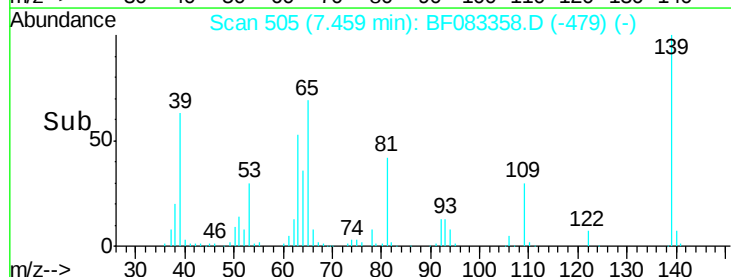
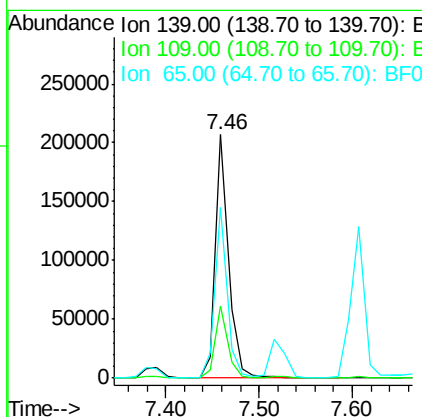
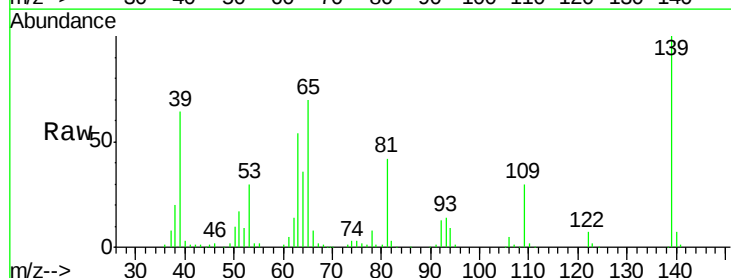
RT: 7.46 min Scan# 505

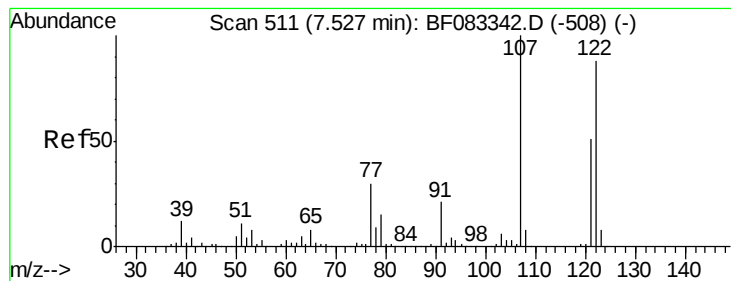
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

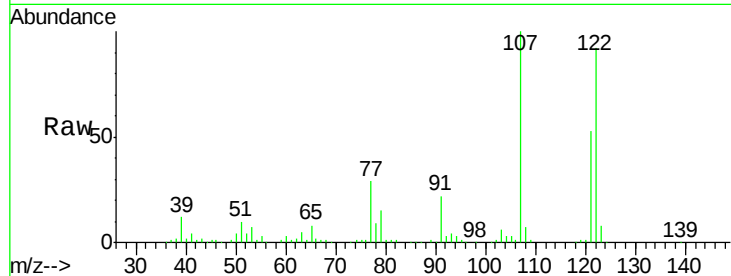
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	204723		
109	29.6	24.2	36.4	
65	69.9	61.0	91.6	





#27
 2,4-Dimethylphenol
 Concen: 33.83 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

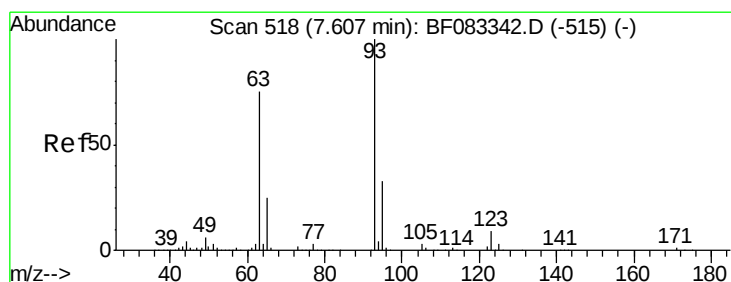
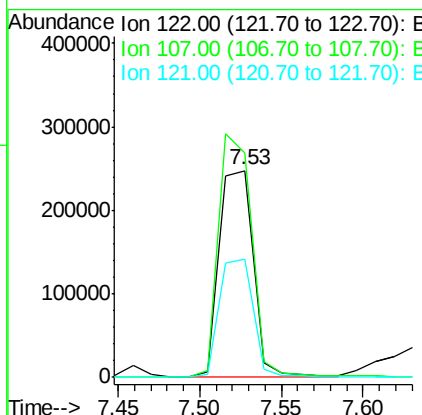
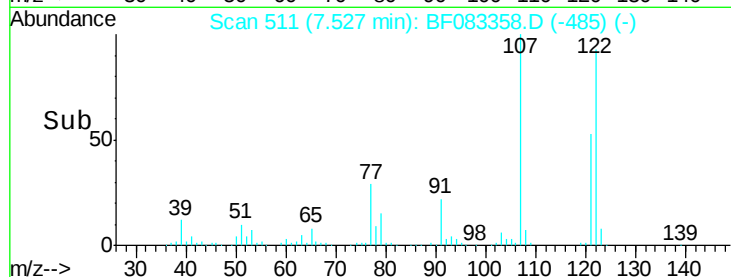
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	358372		
107	108.2	91.2	136.8	
121	56.9	46.4	69.6	

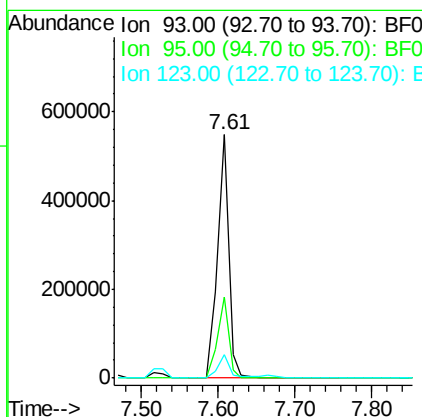
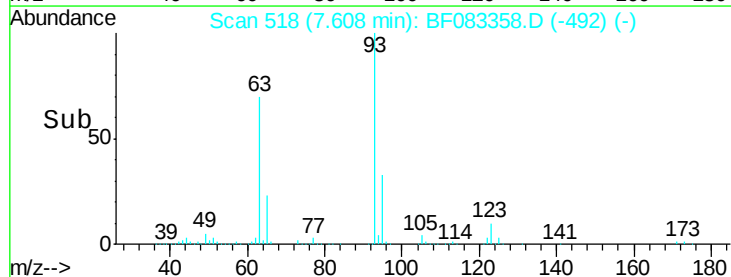
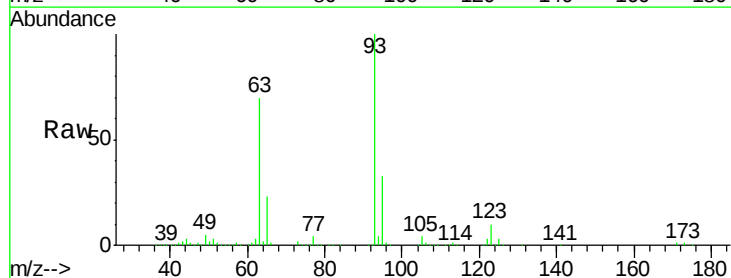
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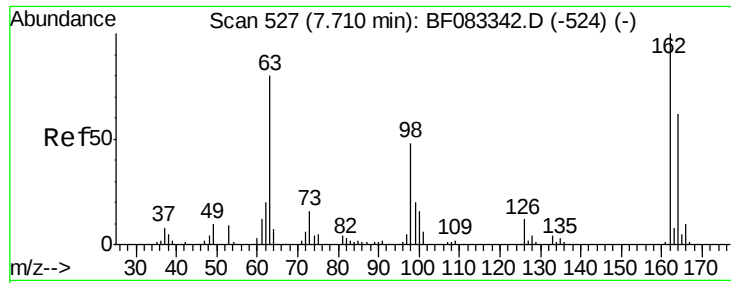
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.84 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	557202		
95	33.5	26.1	39.1	
123	9.9	7.4	11.0	





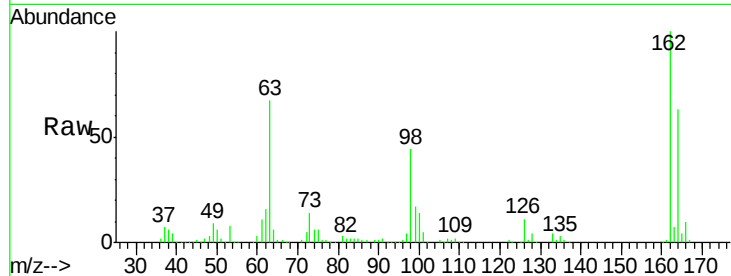
#29
 2,4-Dichlorophenol
 Concen: 35.21 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

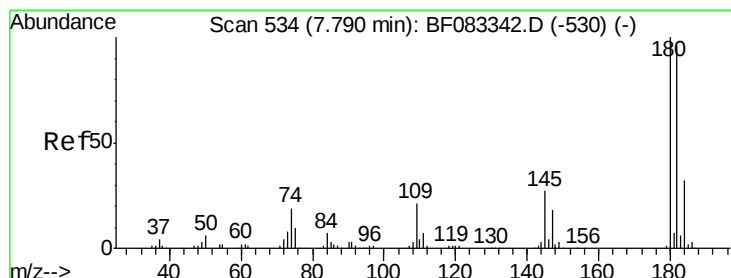
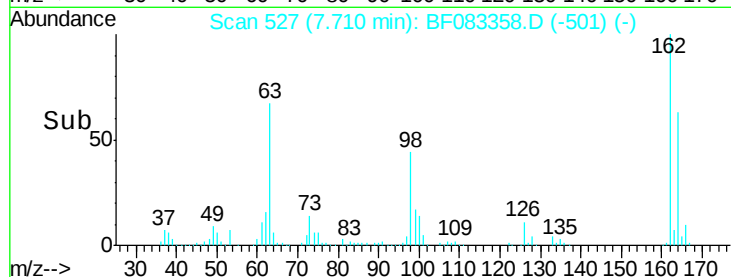
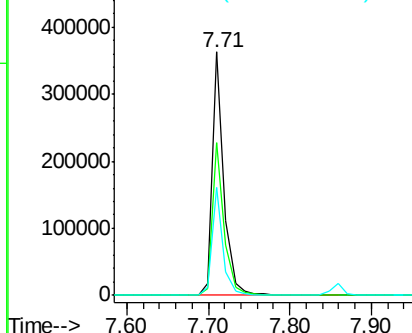
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	358754		
164	62.7	41.9	81.9	
98	44.1	28.1	68.1	

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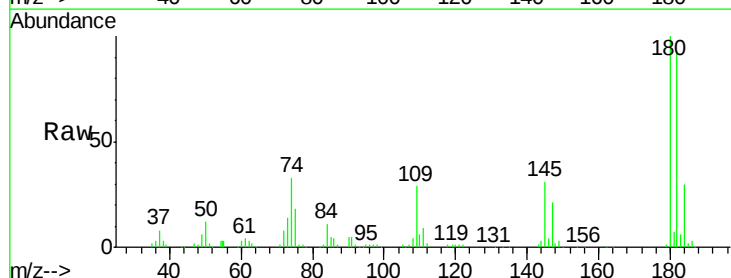


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

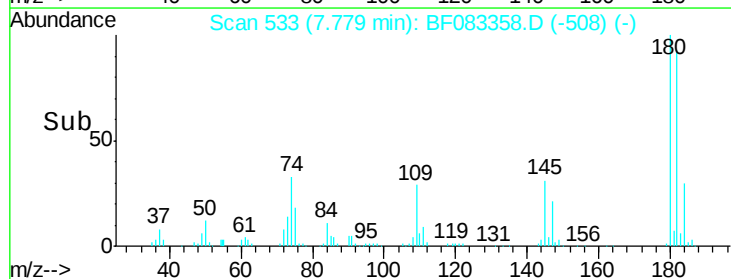
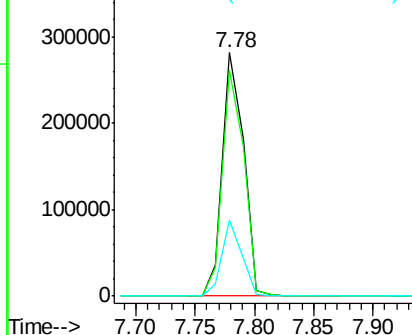


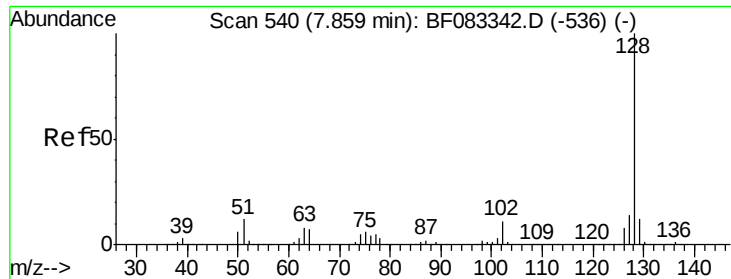
#30
 1,2,4-Trichlorobenzene
 Concen: 31.50 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	349322		
182	92.9	77.2	115.8	
145	31.2	21.4	32.2	



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





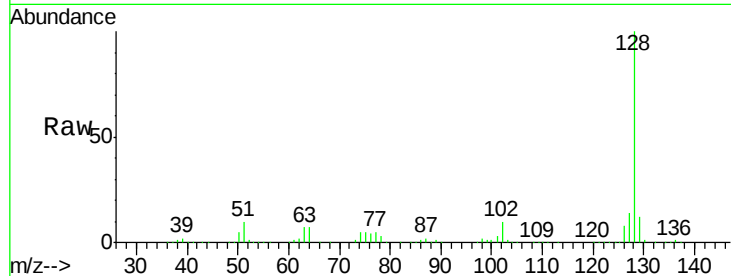
#31
Naphthalene
Concen: 33.22 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

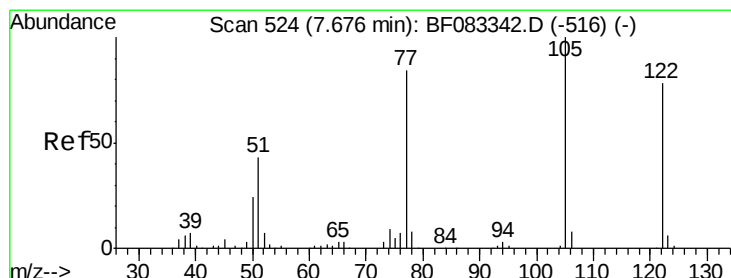
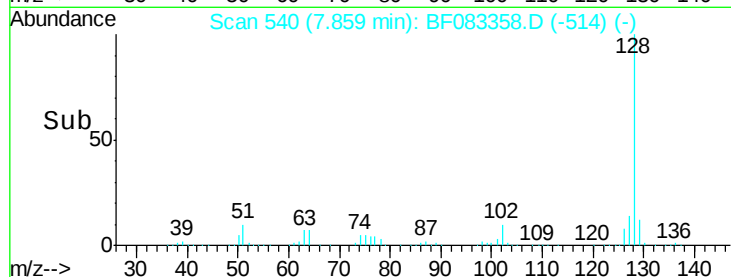
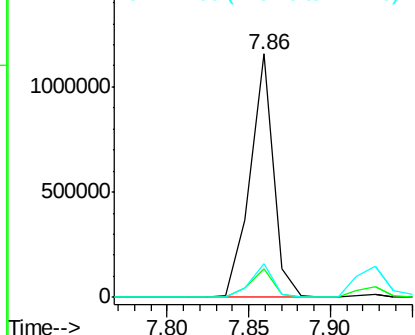
Tgt Ion:128 Resp: 1148505
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.7 11.0 16.4

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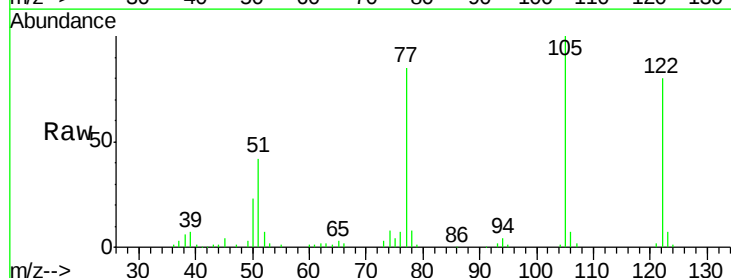


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

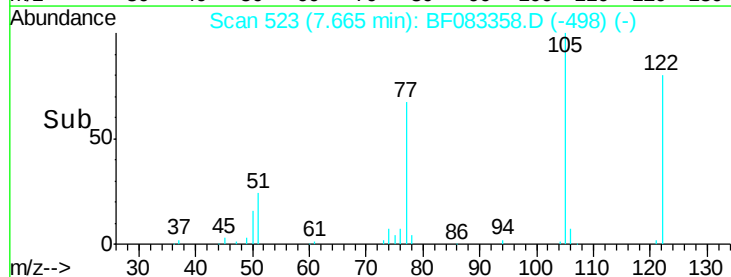
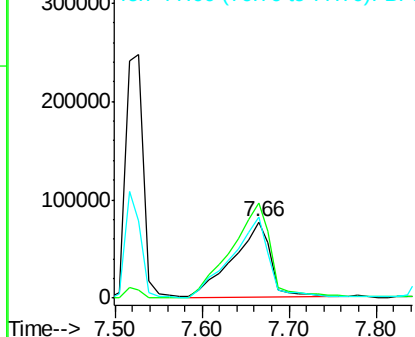


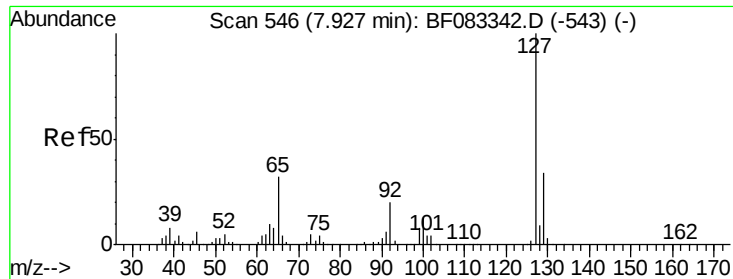
#32
Benzoic acid
Concen: 31.60 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:122 Resp: 230857
Ion Ratio Lower Upper
122 100
105 125.6 106.0 146.0
77 106.7 86.3 126.3



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





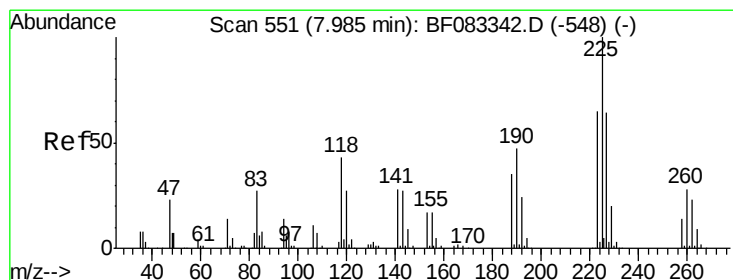
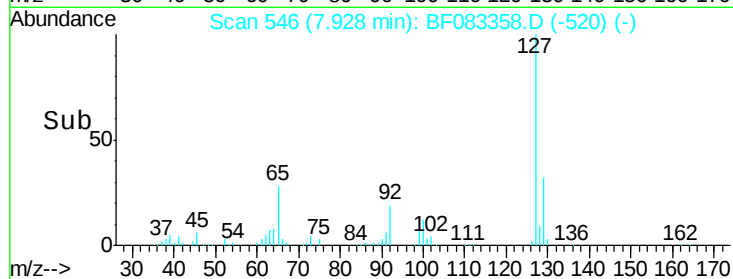
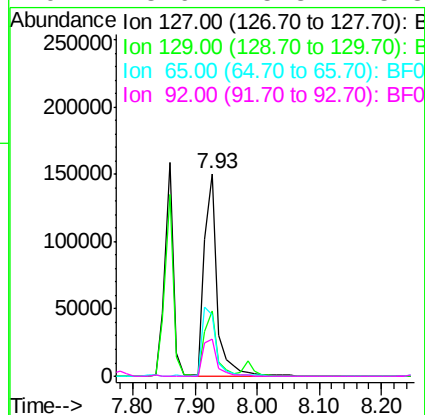
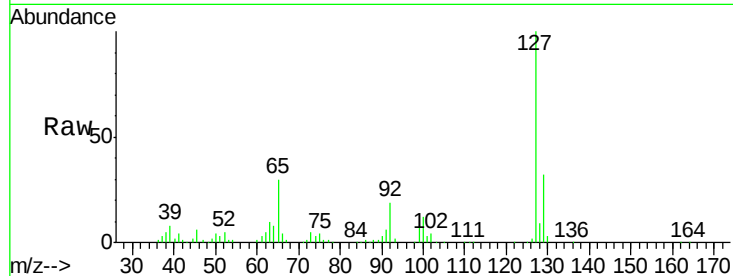
#33
4-Chloroaniline
Concen: 14.60 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	27.0	40.4
65	30.2	25.9	38.9
92	18.6	15.8	23.8

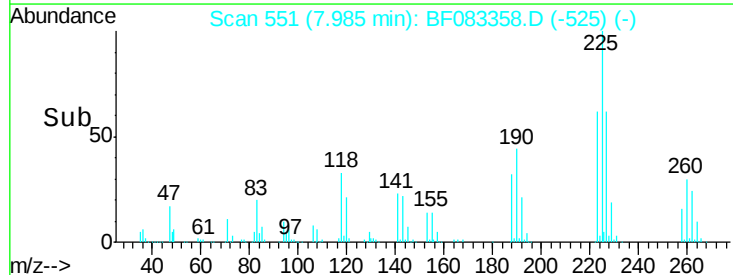
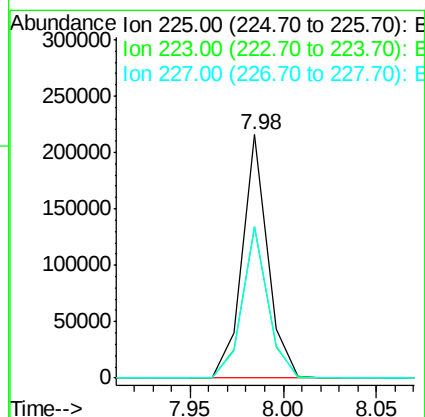
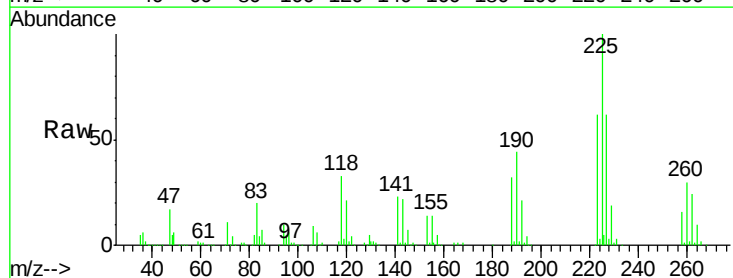
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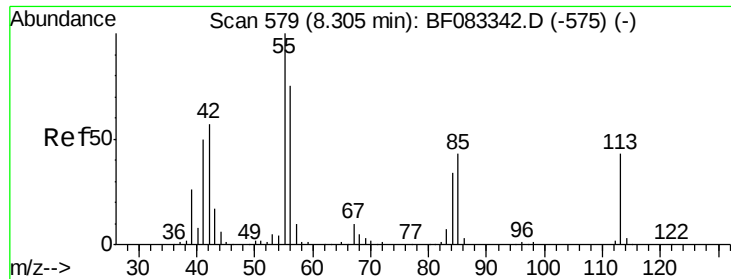
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#34
Hexachlorobutadiene
Concen: 32.79 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.2	52.0	78.0
227	62.3	51.1	76.7





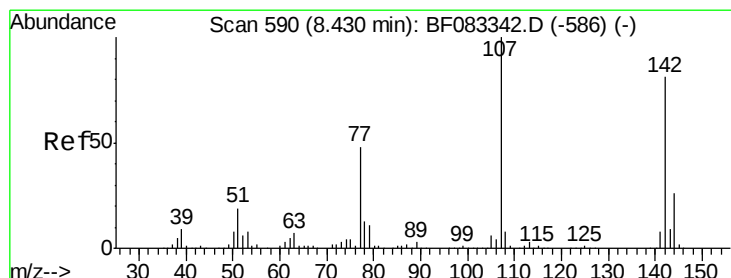
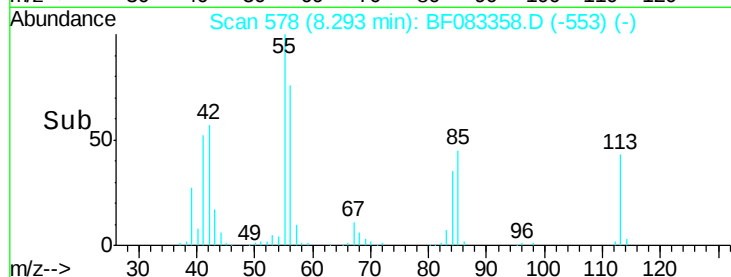
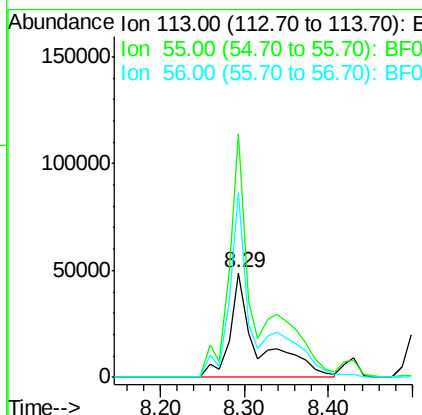
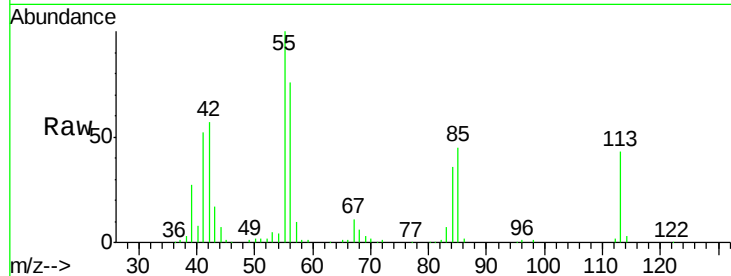
#35
 Caprolactam
 Concen: 35.95 ng m
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	232.6	211.6	251.6
56	176.8	153.0	193.0

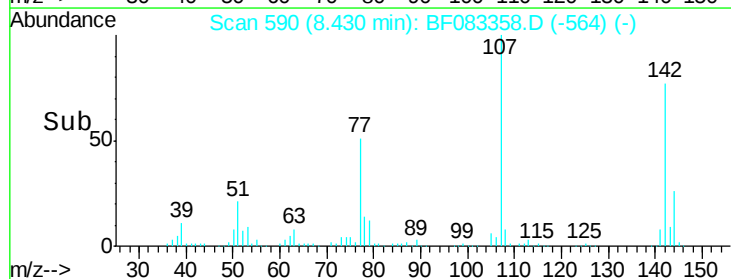
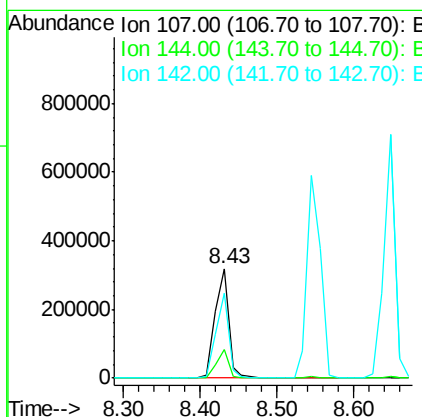
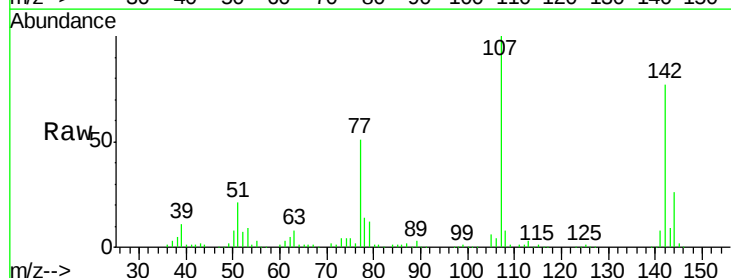
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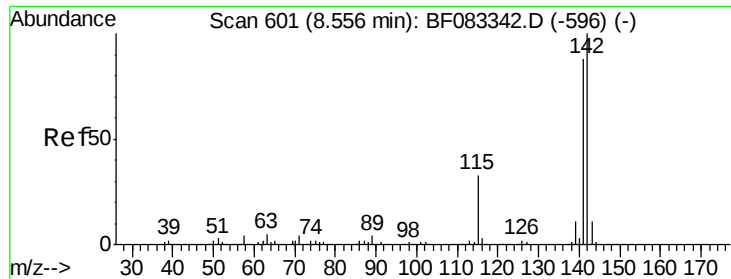
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#36
 4-Chloro-3-methylphenol
 Concen: 34.42 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.1	31.7
142	77.4	65.1	97.7





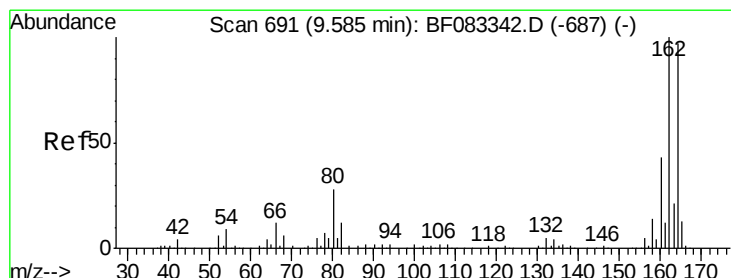
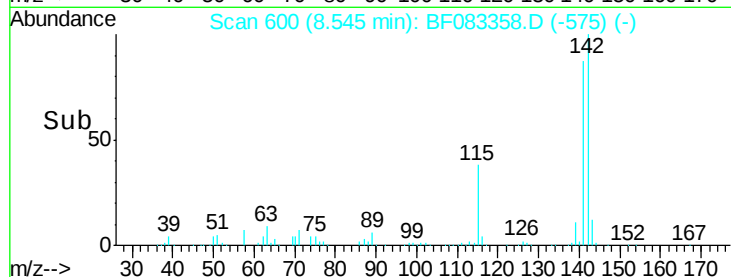
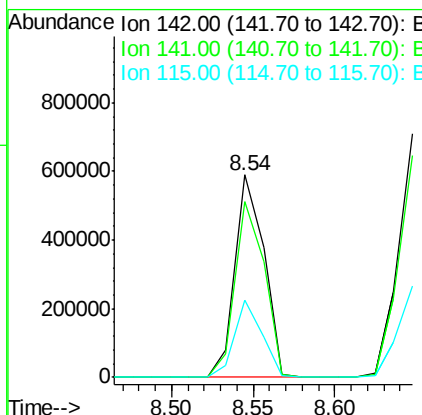
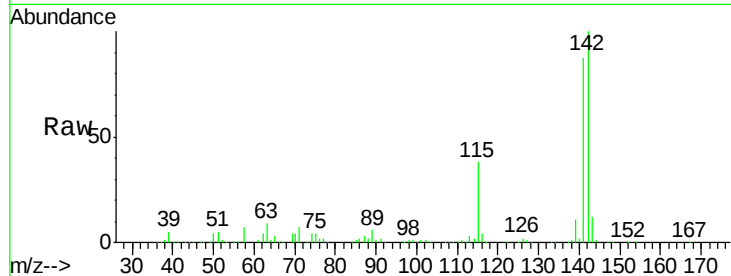
#37
2-Methylnaphthalene
Concen: 31.39 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.6	105.8
115	38.3	26.2	39.2

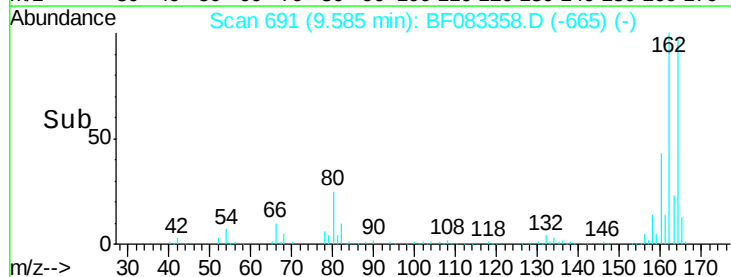
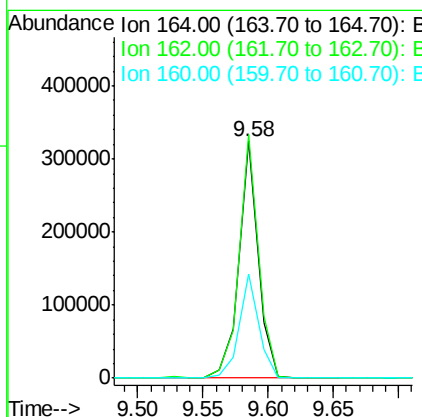
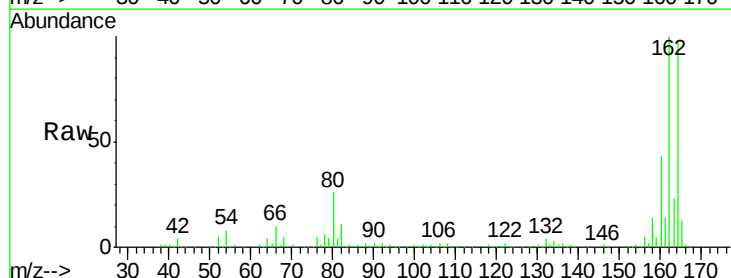
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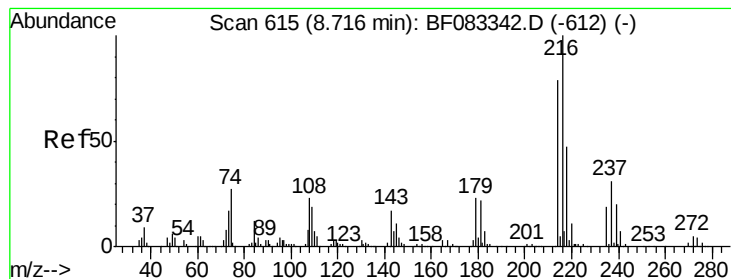
Mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	43.8	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.89 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

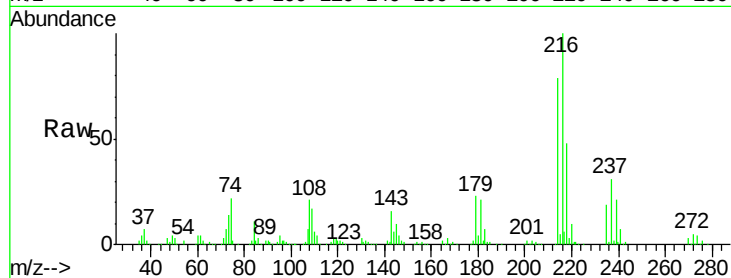
ClientSampleId :

PB86903BS

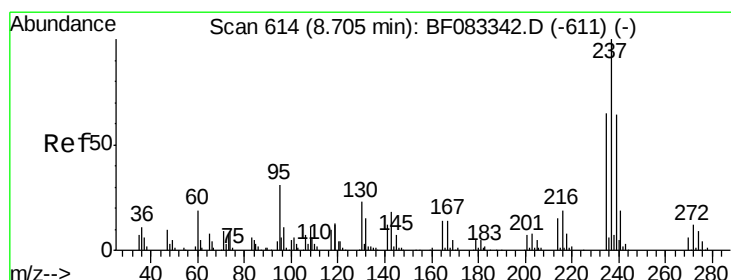
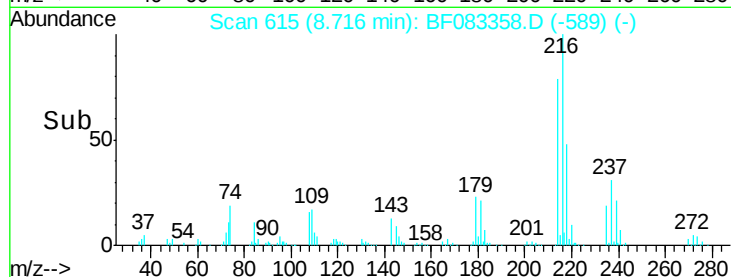
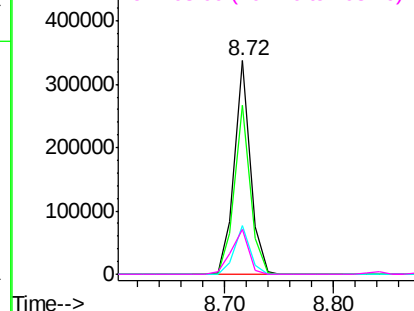
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Tgt Ion:	216	Resp:	344771
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.3	93.5
179	21.9	17.0	25.4
108	22.9	16.7	25.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.09 ng

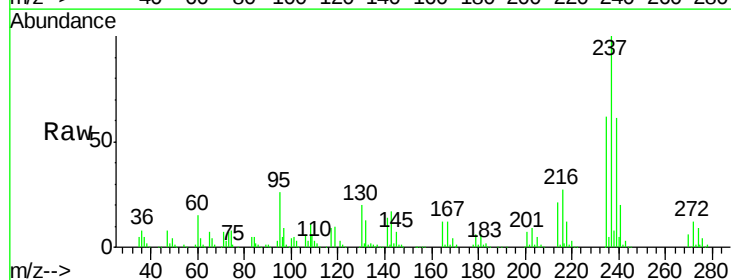
RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

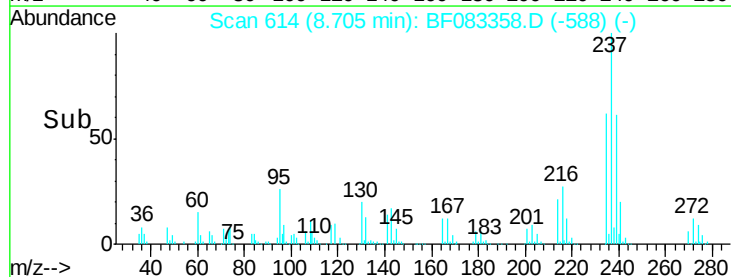
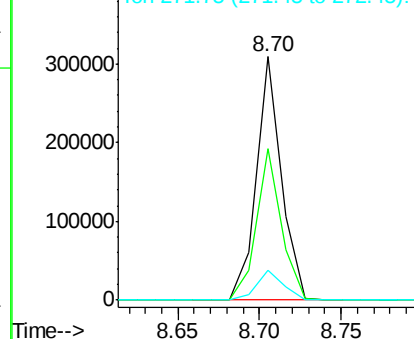
Lab File: BF083358.D

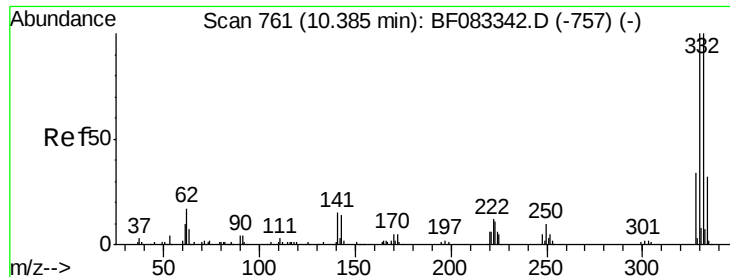
Acq: 1 Dec 2015 3:14

Tgt Ion:	237	Resp:	329080
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.5	84.5
272	12.2	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





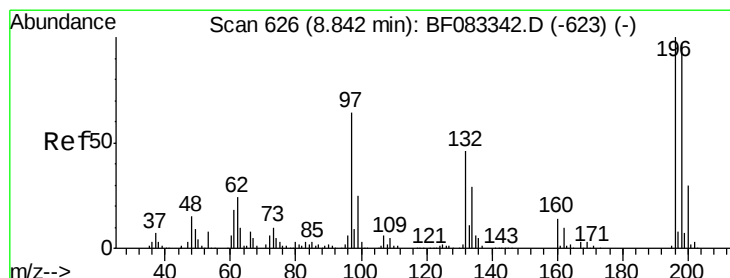
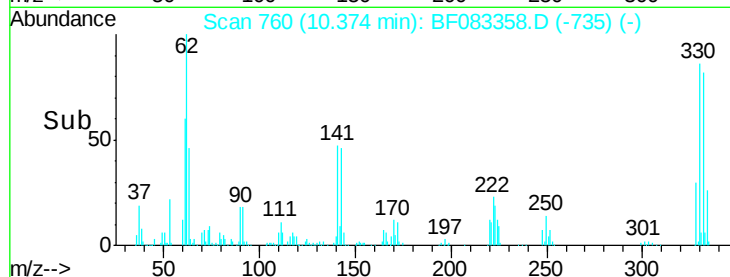
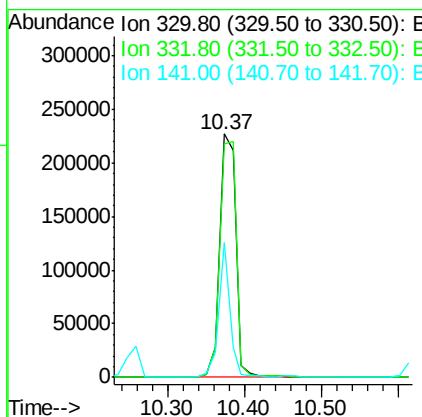
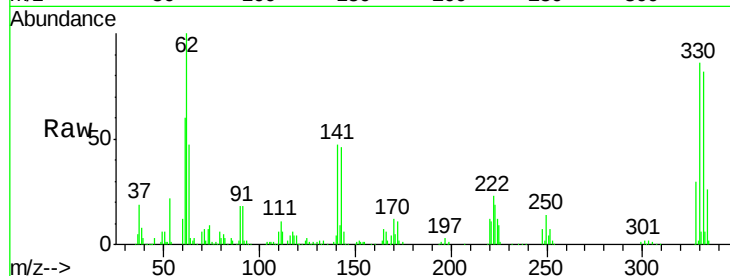
#41
 2,4,6-Tribromophenol
 Concen: 101.97 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	338484		
332	99.4	77.8	116.6	
141	37.6	29.4	44.0	

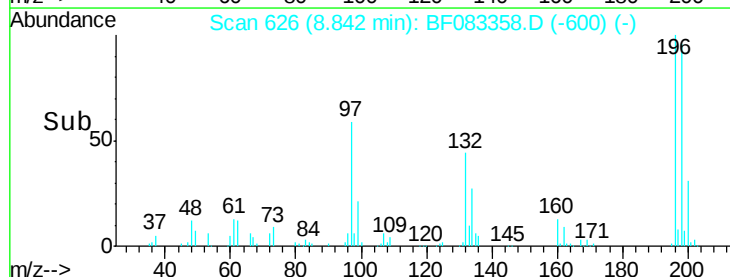
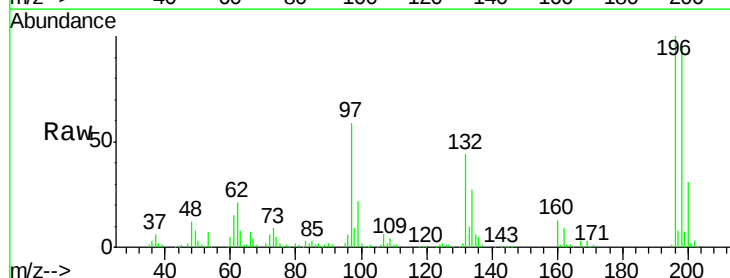
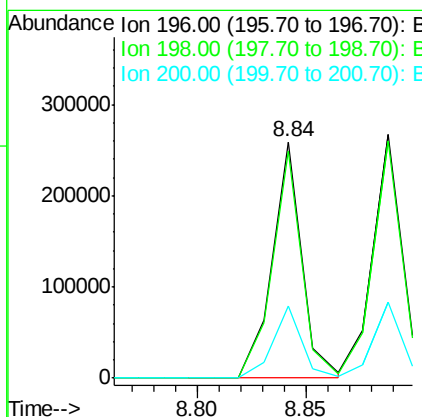
Manual Integrations
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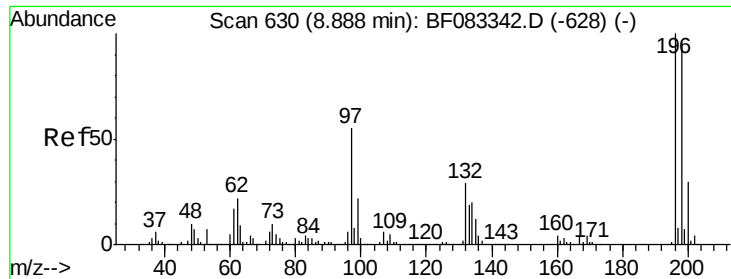
Mmdadoda
 12/1/2015 6:35:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.87 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

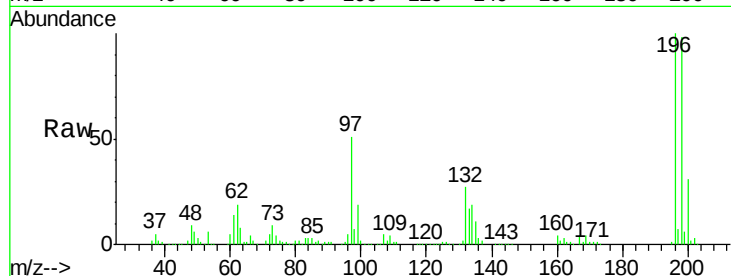
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249018		
198	96.3	77.2	115.8	
200	30.7	24.2	36.4	





#43
 2,4,5-Trichlorophenol
 Concen: 34.71 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

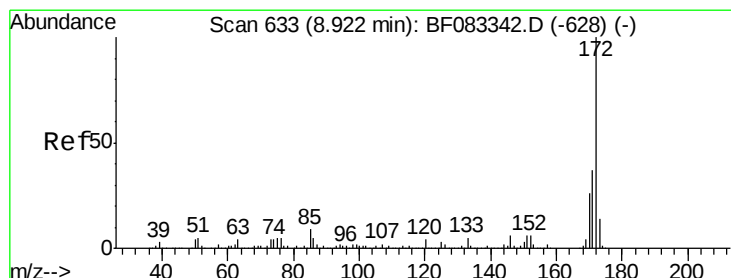
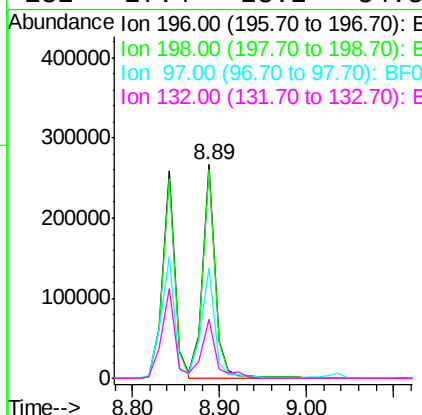
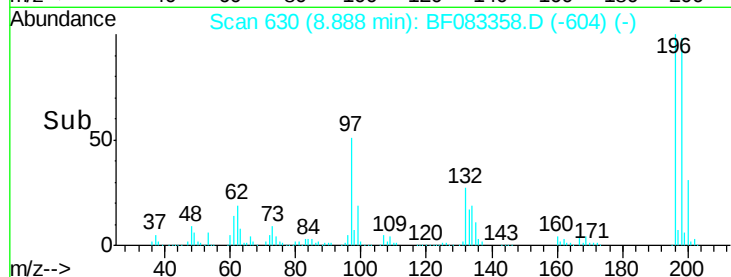
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264429		
198	97.6	77.2	115.8	
97	51.3	44.4	66.6	
132	27.4	23.2	34.8	

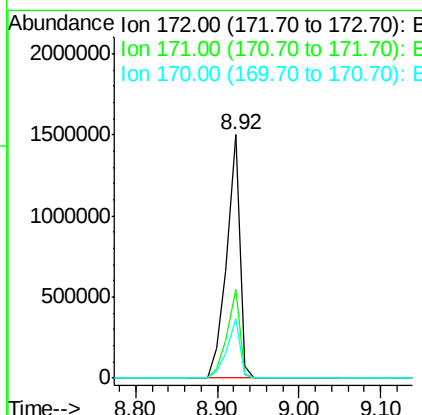
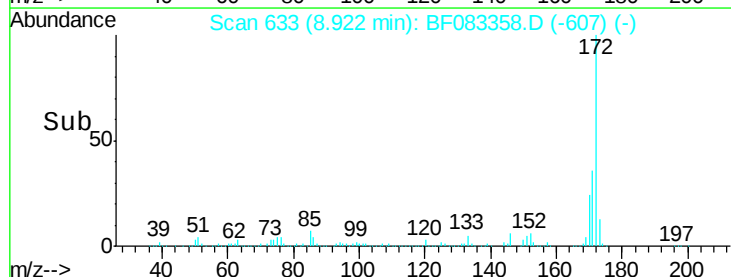
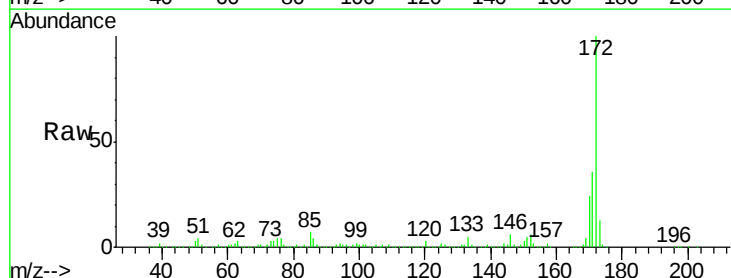
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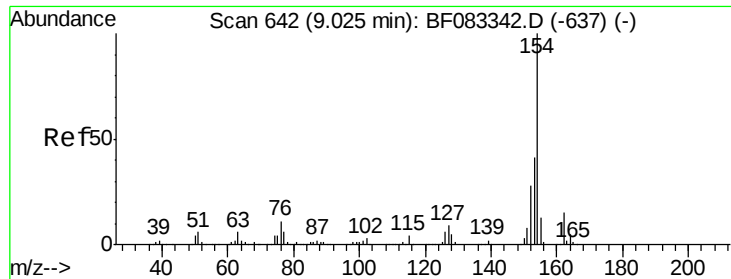
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 71.93 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1669113		
171	36.4	29.4	44.0	
170	24.3	20.4	30.6	





#45

1,1'-Biphenyl

Concen: 30.13 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

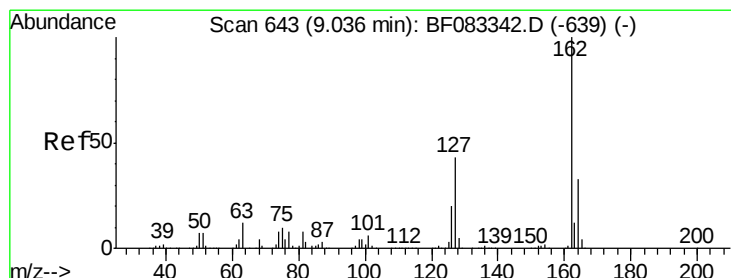
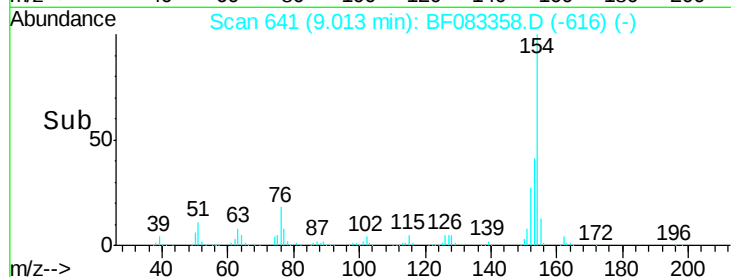
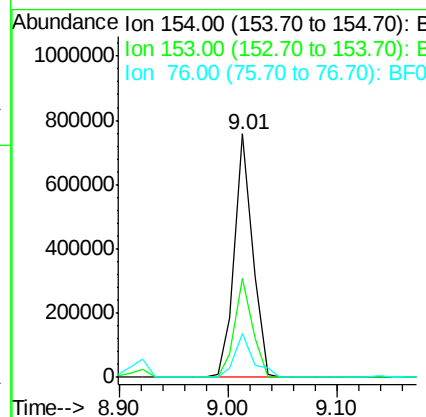
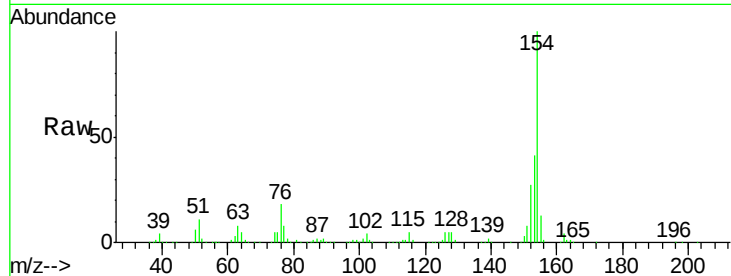
ClientSampleId :

PB86903BS

Tgt Ion:	154	Resp:	873584
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	17.8	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 33.86 ng

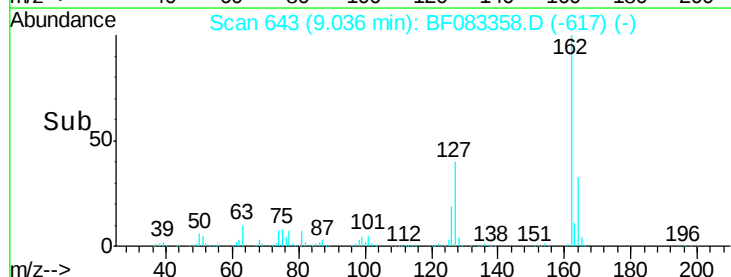
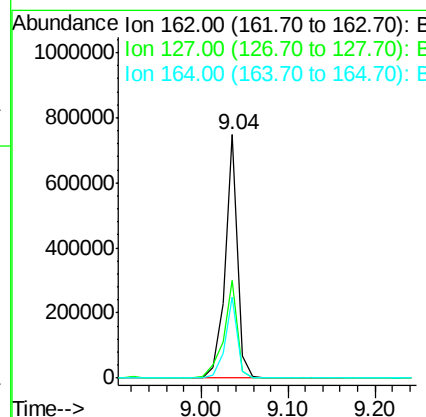
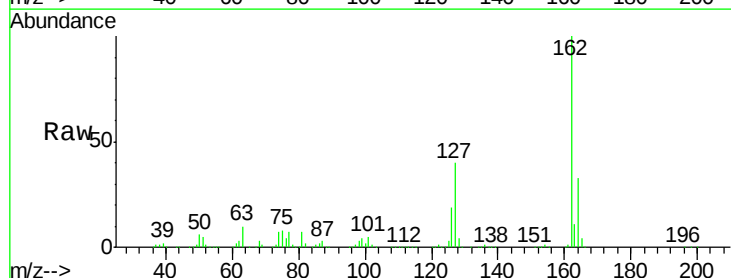
RT: 9.04 min Scan# 643

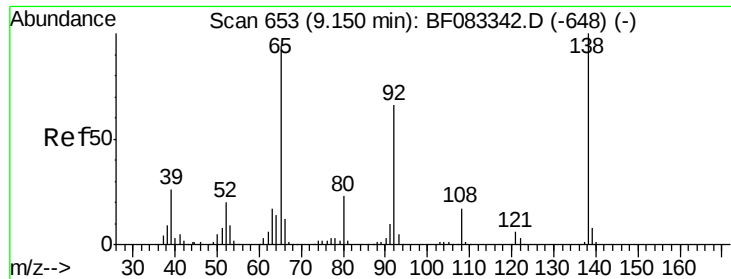
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	162	Resp:	748234
Ion Ratio	Lower	Upper	
162	100		
127	40.0	34.1	51.1
164	33.3	26.6	39.8





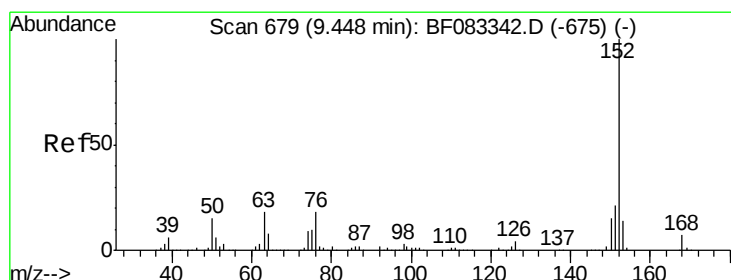
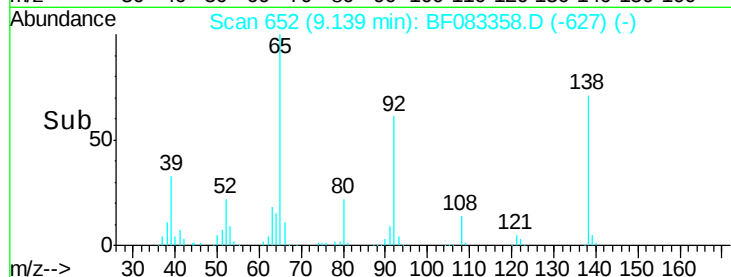
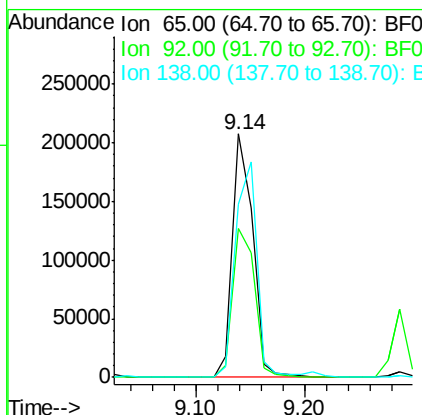
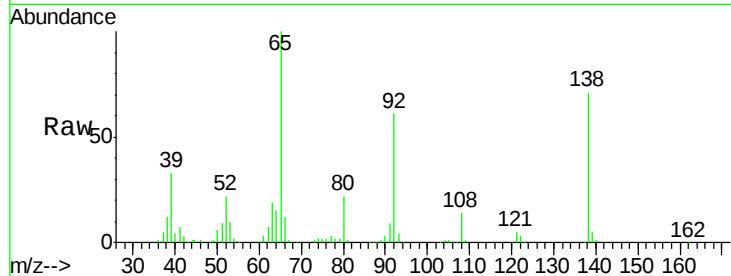
#47
2-Nitroaniline
Concen: 30.59 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampled :
PB86903BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	56.2	84.4
138	71.0	85.4	128.0

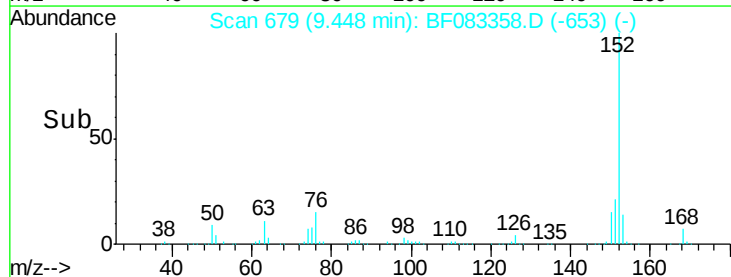
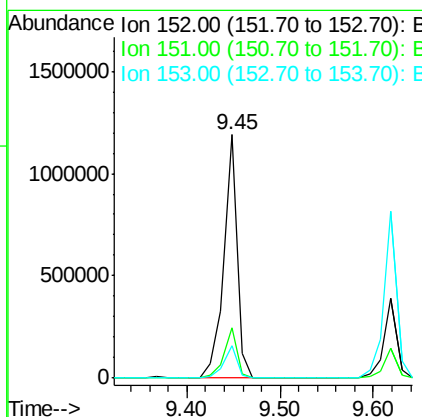
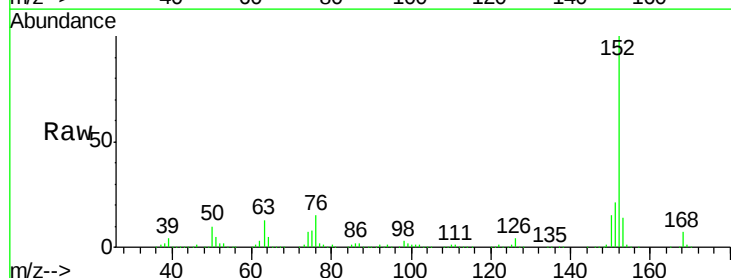
Manual Integrations
APPROVED

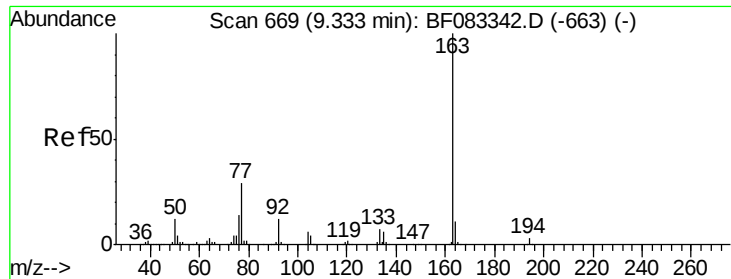
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12/1/2015 6:35:08 PM



#48
Acenaphthylene
Concen: 33.51 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.5	11.2	16.8





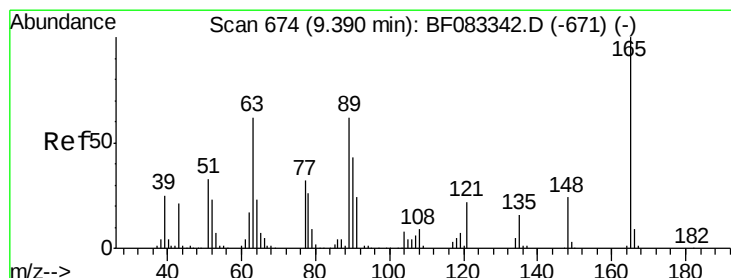
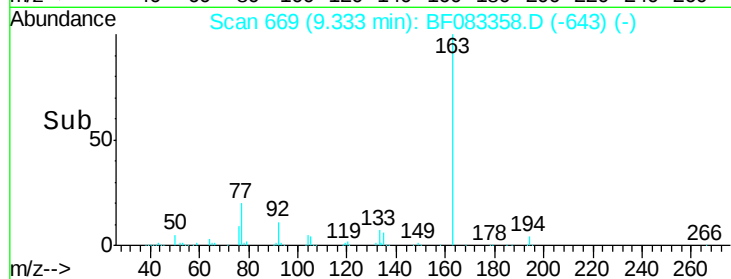
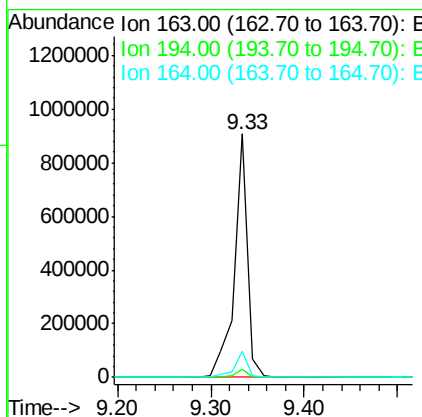
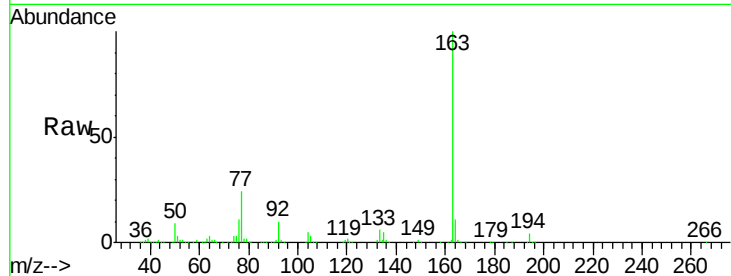
#49
Dimethylphthalate
Concen: 33.20 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	892254		
194	3.6	2.7	4.1	
164	10.6	8.8	13.2	

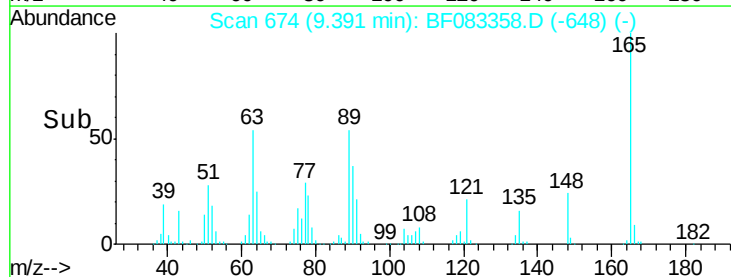
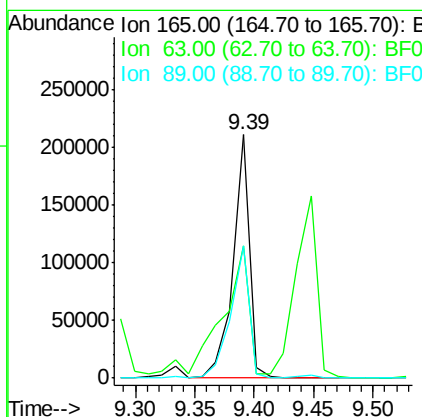
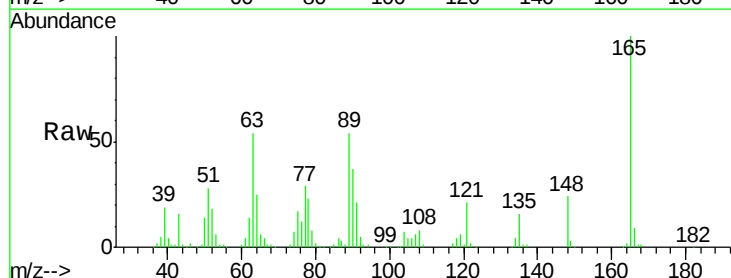
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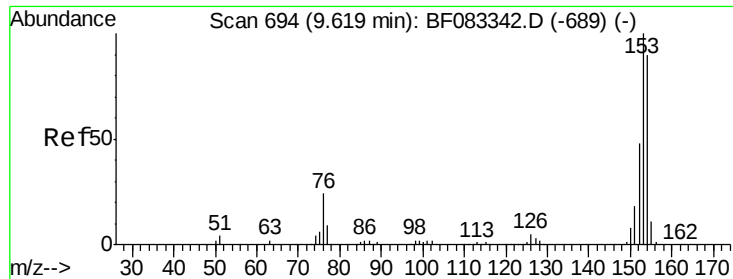
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#50
2,6-Dinitrotoluene
Concen: 35.38 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203025		
63	54.2	56.0	84.0#	
89	54.4	49.8	74.8	





#51

Acenaphthene

Concen: 33.57 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083358.D

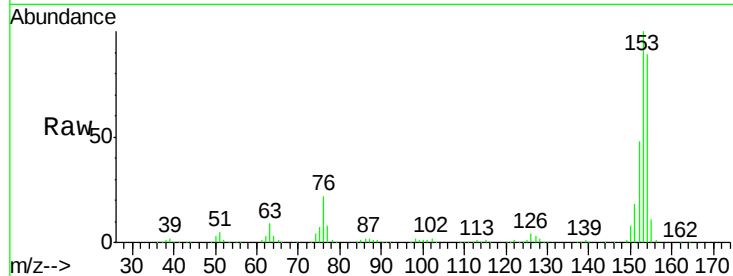
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

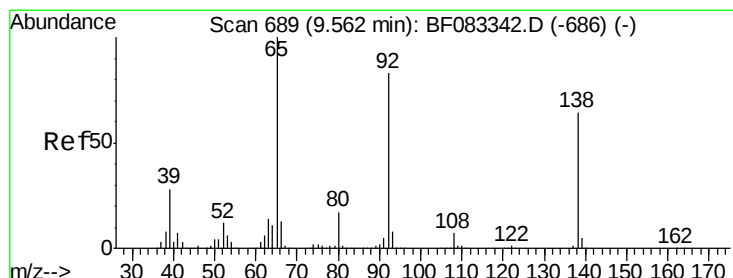
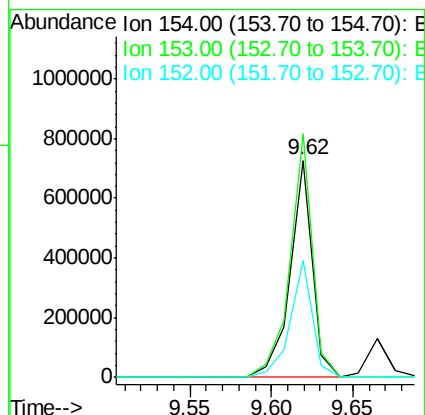
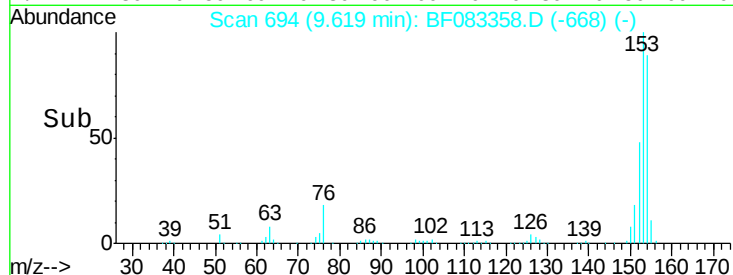
PB86903BS



Tgt Ion:	154	Resp:	695940
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.3	133.9
152	54.1	42.5	63.7

Manual Integrations
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#52

3-Nitroaniline

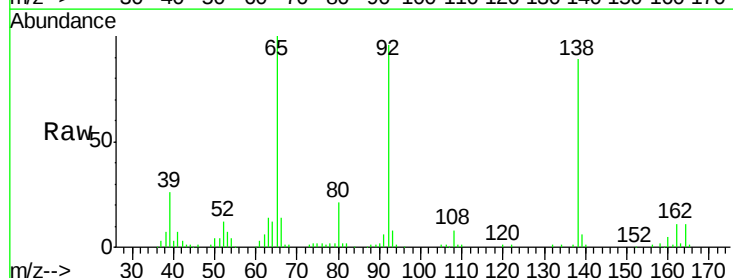
Concen: 17.83 ng

RT: 9.56 min Scan# 689

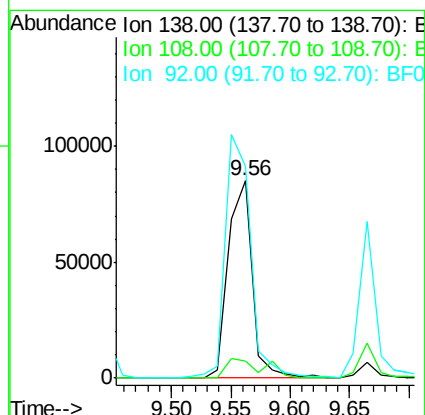
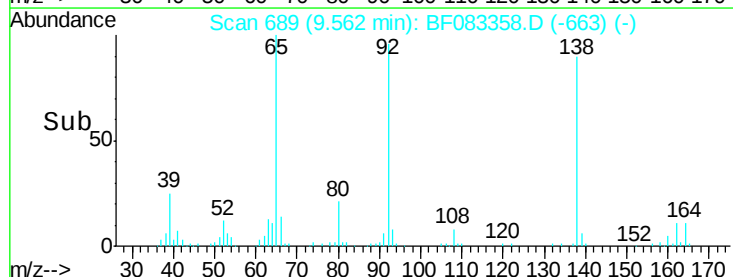
Delta R.T. 0.00 min

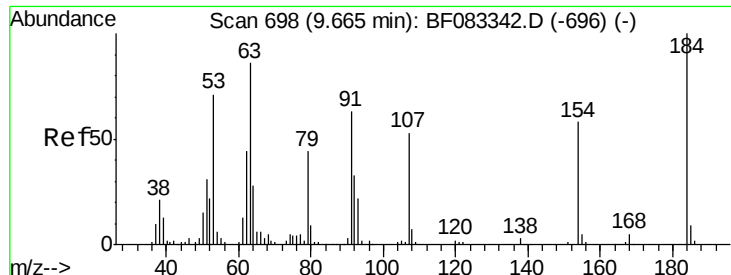
Lab File: BF083358.D

Acq: 1 Dec 2015 3:14



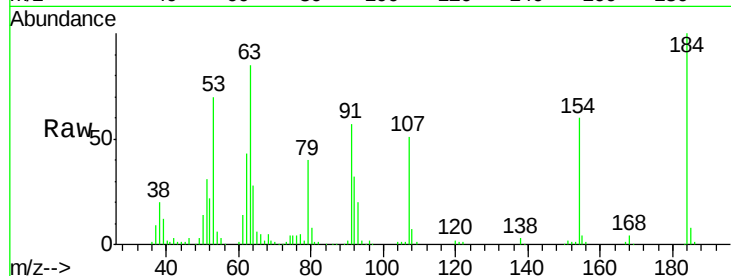
Tgt Ion:	138	Resp:	119916
Ion Ratio	Lower	Upper	
138	100		
108	8.5	8.4	12.6
92	107.4	104.2	156.4





#53
2,4-Dinitrophenol
Concen: 63.81 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

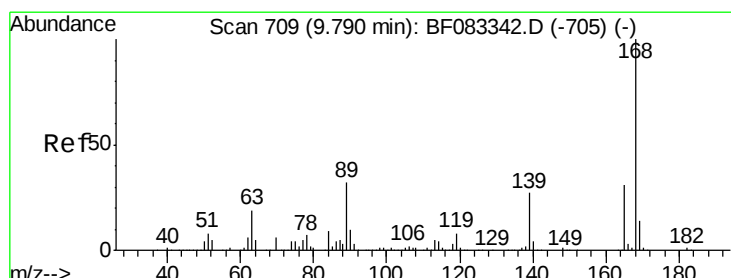
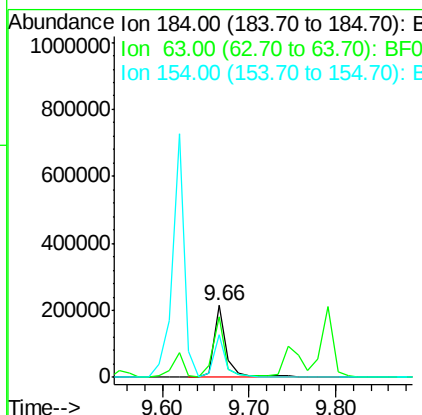
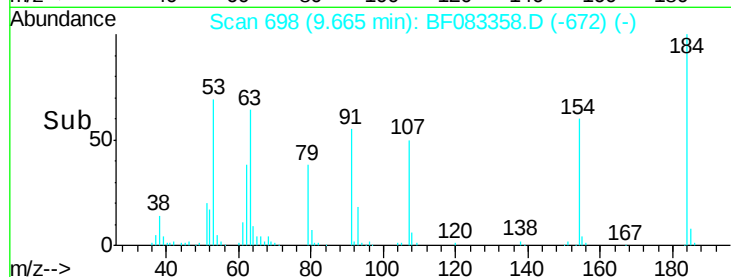
Instrument :
BNA_F
ClientSampleId :
PB86903BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	218446		
63	85.3	69.0	103.6	
154	60.2	50.0	75.0	

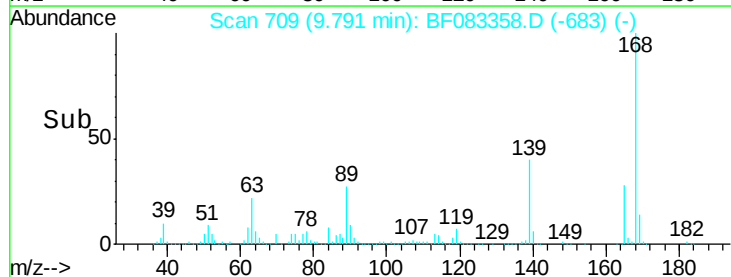
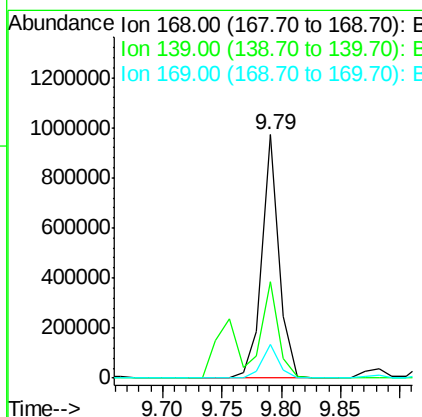
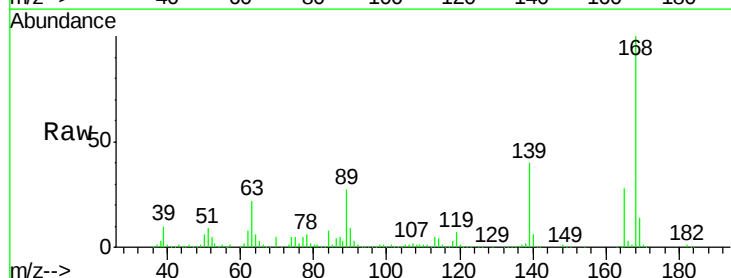
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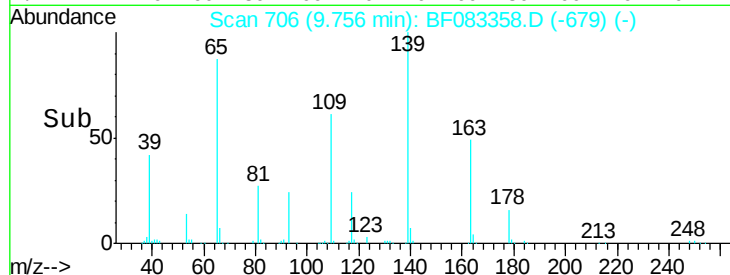
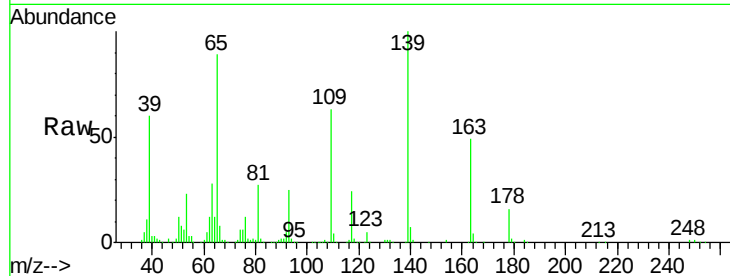
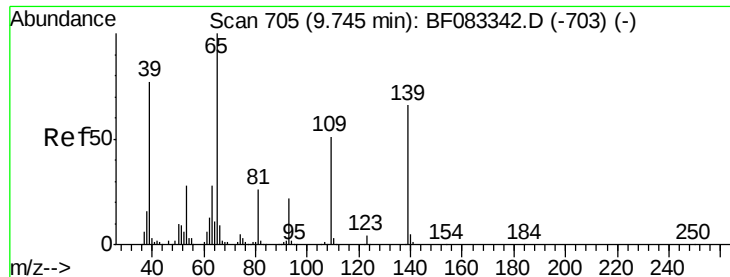
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12/1/2015 6:35:08 PM



#54
Dibenzofuran
Concen: 32.57 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	989536		
139	39.6	32.7	49.1	
169	13.9	11.1	16.7	





#55

4-Nitrophenol

Concen: 70.25 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	295584		
109	62.5	57.4	97.4	
65	89.2	131.6	171.6	

Instrument :

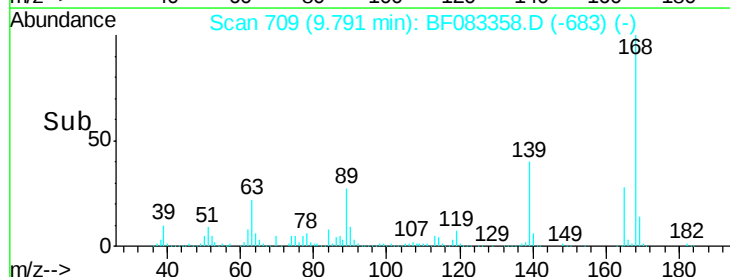
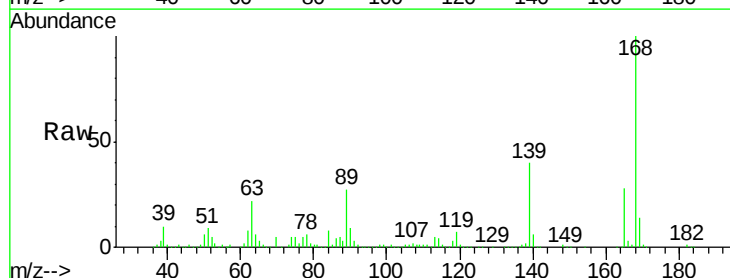
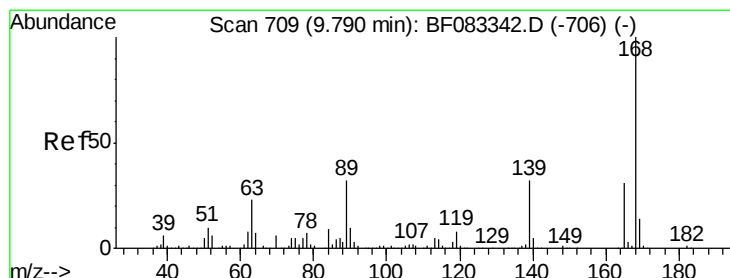
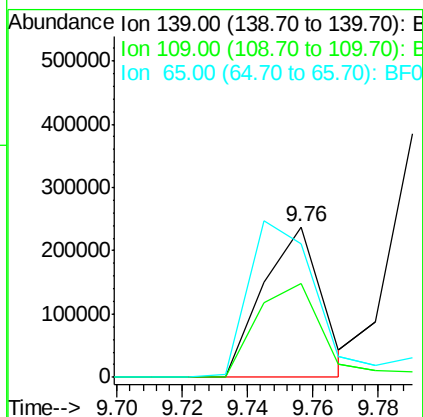
BNA_F

ClientSampled :

PB86903BS

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#56

2,4-Dinitrotoluene

Concen: 34.40 ng

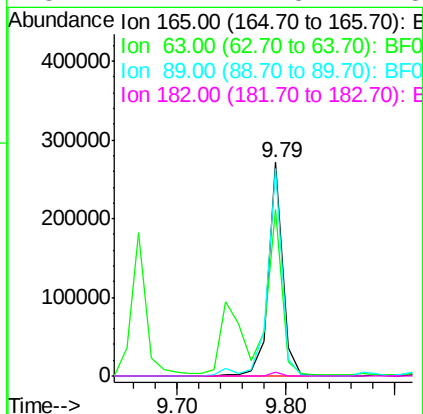
RT: 9.79 min Scan# 709

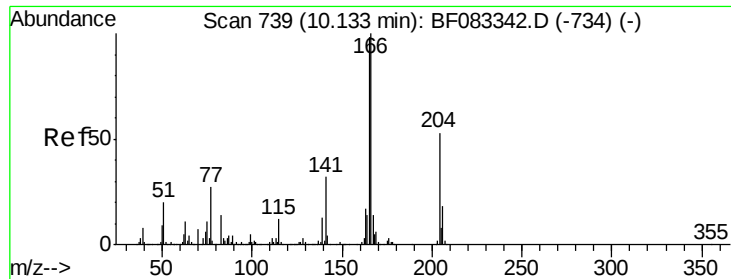
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	250482		
63	78.1	65.4	98.0	
89	97.1	81.2	121.8	
182	2.1	1.8	2.8	





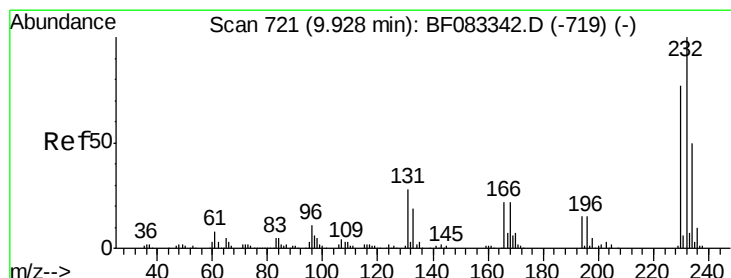
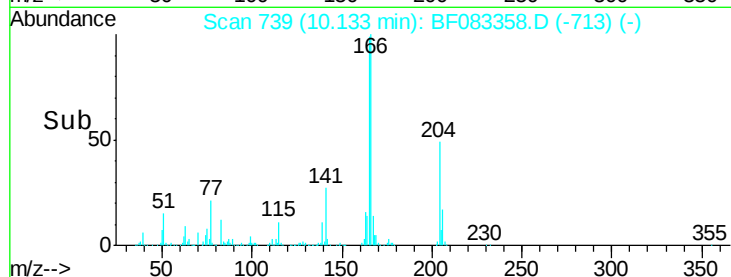
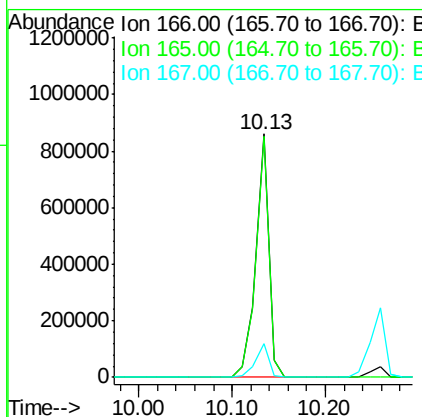
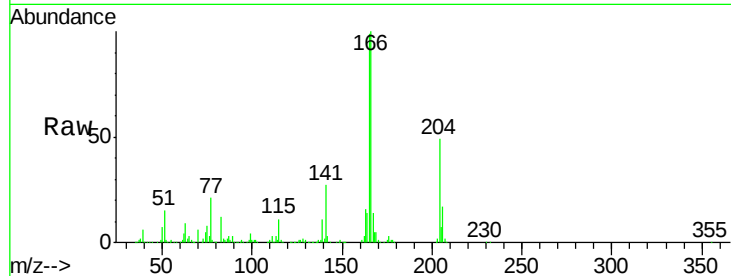
#57
Fluorene
 Concen: 34.77 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	834092		
165	98.9	78.3	117.5	
167	13.9	11.1	16.7	

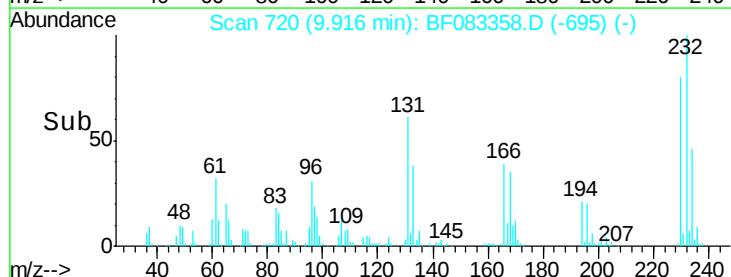
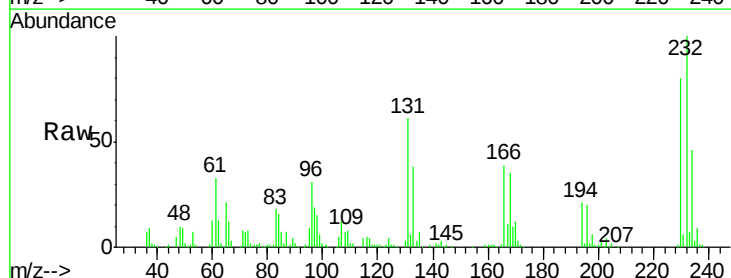
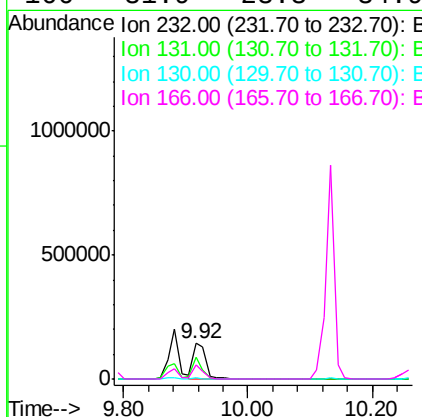
Manual Integrations
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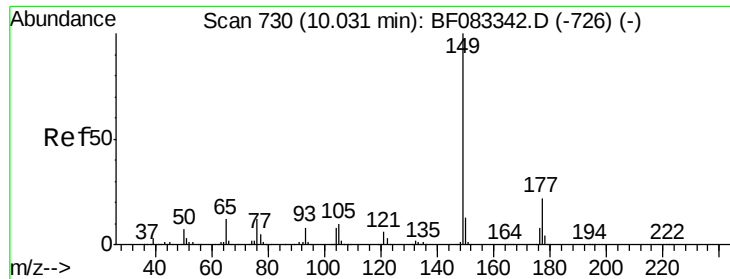
Mmdadoda
 12/1/2015 6:35:08 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.75 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	207459		
131	47.1	35.4	53.2	
130	2.1	1.7	2.5	
166	31.9	23.3	34.9	





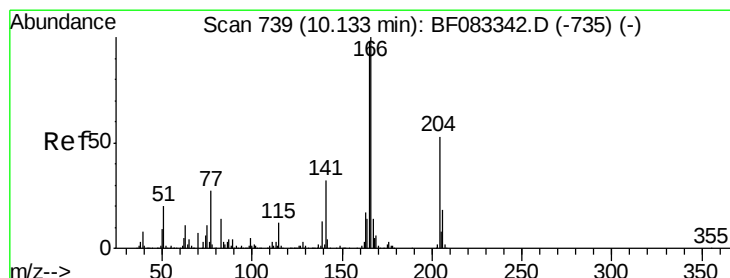
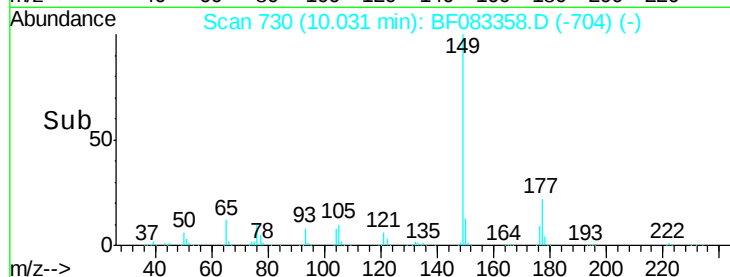
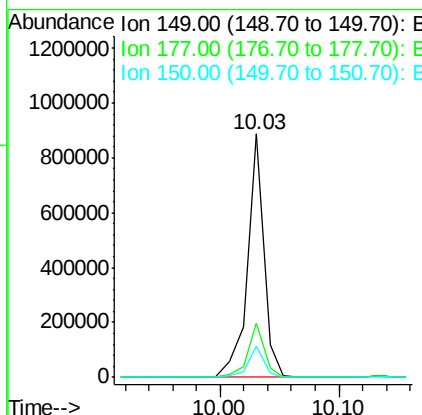
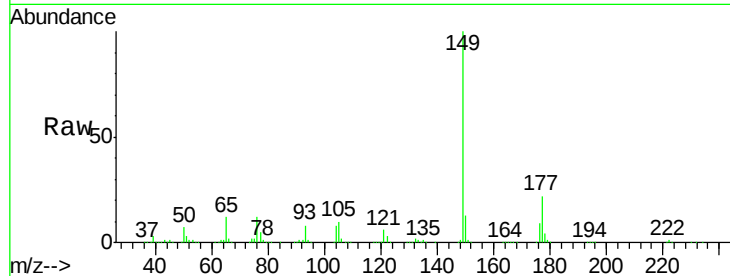
#59
Diethylphthalate
Concen: 33.61 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	860981		
177	22.2	17.4	26.2	
150	12.8	10.4	15.6	

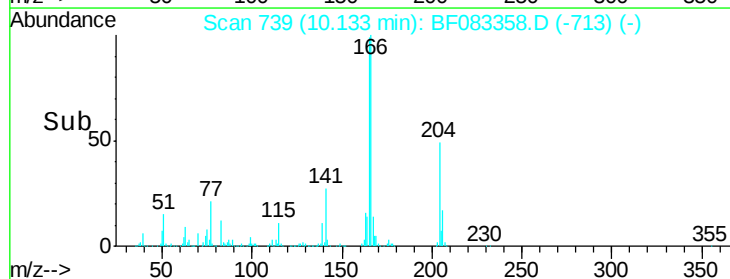
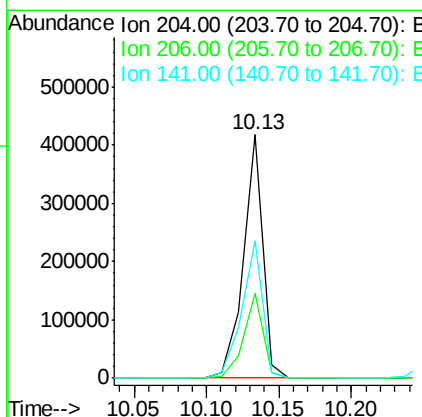
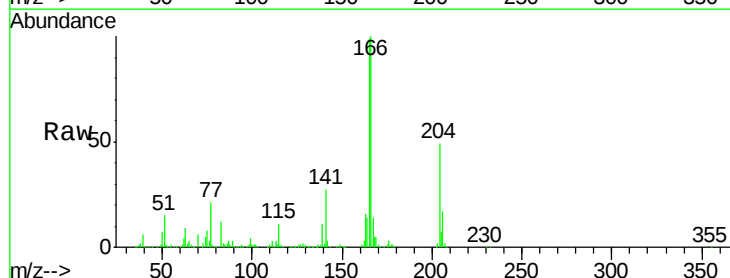
Manual Integrations
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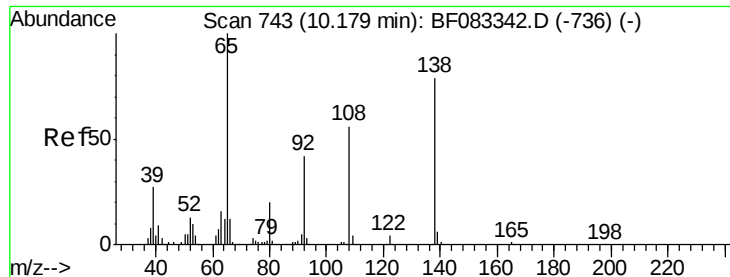
Mmdadoda
12/1/2015 6:35:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.32 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	389312		
206	34.7	27.5	41.3	
141	56.4	48.1	72.1	





#61

4-Nitroaniline

Concen: 28.39 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

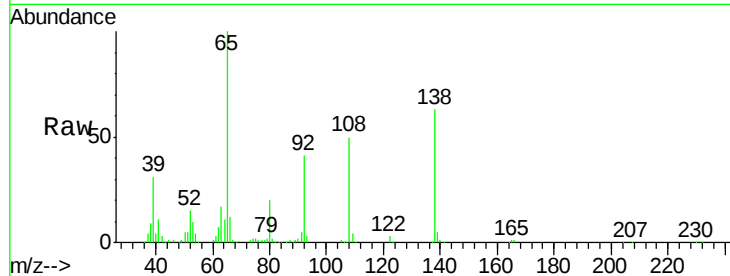
ClientSampleId :

PB86903BS

Tgt Ion:	138	Resp:	191066
Ion Ratio	Lower	Upper	
138	100		
92	64.8	33.6	73.6
108	78.7	51.0	91.0

Manual Integrations
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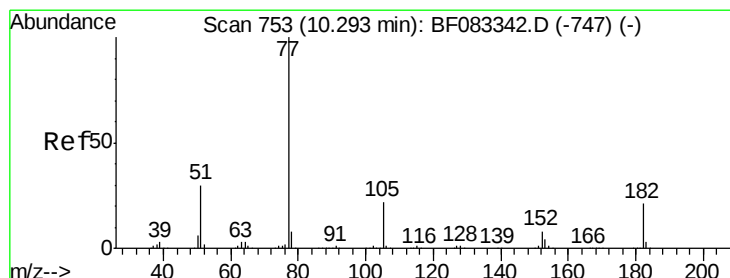
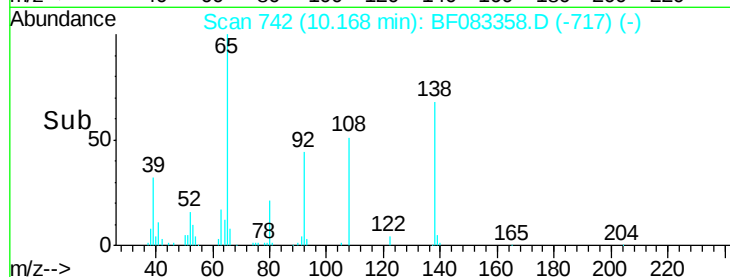
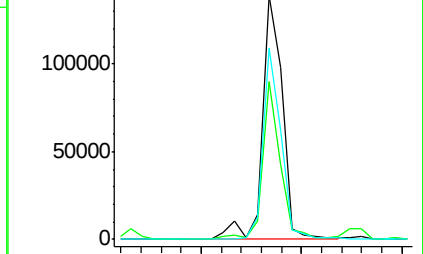
Mmdadoda
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.19 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

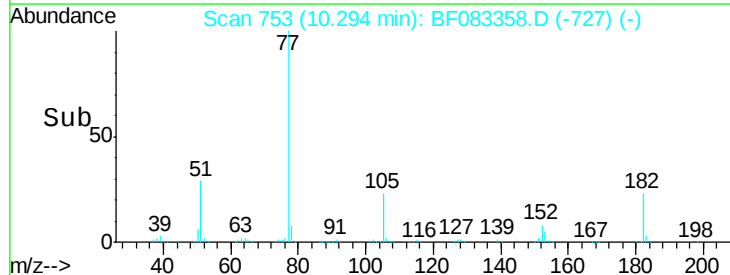
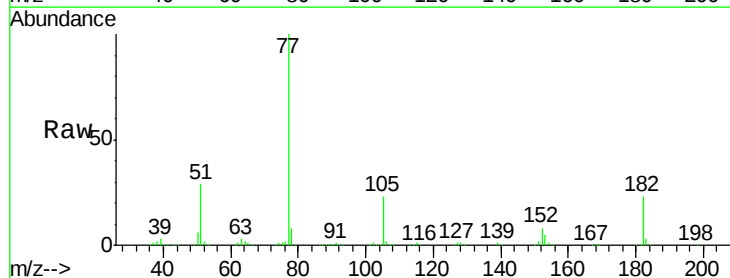
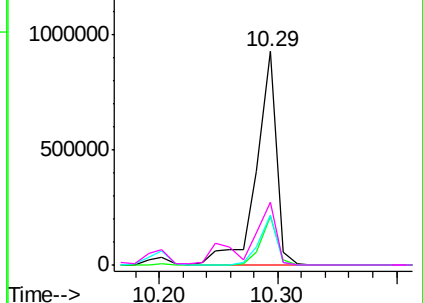
Tgt Ion:	77	Resp:	1088988
Ion Ratio	Lower	Upper	
77	100		
182	22.8	0.8	40.8
105	23.3	2.3	42.3
51	29.1	10.6	50.6

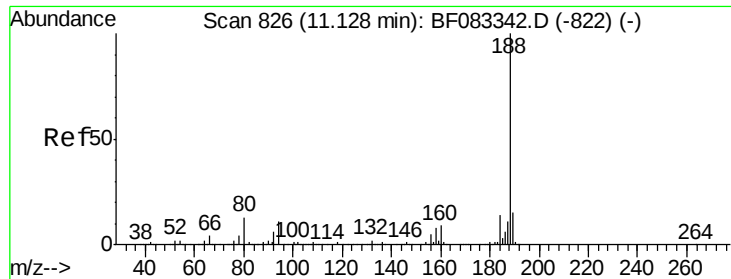
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





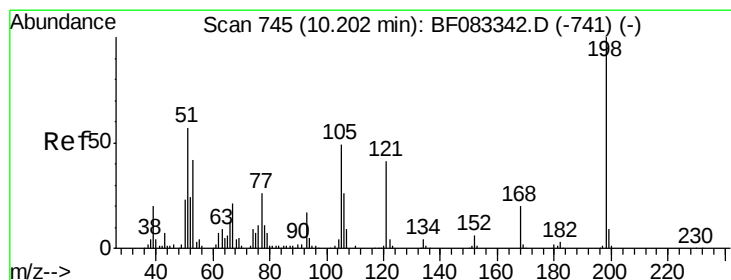
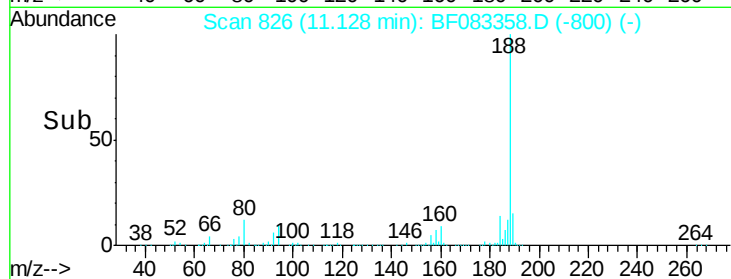
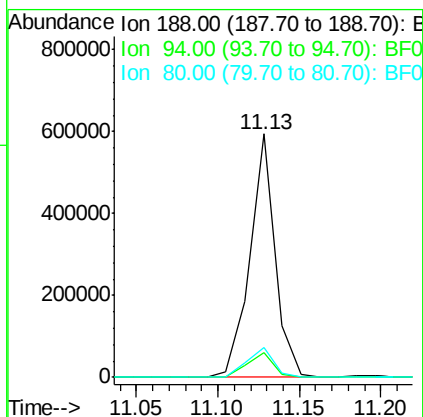
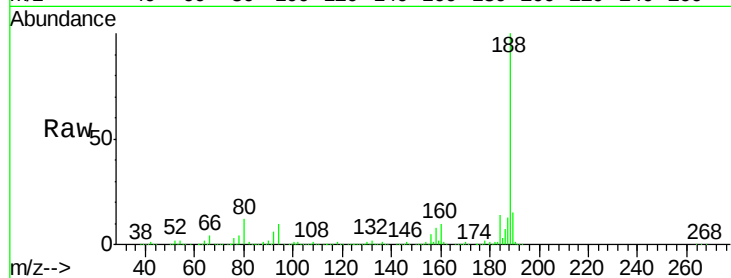
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.7	13.1
80	12.4	10.3	15.5

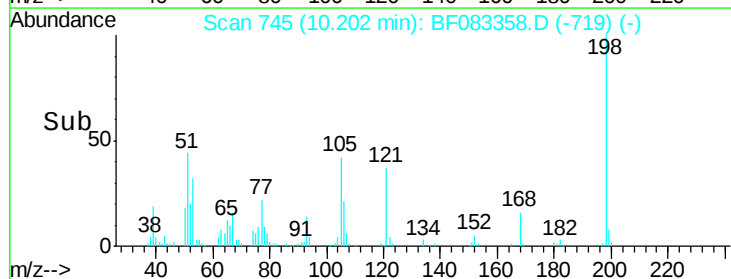
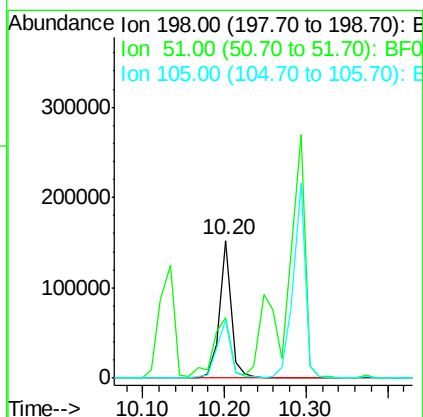
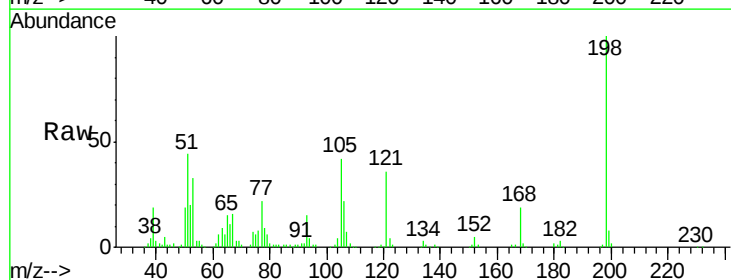
Manual Integrations
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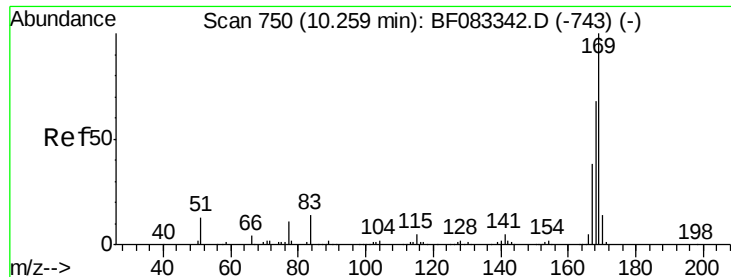
Mmdadoda
12/1/2015 6:35:08 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.53 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.9	38.3	78.3
105	41.7	29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 33.35 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

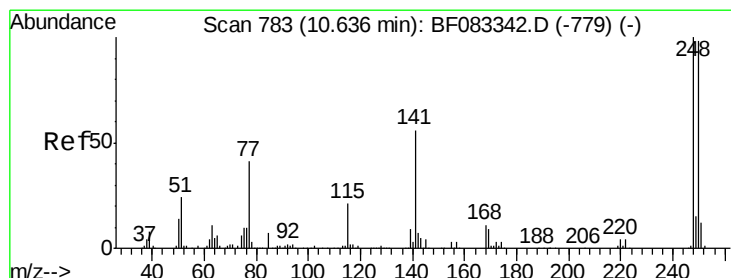
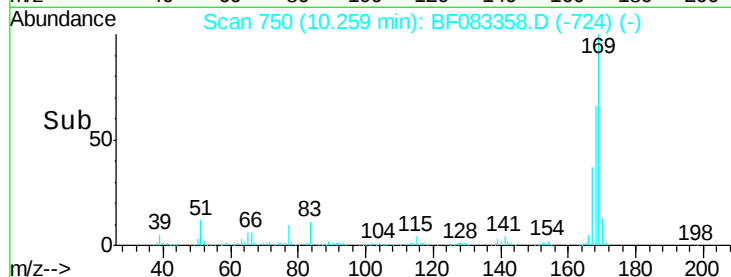
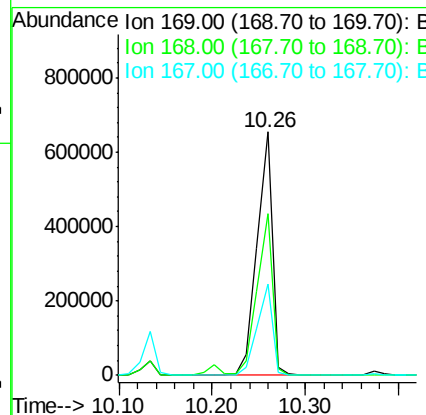
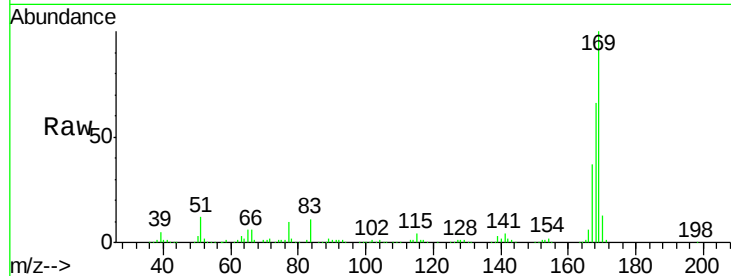
ClientSampleId :

PB86903BS

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Tgt Ion	Ratio	Resp	Lower	Upper
169	100	747526		
168	66.5	54.8	82.2	
167	37.3	30.2	45.2	



#66

4-Bromophenyl-phenylether

Concen: 33.44 ng

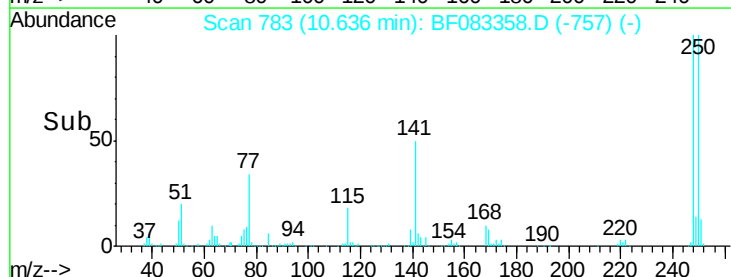
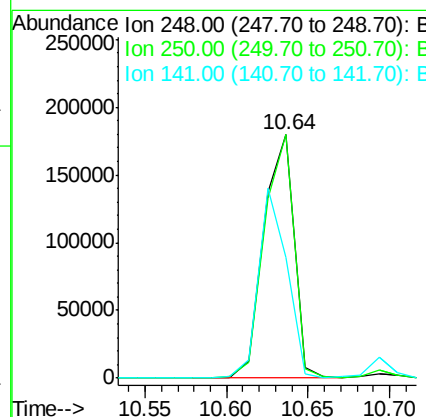
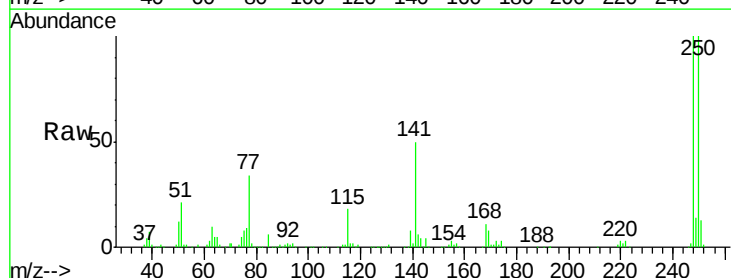
RT: 10.64 min Scan# 783

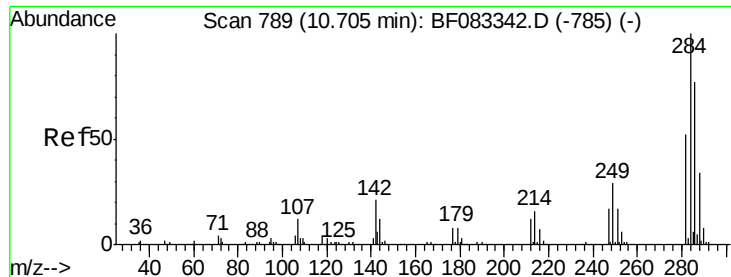
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	233295		
250	99.9	78.6	118.0	
141	49.6	44.4	66.6	





#67

Hexachlorobenzene

Concen: 33.11 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF083358.D

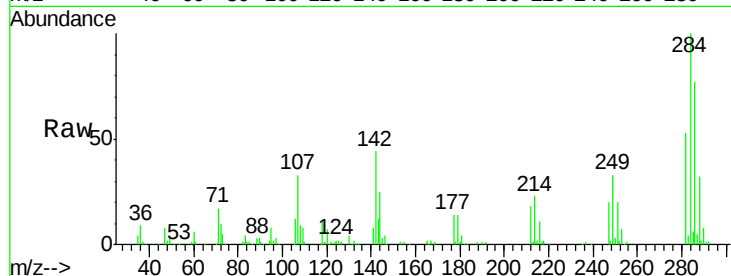
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampled :

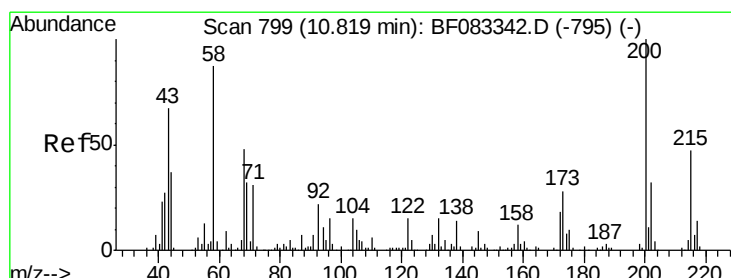
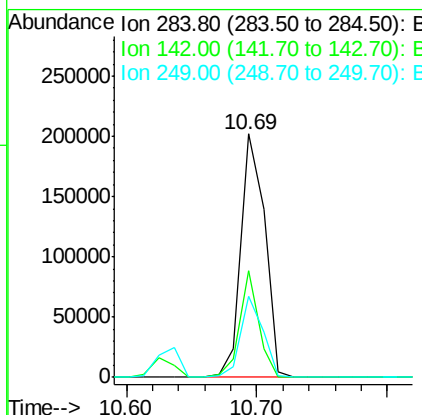
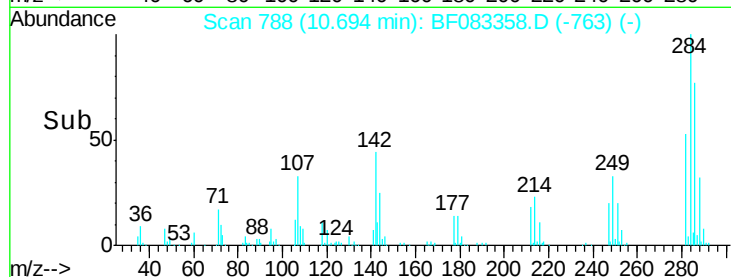
PB86903BS



Tgt Ion:	284	Resp:	255466
Ion Ratio	Lower	Upper	
284	100		
142	43.7	16.6	24.8#
249	33.4	23.0	34.4

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#68

Atrazine

Concen: 35.83 ng

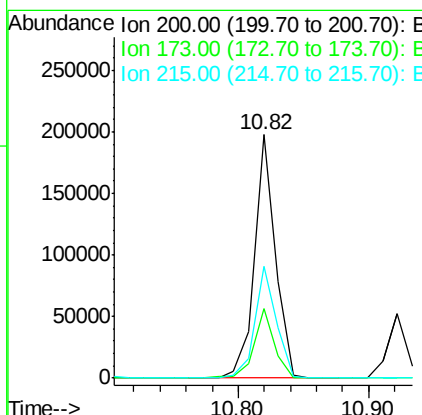
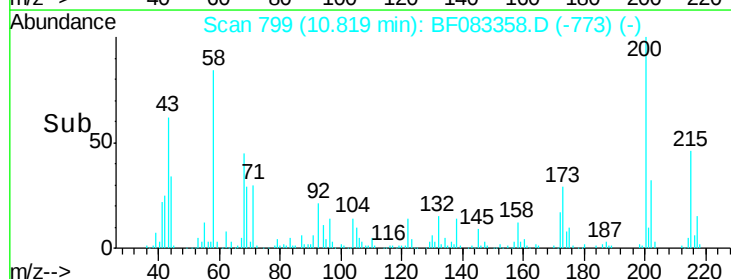
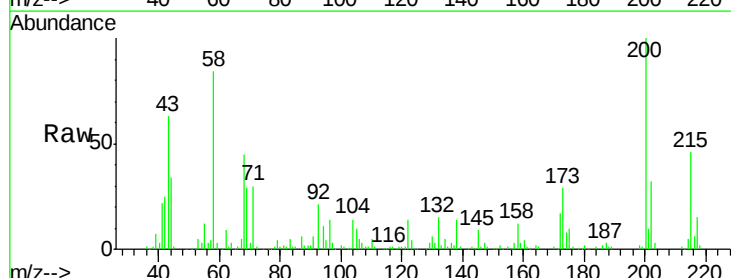
RT: 10.82 min Scan# 799

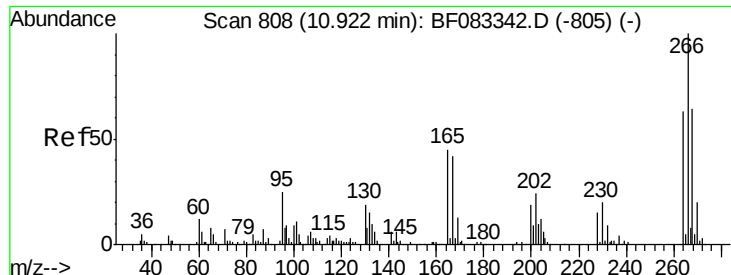
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	200	Resp:	222118
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.3	48.3
215	45.9	26.7	66.7





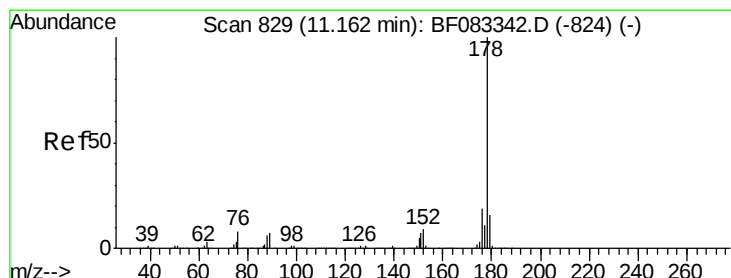
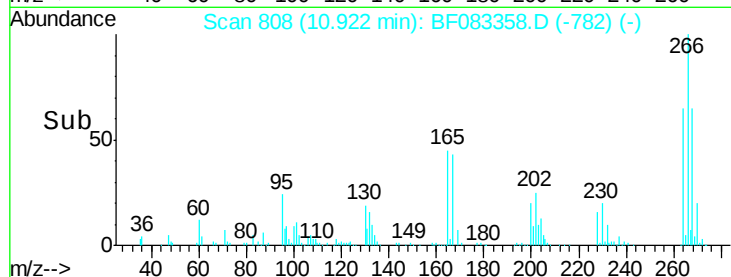
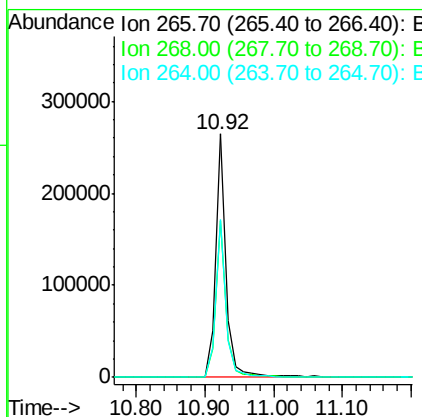
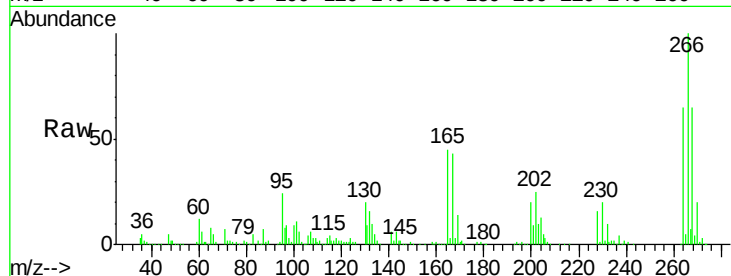
#69
 Pentachlorophenol
 Concen: 70.15 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	283493		
268	64.5	51.5	77.3	
264	64.7	50.4	75.6	

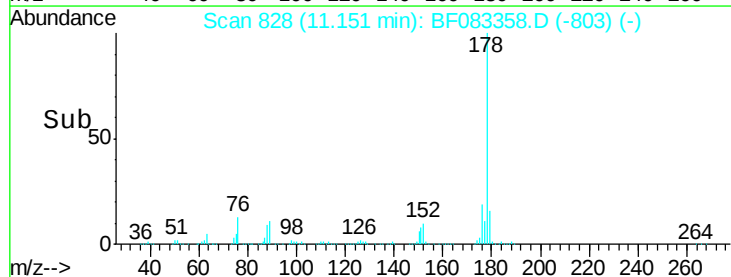
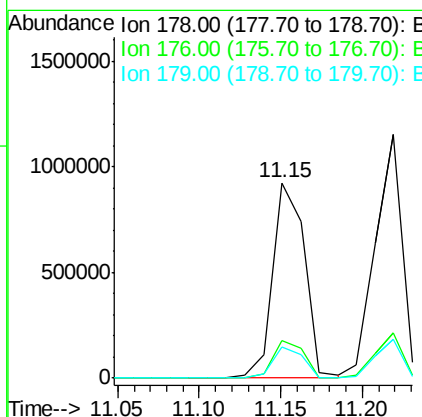
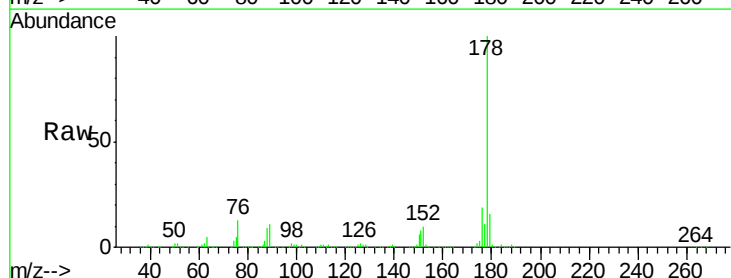
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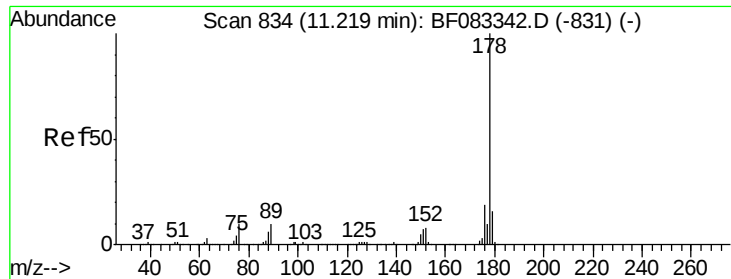
Mmdadoda
 12/1/2015 6:35:08 PM



#70
 Phenanthrene
 Concen: 33.16 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1251732		
176	19.2	15.3	22.9	
179	15.8	12.4	18.6	





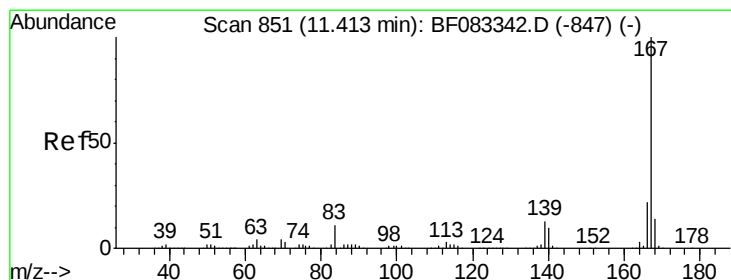
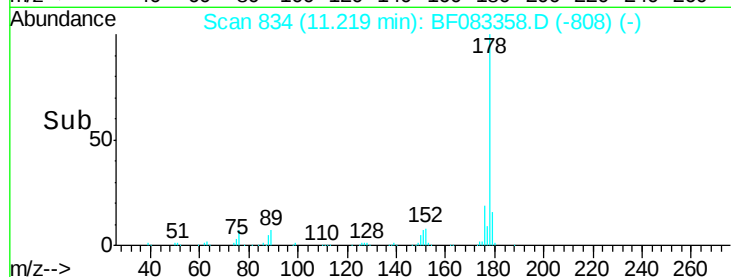
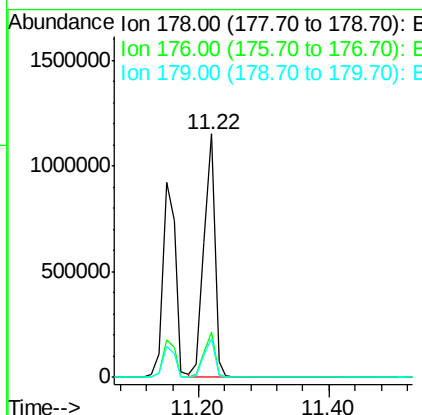
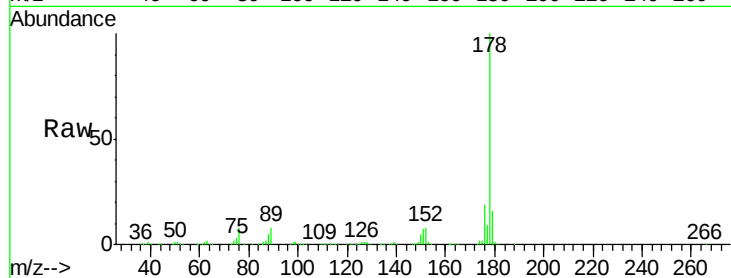
#71
 Anthracene
 Concen: 35.14 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion:178 Resp: 1335183
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 16.0 12.8 19.2

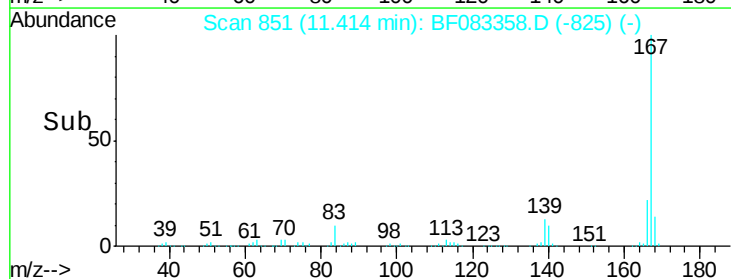
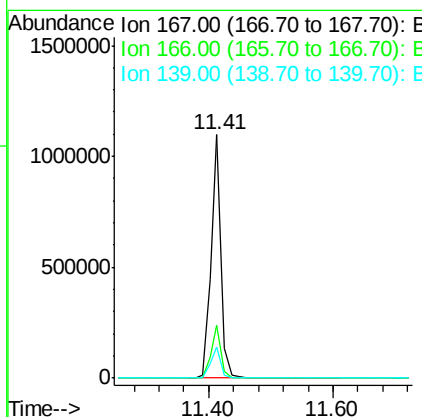
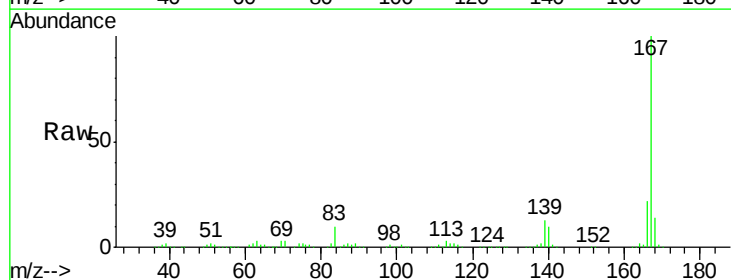
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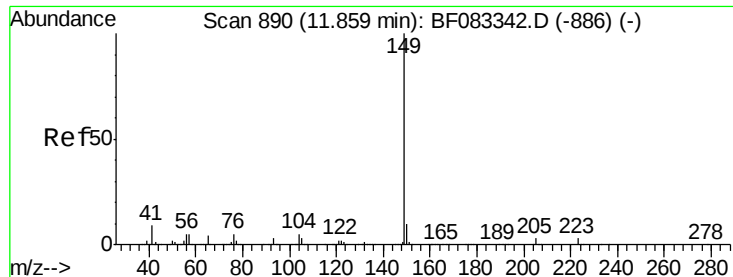
Mmdadoda
 12/1/2015 6:35:08 PM



#72
 Carbazole
 Concen: 34.82 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion:167 Resp: 1188669
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.6 10.5 15.7





#73

Di-n-butylphthalate

Concen: 34.13 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

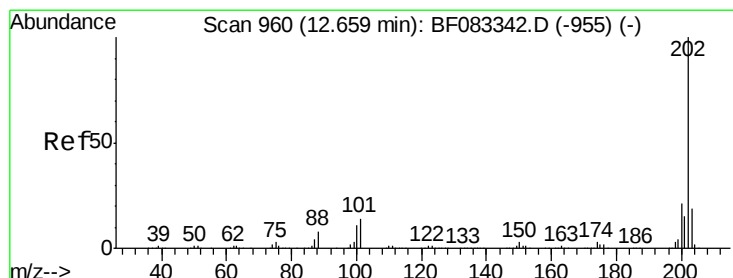
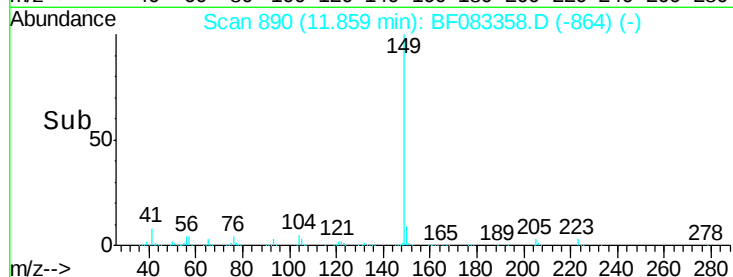
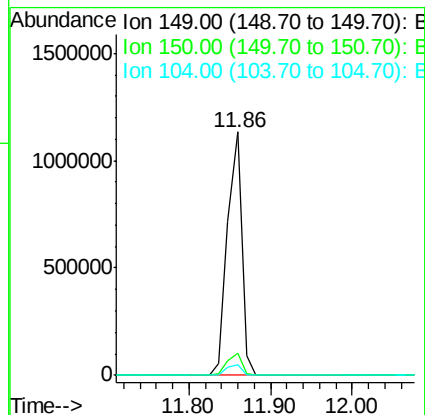
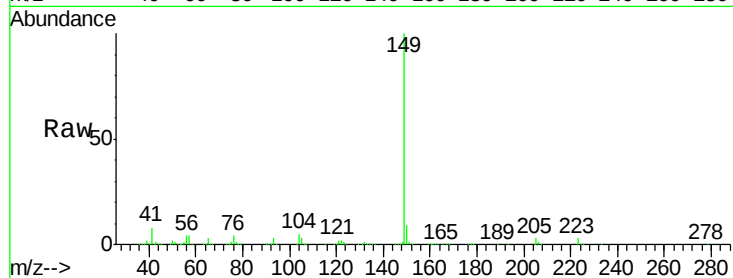
ClientSampleId :

PB86903BS

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Tgt Ion:	149	Resp:	1380771
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.6	4.0	6.0



#74

Fluoranthene

Concen: 34.01 ng

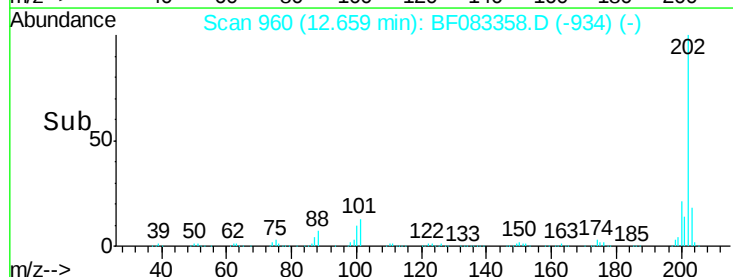
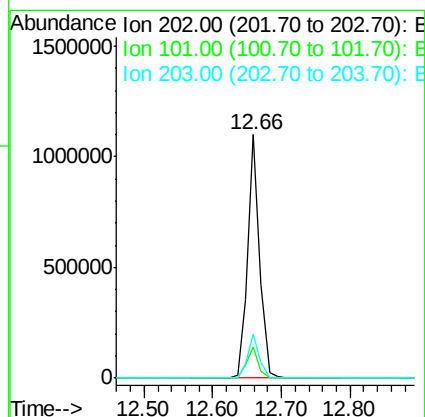
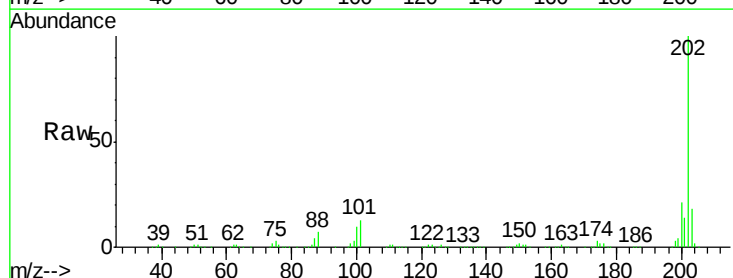
RT: 12.66 min Scan# 960

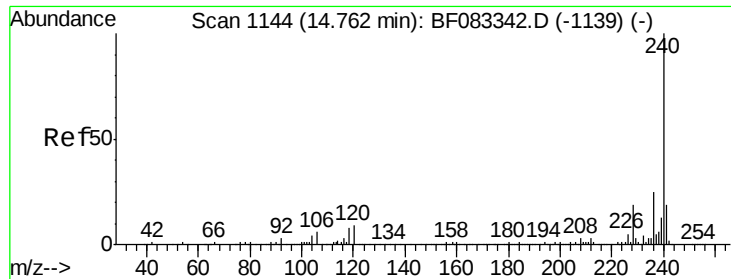
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	202	Resp:	1330532
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.5
203	18.0	0.0	38.7





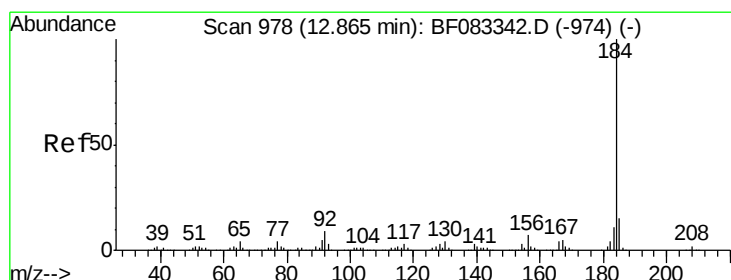
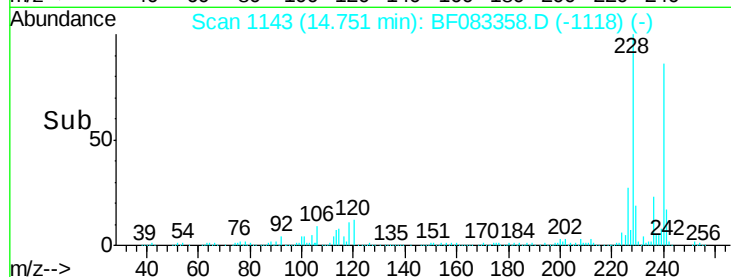
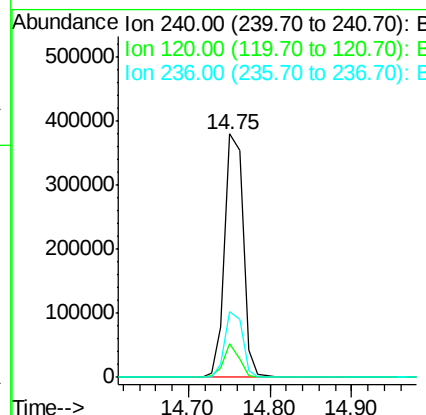
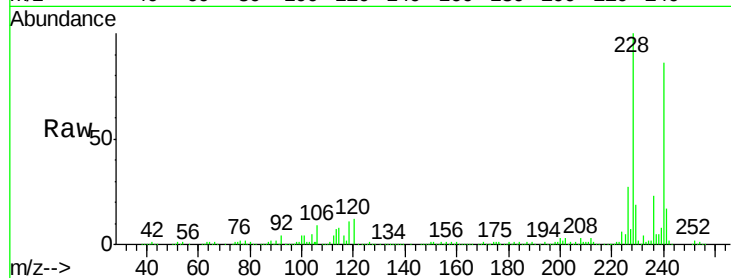
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	598016		
120	14.0	6.9	10.3#	
236	27.1	19.8	29.6	

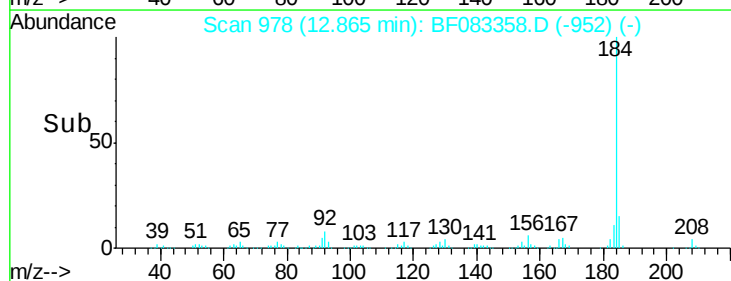
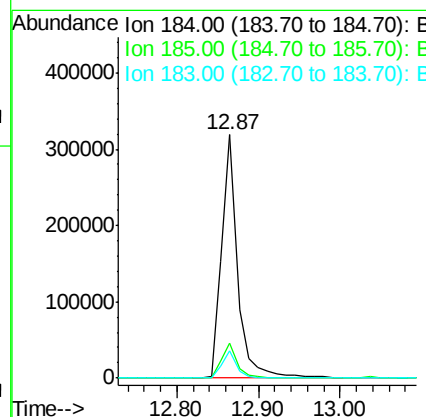
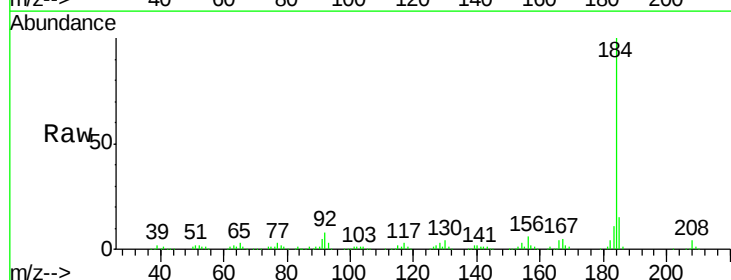
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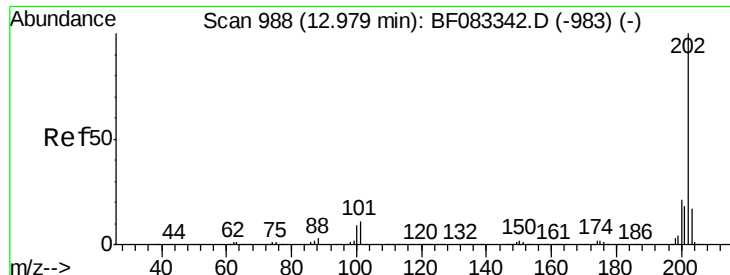
Mmdadoda
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#76
Benzidine
Concen: 24.31 ng
RT: 12.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	433008		
185	14.6	12.4	18.6	
183	11.2	9.0	13.4	





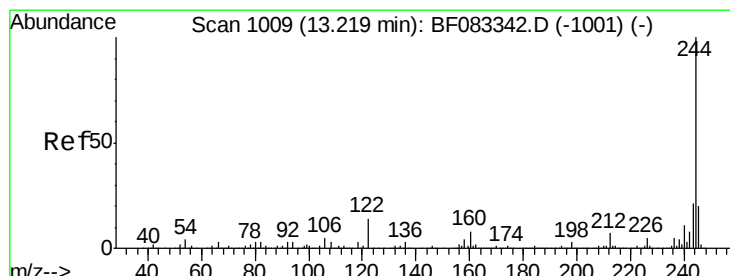
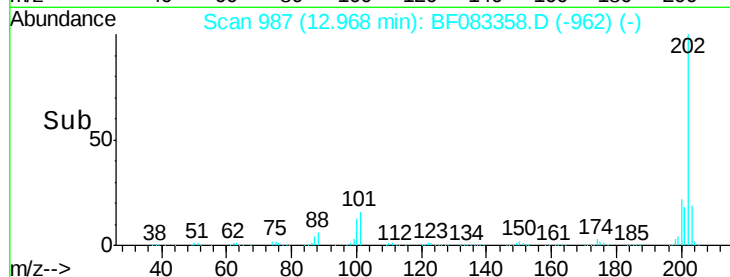
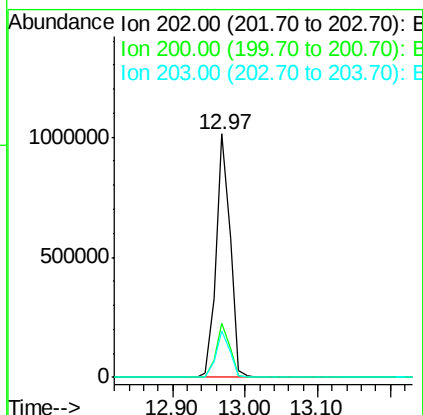
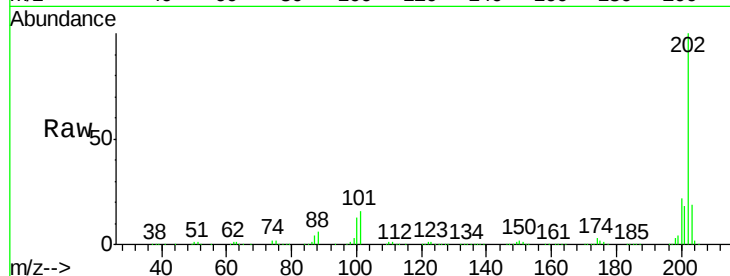
#77
 Pyrene
 Concen: 32.56 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	19.0	13.9	20.9

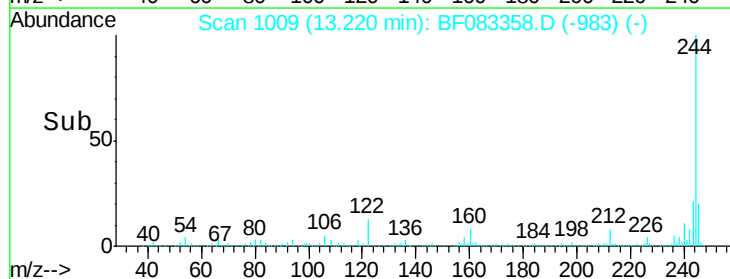
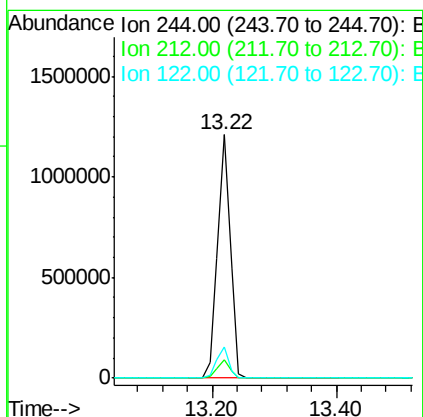
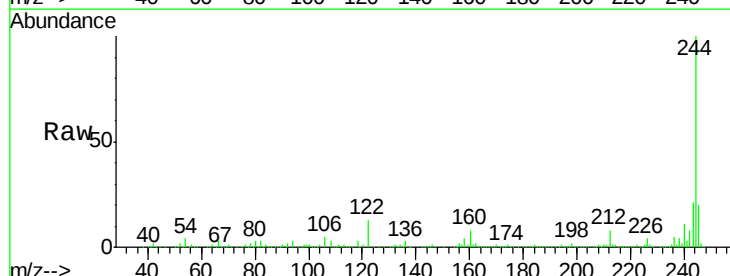
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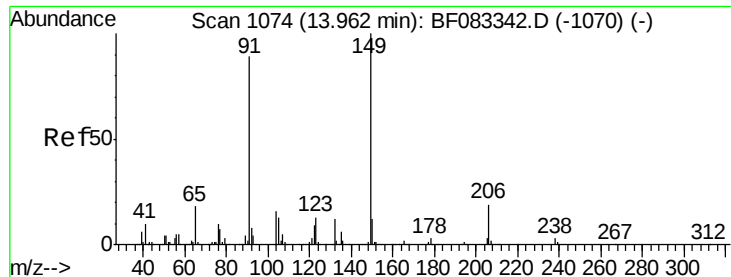
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#78
 Terphenyl-d14
 Concen: 67.58 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.8	11.0	16.4





#79

Butylbenzylphthalate

Concen: 33.38 ng

RT: 13.96 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF083358.D

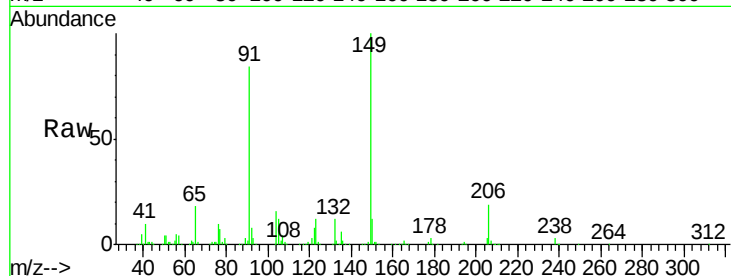
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

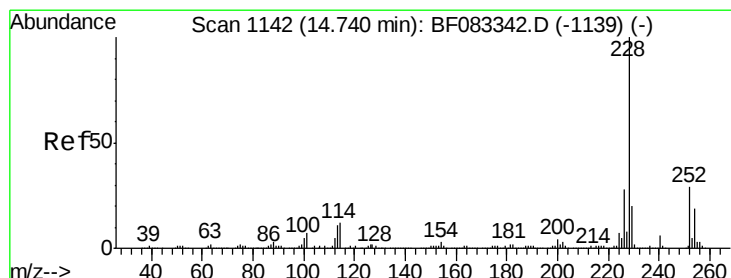
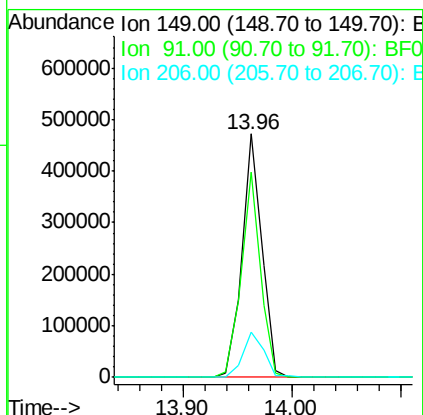
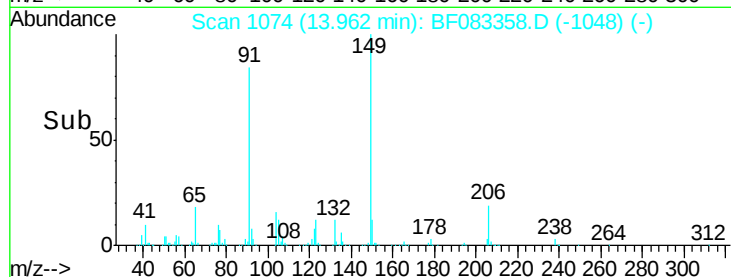
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Tgt Ion:	149	Resp:	591444
Ion Ratio	Lower	Upper	
149	100		
91	84.4	71.4	107.2
206	18.7	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 33.32 ng

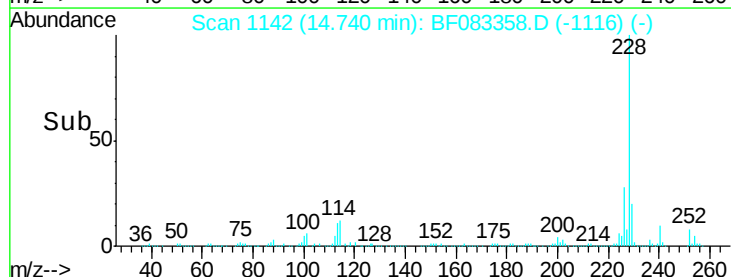
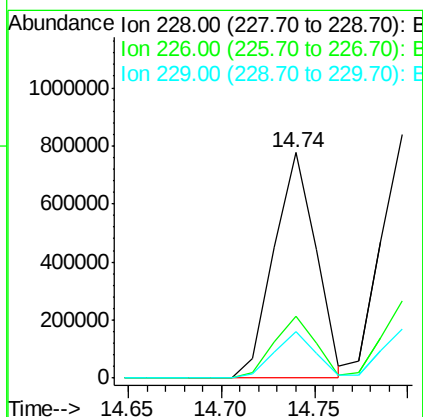
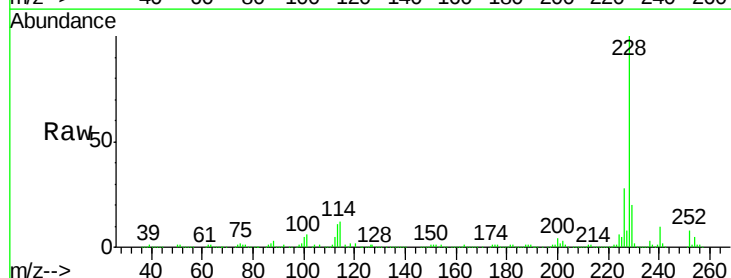
RT: 14.74 min Scan# 1142

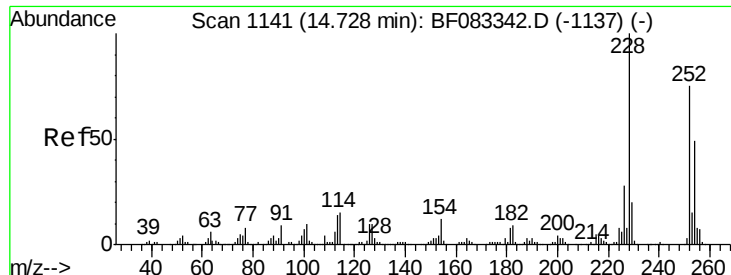
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	228	Resp:	1220774
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.4	16.1	24.1





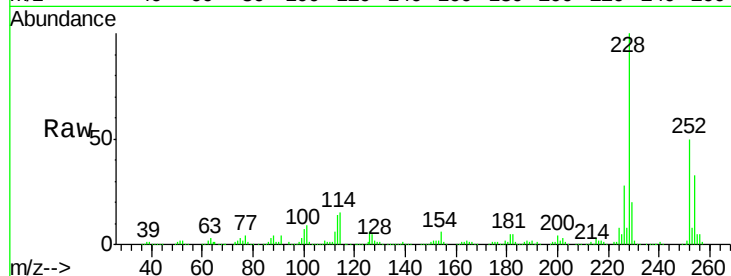
#81
 3,3'-Dichlorobenzidine
 Concen: 23.39 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

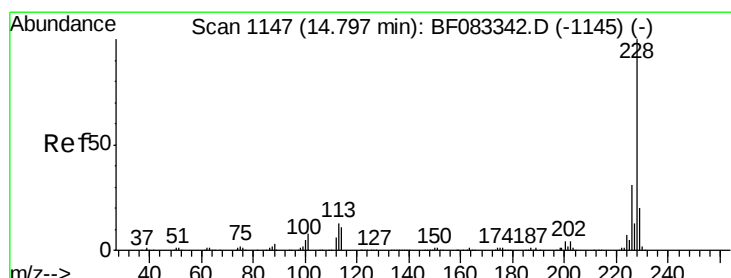
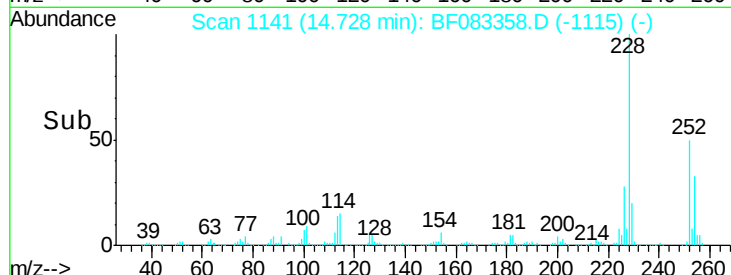
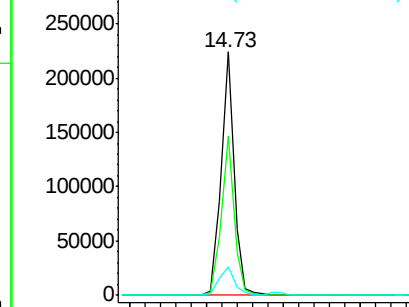
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.0	78.0
126	11.5	10.7	16.1

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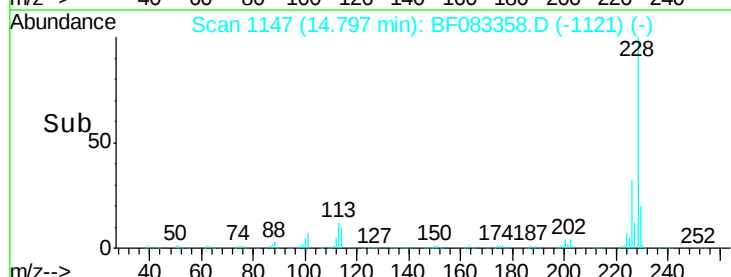
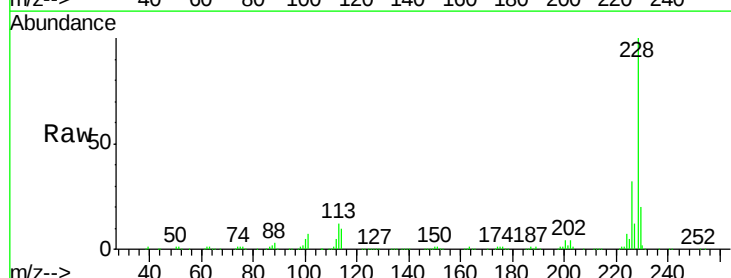
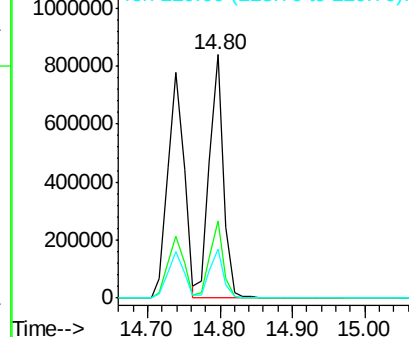
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

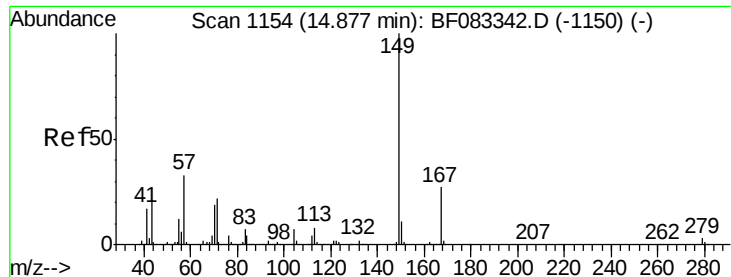


#82
 Chrysene
 Concen: 32.04 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	20.3	16.2	24.2

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: 34.35 ng

RT: 14.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

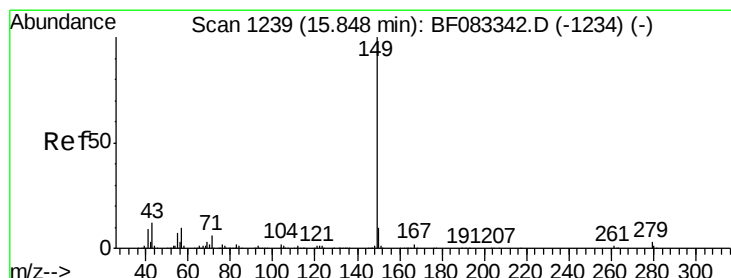
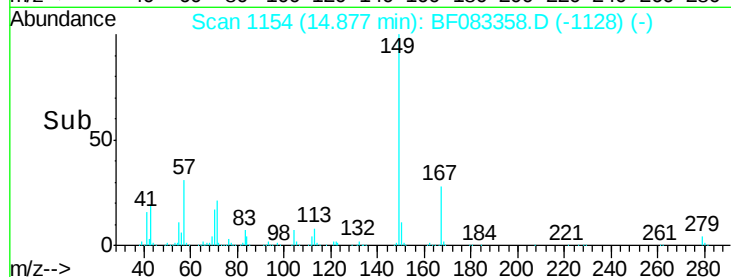
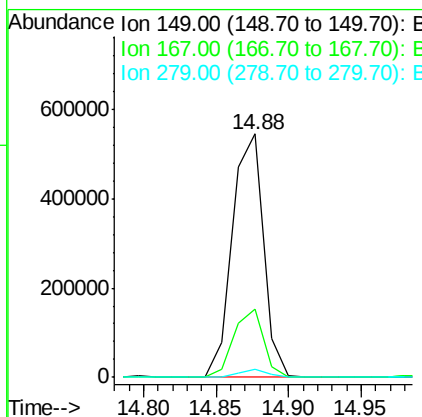
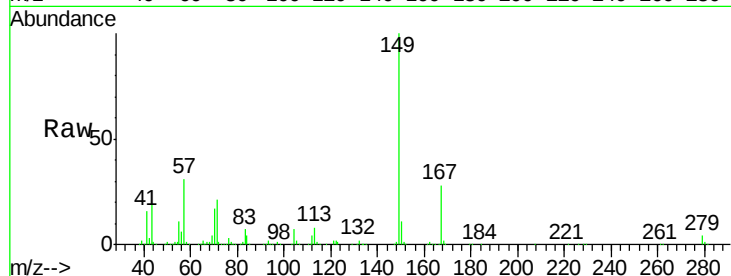
ClientSampleId :

PB86903BS

Tgt Ion:	149	Resp:	816321
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.5	32.3
279	3.6	2.6	3.8

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#84

Di-n-octyl phthalate

Concen: 37.56 ng

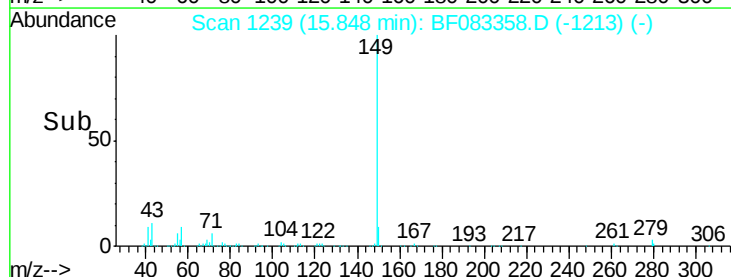
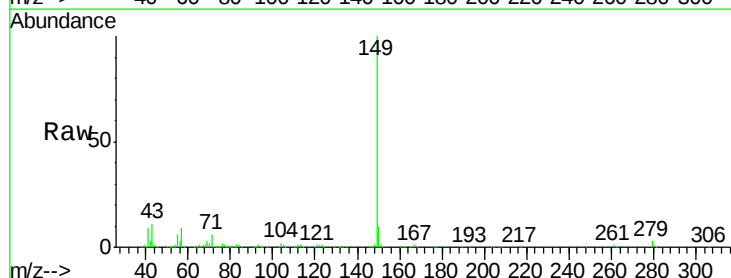
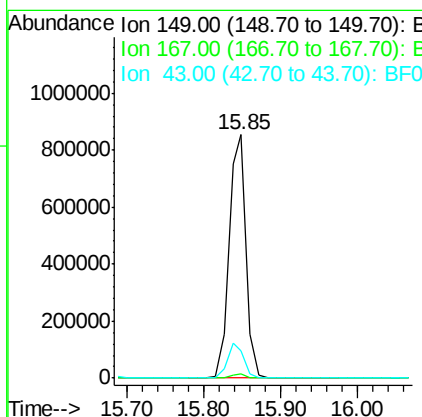
RT: 15.85 min Scan# 1239

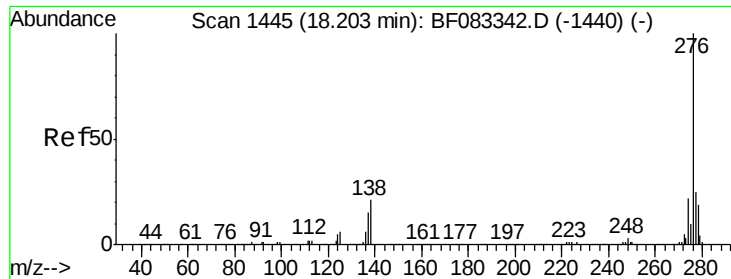
Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:	149	Resp:	1329271
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.9	11.0	16.6





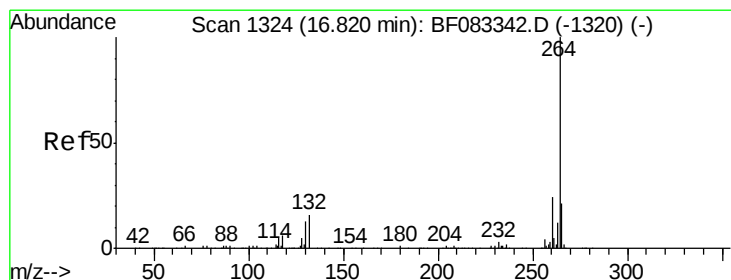
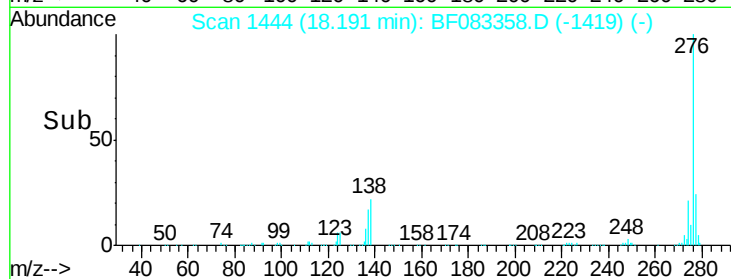
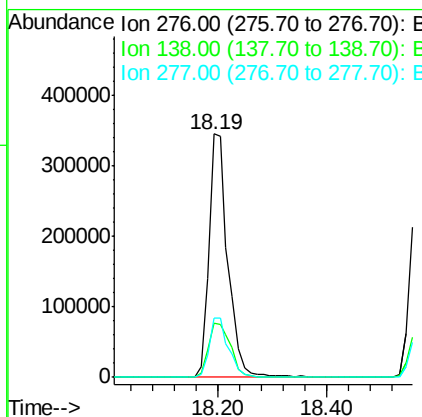
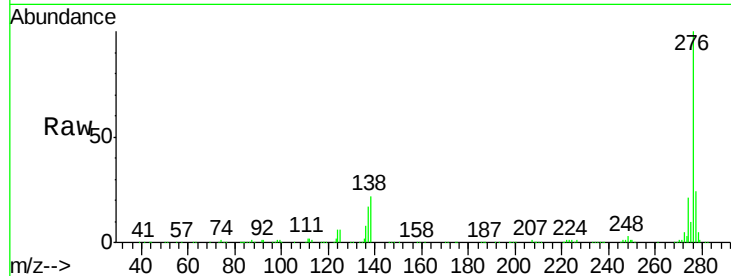
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.78 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	24.9	20.0	30.0

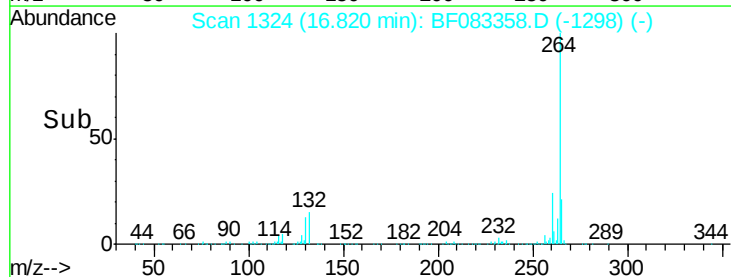
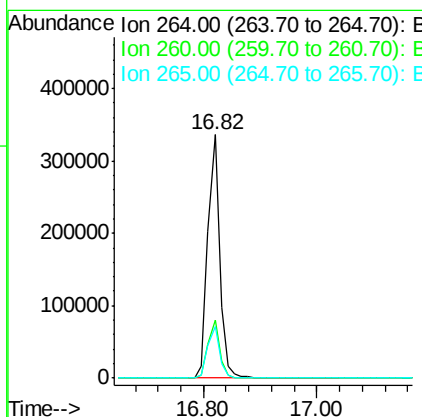
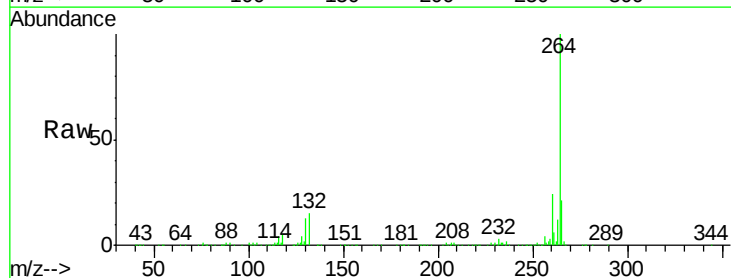
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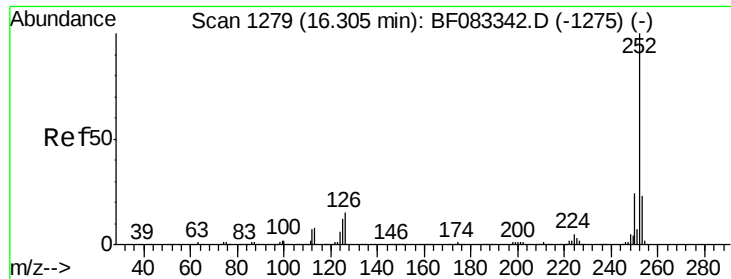
Mmdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.1	16.8	25.2





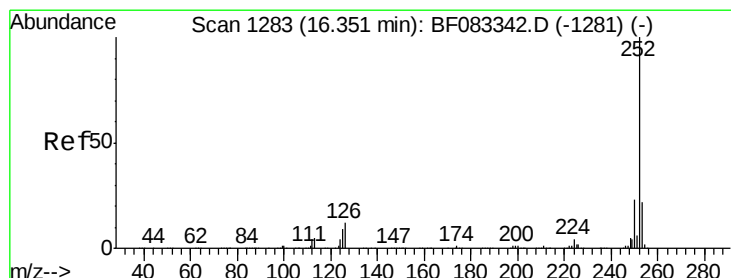
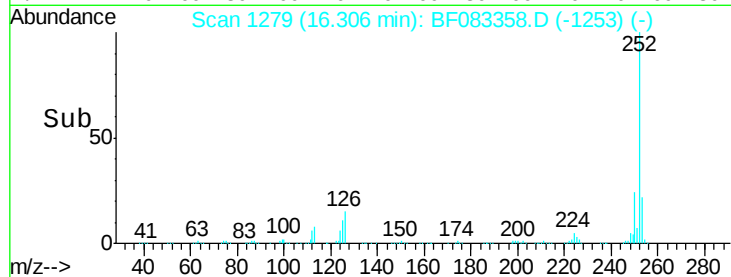
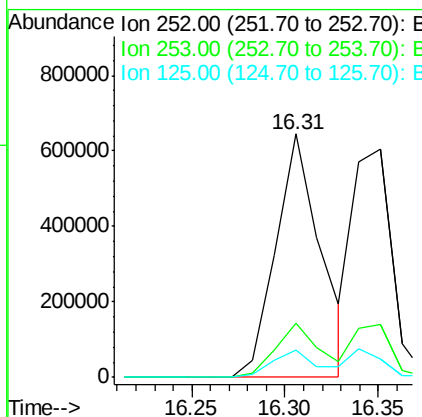
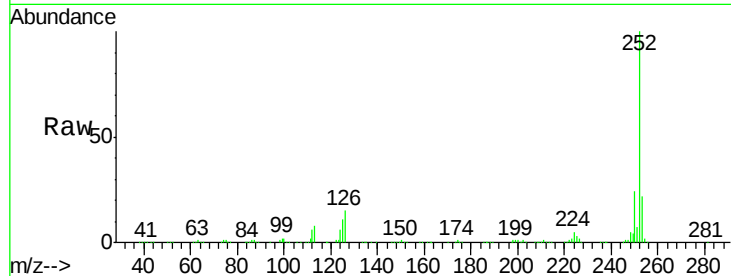
#87
Benzo(b)fluoranthene
Concen: 35.84 ng
RT: 16.31 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion:252 Resp: 1084853
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 11.0 9.6 14.4

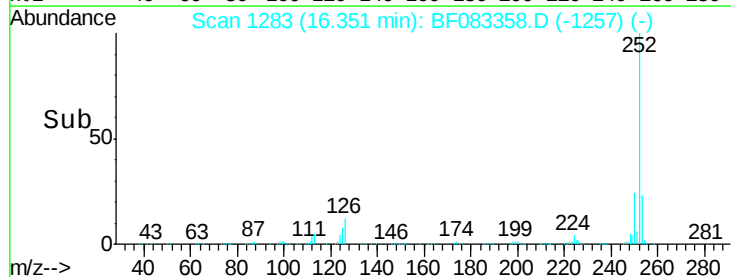
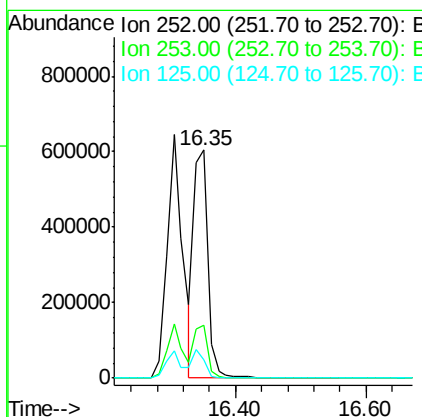
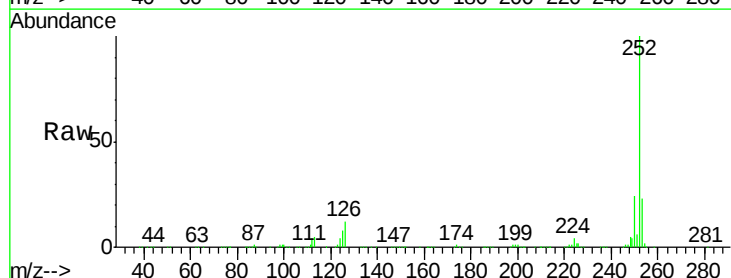
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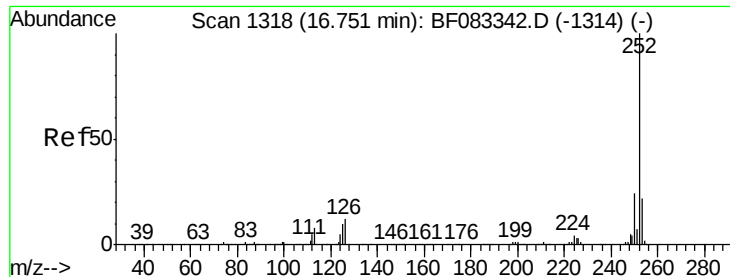
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#88
Benzo(k)fluoranthene
Concen: 31.34 ng
RT: 16.35 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:252 Resp: 895879
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 8.1 7.5 11.3





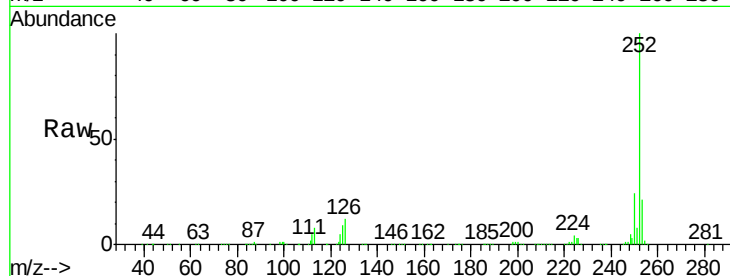
#89
Benzo(a)pyrene
Concen: 35.54 ng
RT: 16.75 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

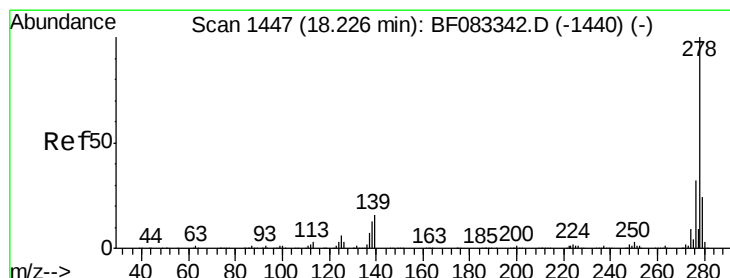
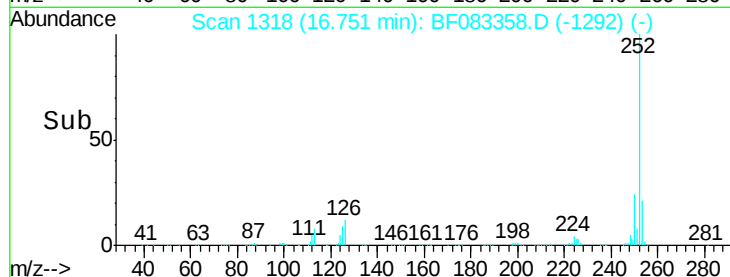
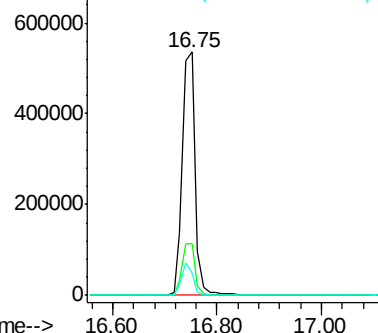
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	9.2	7.8	11.8

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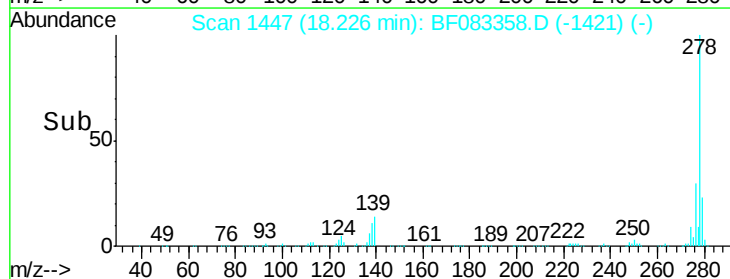
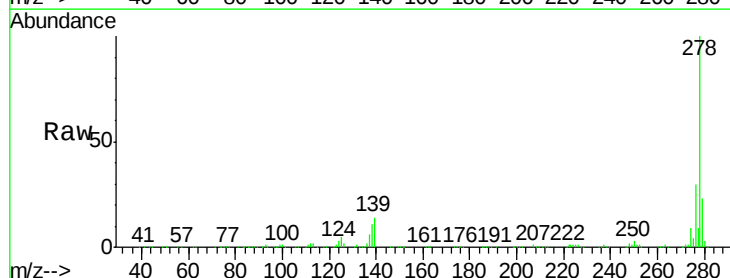
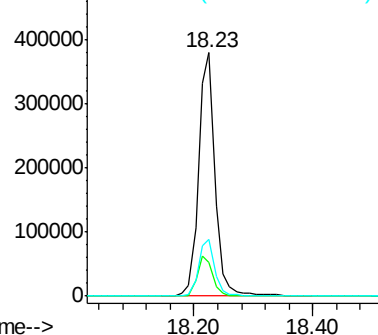
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

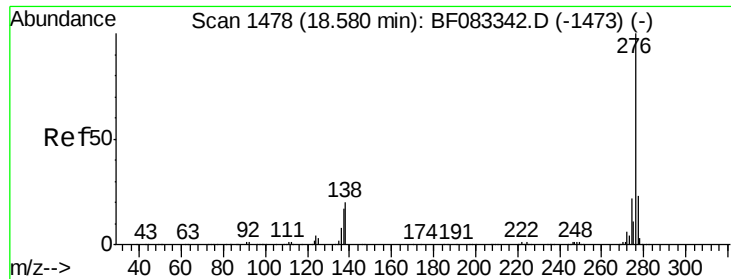


#90
Dibenzo(a,h)anthracene
Concen: 32.01 ng
RT: 18.23 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	13.1	19.7
279	23.3	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





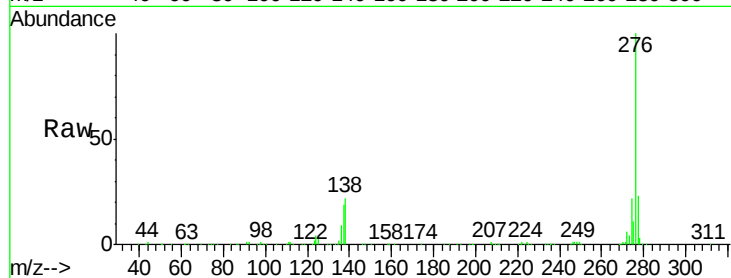
#91
 Benzo(g,h,i)perylene
 Concen: 31.12 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt	Ion	276	Resp:	692000
Ion	Ratio	Lower	Upper	
276	100			
277	22.8	18.6	28.0	
138	21.9	16.1	24.1	

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

