

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083503.D
 Acq On : 5 Dec 2015 1:54
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:45 PM

Quant Time: Dec 05 03:55:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131597	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	511188	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	247430	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	462509	20.00	ng	0.00
75) Chrysene-d12	17.05	240	352767	20.00	ng	0.00
86) Perylene-d12	18.67	264	295377	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1060612	120.86	ng	0.00
7) Phenol-d6	5.33	99	1409139	117.38	ng	0.01
23) Nitrobenzene-d5	6.60	82	1325837	114.27	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	270226	109.41	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	2010314	114.21	ng	0.00
78) Terphenyl-d14	15.49	244	1828741	120.73	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	255293	53.96	ng	97
3) Pyridine	2.30	79	682534	56.89	ng	99
4) n-Nitrosodimethylamine	2.27	42	327536	56.67	ng	98
6) Aniline	5.32	93	909910	55.38	ng	98
8) 2-Chlorophenol	5.48	128	566612	58.72	ng	96
9) Benzaldehyde	5.16	77	387900	62.45	ng	100
10) Phenol	5.34	94	833106	58.00	ng	81
11) bis(2-Chloroethyl)ether	5.44	93	580142	55.03	ng	96
12) 1,3-Dichlorobenzene	5.69	146	633668	58.87	ng	98
13) 1,4-Dichlorobenzene	5.79	146	641182	57.93	ng	99
14) 1,2-Dichlorobenzene	6.01	146	578580	56.40	ng	98
15) Benzyl Alcohol	6.01	79	503048	54.94	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.20	45	1102238	59.50	ng	92
17) 2-Methylphenol	6.20	107	467067	57.91	ng	99
18) Hexachloroethane	6.50	117	226420	58.51	ng	98
19) n-Nitroso-di-n-propylamine	6.41	70	460236	54.38	ng	92
20) 3+4-Methylphenols	6.44	107	626523	57.49	ng	92
22) Acetophenone	6.38	105	875383	57.53	ng	# 96
24) Nitrobenzene	6.64	77	720690	58.09	ng	95
25) Isophorone	7.00	82	1249713	55.86	ng	97
26) 2-Nitrophenol	7.10	139	293048	57.67	ng	95
27) 2,4-Dimethylphenol	7.23	122	504102	59.55	ng	99
28) bis(2-Chloroethoxy)methane	7.36	93	685570	53.57	ng	99
29) 2,4-Dichlorophenol	7.50	162	454420	55.61	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	499370	56.29	ng	99
31) Naphthalene	7.71	128	1577731	56.59	ng	99
32) Benzoic acid	7.53	122	278063	48.55	ng	95
33) 4-Chloroaniline	7.84	127	637212	54.23	ng	93
34) Hexachlorobutadiene	7.93	225	292141	57.58	ng	97
35) Caprolactam	8.45	113	145163	56.85	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	519857	56.95	ng	96
37) 2-Methylnaphthalene	8.81	142	974947	53.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	476902	60.03	ng	# 100
40) Hexachlorocyclopentadiene	9.07	237	176098	49.97	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	311022	56.90	nq	97
43) 2,4,5-Trichlorophenol	9.37	196	318976	56.74	nq	97
45) 1,1'-Biphenyl	9.57	154	1259651	57.69	nq	99
46) 2-Chloronaphthalene	9.58	162	951073	57.13	nq	97
47) 2-Nitroaniline	9.79	65	363719	56.51	nq	# 82
48) Acenaphthylene	10.24	152	1561779	58.55	nq	100
49) Dimethylphthalate	10.12	163	1135049	55.91	nq	99
50) 2,6-Dinitrotoluene	10.20	165	250975	58.61	nq	91
51) Acenaphthene	10.52	154	902180	57.77	nq	97
52) 3-Nitroaniline	10.46	138	270411	55.15	nq	86
53) 2,4-Dinitrophenol	10.65	184	118384	54.20	nq	93
54) Dibenzofuran	10.81	168	1252037	54.92	nq	98
55) 4-Nitrophenol	10.82	139	144553m	47.67	nq	
56) 2,4-Dinitrotoluene	10.85	165	332262	60.73	nq	# 85
57) Fluorene	11.36	166	1071257	58.78	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	236834	52.49	nq	# 100
59) Diethylphthalate	11.26	149	1104022	57.41	nq	97
60) 4-Chlorophenyl-phenylether	11.39	204	521944	62.37	nq	91
61) 4-Nitroaniline	11.46	138	255522	52.51	nq	89
62) Azobenzene	11.64	77	1254730	55.47	nq	98
64) 4,6-Dinitro-2-methylphenol	11.52	198	185480	60.70	nq	84
65) n-Nitrosodiphenylamine	11.60	169	882798	54.74	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	297169	58.58	nq	93
67) Hexachlorobenzene	12.25	284	318538	57.14	nq	# 87
68) Atrazine	12.51	200	274714	59.84	nq	99
69) Pentachlorophenol	12.59	266	142488	50.46	nq	98
70) Phenanthrene	12.90	178	1507378	54.99	nq	98
71) Anthracene	12.98	178	1569444	56.67	nq	99
72) Carbazole	13.28	167	1359013	54.91	nq	98
73) Di-n-butylphthalate	13.92	149	1702815	57.70	nq	99
74) Fluoranthene	14.82	202	1499319	52.89	nq	98
76) Benzidine	15.08	184	760104	69.59	nq	97
77) Pyrene	15.17	202	1541250	61.37	nq	100
79) Butylbenzylphthalate	16.32	149	637451	59.93	nq	94
80) Benzo(a)anthracene	17.04	228	1154685	53.42	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	378031	55.68	nq	97
82) Chrysene	17.08	228	1156935	54.96	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	826912	58.22	nq	100
84) Di-n-octyl phthalate	17.92	149	1218416	58.68	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1108597	70.67	nq	# 100
87) Benzo(b)fluoranthene	18.29	252	891652m	47.56	nq	
88) Benzo(k)fluoranthene	18.33	252	973808m	54.36	nq	
89) Benzo(a)pyrene	18.63	252	896570	54.81	nq	# 95
90) Dibenzo(a,h)anthracene	19.93	278	936027	64.21	nq	98
91) Benzo(g,h,i)perylene	20.28	276	956423	66.37	nq	95

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

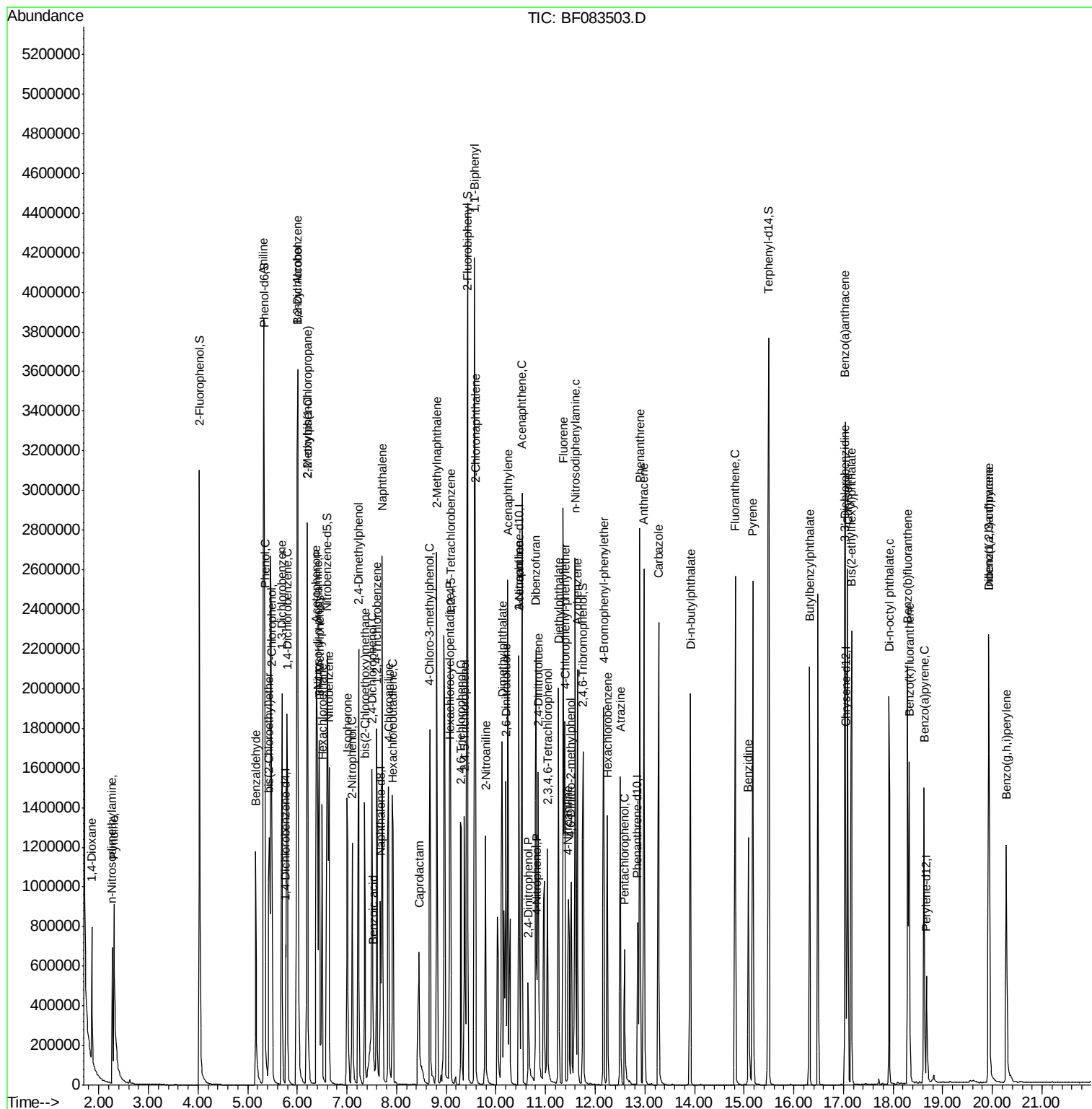
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Operator  : UM/IZ
Sample    : SSTDICC060
Misc      :
ALS Vial  : 8    Sample Multiplier: 1
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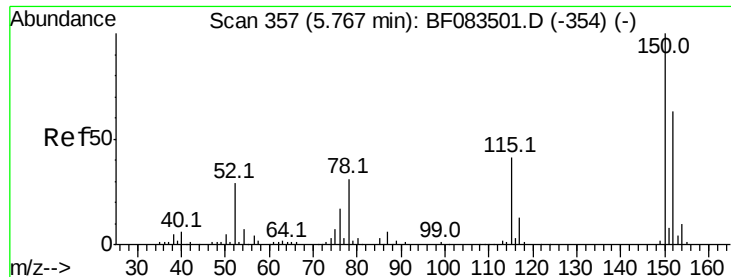
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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#1

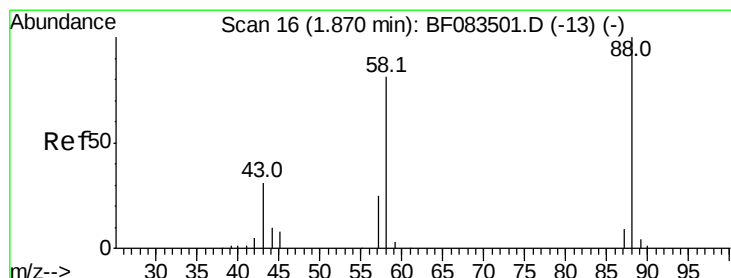
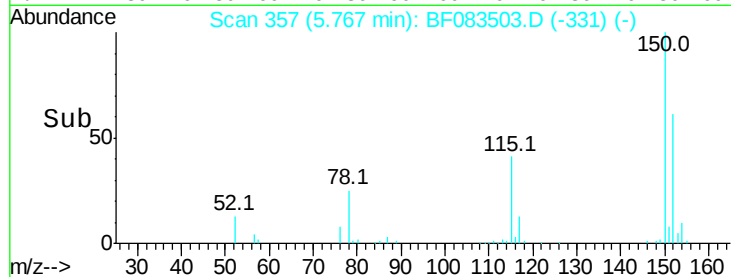
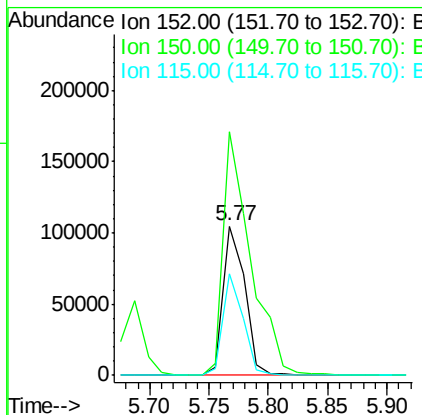
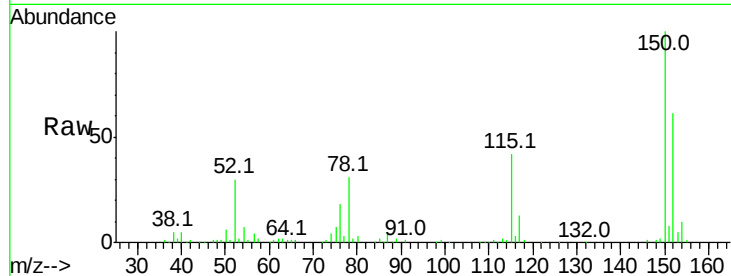
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	126.5	189.7
115	68.1	52.3	78.5

Manual Integrations
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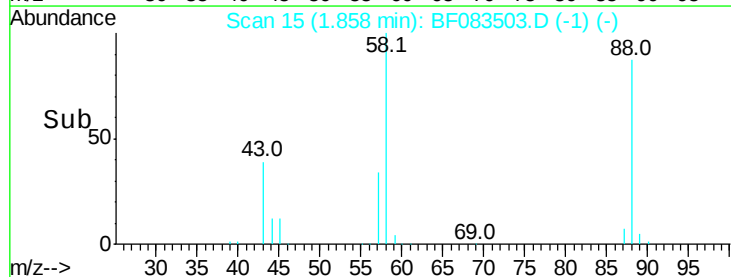
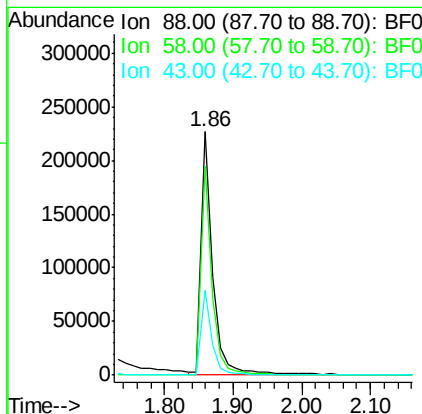
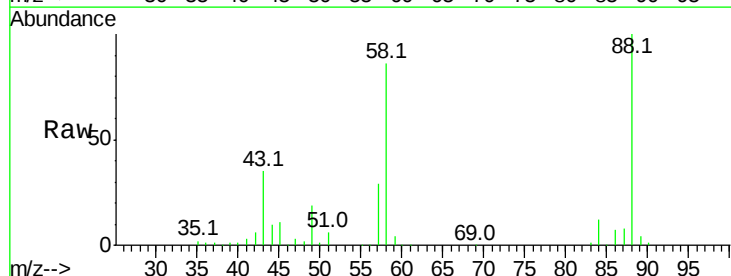
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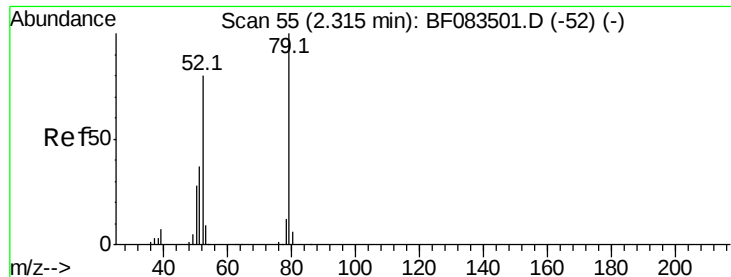


#2

1,4-Dioxane
Concen: 53.96 ng
RT: 1.86 min Scan# 15
Delta R.T. -0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	68.0	102.0
43	33.9	27.9	41.9





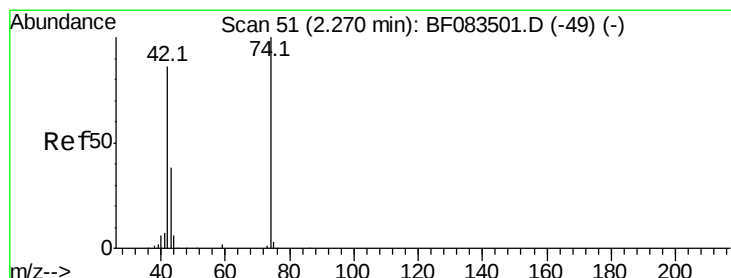
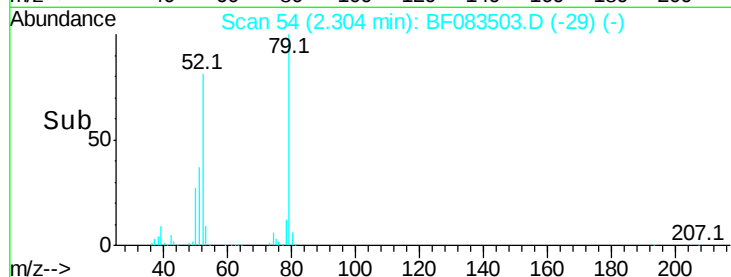
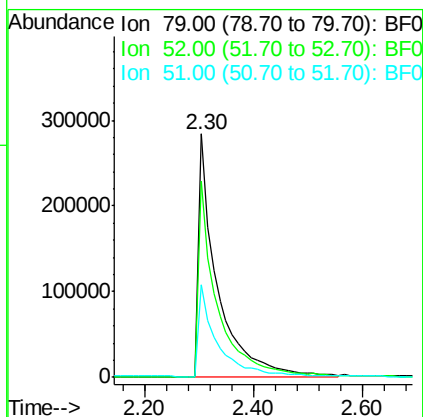
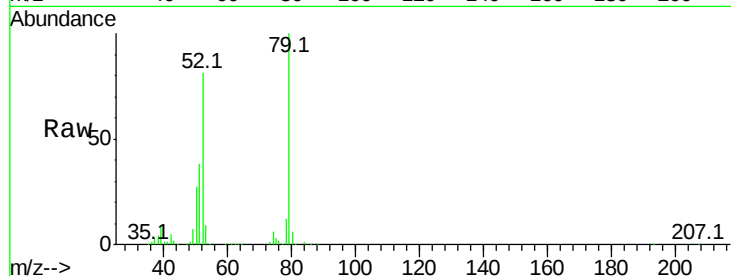
#3
 Pvridine
 Concen: 56.89 ng
 RT: 2.30 min Scan# 54
 Delta R.T. -0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.7	63.7	95.5
51	38.0	30.6	45.8

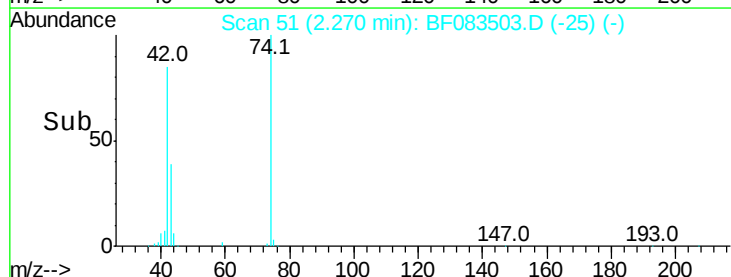
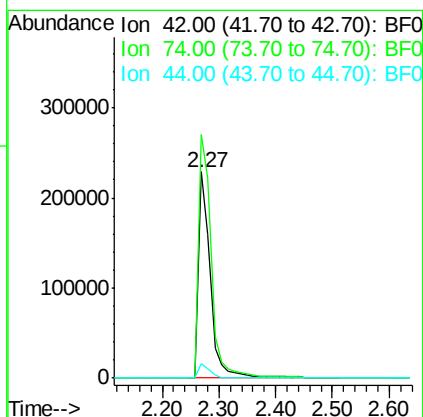
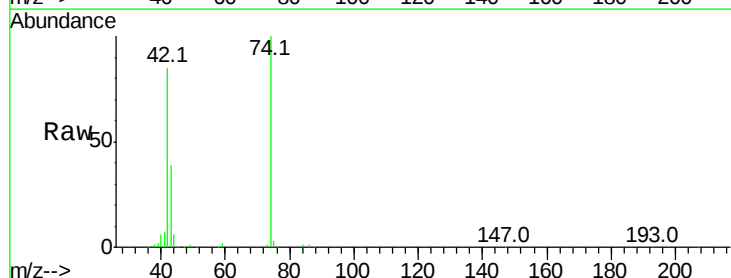
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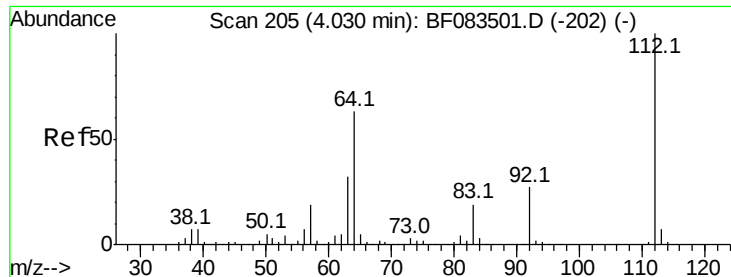
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#4
 n-Nitrosodimethylamine
 Concen: 56.67 ng
 RT: 2.27 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.0	92.9	139.3
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 120.86 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

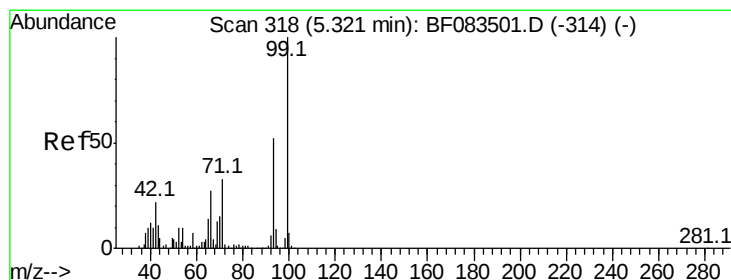
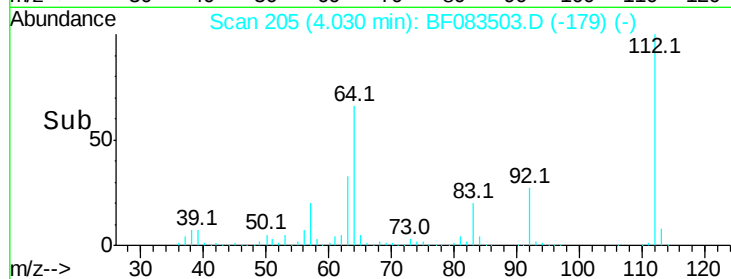
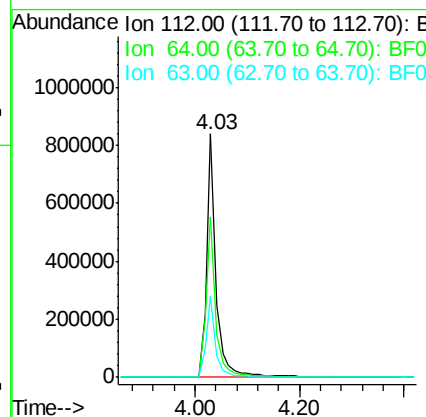
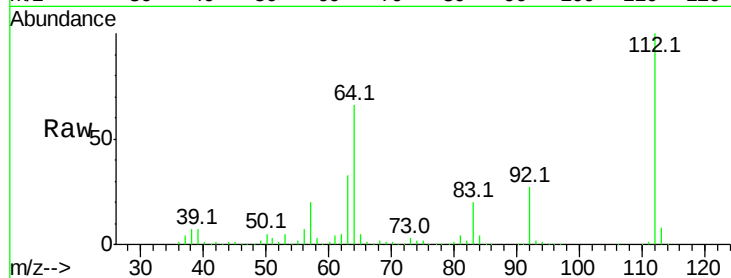
ClientSampleId :

SSTDICC060

Tot Ion:	112	Resp:	1060612
Ion Ratio	Lower	Upper	
112	100		
64	65.9	50.5	75.7
63	33.3	25.8	38.6

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#6

Aniline

Concen: 55.38 ng

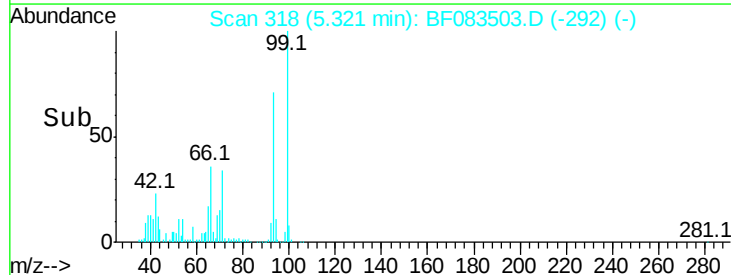
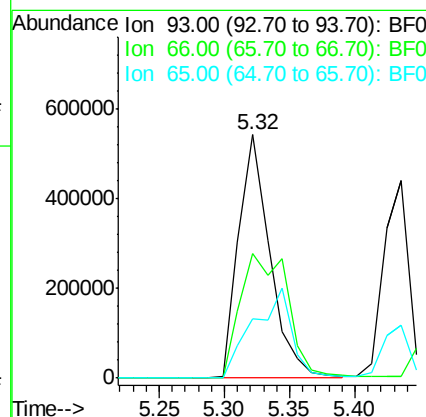
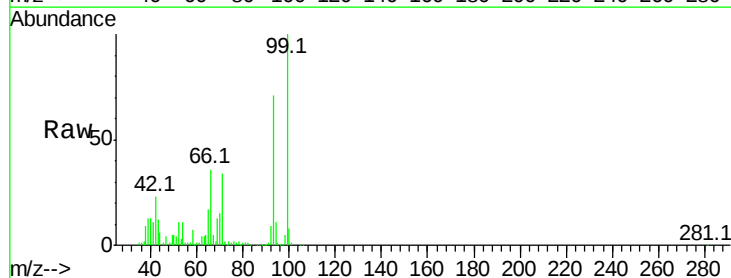
RT: 5.32 min Scan# 318

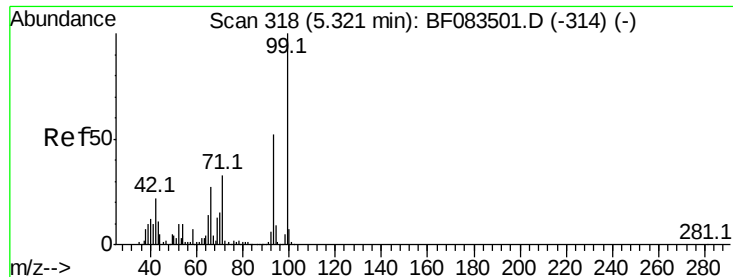
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	93	Resp:	909910
Ion Ratio	Lower	Upper	
93	100		
66	51.1	41.3	61.9
65	24.2	20.8	31.2





#7

Phenol-d6

Concen: 117.38 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1409139

Ion Ratio Lower Upper

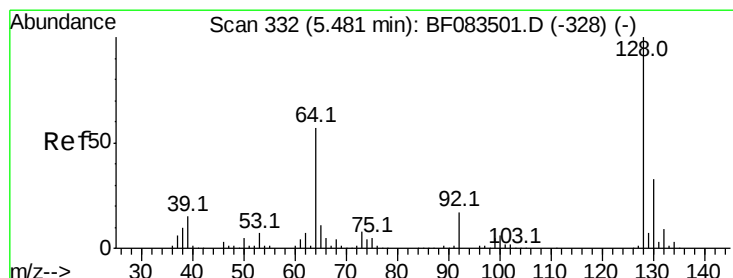
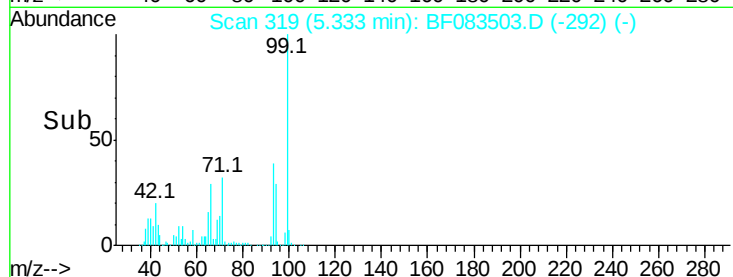
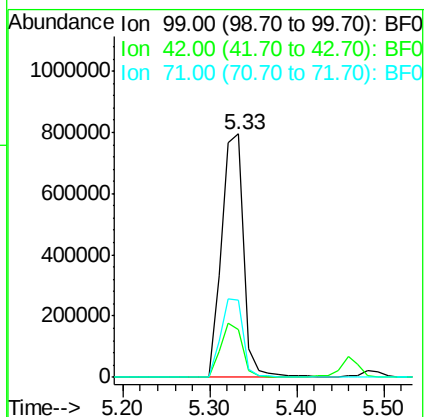
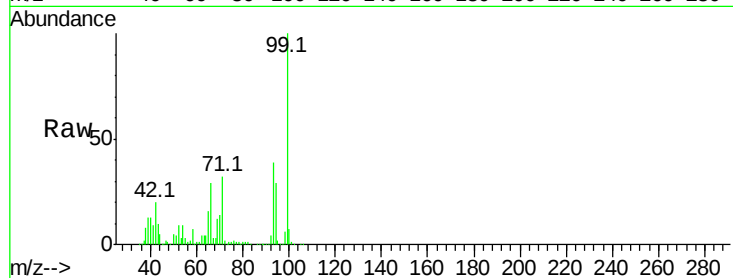
99 100

42 19.6 17.3 25.9

71 31.7 26.6 40.0

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#8

2-Chlorophenol

Concen: 58.72 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

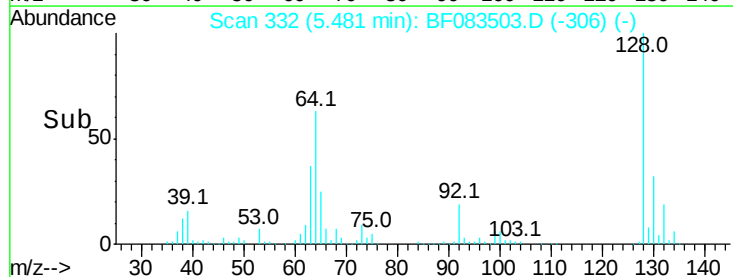
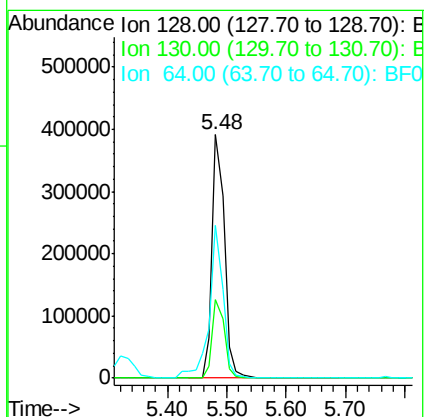
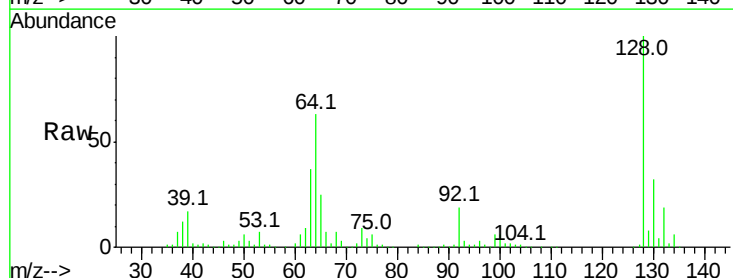
Tgt Ion:128 Resp: 566612

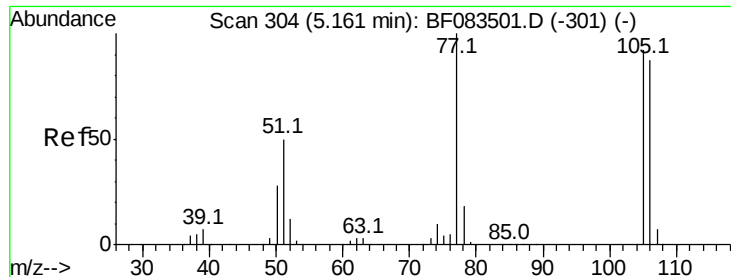
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 62.9 38.6 78.6





#9

Benzaldehyde

Concen: 62.45 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

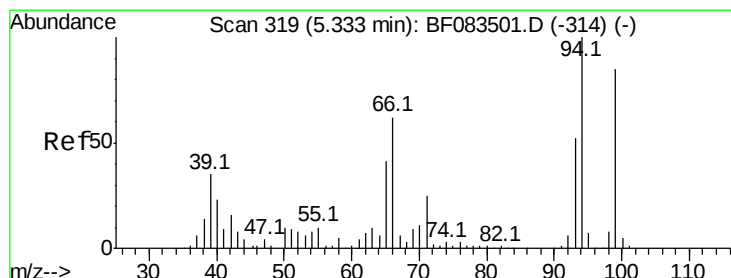
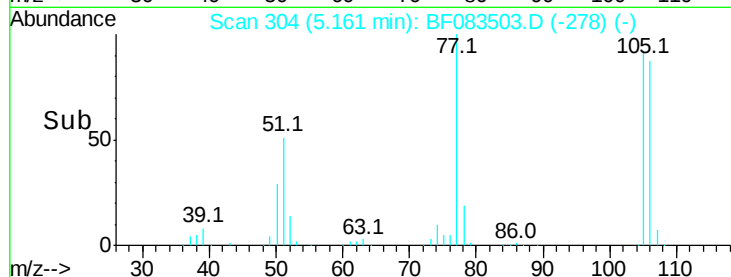
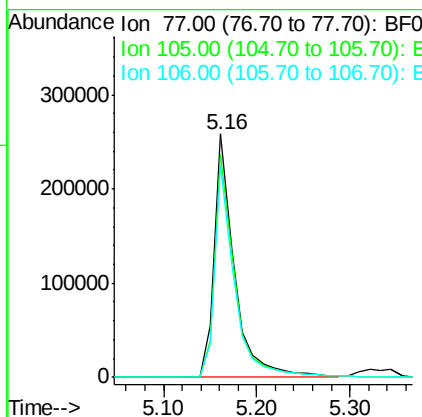
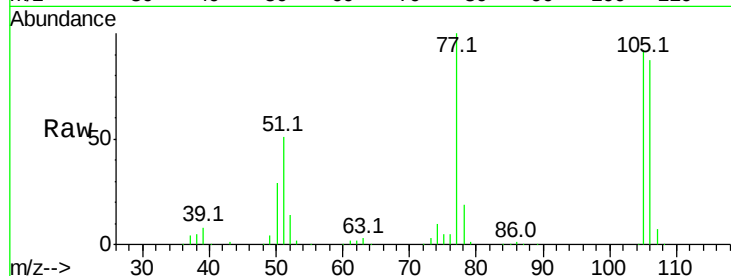
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	387900
Ion Ratio	Lower	Upper	
77	100		
105	91.7	71.8	111.8
106	87.1	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 58.00 ng

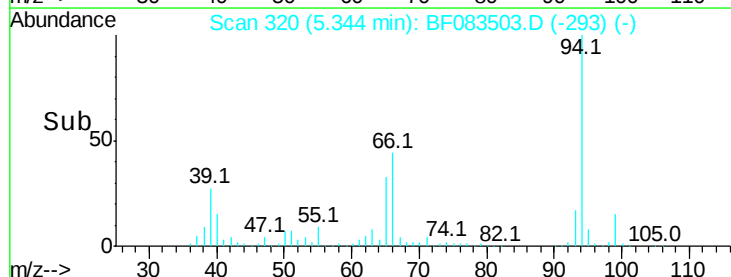
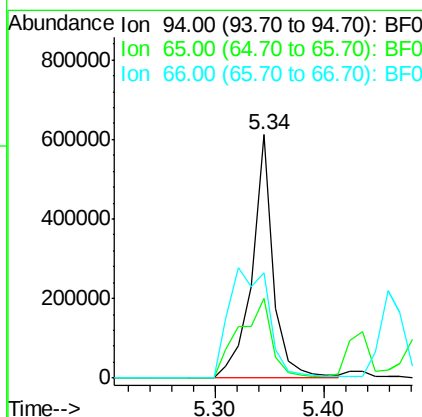
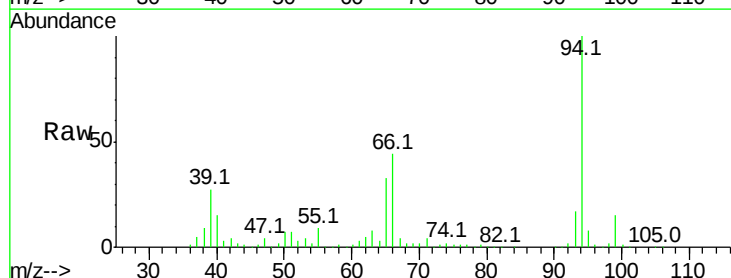
RT: 5.34 min Scan# 320

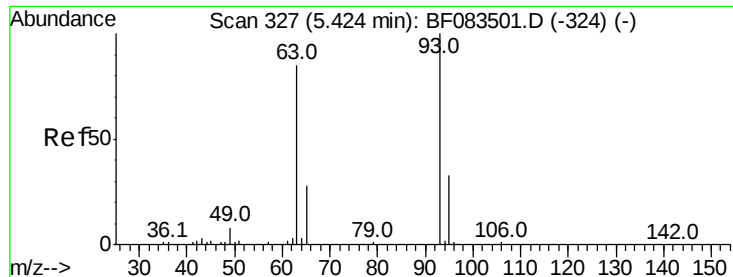
Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	94	Resp:	833106
Ion Ratio	Lower	Upper	
94	100		
65	32.9	20.9	60.9
66	43.5	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 55.03 ng

RT: 5.44 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

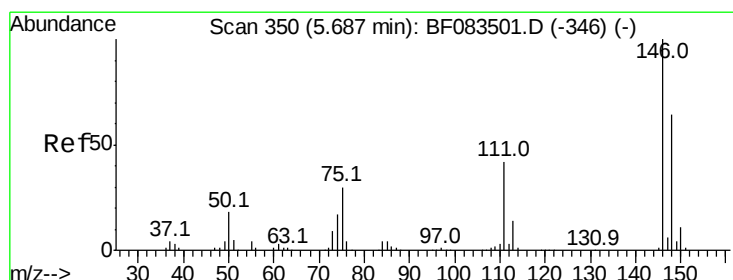
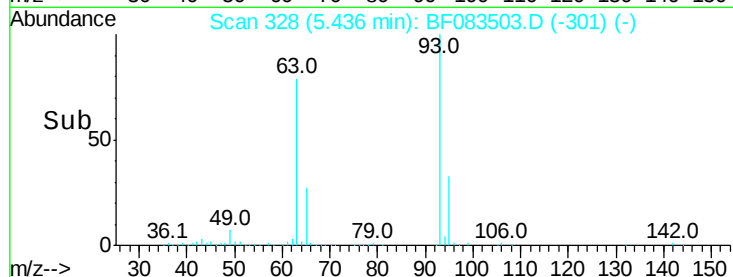
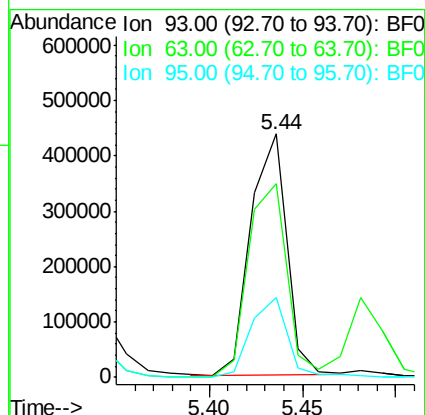
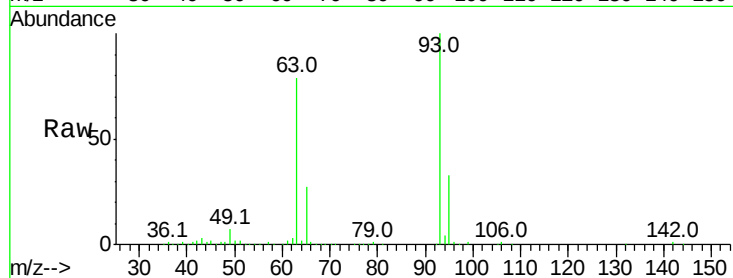
ClientSampleId :

SSTDICC060

Tot Ion:	93	Resp:	580142
Ion Ratio	Lower	Upper	
93	100		
63	79.3	64.7	104.7
95	32.7	12.7	52.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 58.87 ng

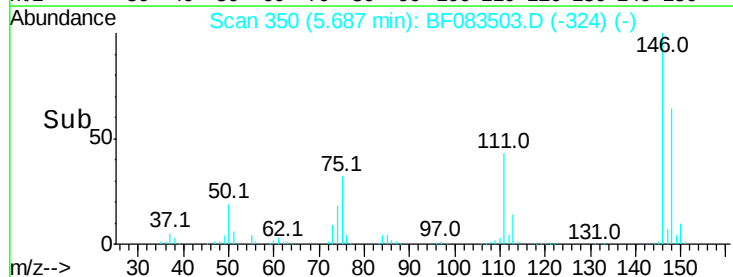
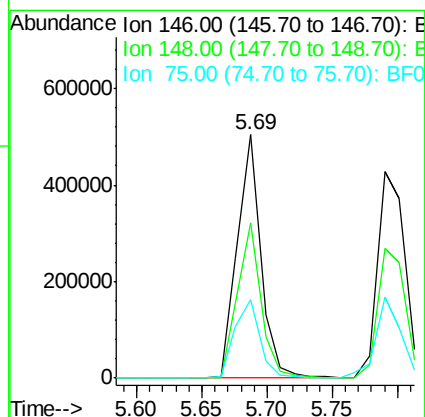
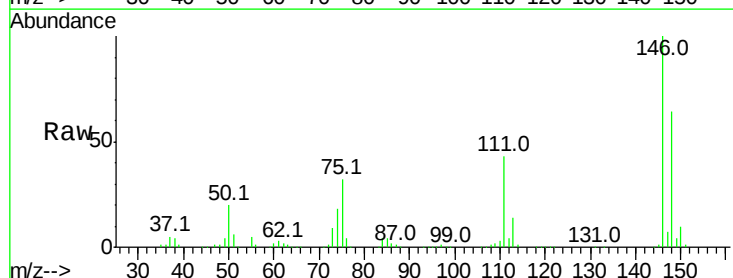
RT: 5.69 min Scan# 350

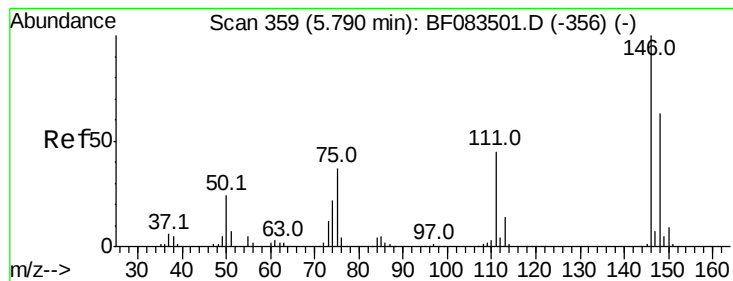
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	146	Resp:	633668
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.3	76.9
75	32.1	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 57.93 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

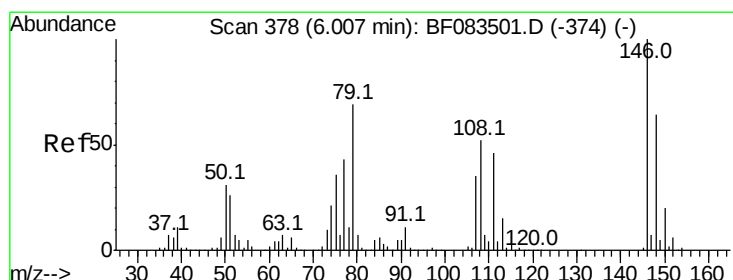
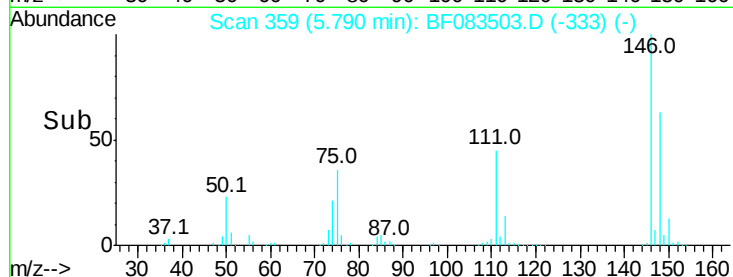
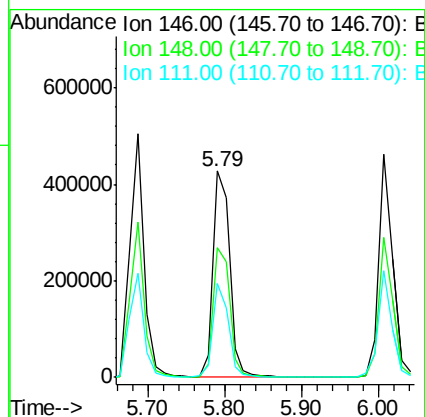
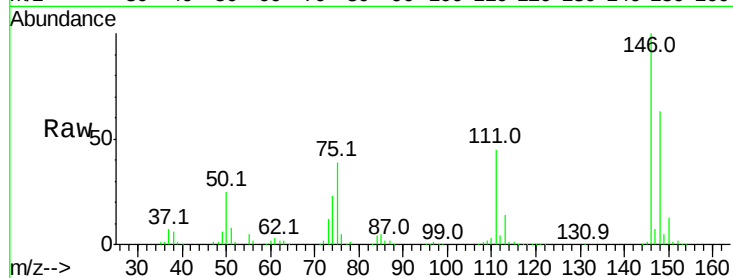
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	45.3	36.1	54.1

Manual Integrations
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12/7/2015 6:30:45 PM



#14

1,2-Dichlorobenzene

Concen: 56.40 ng

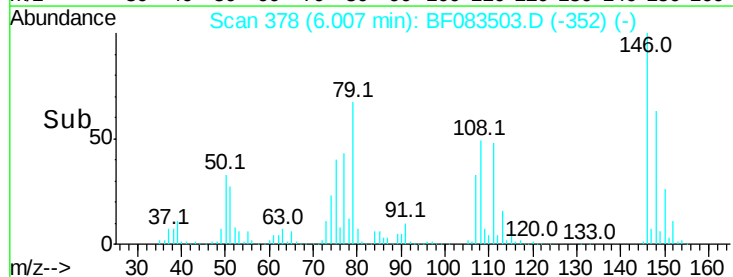
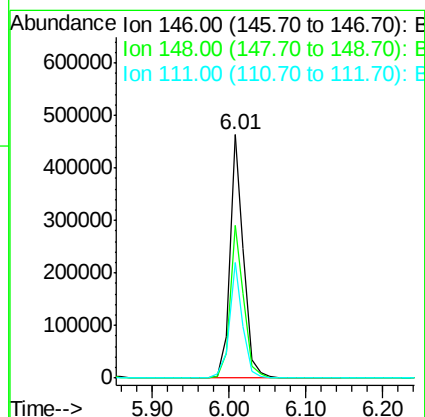
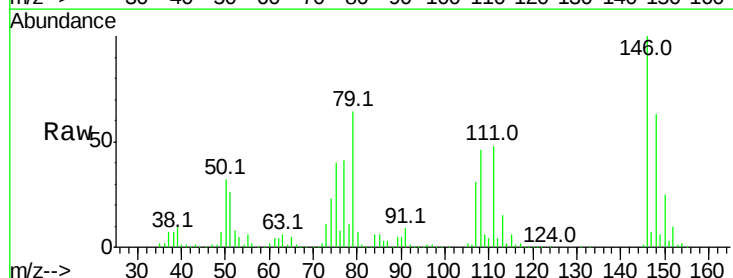
RT: 6.01 min Scan# 378

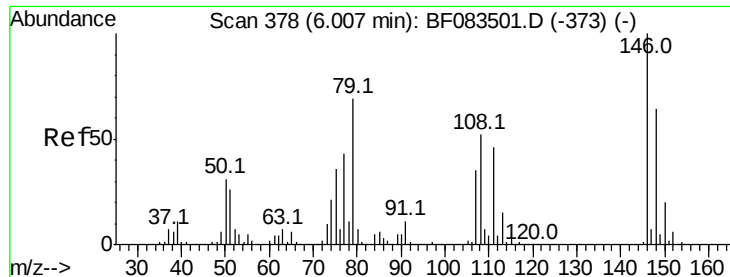
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
111	47.7	36.7	55.1





#15

Benzyl Alcohol

Concen: 54.94 ng

RT: 6.01 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 503048

Ion Ratio Lower Upper

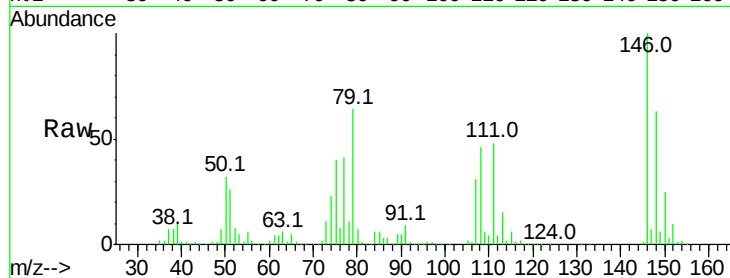
79 100

108 72.7 59.6 89.4

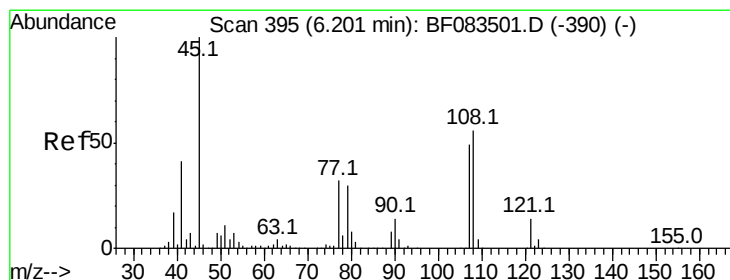
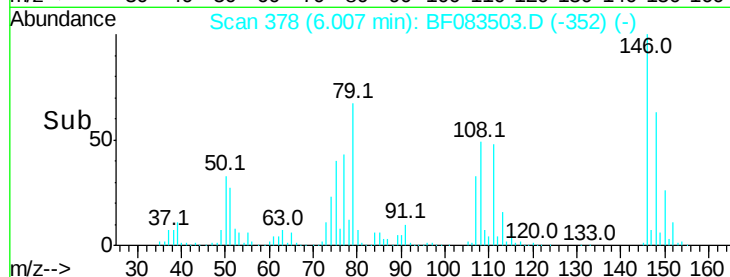
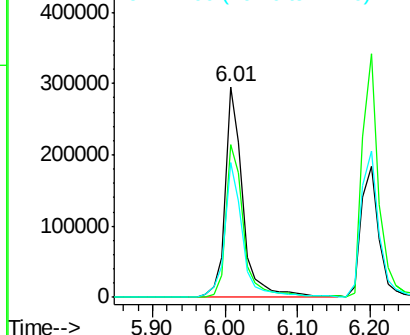
77 64.0 49.8 74.6

Manual Integrations
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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: 59.50 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

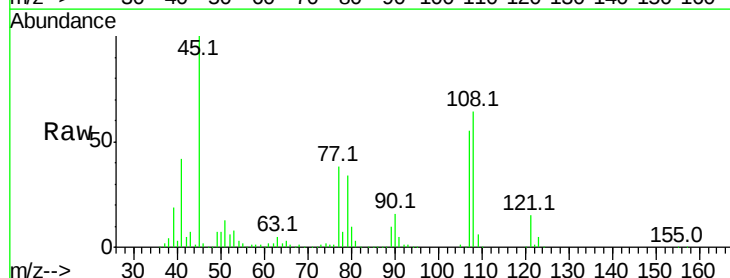
Tgt Ion: 45 Resp: 1102238

Ion Ratio Lower Upper

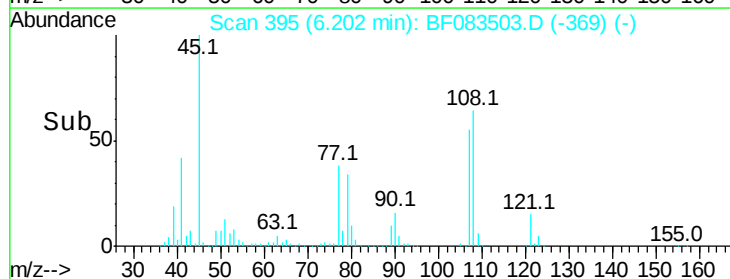
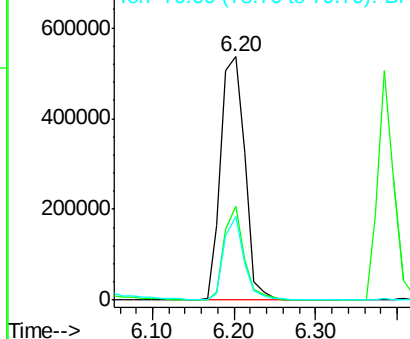
45 100

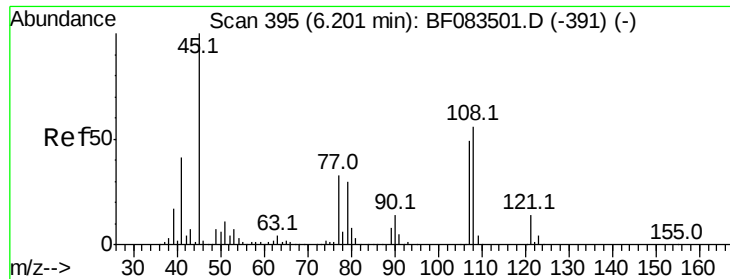
77 38.4 12.8 52.8

79 34.4 10.7 50.7



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: 57.91 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

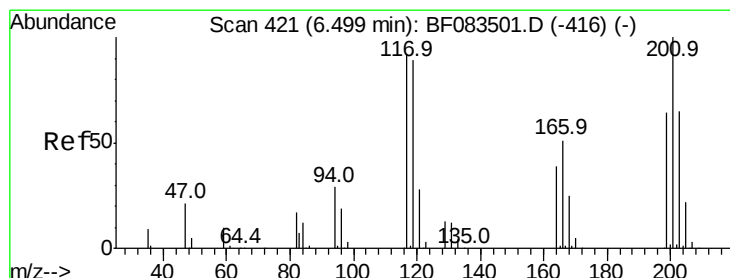
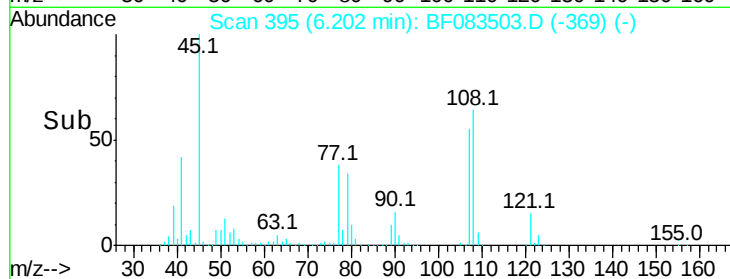
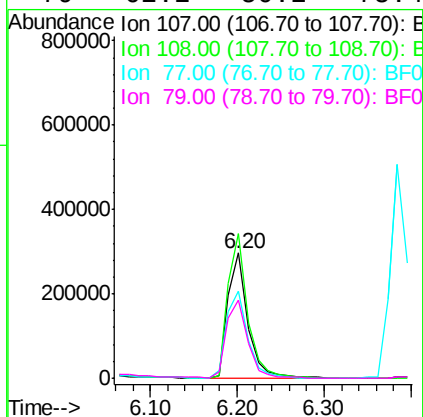
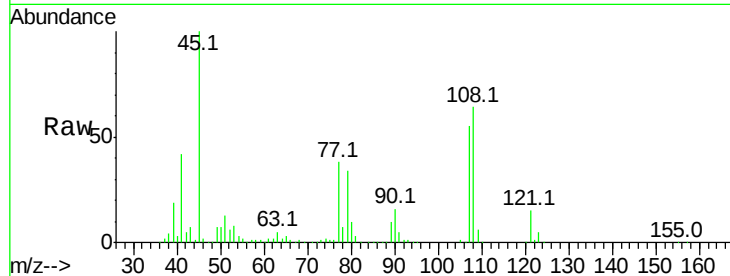
ClientSampleId :

SSTDICC060

Tot Ion:	107	Resp:	467067
Ion Ratio	Lower	Upper	
107	100		
108	115.2	91.6	137.4
77	69.4	53.7	80.5
79	62.2	50.2	75.4

Manual Integrations
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#18

Hexachloroethane

Concen: 58.51 ng

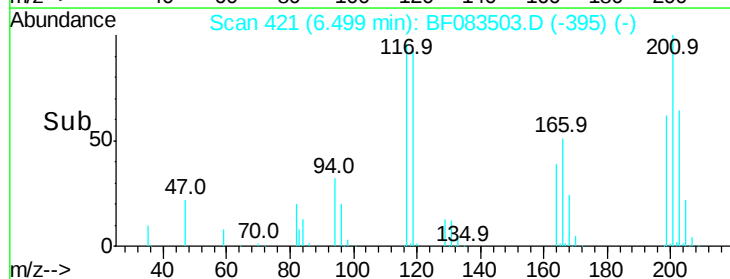
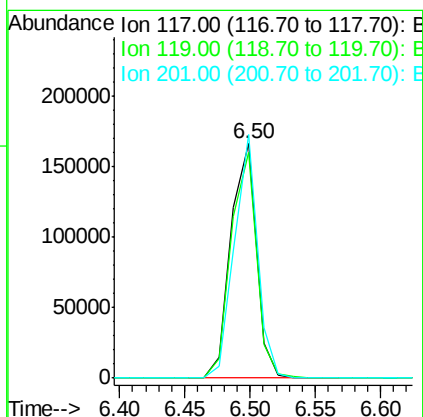
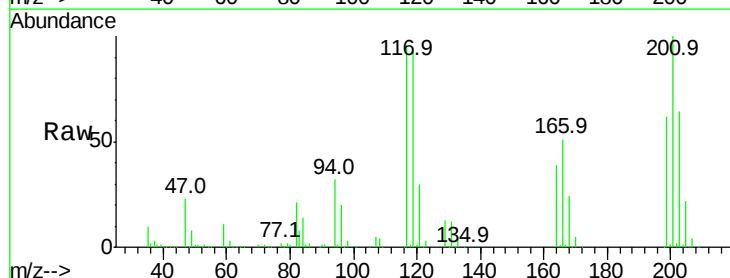
RT: 6.50 min Scan# 421

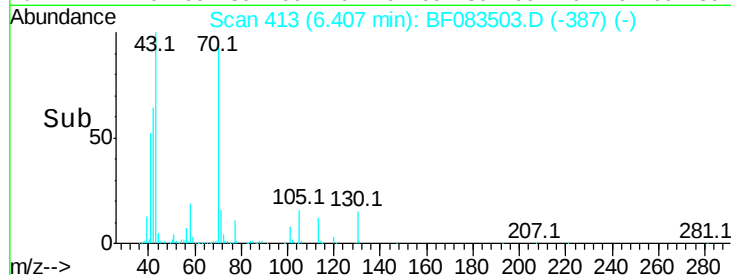
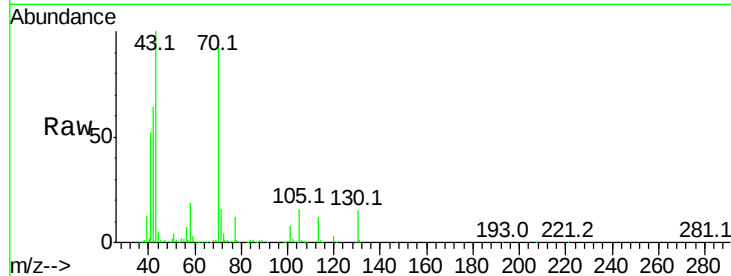
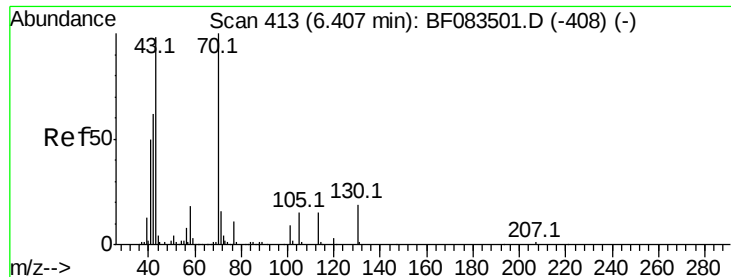
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	117	Resp:	226420
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.2	115.8
201	103.8	86.8	130.2





#19

n-Nitroso-di-n-propylamine

Concen: 54.38 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 70 Resp: 460236

Ion Ratio Lower Upper

70 100

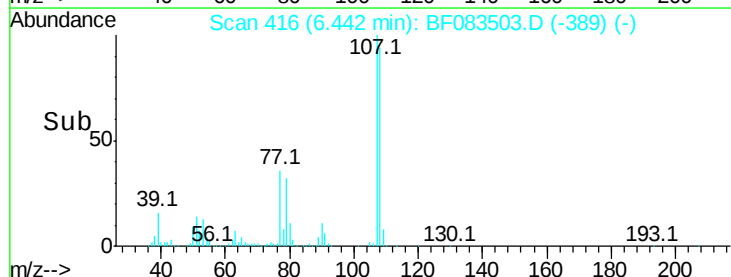
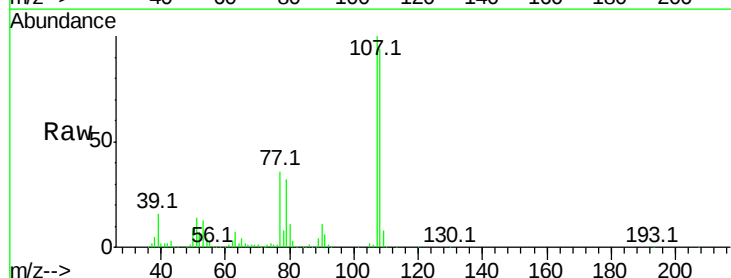
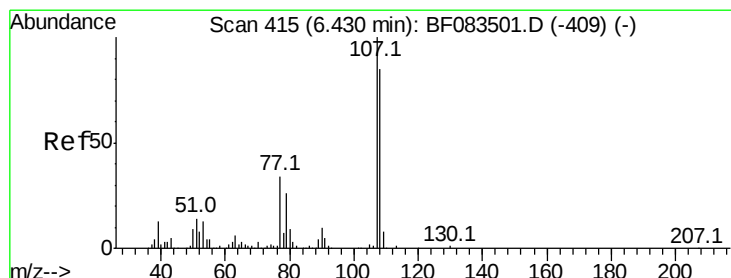
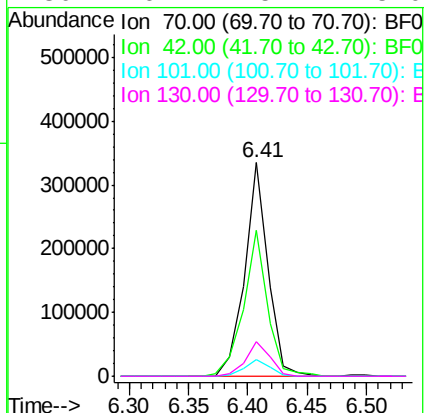
42 68.3 49.2 73.8

101 8.1 7.1 10.7

130 16.1 15.4 23.0

Manual Integrations
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#20

3+4-Methylphenols

Concen: 57.49 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion: 107 Resp: 626523

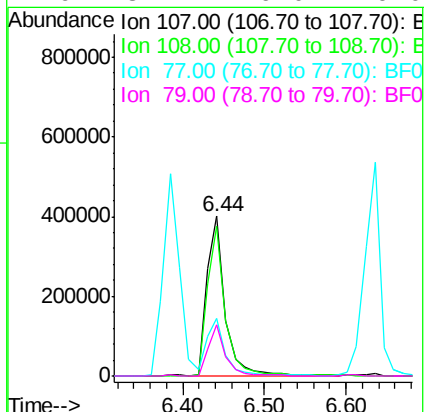
Ion Ratio Lower Upper

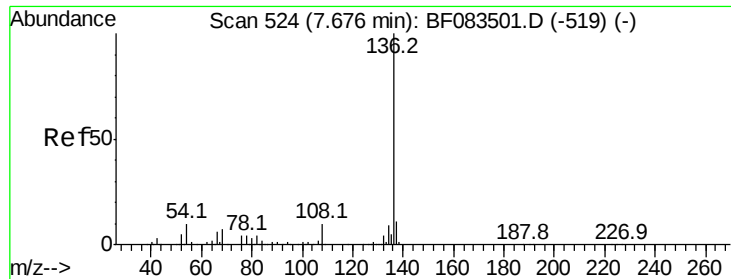
107 100

108 93.7 65.2 105.2

77 36.0 15.2 55.2

79 32.1 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

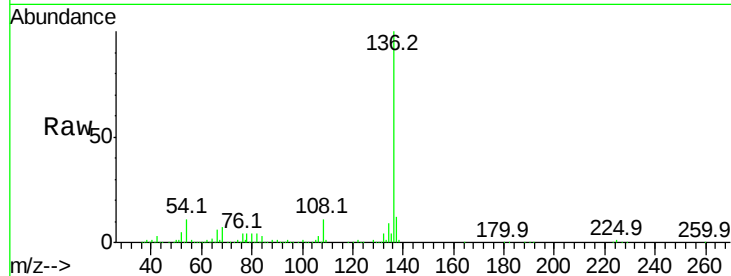
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	511188		
137	11.6	8.7	13.1	
54	10.8	7.8	11.6	
68	7.4	5.7	8.5	

Manual Integrations
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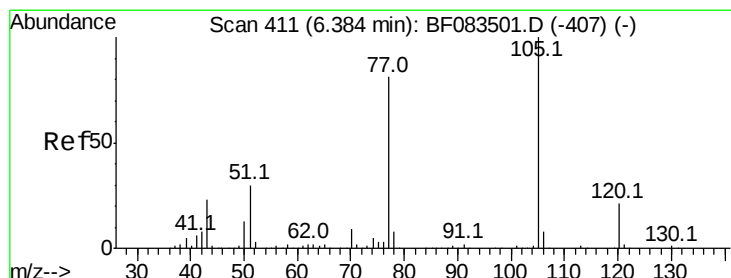
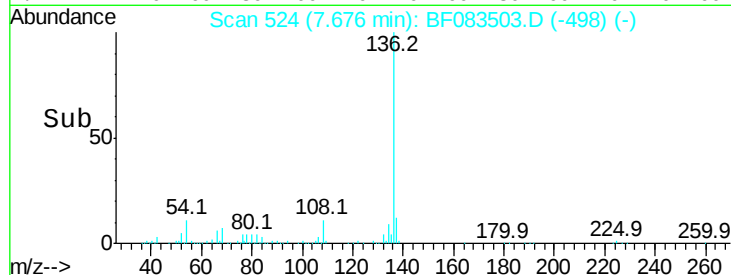
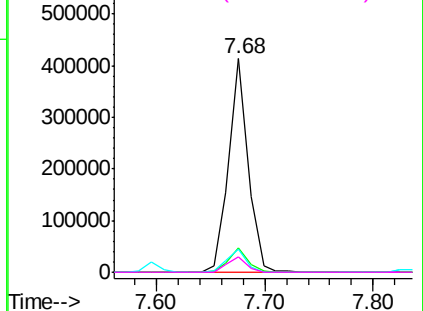
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 57.53 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	875383		
71	0.9	1.3	1.9#	
51	33.0	23.8	35.8	
120	20.1	16.7	25.1	

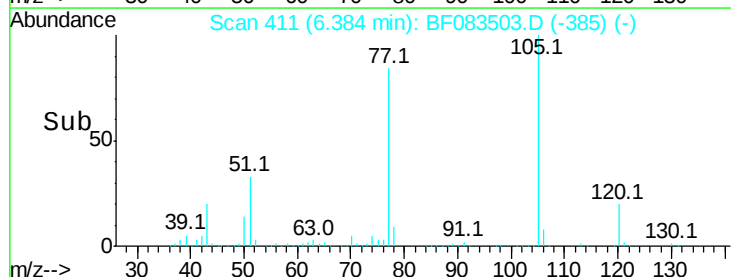
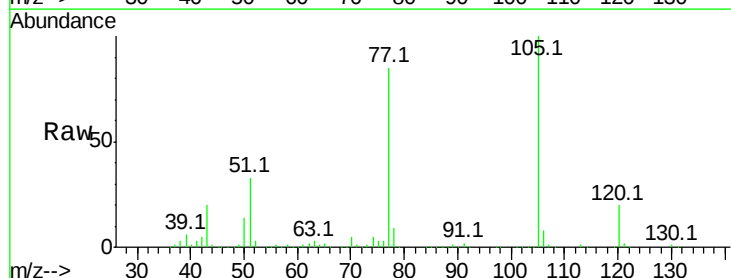
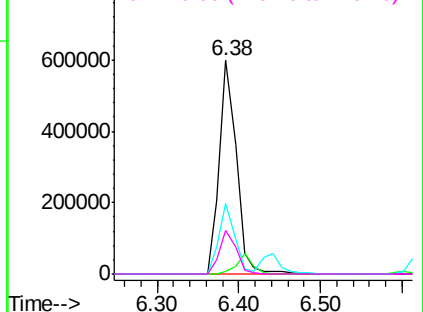
Abundance

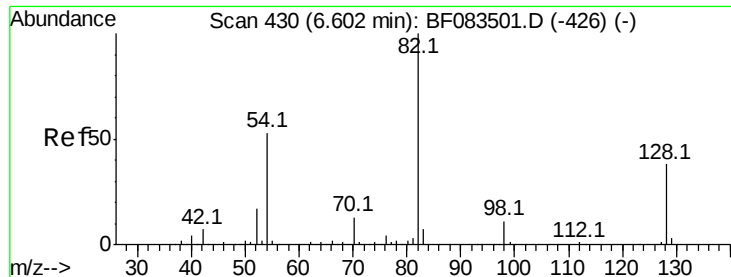
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





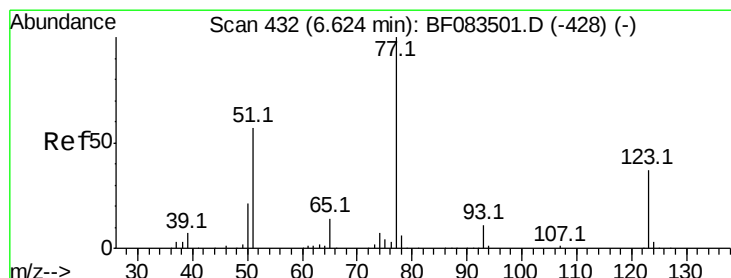
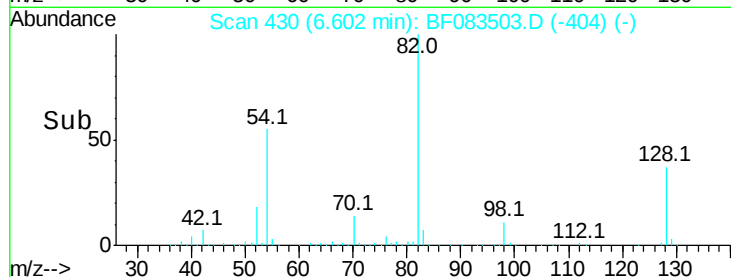
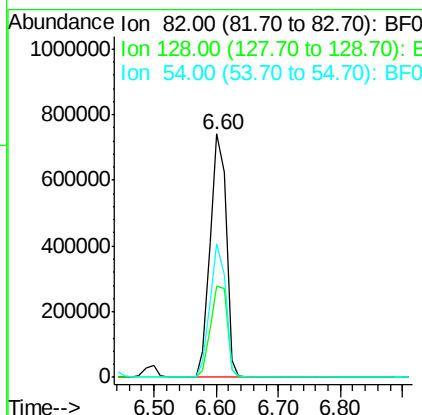
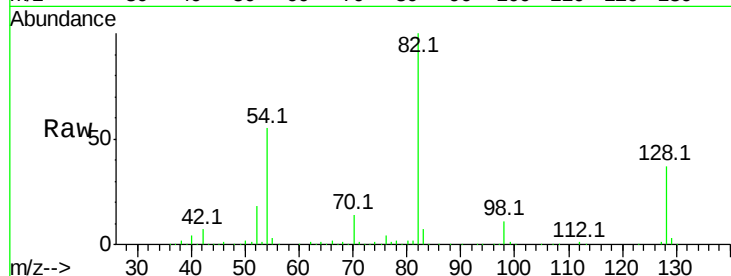
#23
Nitrobenzene-d5
Concen: 114.27 ng
RT: 6.60 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.7	46.1
54	55.1	42.5	63.7

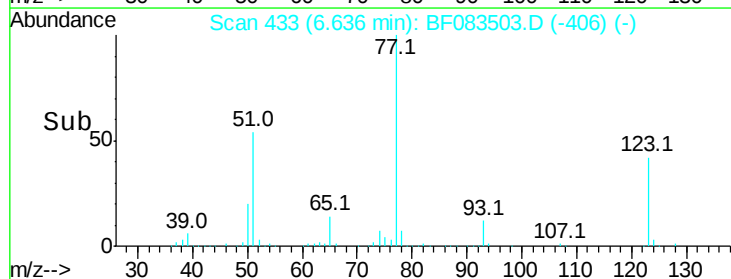
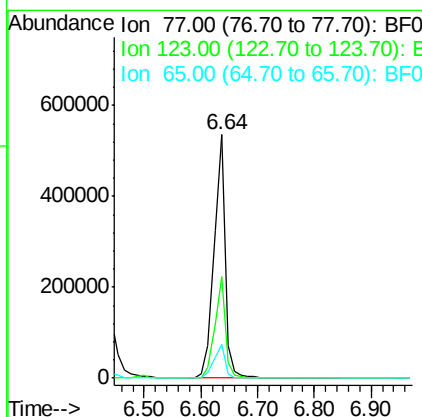
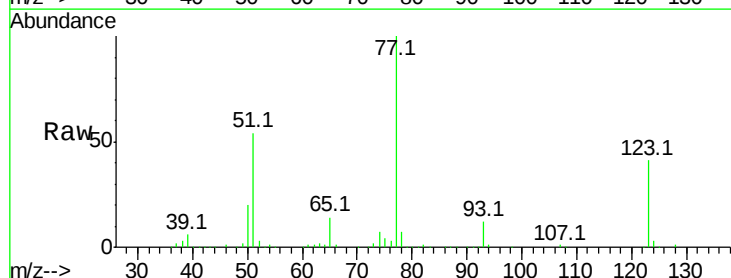
Manual Integrations
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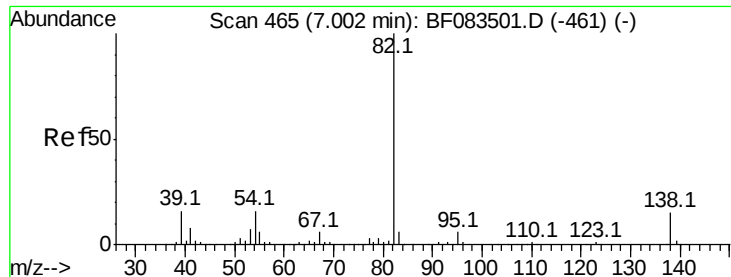
Mmdadoda
12/7/2015 6:30:45 PM



#24
Nitrobenzene
Concen: 58.09 ng
RT: 6.64 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	29.8	44.6
65	14.1	11.1	16.7





#25

Isophorone

Concen: 55.86 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1249713

Ion Ratio Lower Upper

82 100

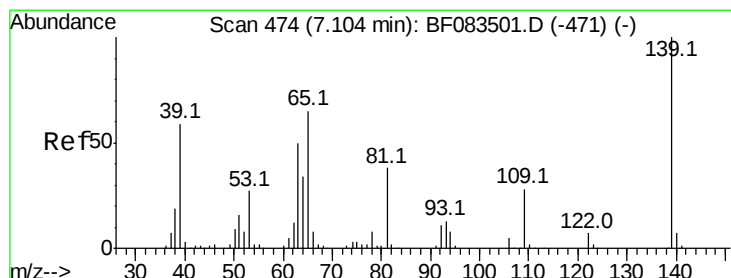
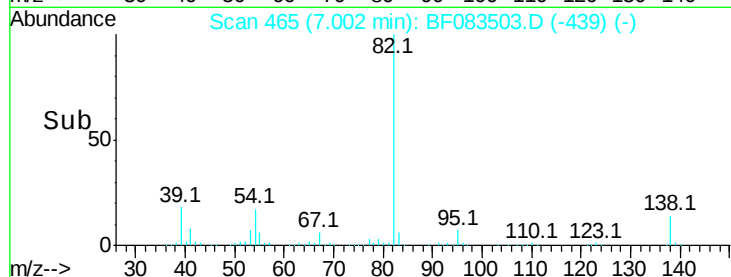
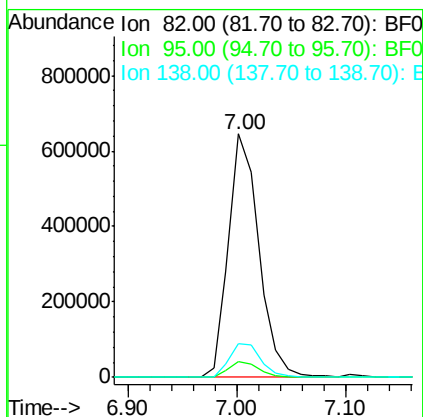
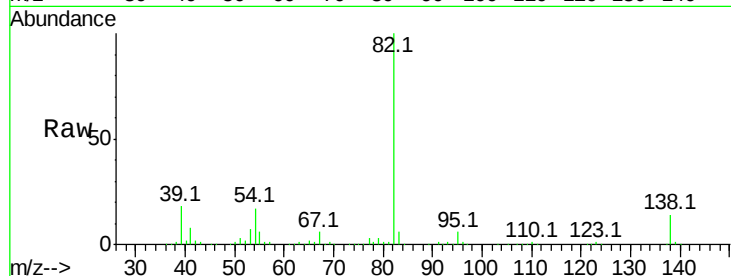
95 6.5 5.0 7.4

138 13.7 12.1 18.1

Manual Integrations
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Mmdadoda

12/7/2015 6:30:45 PM



#26

2-Nitrophenol

Concen: 57.67 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

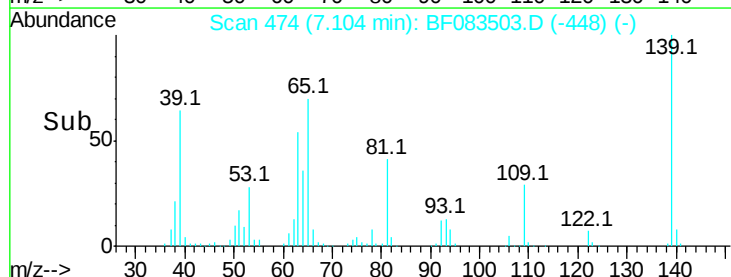
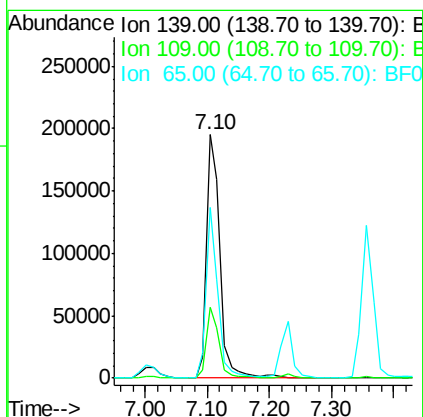
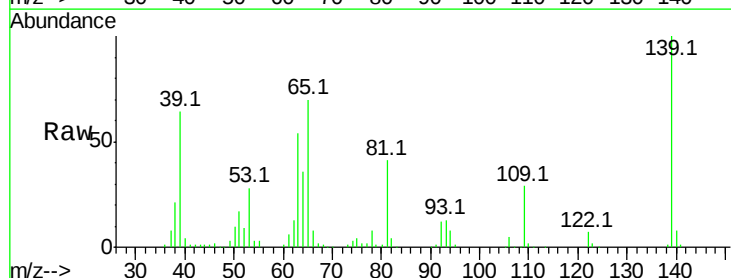
Tgt Ion: 139 Resp: 293048

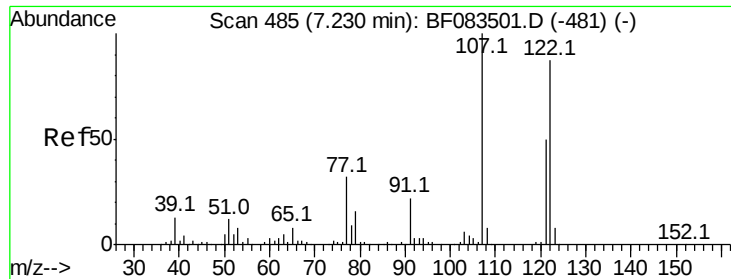
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 70.1 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 59.55 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

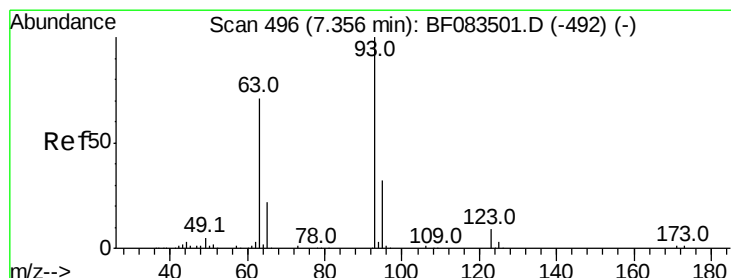
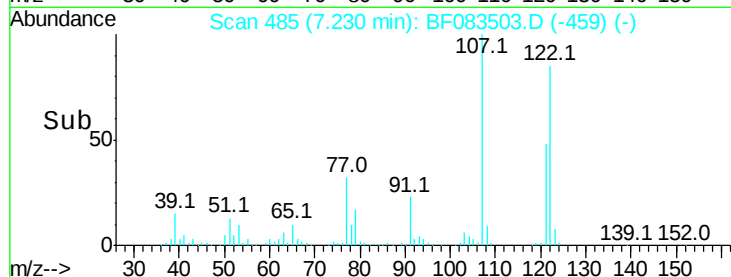
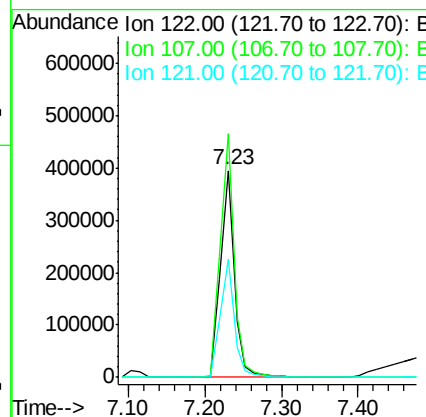
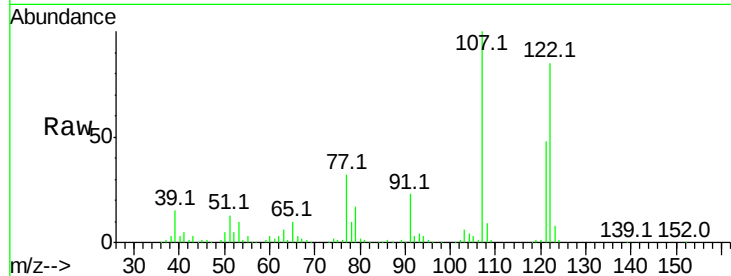
ClientSampleId :

SSTDICC060

Tot Ion:	122	Resp:	504102
Ion Ratio	Lower	Upper	
122	100		
107	117.7	92.4	138.6
121	57.0	45.8	68.6

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#28

bis(2-Chloroethoxy)methane

Concen: 53.57 ng

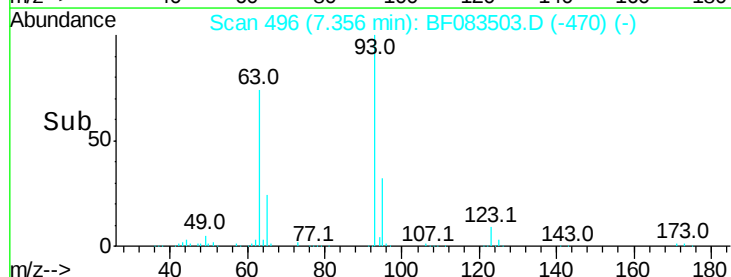
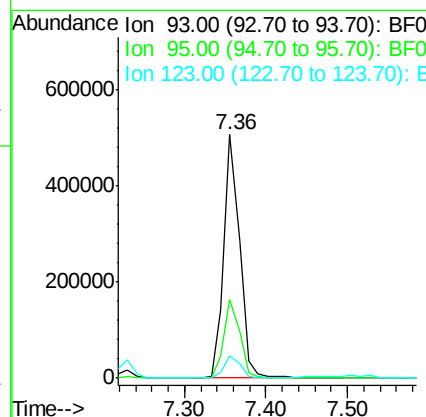
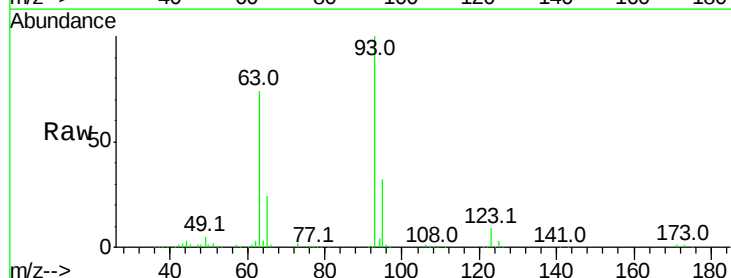
RT: 7.36 min Scan# 496

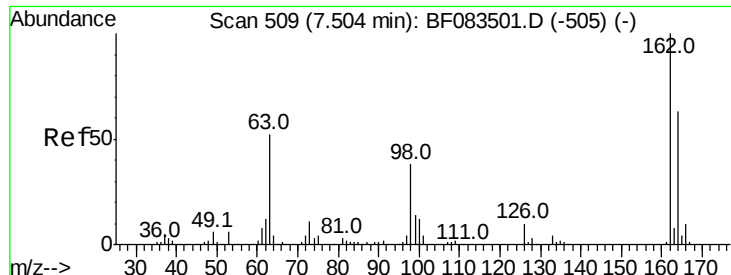
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	93	Resp:	685570
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.6	38.4
123	9.3	7.3	10.9





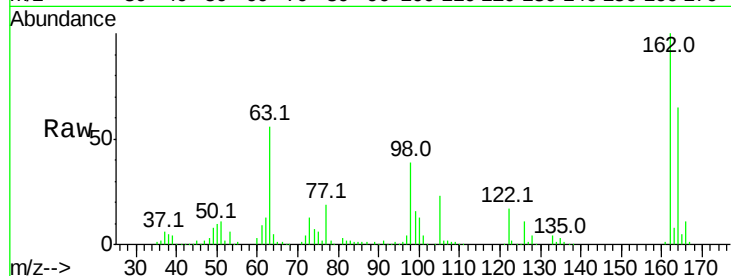
#29
 2,4-Dichlorophenol
 Concen: 55.61 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

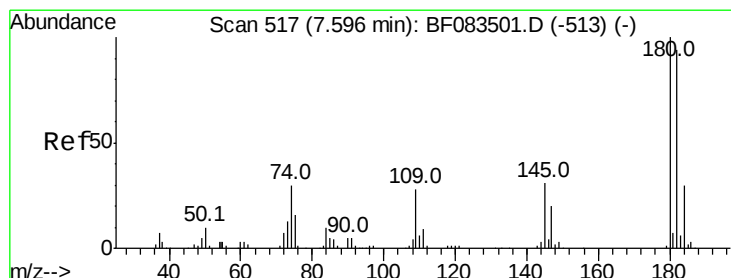
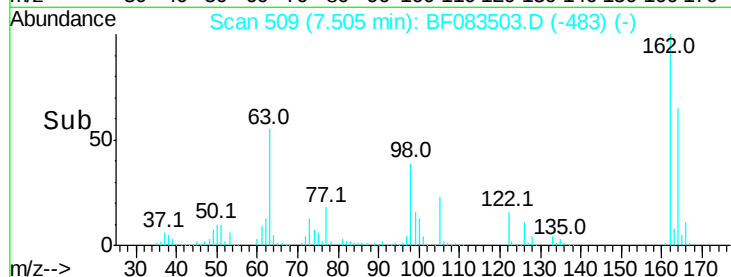
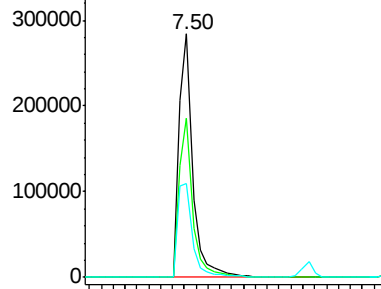
Tot Ion:	162	Resp:	454420
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.4	83.4
98	38.5	17.5	57.5

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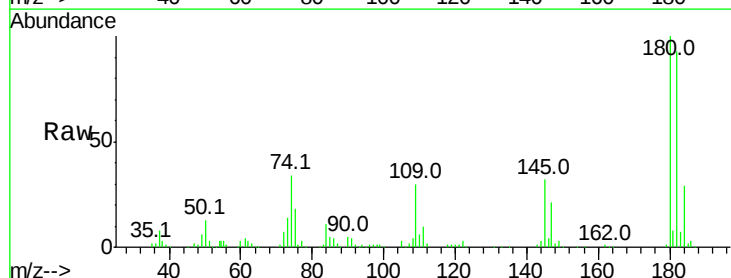


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

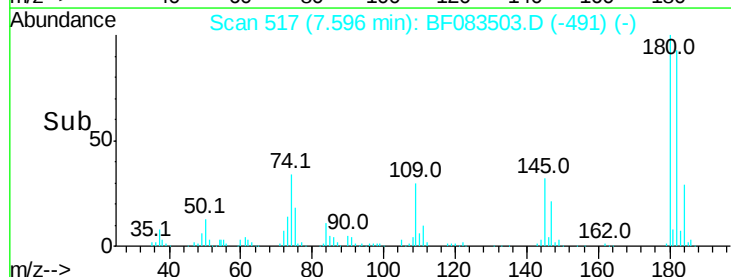
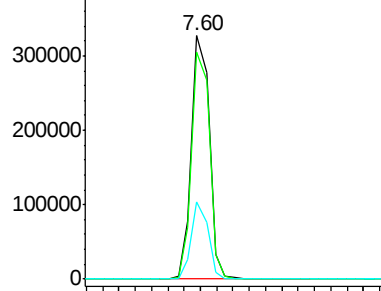


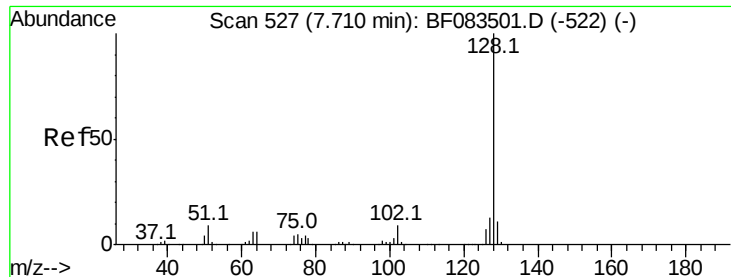
#30
 1,2,4-Trichlorobenzene
 Concen: 56.29 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:	180	Resp:	499370
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.9	112.3
145	31.7	24.7	37.1



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





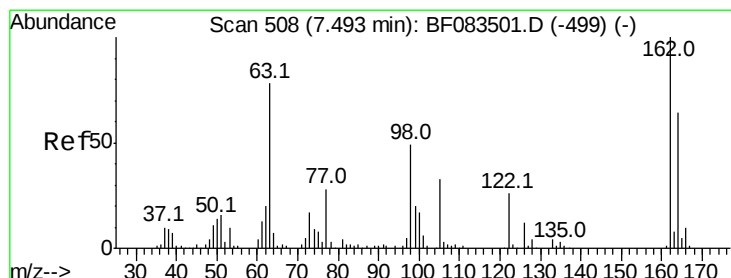
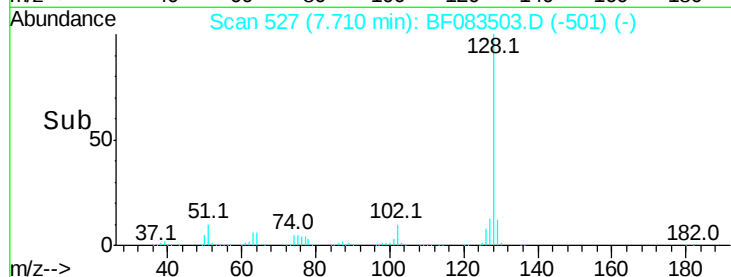
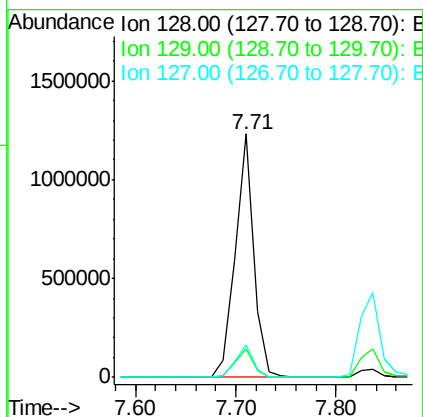
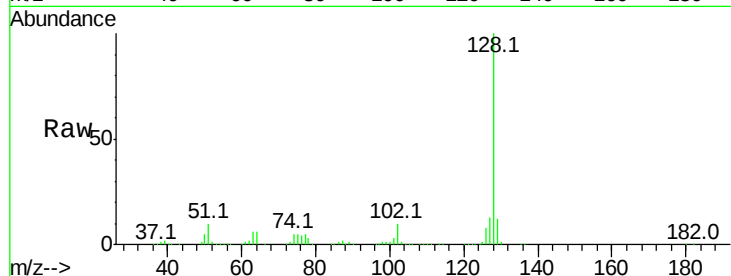
#31
Naphthalene
Concen: 56.59 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:128 Resp: 1577731
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.3 10.6 16.0

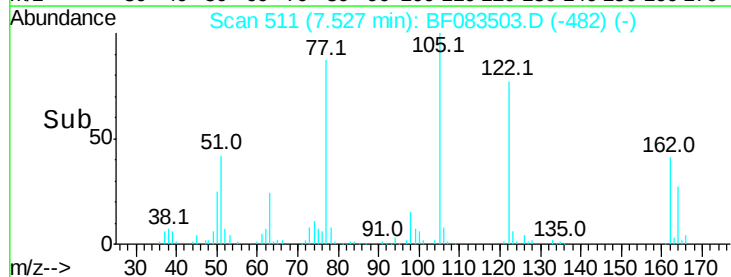
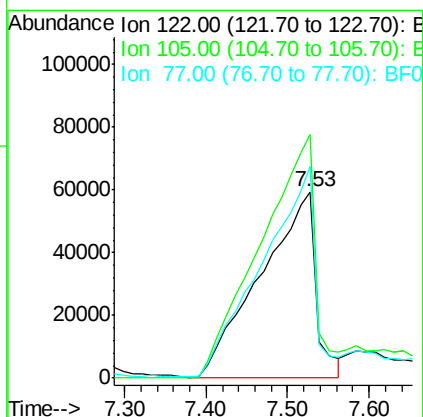
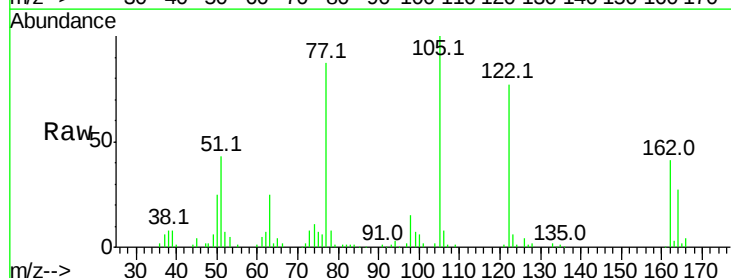
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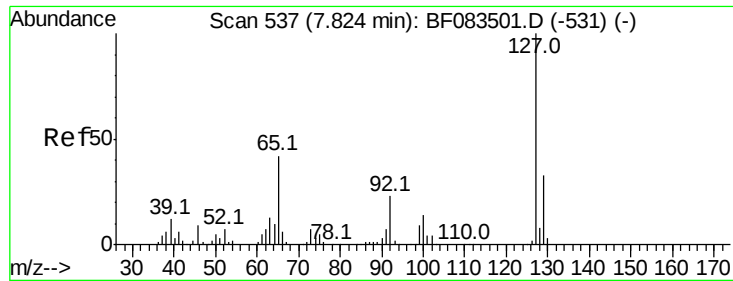
Mmdadoda
12/7/2015 6:30:45 PM



#32
Benzoic acid
Concen: 48.55 ng
RT: 7.53 min Scan# 511
Delta R.T. 0.03 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:122 Resp: 278063
Ion Ratio Lower Upper
122 100
105 130.5 105.6 145.6
77 113.2 86.8 126.8





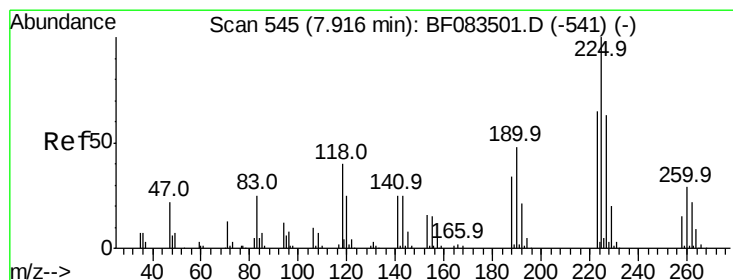
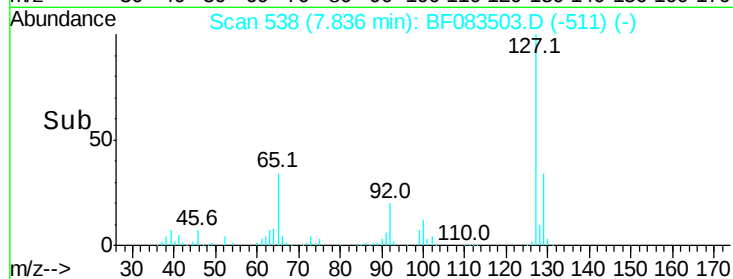
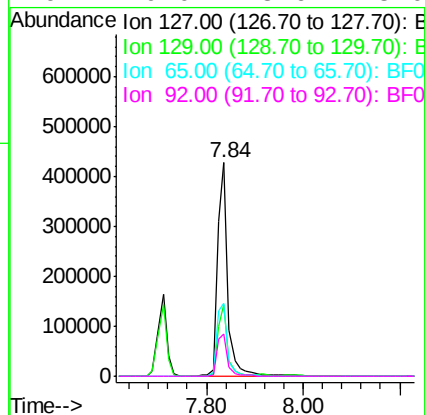
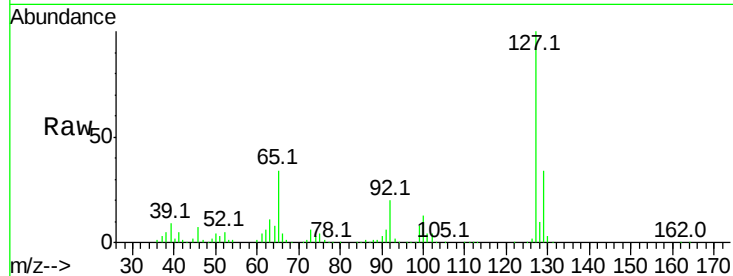
#33
4-Chloroaniline
Concen: 54.23 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
637212	127	100			
	129	33.7	26.1	39.1	
	65	34.2	33.5	50.3	
	92	20.0	18.6	28.0	

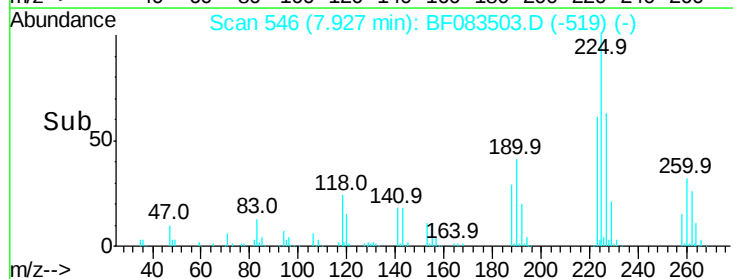
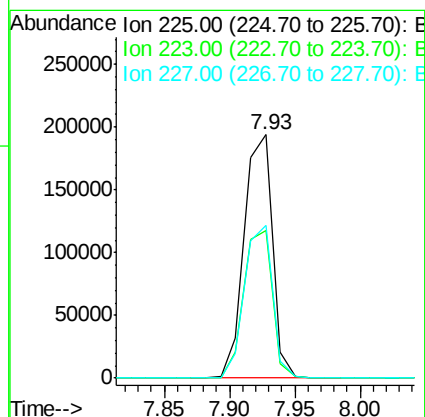
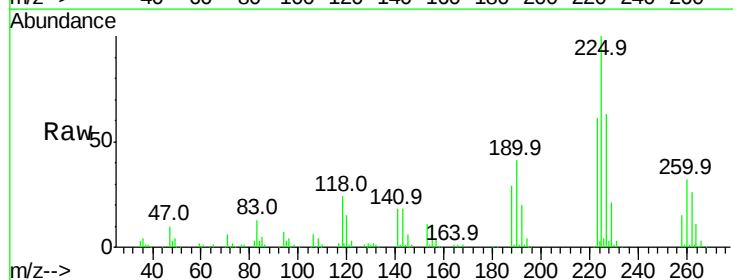
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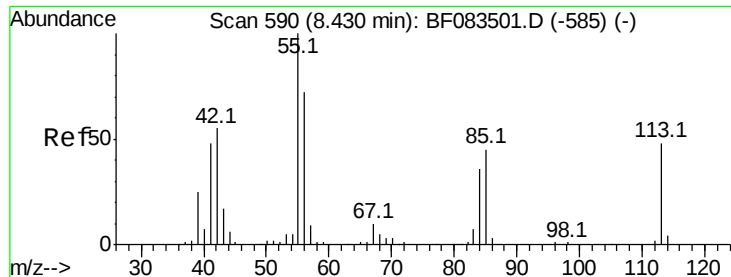
Mmdadoda
12/7/2015 6:30:45 PM



#34
Hexachlorobutadiene
Concen: 57.58 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
292141	225	100			
	223	60.9	52.3	78.5	
	227	62.7	50.4	75.6	





#35

Caprolactam

Concen: 56.85 ng

RT: 8.45 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

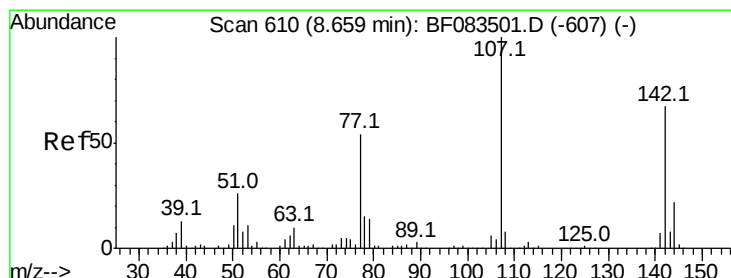
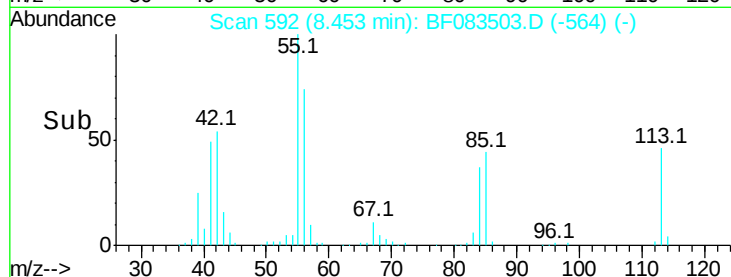
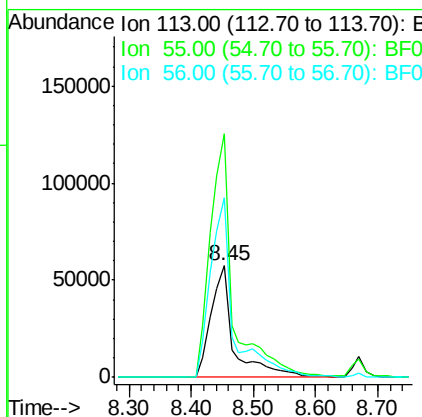
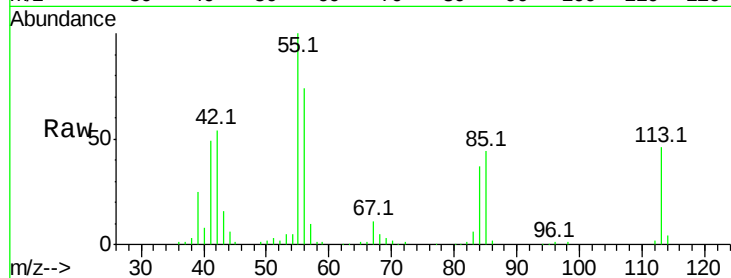
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.0	189.7	229.7
56	161.7	130.7	170.7

Manual Integrations
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12/7/2015 6:30:45 PM



#36

4-Chloro-3-methylphenol

Concen: 56.95 ng

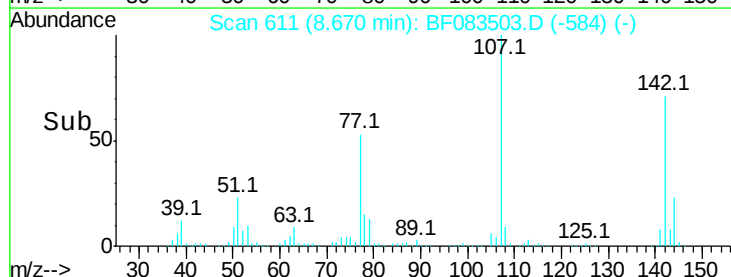
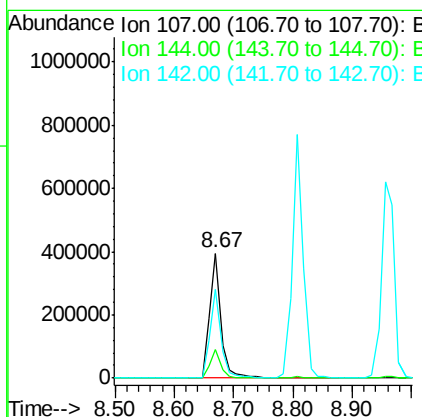
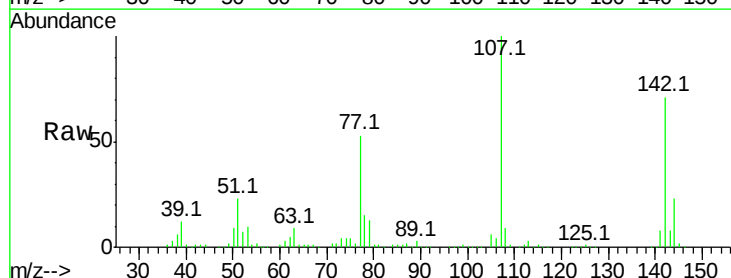
RT: 8.67 min Scan# 611

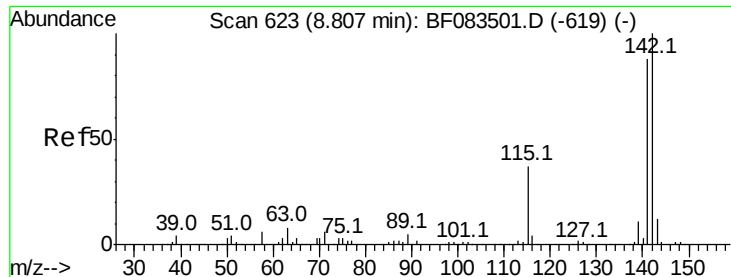
Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	17.5	26.3
142	71.1	53.6	80.4





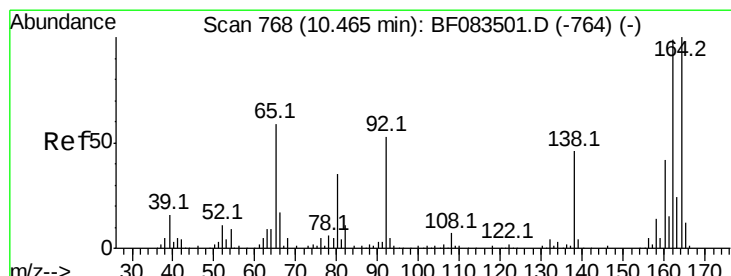
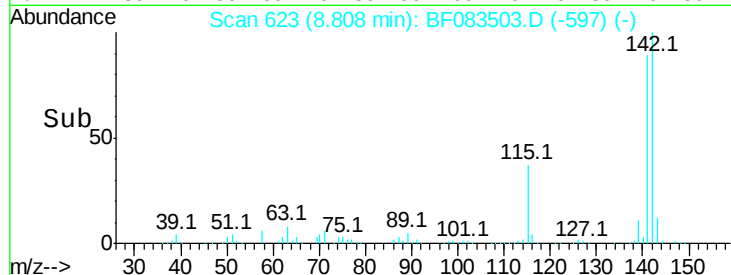
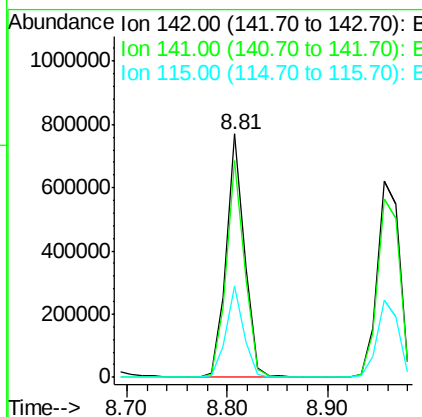
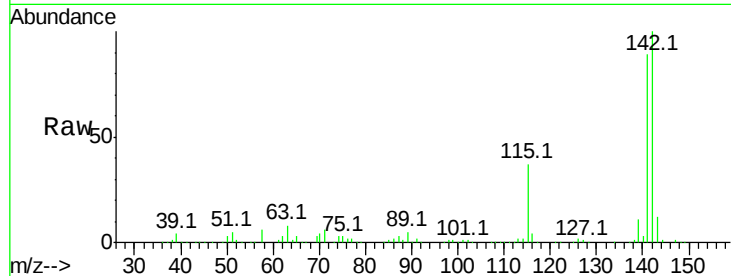
#37
 2-Methylnaphthalene
 Concen: 53.08 ng
 RT: 8.81 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
142	100	974947		
141	89.1		70.3	105.5
115	37.3		29.2	43.8

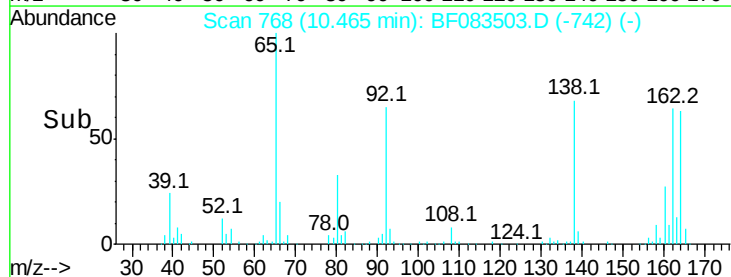
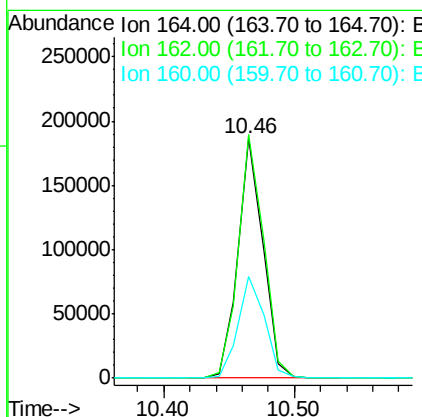
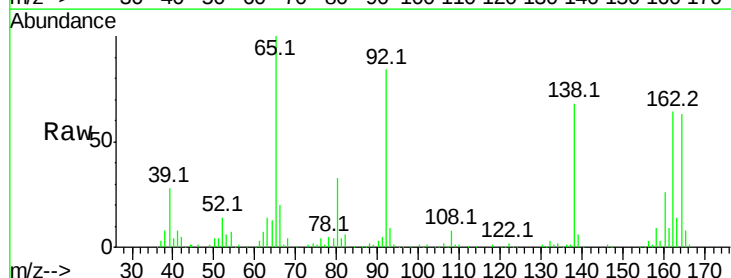
Manual Integrations
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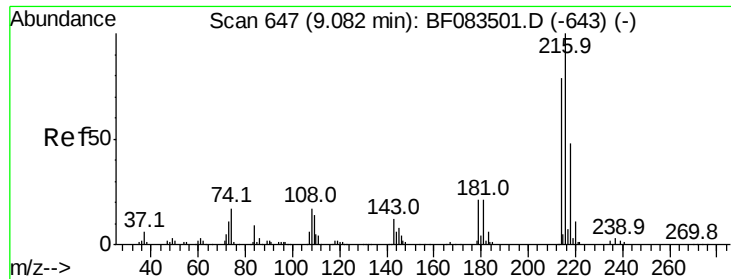
Mmdadoda
 12/7/2015 6:30:45 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247430		
162	101.8		78.8	118.2
160	42.3		33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 60.03 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083503.D

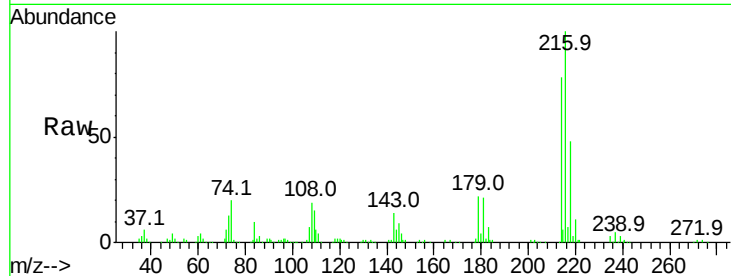
Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tot Ion:216 Resp: 476902

Ion Ratio Lower Upper

216 100

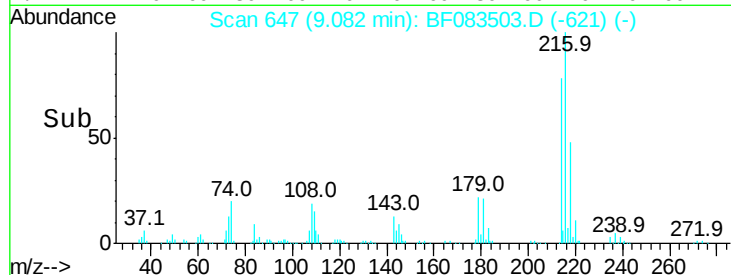
214 78.5 0.0 0.0#

179 21.5 0.0 0.0#

108 19.8 0.0 0.0#

Manual Integrations
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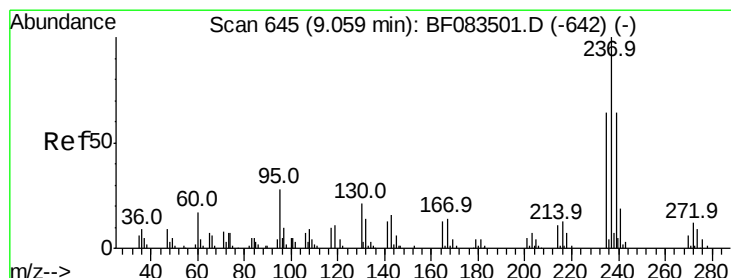
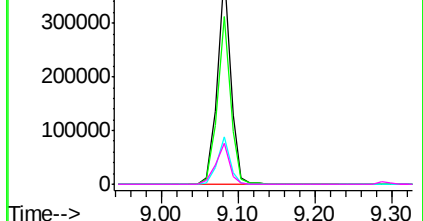


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 49.97 ng

RT: 9.07 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

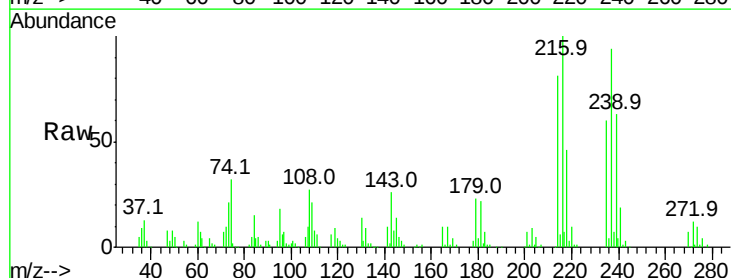
Tgt Ion:237 Resp: 176098

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

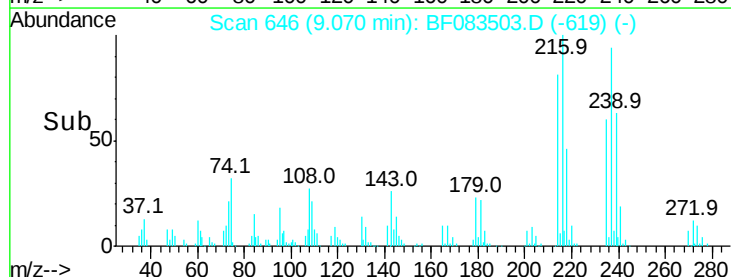
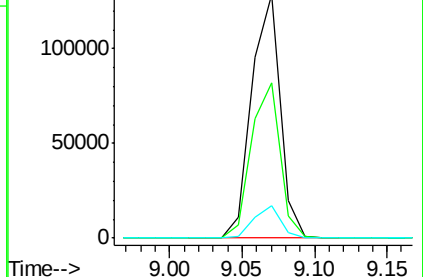
272 13.1 0.0 31.8

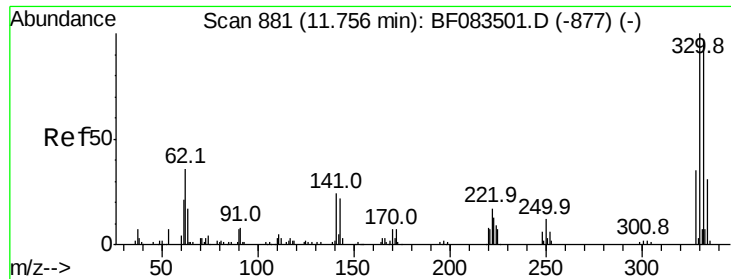


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





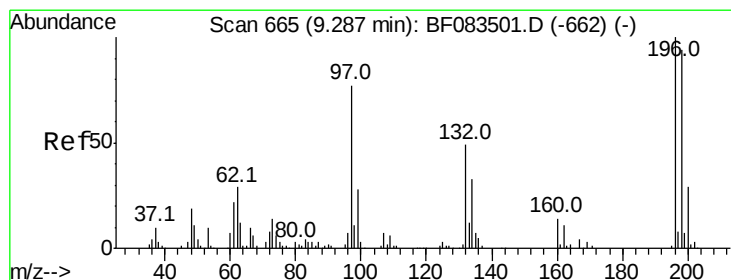
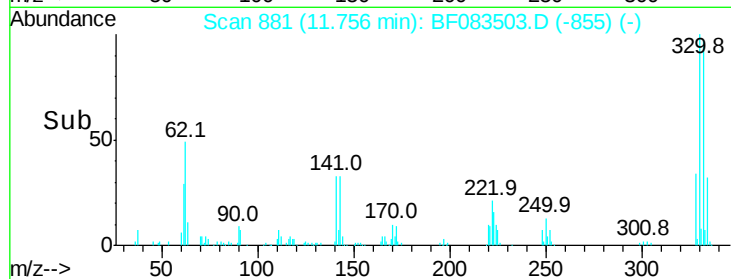
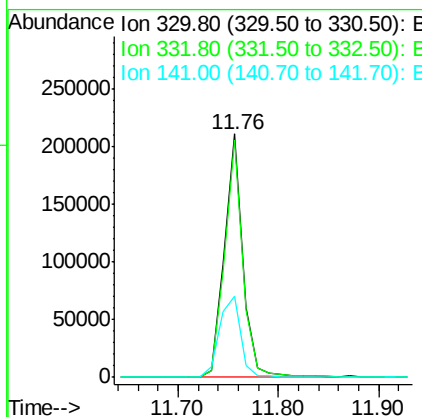
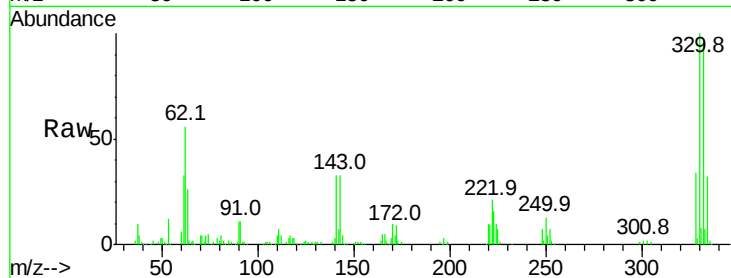
#41
 2,4,6-Tribromophenol
 Concen: 109.41 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	38.8	0.0	0.0#

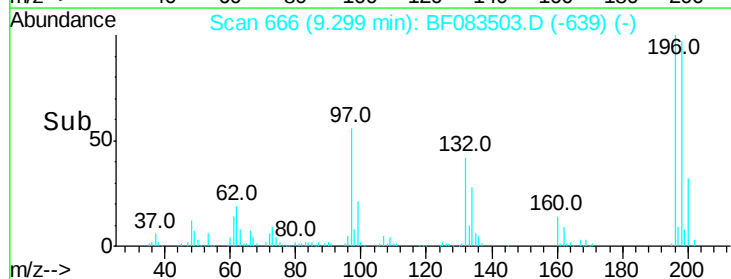
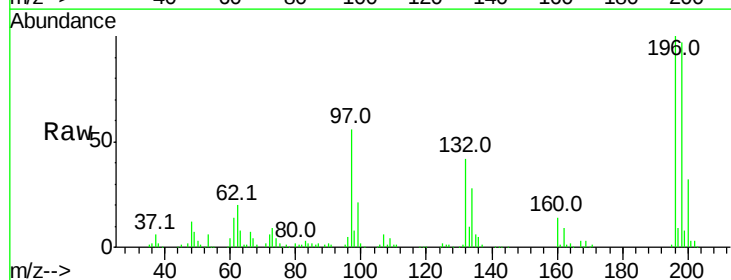
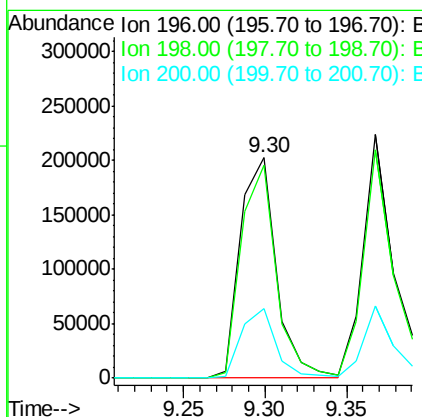
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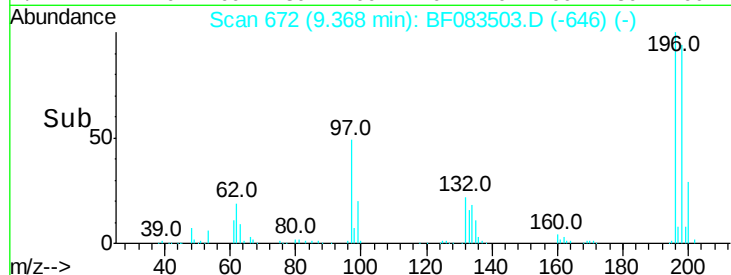
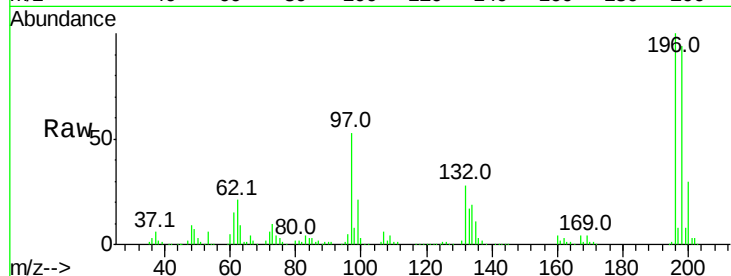
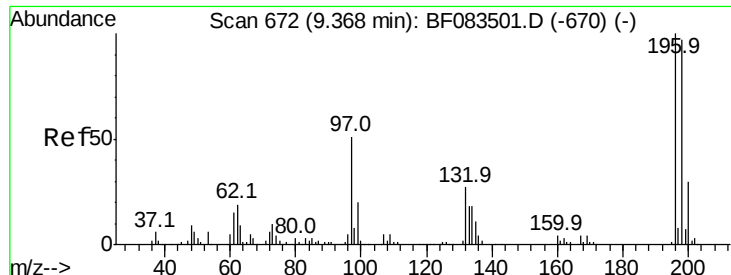
Mmdadoda
 12/7/2015 6:30:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 56.90 ng
 RT: 9.30 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

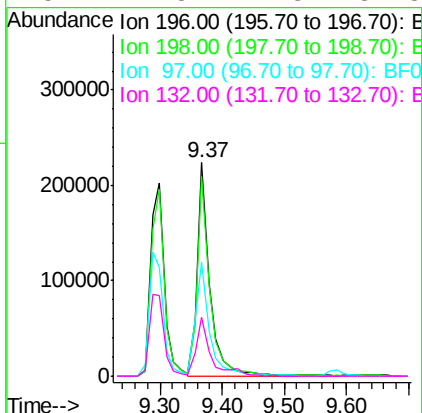
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.6	75.2	112.8
200	31.8	23.0	34.6





#43
2,4,5-Trichlorophenol
Concen: 56.74 ng
RT: 9.37 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

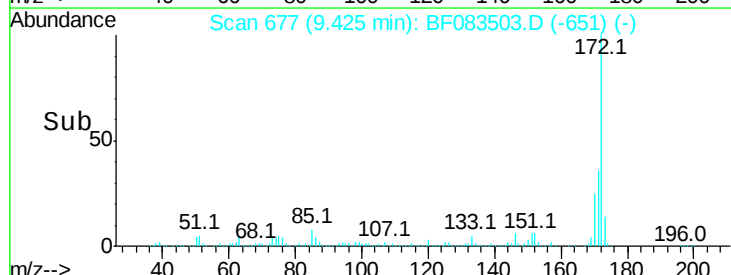
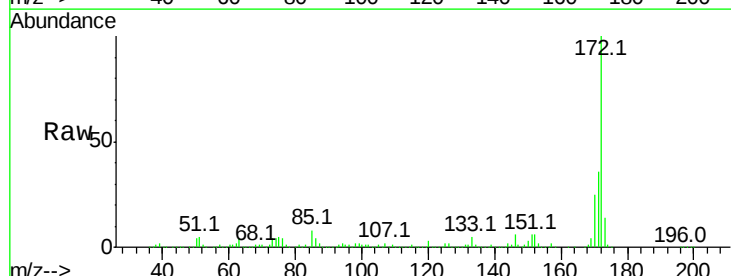
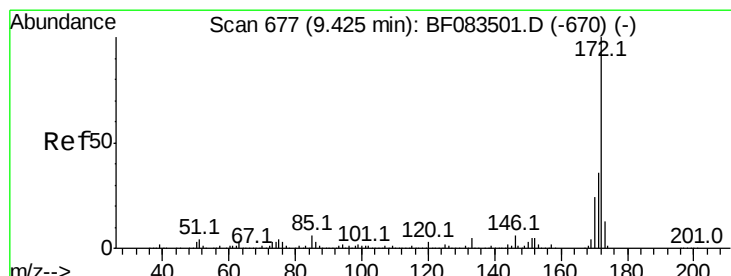
Tot Ion	196	Resp	318976
Ion Ratio	Lower	Upper	
196	100		
198	93.5	77.7	116.5
97	53.3	41.2	61.8
132	27.8	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDIC060

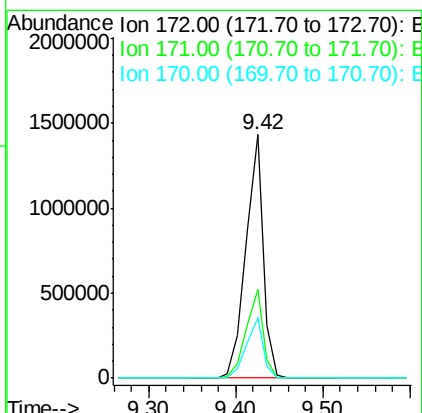
Manual Integrations
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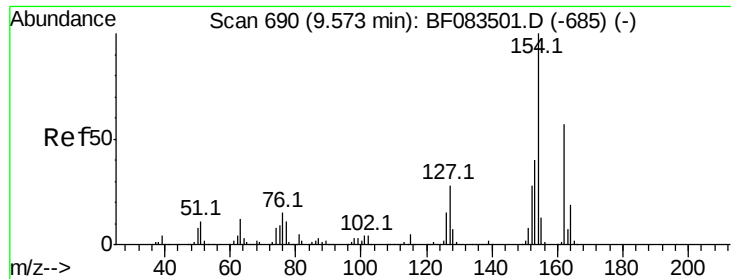
Mmdadoda
12/7/2015 6:30:45 PM



#44
2-Fluorobiphenyl
Concen: 114.21 ng
RT: 9.42 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	172	Resp	2010314
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	42.8
170	25.0	19.4	29.0





#45

1,1'-Biphenyl

Concen: 57.69 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1259651

Ion Ratio Lower Upper

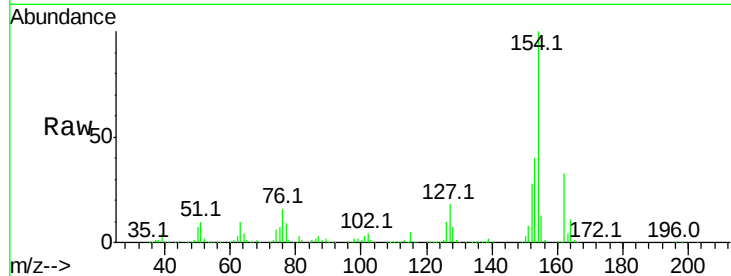
154 100

153 40.3 20.2 60.2

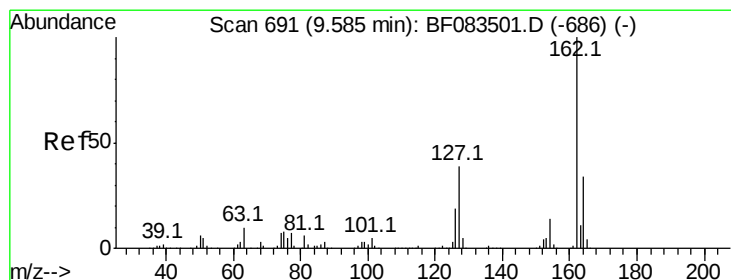
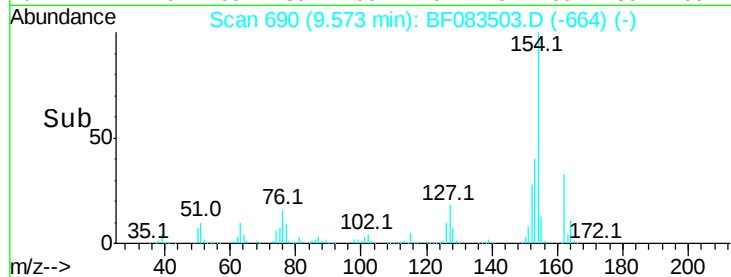
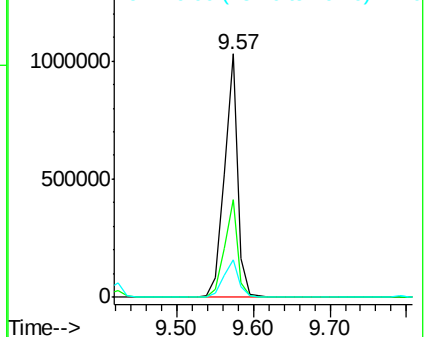
76 15.6 0.0 34.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 57.13 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

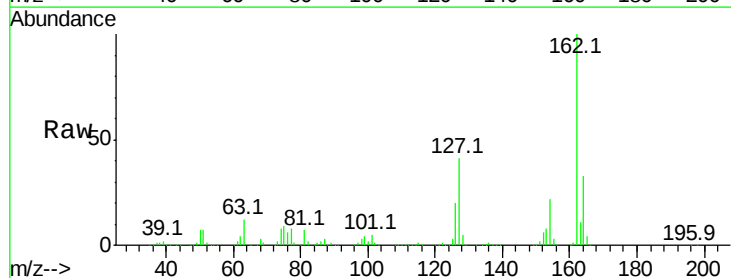
Tgt Ion:162 Resp: 951073

Ion Ratio Lower Upper

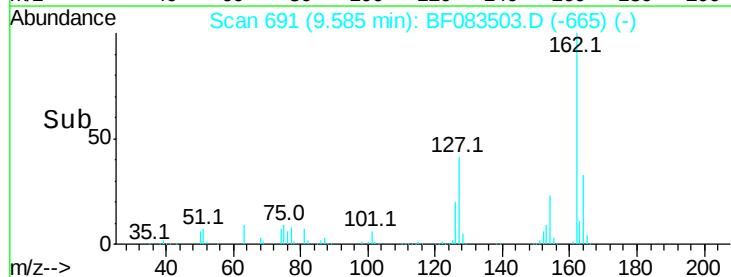
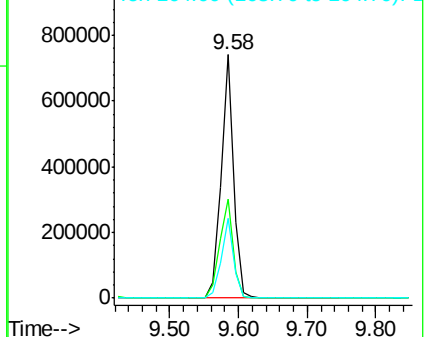
162 100

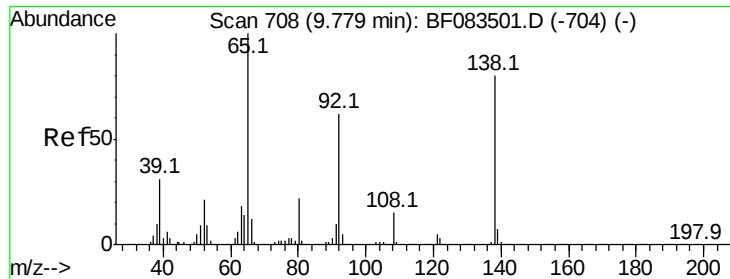
127 40.7 31.0 46.4

164 32.8 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.51 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

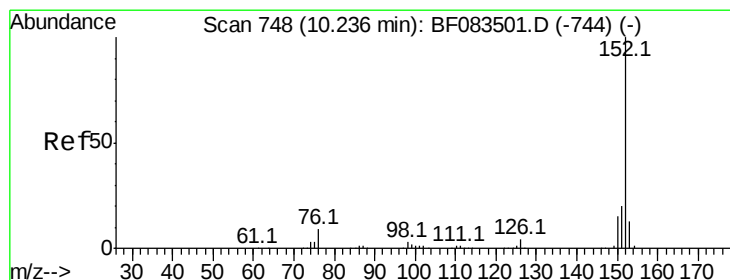
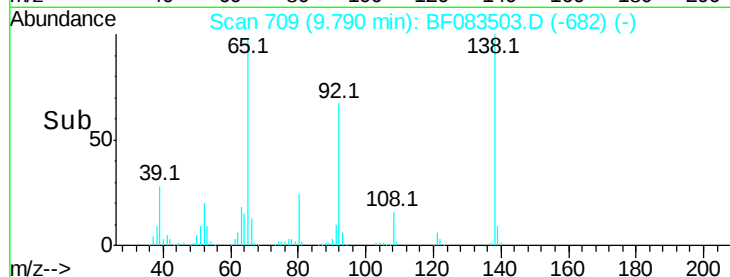
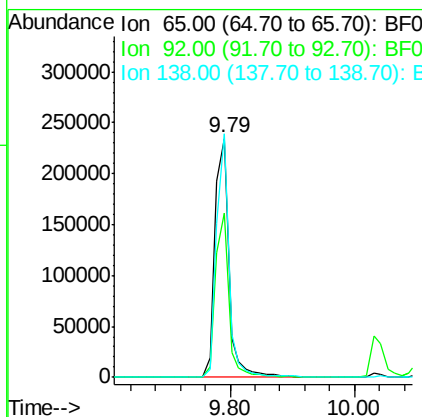
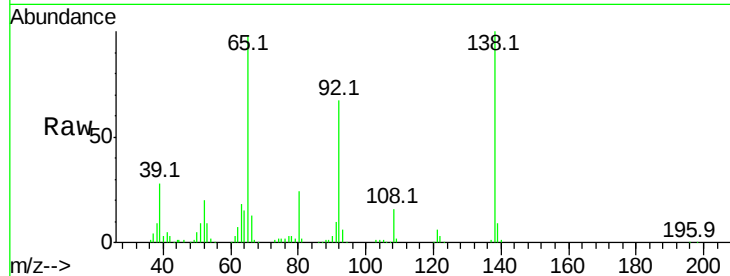
ClientSampleId :

SSTDICC060

Tot Ion:	65	Resp:	363719
Ion Ratio	Lower	Upper	
65	100		
92	68.7	49.6	74.4
138	102.0	64.1	96.1#

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#48

Acenaphthylene

Concen: 58.55 ng

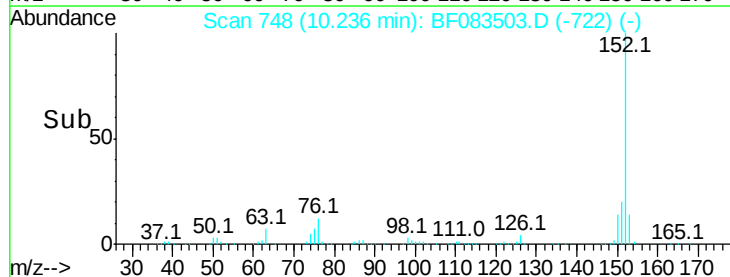
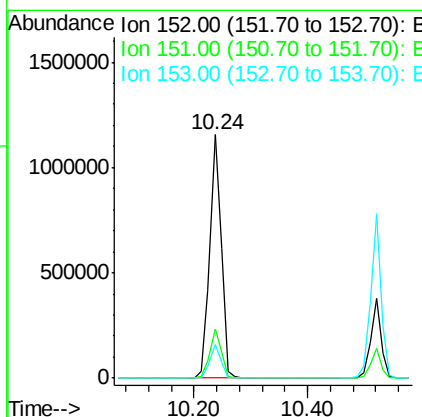
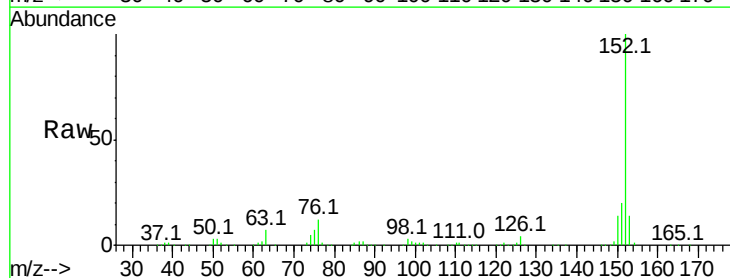
RT: 10.24 min Scan# 748

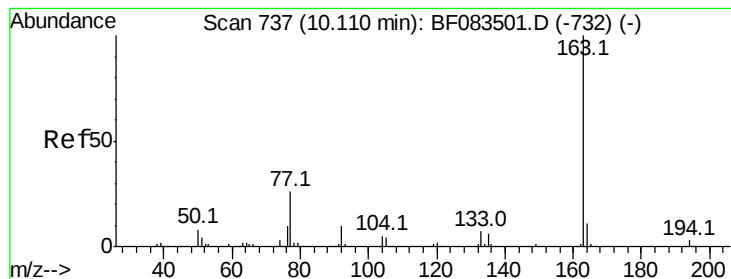
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	152	Resp:	1561779
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.7	10.8	16.2





#49

Dimethylphthalate

Concen: 55.91 ng

RT: 10.12 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:163 Resp: 1135049

Ion Ratio Lower Upper

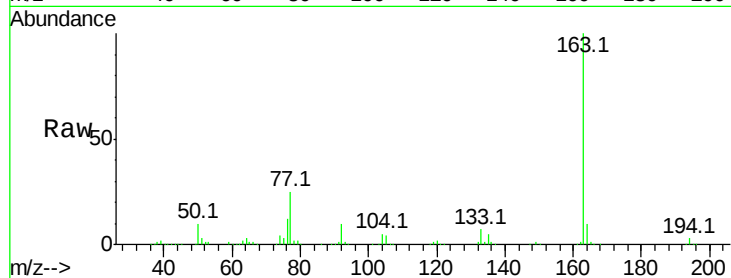
163 100

194 3.4 2.8 4.2

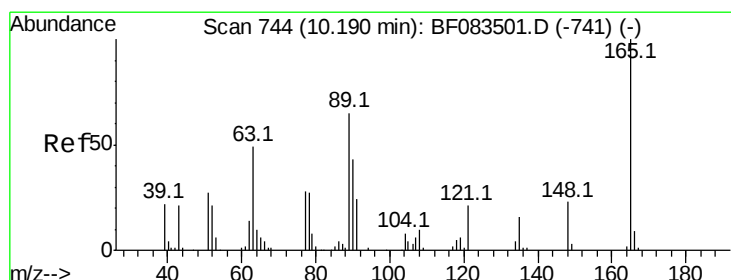
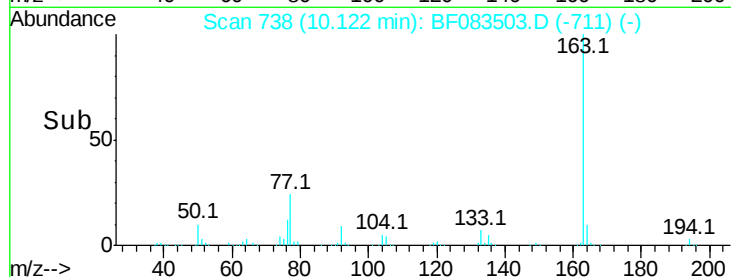
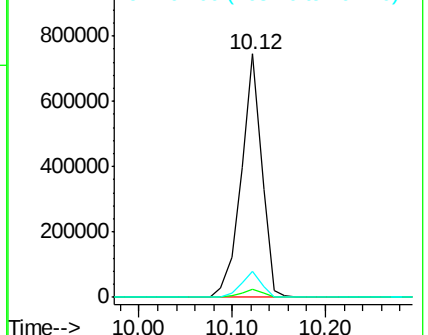
164 10.5 8.6 13.0

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



#50

2,6-Dinitrotoluene

Concen: 58.61 ng

RT: 10.20 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

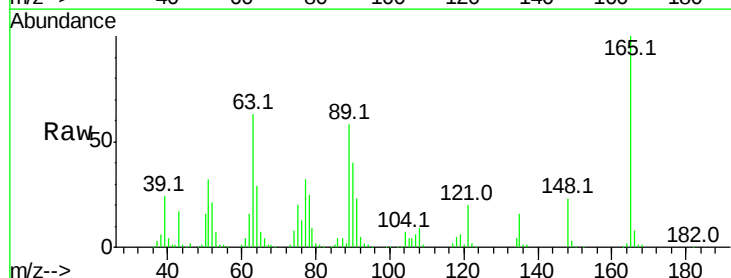
Tgt Ion:165 Resp: 250975

Ion Ratio Lower Upper

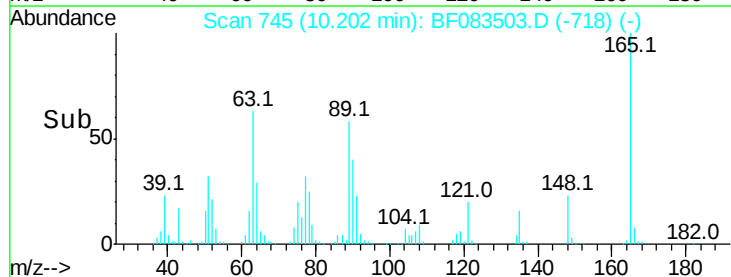
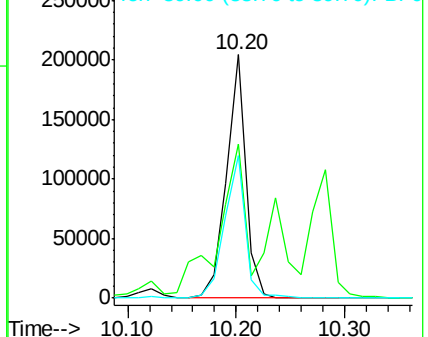
165 100

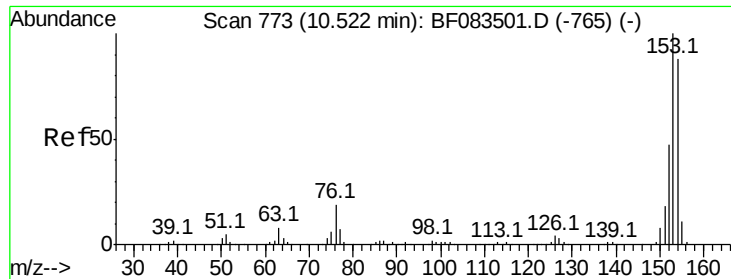
63 63.4 56.9 85.3

89 58.5 52.1 78.1



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





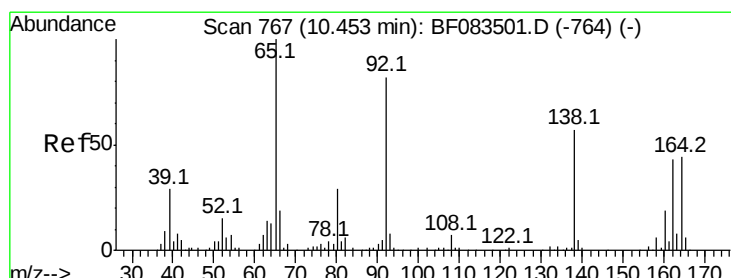
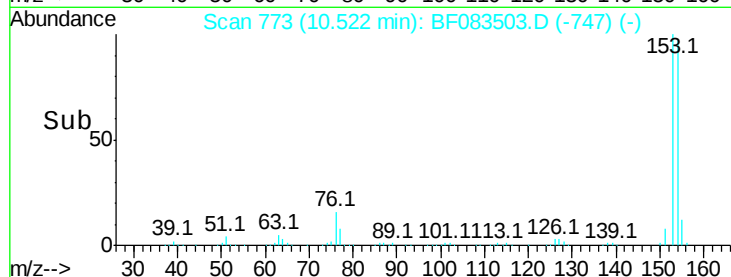
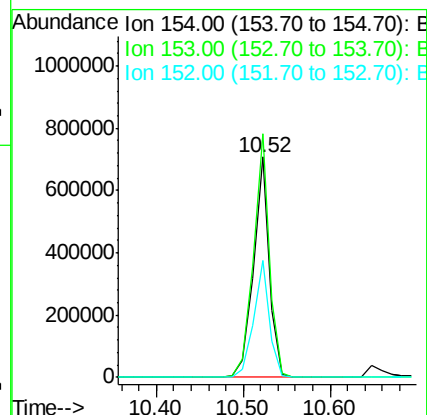
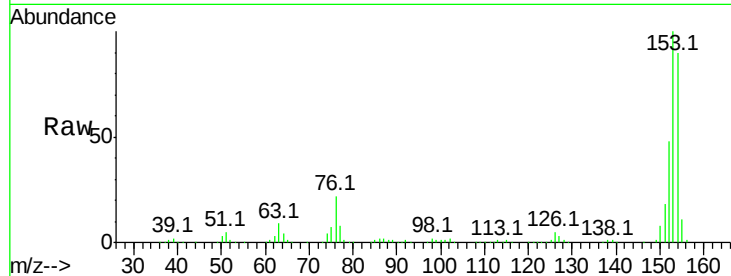
#51
Acenaphthene
Concen: 57.77 ng
RT: 10.52 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.4	137.0
152	53.1	43.4	65.2

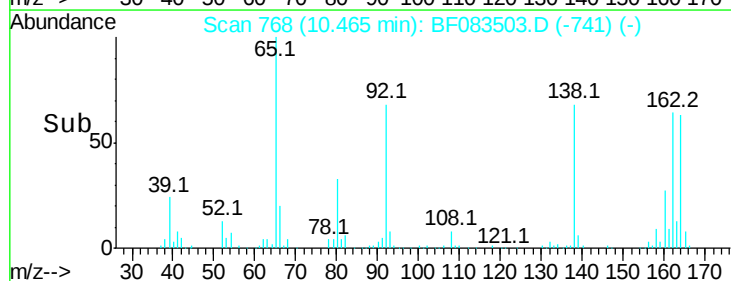
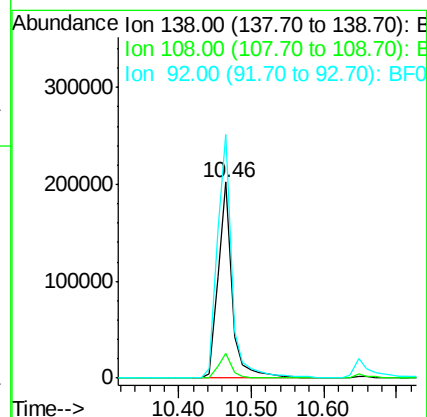
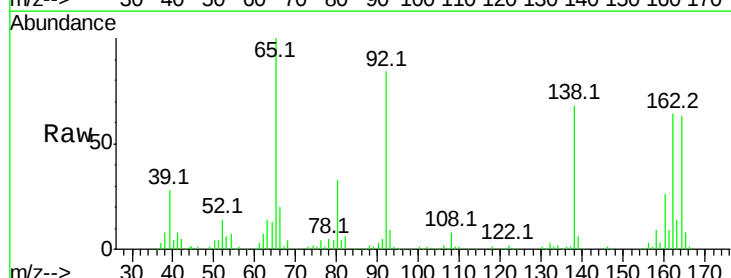
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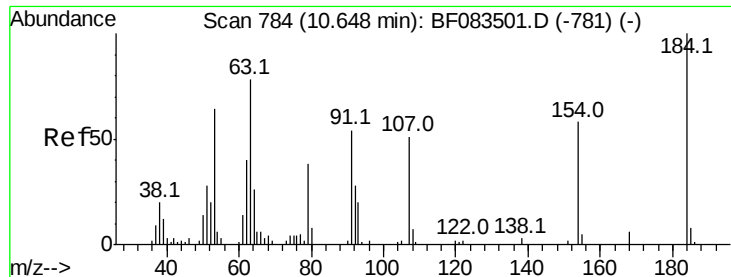
Mmdadoda
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#52
3-Nitroaniline
Concen: 55.15 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.9	14.9
92	124.2	113.8	170.8





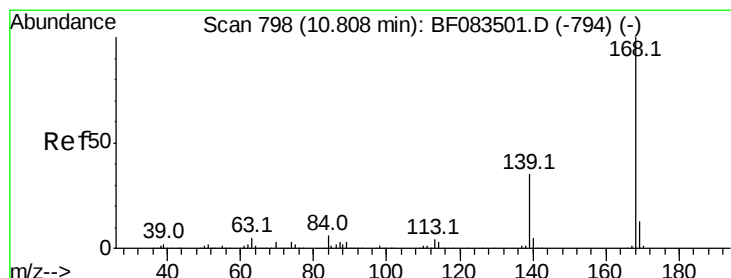
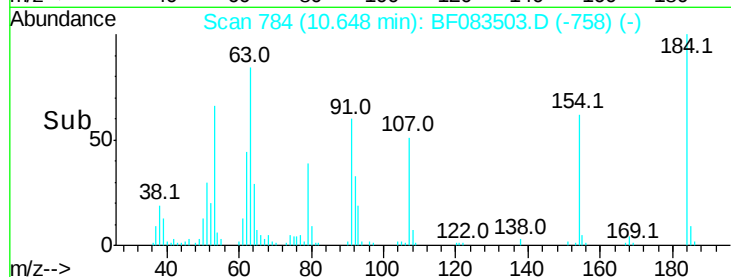
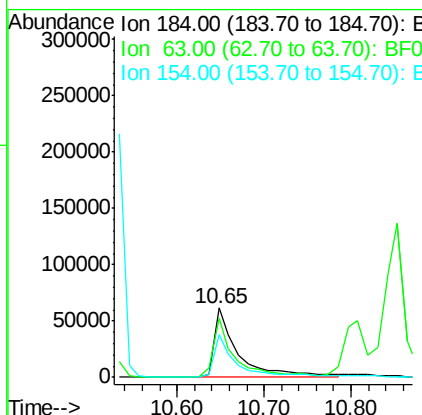
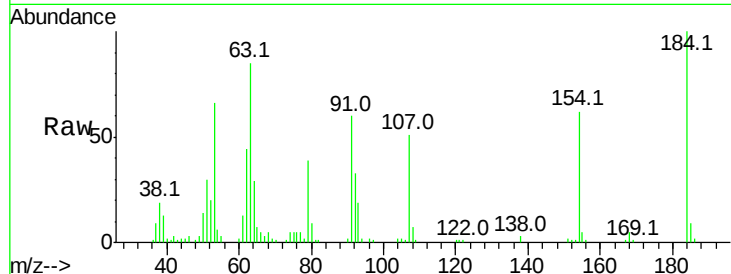
#53
 2,4-Dinitrophenol
 Concen: 54.20 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	85.2	62.4	93.6	
154	62.0	46.6	69.8	

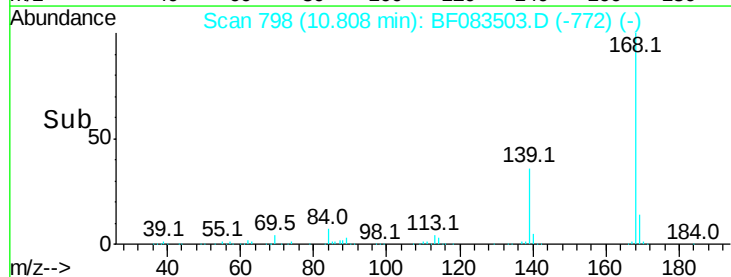
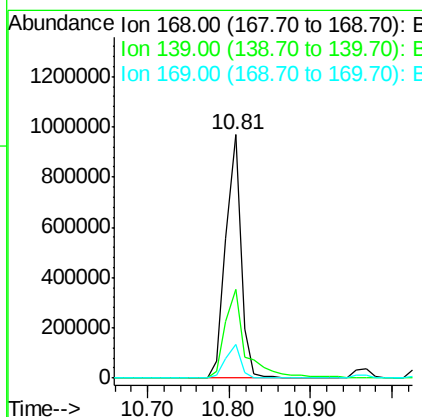
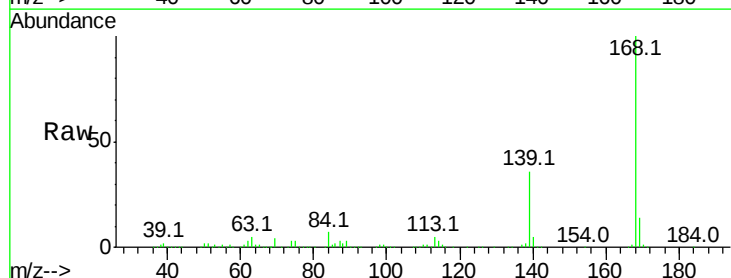
Manual Integrations
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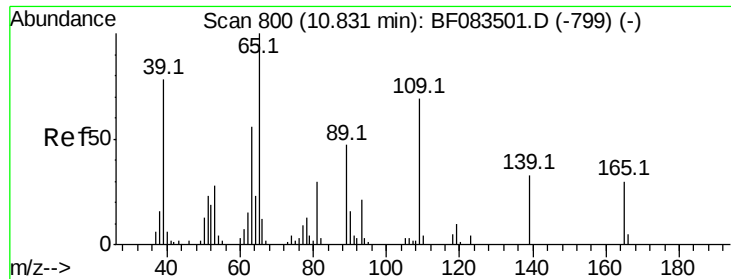
Mmdadoda
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#54
 Dibenzofuran
 Concen: 54.92 ng
 RT: 10.81 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.3	28.0	42.0	
169	13.8	10.8	16.2	





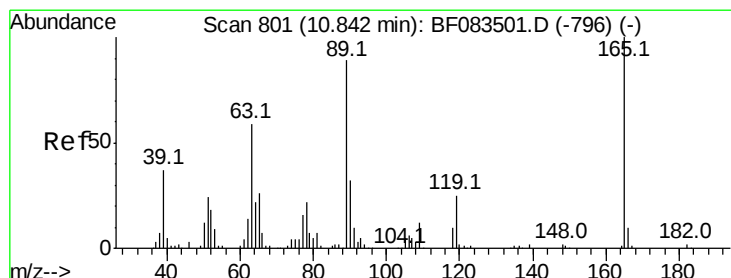
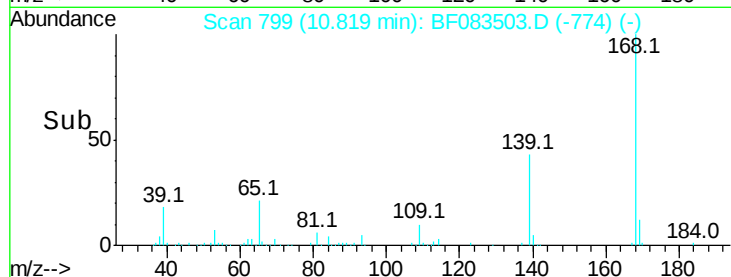
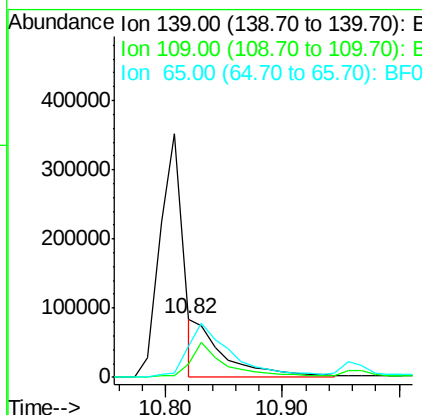
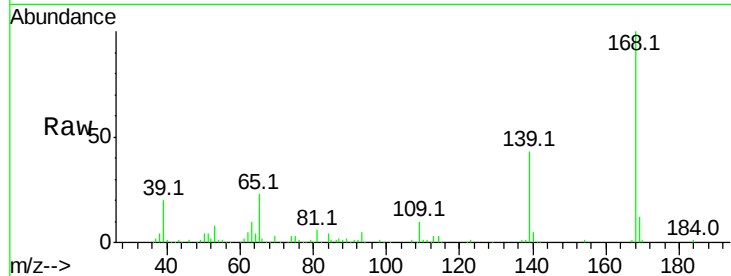
#55
4-Nitrophenol
Concen: 47.67 ng/mL
RT: 10.82 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.6	42.0	82.0	#
65	52.4	89.2	129.2	#

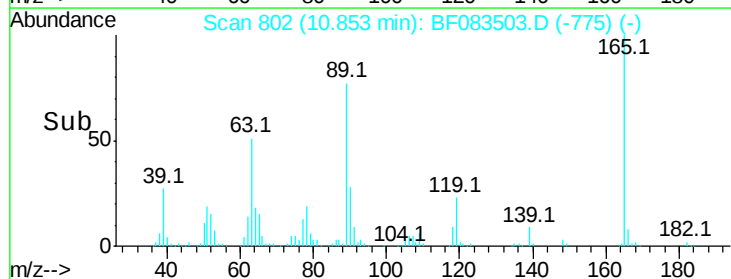
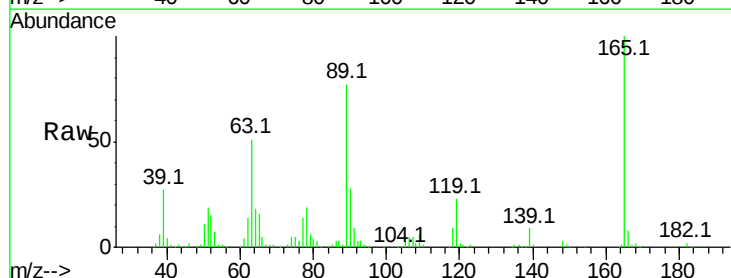
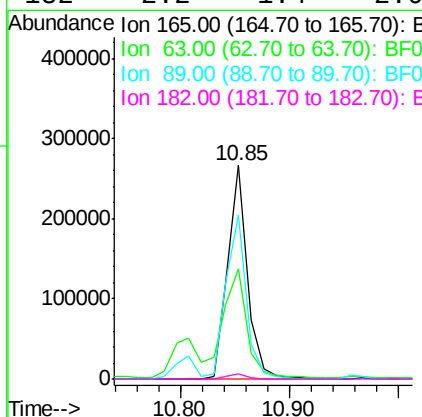
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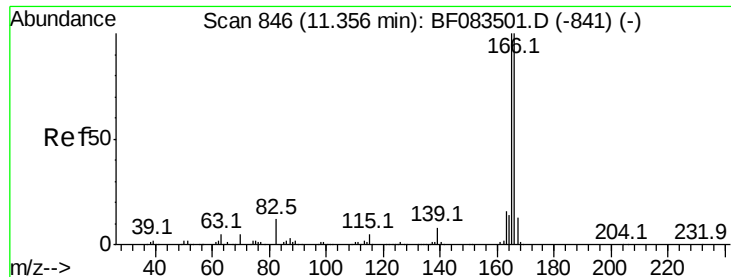
Mmdadoda
12/7/2015 6:30:45 PM



#56
2,4-Dinitrotoluene
Concen: 60.73 ng/mL
RT: 10.85 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.4	51.4	77.2	#
89	76.7	72.6	108.8	#
182	2.2	1.4	2.0	#





#57

Fluorene

Concen: 58.78 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1071257

Ion Ratio Lower Upper

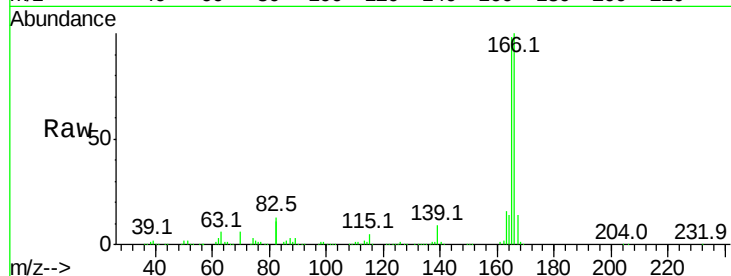
166 100

165 98.5 80.0 120.0

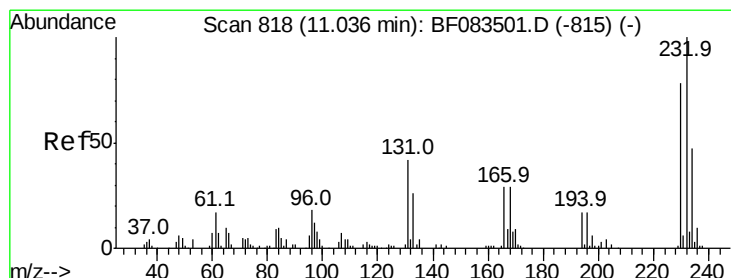
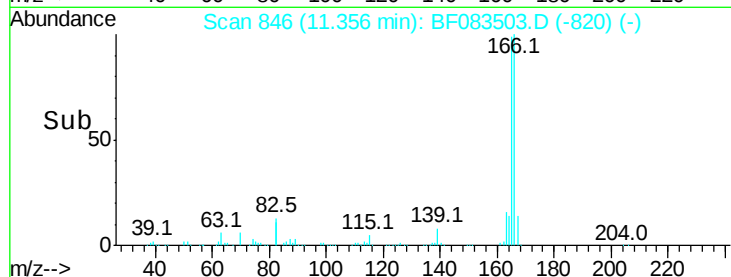
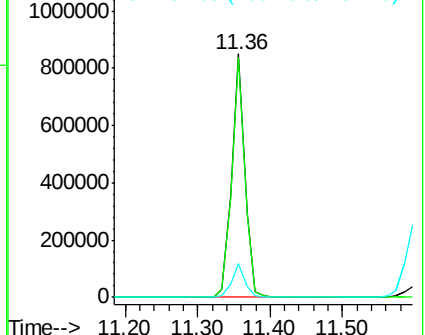
167 13.8 10.6 16.0

Manual Integrations
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Mmdadoda
12/7/2015 6:30:45 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.49 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:232 Resp: 236834

Ion Ratio Lower Upper

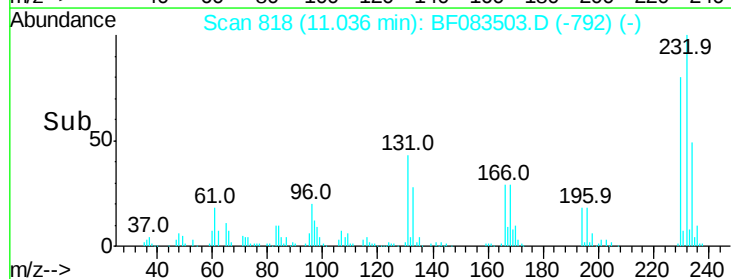
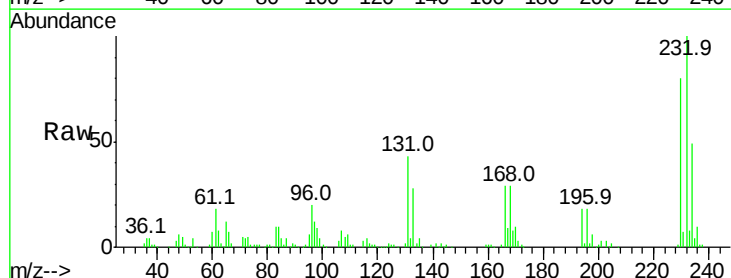
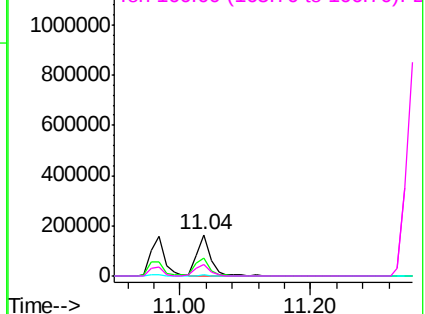
232 100

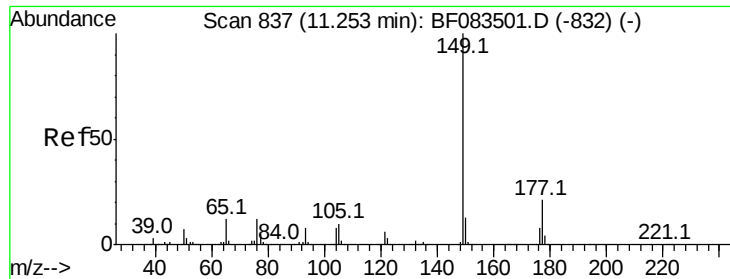
131 47.0 0.0 0.0#

130 2.2 0.0 0.0#

166 30.3 0.0 0.0#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





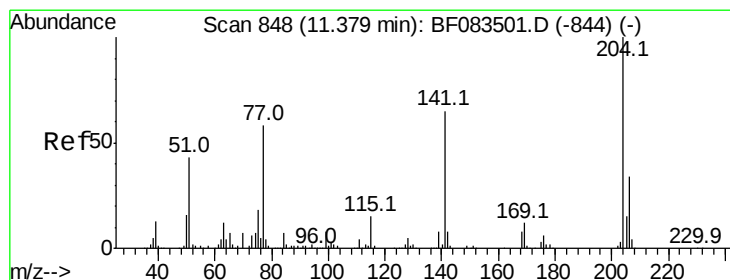
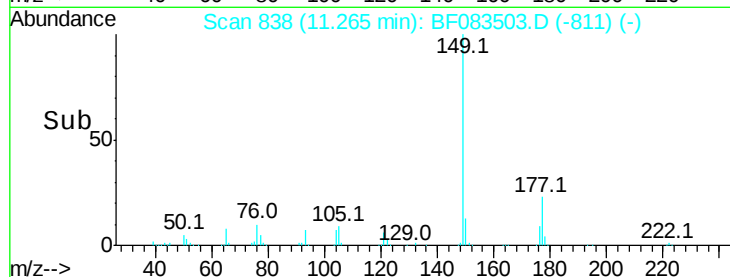
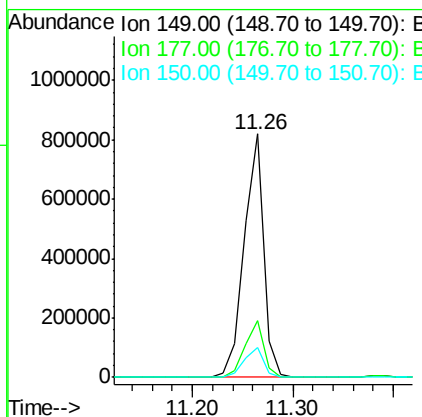
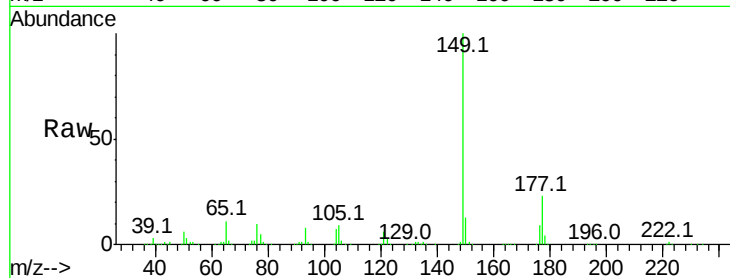
#59
Diethylphthalate
Concen: 57.41 ng
RT: 11.26 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion:149 Resp: 1104022
Ion Ratio Lower Upper
149 100
177 23.2 16.9 25.3
150 12.5 10.2 15.4

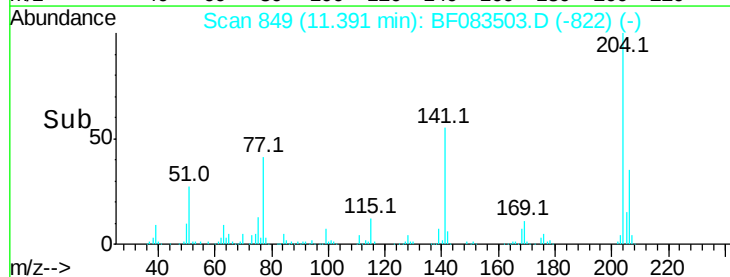
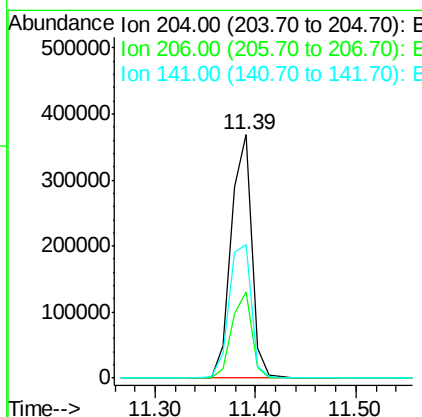
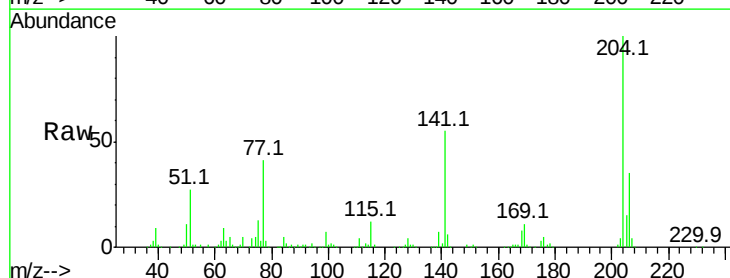
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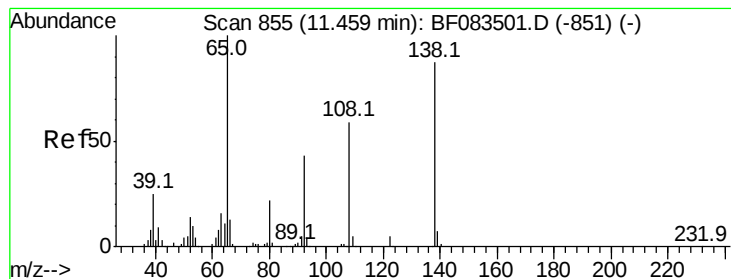
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#60
4-Chlorophenyl-phenylether
Concen: 62.37 ng
RT: 11.39 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:204 Resp: 521944
Ion Ratio Lower Upper
204 100
206 35.2 27.3 40.9
141 54.8 51.9 77.9





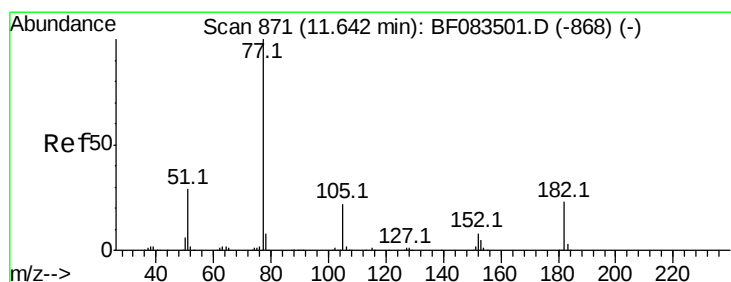
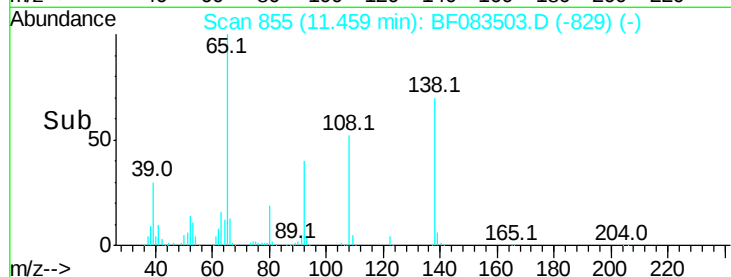
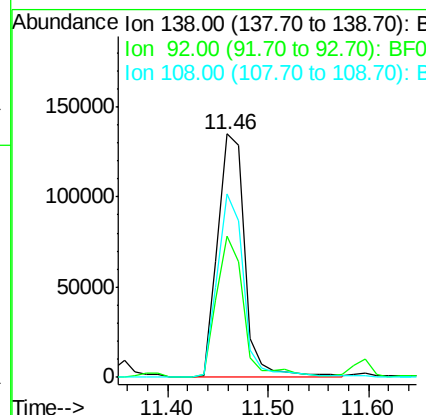
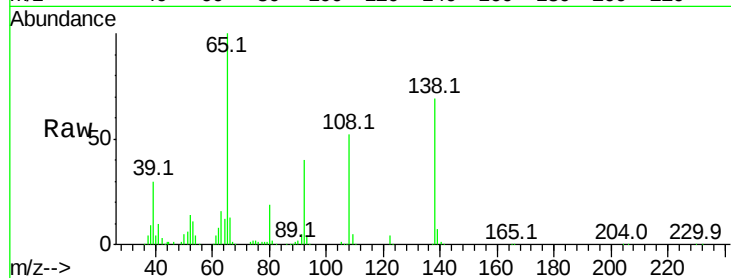
#61
4-Nitroaniline
Concen: 52.51 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.1	29.0	69.0
108	75.2	47.4	87.4

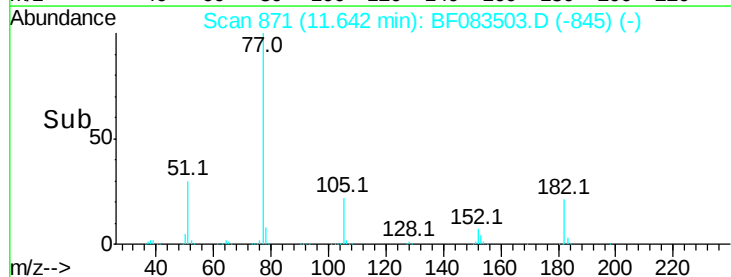
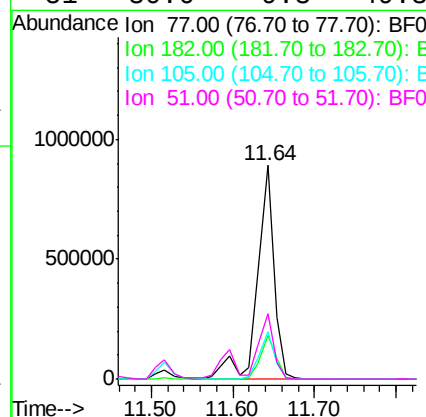
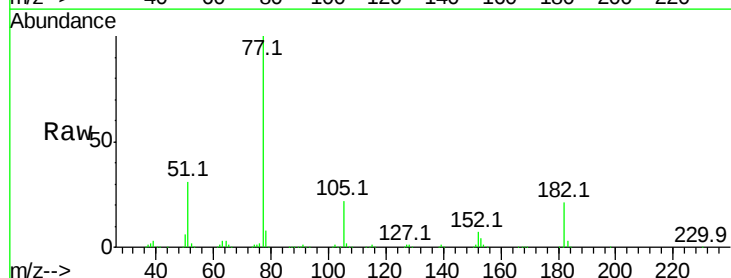
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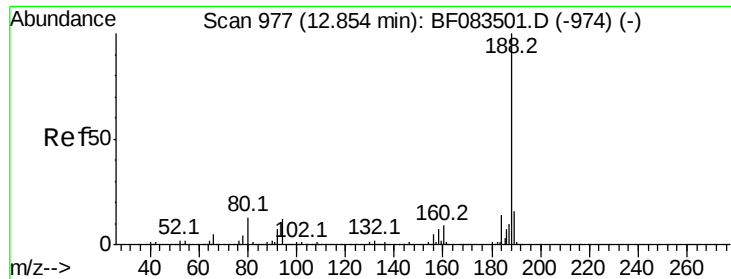
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#62
Azobenzene
Concen: 55.47 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	2.5	42.5
105	21.9	2.1	42.1
51	30.6	9.3	49.3





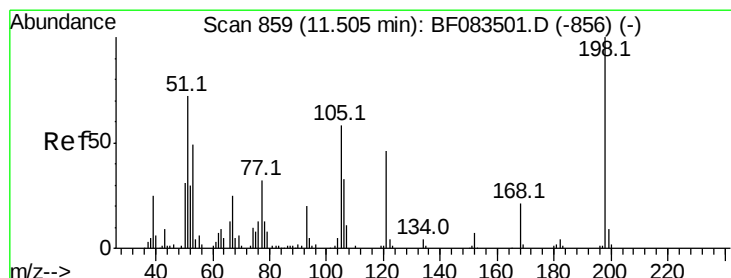
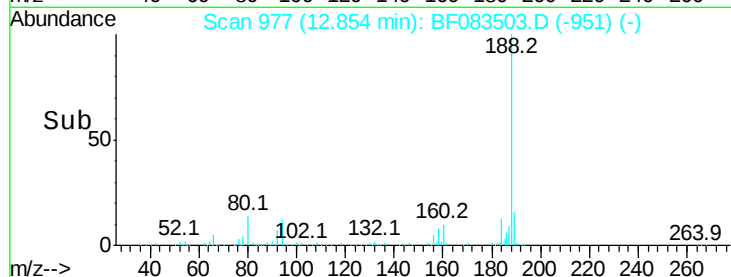
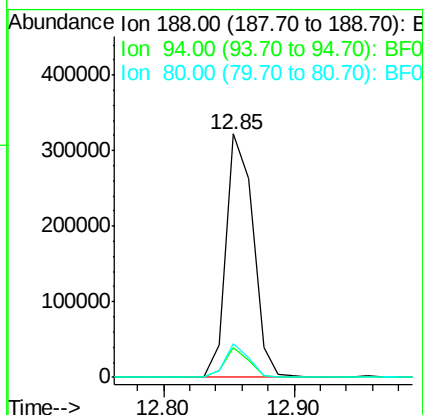
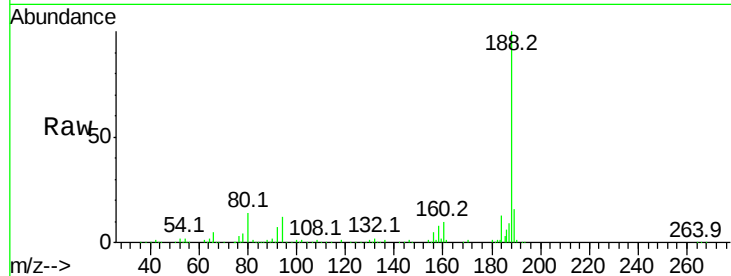
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462509		
94	12.2		9.4	14.2
80	14.1		10.6	16.0

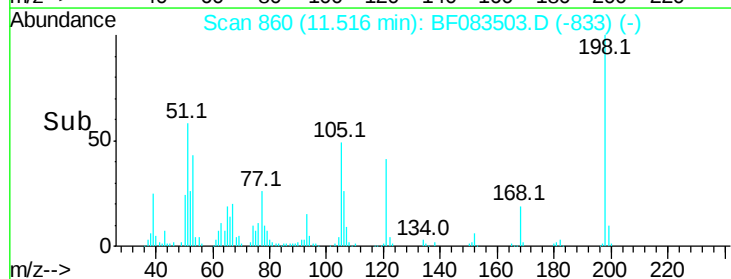
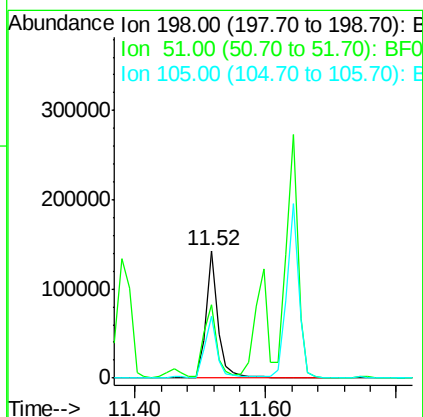
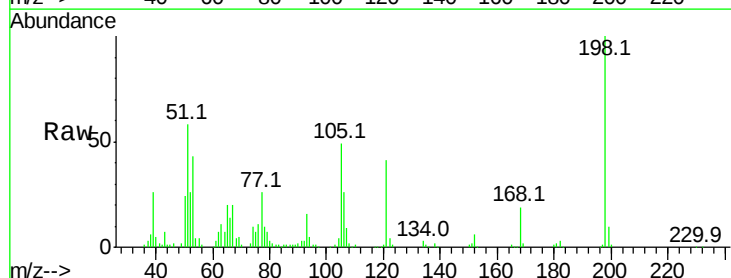
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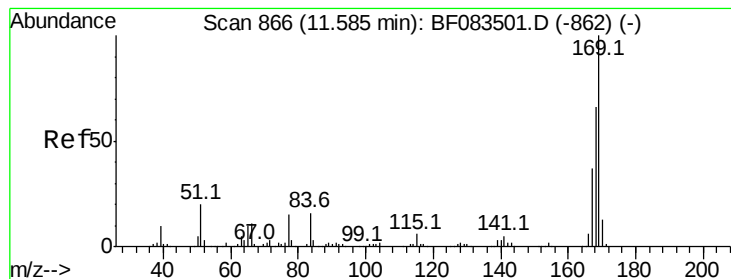
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#64
4,6-Dinitro-2-methylphenol
Concen: 60.70 ng
RT: 11.52 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	185480		
51	57.7		53.8	93.8
105	49.0		38.6	78.6





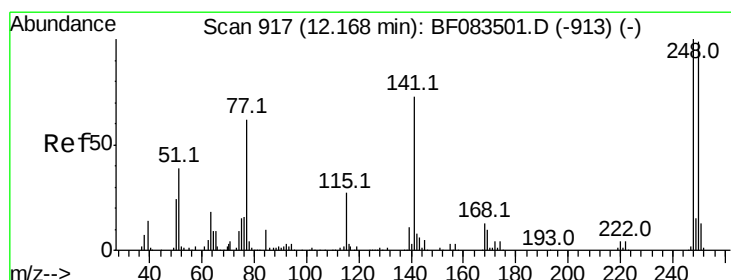
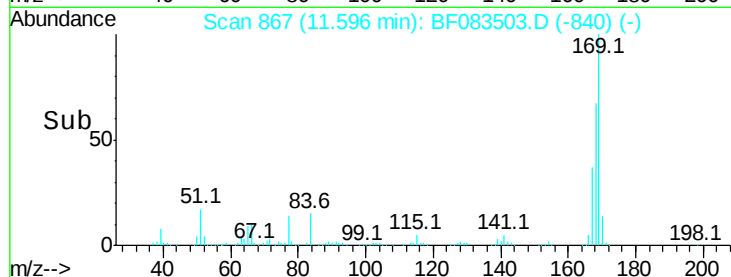
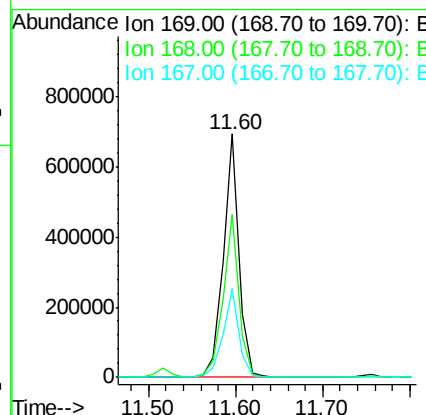
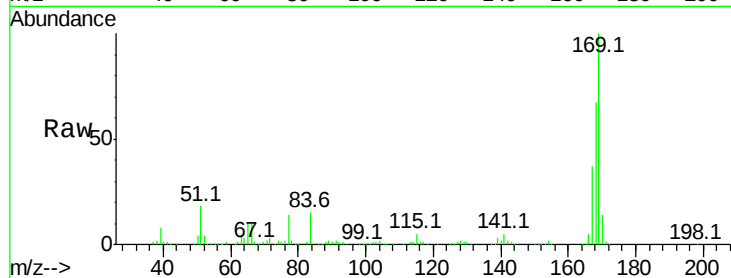
#65
n-Nitrosodiphenylamine
Concen: 54.74 ng
RT: 11.60 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
169	100	882798		
168	67.1	53.0	79.6	
167	36.6	29.3	43.9	

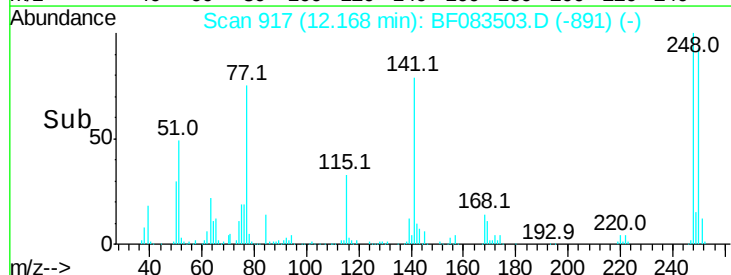
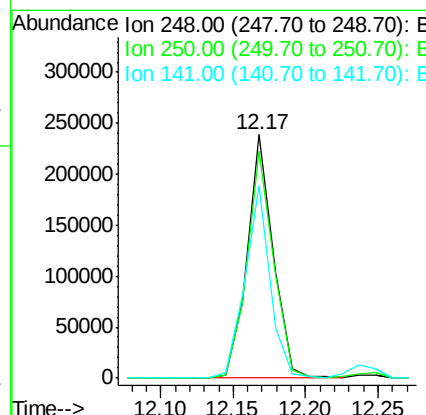
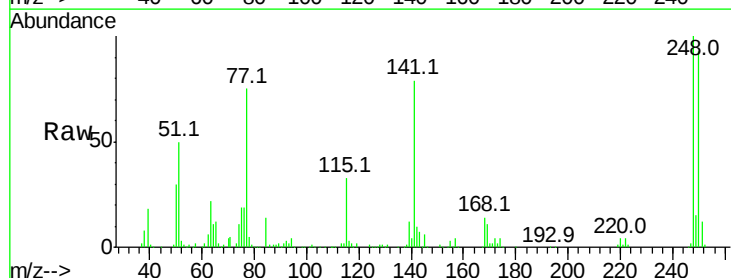
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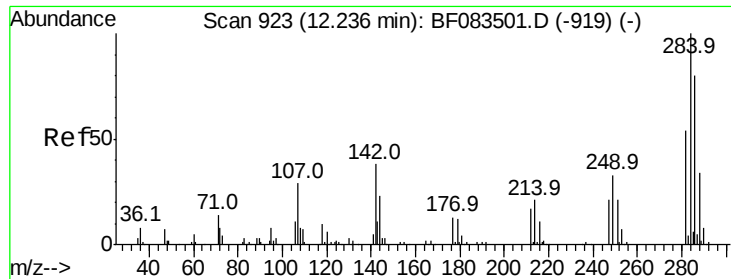
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#66
4-Bromophenyl-phenylether
Concen: 58.58 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	297169		
250	93.2	79.2	118.8	
141	79.1	58.2	87.4	





#67

Hexachlorobenzene

Concen: 57.14 ng

RT: 12.25 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

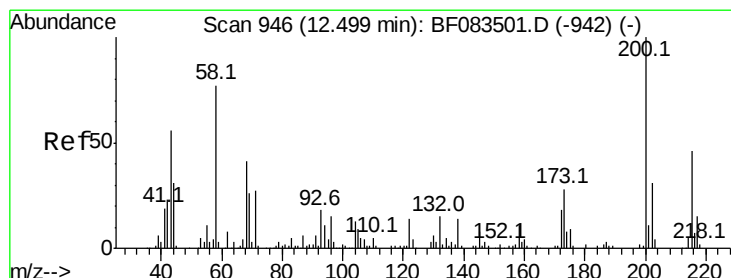
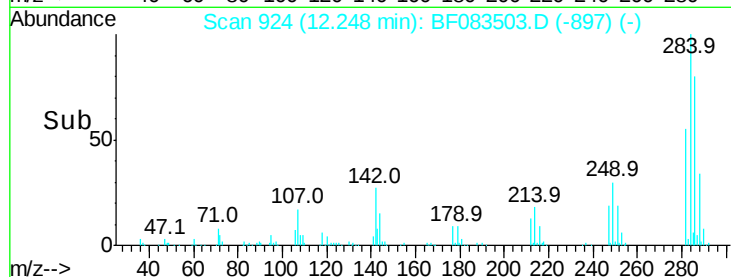
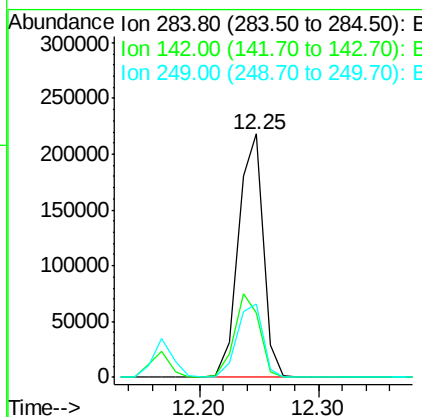
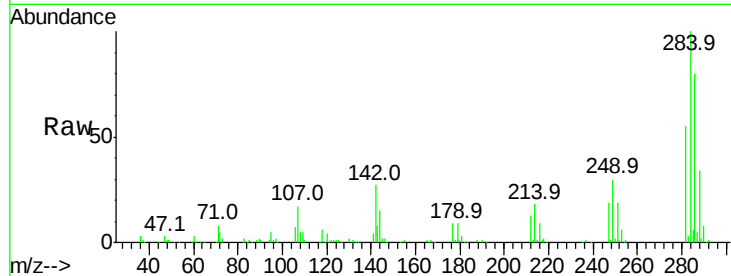
ClientSampleId :

SSTDICC060

Tot Ion:	284	Resp:	318538
Ion Ratio		Lower	Upper
284	100		
142	26.5	31.0	46.4#
249	30.3	26.9	40.3

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#68

Atrazine

Concen: 59.84 ng

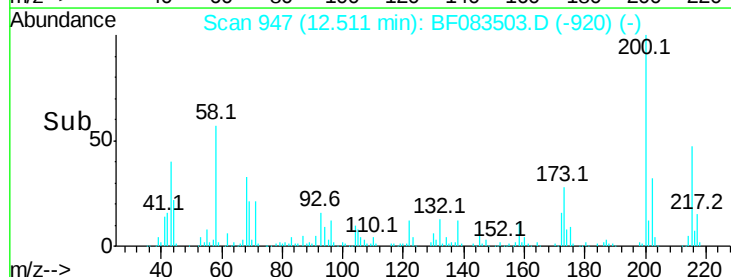
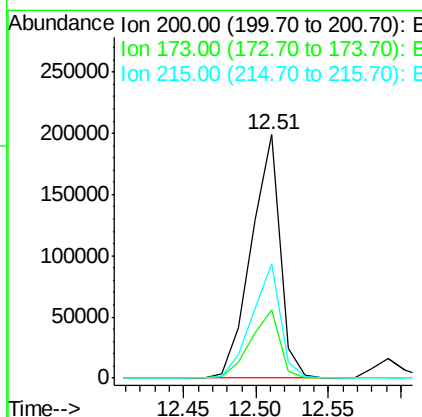
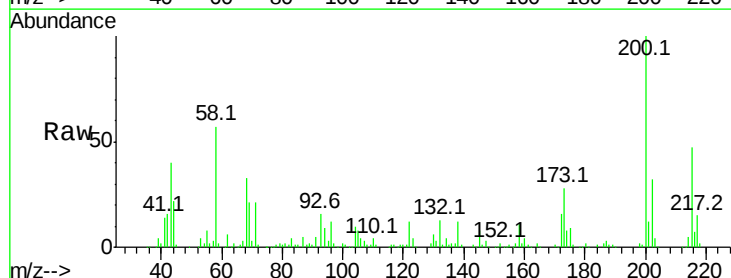
RT: 12.51 min Scan# 947

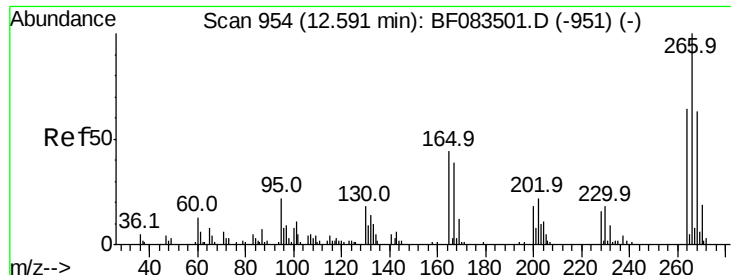
Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	200	Resp:	274714
Ion Ratio		Lower	Upper
200	100		
173	27.9	7.8	47.8
215	47.1	25.7	65.7





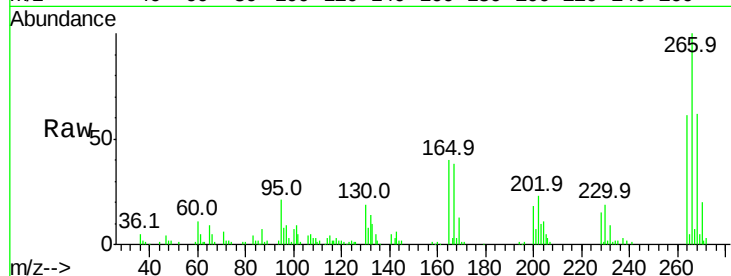
#69
 Pentachlorophenol
 Concen: 50.46 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

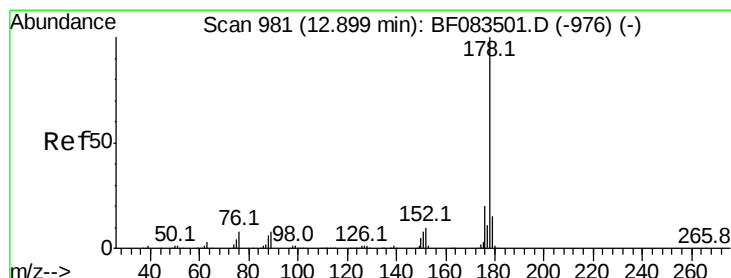
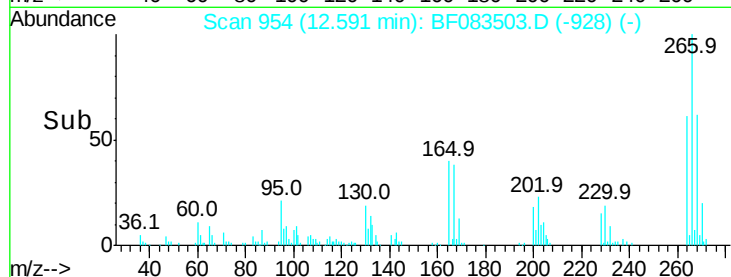
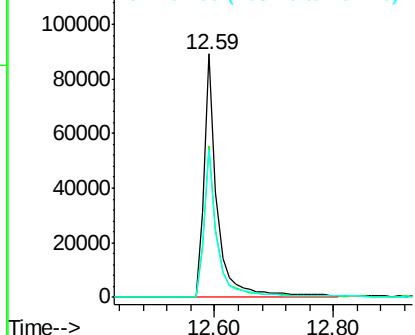
Tot Ion	Ratio	Resp	Lower	Upper
266	100	142488		
268	62.4	50.2	75.2	
264	60.8	51.4	77.2	

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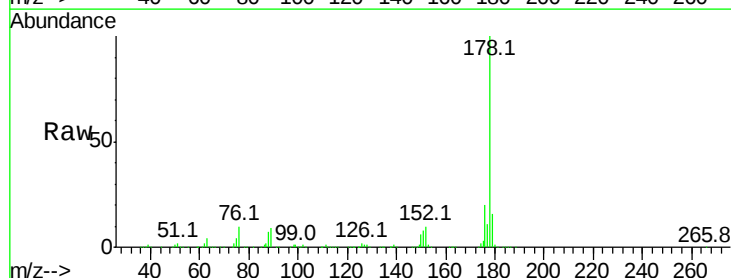


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

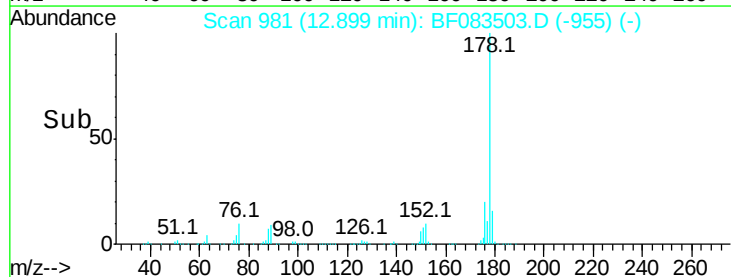
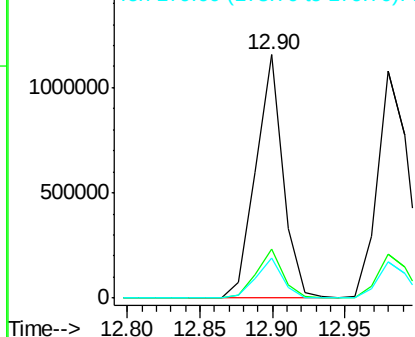


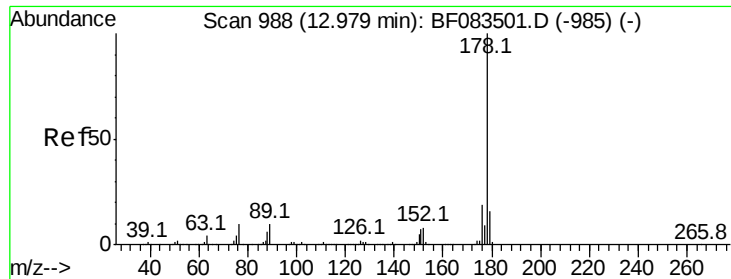
#70
 Phenanthrene
 Concen: 54.99 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1507378		
176	20.3	15.7	23.5	
179	16.3	12.2	18.4	



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





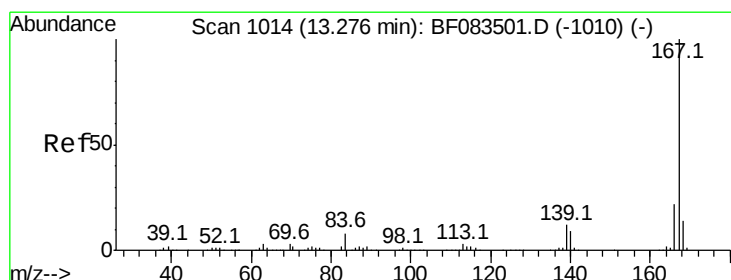
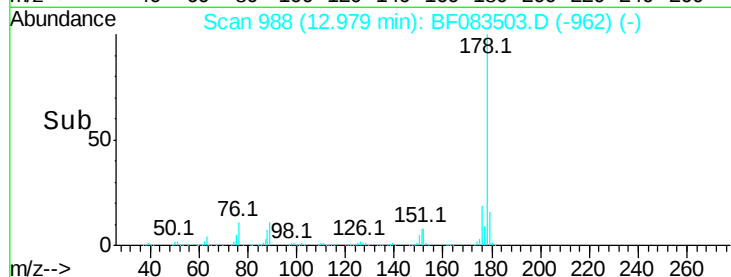
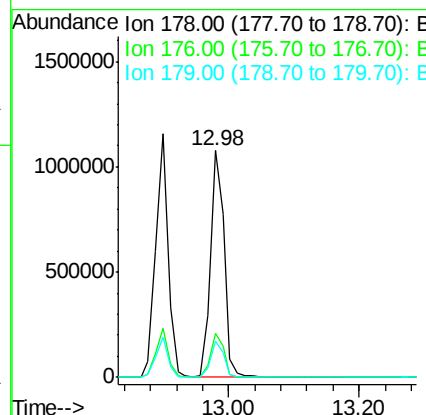
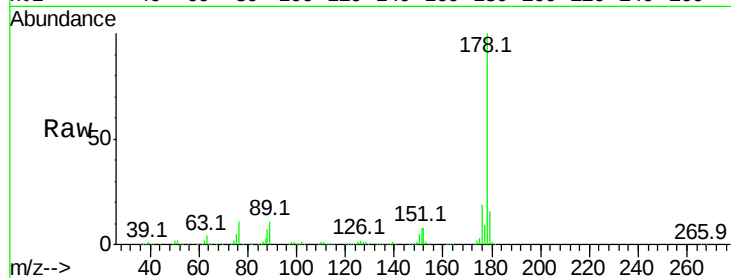
#71
 Anthracene
 Concen: 56.67 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	16.1	12.6	18.8

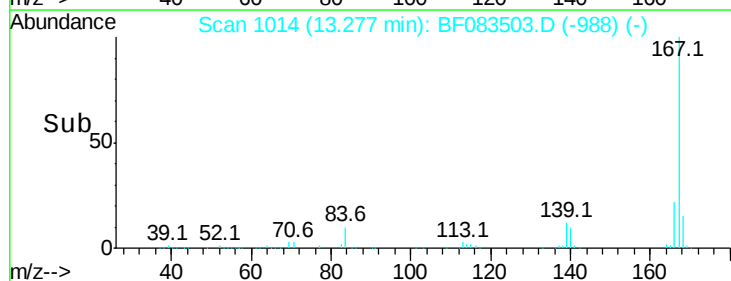
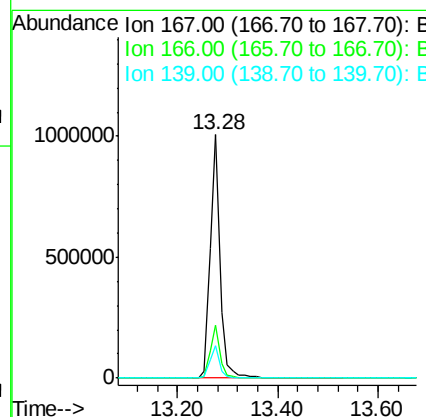
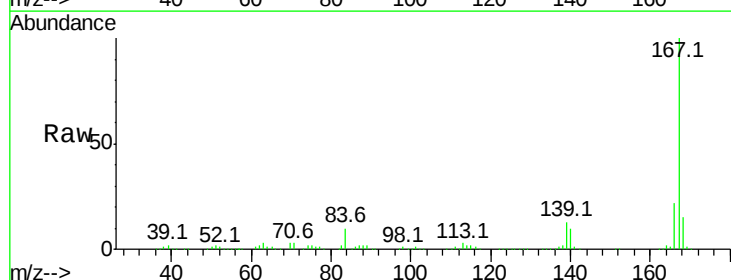
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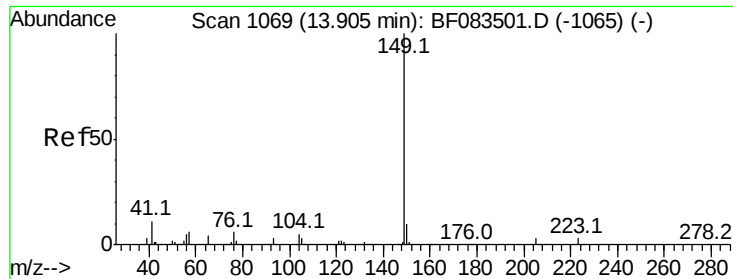
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#72
 Carbazole
 Concen: 54.91 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.1	9.3	13.9





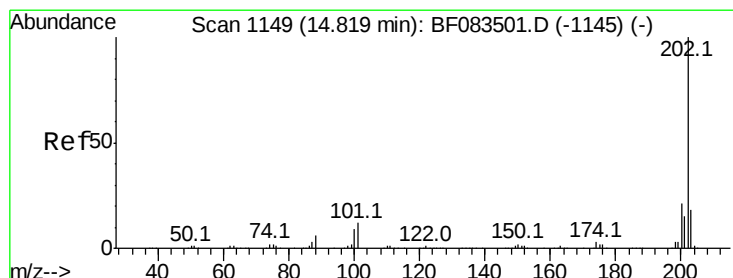
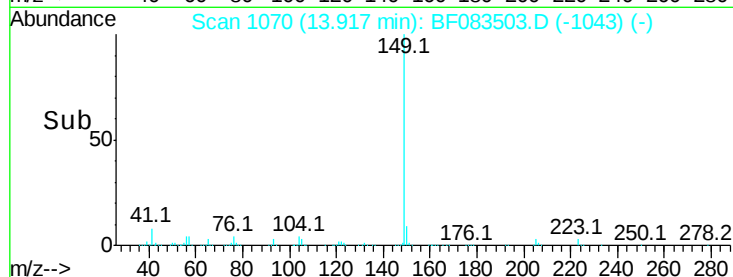
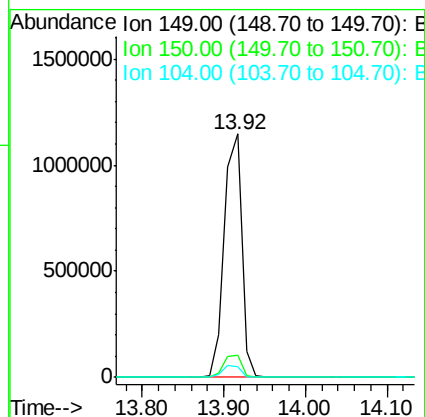
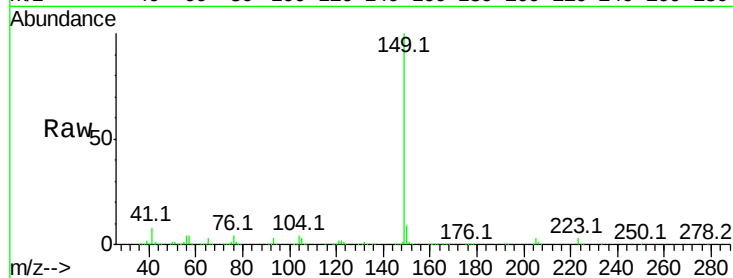
#73
Di-n-butylphthalate
Concen: 57.70 ng
RT: 13.92 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.4	3.9	5.9

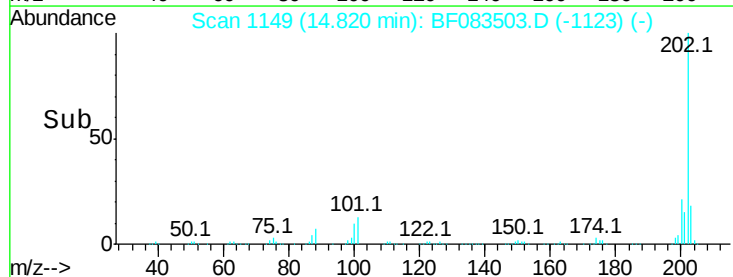
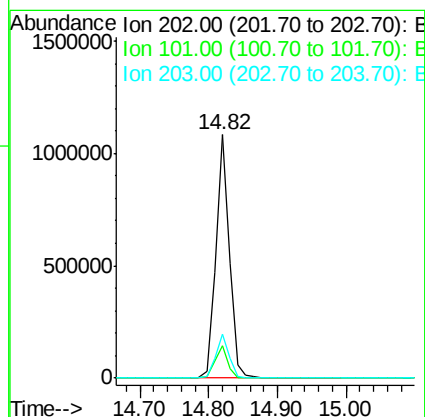
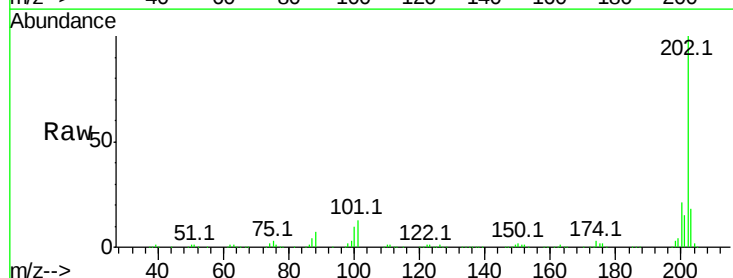
Manual Integrations
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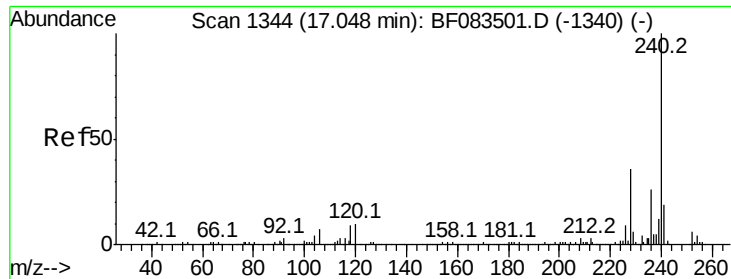
Mmdadoda
12/7/2015 6:30:45 PM



#74
Fluoranthene
Concen: 52.89 ng
RT: 14.82 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.5
203	18.1	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

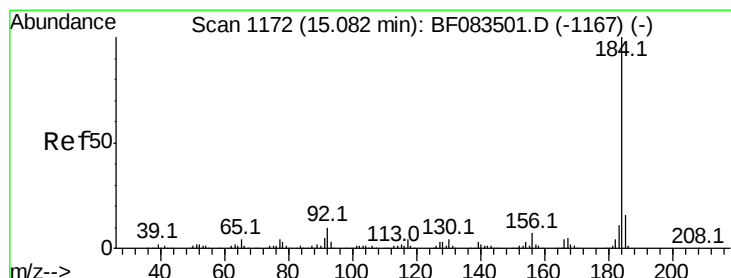
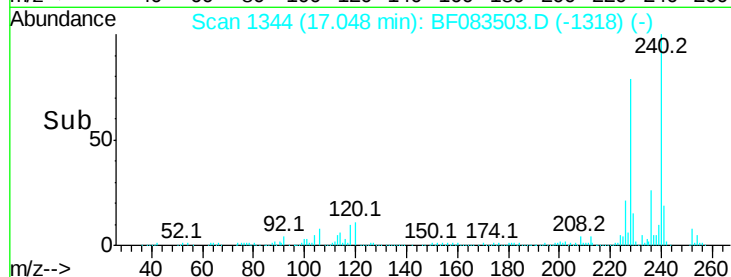
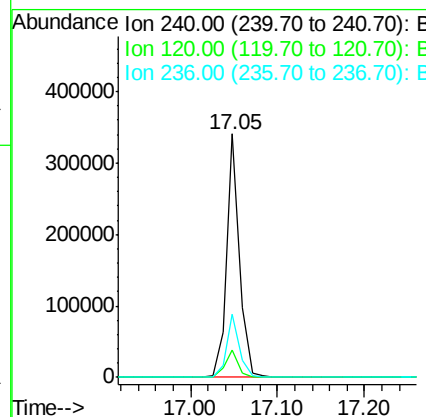
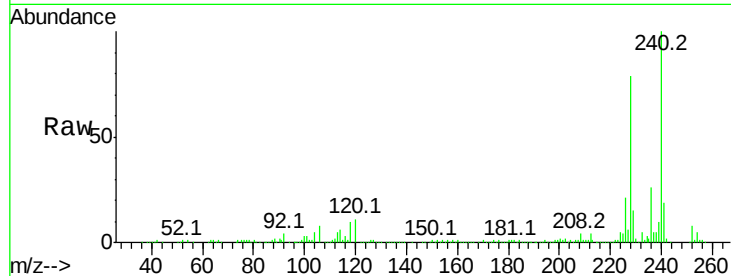
ClientSampleId :

SSTDICC060

Tot Ion:	240	Resp:	352767
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.1	12.1
236	25.7	20.8	31.2

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12/7/2015 6:30:45 PM



#76

Benzidine

Concen: 69.59 ng

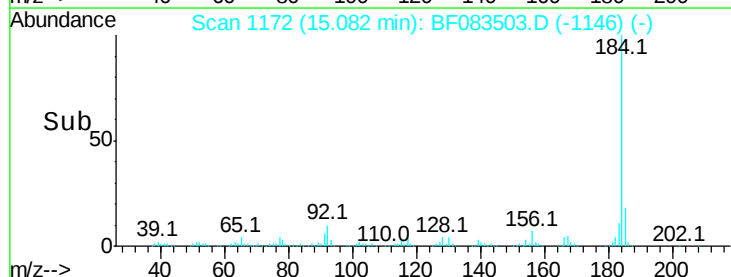
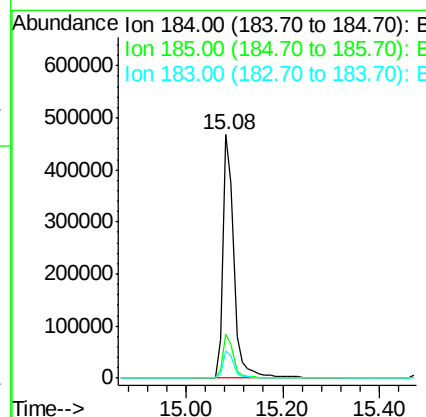
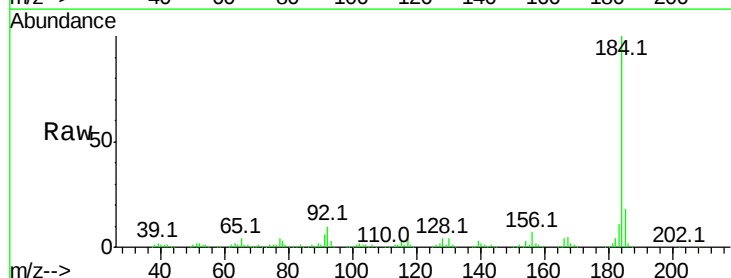
RT: 15.08 min Scan# 1172

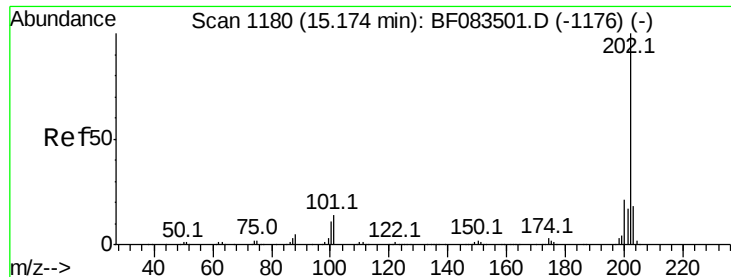
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	184	Resp:	760104
Ion Ratio	Lower	Upper	
184	100		
185	18.2	13.0	19.6
183	11.1	9.0	13.4





#77

Pvrene

Concen: 61.37 ng

RT: 15.17 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 1541250

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.1	14.3	21.5

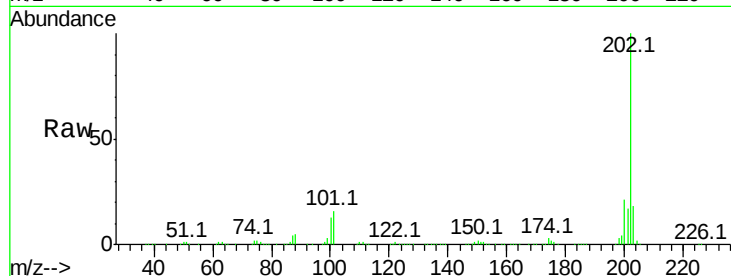
202 100

200 21.0 16.7 25.1

203 18.1 14.3 21.5

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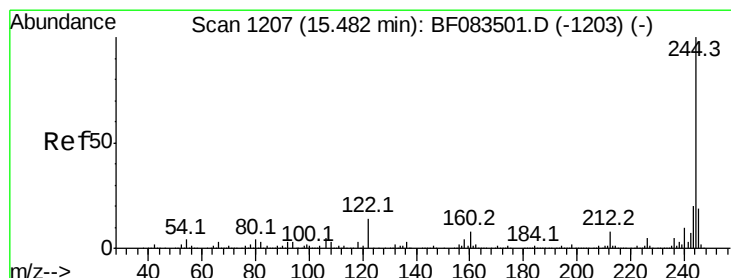
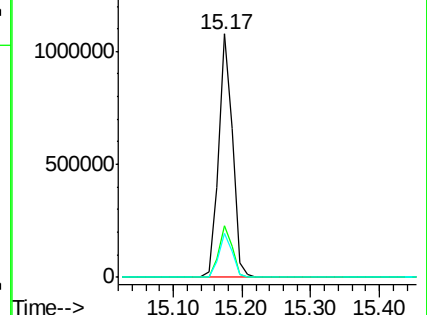
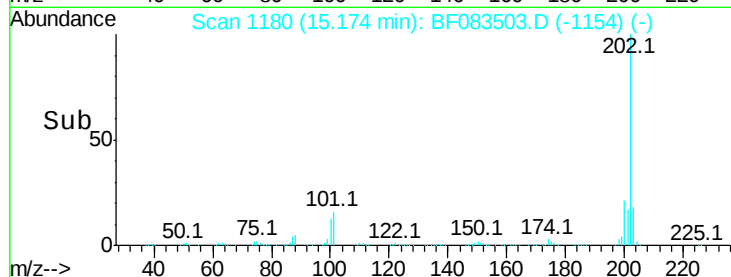
Mmdadoda
12/7/2015 6:30:45 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 120.73 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

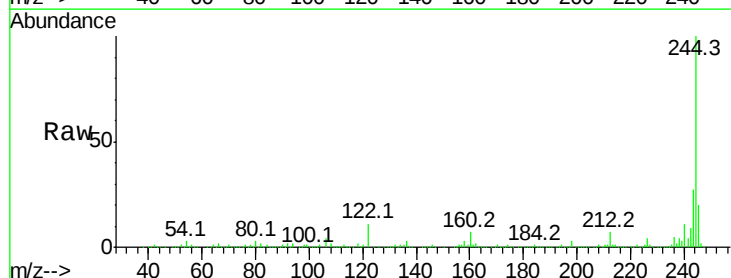
Tgt Ion:244 Resp: 1828741

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.9	11.0	16.6

244 100

212 7.4 6.1 9.1

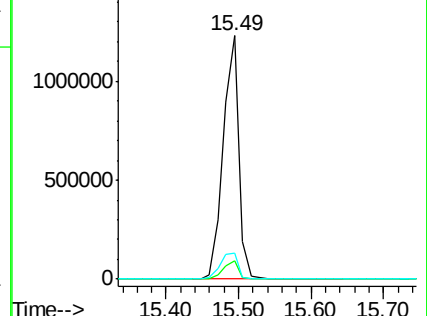
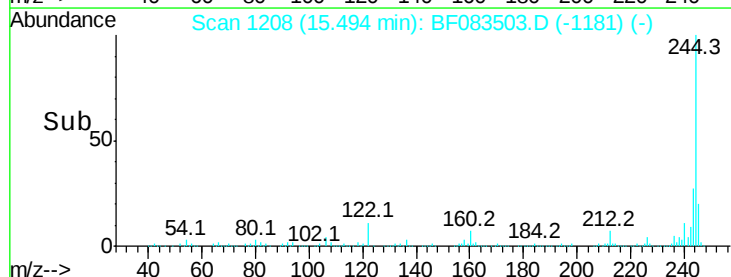
122 10.9 11.0 16.6#

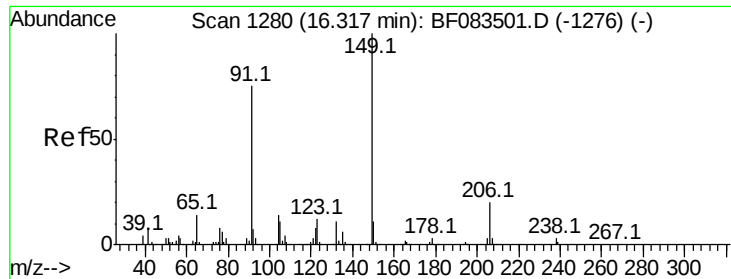


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





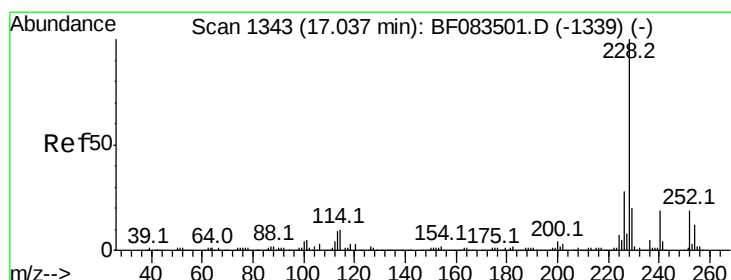
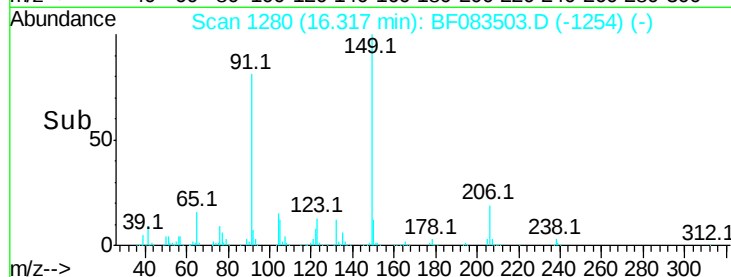
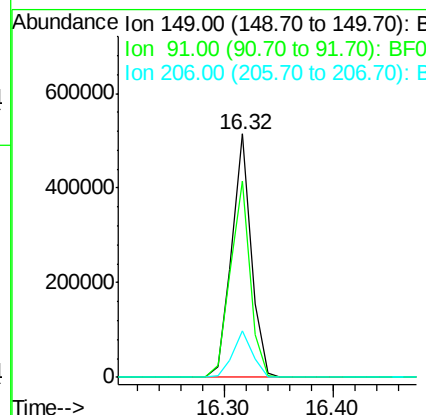
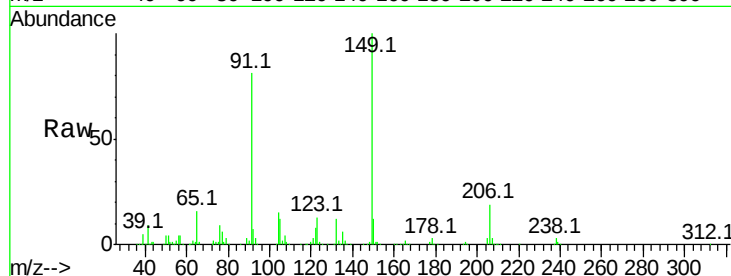
#79
Butylbenzylphthalate
Concen: 59.93 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.8	60.0	90.0
206	19.2	16.2	24.4

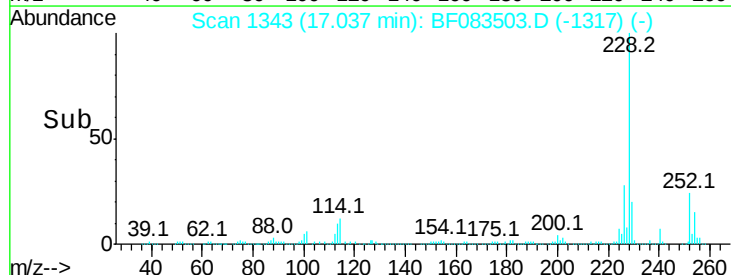
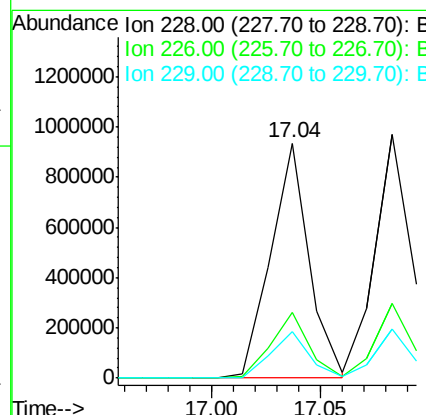
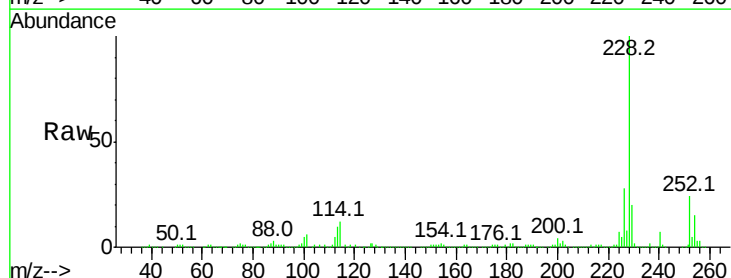
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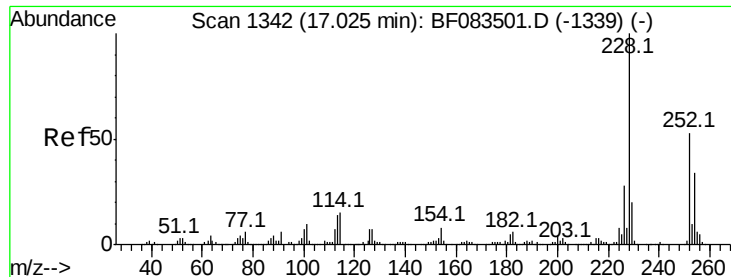
Mmdadoda
12/7/2015 6:30:45 PM



#80
Benzo(a)anthracene
Concen: 53.42 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.0	15.7	23.5





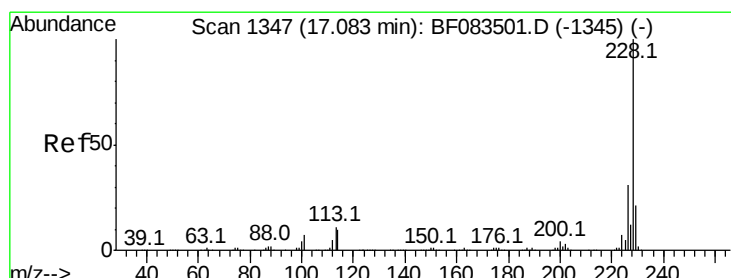
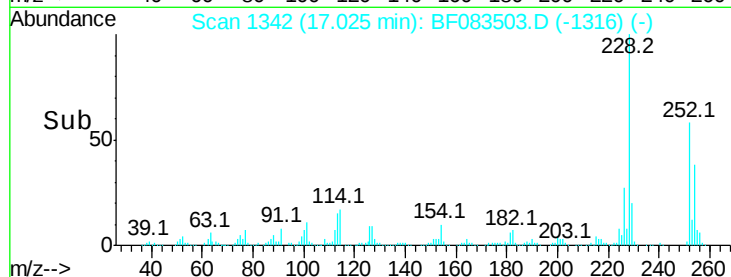
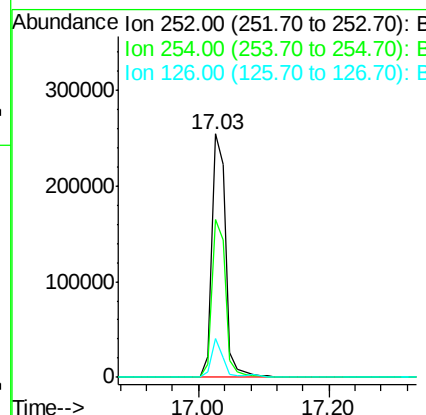
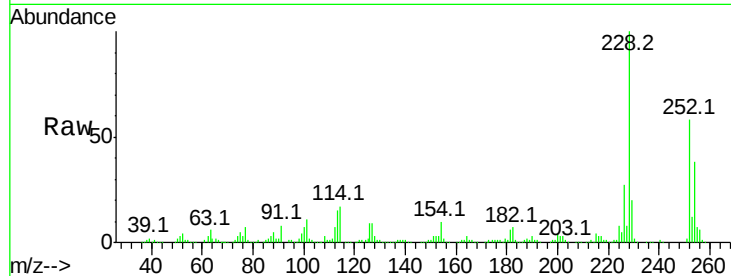
#81
 3,3'-Dichlorobenzidine
 Concen: 55.68 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	378031		
254	65.0	50.6	76.0	
126	15.9	11.0	16.4	

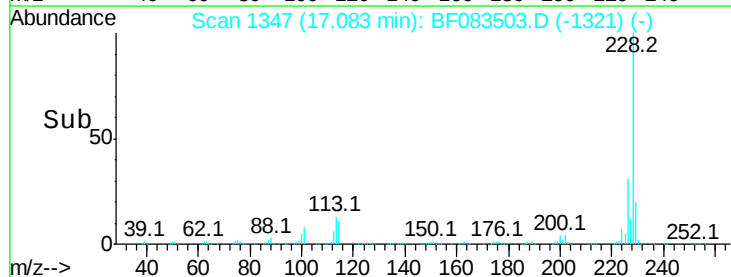
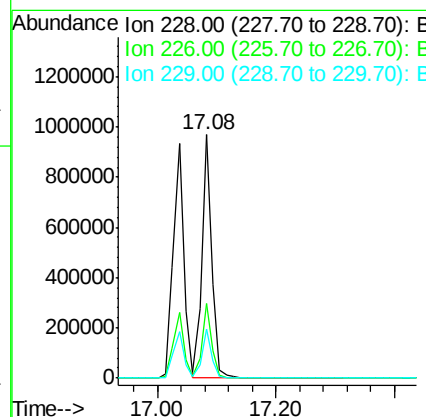
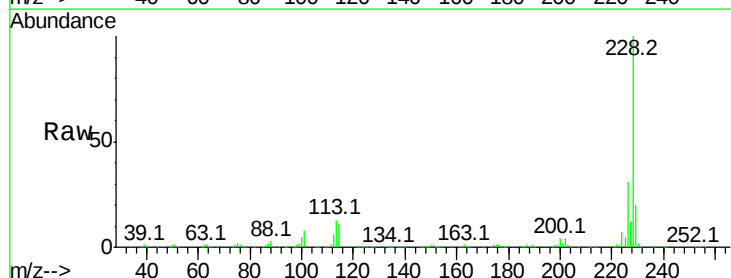
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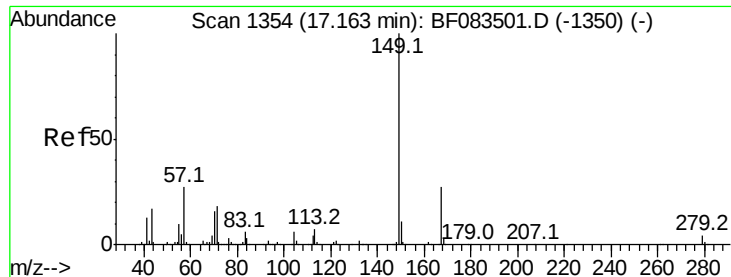
Mmdadoda
 12/7/2015 6:30:45 PM



#82
 Chrysene
 Concen: 54.96 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1156935		
226	30.7	24.7	37.1	
229	19.9	16.3	24.5	





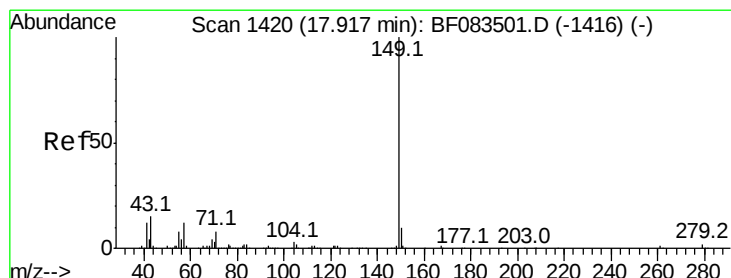
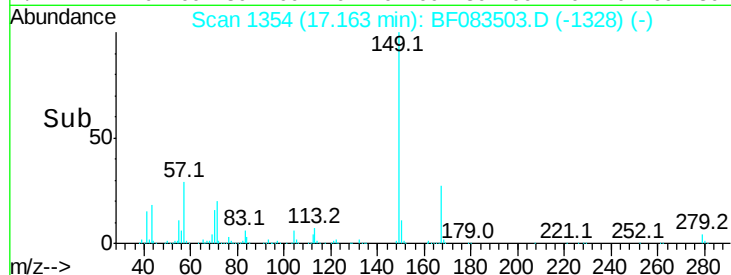
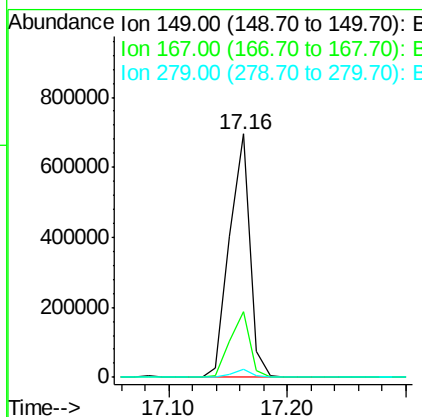
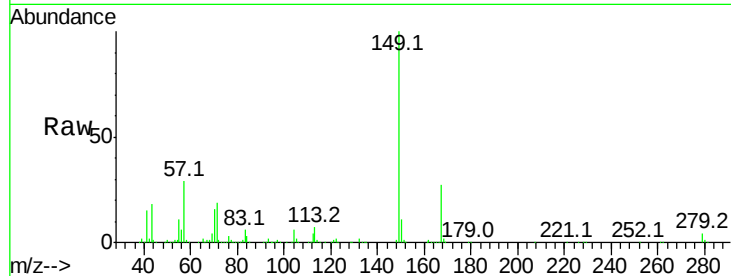
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.22 ng
 RT: 17.16 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	21.8	32.8	
279	3.5	3.0	4.4	

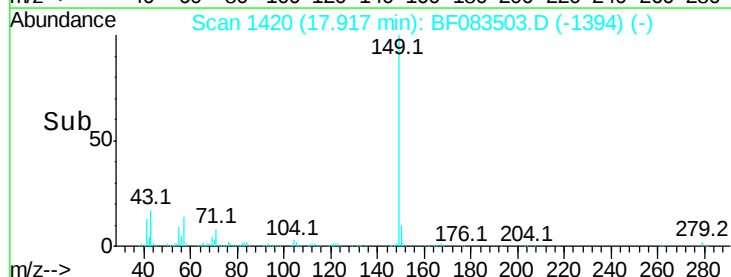
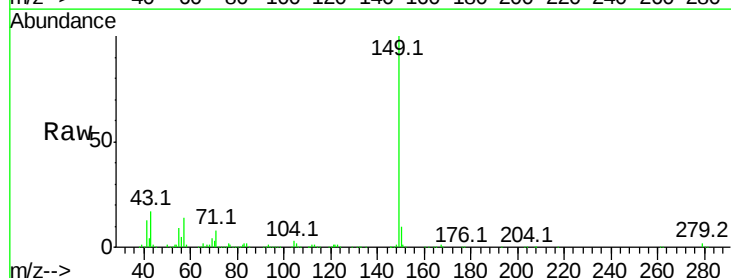
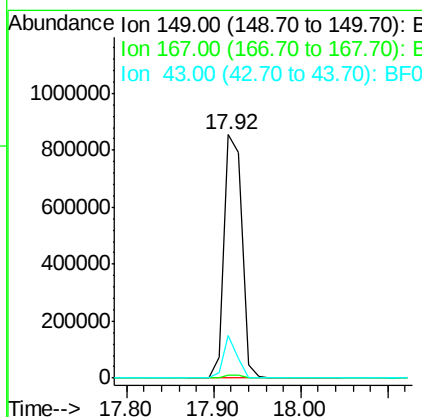
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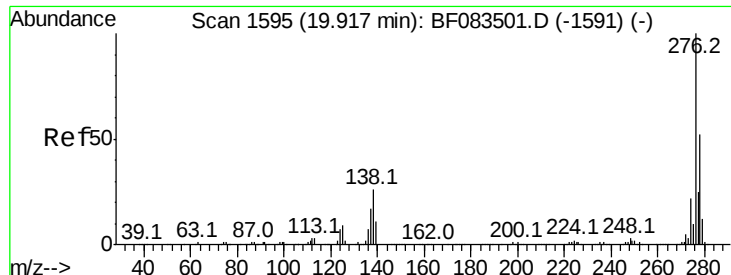
Mmdadoda
 12/7/2015 6:30:45 PM



#84
 Di-n-octyl phthalate
 Concen: 58.68 ng
 RT: 17.92 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	13.8	0.0	0.0#





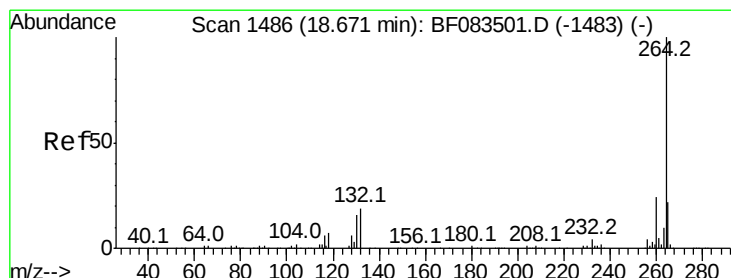
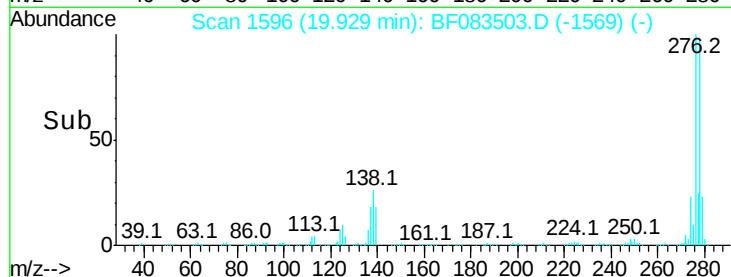
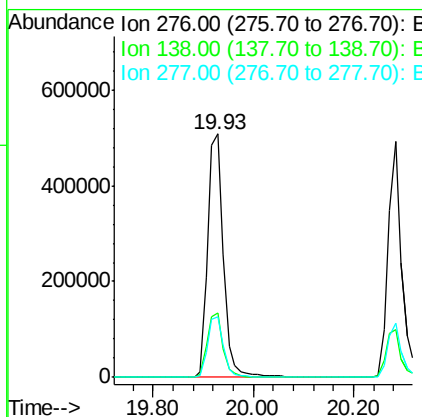
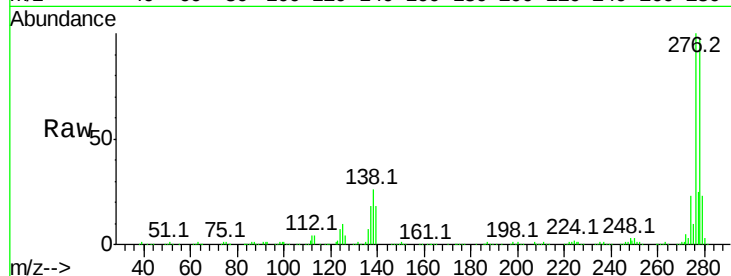
#85
Indeno(1,2,3-cd)pyrene
Concen: 70.67 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	25.0	0.0	0.0#

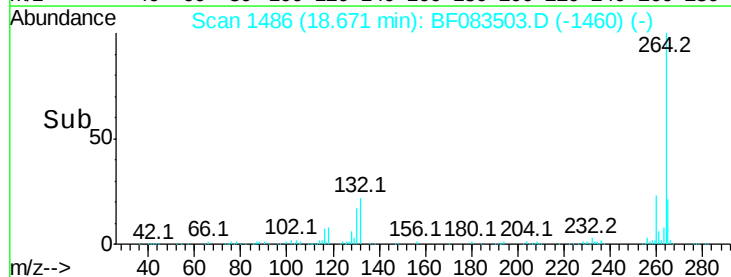
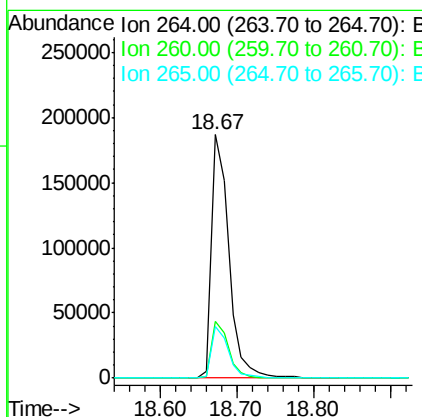
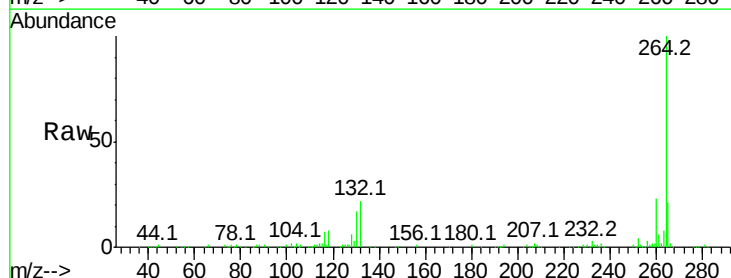
Manual Integrations
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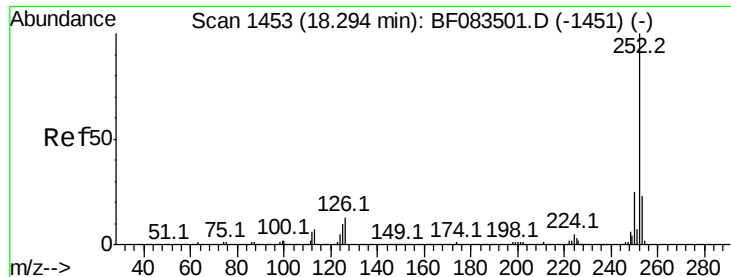
Mmdadoda
12/7/2015 6:30:45 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 47.56 ng m

RT: 18.29 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

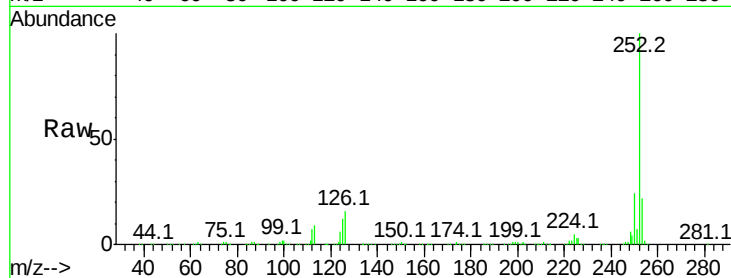
ClientSampleId :

SSTDICC060

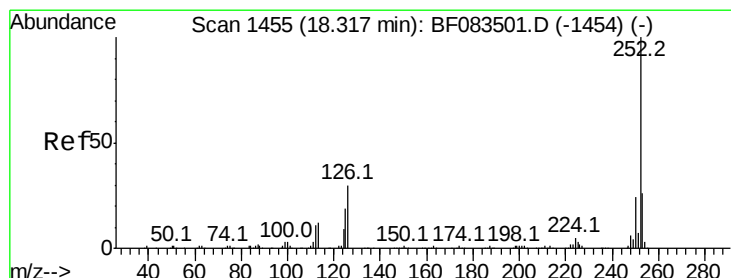
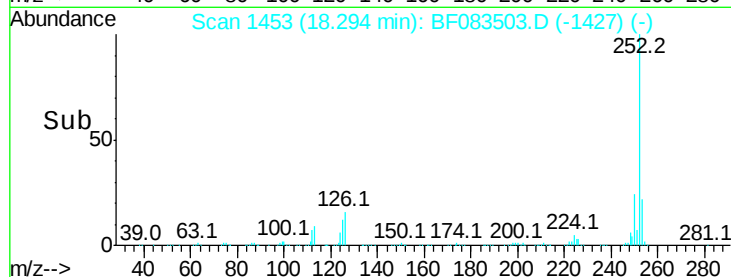
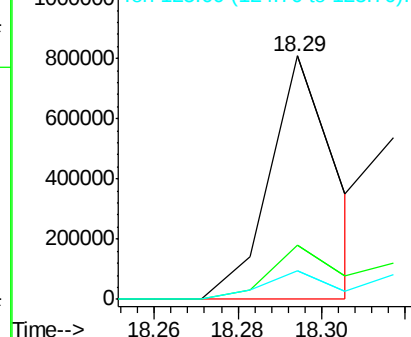
Tot Ion:	252	Resp:	891652
Ion Ratio		Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.9	8.2	12.4

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12/7/2015 6:30:45 PM



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



#88

Benzo(k)fluoranthene

Concen: 54.36 ng m

RT: 18.33 min Scan# 1456

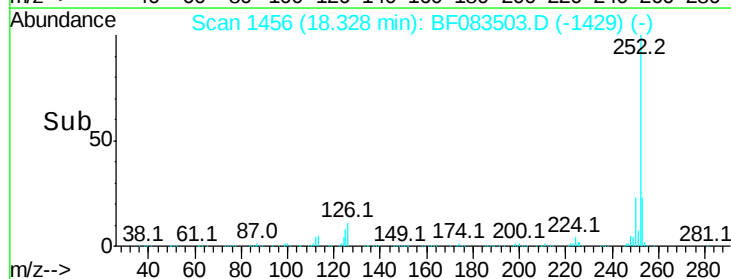
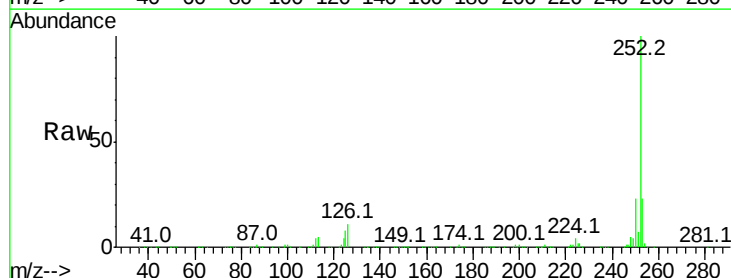
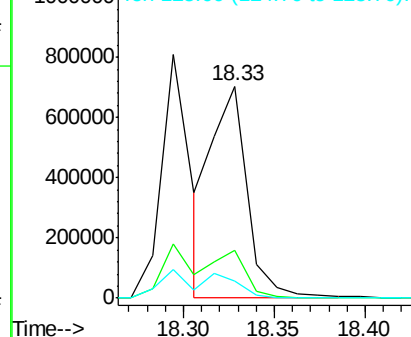
Delta R.T. 0.01 min

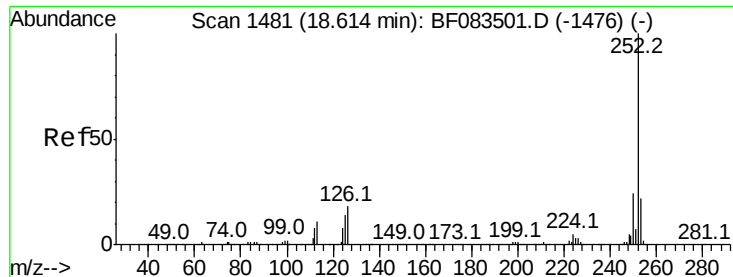
Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	252	Resp:	973808
Ion Ratio		Lower	Upper
252	100		
253	22.5	18.6	27.8
125	8.1	11.5	17.3#

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





#89

Benzo(a)pyrene

Concen: 54.81 ng

RT: 18.63 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

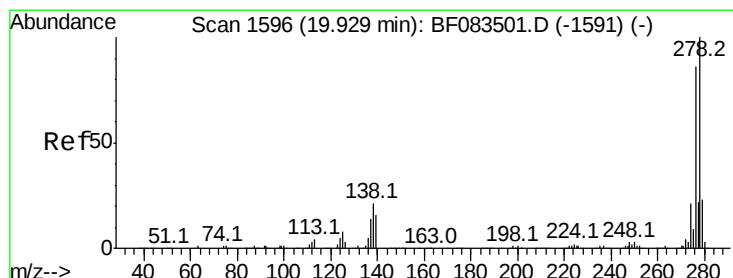
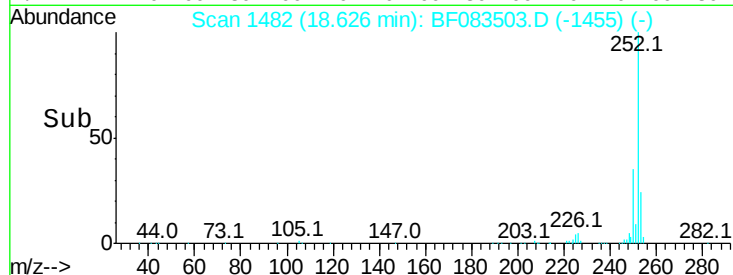
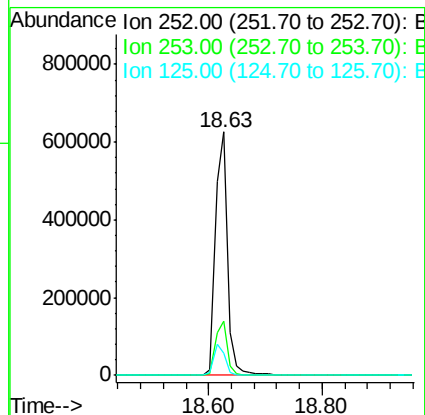
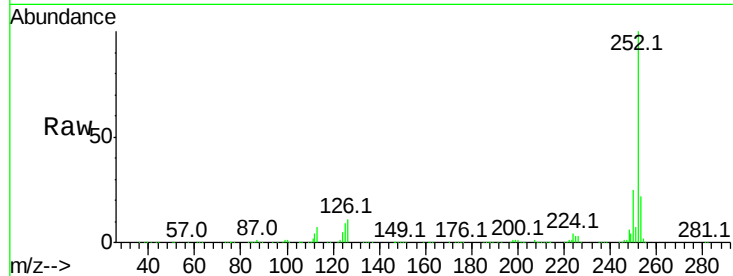
ClientSampleId :

SSTDICC060

Tot Ion:	252	Resp:	896570
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	8.9	11.0	16.6#

Manual Integrations
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Mmdadoda
12/7/2015 6:30:45 PM



#90

Dibenzo(a,h)anthracene

Concen: 64.21 ng

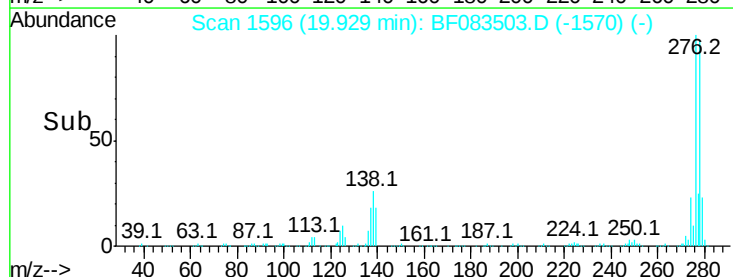
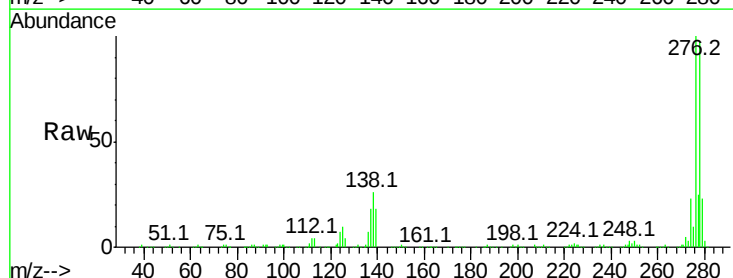
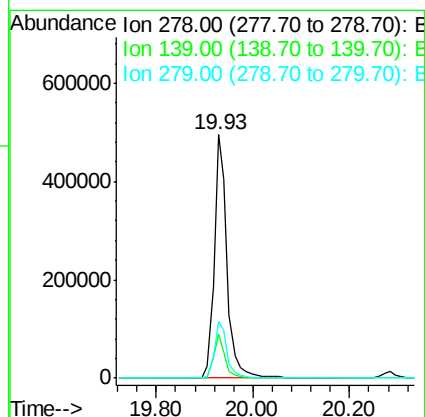
RT: 19.93 min Scan# 1596

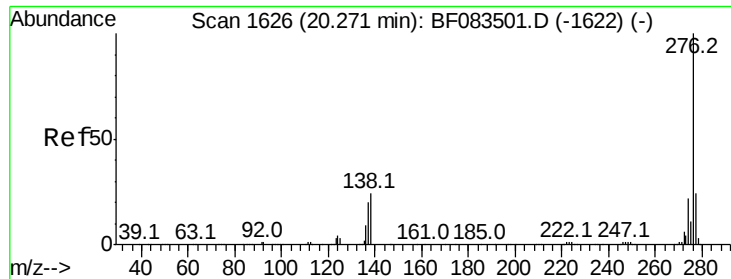
Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:	278	Resp:	936027
Ion Ratio	Lower	Upper	
278	100		
139	18.0	12.8	19.2
279	23.4	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 66.37 ng
 RT: 20.28 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	19.2	28.8
138	20.1	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:45 PM

