

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083703.D
 Acq On : 11 Dec 2015 17:38
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:30 PM

Quant Time: Dec 11 18:26:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139546	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	550921	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	244018	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	473028	20.00	ng	0.00
75) Chrysene-d12	14.08	240	316786	20.00	ng	0.00
86) Perylene-d12	15.52	264	272977	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1042990	113.36	ng	0.00
7) Phenol-d6	6.56	99	1228928	99.97	ng	0.01
23) Nitrobenzene-d5	7.49	82	1038508	87.96	ng	0.01
41) 2,4,6-Tribromophenol	10.75	330	281779	129.62	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1653910	95.39	ng	0.00
78) Terphenyl-d14	13.03	244	1524000	113.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	254618	56.02	ng	# 86
3) Pyridine	3.30	79	669769	60.65	ng	90
4) n-Nitrosodimethylamine	3.25	42	272046	46.79	ng	# 76
6) Aniline	6.59	93	872320	57.58	ng	# 84
8) 2-Chlorophenol	6.72	128	565915	56.24	ng	# 81
9) Benzaldehyde	6.46	77	300207	45.96	ng	97
10) Phenol	6.57	94	778593	52.29	ng	# 77
11) bis(2-Chloroethyl)ether	6.66	93	480054	43.82	ng	97
12) 1,3-Dichlorobenzene	6.86	146	608655m	54.28	ng	
13) 1,4-Dichlorobenzene	6.94	146	598490	52.02	ng	99
14) 1,2-Dichlorobenzene	7.10	146	572754	53.64	ng	96
15) Benzyl Alcohol	7.07	79	483769	55.31	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	693416	34.23	ng	68
17) 2-Methylphenol	7.17	107	458296	55.98	ng	# 87
18) Hexachloroethane	7.45	117	214600	52.82	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	342957	39.97	ng	94
20) 3+4-Methylphenols	7.33	107	505507	46.89	ng	# 72
22) Acetophenone	7.34	105	733537	47.47	ng	# 86
24) Nitrobenzene	7.50	77	549785	42.13	ng	96
25) Isophorone	7.76	82	1046899	45.69	ng	# 92
26) 2-Nitrophenol	7.82	139	239449	46.21	ng	88
27) 2,4-Dimethylphenol	7.86	122	499337	55.09	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	579706	45.56	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	424207	51.46	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	473634	52.02	ng	97
31) Naphthalene	8.24	128	1456139m	49.90	ng	
32) Benzoic acid	7.98	122	335039	65.63	ng	93
33) 4-Chloroaniline	8.28	127	674416	63.39	ng	# 85
34) Hexachlorobutadiene	8.36	225	266083	50.02	ng	98
35) Caprolactam	8.65	113	143434	57.97	ng	# 82
36) 4-Chloro-3-methylphenol	8.76	107	514143	55.52	ng	# 78
37) 2-Methylnaphthalene	8.92	142	881915	48.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	426592	53.25	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	221777	204.26	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	304292	63.84	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	298423	63.24	nq #	89
45) 1,1'-Biphenyl	9.39	154	1150805	54.26	nq	96
46) 2-Chloronaphthalene	9.41	162	871909	54.45	nq	94
47) 2-Nitroaniline	9.50	65	282199	48.86	nq #	54
48) Acenaphthylene	9.82	152	1394038	52.80	nq	98
49) Dimethylphthalate	9.69	163	960444	49.45	nq	100
50) 2,6-Dinitrotoluene	9.74	165	230220	57.41	nq	87
51) Acenaphthene	10.00	154	845938	55.96	nq	99
52) 3-Nitroaniline	9.92	138	292785	68.69	nq #	63
53) 2,4-Dinitrophenol	10.01	184	67830	39.68	nq #	1
54) Dibenzofuran	10.17	168	1085268	51.77	nq #	90
55) 4-Nitrophenol	10.06	139	244560	130.32	nq #	70
56) 2,4-Dinitrotoluene	10.14	165	290490	54.62	nq #	81
57) Fluorene	10.51	166	811832	44.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	216912	62.08	nq #	100
59) Diethylphthalate	10.38	149	1004474	53.19	nq	99
60) 4-Chlorophenyl-phenylether	10.51	204	450020	51.67	nq #	86
61) 4-Nitroaniline	10.52	138	221213	57.13	nq	91
62) Azobenzene	10.66	77	986961	47.48	nq	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	150585	53.02	nq #	53
65) n-Nitrosodiphenylamine	10.62	169	889529	56.98	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	268458	50.88	nq #	83
67) Hexachlorobenzene	11.06	284	294919	52.69	nq	95
68) Atrazine	11.15	200	276413	59.51	nq	96
69) Pentachlorophenol	11.25	266	198065	161.61	nq	96
70) Phenanthrene	11.47	178	1351152	49.72	nq	97
71) Anthracene	11.53	178	1440156	51.15	nq	100
72) Carbazole	11.67	167	1313472	54.40	nq #	95
73) Di-n-butylphthalate	12.01	149	1386425	45.66	nq	99
74) Fluoranthene	12.66	202	1492678	53.69	nq	95
76) Benzidine	12.77	184	710703	72.13	nq	99
77) Pyrene	12.88	202	1453276	63.72	nq	98
79) Butylbenzylphthalate	13.51	149	540111	53.35	nq #	84
80) Benzo(a)anthracene	14.07	228	1020158	55.02	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	350835	56.01	nq #	96
82) Chrysene	14.10	228	946699	50.93	nq	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	514555	36.62	nq	98
84) Di-n-octyl phthalate	14.67	149	855170	39.83	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1177291	93.84	nq #	100
87) Benzo(b)fluoranthene	15.09	252	1048745	67.47	nq #	97
88) Benzo(k)fluoranthene	15.13	252	706670m	41.26	nq	
89) Benzo(a)pyrene	15.46	252	892857	58.86	nq #	96
90) Dibenzo(a,h)anthracene	16.97	278	969698	83.61	nq #	94
91) Benzo(g,h,i)perylene	17.38	276	1007987	89.14	nq	96

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

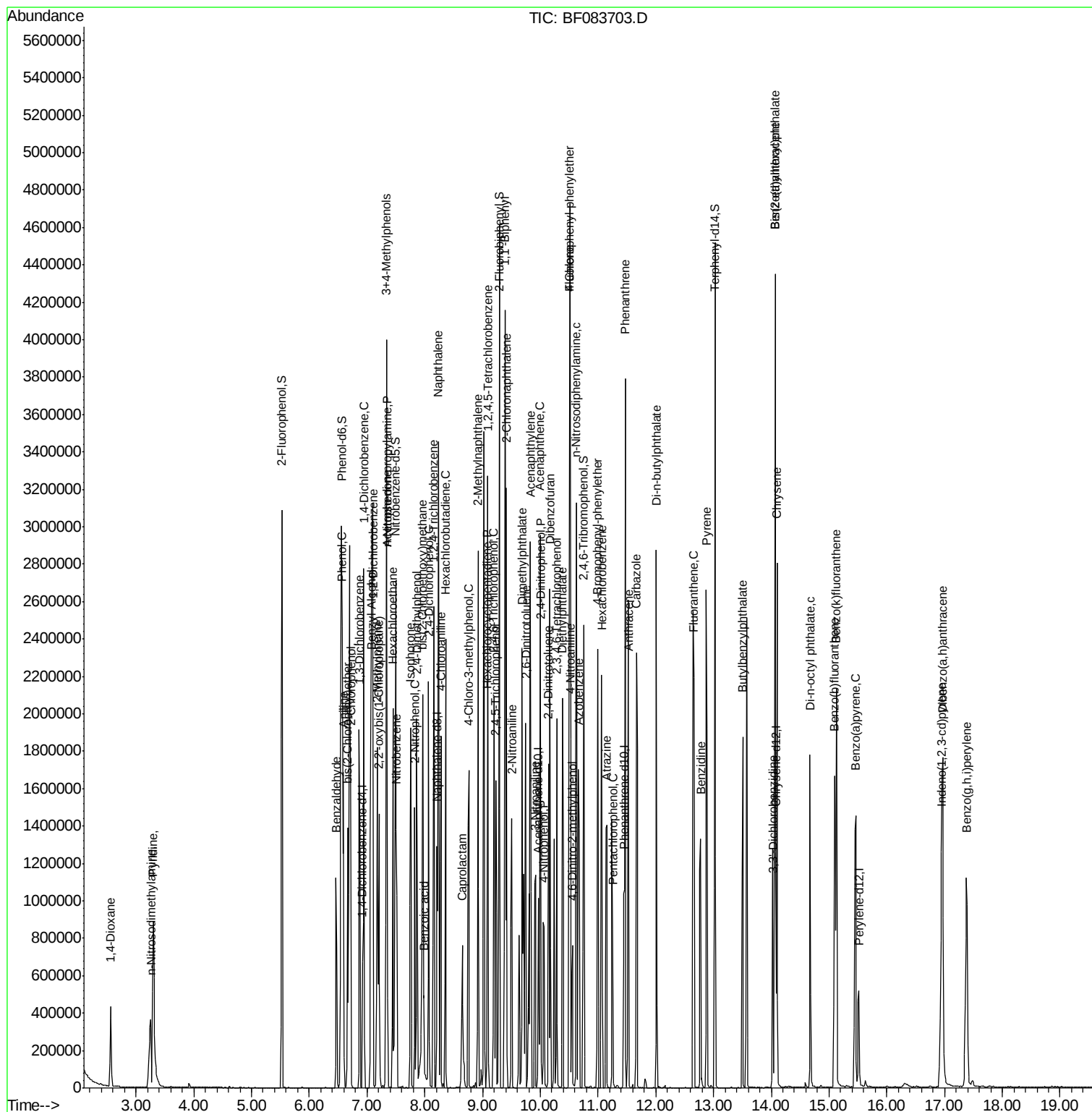
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Operator  : UM/IZ  
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ALS Vial  : 8      Sample Multiplier: 1
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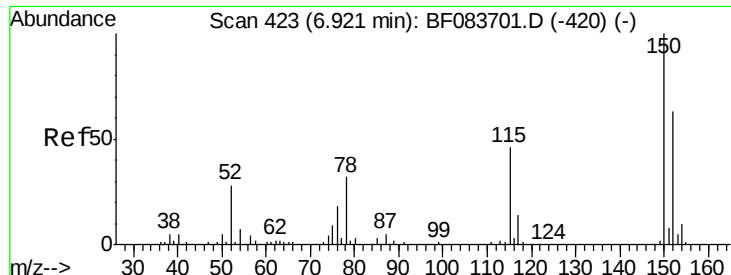
Instrument :
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ClientSampleId :
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#1

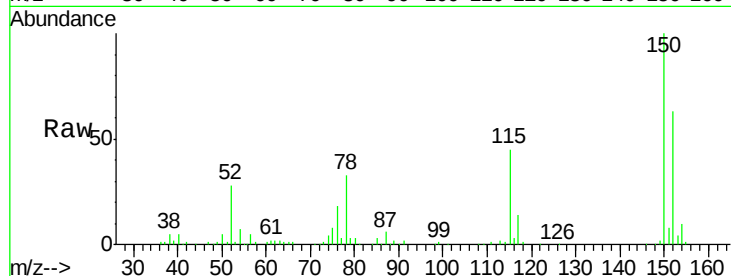
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

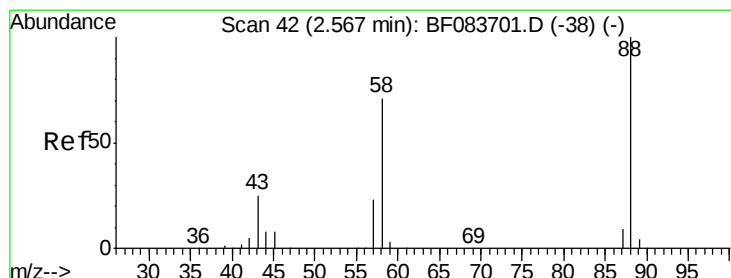
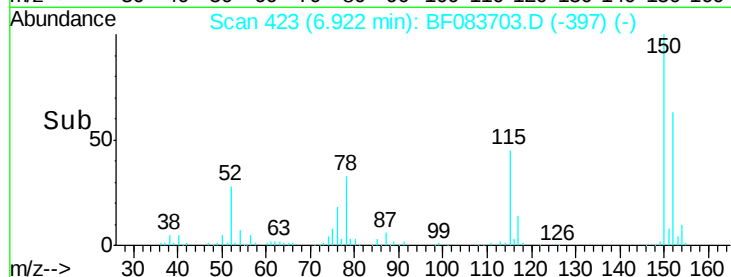
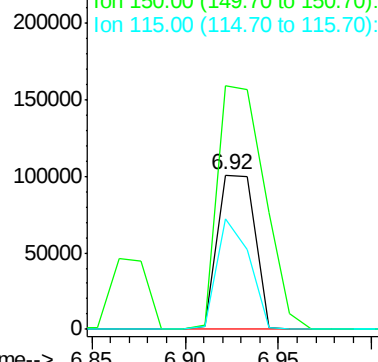
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.5	189.7
115	71.3	52.3	78.5

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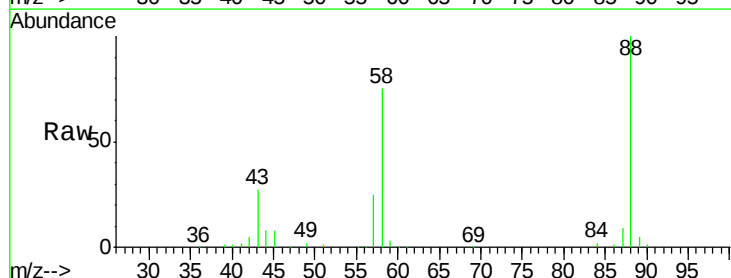
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



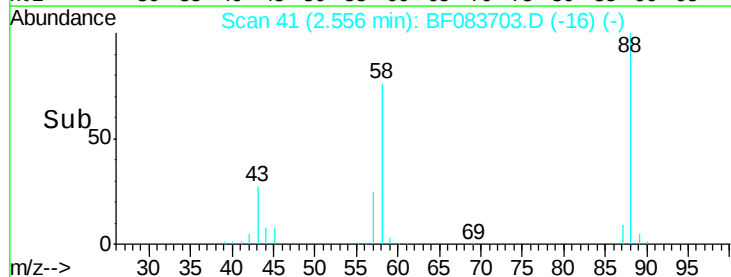
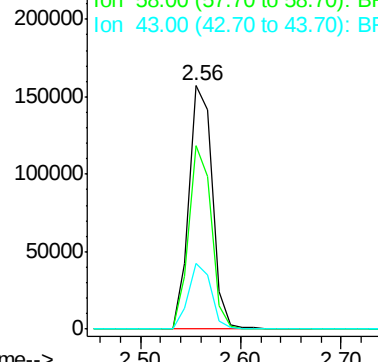
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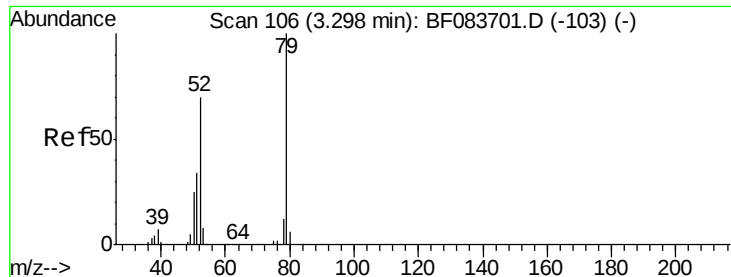
1,4-Dioxane
Concen: 56.02 ng
RT: 2.56 min Scan# 41
Delta R.T. -0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	68.0	102.0
43	26.2	27.9	41.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 60.65 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

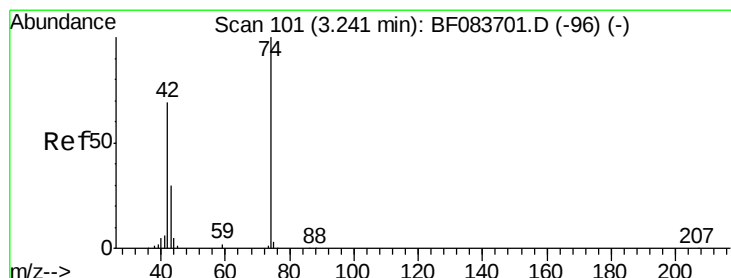
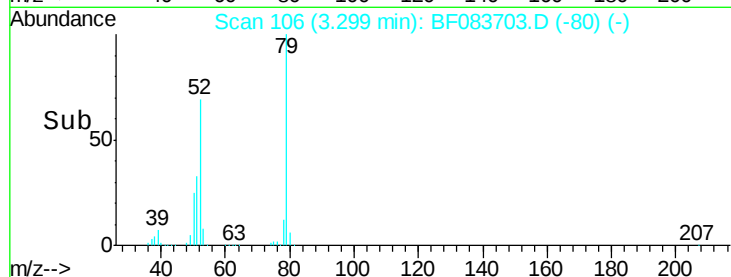
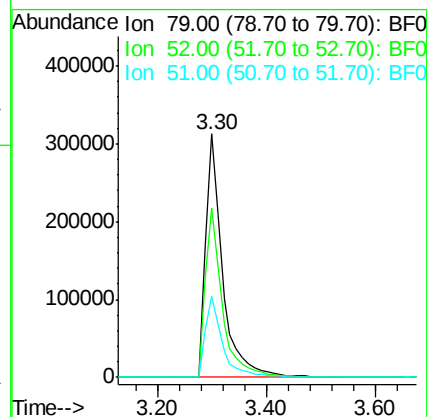
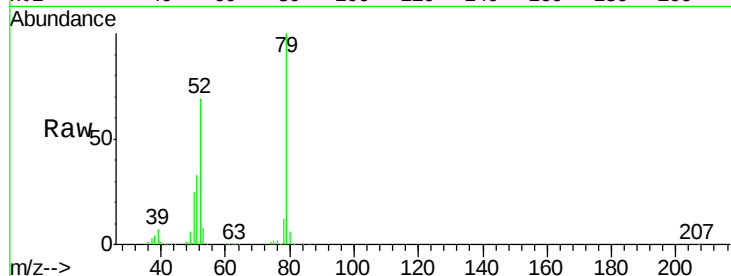
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	669769
Ion Ratio	Lower	Upper	
79	100		
52	69.4	63.7	95.5
51	33.3	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 46.79 ng

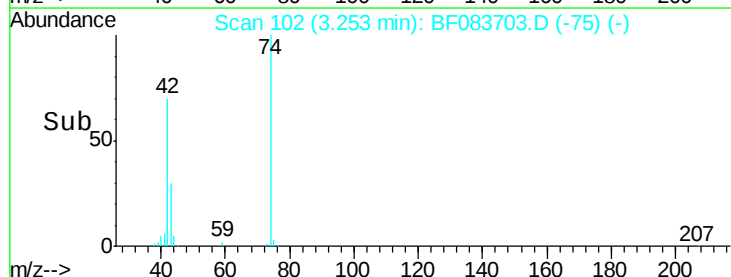
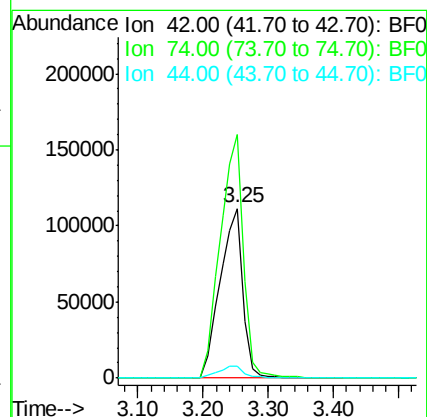
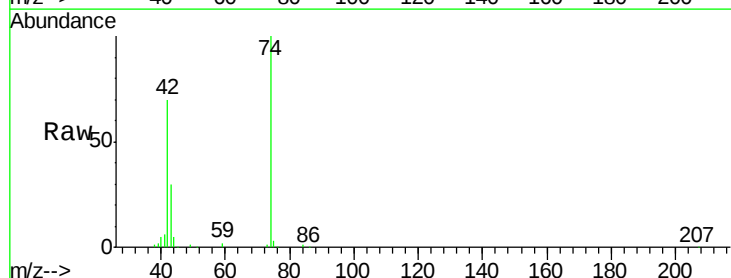
RT: 3.25 min Scan# 102

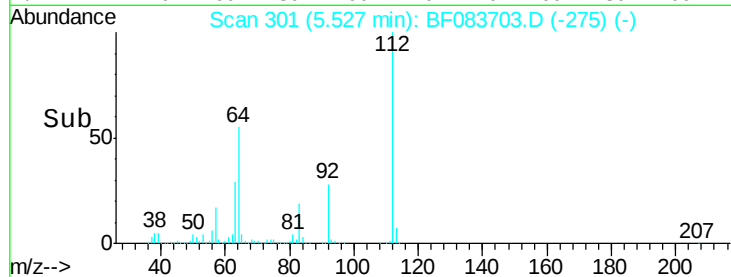
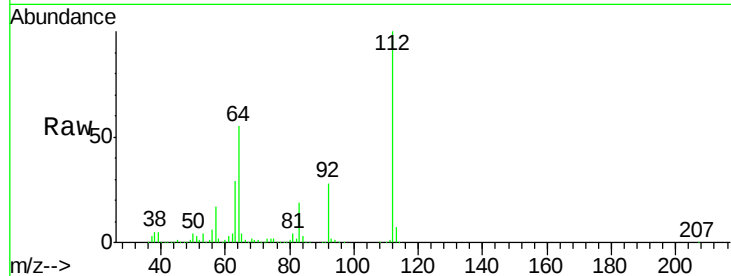
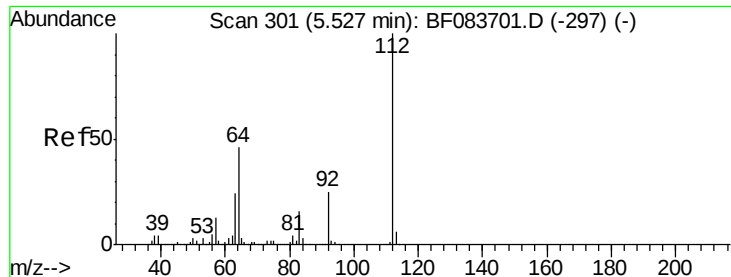
Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	42	Resp:	272046
Ion Ratio	Lower	Upper	
42	100		
74	143.4	92.9	139.3#
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 113.36 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:112 Resp: 1042990

Ion Ratio Lower Upper

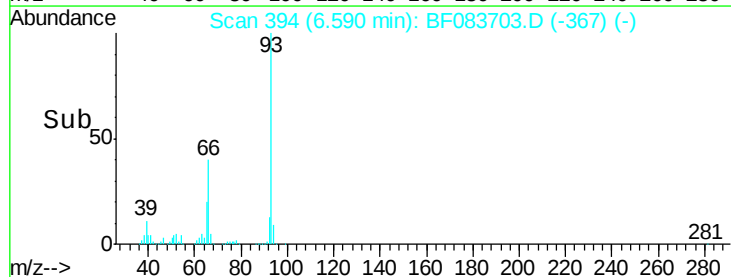
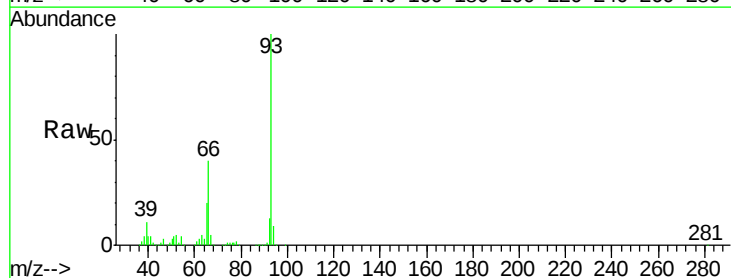
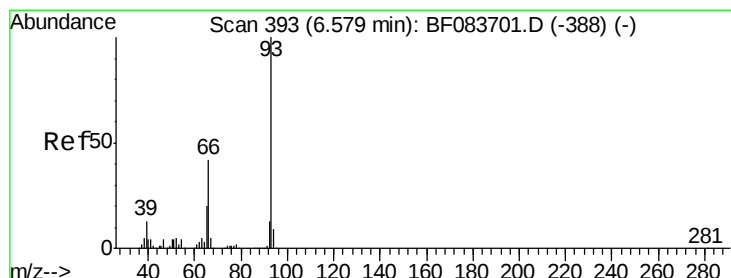
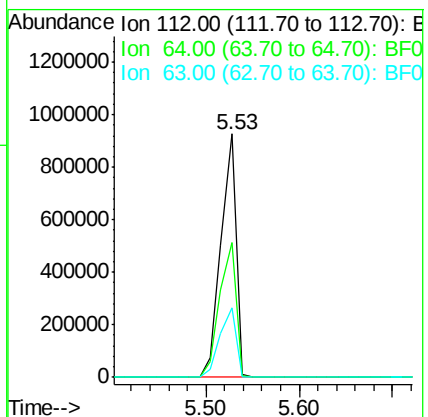
112 100

64 55.5 50.5 75.7

63 28.7 25.8 38.6

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#6

Aniline

Concen: 57.58 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

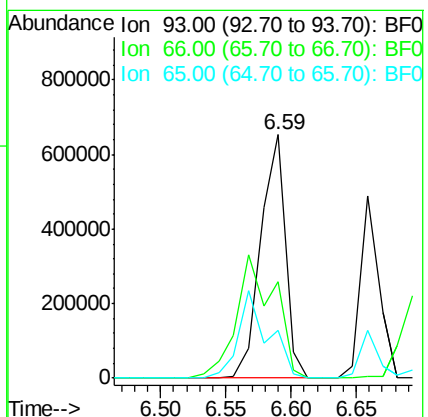
Tgt Ion: 93 Resp: 872320

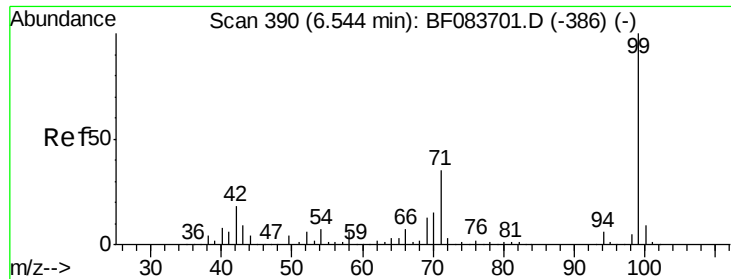
Ion Ratio Lower Upper

93 100

66 39.5 41.3 61.9#

65 19.5 20.8 31.2#





#7

Phenol-d6

Concen: 99.97 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083703.D

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Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1228928

Ion Ratio Lower Upper

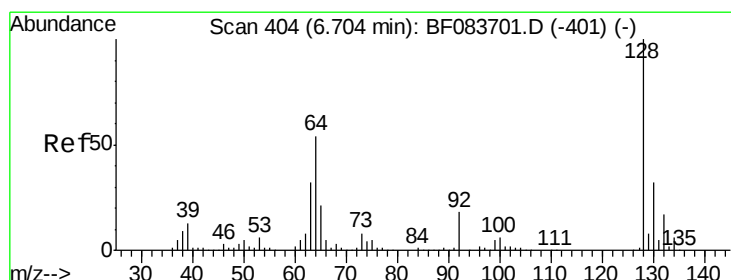
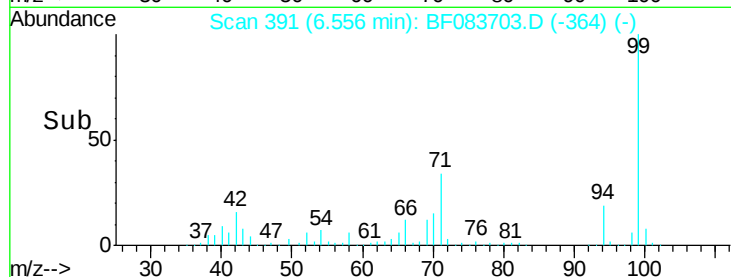
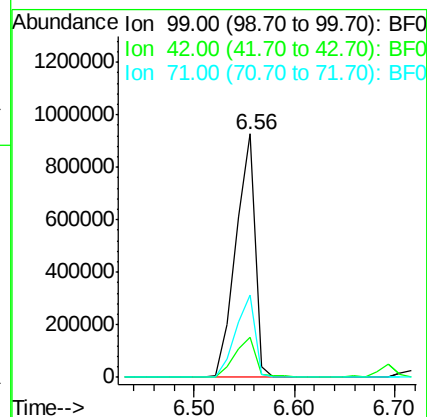
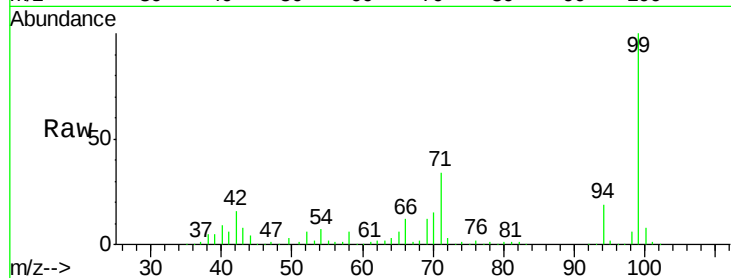
99 100

42 16.5 17.3 25.9#

71 33.6 26.6 40.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 56.24 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

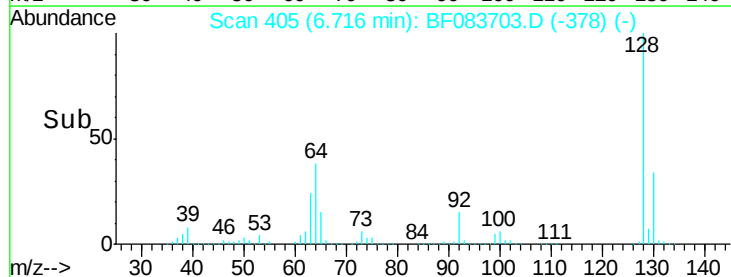
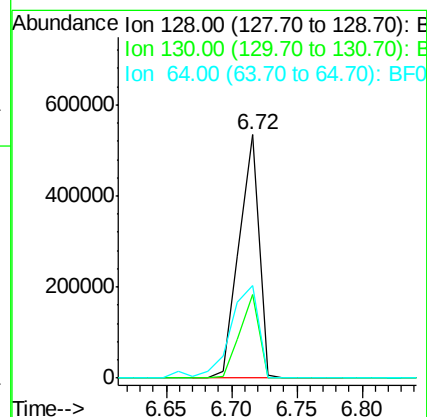
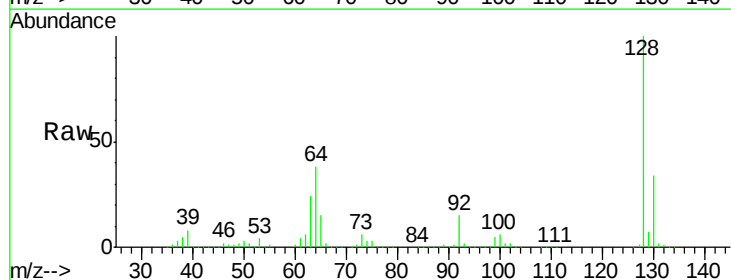
Tgt Ion:128 Resp: 565915

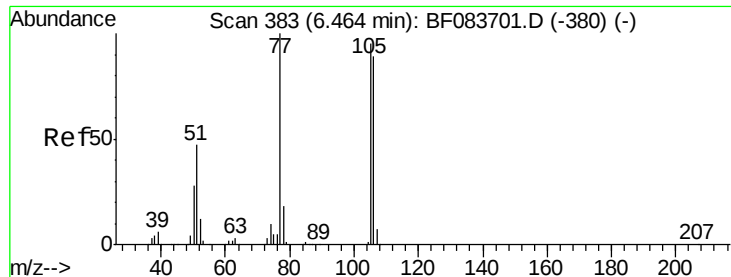
Ion Ratio Lower Upper

128 100

130 34.1 12.6 52.6

64 37.9 38.6 78.6#





#9

Benzaldehyde

Concen: 45.96 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

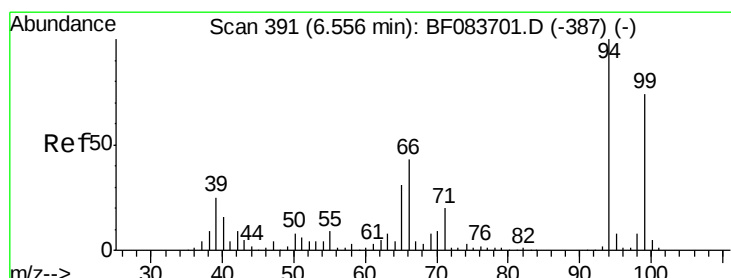
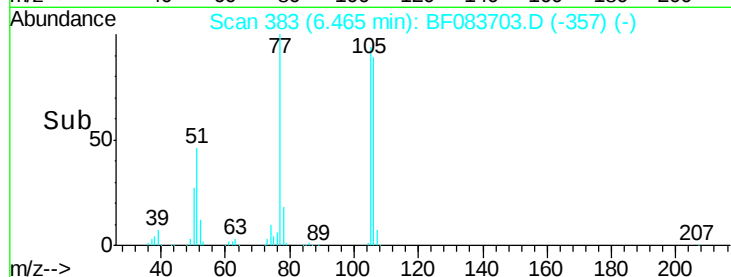
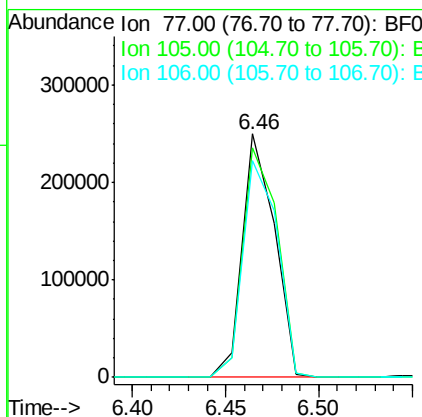
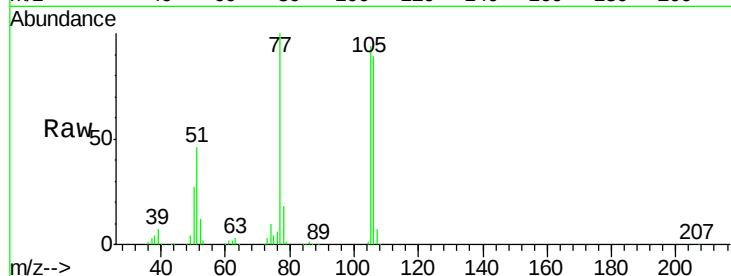
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	300207
Ion Ratio	Lower	Upper	
77	100		
105	94.5	71.8	111.8
106	89.0	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 52.29 ng

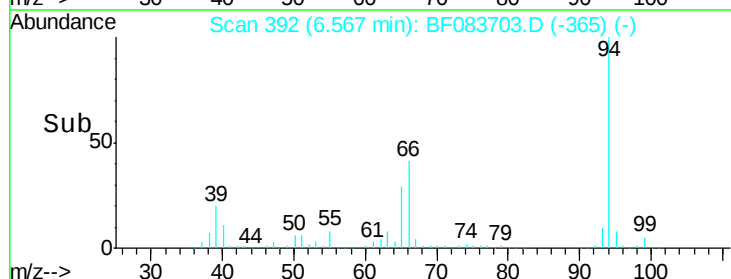
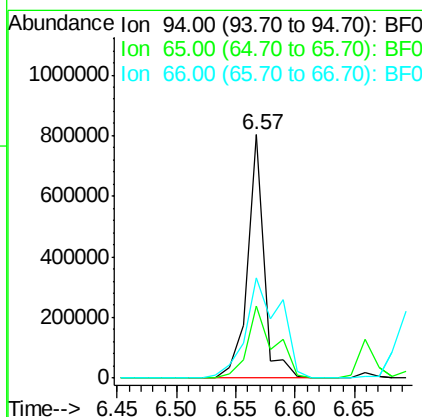
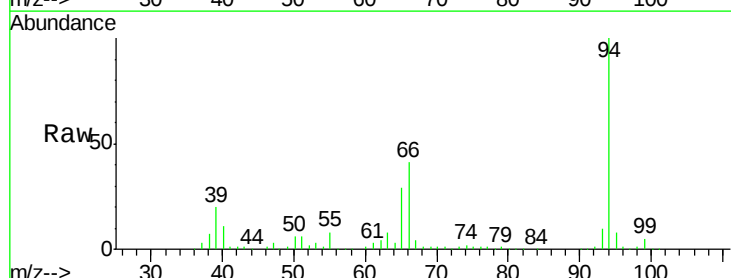
RT: 6.57 min Scan# 392

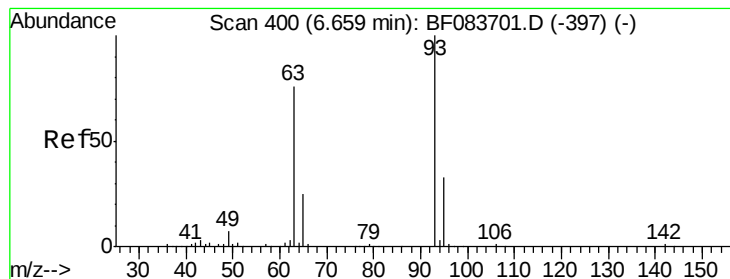
Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	94	Resp:	778593
Ion Ratio	Lower	Upper	
94	100		
65	29.4	20.9	60.9
66	41.0	41.6	81.6#





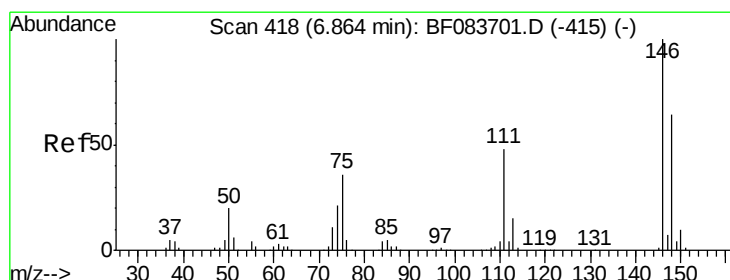
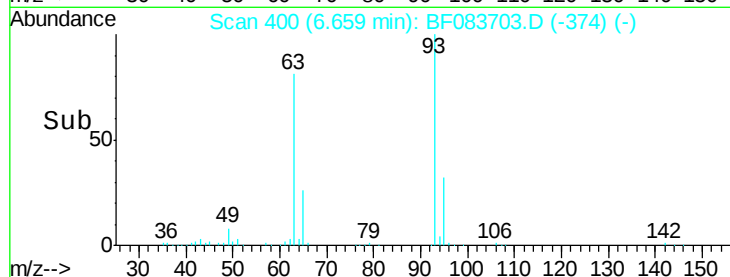
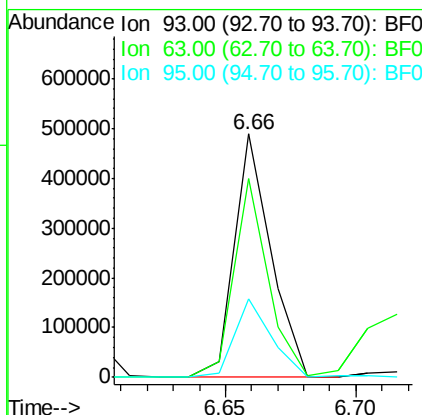
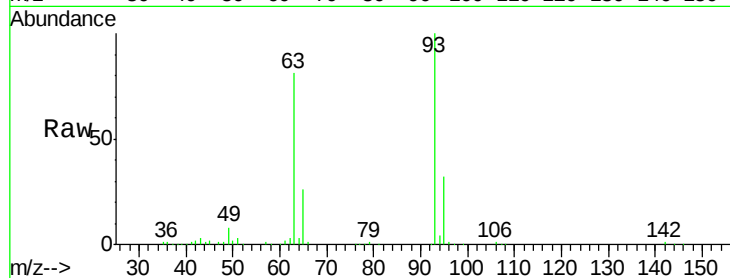
#11
 bis(2-Chloroethyl)ether
 Concen: 43.82 ng
 RT: 6.66 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	64.7	104.7
95	32.3	12.7	52.7

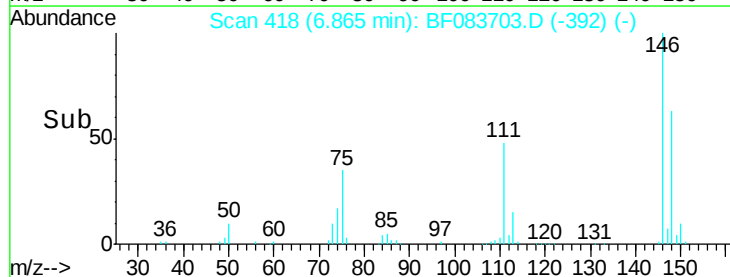
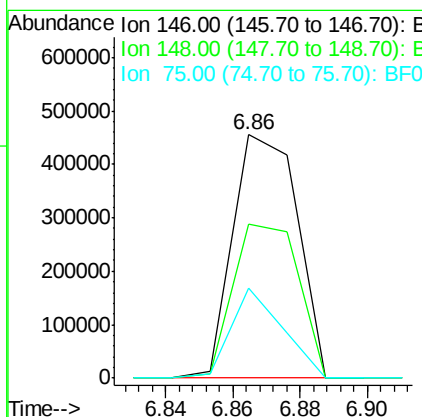
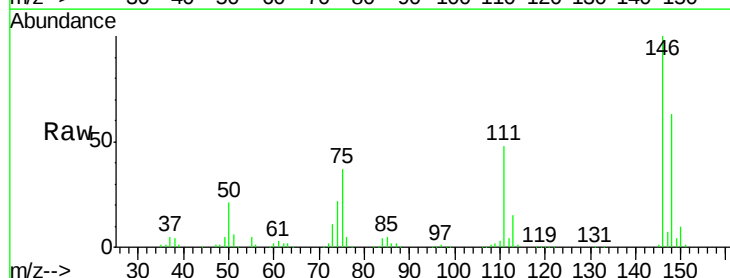
Manual Integrations
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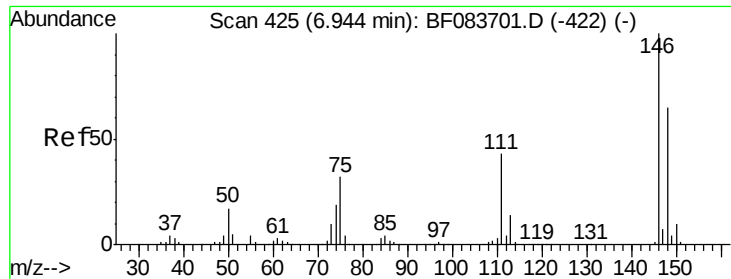
MMdadoda
 12/14/2015 6:22:30 PM



#12
 1,3-Dichlorobenzene
 Concen: 54.28 ng m
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
75	37.0	24.1	36.1





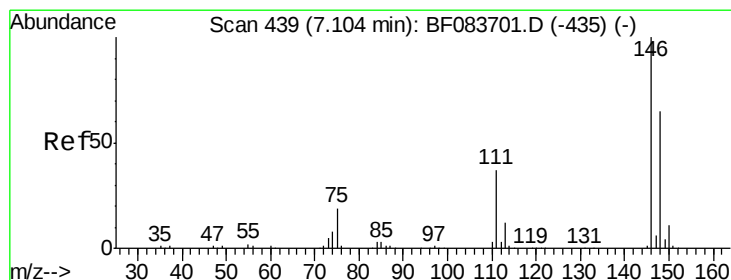
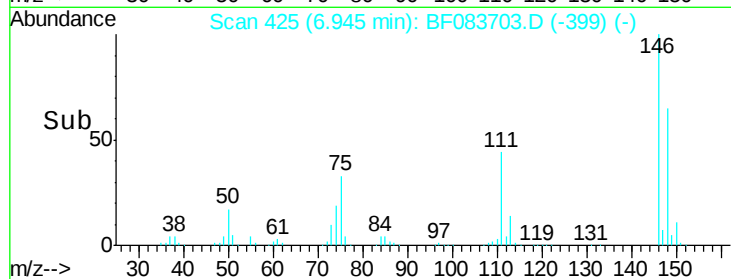
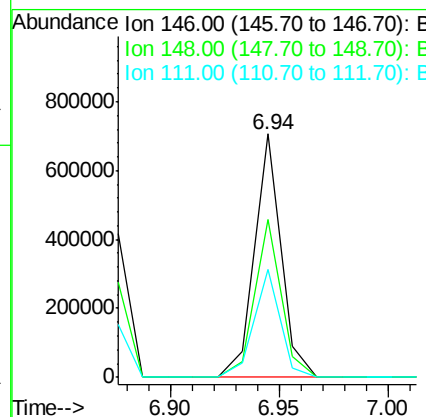
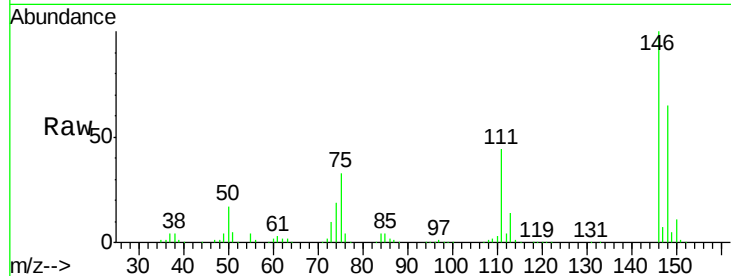
#13
 1,4-Dichlorobenzene
 Concen: 52.02 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	44.4	36.1	54.1

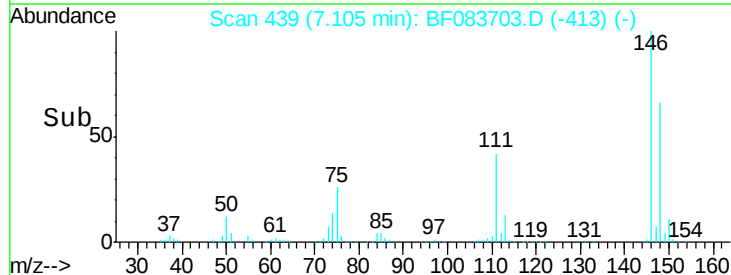
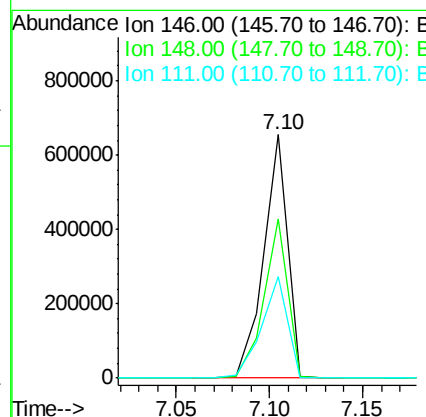
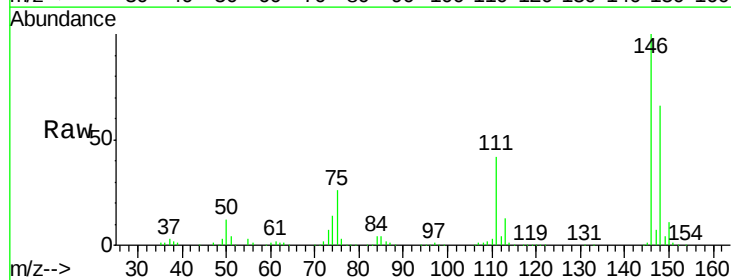
Manual Integrations
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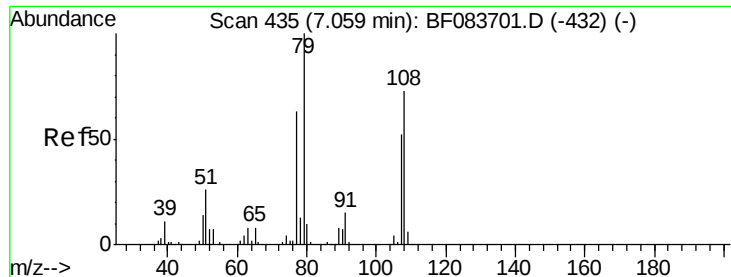
MMdadoda
 12/14/2015 6:22:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 53.64 ng
 RT: 7.10 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
111	41.7	36.7	55.1





#15

Benzyl Alcohol

Concen: 55.31 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

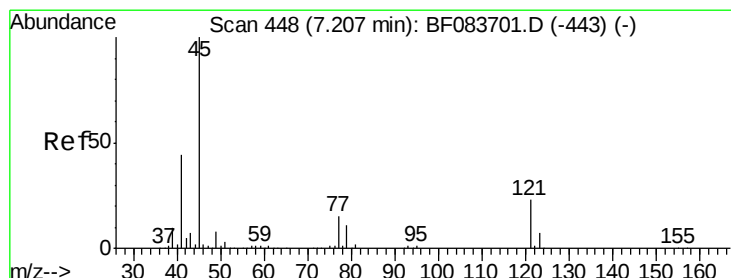
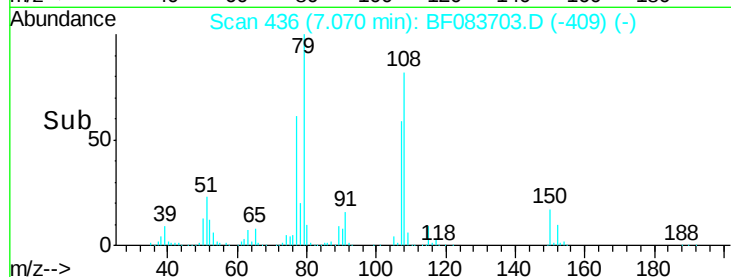
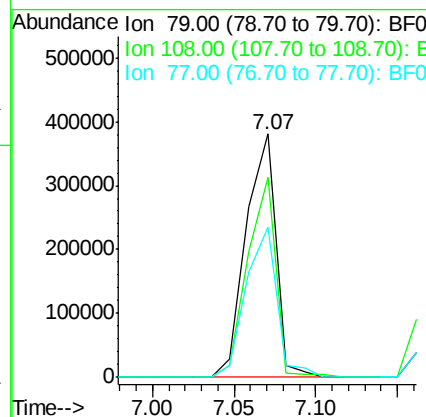
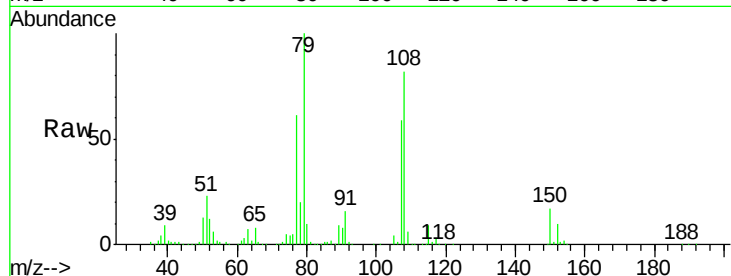
ClientSampleId :

SSTDIC060

Tot Ion:	79	Resp:	483769
Ion Ratio	Lower	Upper	
79	100		
108	82.4	59.6	89.4
77	61.5	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.23 ng

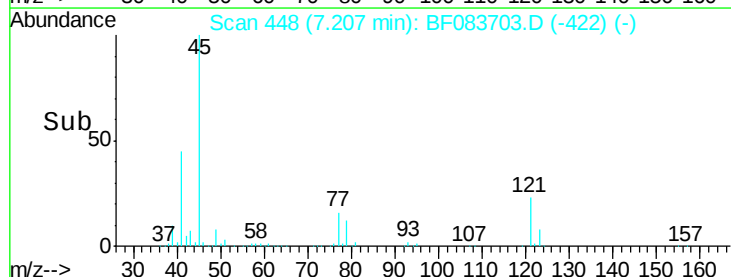
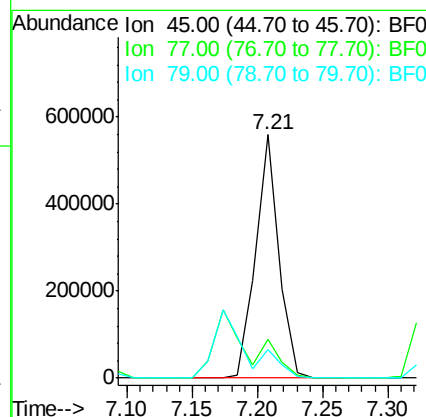
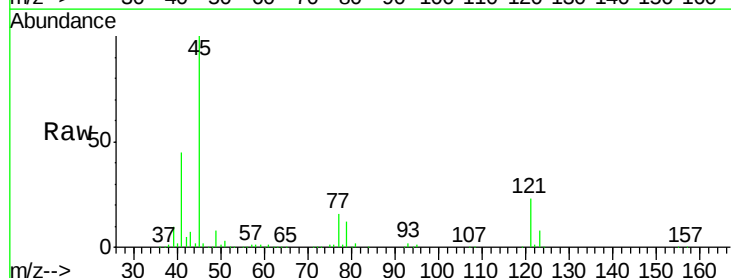
RT: 7.21 min Scan# 448

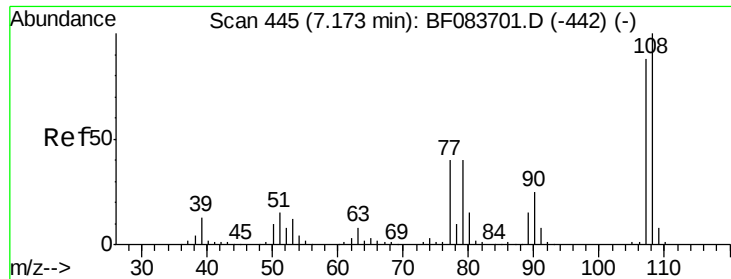
Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	45	Resp:	693416
Ion Ratio	Lower	Upper	
45	100		
77	15.9	12.8	52.8
79	11.7	10.7	50.7





#17

2-Methylphenol

Concen: 55.98 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083703.D

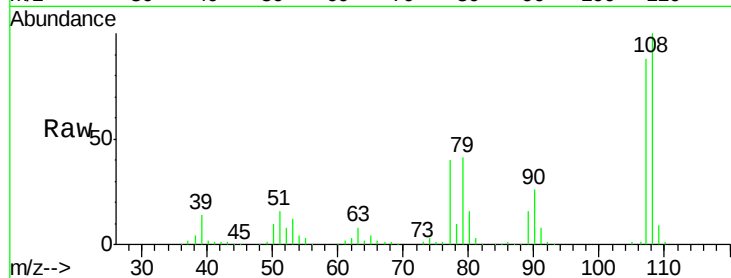
Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tot Ion:107 Resp: 458296

Ion Ratio Lower Upper

107 100

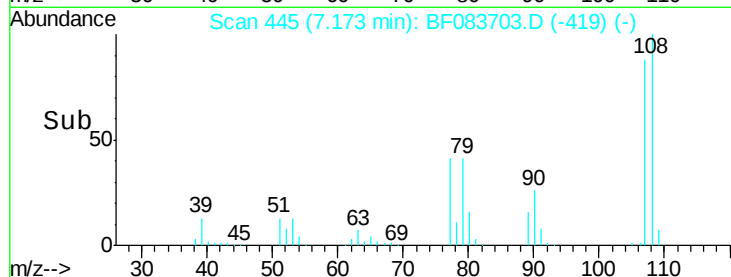
108 114.0 91.6 137.4

77 46.0 53.7 80.5#

79 46.5 50.2 75.4#

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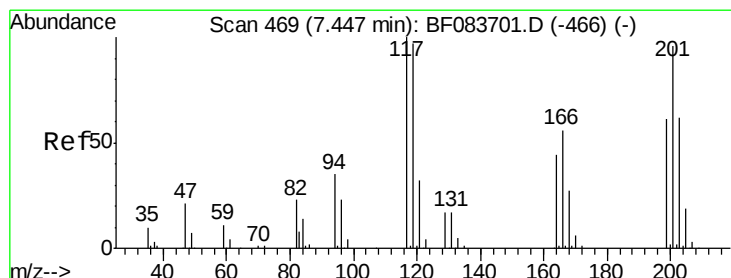
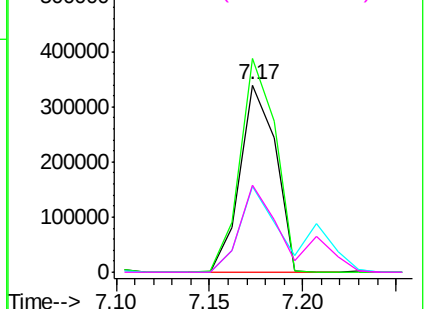


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 52.82 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

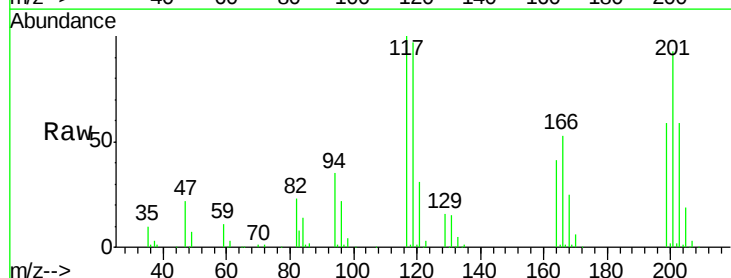
Tgt Ion:117 Resp: 214600

Ion Ratio Lower Upper

117 100

119 97.0 77.2 115.8

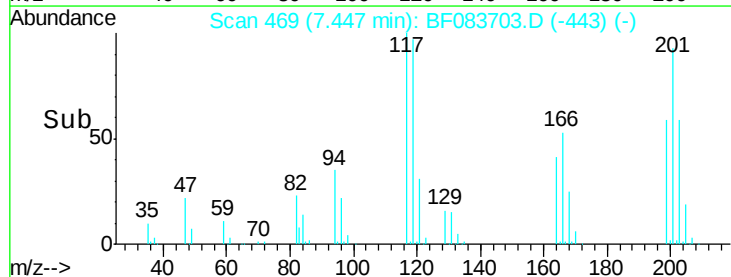
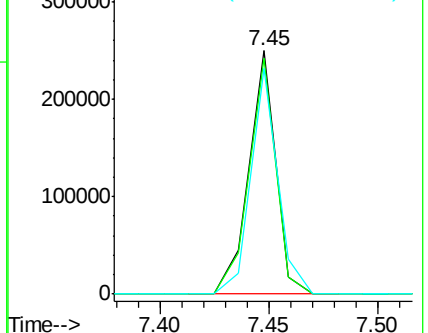
201 92.5 86.8 130.2

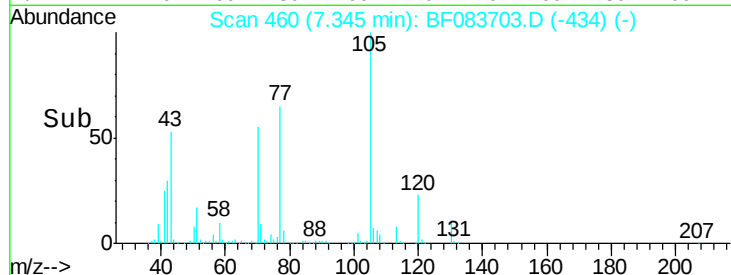
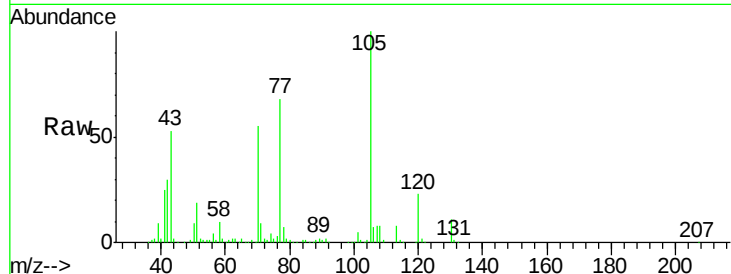
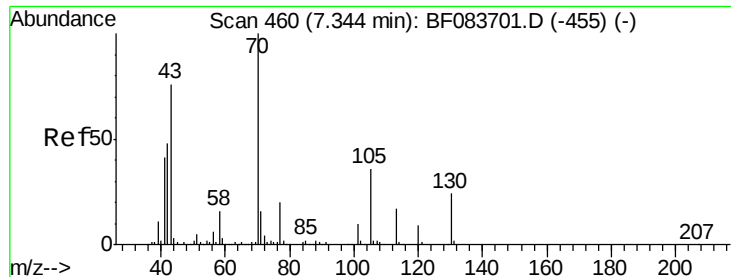


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





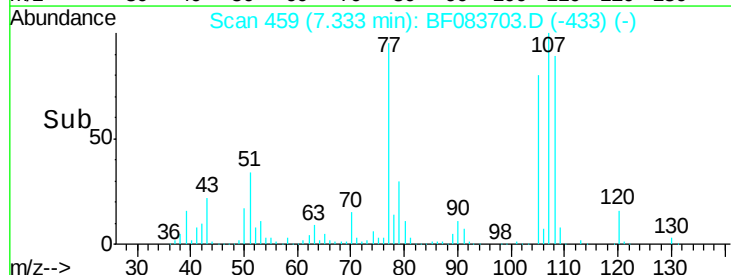
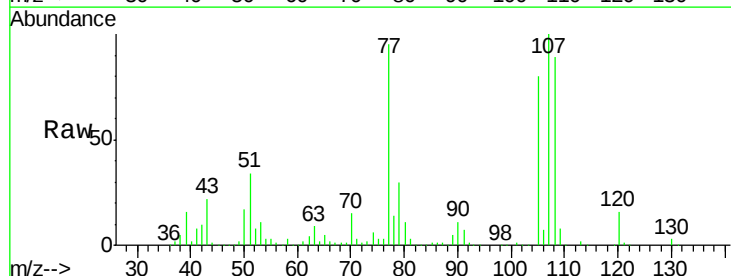
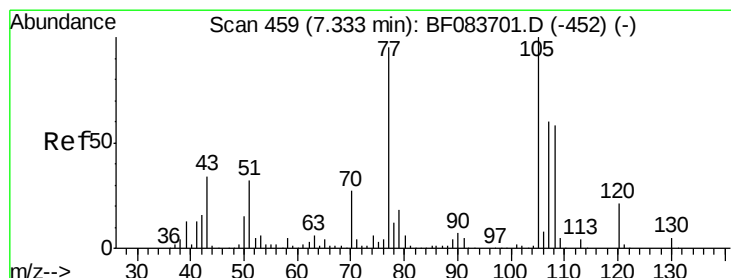
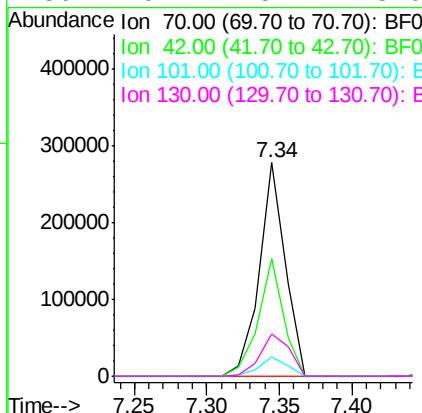
#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.3	49.2	73.8	
101	8.8	7.1	10.7	
130	19.7	15.4	23.0	

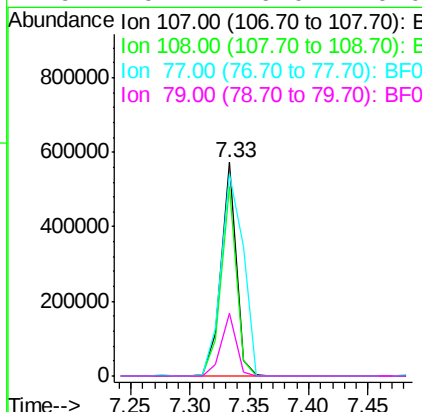
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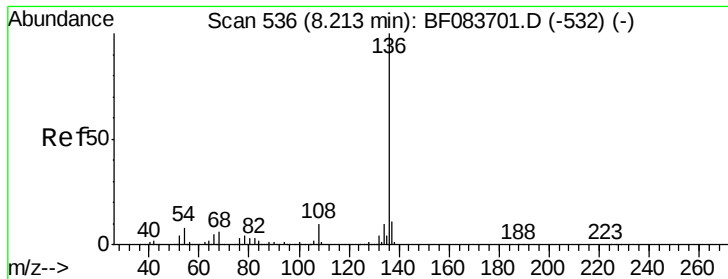
MMdadoda
12/14/2015 6:22:30 PM



#20
3+4-Methylphenols
Concen: 46.89 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	65.2	105.2	
77	94.7	15.2	55.2#	
79	29.7	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF083703.D

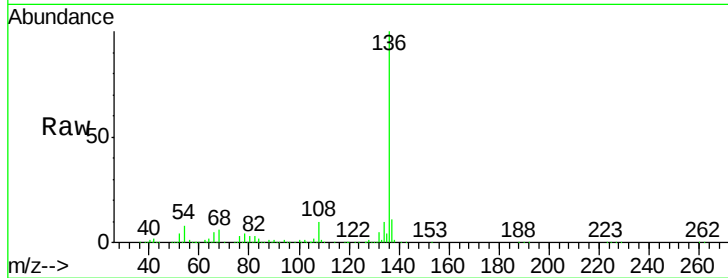
Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tot Ion:136 Resp: 550921

Ion Ratio Lower Upper

136 100

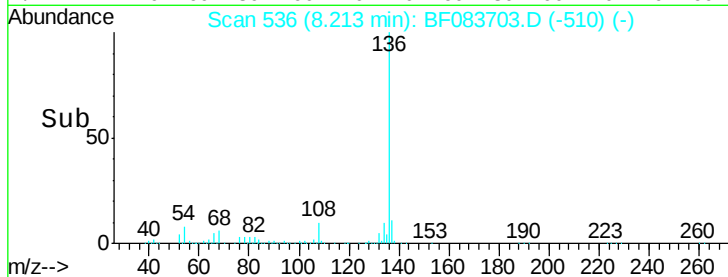
137 11.1 8.7 13.1

54 7.7 7.8 11.6#

68 6.3 5.7 8.5

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12/14/2015 6:22:30 PM

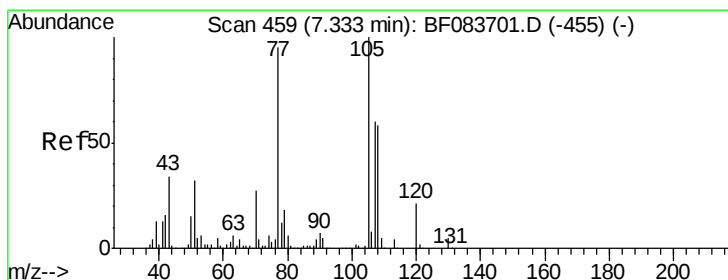
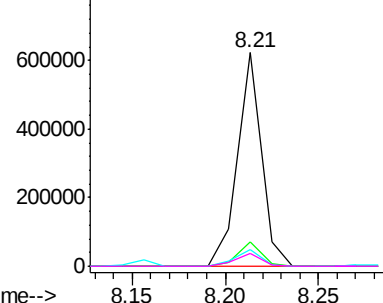


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.47 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:105 Resp: 733537

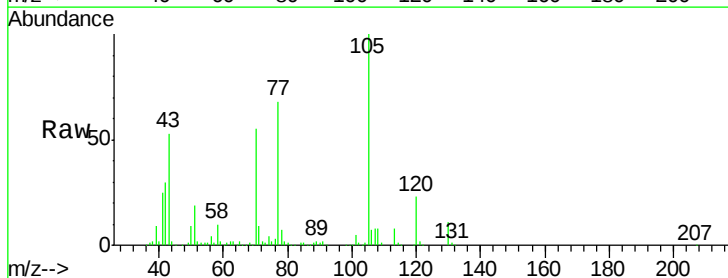
Ion Ratio Lower Upper

105 100

71 9.3 1.3 1.9#

51 19.0 23.8 35.8#

120 23.2 16.7 25.1

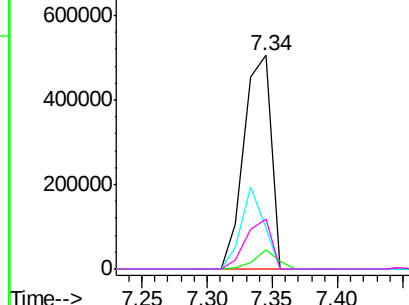
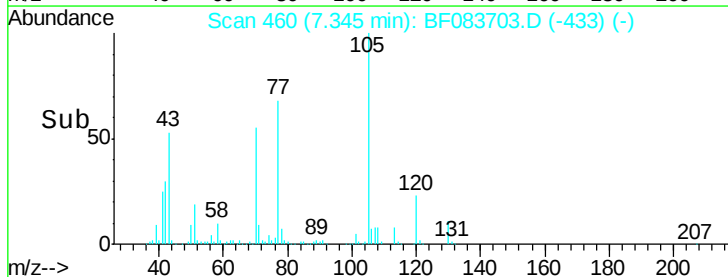


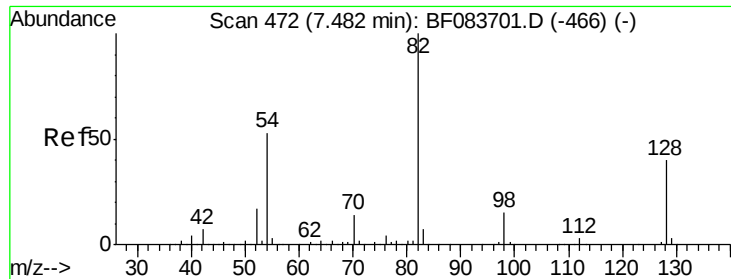
Abundance Ion 105.00 (104.70 to 105.70): E

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





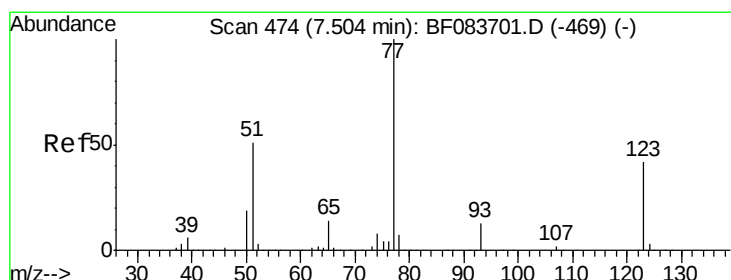
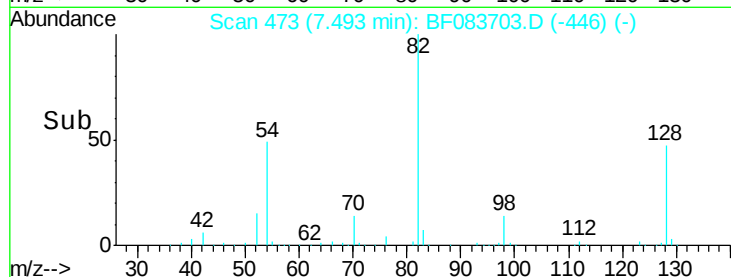
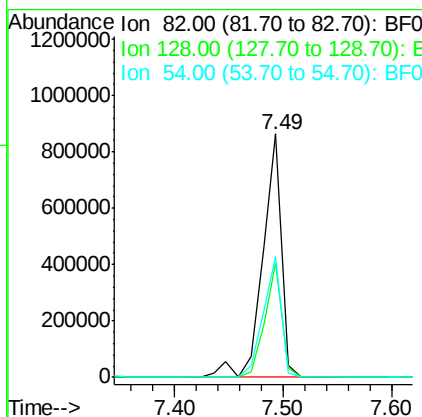
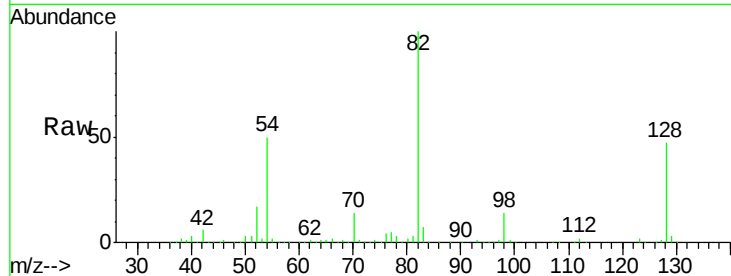
#23
 Nitrobenzene-d5
 Concen: 87.96 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	82	Resp	1038508
Ion Ratio	100	Lower	Upper
82	100		
128	47.1	30.7	46.1#
54	49.7	42.5	63.7

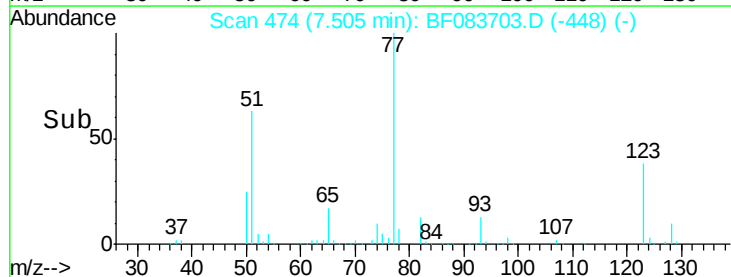
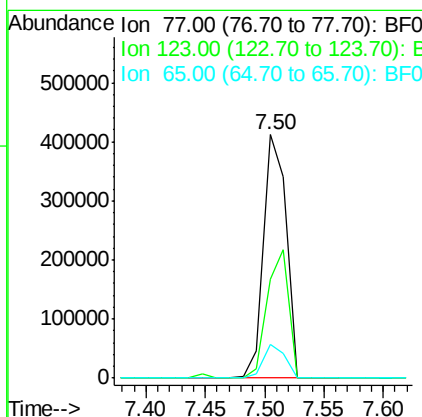
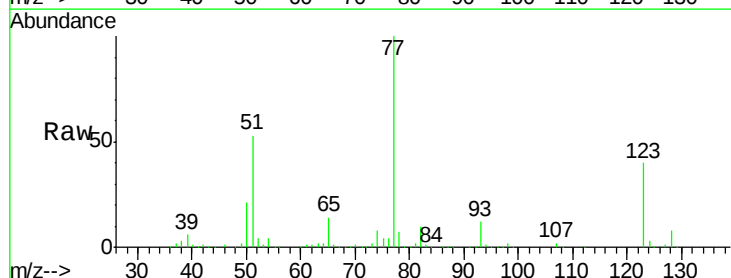
Manual Integrations
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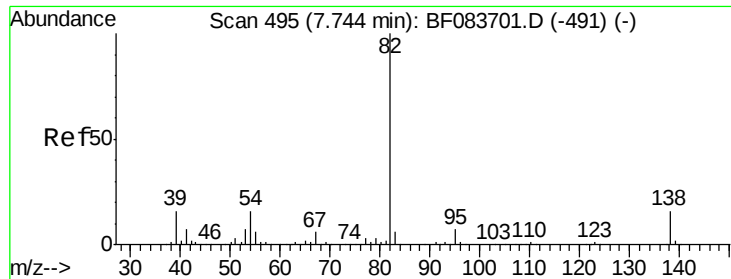
MMdadoda
 12/14/2015 6:22:30 PM



#24
 Nitrobenzene
 Concen: 42.13 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	77	Resp	549785
Ion Ratio	100	Lower	Upper
77	100		
123	40.5	29.8	44.6
65	13.8	11.1	16.7





#25

Isophorone

Concen: 45.69 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1046899

Ion Ratio Lower Upper

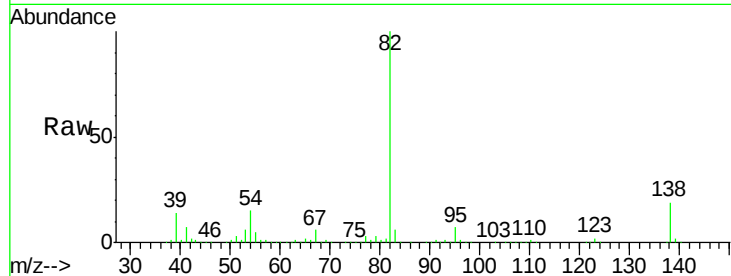
82 100

95 7.4 5.0 7.4

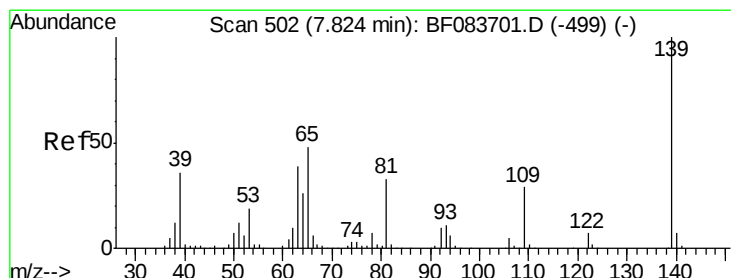
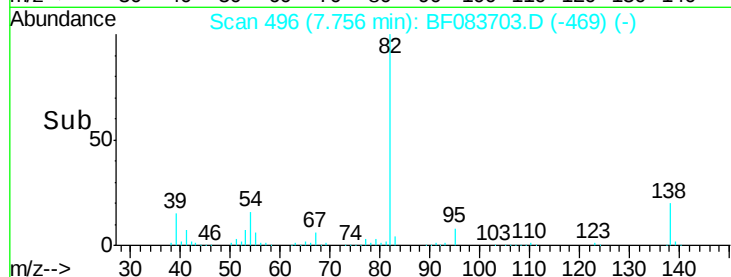
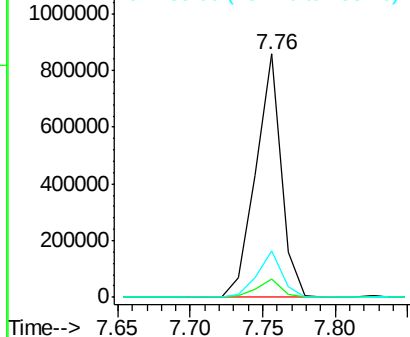
138 19.1 12.1 18.1#

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:22:30 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.21 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

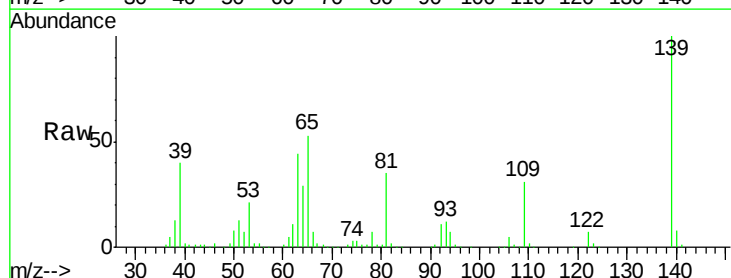
Tgt Ion: 139 Resp: 239449

Ion Ratio Lower Upper

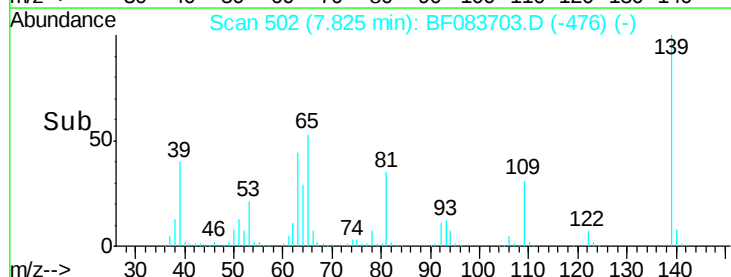
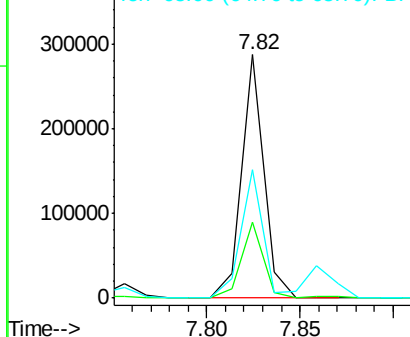
139 100

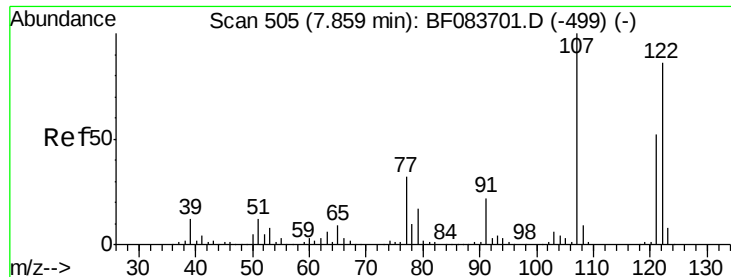
109 31.1 22.7 34.1

65 52.9 51.8 77.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





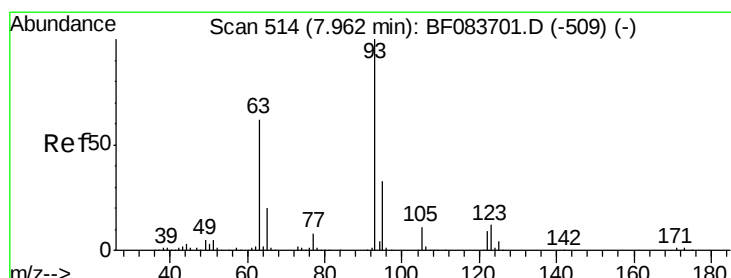
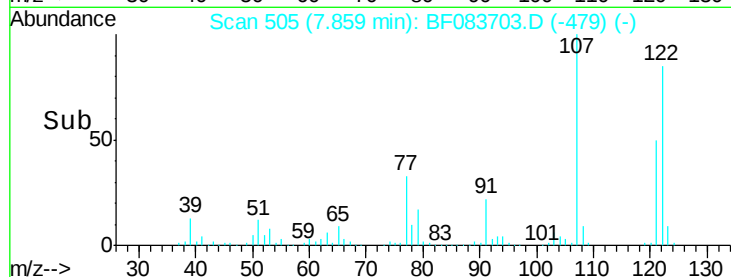
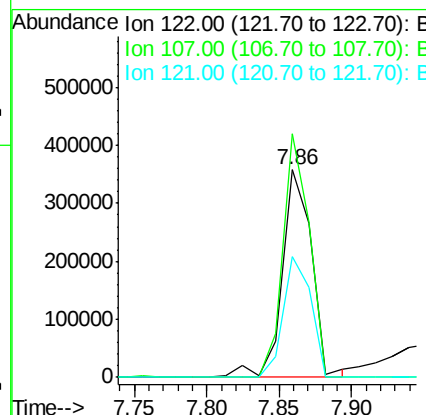
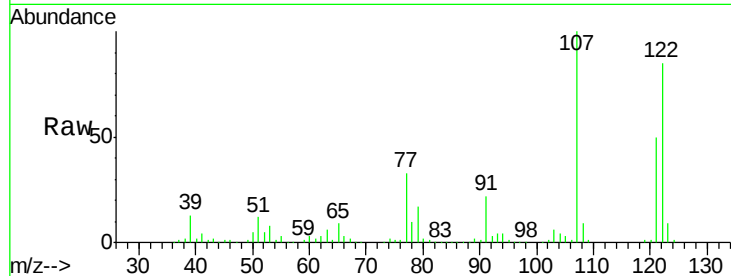
#27
 2,4-Dimethylphenol
 Concen: 55.09 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	499337		
107	117.2	92.4	138.6	
121	58.4	45.8	68.6	

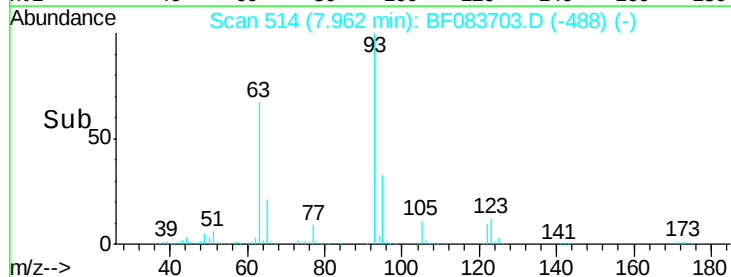
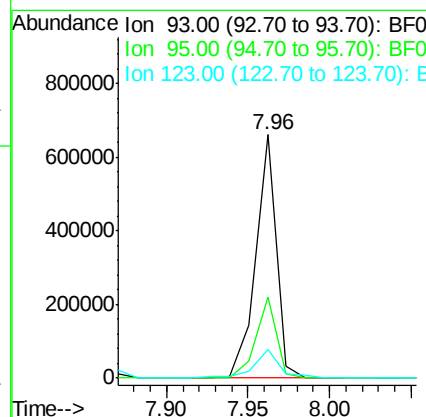
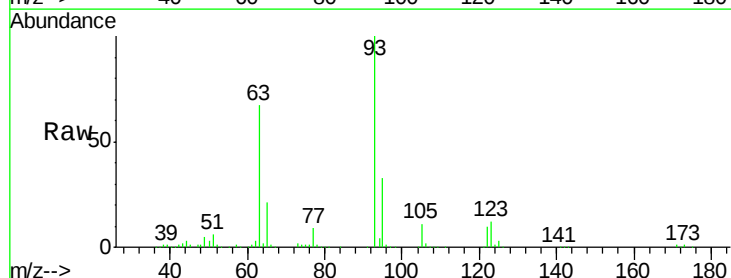
Manual Integrations
 APPROVED

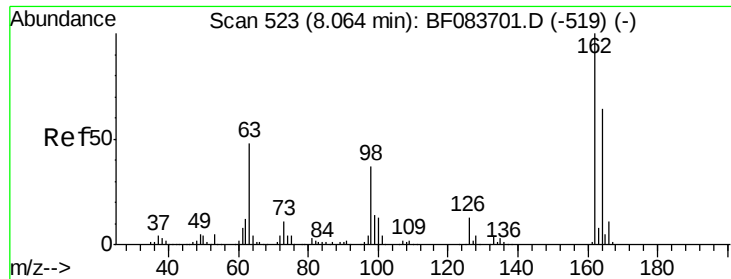
MMdadoda
 12/14/2015 6:22:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.56 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	579706		
95	33.2	25.6	38.4	
123	11.8	7.3	10.9	





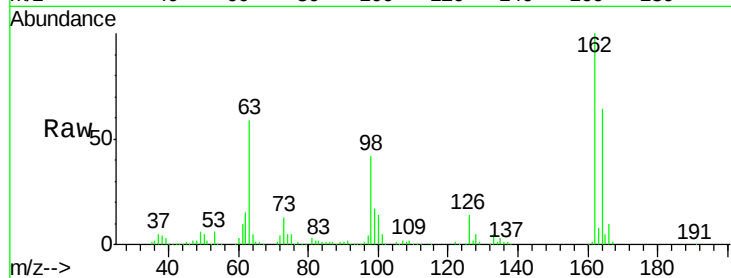
#29
2,4-Dichlorophenol
Concen: 51.46 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

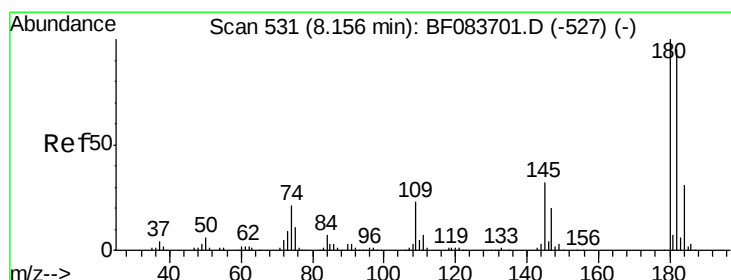
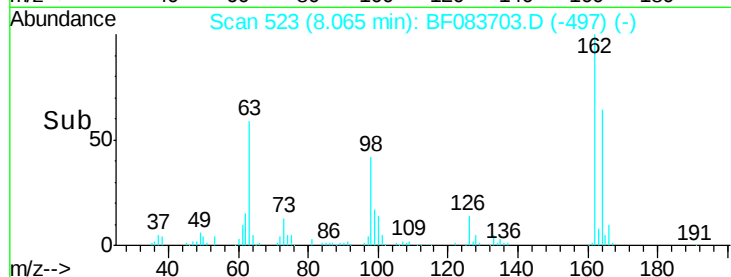
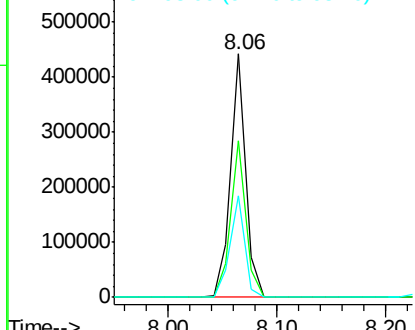
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	43.4	83.4
98	41.8	17.5	57.5

Manual Integrations
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MMdadoda
12/14/2015 6:22:30 PM



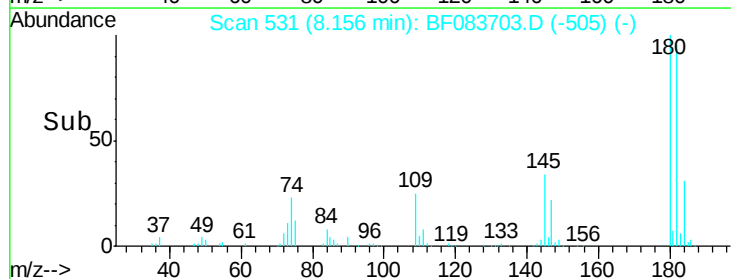
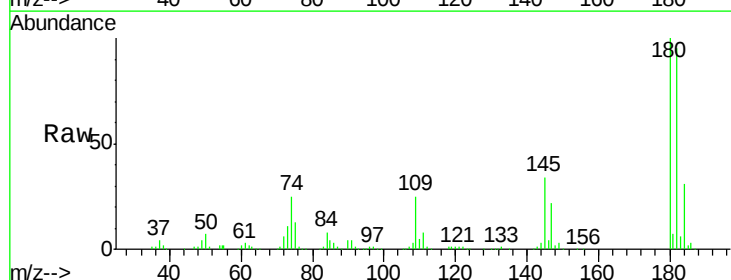
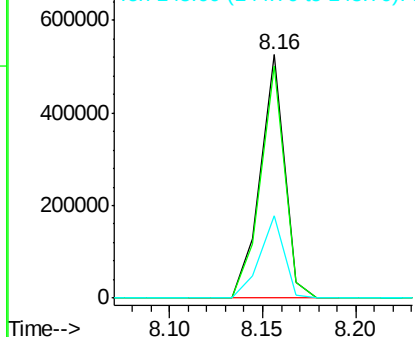
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

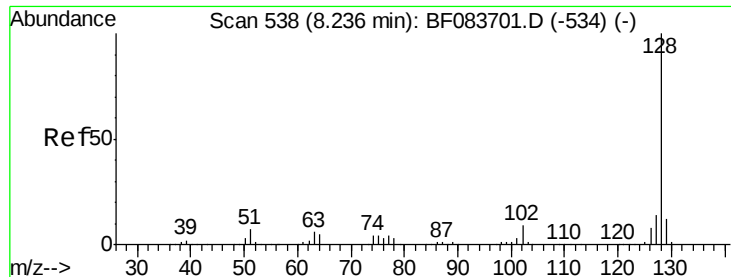


#30
1,2,4-Trichlorobenzene
Concen: 52.02 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	74.9	112.3
145	33.9	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





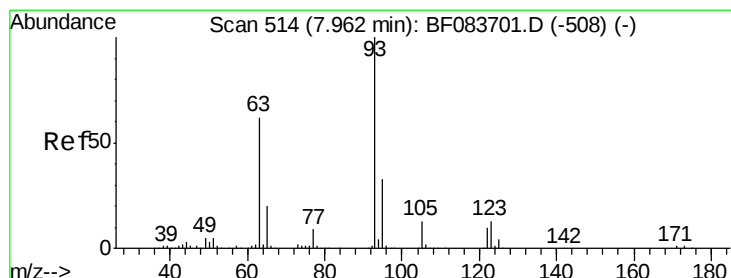
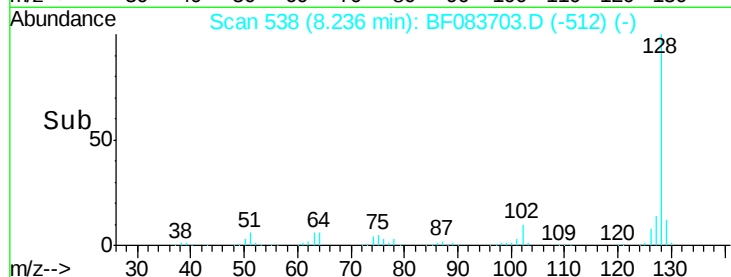
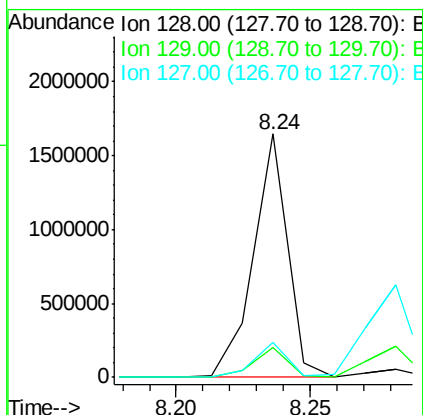
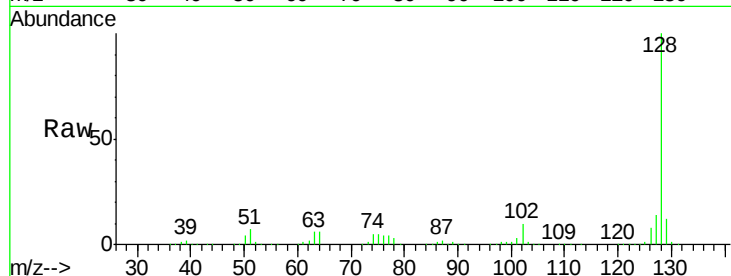
#31
Naphthalene
Concen: 49.90 ng/mL
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	13.0
127	14.4	10.6	16.0

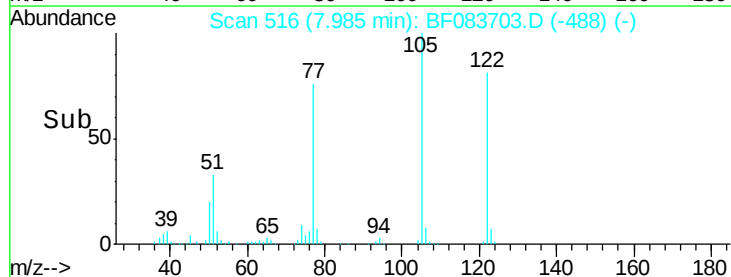
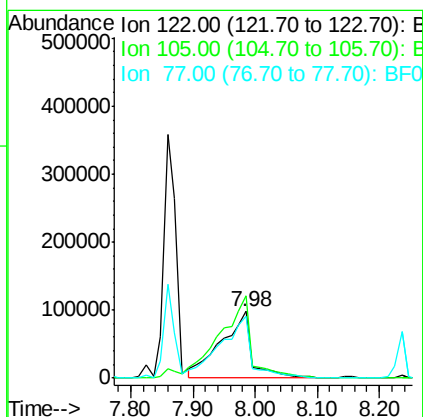
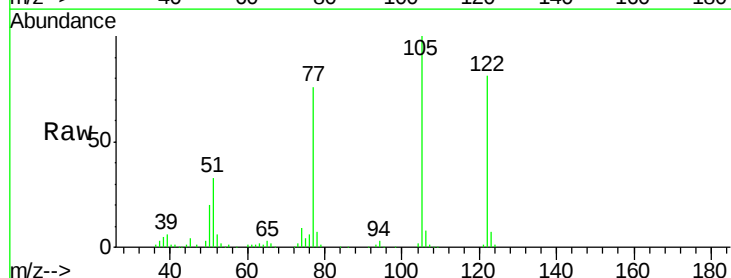
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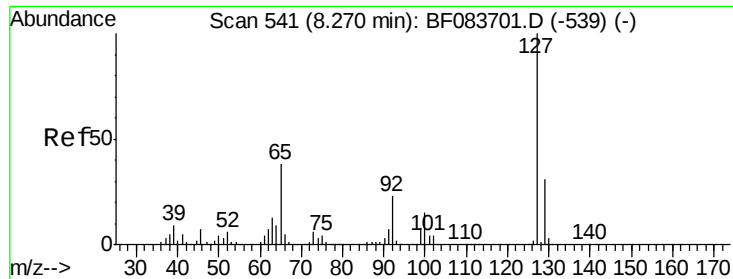
MMdadoda
12/14/2015 6:22:30 PM



#32
Benzoic acid
Concen: 65.63 ng/mL
RT: 7.98 min Scan# 516
Delta R.T. 0.02 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	105.6	145.6
77	93.6	86.8	126.8





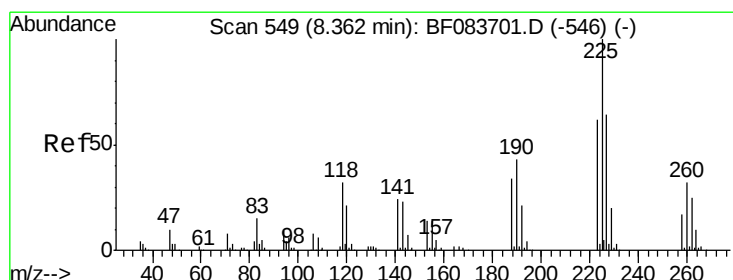
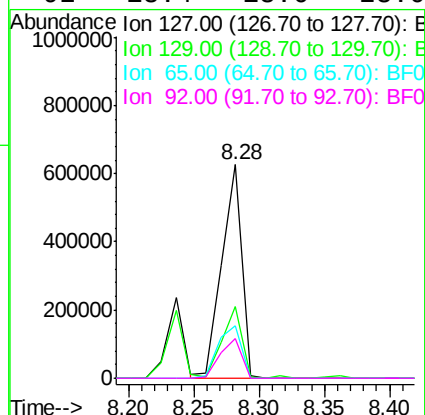
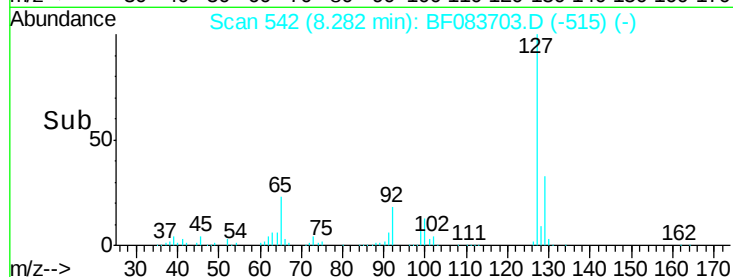
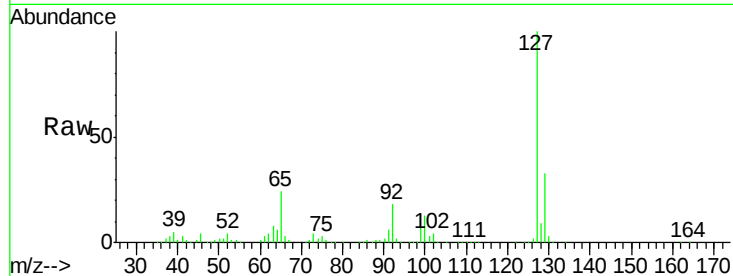
#33
4-Chloroaniline
Concen: 63.39 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.1	39.1		
65	24.3	33.5	50.3		
92	18.4	18.6	28.0		

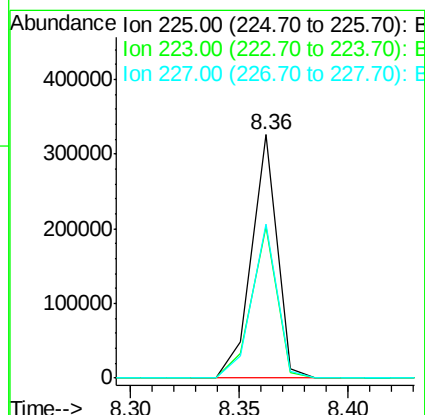
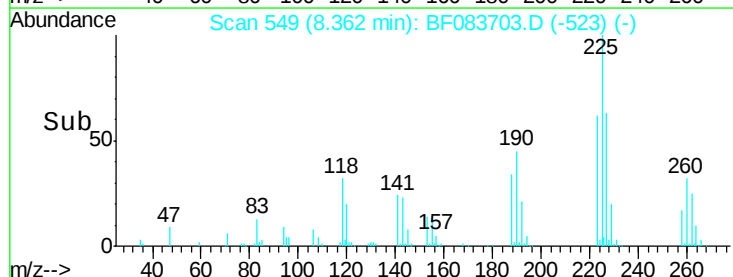
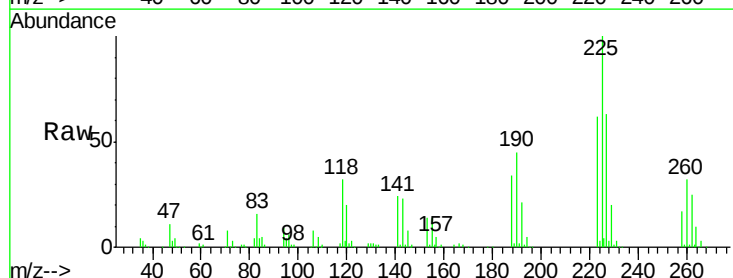
Manual Integrations
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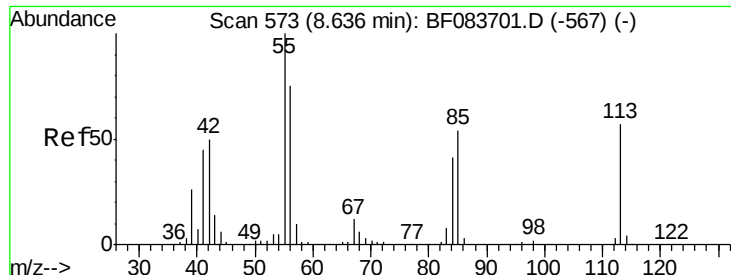
MMdadoda
12/14/2015 6:22:30 PM



#34
Hexachlorobutadiene
Concen: 50.02 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	52.3	78.5		
227	63.4	50.4	75.6		





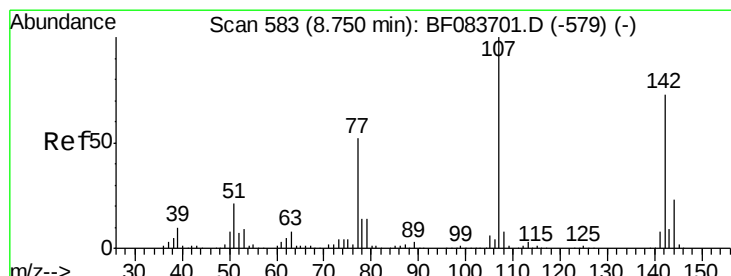
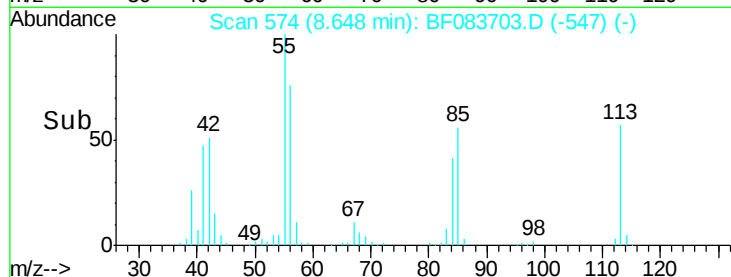
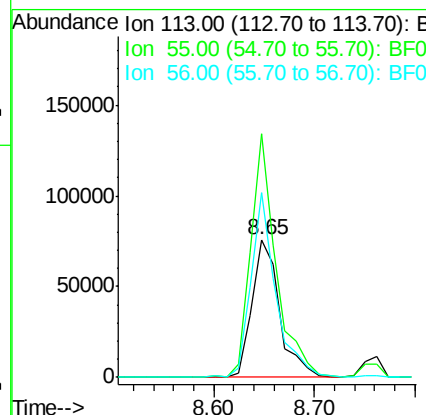
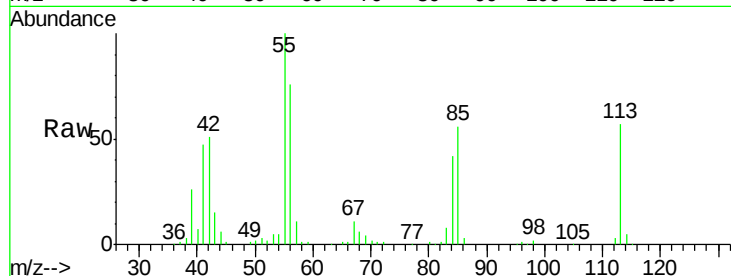
#35
Caprolactam
Concen: 57.97 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.5	189.7	229.7#
56	134.3	130.7	170.7

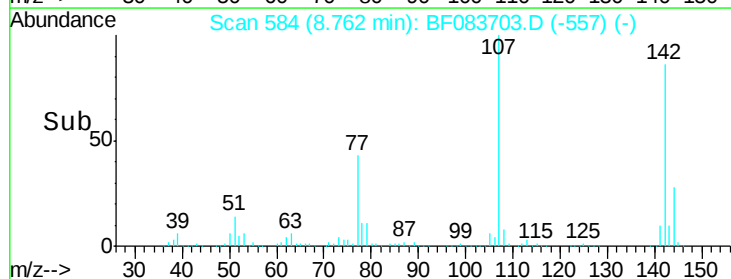
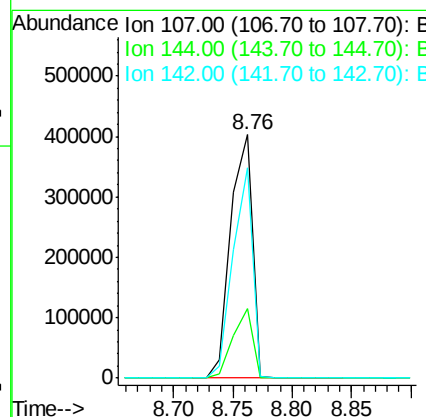
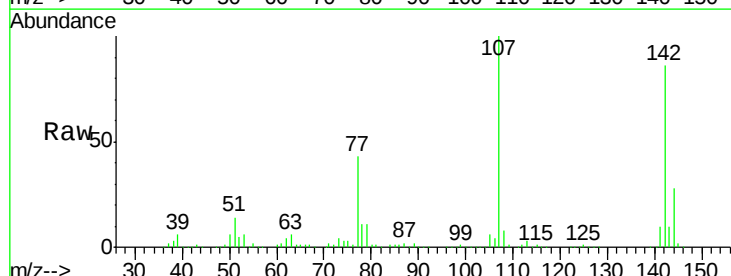
Manual Integrations
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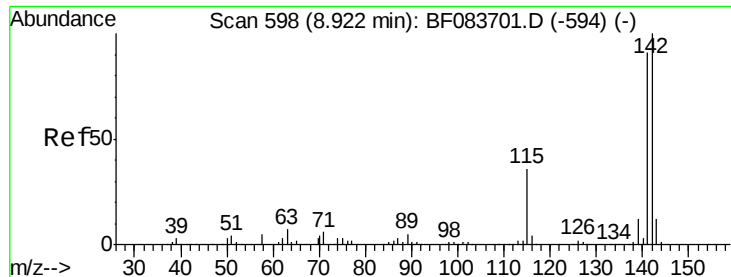
MMdadoda
12/14/2015 6:22:30 PM



#36
4-Chloro-3-methylphenol
Concen: 55.52 ng
RT: 8.76 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	17.5	26.3#
142	86.5	53.6	80.4#





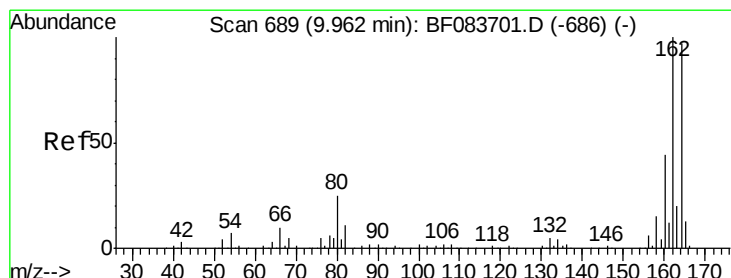
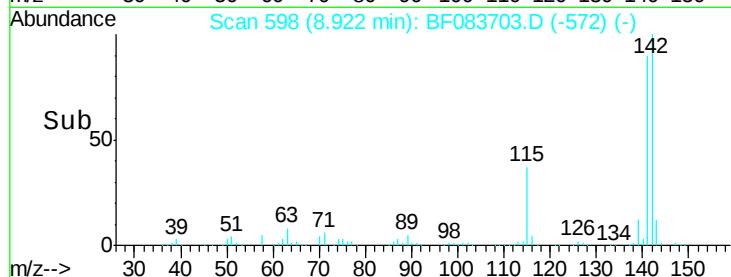
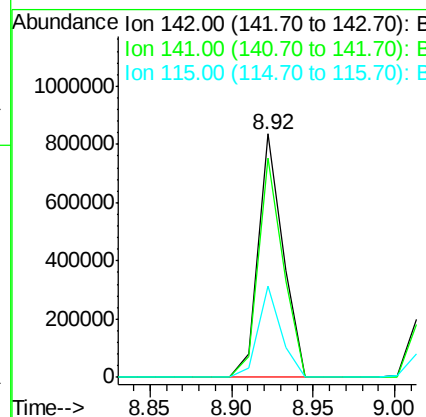
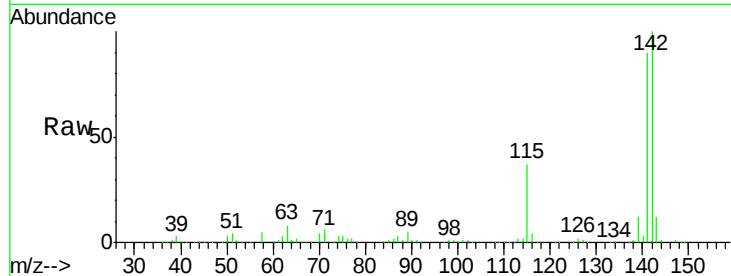
#37
2-Methylnaphthalene
Concen: 48.12 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	37.5	29.2	43.8

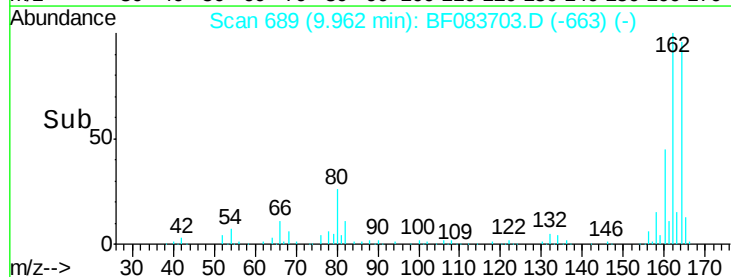
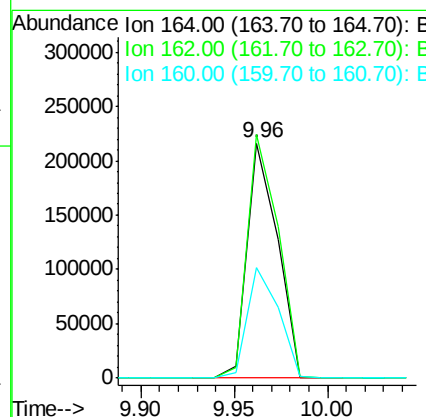
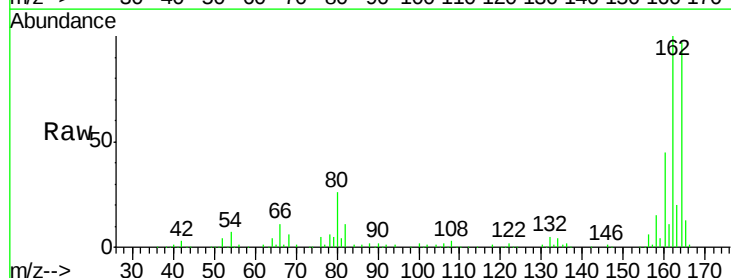
Manual Integrations
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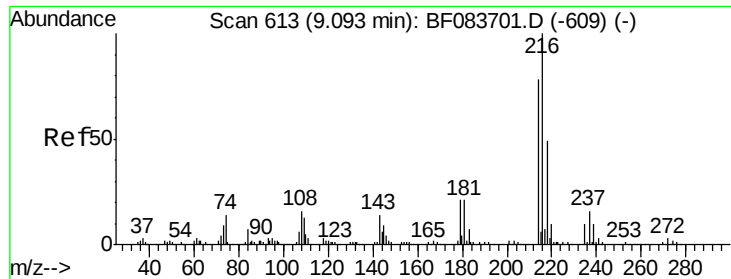
MMdadoda
12/14/2015 6:22:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	46.8	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.25 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

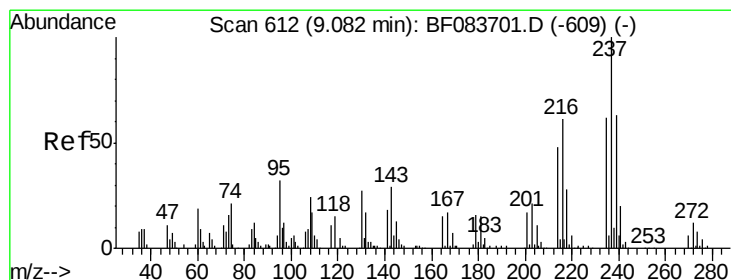
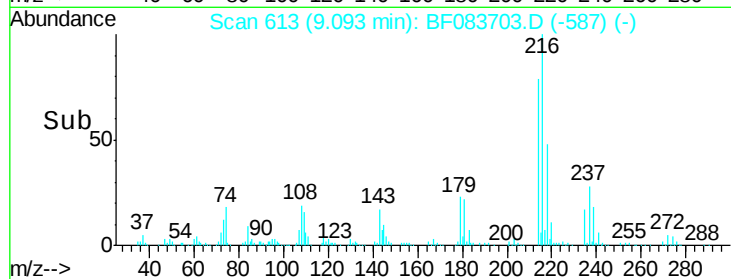
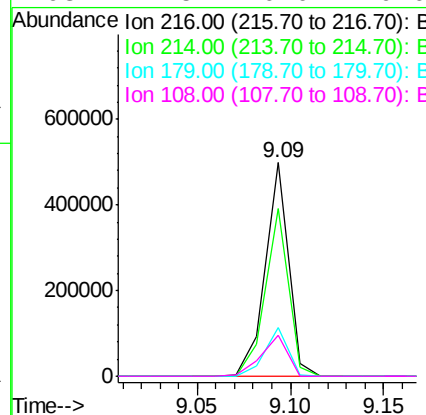
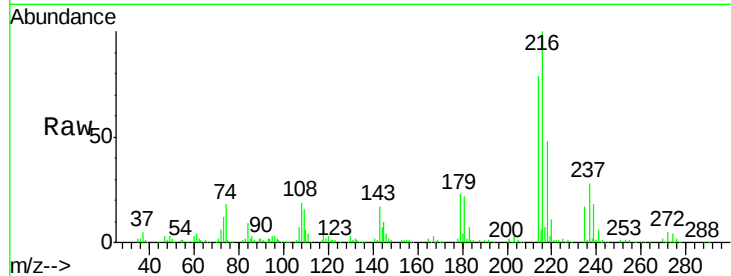
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		426592		
214	78.7	0.0	0.0#		
179	23.0	0.0	0.0#		
108	21.5	0.0	0.0#		

Manual Integrations
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MMdadoda
12/14/2015 6:22:30 PM



#40

Hexachlorocyclopentadiene

Concen: 204.26 ng

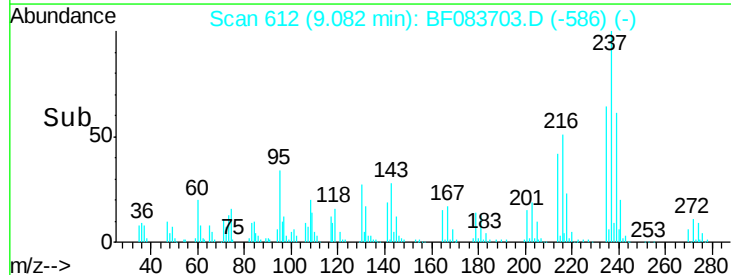
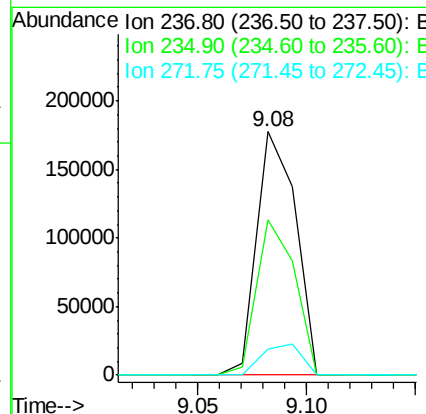
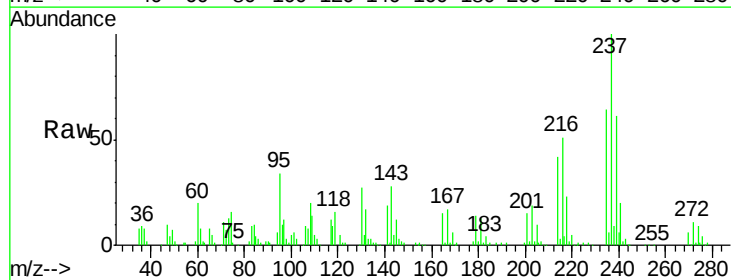
RT: 9.08 min Scan# 612

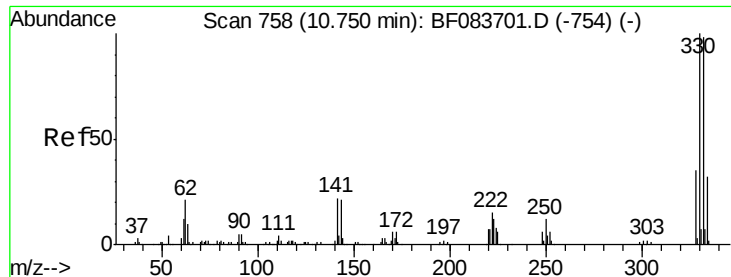
Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		221777		
235	63.7	43.9	83.9		
272	10.7	0.0	31.8		





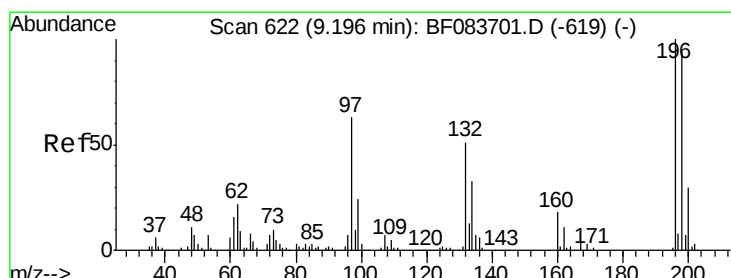
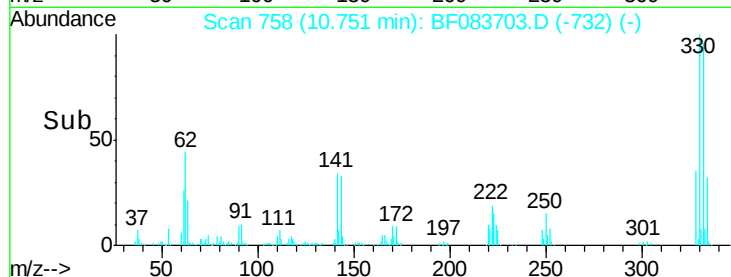
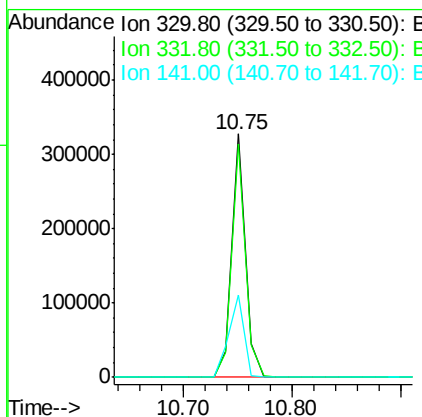
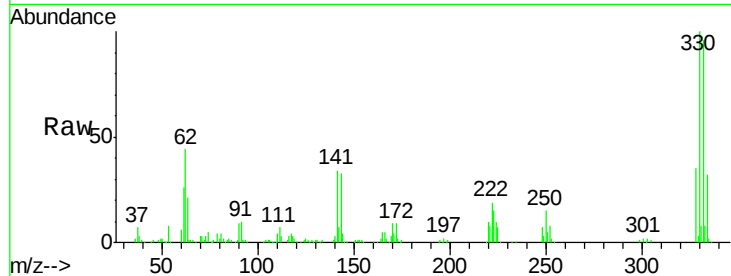
#41
 2,4,6-Tribromophenol
 Concen: 129.62 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	38.2	0.0	0.0#

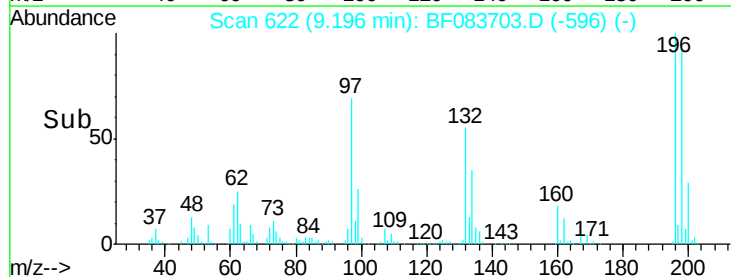
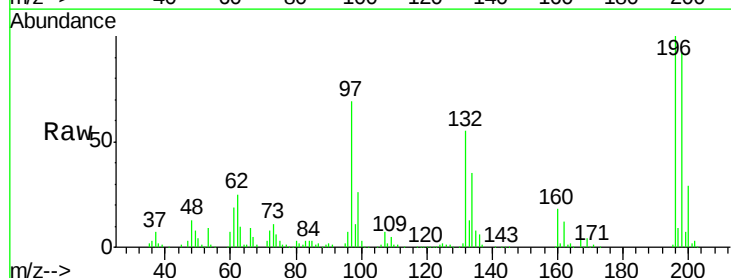
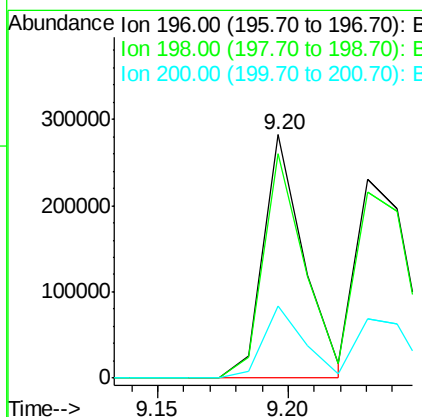
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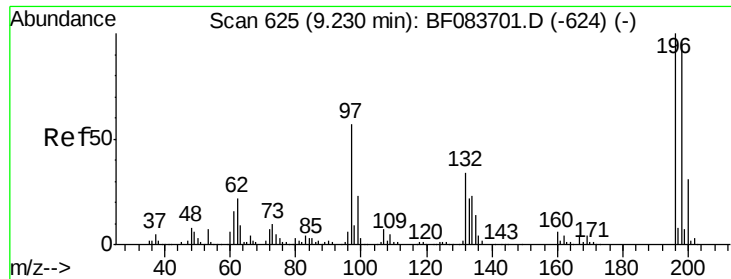
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#42
 2,4,6-Trichlorophenol
 Concen: 63.84 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	92.2	75.2	112.8
200	29.4	23.0	34.6





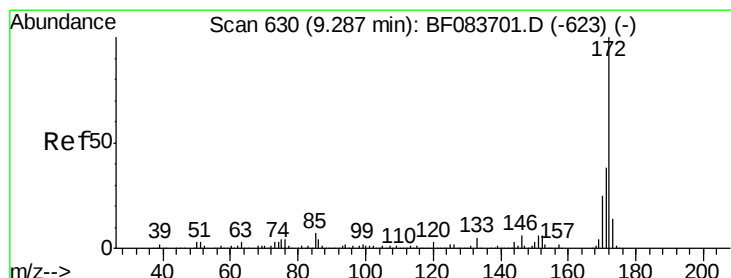
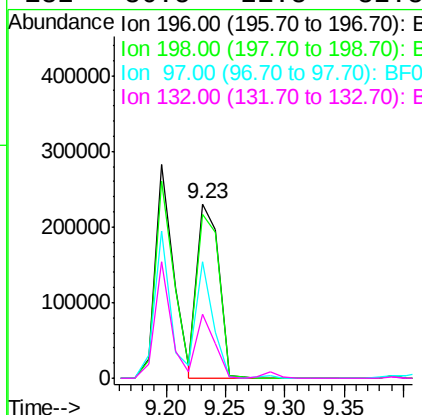
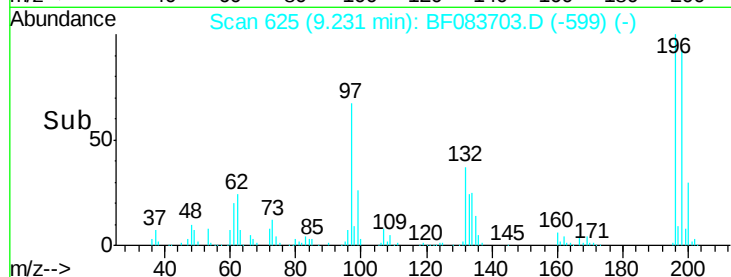
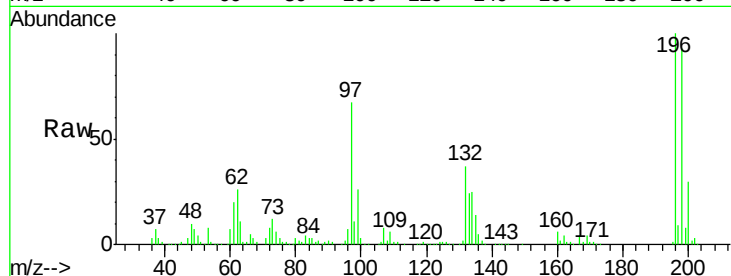
#43
 2,4,5-Trichlorophenol
 Concen: 63.24 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

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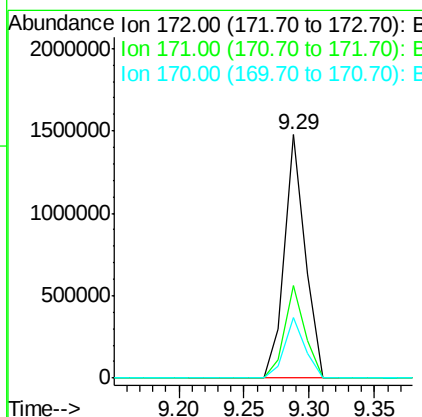
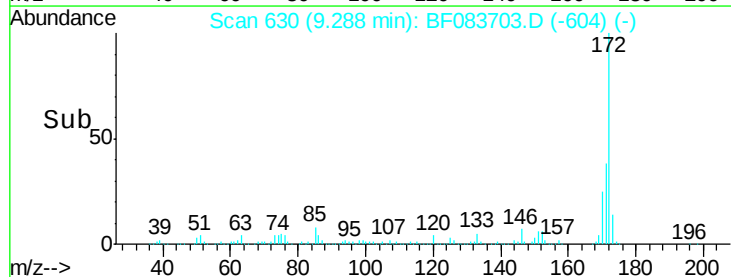
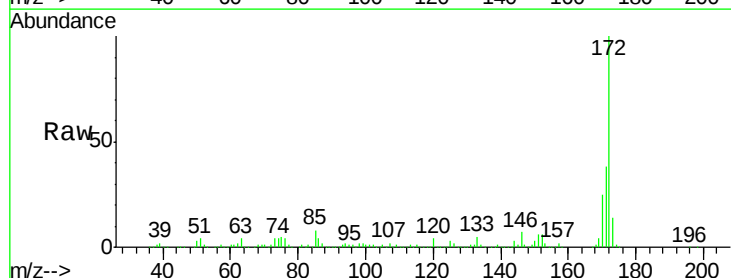
MMdadoda
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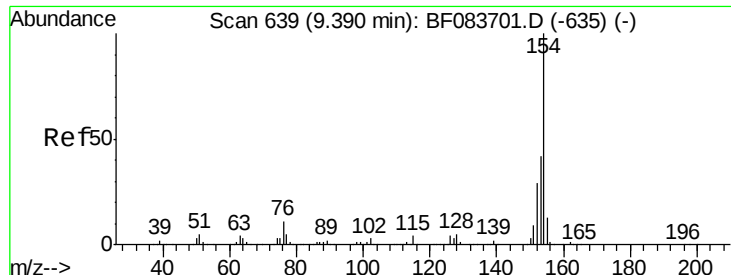
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		298423		
198	93.5	77.7	116.5		
97	66.6	41.2	61.8#		
132	36.5	21.8	32.8#		



#44
 2-Fluorobiphenyl
 Concen: 95.39 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1653910		
171	37.8	28.6	42.8		
170	25.0	19.4	29.0		





#45

1,1'-Biphenyl

Concen: 54.26 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1150805

Ion Ratio Lower Upper

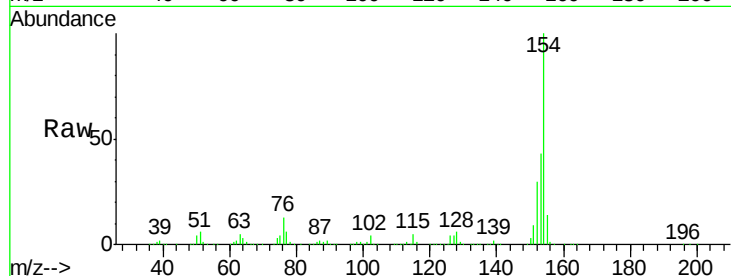
154 100

153 42.9 20.2 60.2

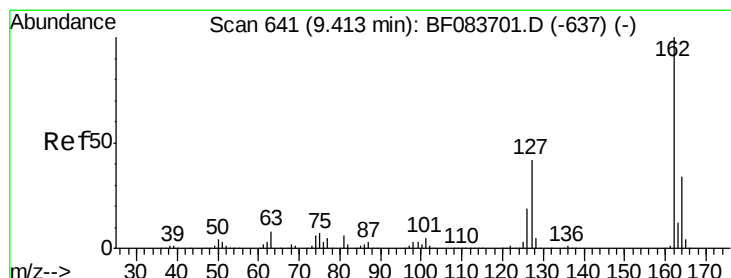
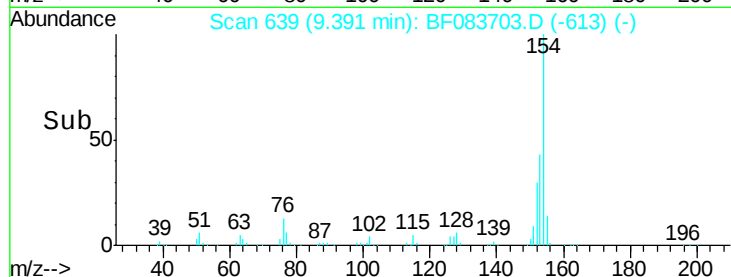
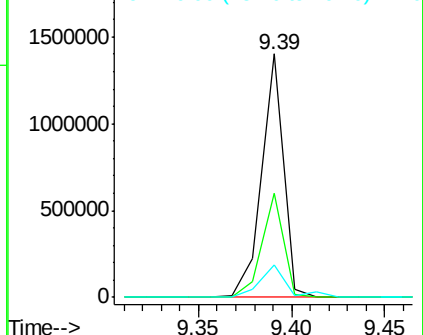
76 13.5 0.0 34.8

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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: 54.45 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

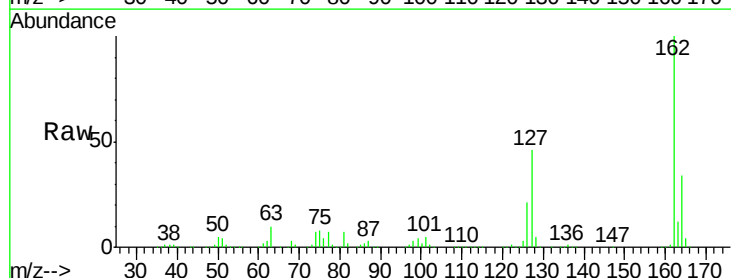
Tgt Ion:162 Resp: 871909

Ion Ratio Lower Upper

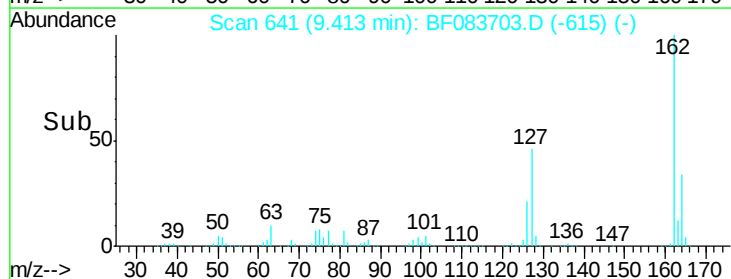
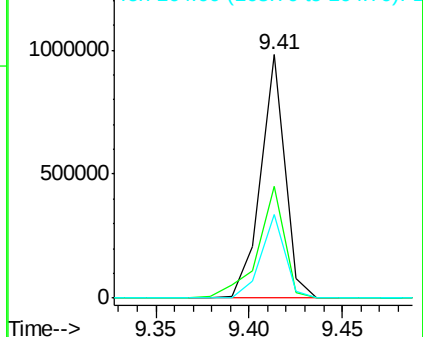
162 100

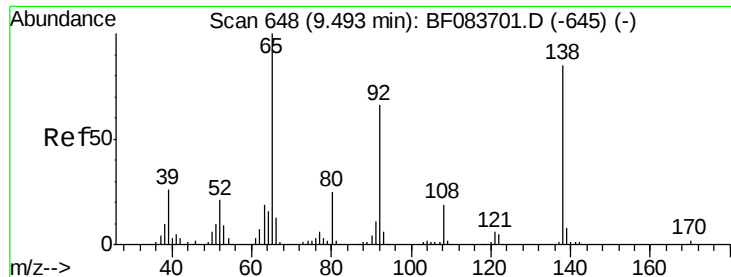
127 45.7 31.0 46.4

164 34.2 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: 48.86 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

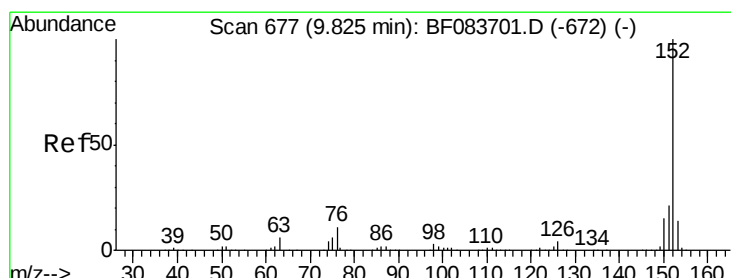
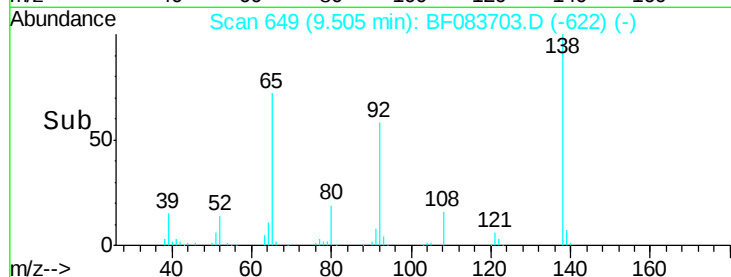
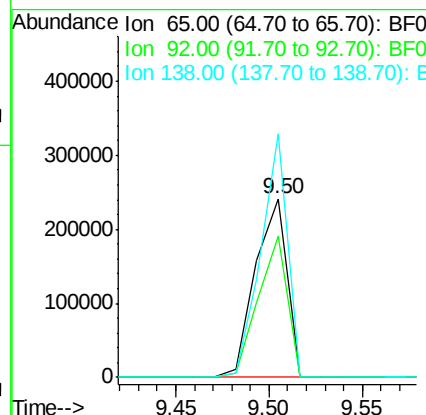
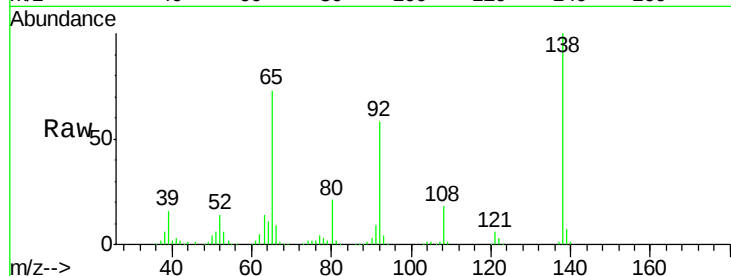
ClientSampleId :

SSTDIC060

Tot Ion:	65	Resp:	282199
Ion Ratio	Lower	Upper	
65	100		
92	79.1	49.6	74.4#
138	136.3	64.1	96.1#

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#48

Acenaphthylene

Concen: 52.80 ng

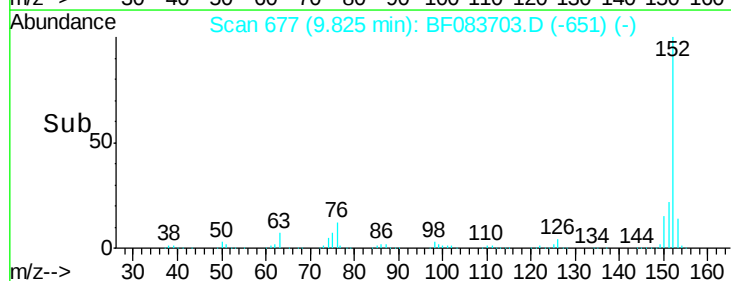
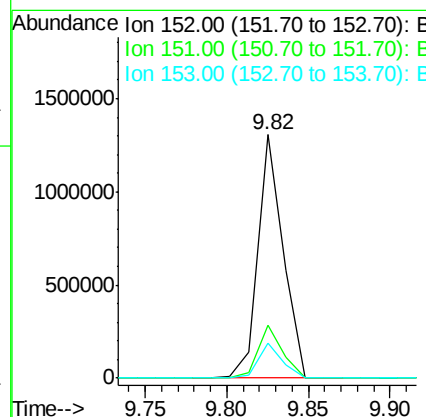
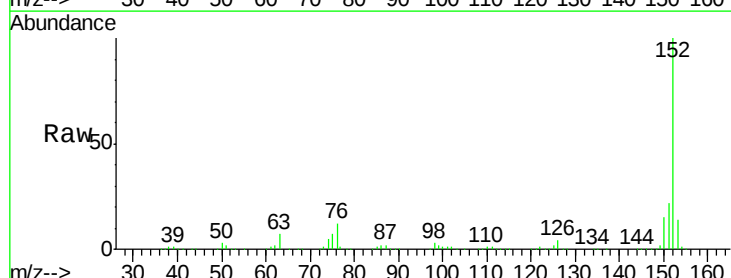
RT: 9.82 min Scan# 677

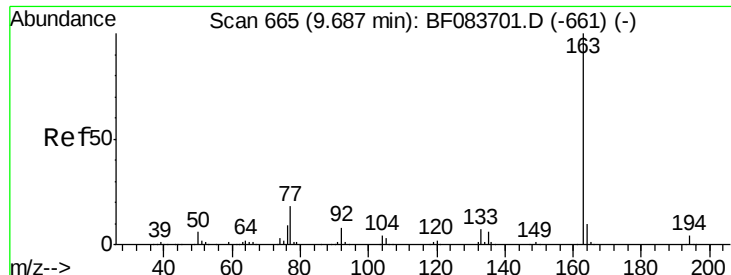
Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	152	Resp:	1394038
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.3	24.5
153	14.4	10.8	16.2





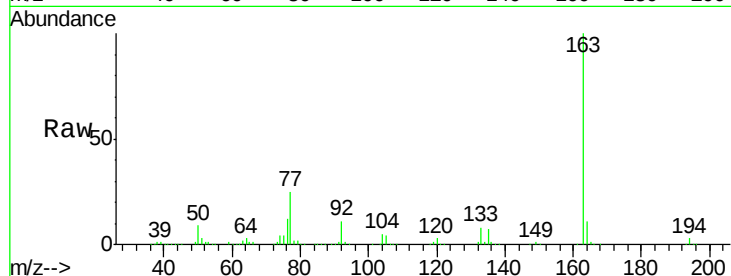
#49
Dimethylphthalate
Concen: 49.45 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

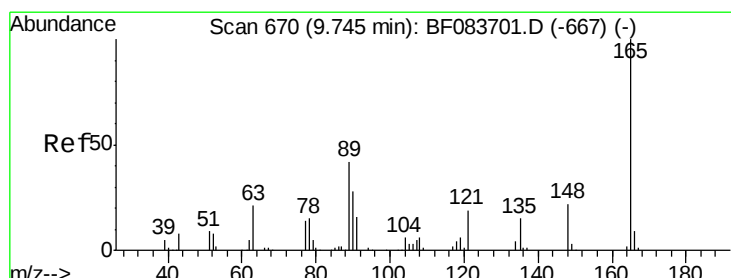
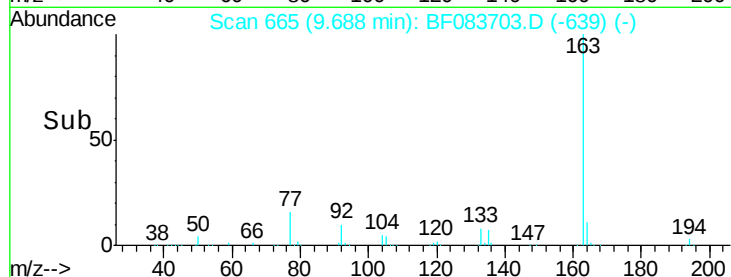
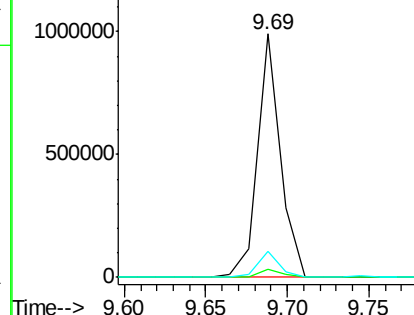
Tot Ion	Ratio	Resp	Lower	Upper
163	100	960444		
194	3.5		2.8	4.2
164	10.8		8.6	13.0

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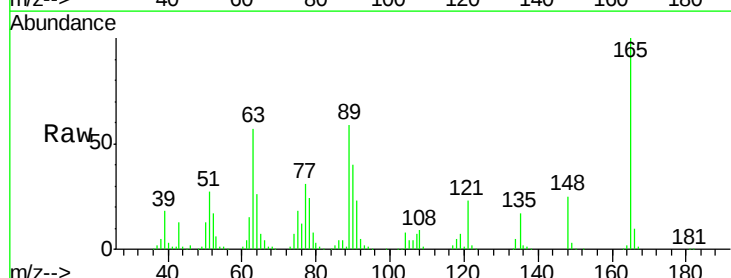


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

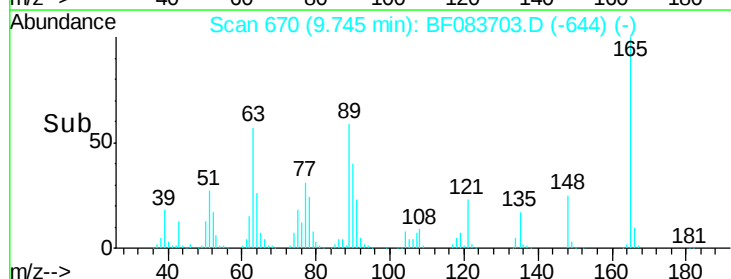
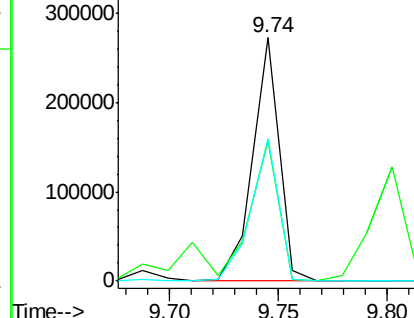


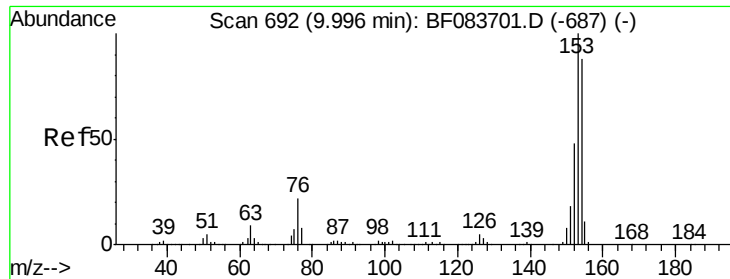
#50
2,6-Dinitrotoluene
Concen: 57.41 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	230220		
63	57.2		56.9	85.3
89	58.8		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: 55.96 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

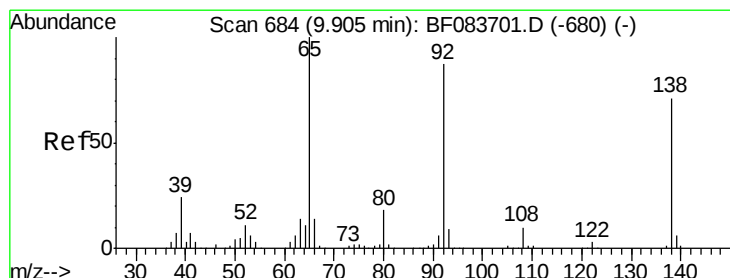
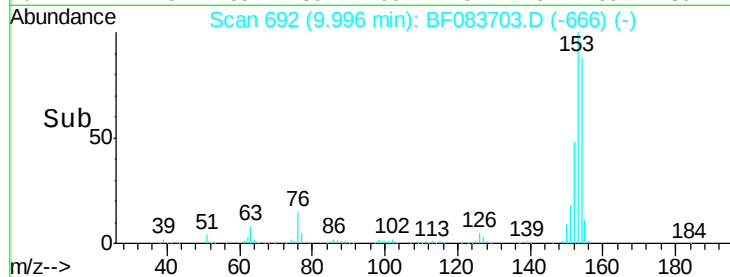
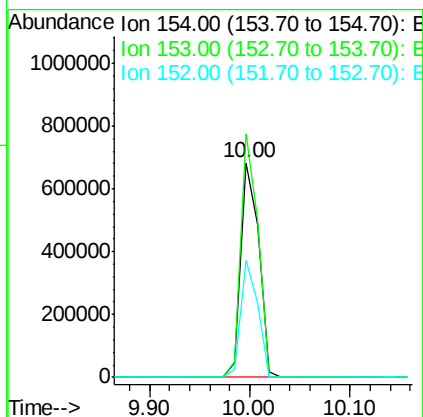
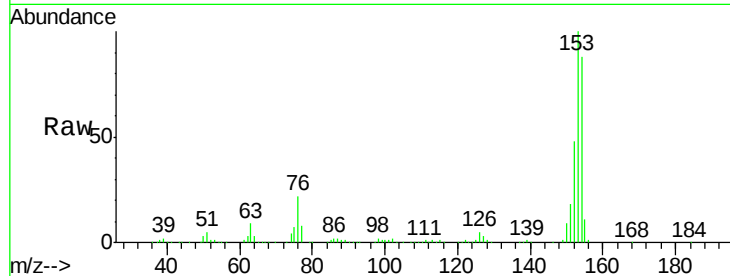
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.4	137.0
152	54.5	43.4	65.2

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#52

3-Nitroaniline

Concen: 68.69 ng

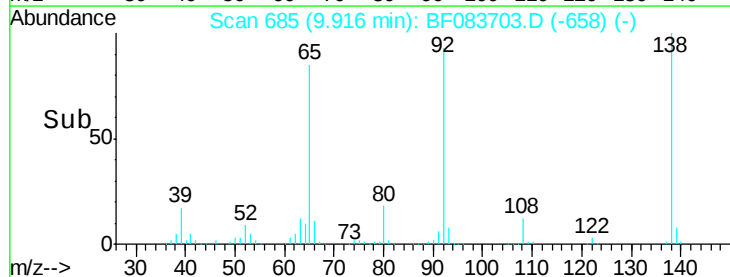
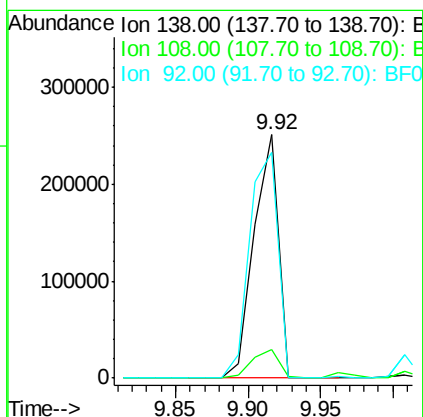
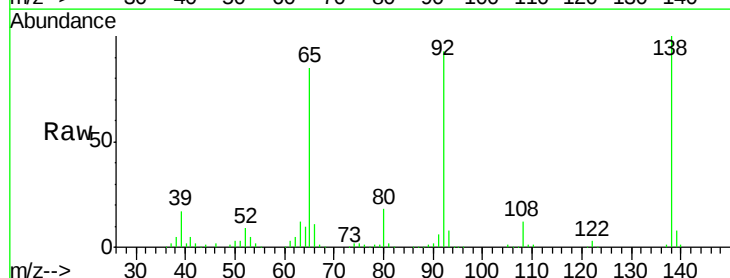
RT: 9.92 min Scan# 685

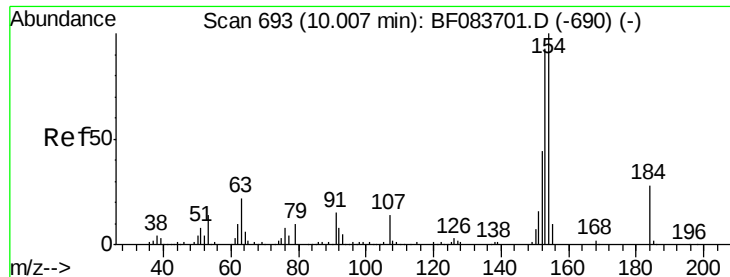
Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.9	14.9
92	92.8	113.8	170.8#





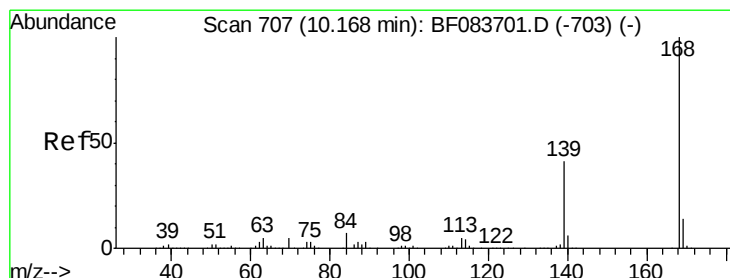
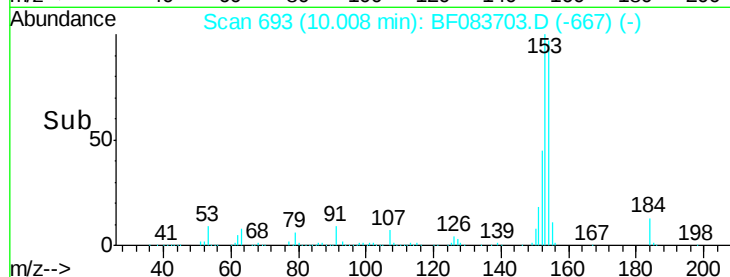
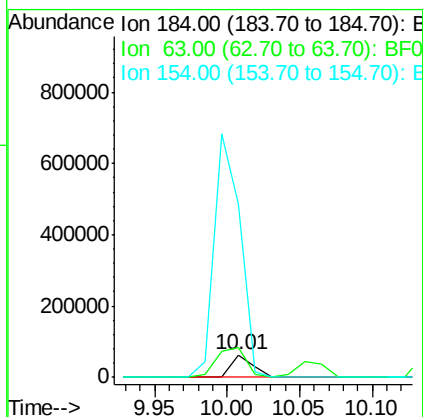
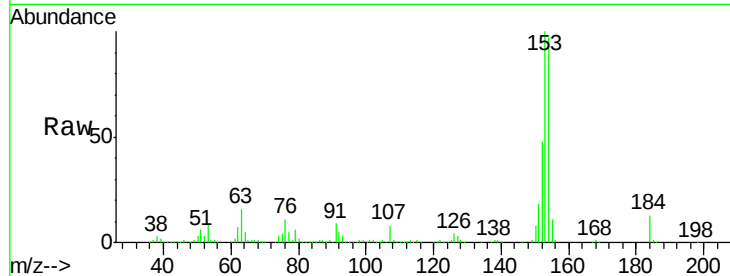
#53
2,4-Dinitrophenol
Concen: 39.68 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
184	100		
63	129.3	62.4	93.6#
154	764.5	46.6	69.8#

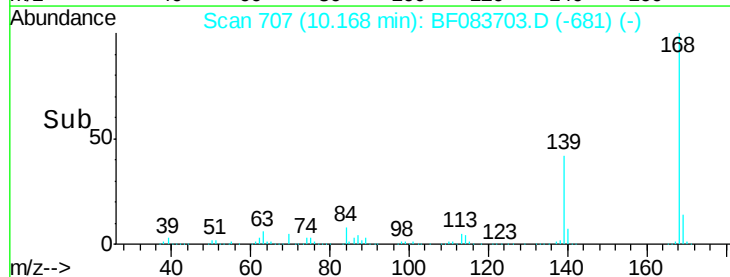
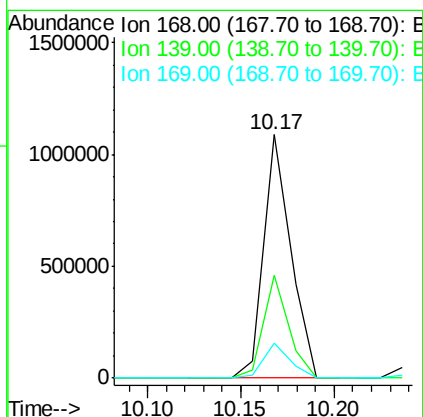
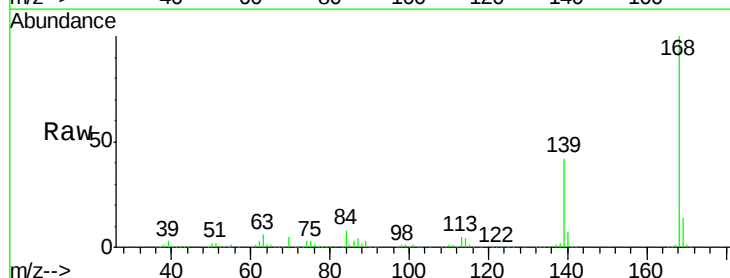
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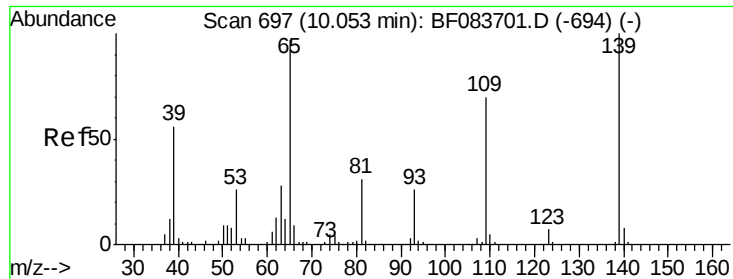
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#54
Dibenzofuran
Concen: 51.77 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	28.0	42.0#
169	14.4	10.8	16.2





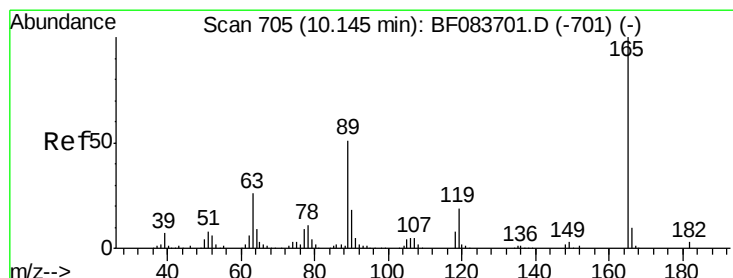
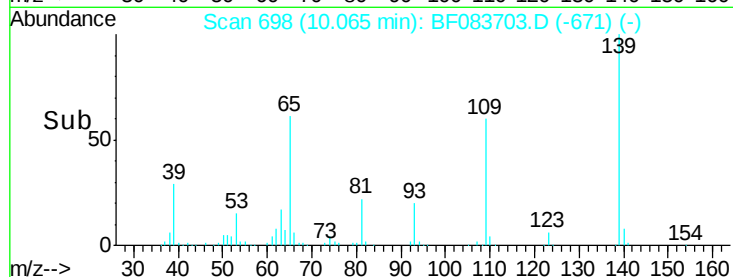
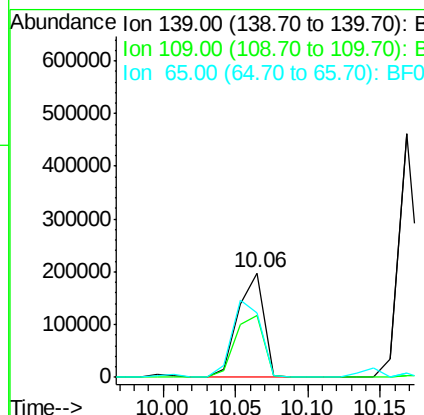
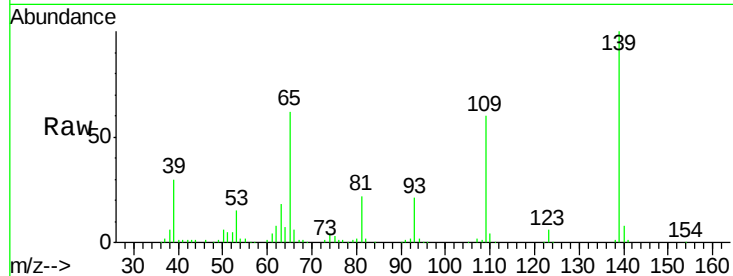
#55
4-Nitrophenol
Concen: 130.32 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	244560		
109	59.7	42.0	82.0	
65	61.8	89.2	129.2	

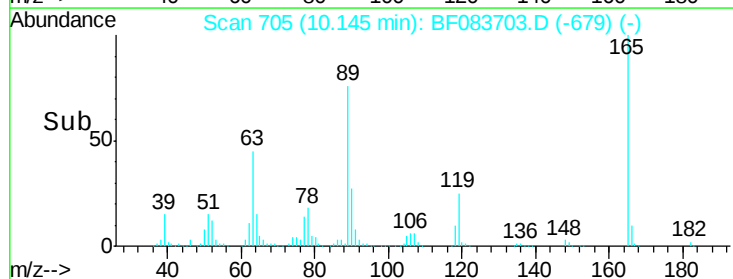
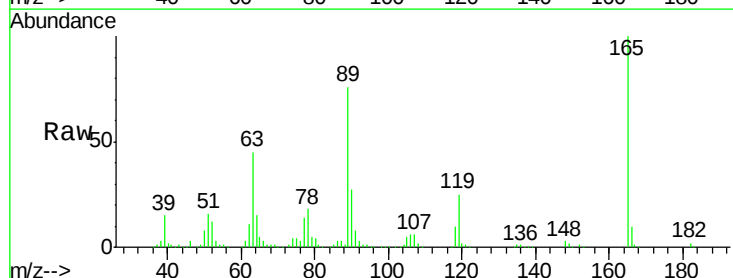
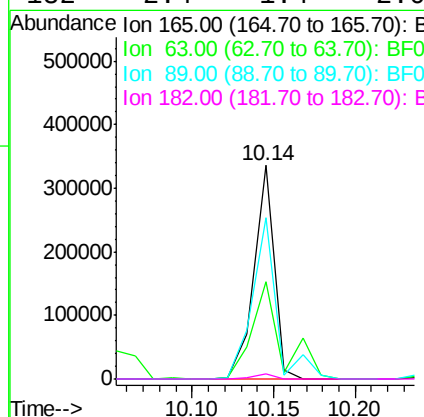
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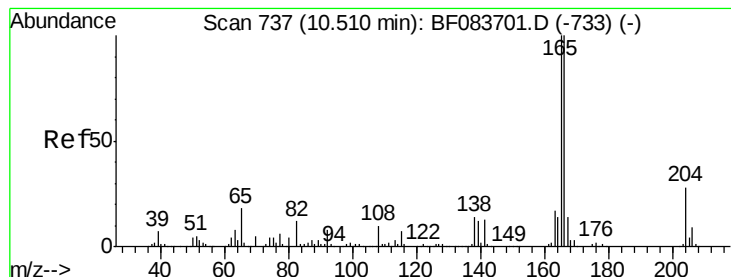
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 54.62 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	290490		
63	45.3	51.4	77.2	
89	75.8	72.6	108.8	
182	2.4	1.4	2.0	





#57

Fluorene

Concen: 44.37 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

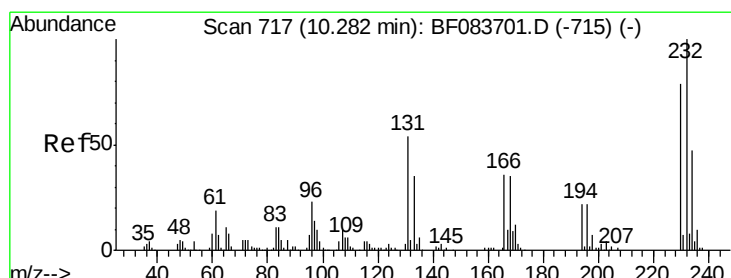
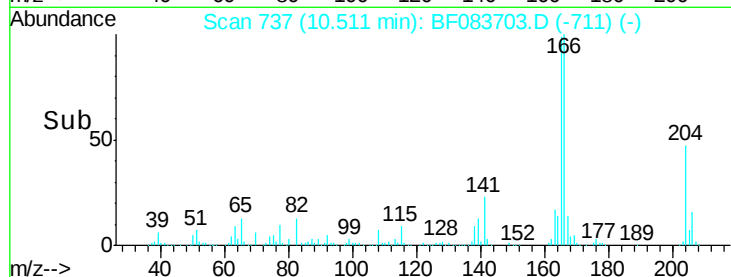
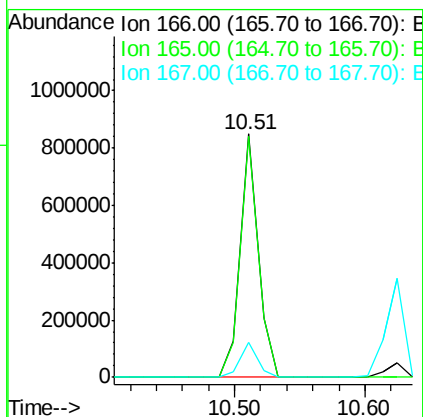
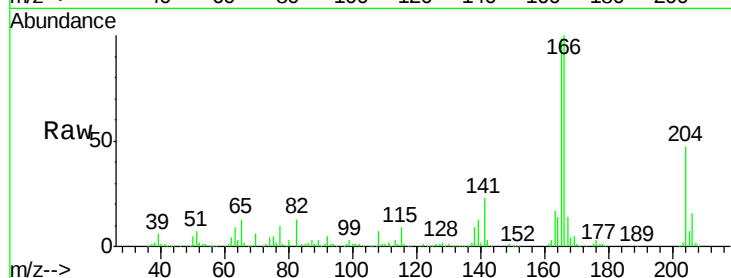
ClientSampleId :

SSTDICC060

Tot Ion:	166	Resp:	811832
Ion Ratio	Lower	Upper	
166	100		
165	99.1	80.0	120.0
167	14.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 62.08 ng

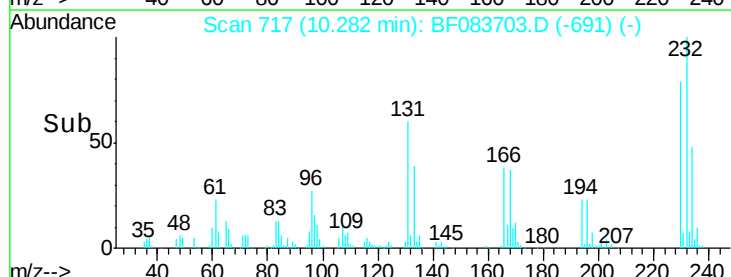
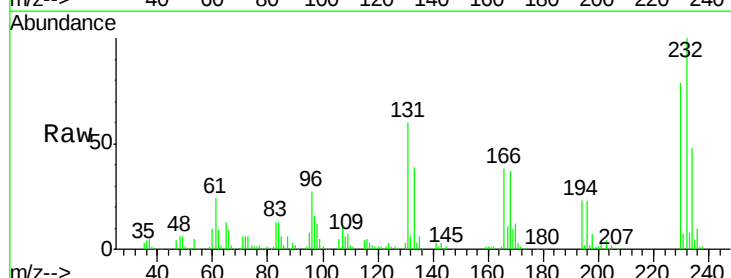
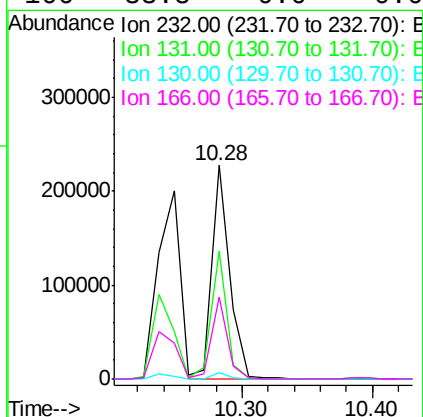
RT: 10.28 min Scan# 717

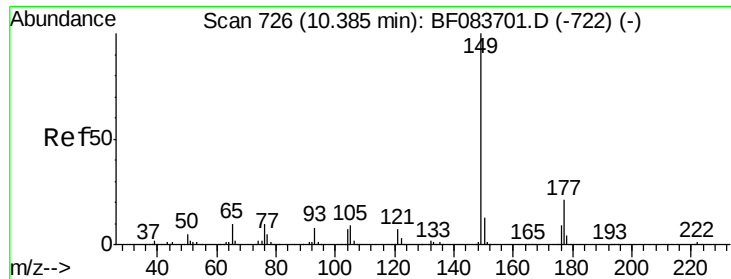
Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	232	Resp:	216912
Ion Ratio	Lower	Upper	
232	100		
131	52.5	0.0	0.0#
130	2.6	0.0	0.0#
166	33.8	0.0	0.0#





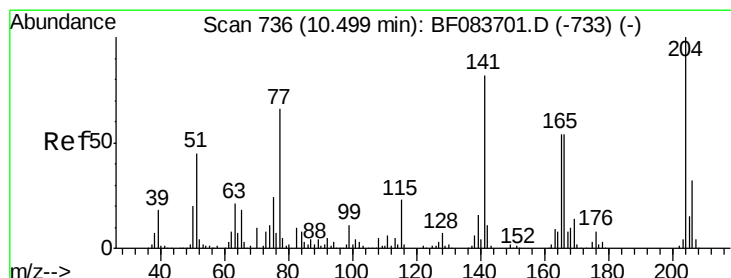
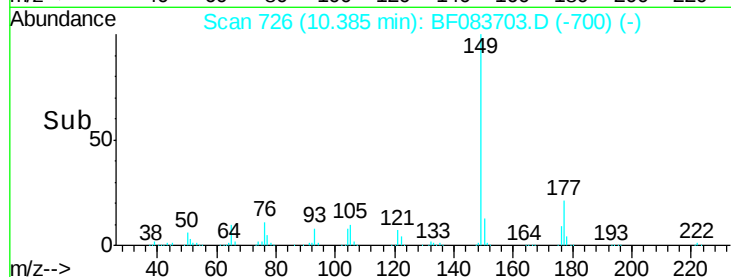
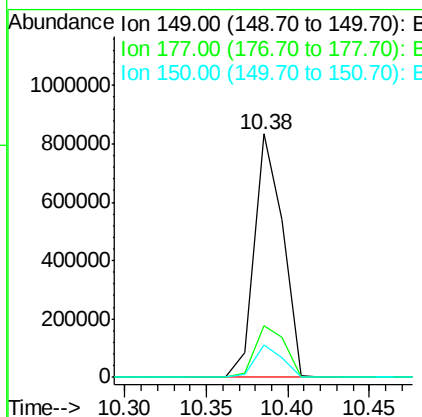
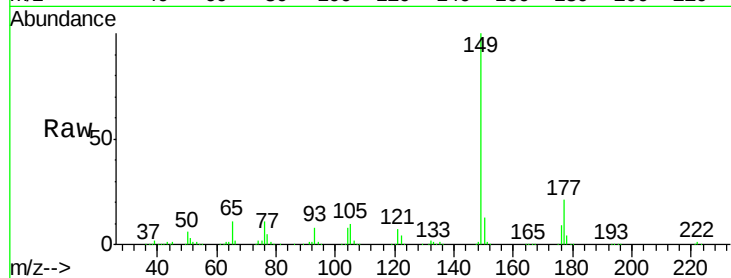
#59
Diethylphthalate
Concen: 53.19 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:149 Resp: 1004474
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 13.4 10.2 15.4

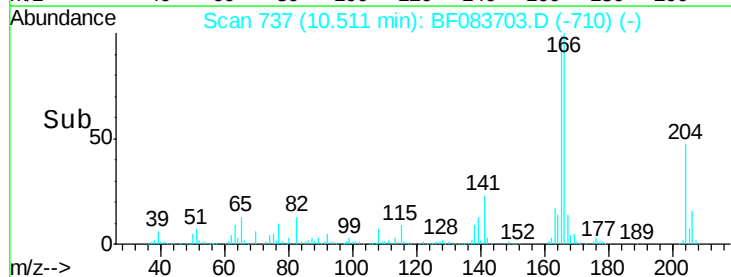
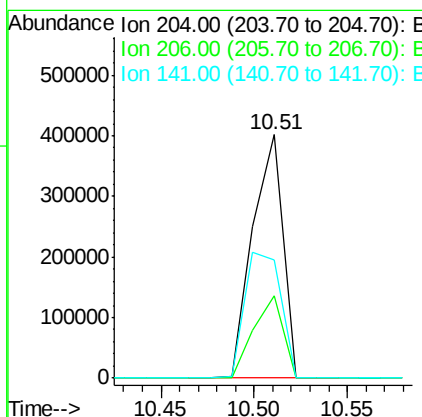
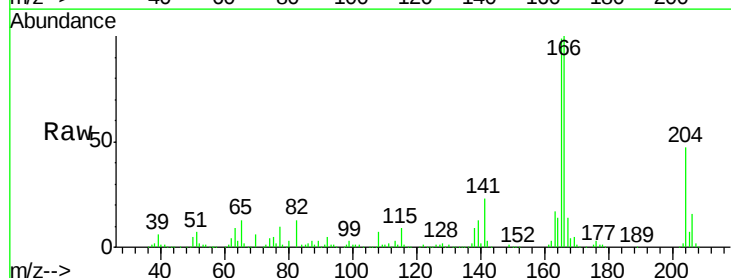
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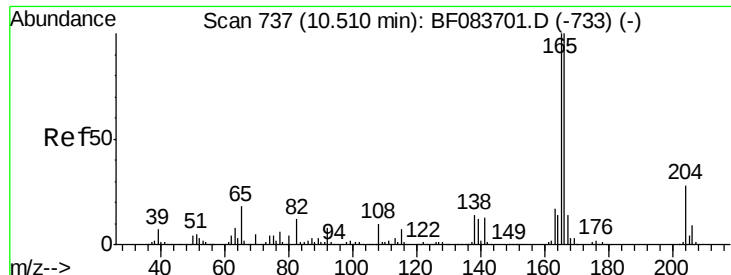
MMdadoda
12/14/2015 6:22:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.67 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:204 Resp: 450020
Ion Ratio Lower Upper
204 100
206 33.9 27.3 40.9
141 48.6 51.9 77.9#





#61

4-Nitroaniline

Concen: 57.13 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

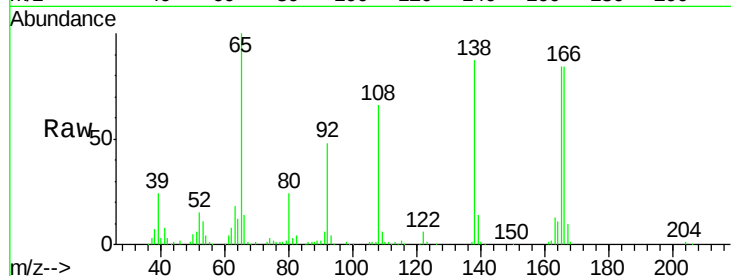
ClientSampleId :

SSTDICC060

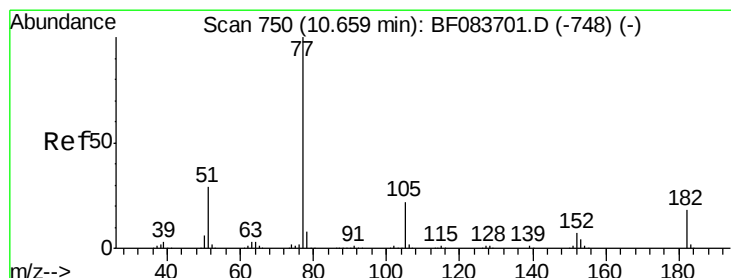
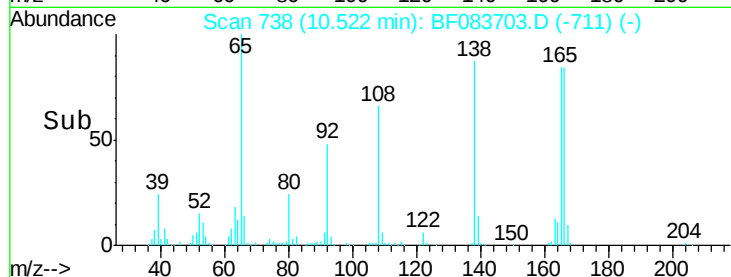
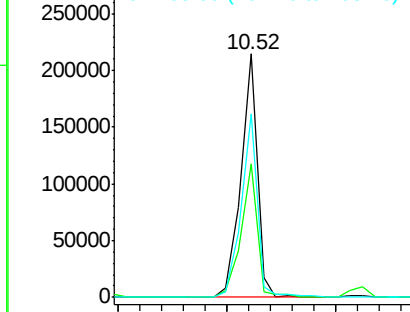
Tot Ion:	138	Resp:	221213
Ion Ratio	Lower	Upper	
138	100		
92	54.6	29.0	69.0
108	75.5	47.4	87.4

Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.48 ng

RT: 10.66 min Scan# 750

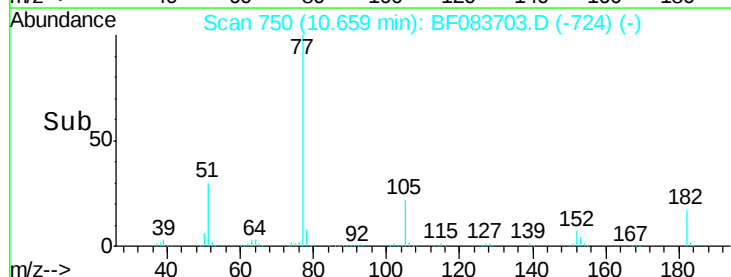
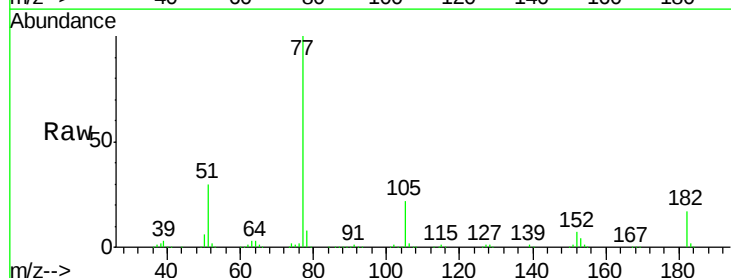
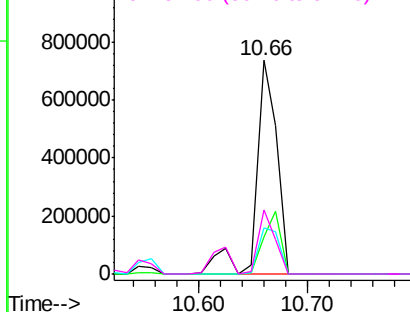
Delta R.T. 0.00 min

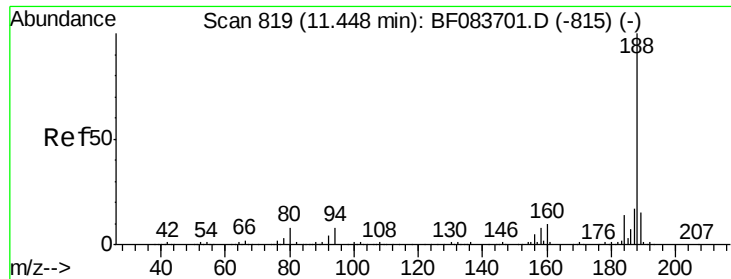
Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	77	Resp:	986961
Ion Ratio	Lower	Upper	
77	100		
182	17.1	2.5	42.5
105	21.9	2.1	42.1
51	30.1	9.3	49.3

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





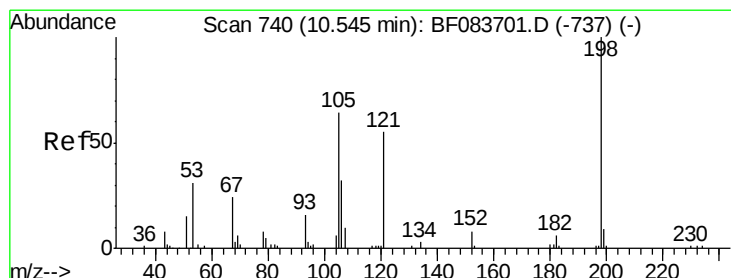
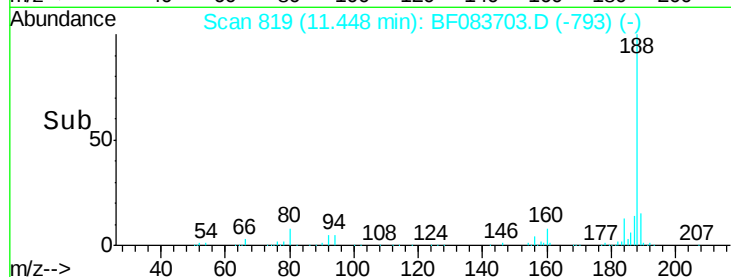
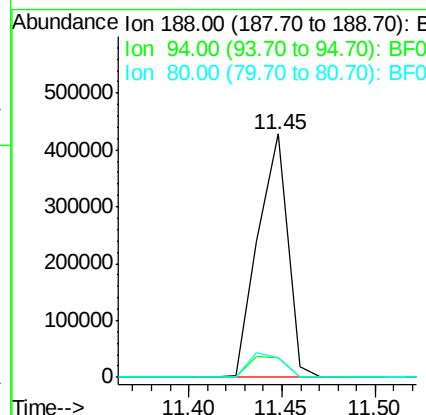
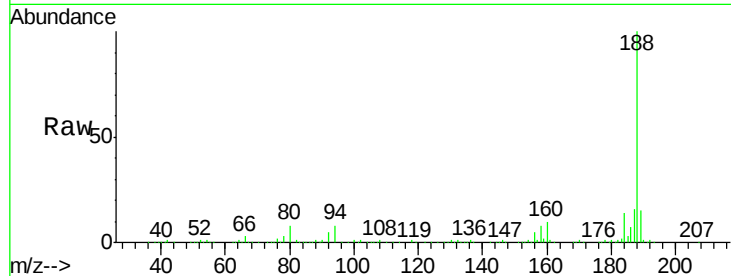
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	9.4	14.2#
80	8.3	10.6	16.0#

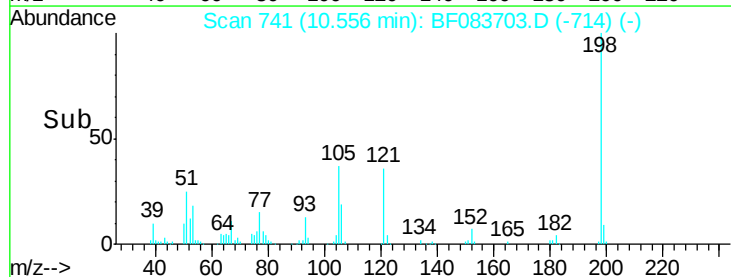
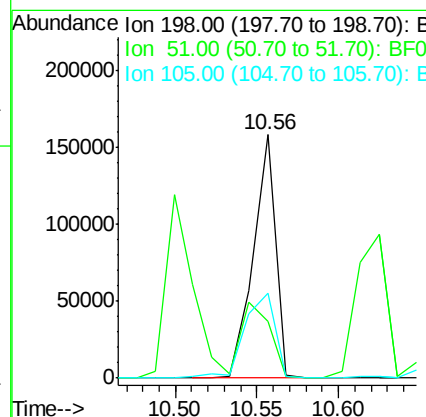
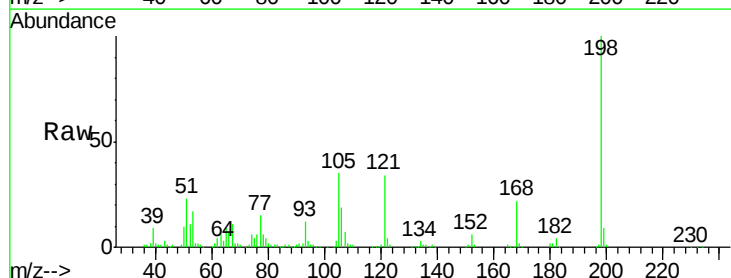
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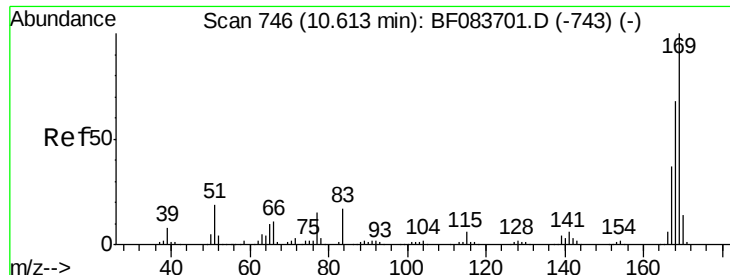
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.02 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	23.2	53.8	93.8#
105	34.8	38.6	78.6#





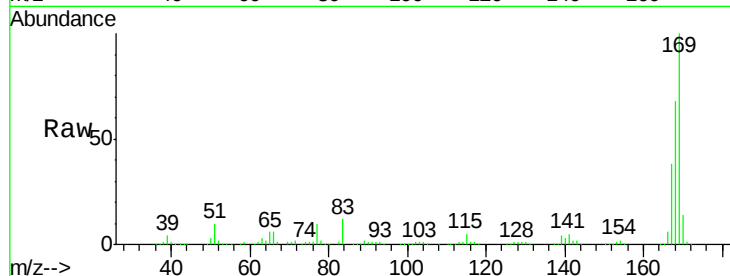
#65
n-Nitrosodiphenylamine
Concen: 56.98 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
169	100	889529		
168	67.9		53.0	79.6
167	37.7		29.3	43.9

Manual Integrations
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MMdadoda
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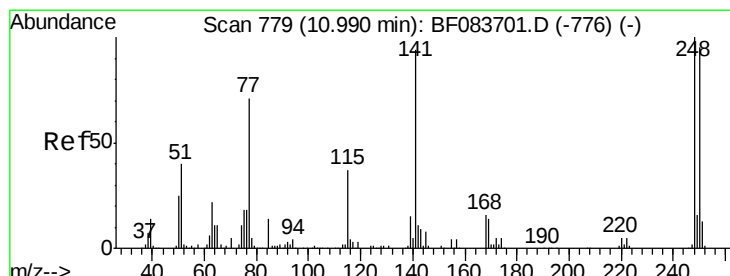
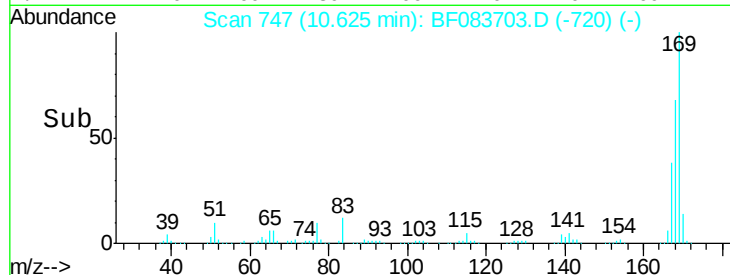
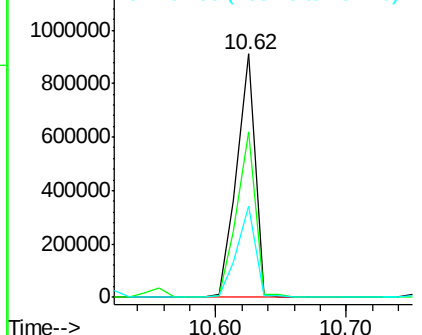


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 50.88 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

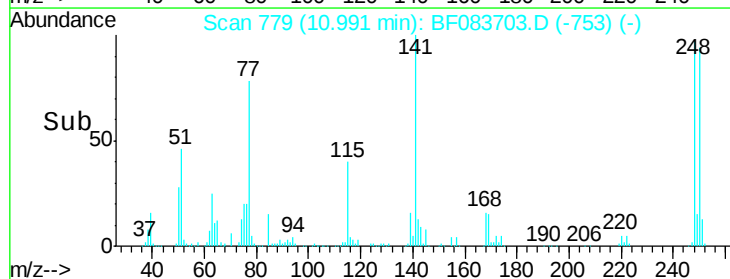
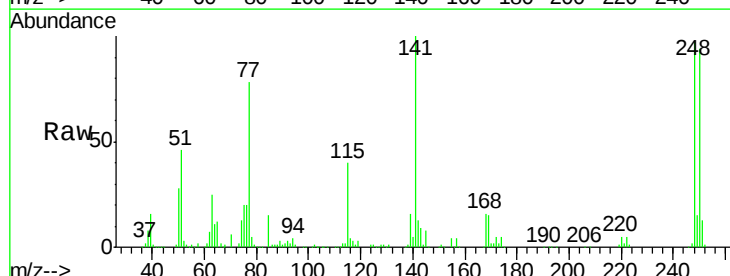
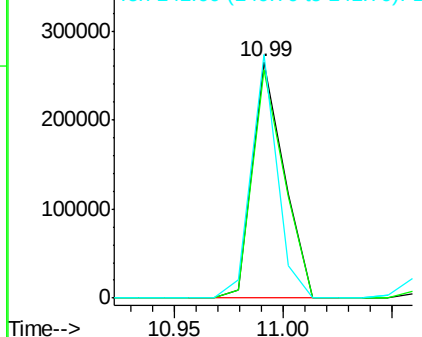
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	268458		
250	96.7		79.2	118.8
141	103.2		58.2	87.4#

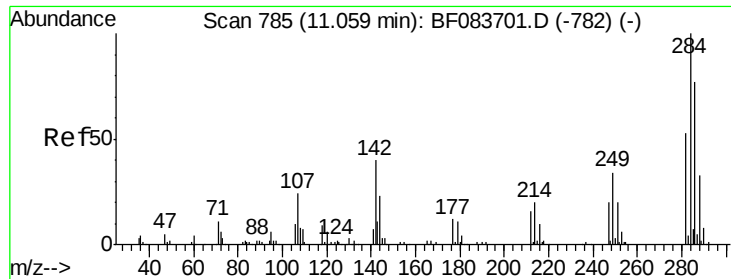
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





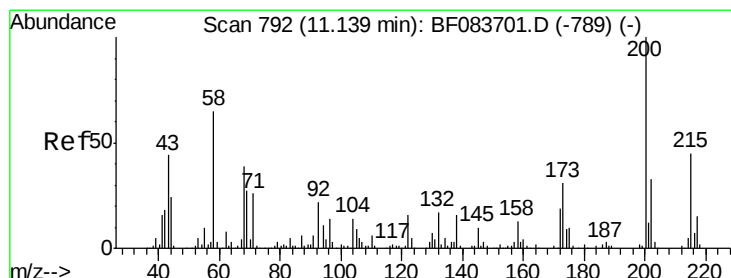
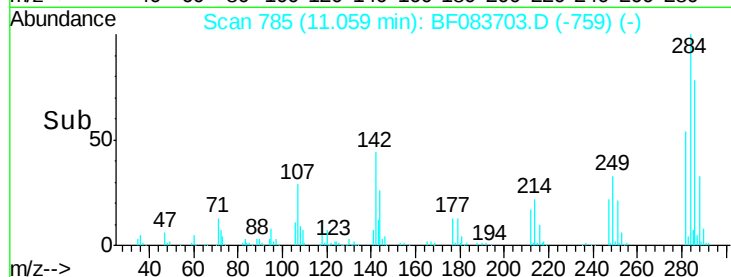
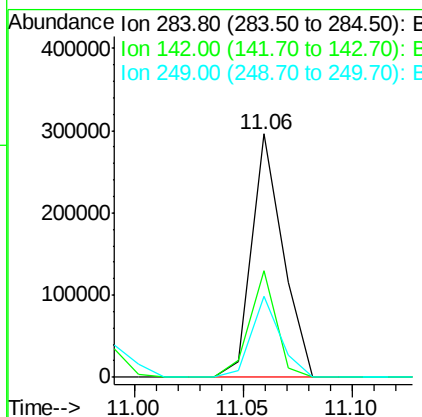
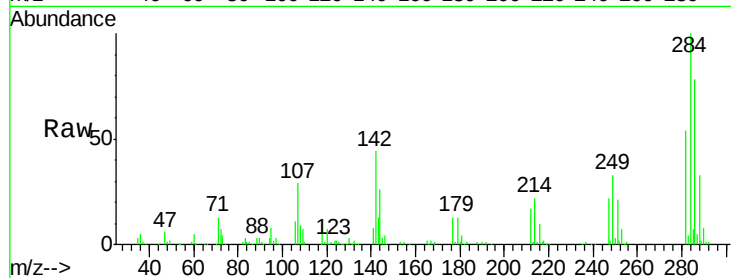
#67
Hexachlorobenzene
Concen: 52.69 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	43.8	31.0	46.4
249	33.4	26.9	40.3

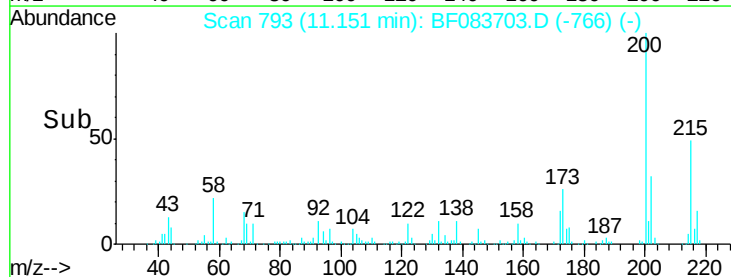
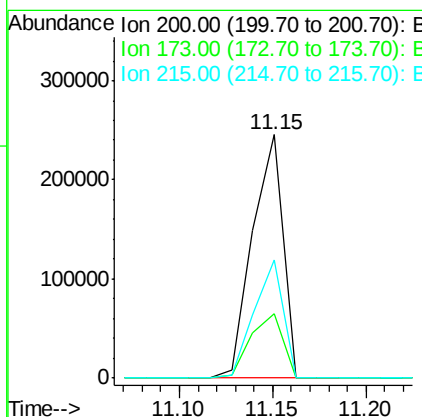
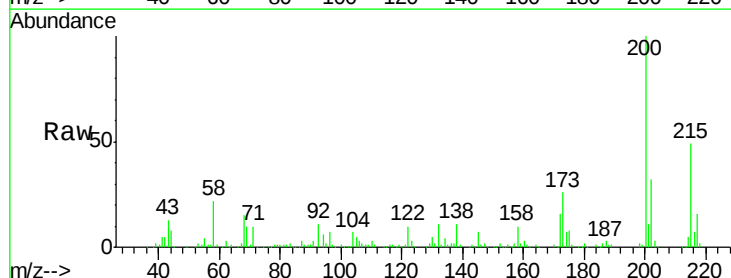
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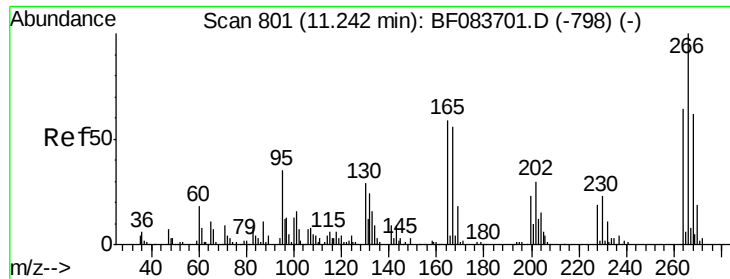
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#68
Atrazine
Concen: 59.51 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	7.8	47.8
215	48.7	25.7	65.7





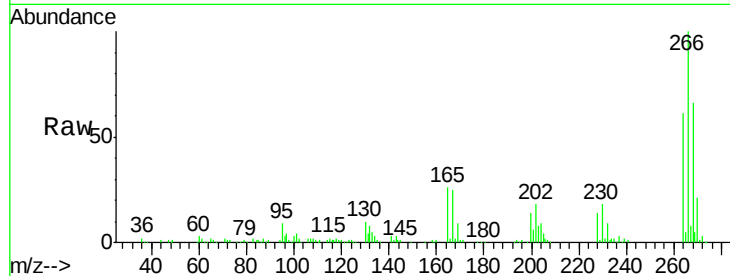
#69
 Pentachlorophenol
 Concen: 161.61 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

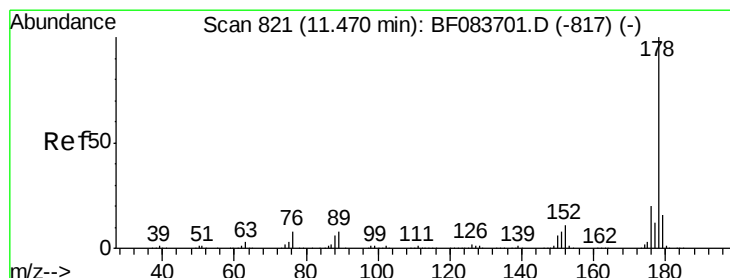
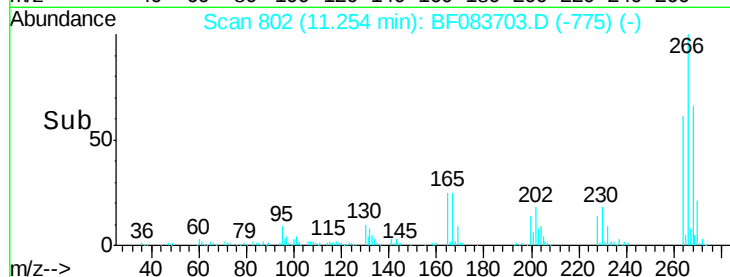
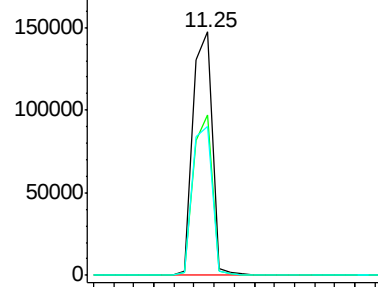
Tot Ion	Ratio	Resp	Lower	Upper
266	100	198065		
268	65.7		50.2	75.2
264	61.3		51.4	77.2

Manual Integrations
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 12/14/2015 6:22:30 PM

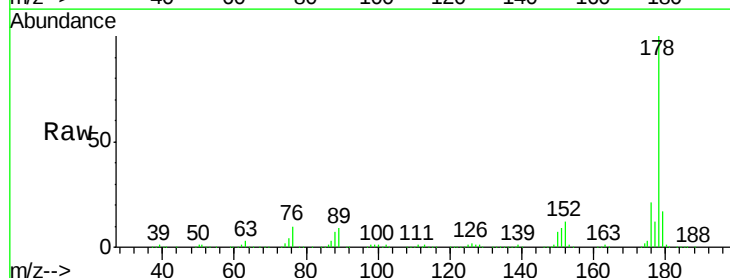


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

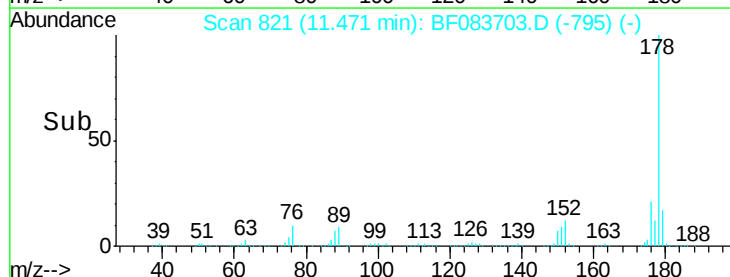
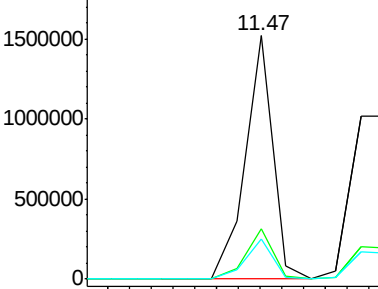


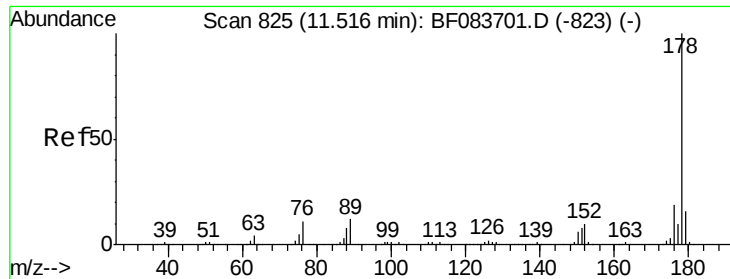
#70
 Phenanthrene
 Concen: 49.72 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1351152		
176	20.9		15.7	23.5
179	16.6		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





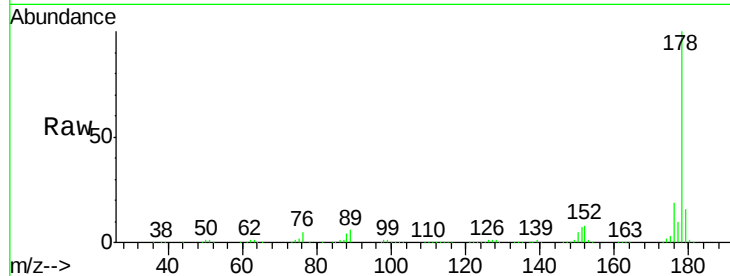
#71
 Anthracene
 Concen: 51.15 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.7	12.6	18.8

Manual Integrations
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MMdadoda
 12/14/2015 6:22:30 PM

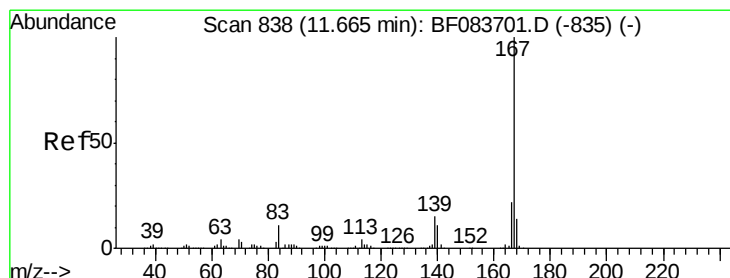
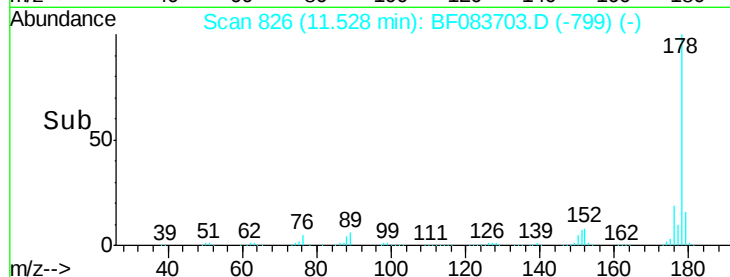
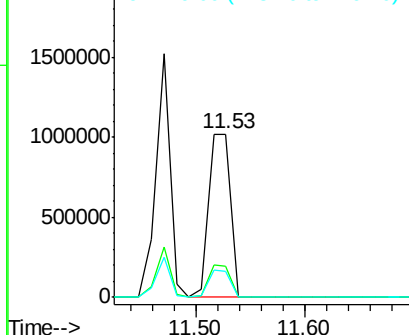


Abundance

Ion 178.00 (177.70 to 178.70): E

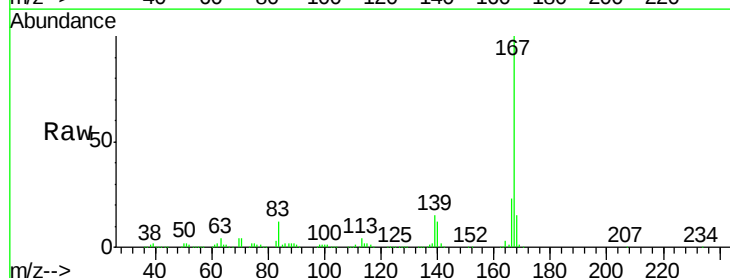
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 54.40 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	15.3	9.3	13.9

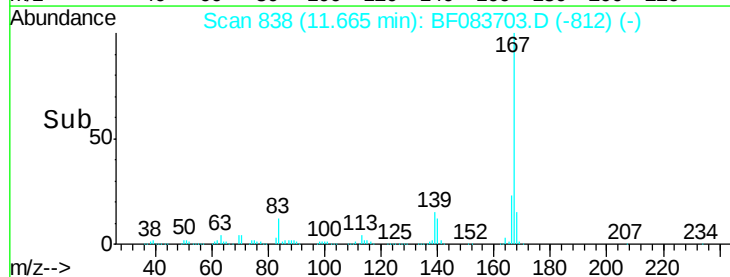
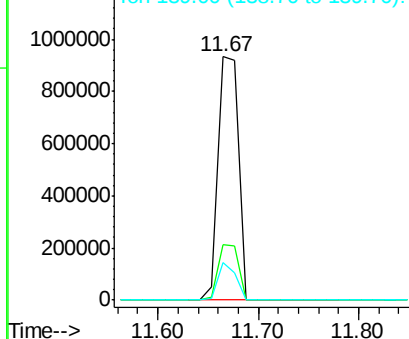


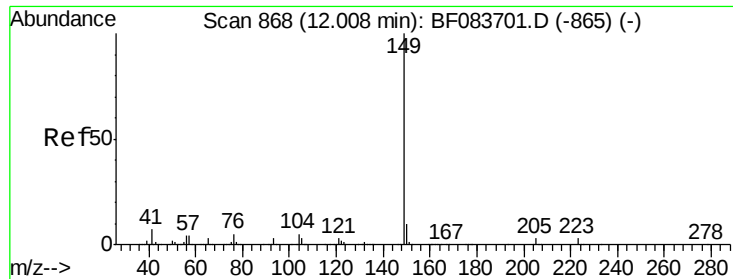
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1386425

Ion Ratio Lower Upper

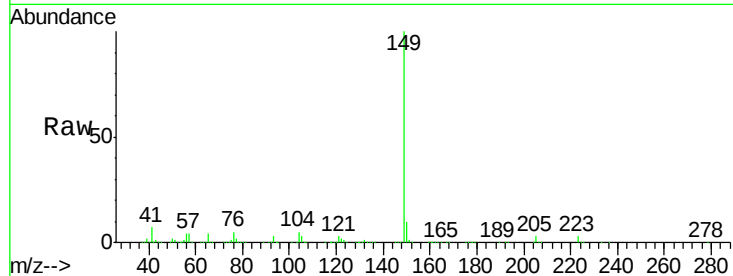
149 100

150 10.2 7.8 11.6

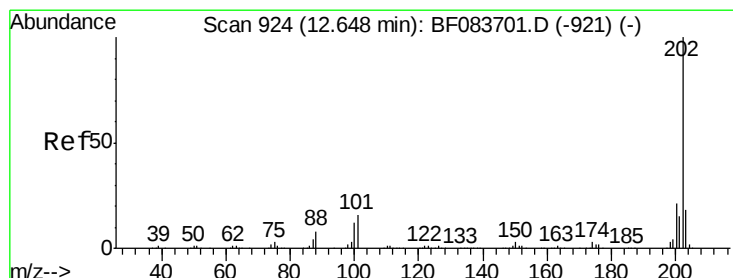
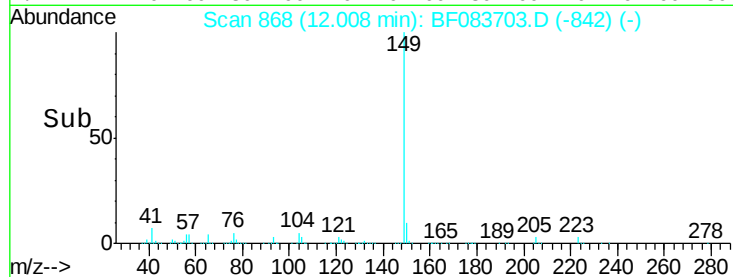
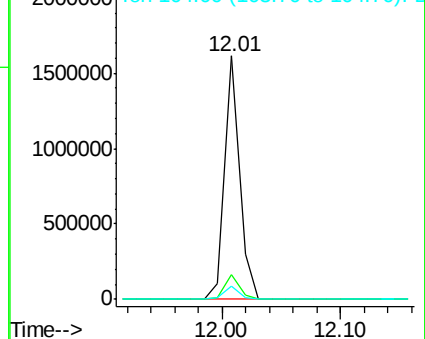
104 5.5 3.9 5.9

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



#74

Fluoranthene

Concen: 53.69 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

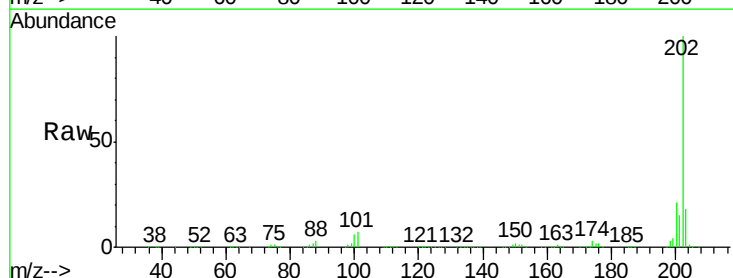
Tgt Ion:202 Resp: 1492678

Ion Ratio Lower Upper

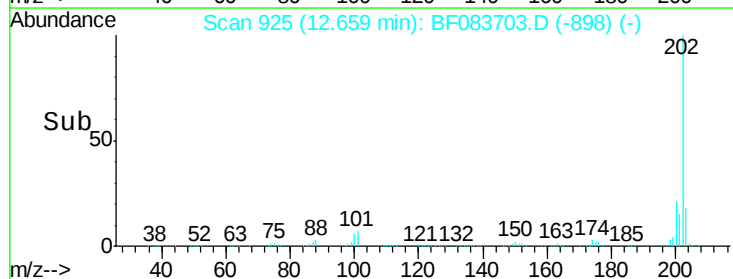
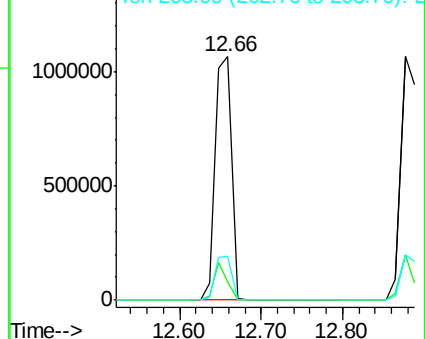
202 100

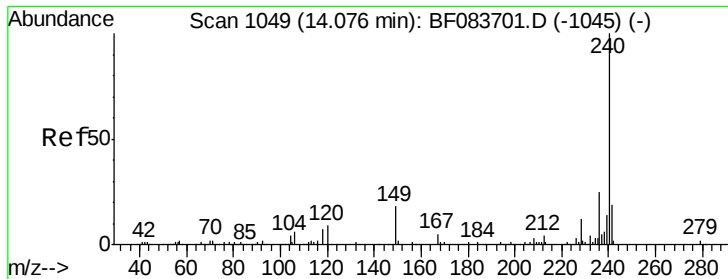
101 7.3 0.0 31.5

203 18.0 0.0 37.6



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

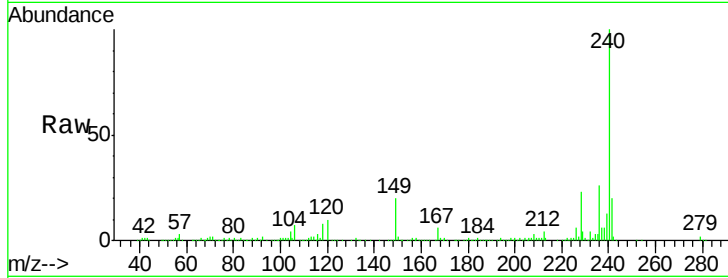
ClientSampleId :

SSTDICC060

Tot Ion:	240	Resp:	316786
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.1	12.1
236	25.7	20.8	31.2

Manual Integrations
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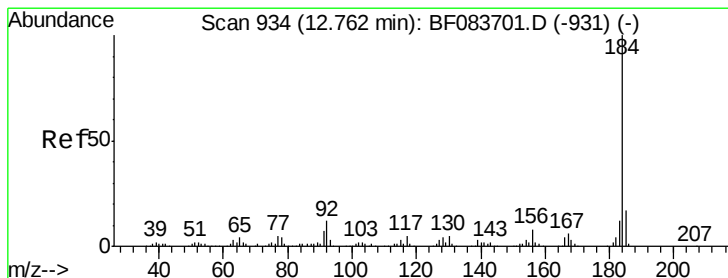
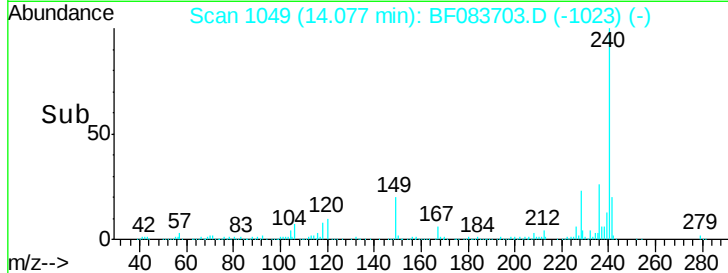
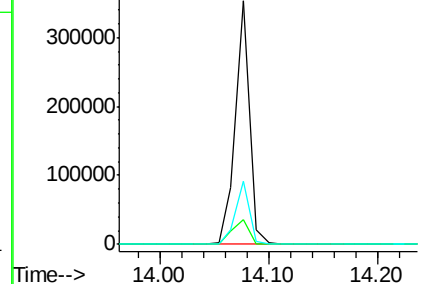
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 72.13 ng

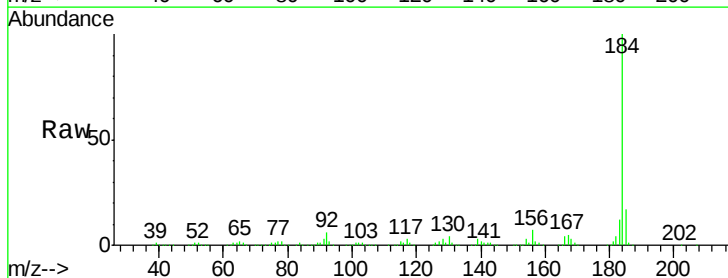
RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

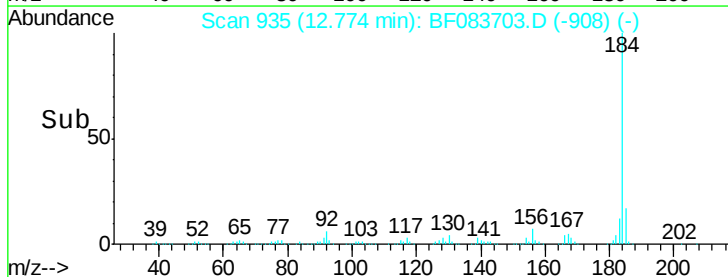
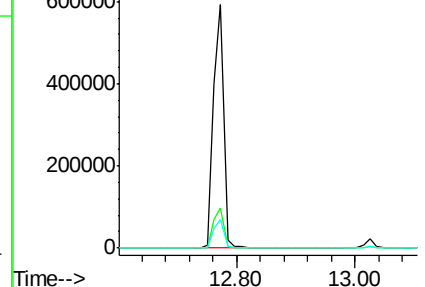
Tgt Ion:	184	Resp:	710703
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.0	19.6
183	12.0	9.0	13.4

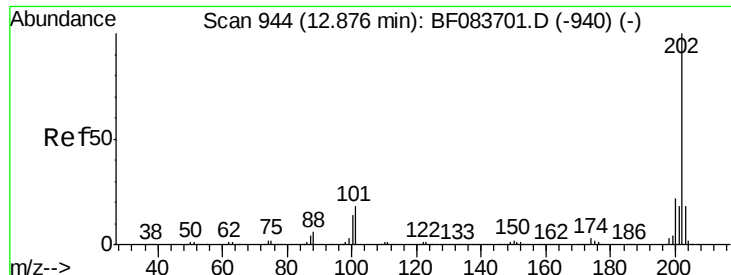


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 63.72 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 1453276

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.7	25.1
203	18.5	14.3	21.5

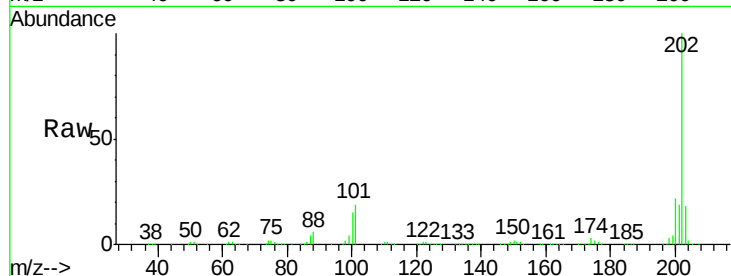
202 100

200 22.3 16.7 25.1

203 18.5 14.3 21.5

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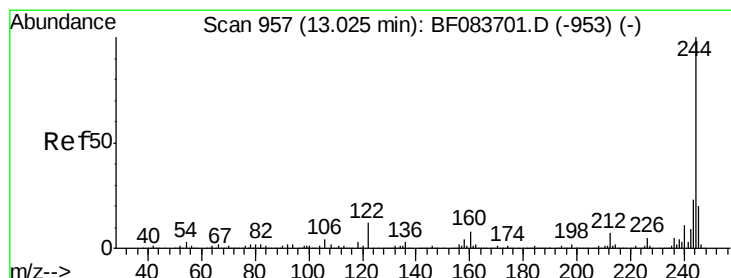
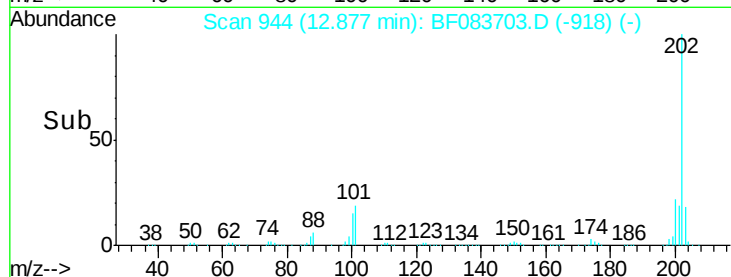
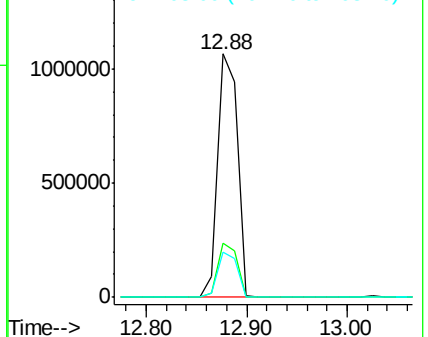
MMdadoda
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 113.19 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

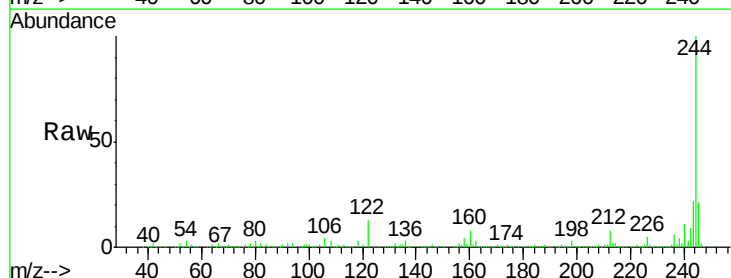
Tgt Ion:244 Resp: 1524000

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	13.0	11.0	16.6

244 100

212 7.7 6.1 9.1

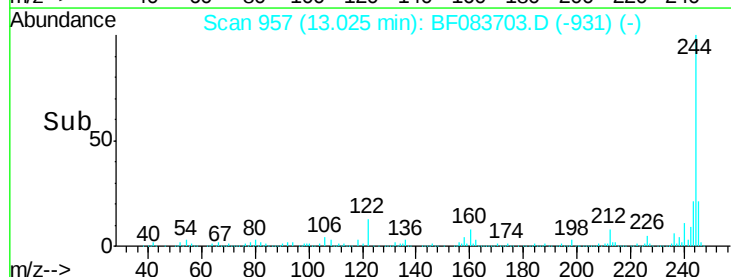
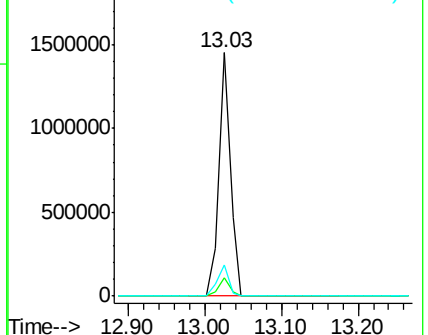
122 13.0 11.0 16.6

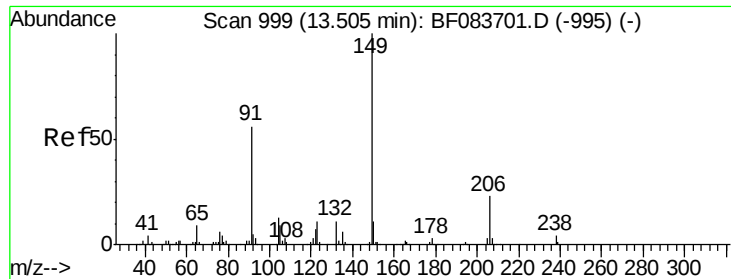


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.35 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

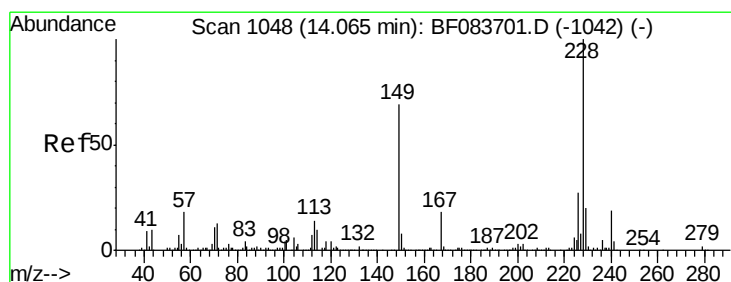
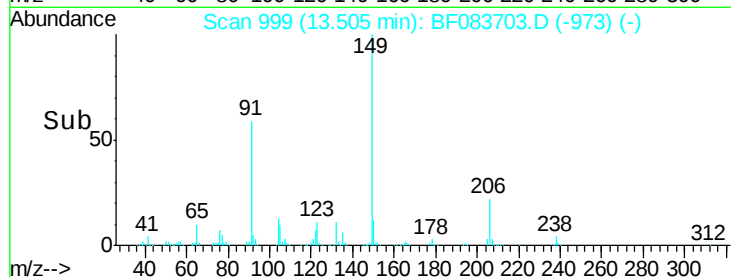
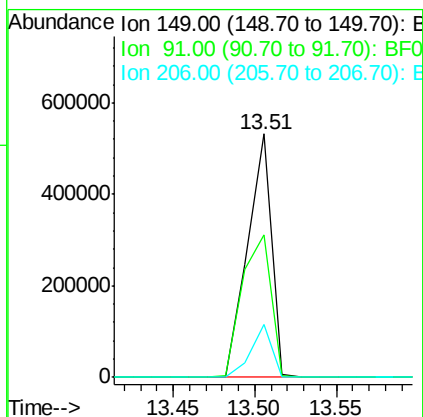
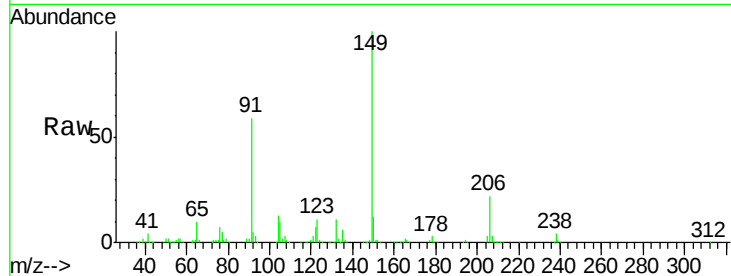
ClientSampleId :

SSTDIC060

Tot Ion:	149	Resp:	540111
Ion Ratio	Lower	Upper	
149	100		
91	58.8	60.0	90.0#
206	21.7	16.2	24.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 55.02 ng

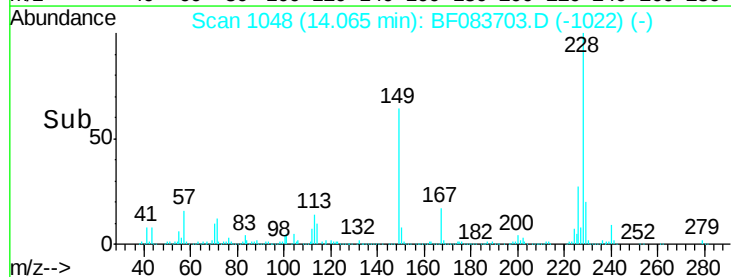
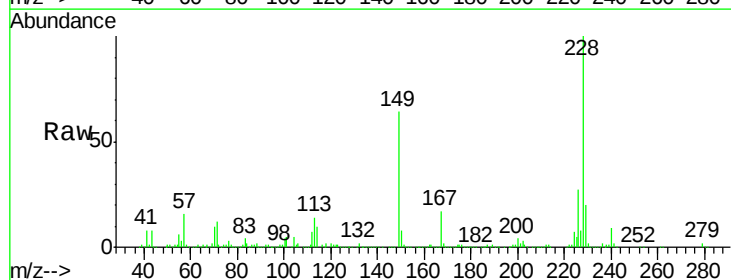
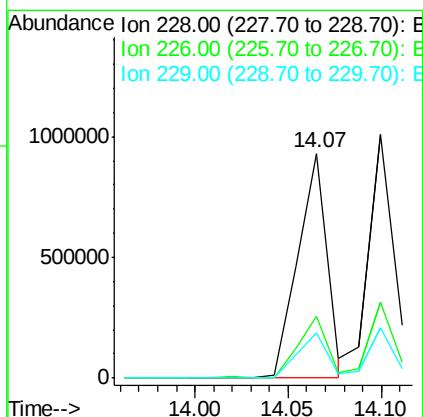
RT: 14.07 min Scan# 1048

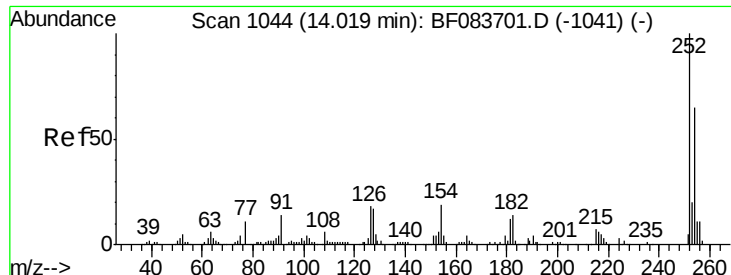
Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:	228	Resp:	1020158
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.3	33.5
229	20.1	15.7	23.5





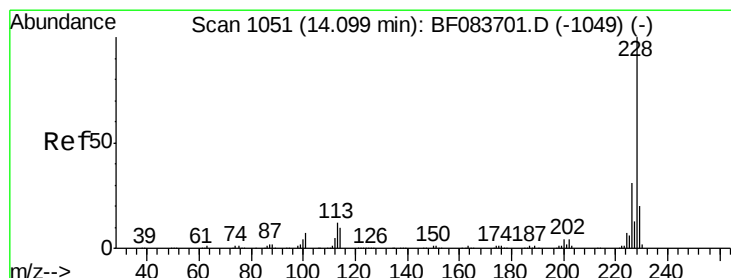
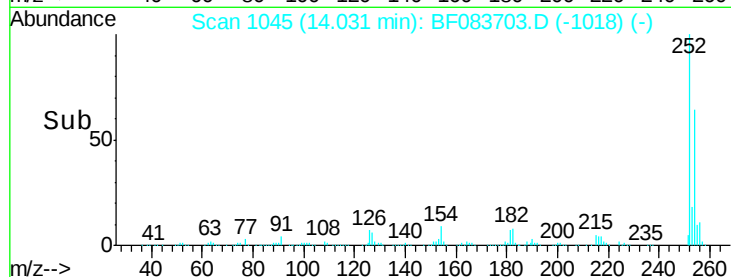
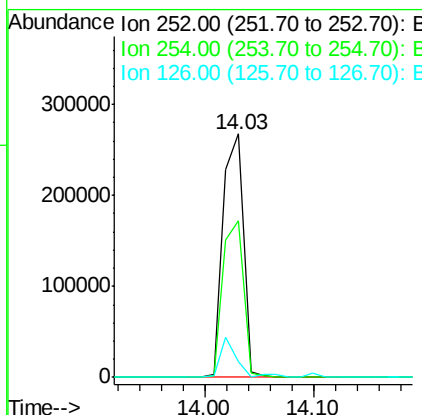
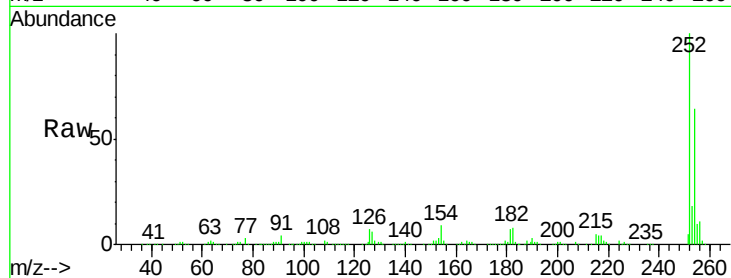
#81
 3,3'-Dichlorobenzidine
 Concen: 56.01 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	50.6	76.0
126	6.7	11.0	16.4

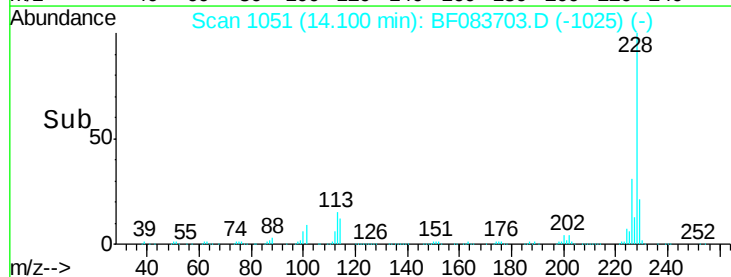
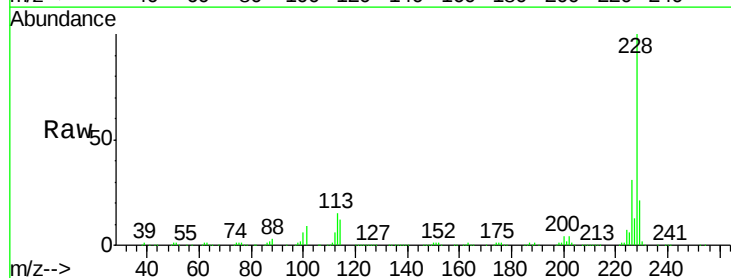
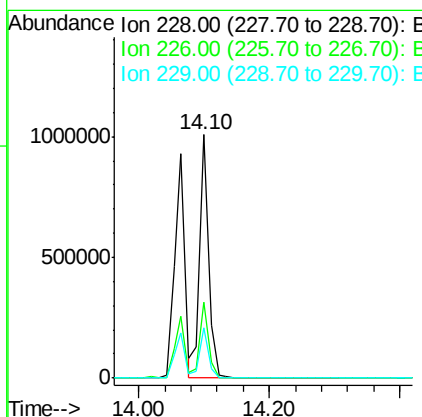
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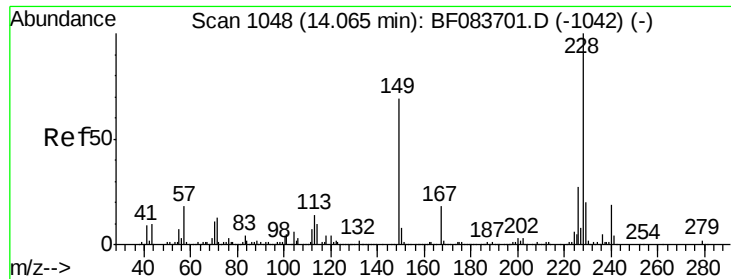
MMdadoda
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#82
 Chrysene
 Concen: 50.93 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.7	37.1
229	20.5	16.3	24.5





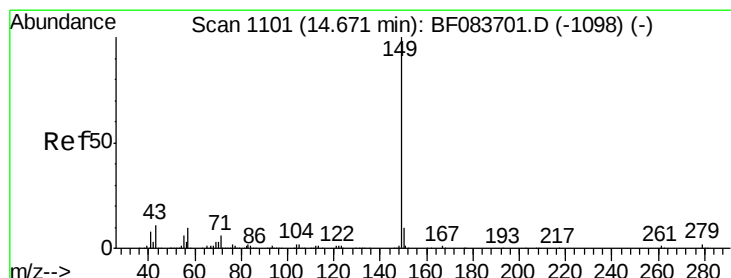
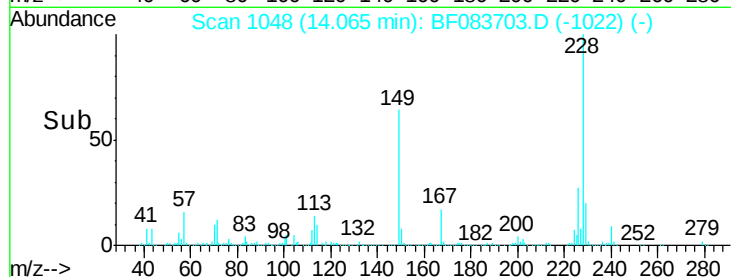
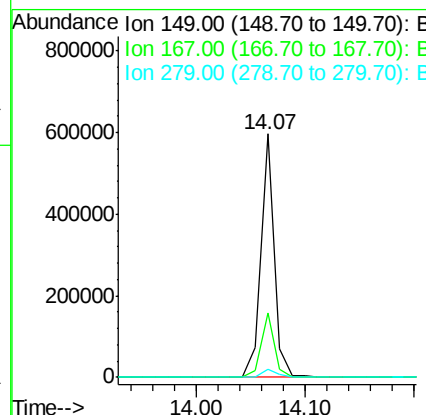
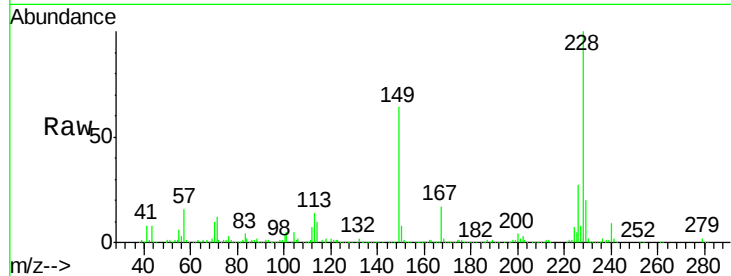
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.62 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	514555		
167	26.2	21.8	32.8	
279	3.2	3.0	4.4	

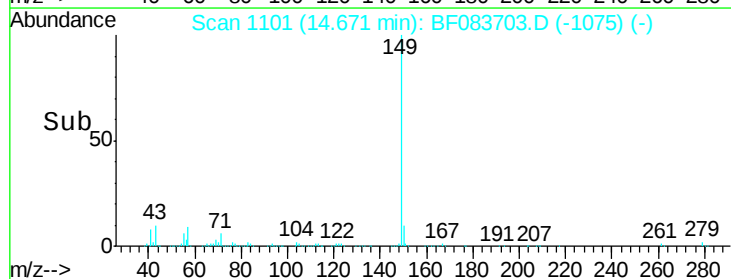
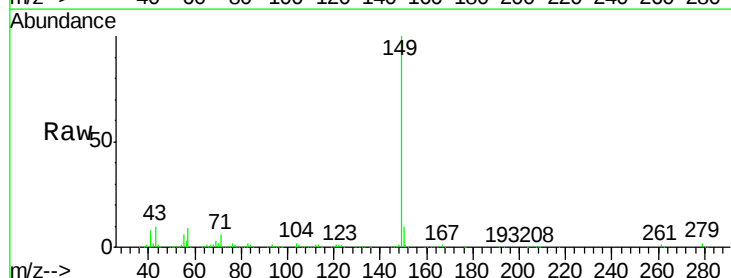
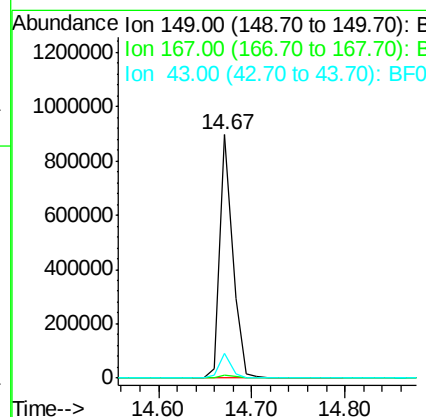
Manual Integrations
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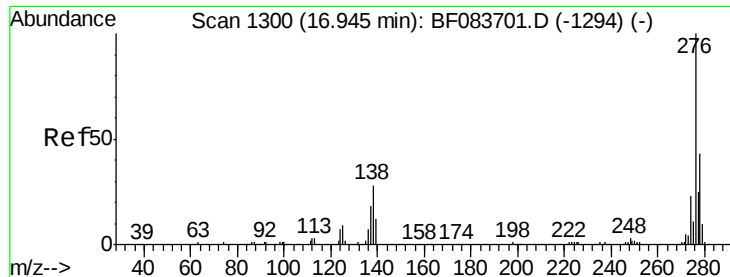
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 39.83 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	855170		
167	1.5	0.0	0.0#	
43	9.8	0.0	0.0#	





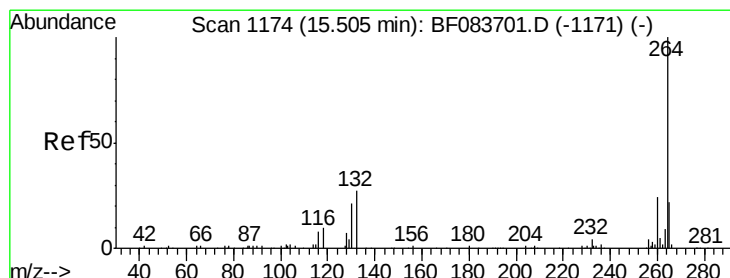
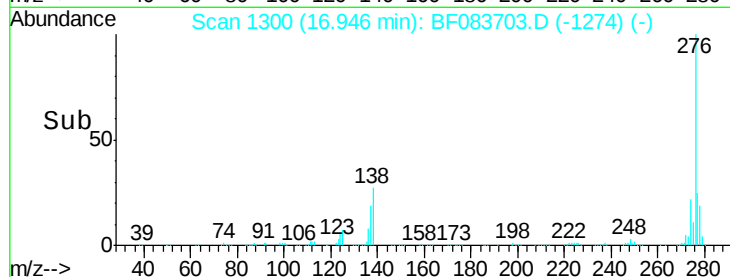
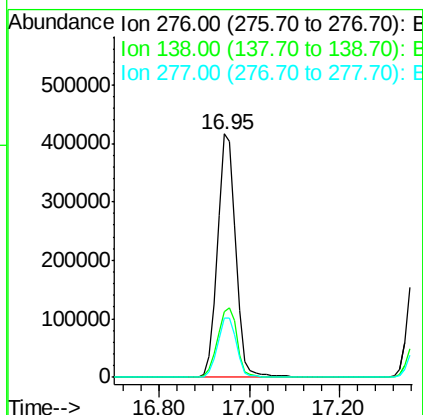
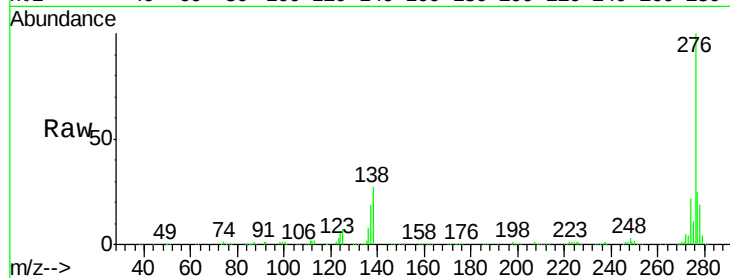
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 93.84 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	0.0	0.0#
277	25.5	0.0	0.0#

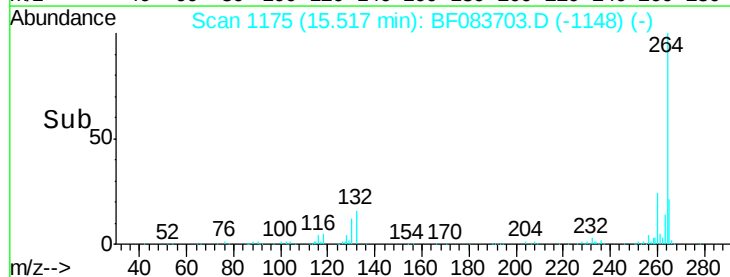
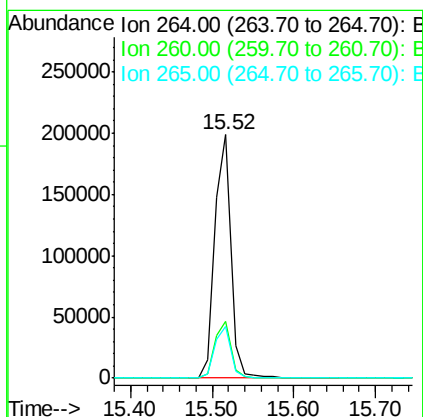
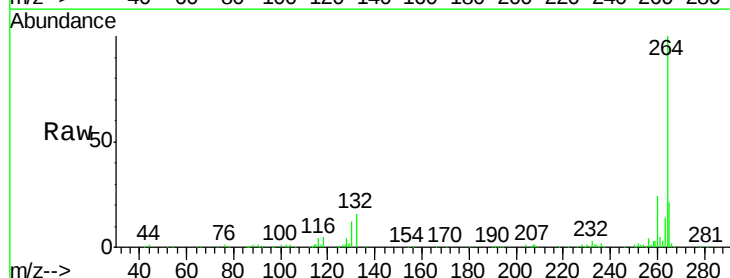
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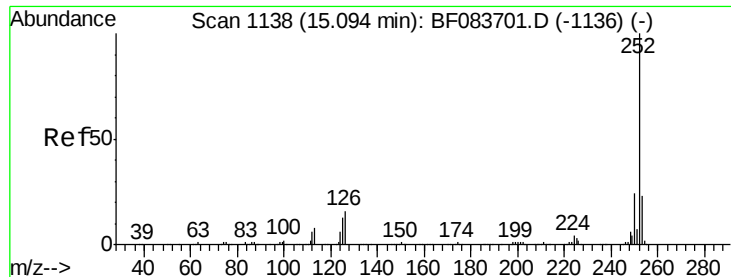
MMdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.2	17.8	26.6





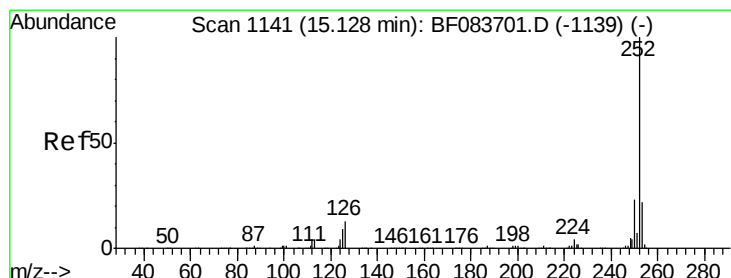
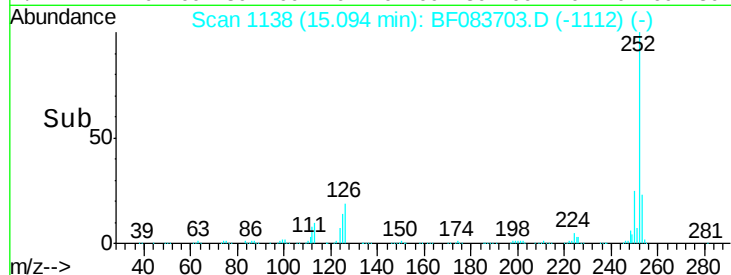
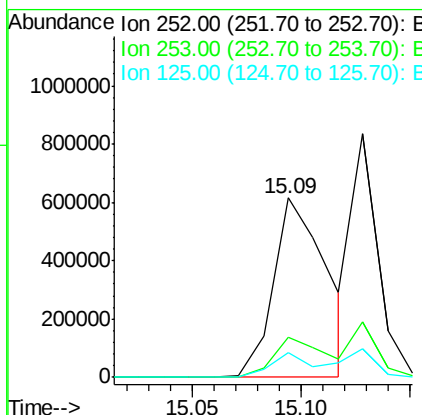
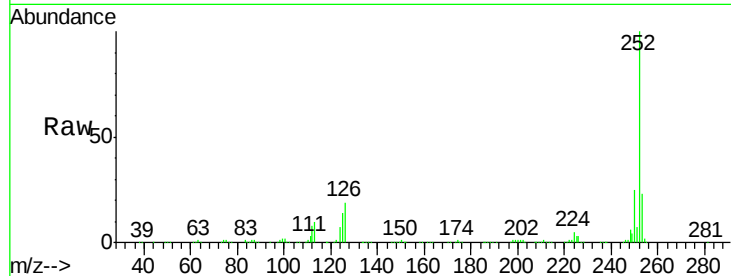
#87
Benzo(b)fluoranthene
Concen: 67.47 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	14.1	8.2	12.4

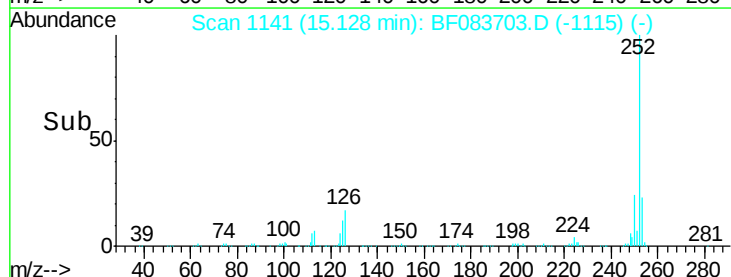
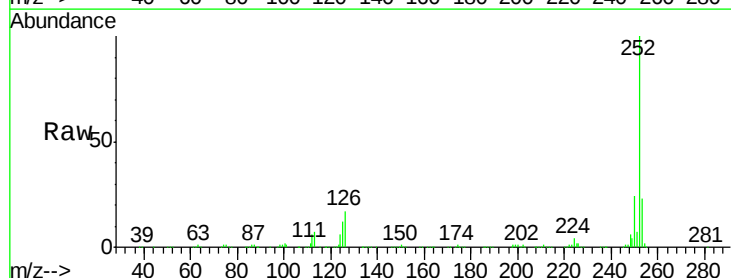
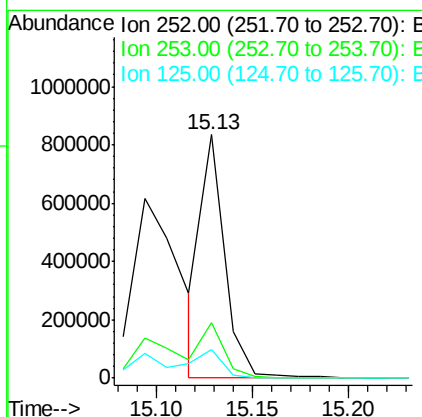
Manual Integrations
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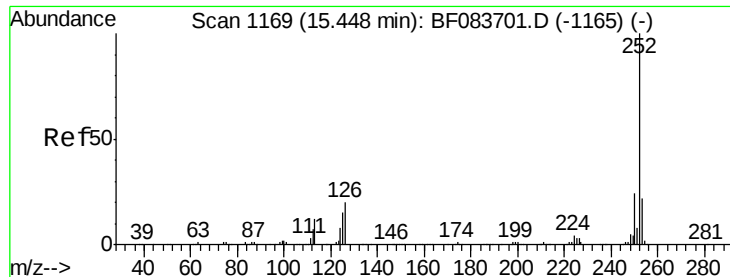
MMdadoda
12/14/2015 6:22:30 PM



#88
Benzo(k)fluoranthene
Concen: 41.26 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	12.0	11.5	17.3





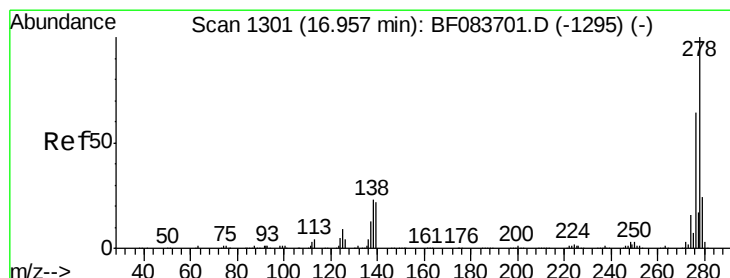
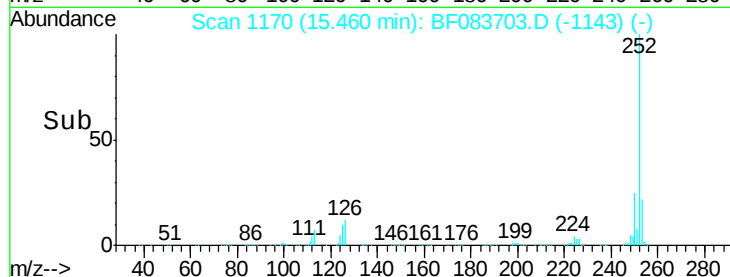
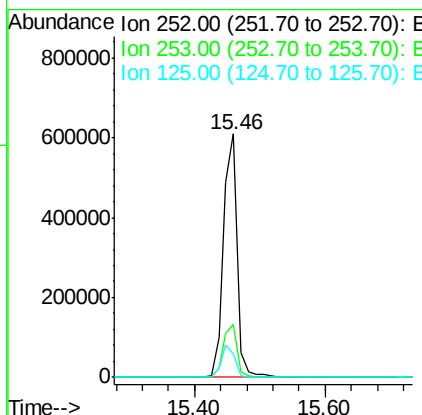
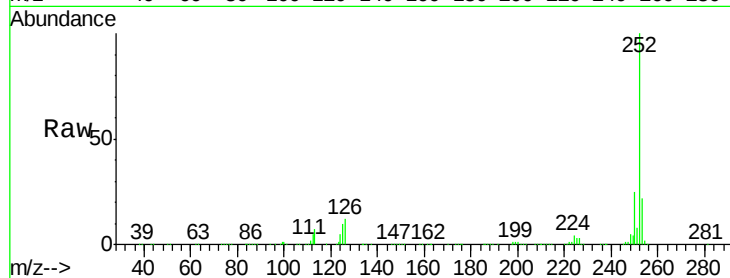
#89
Benzo(a)pyrene
Concen: 58.86 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.9	11.0	16.6

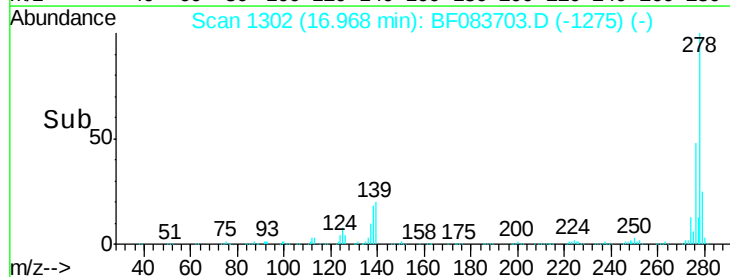
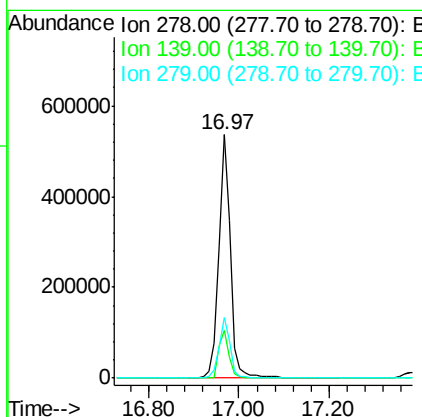
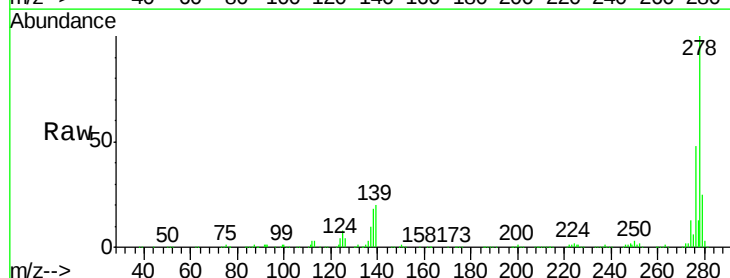
Manual Integrations
APPROVED

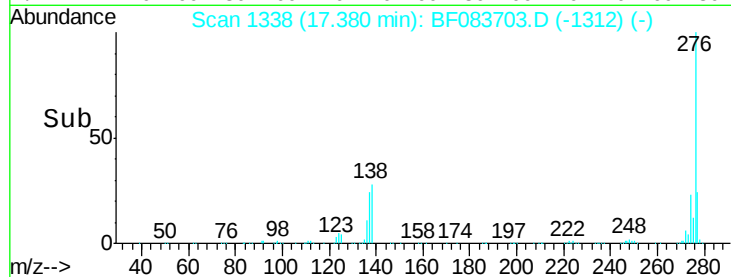
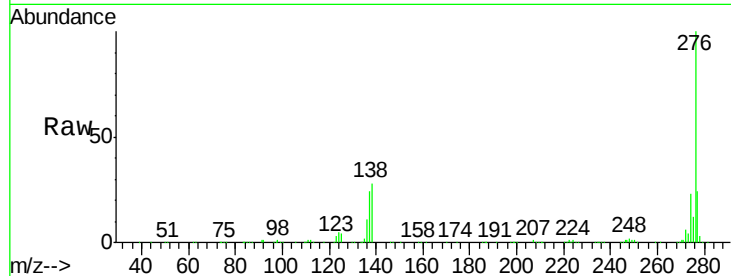
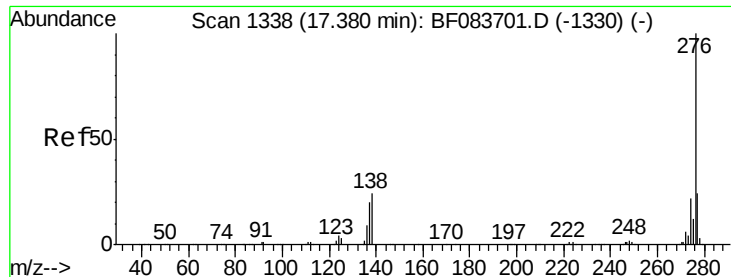
MMdadoda
12/14/2015 6:22:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 83.61 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.8	19.2
279	24.9	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 89.14 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tot Ion: 276 Resp: 1007987

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 28.0 19.5 29.3

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Manual Integrations

APPROVED

MMdadoda

12/14/2015 6:22:30 PM

