

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083502.D
 Acq On : 5 Dec 2015 1:24
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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 12/7/2015 6:30:43 PM

Quant Time: Dec 05 03:53:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	124902	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	484163	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	235788	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	441921	20.00	ng	0.00
75) Chrysene-d12	17.05	240	352612	20.00	ng	0.00
86) Perylene-d12	18.67	264	286113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	876786	105.27	ng	0.00
7) Phenol-d6	5.32	99	1148119	100.76	ng	0.00
23) Nitrobenzene-d5	6.60	82	1068635	97.24	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	234032	99.43	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1731688	103.24	ng	0.00
78) Terphenyl-d14	15.49	244	1605921	106.06	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	220591	49.12	ng	98
3) Pyridine	2.30	79	505094	44.36	ng	97
4) n-Nitrosodimethylamine	2.27	42	291939	53.22	ng	90
6) Aniline	5.32	93	765927	49.12	ng	98
8) 2-Chlorophenol	5.48	128	466343	50.92	ng	98
9) Benzaldehyde	5.16	77	324724	55.08	ng	100
10) Phenol	5.34	94	680136	49.88	ng	79
11) bis(2-Chloroethyl)ether	5.42	93	471603	47.13	ng	97
12) 1,3-Dichlorobenzene	5.69	146	522709	51.16	ng	99
13) 1,4-Dichlorobenzene	5.79	146	529415	50.39	ng	100
14) 1,2-Dichlorobenzene	6.01	146	477738	49.06	ng	98
15) Benzyl Alcohol	6.01	79	411185	47.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	914887	52.03	ng	96
17) 2-Methylphenol	6.20	107	388529	50.76	ng	98
18) Hexachloroethane	6.50	117	187388	51.02	ng	95
19) n-Nitroso-di-n-propylamine	6.41	70	390186	48.58	ng	97
20) 3+4-Methylphenols	6.44	107	517426	50.03	ng	89
22) Acetophenone	6.38	105	720715	50.01	ng	# 98
24) Nitrobenzene	6.62	77	583650	49.67	ng	98
25) Isophorone	7.00	82	1029370	48.58	ng	98
26) 2-Nitrophenol	7.10	139	235557	48.94	ng	94
27) 2,4-Dimethylphenol	7.23	122	418958	52.25	ng	99
28) bis(2-Chloroethoxy)methane	7.36	93	571665	47.16	ng	99
29) 2,4-Dichlorophenol	7.50	162	380362	49.15	ng	99
30) 1,2,4-Trichlorobenzene	7.60	180	407056	48.45	ng	100
31) Naphthalene	7.71	128	1323076	50.10	ng	99
32) Benzoic acid	7.50	122	221055	40.75	ng	97
33) 4-Chloroaniline	7.84	127	534290	48.01	ng	# 92
34) Hexachlorobutadiene	7.93	225	241871	50.34	ng	97
35) Caprolactam	8.44	113	120767	49.94	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	424848	49.14	ng	92
37) 2-Methylnaphthalene	8.81	142	818312	47.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	391930	51.77	ng	# 100
40) Hexachlorocyclopentadiene	9.07	237	136369	40.61	ng	96

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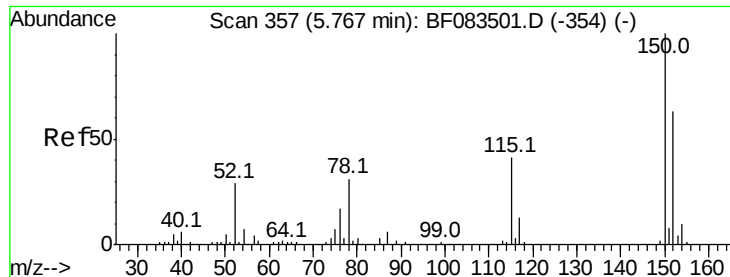
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	259285	49.78	nq	96
43) 2,4,5-Trichlorophenol	9.37	196	259823	48.50	nq	97
45) 1,1'-Biphenyl	9.57	154	1076781	51.75	nq	100
46) 2-Chloronaphthalene	9.58	162	802535	50.59	nq	98
47) 2-Nitroaniline	9.78	65	300230	48.95	nq	98
48) Acenaphthylene	10.24	152	1323497	52.07	nq	100
49) Dimethylphthalate	10.12	163	951465	49.18	nq	99
50) 2,6-Dinitrotoluene	10.20	165	212436	52.06	nq #	78
51) Acenaphthene	10.52	154	753981	50.67	nq	98
52) 3-Nitroaniline	10.46	138	227496	48.69	nq	79
53) 2,4-Dinitrophenol	10.65	184	92229	44.31	nq	94
54) Dibenzofuran	10.81	168	1067072	49.12	nq	99
55) 4-Nitrophenol	10.82	139	122282m	42.32	nq	
56) 2,4-Dinitrotoluene	10.85	165	283490	54.37	nq #	75
57) Fluorene	11.36	166	917046	52.80	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	200984	46.75	nq #	100
59) Diethylphthalate	11.26	149	919729	50.19	nq	96
60) 4-Chlorophenyl-phenylether	11.38	204	442088	55.43	nq	99
61) 4-Nitroaniline	11.46	138	212534	45.83	nq	93
62) Azobenzene	11.64	77	951458	44.14	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	157153	53.83	nq #	71
65) n-Nitrosodiphenylamine	11.60	169	756418	49.09	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	248751	51.32	nq	98
67) Hexachlorobenzene	12.24	284	269776	50.65	nq	98
68) Atrazine	12.51	200	234460	53.45	nq	97
69) Pentachlorophenol	12.59	266	116976	43.36	nq	99
70) Phenanthrene	12.90	178	1308457	49.96	nq	99
71) Anthracene	12.98	178	1339989	50.64	nq	100
72) Carbazole	13.28	167	1179322	49.87	nq	99
73) Di-n-butylphthalate	13.91	149	1453858	51.56	nq	99
74) Fluoranthene	14.82	202	1334969	49.28	nq	99
76) Benzidine	15.08	184	668663	61.25	nq	99
77) Pyrene	15.17	202	1358384	54.11	nq	98
79) Butylbenzylphthalate	16.32	149	565513	53.19	nq	95
80) Benzo(a)anthracene	17.04	228	1033341	47.82	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	347346	51.18	nq	98
82) Chrysene	17.08	228	1045103	49.67	nq	98
83) Bis(2-ethylhexyl)phthalate	17.16	149	730325	51.45	nq	99
84) Di-n-octyl phthalate	17.92	149	1050273	50.61	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	945581	60.31	nq #	100
87) Benzo(b)fluoranthene	18.29	252	778149m	42.85	nq	
88) Benzo(k)fluoranthene	18.33	252	860918m	49.61	nq	
89) Benzo(a)pyrene	18.63	252	790867	49.92	nq #	95
90) Dibenzo(a,h)anthracene	19.93	278	788413	55.83	nq	97
91) Benzo(g,h,i)perylene	20.28	276	794867	56.94	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

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BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 124902

Ion Ratio Lower Upper

152 100

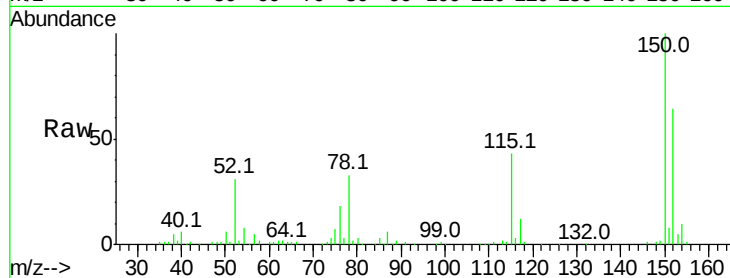
150 156.8 126.5 189.7

115 68.1 52.3 78.5

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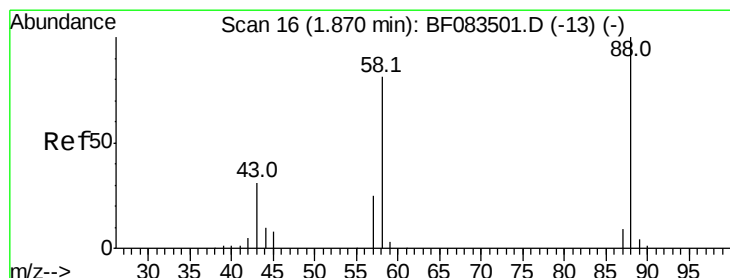
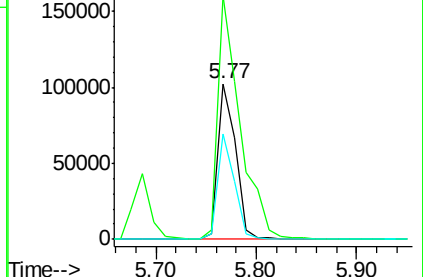
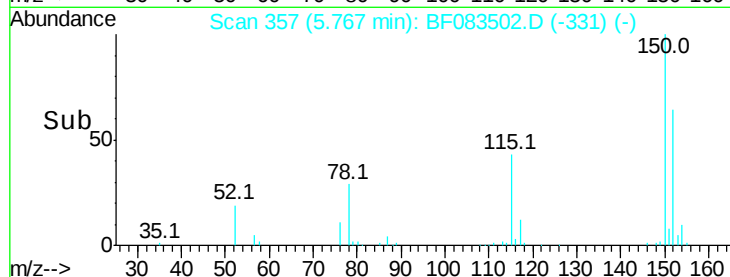
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.12 ng

RT: 1.86 min Scan# 15

Delta R.T. -0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

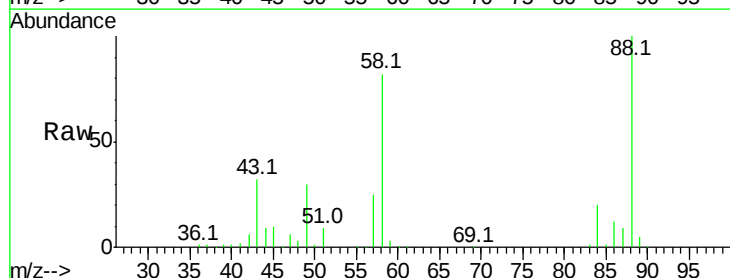
Tgt Ion: 88 Resp: 220591

Ion Ratio Lower Upper

88 100

58 83.6 68.0 102.0

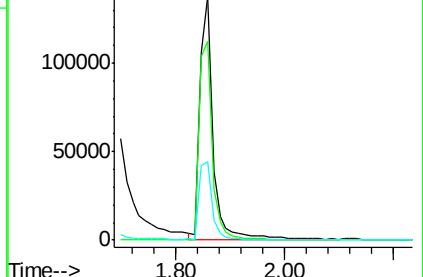
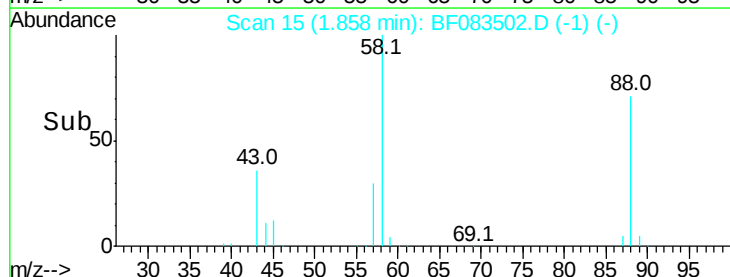
43 33.5 27.9 41.9

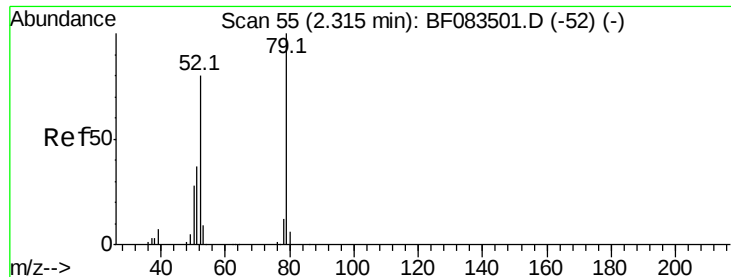


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





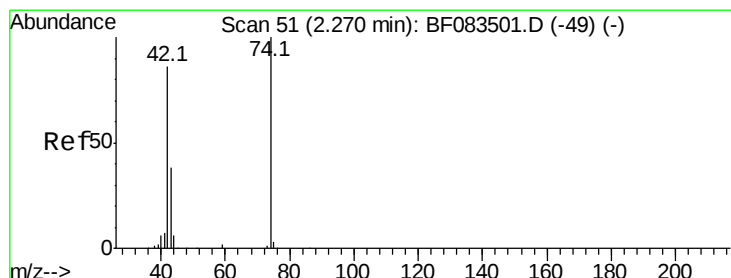
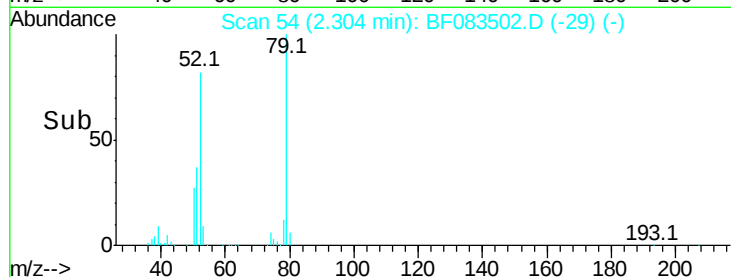
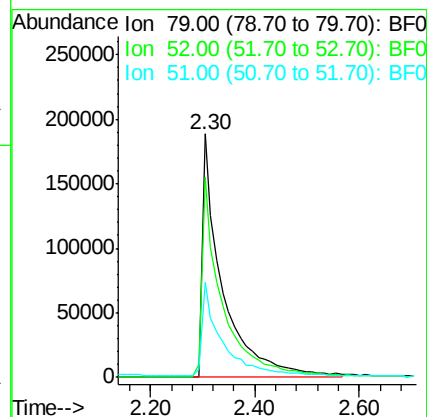
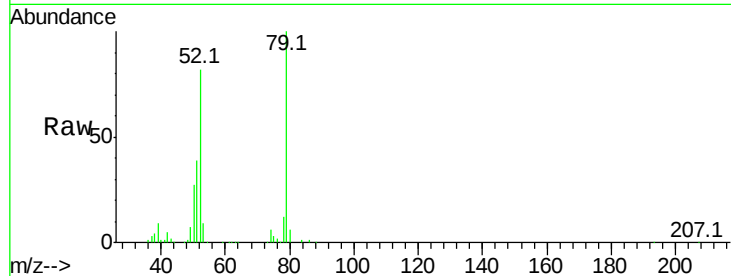
#3
 Pvridine
 Concen: 44.36 ng
 RT: 2.30 min Scan# 54
 Delta R.T. -0.01 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.4	63.7	95.5
51	38.9	30.6	45.8

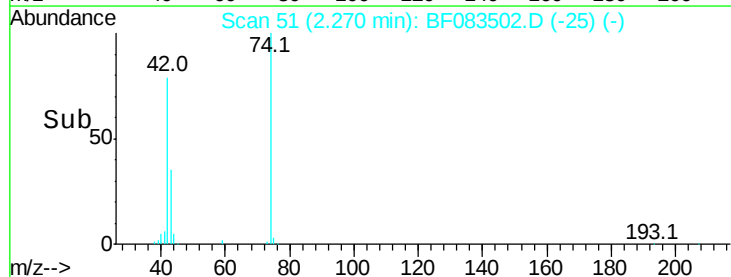
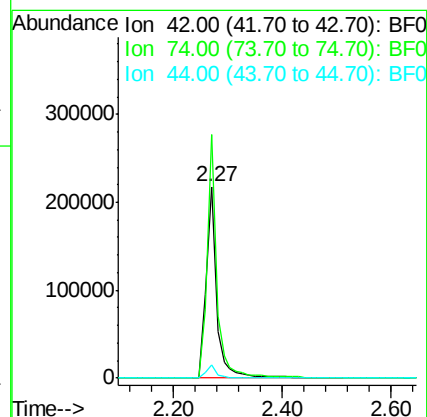
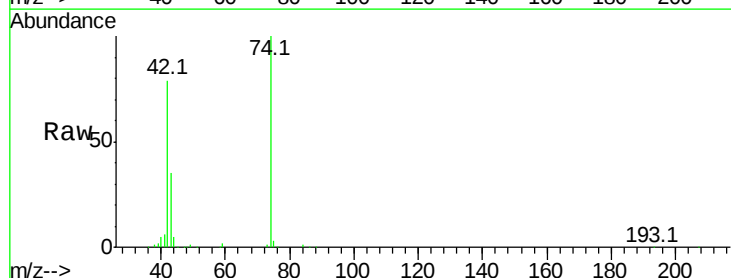
Manual Integrations
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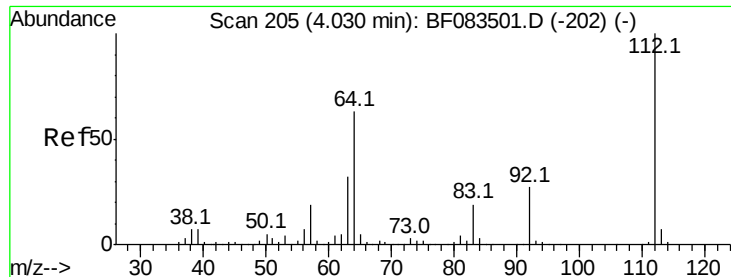
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#4
 n-Nitrosodimethylamine
 Concen: 53.22 ng
 RT: 2.27 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.1	92.9	139.3
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 105.27 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

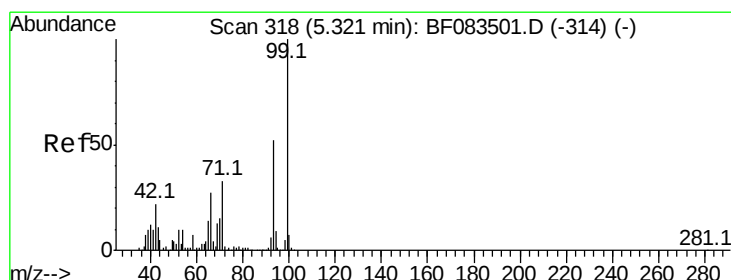
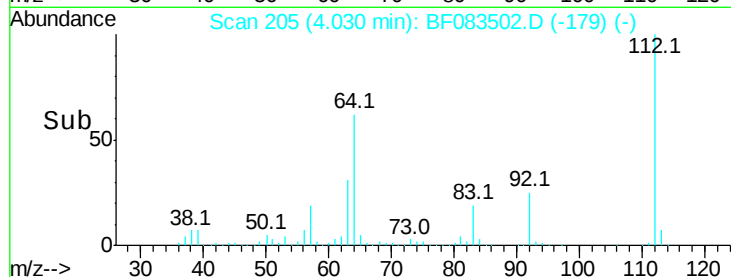
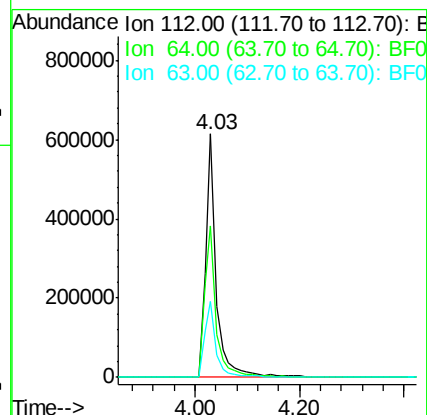
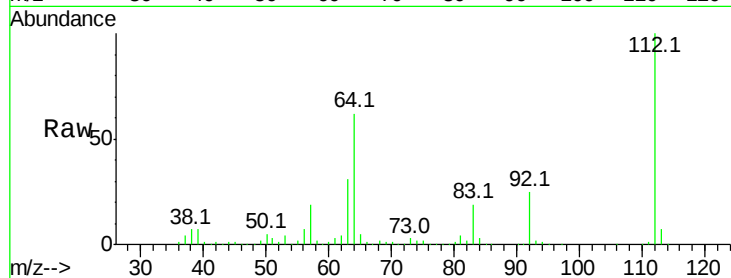
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	876786
Ion Ratio	Lower	Upper	
112	100		
64	62.0	50.5	75.7
63	31.4	25.8	38.6

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#6

Aniline

Concen: 49.12 ng

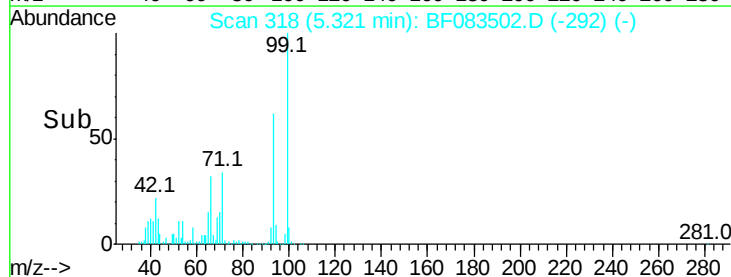
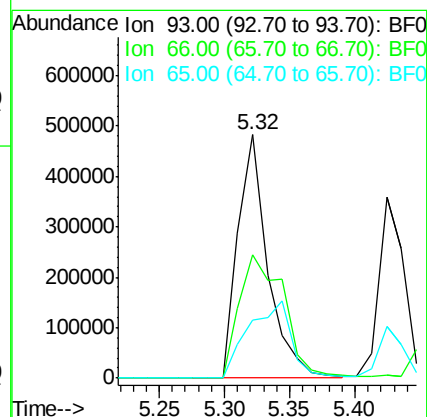
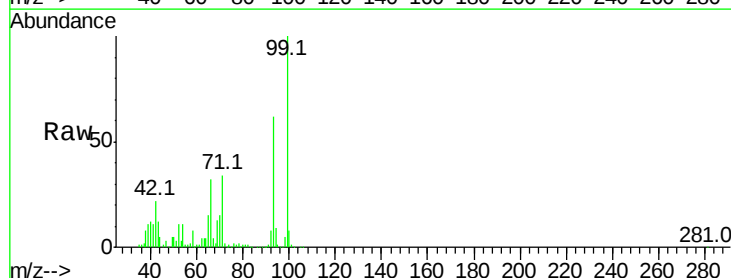
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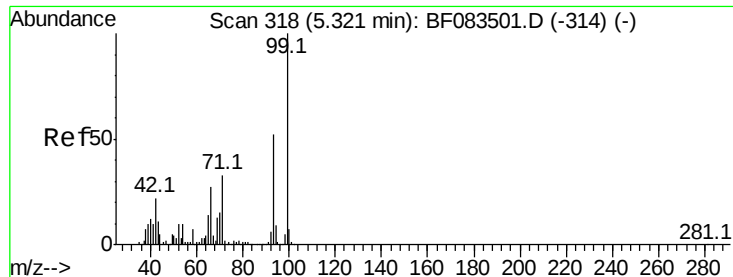
Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion:	93	Resp:	765927
Ion Ratio	Lower	Upper	
93	100		
66	50.9	41.3	61.9
65	23.8	20.8	31.2





#7

Phenol-d6

Concen: 100.76 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 1148119

Ion Ratio Lower Upper

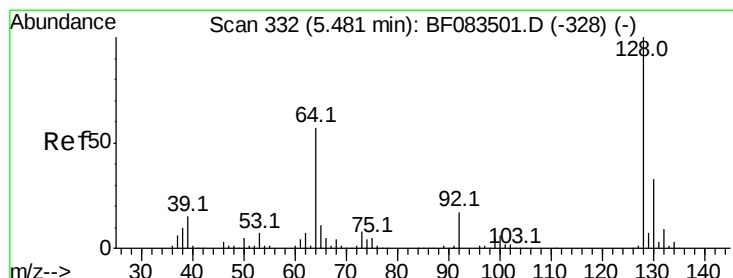
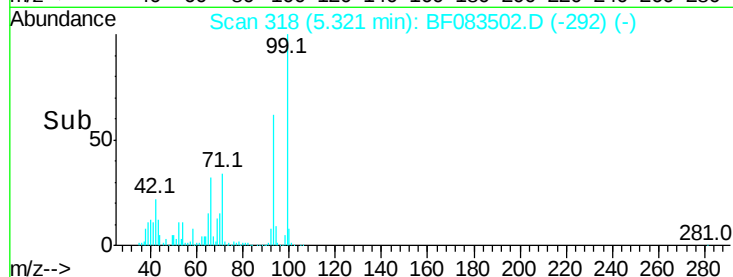
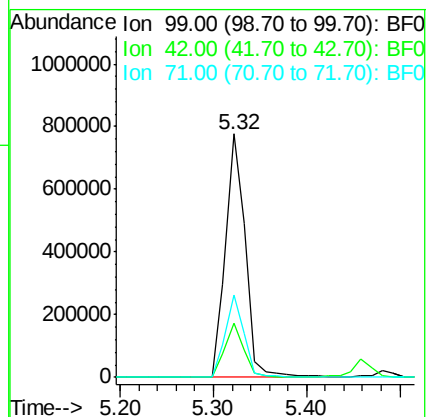
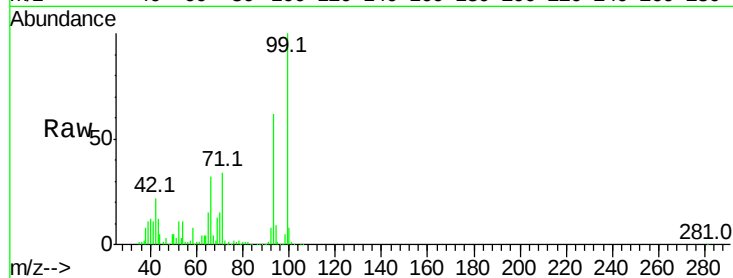
99 100

42 22.3 17.3 25.9

71 33.6 26.6 40.0

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#8

2-Chlorophenol

Concen: 50.92 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

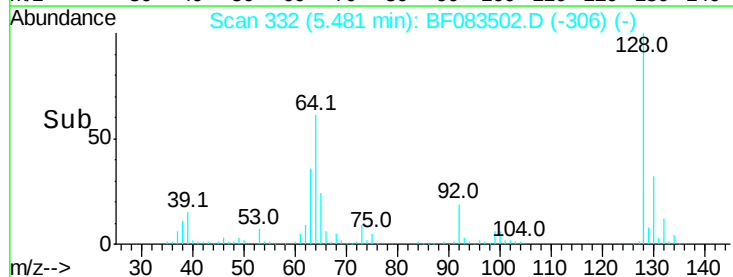
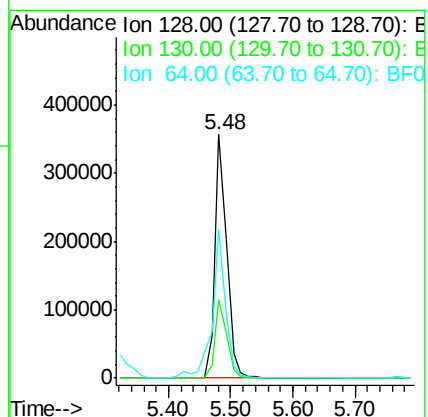
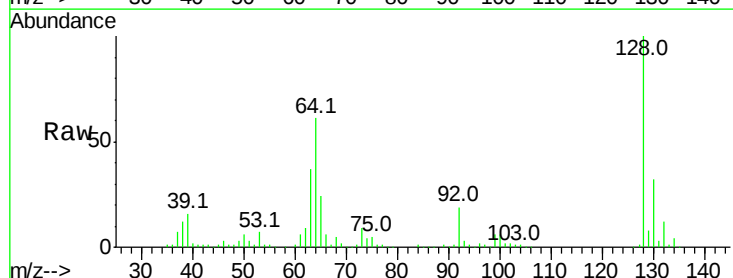
Tgt Ion: 128 Resp: 466343

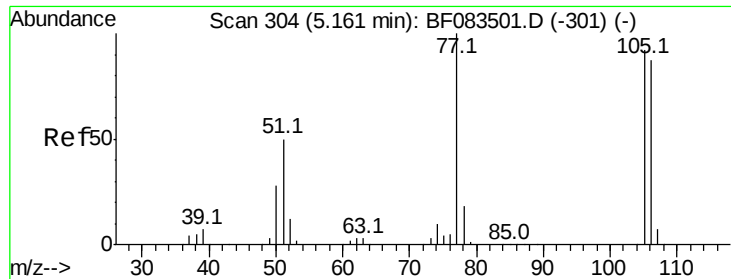
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 61.0 38.6 78.6





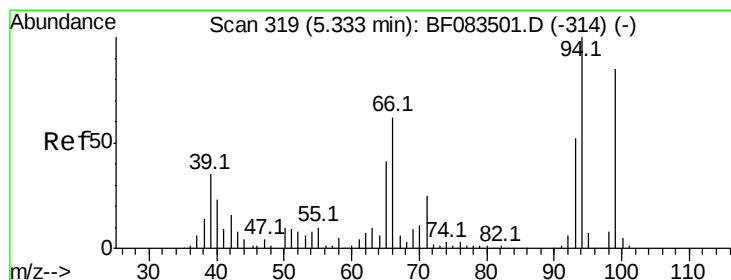
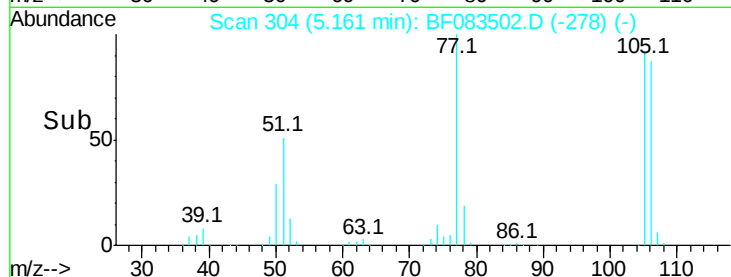
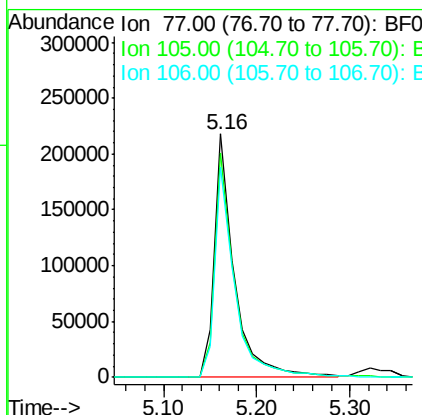
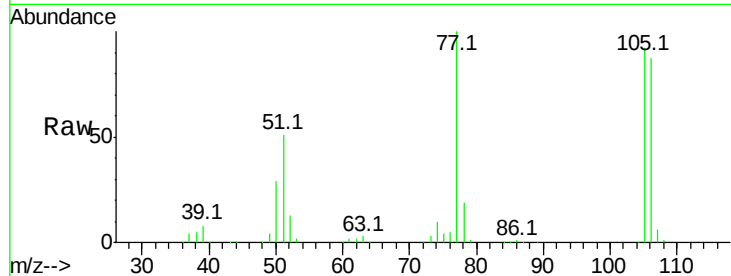
#9
Benzaldehyde
Concen: 55.08 ng
RT: 5.16 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 77 Resp: 324724
Ion Ratio Lower Upper
77 100
105 92.3 71.8 111.8
106 86.6 66.8 106.8

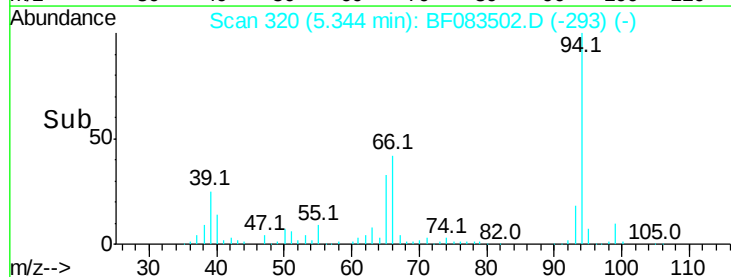
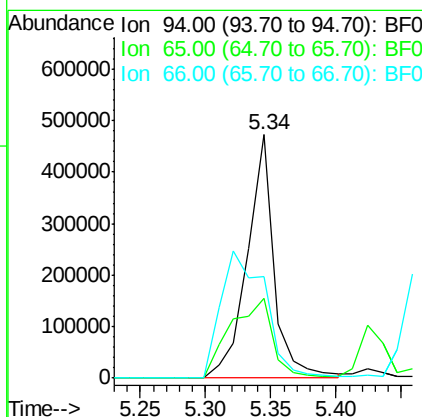
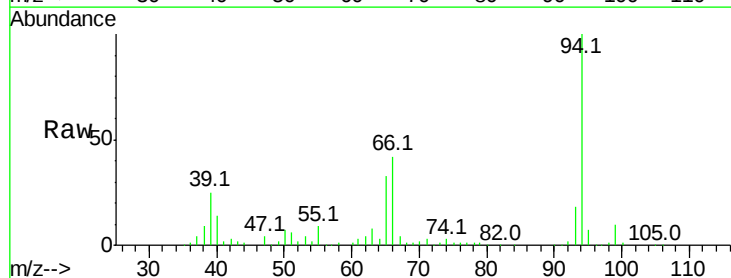
Manual Integrations
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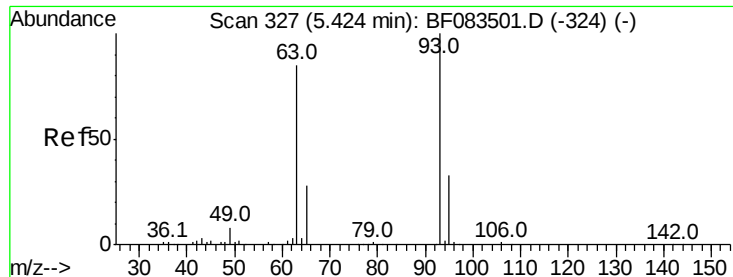
Mmdadoda
12/7/2015 6:30:43 PM



#10
Phenol
Concen: 49.88 ng
RT: 5.34 min Scan# 320
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion: 94 Resp: 680136
Ion Ratio Lower Upper
94 100
65 32.6 20.9 60.9
66 41.6 41.6 81.6





#11

bis(2-Chloroethyl)ether

Concen: 47.13 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

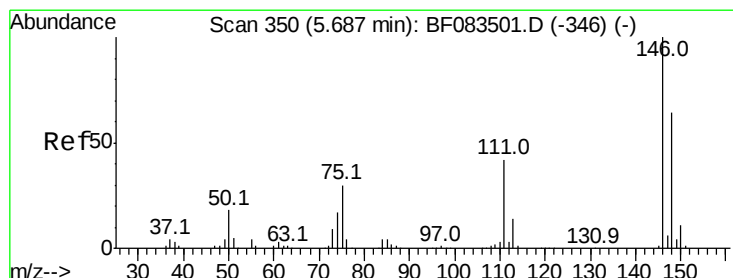
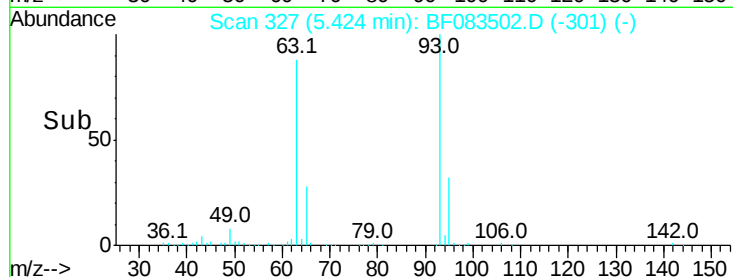
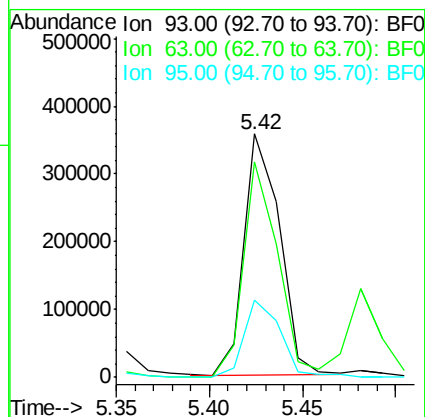
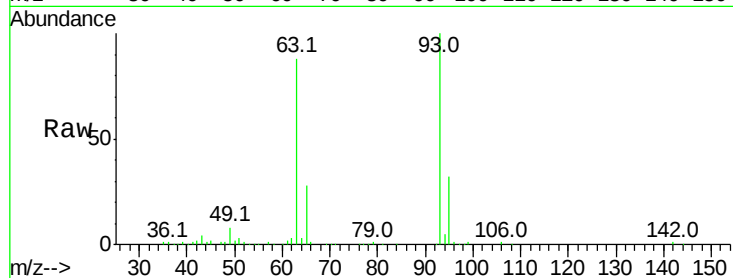
ClientSampleId :

SSTDICC050

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Tot Ion:	93	Resp:	471603
Ion Ratio	Lower	Upper	
93	100		
63	88.4	64.7	104.7
95	31.8	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 51.16 ng

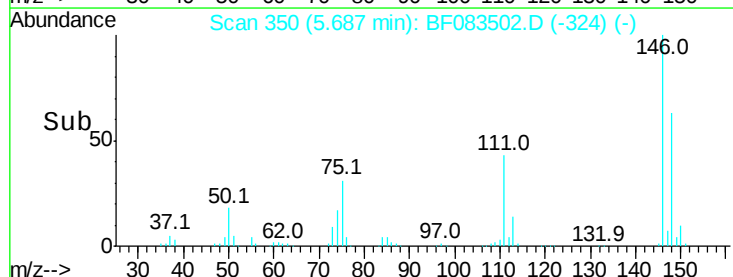
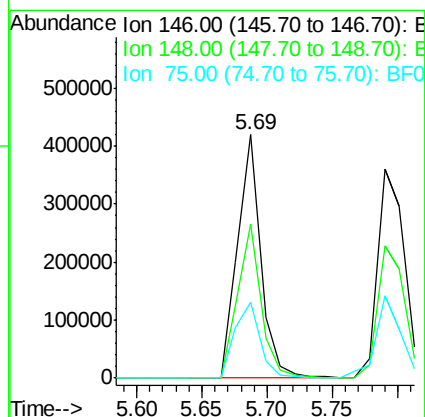
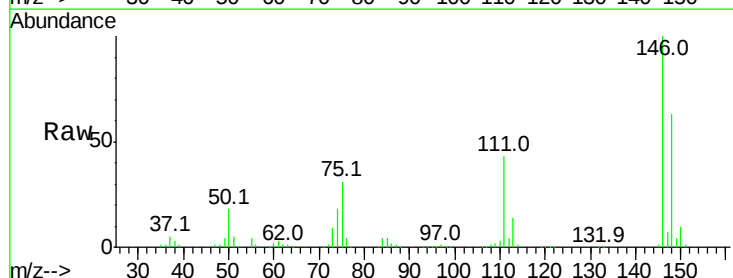
RT: 5.69 min Scan# 350

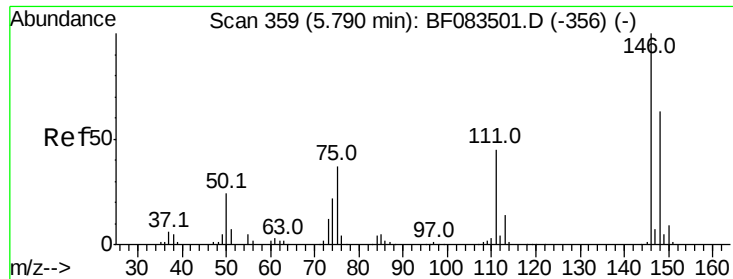
Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion:	146	Resp:	522709
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.3	76.9
75	31.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 50.39 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

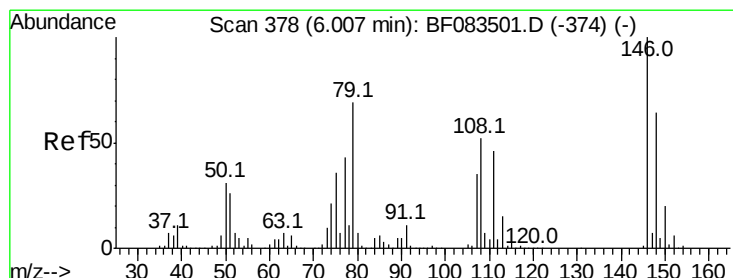
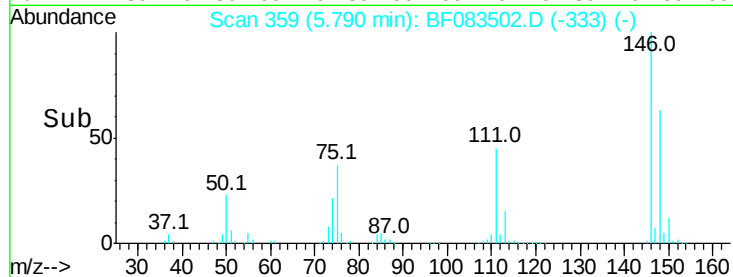
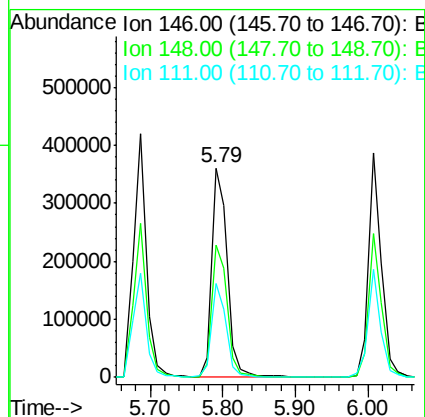
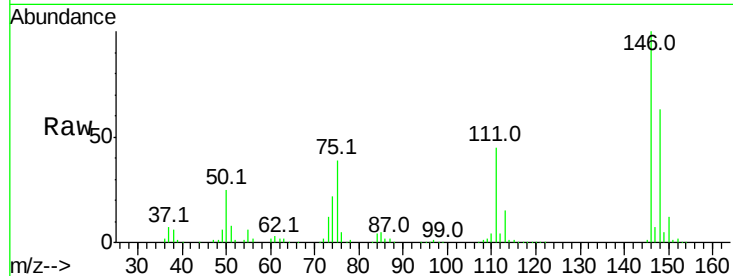
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	529415
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	45.0	36.1	54.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 49.06 ng

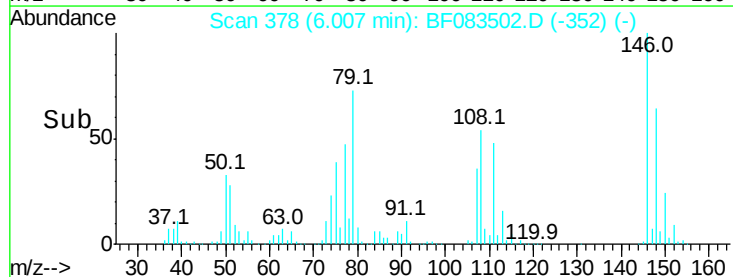
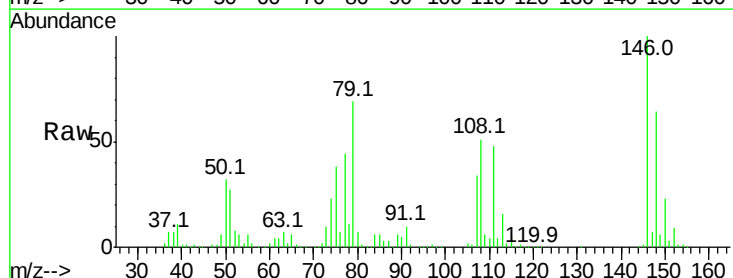
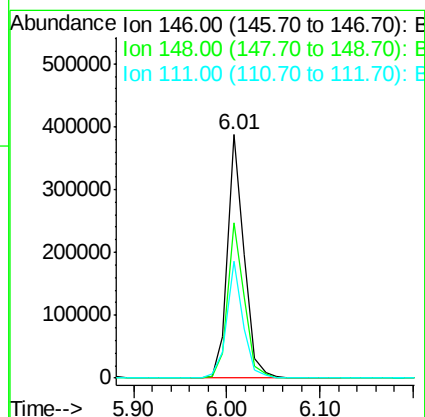
RT: 6.01 min Scan# 378

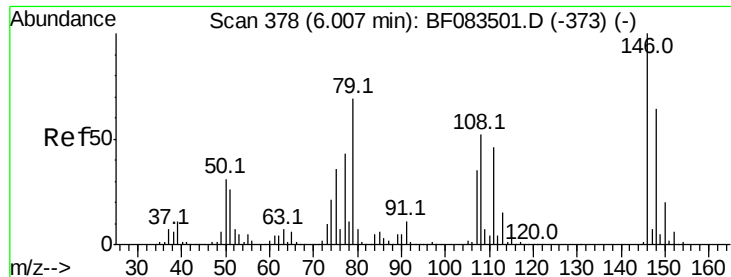
Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion:	146	Resp:	477738
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.0
111	48.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 47.32 ng

RT: 6.01 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 411185

Ion Ratio Lower Upper

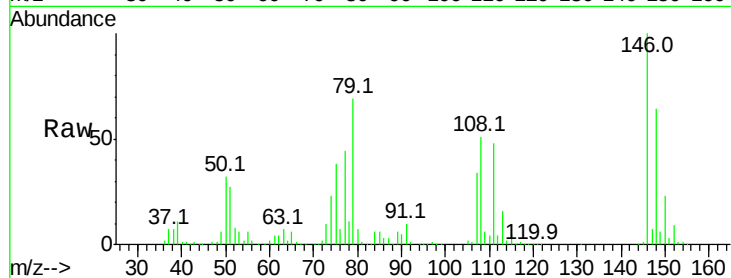
79 100

108 74.1 59.6 89.4

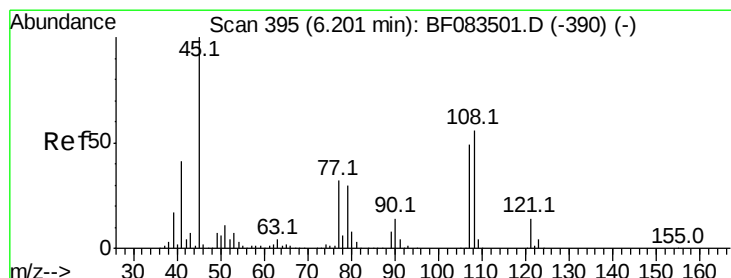
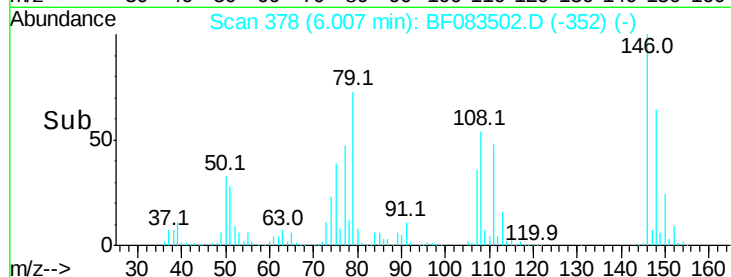
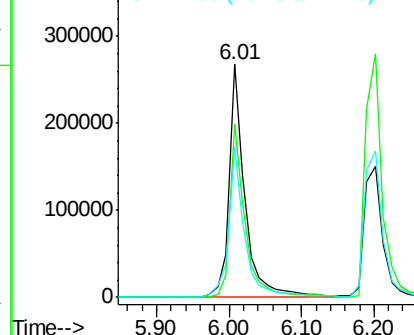
77 64.3 49.8 74.6

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.03 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

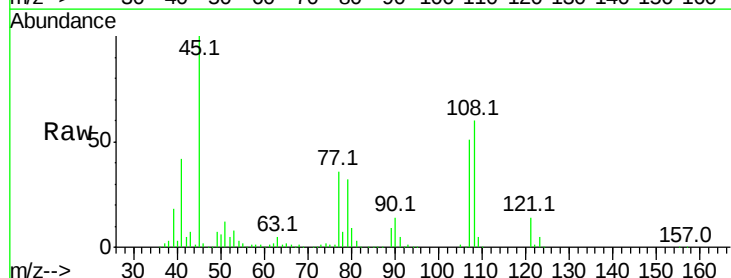
Tgt Ion: 45 Resp: 914887

Ion Ratio Lower Upper

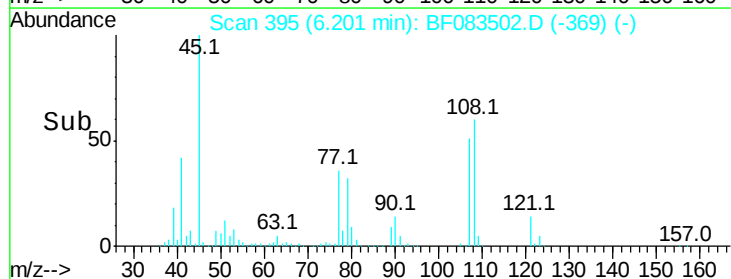
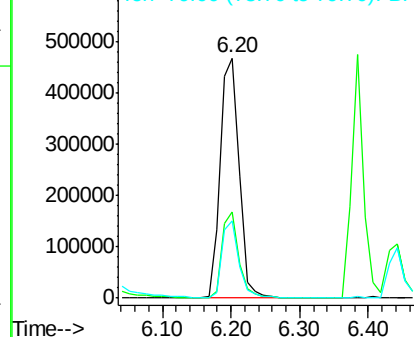
45 100

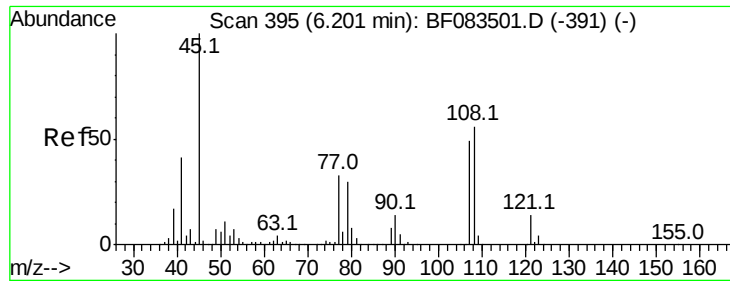
77 35.8 12.8 52.8

79 32.1 10.7 50.7



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





#17

2-Methylphenol

Concen: 50.76 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 388529
Ion Ratio Lower Upper

107 100

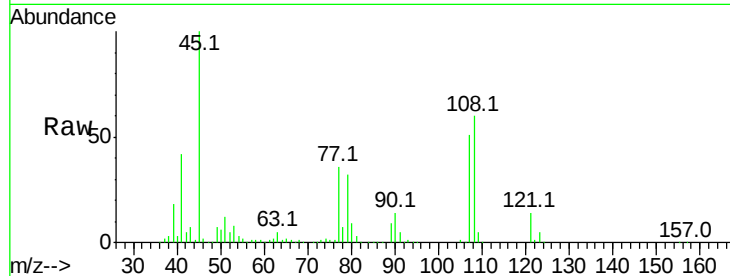
108 116.6 91.6 137.4

77 70.0 53.7 80.5

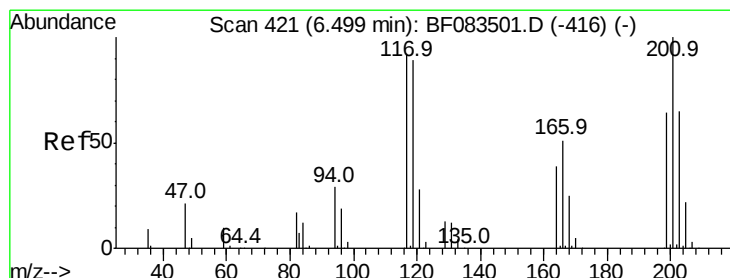
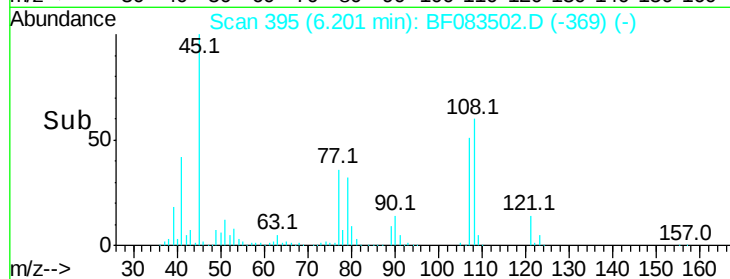
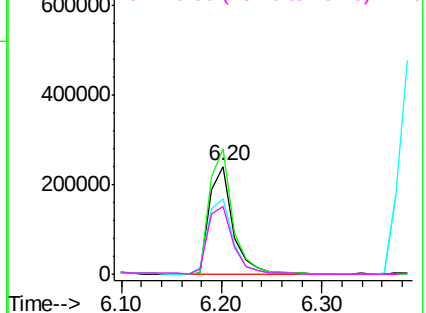
79 62.8 50.2 75.4

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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: 51.02 ng

RT: 6.50 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF083502.D

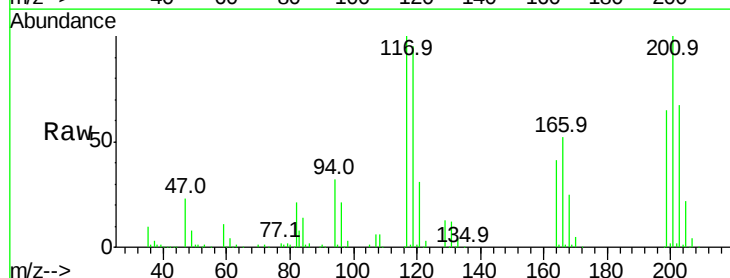
Acq: 5 Dec 2015 1:24

Tgt Ion:117 Resp: 187388
Ion Ratio Lower Upper

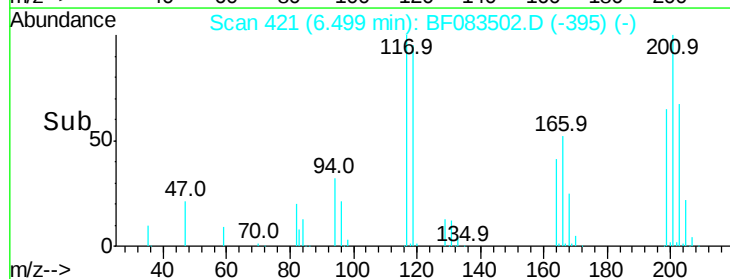
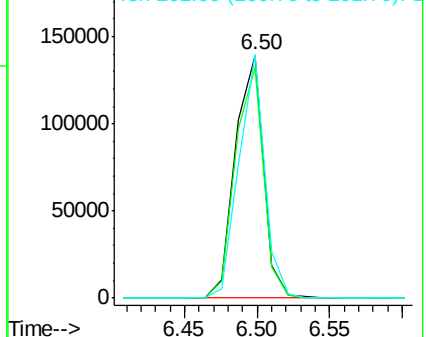
117 100

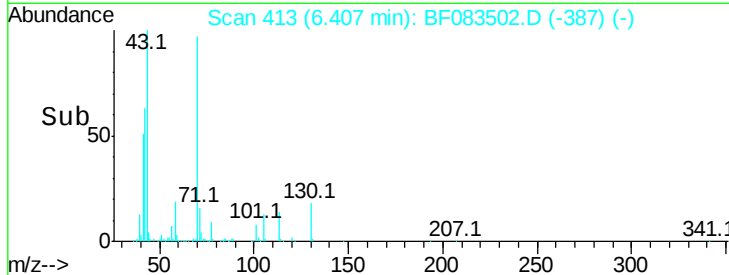
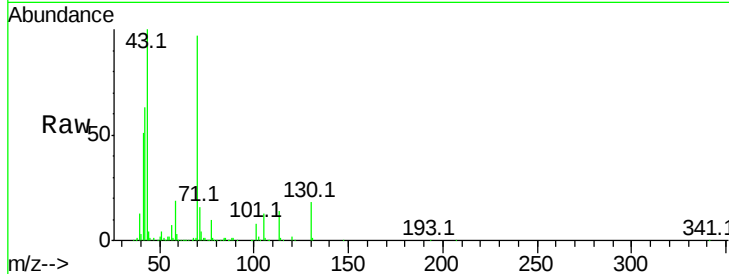
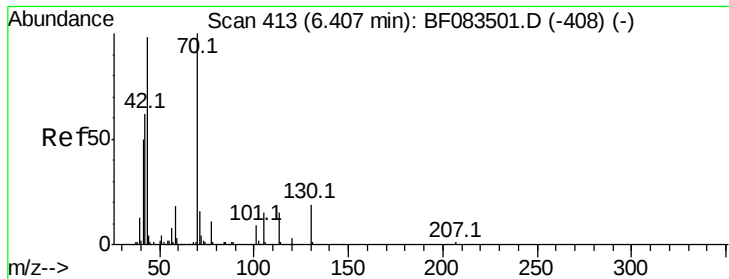
119 94.9 77.2 115.8

201 100.2 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





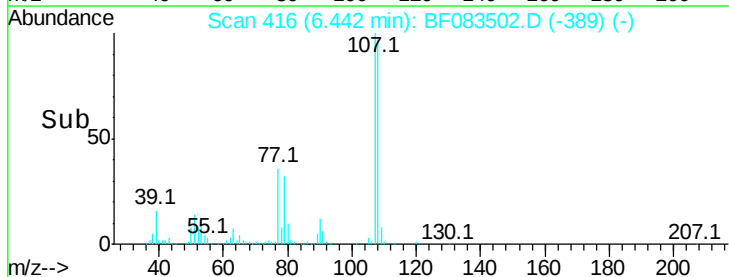
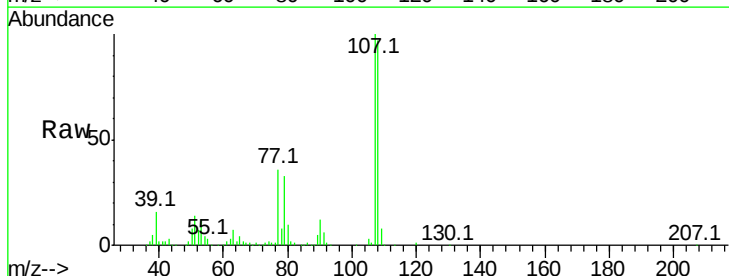
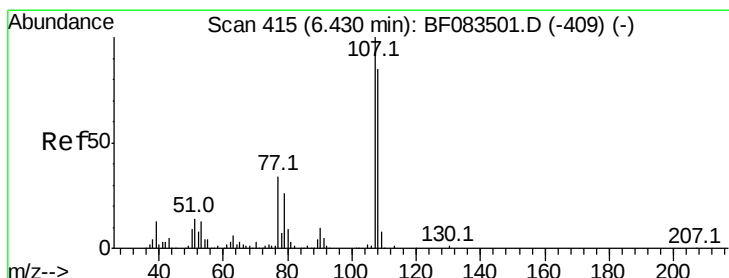
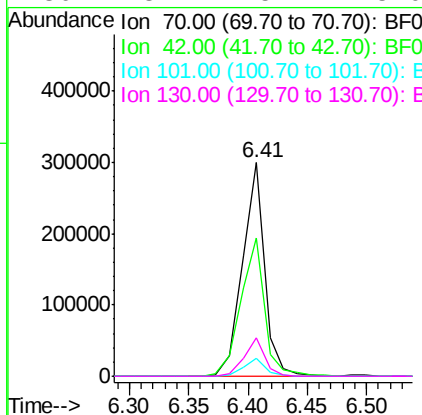
#19
n-Nitroso-di-n-propylamine
Concen: 48.58 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

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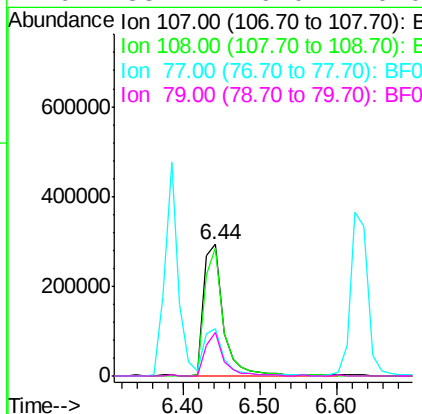
Mmdadoda
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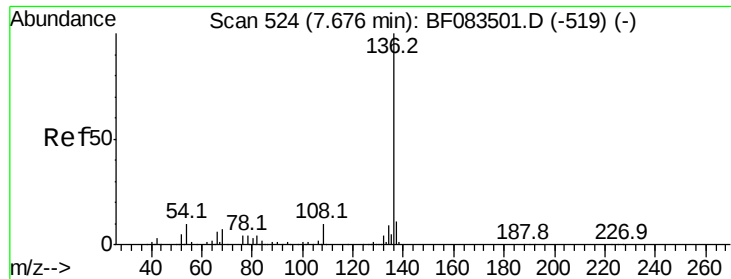
Tot Ion	70	Resp	390186
Ion Ratio	Lower	Upper	
70	100		
42	64.5	49.2	73.8
101	8.5	7.1	10.7
130	18.2	15.4	23.0



#20
3+4-Methylphenols
Concen: 50.03 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	107	Resp	517426
Ion Ratio	Lower	Upper	
107	100		
108	97.5	65.2	105.2
77	36.1	15.2	55.2
79	33.1	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

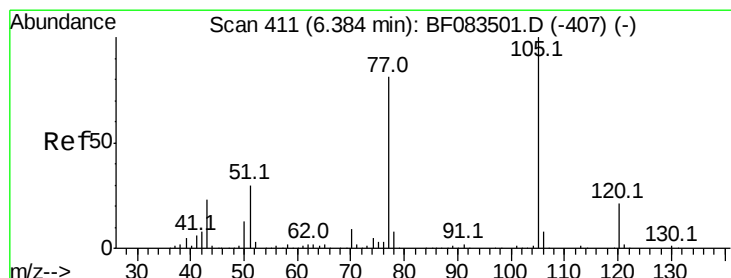
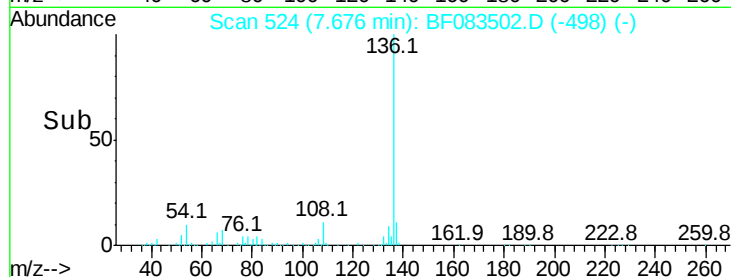
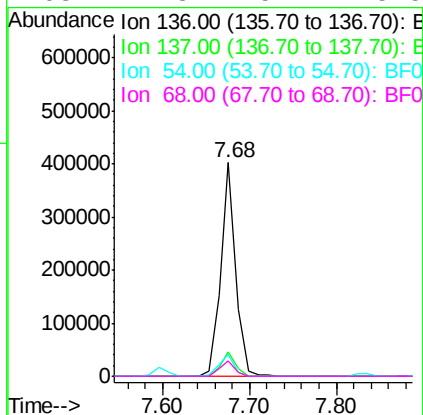
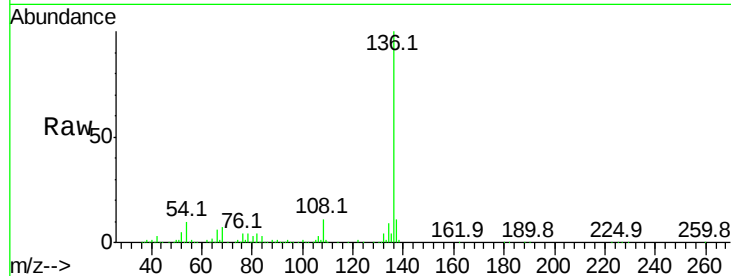
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	484163		
137	11.1		8.7	13.1
54	10.0		7.8	11.6
68	7.3		5.7	8.5

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#22

Acetophenone

Concen: 50.01 ng

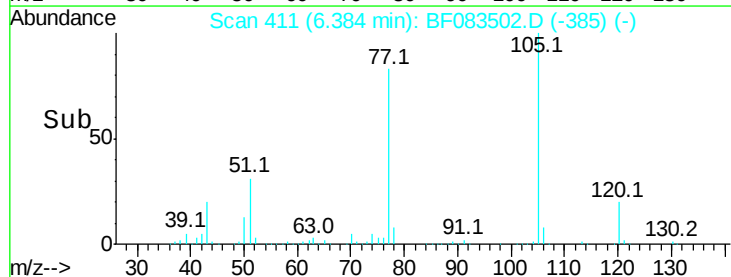
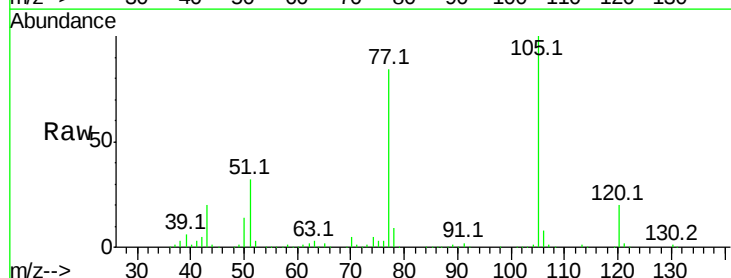
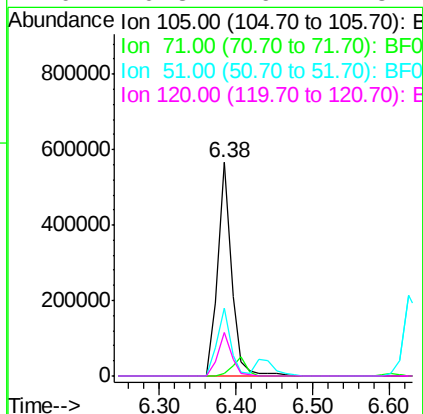
RT: 6.38 min Scan# 411

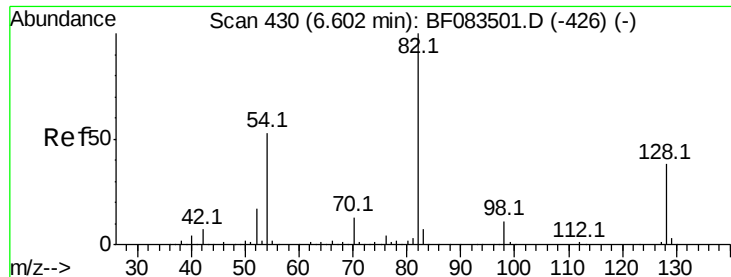
Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	720715		
71	0.9		1.3	1.9#
51	31.5		23.8	35.8
120	20.3		16.7	25.1





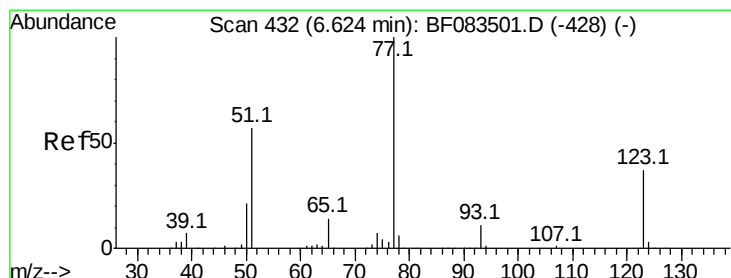
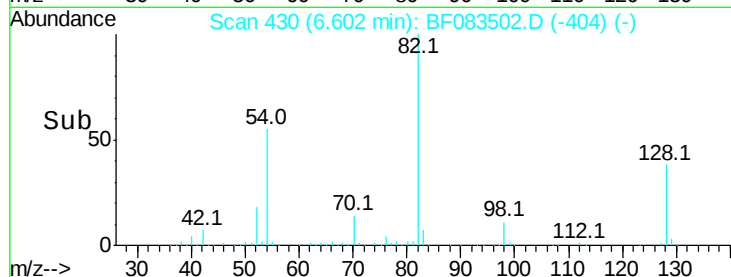
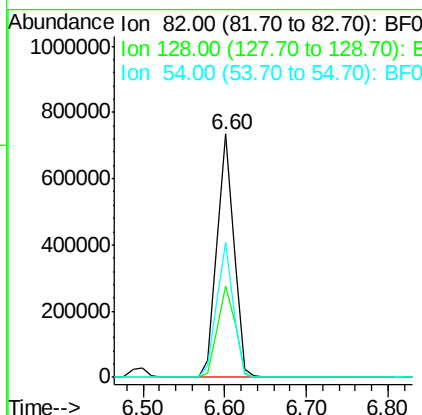
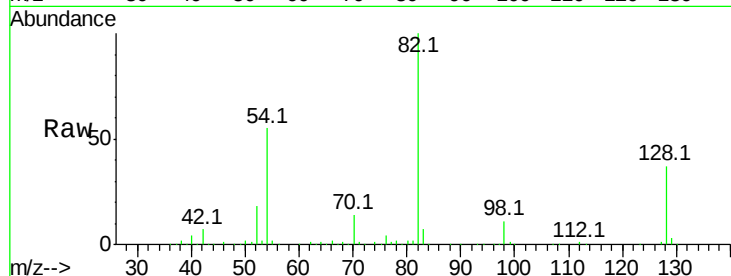
#23
 Nitrobenzene-d5
 Concen: 97.24 ng
 RT: 6.60 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.7	46.1
54	55.2	42.5	63.7

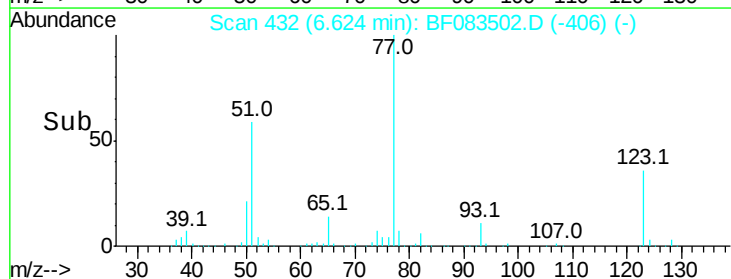
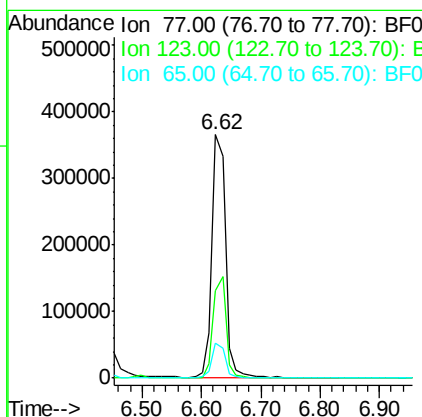
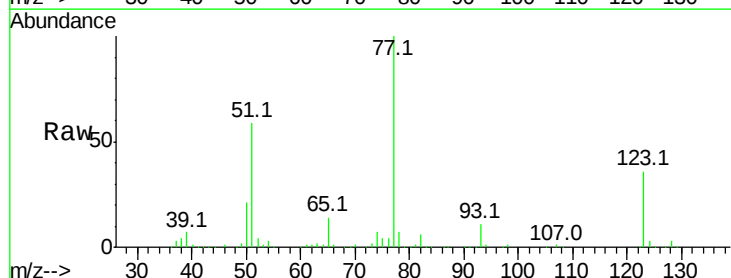
Manual Integrations
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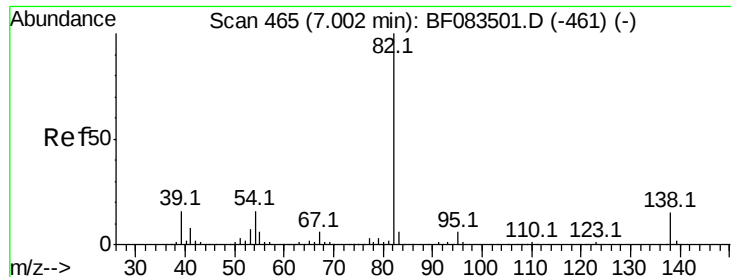
Mmdadoda
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#24
 Nitrobenzene
 Concen: 49.67 ng
 RT: 6.62 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	29.8	44.6
65	14.3	11.1	16.7





#25

Isophorone

Concen: 48.58 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1029370

Ion Ratio Lower Upper

82 100

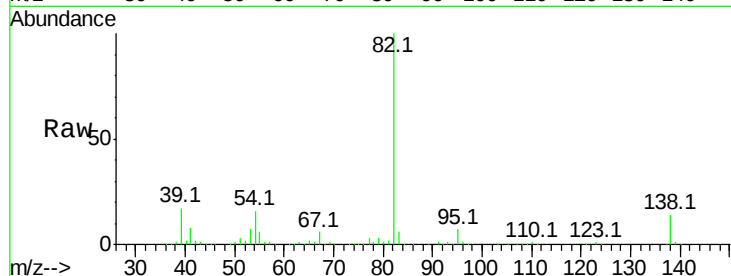
95 6.6 5.0 7.4

138 14.4 12.1 18.1

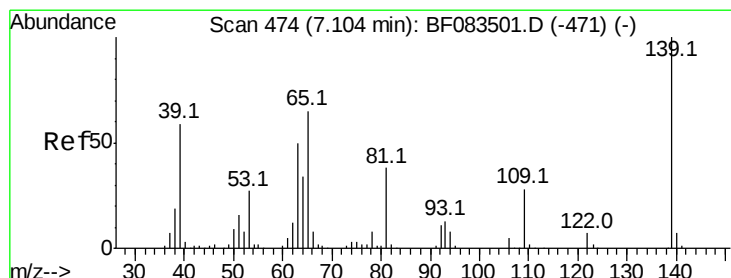
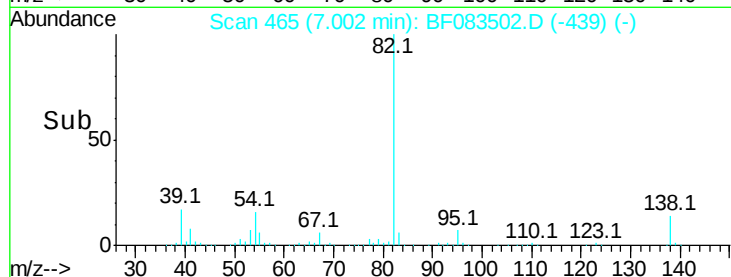
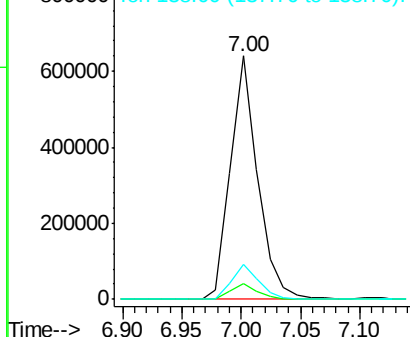
Manual Integrations
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Mmdadoda

12/7/2015 6:30:43 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: 48.94 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

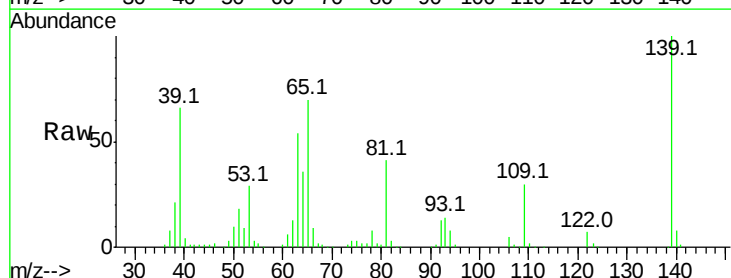
Tgt Ion: 139 Resp: 235557

Ion Ratio Lower Upper

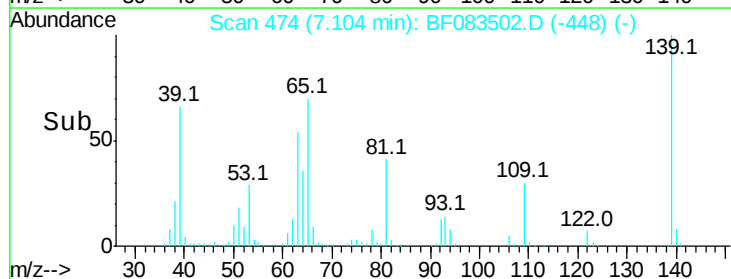
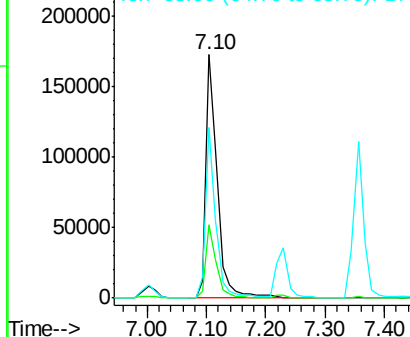
139 100

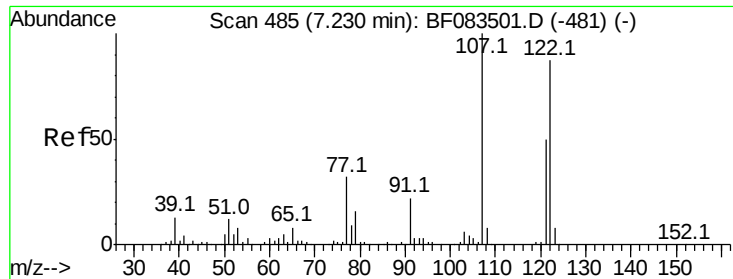
109 30.2 22.7 34.1

65 70.2 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





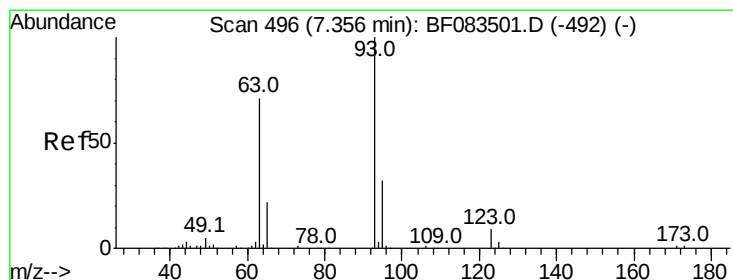
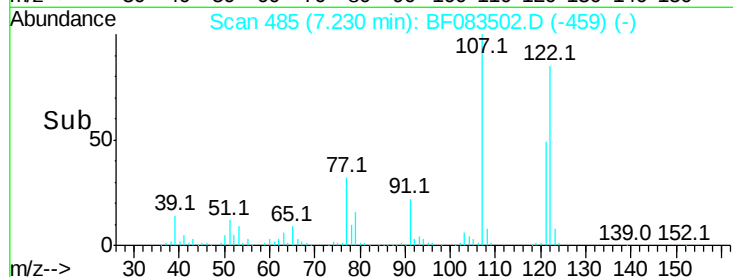
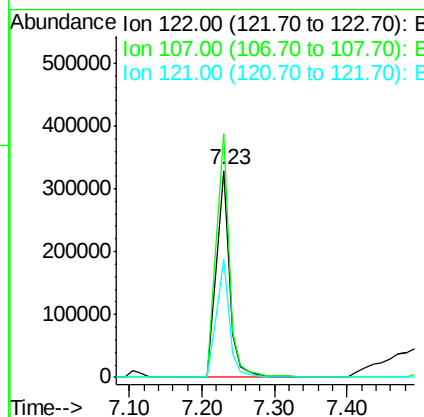
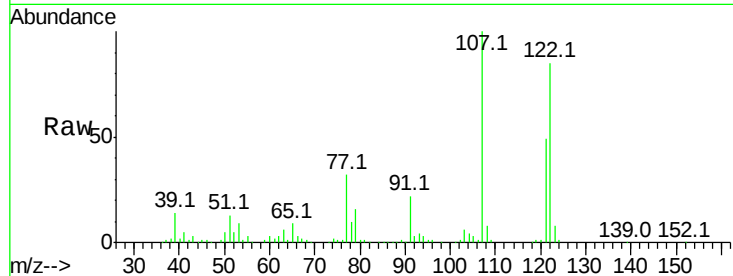
#27
 2,4-Dimethylphenol
 Concen: 52.25 ng
 RT: 7.23 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	418958		
107	117.6	92.4	138.6	
121	57.1	45.8	68.6	

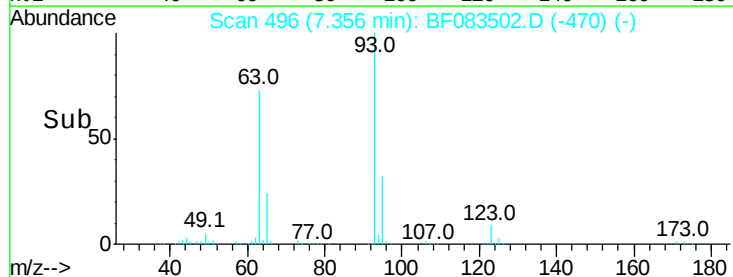
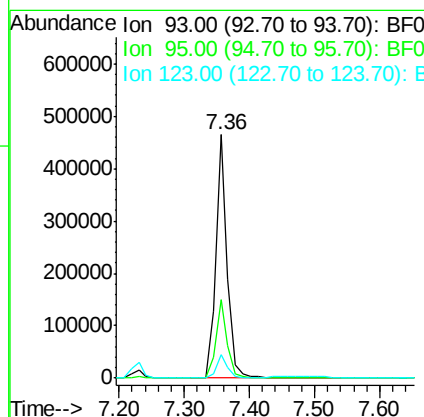
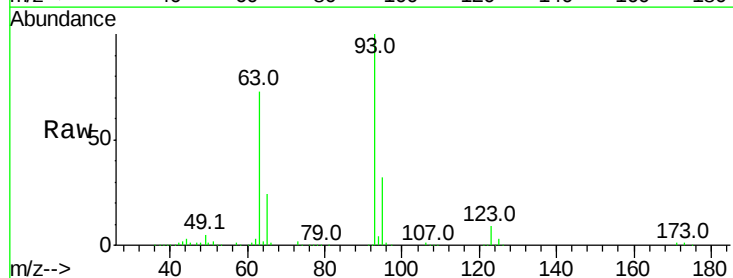
Manual Integrations
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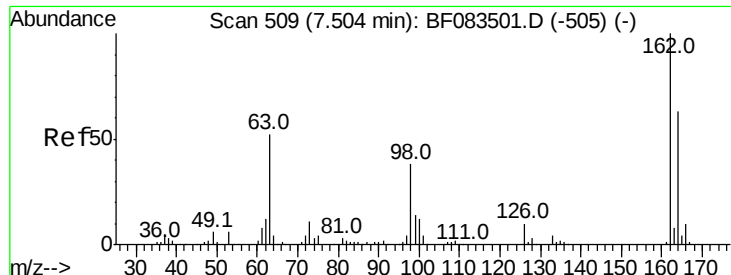
Mmdadoda
 12/7/2015 6:30:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.16 ng
 RT: 7.36 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	571665		
95	32.4	25.6	38.4	
123	9.4	7.3	10.9	





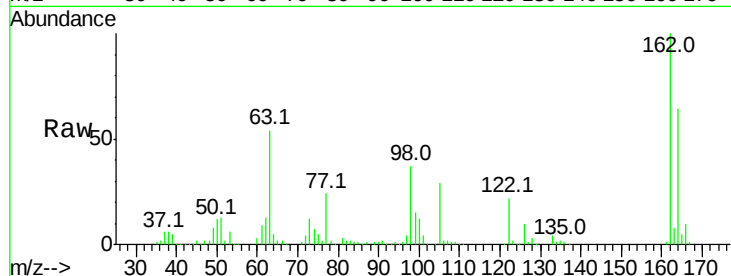
#29
 2,4-Dichlorophenol
 Concen: 49.15 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

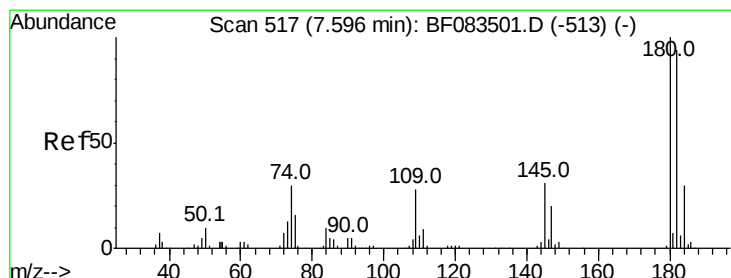
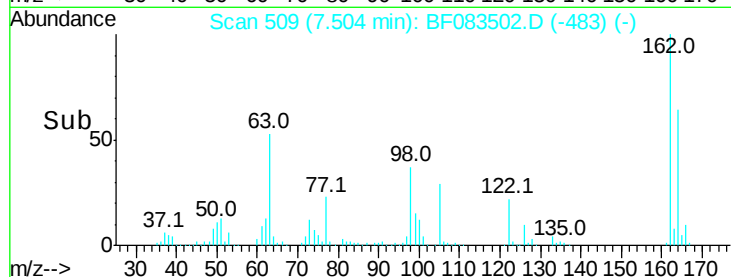
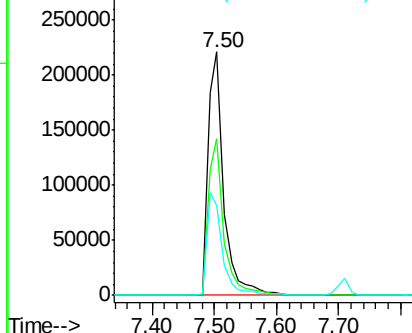
Tot Ion:	162	Resp:	380362
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.4	83.4
98	36.8	17.5	57.5

Manual Integrations
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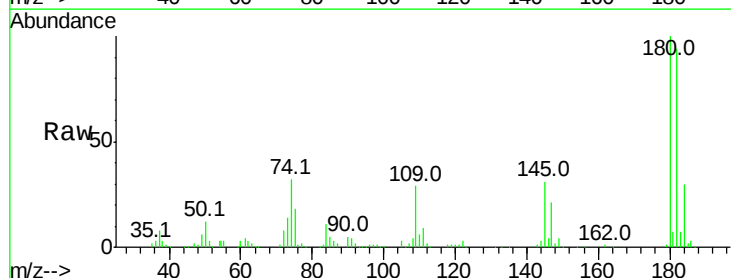


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

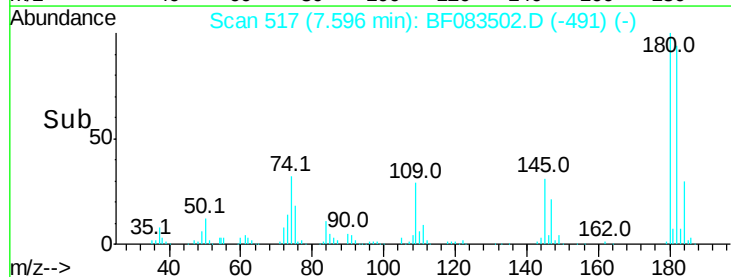
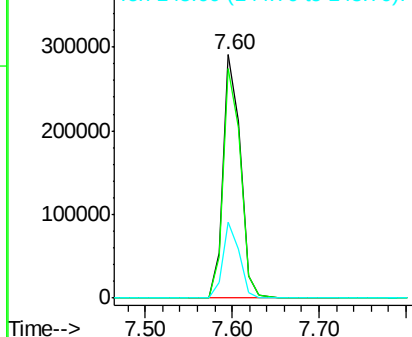


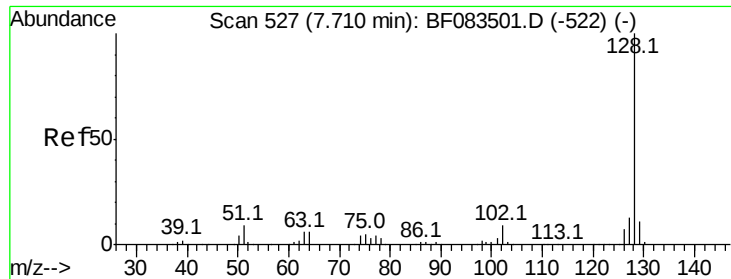
#30
 1,2,4-Trichlorobenzene
 Concen: 48.45 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion:	180	Resp:	407056
Ion Ratio	Lower	Upper	
180	100		
182	94.1	74.9	112.3
145	31.0	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: 50.10 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 1323076

Ion Ratio Lower Upper

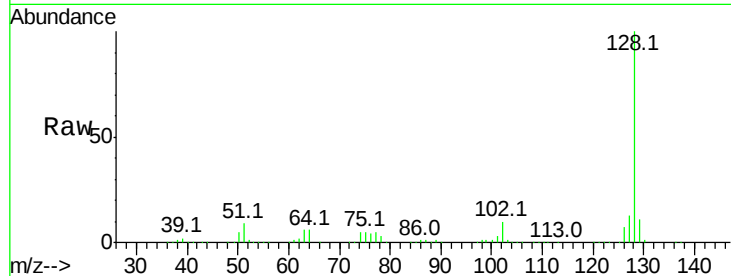
128 100

129 11.4 8.6 13.0

127 13.3 10.6 16.0

Manual Integrations
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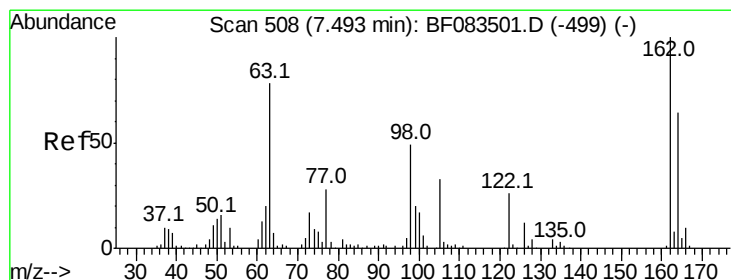
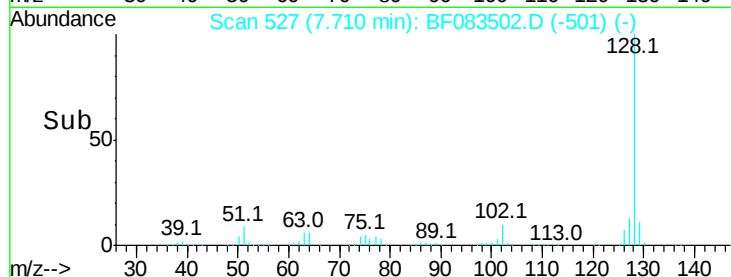
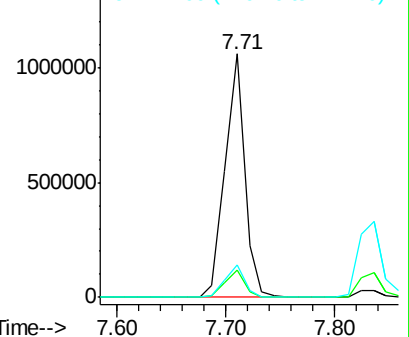
Mmdadoda
12/7/2015 6:30:43 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.75 ng

RT: 7.50 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

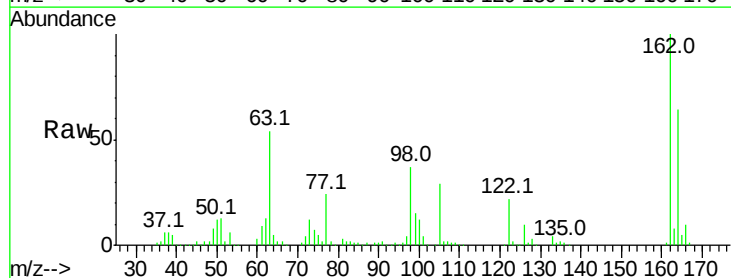
Tgt Ion:122 Resp: 221055

Ion Ratio Lower Upper

122 100

105 131.0 105.6 145.6

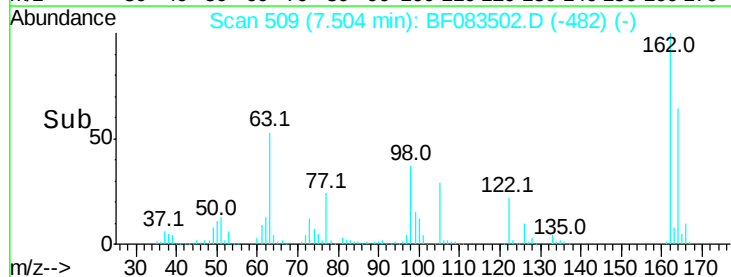
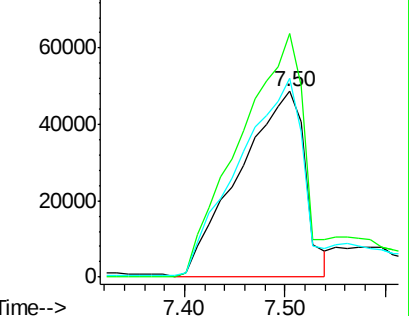
77 107.0 86.8 126.8

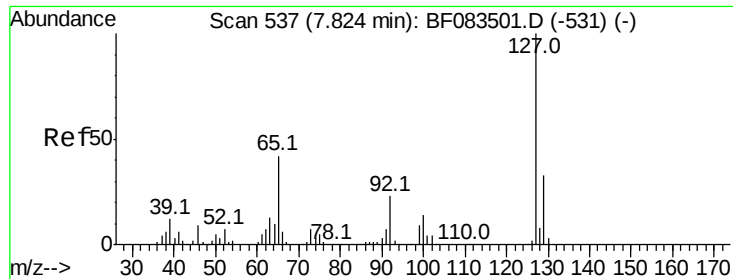


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





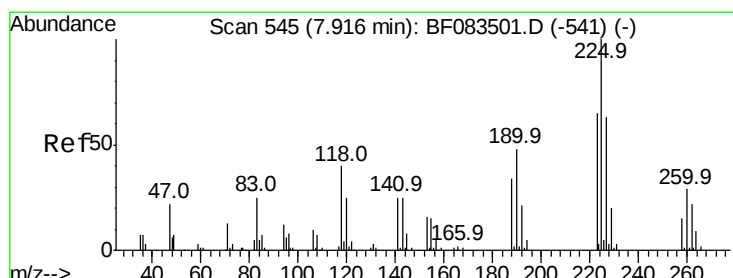
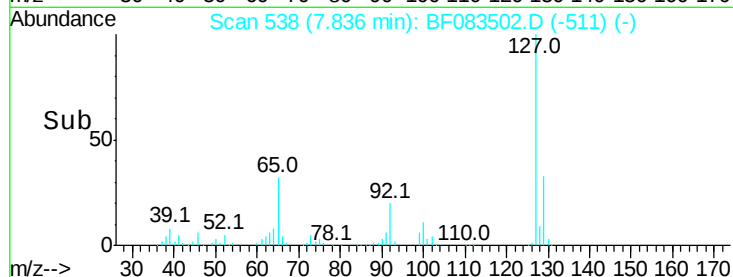
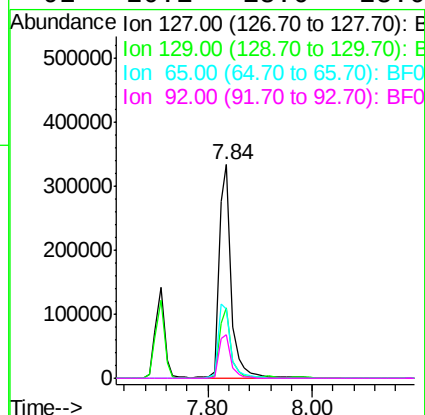
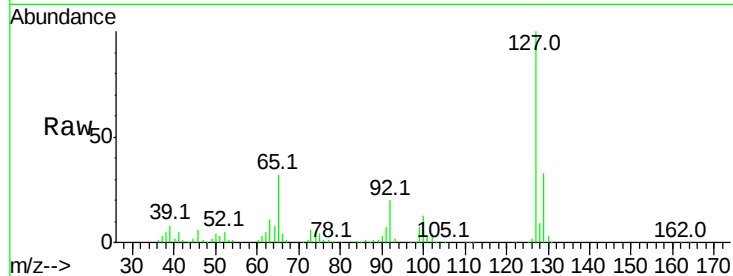
#33
4-Chloroaniline
Concen: 48.01 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.1	39.1		
65	32.2	33.5	50.3		
92	20.1	18.6	28.0		

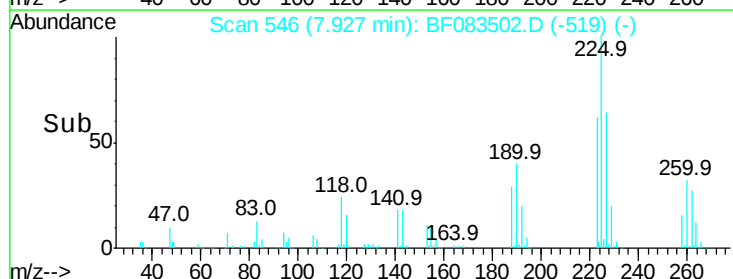
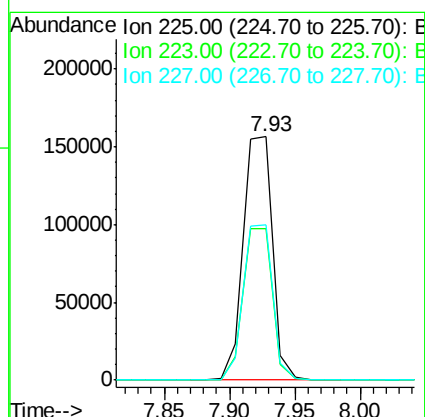
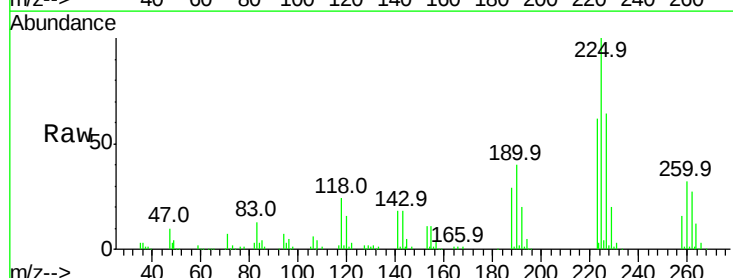
Manual Integrations
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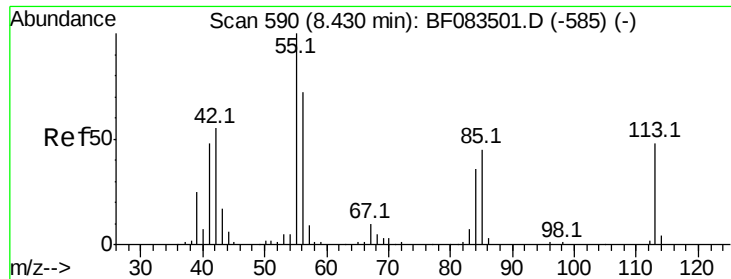
Mmdadoda
12/7/2015 6:30:43 PM



#34
Hexachlorobutadiene
Concen: 50.34 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	52.3	78.5		
227	64.0	50.4	75.6		





#35

Caprolactam

Concen: 49.94 ng

RT: 8.44 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

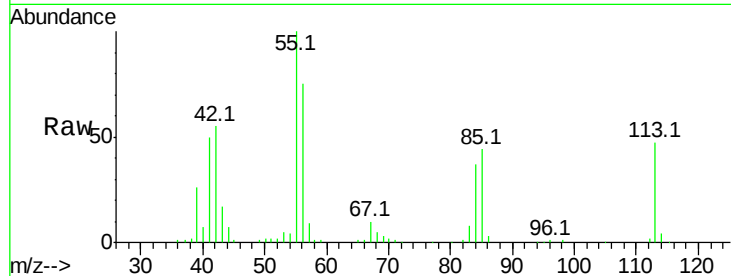
ClientSampleId :

SSTDIC050

Tot Ion:	113	Resp:	120767
Ion Ratio	Lower	Upper	
113	100		
55	213.3	189.7	229.7
56	159.0	130.7	170.7

Manual Integrations
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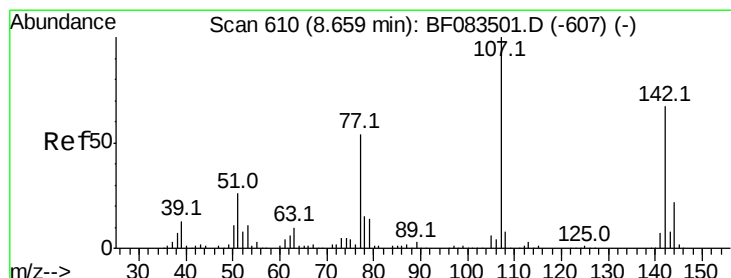
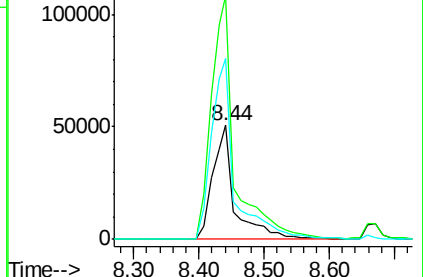
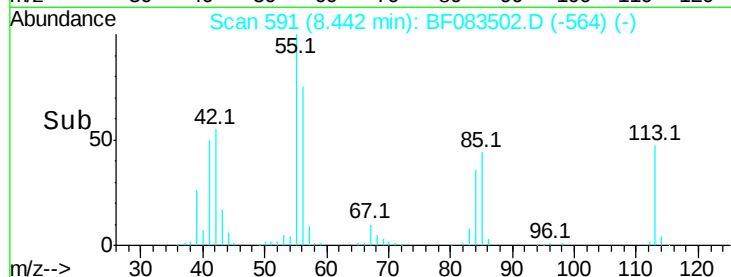
Mmdadoda
12/7/2015 6:30:43 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.14 ng

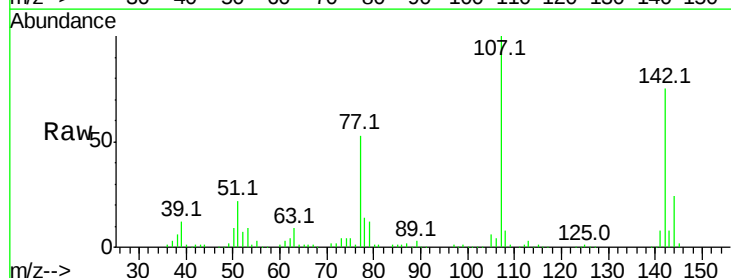
RT: 8.67 min Scan# 611

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

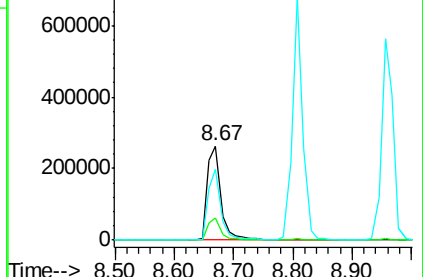
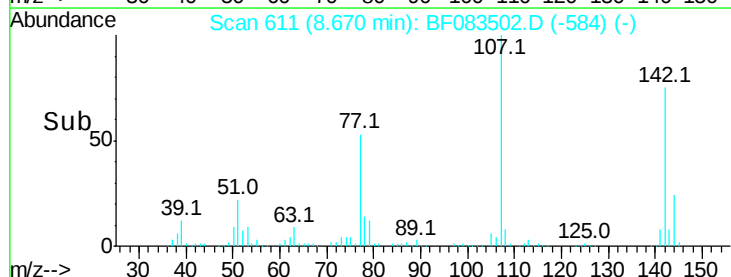
Tgt Ion:	107	Resp:	424848
Ion Ratio	Lower	Upper	
107	100		
144	24.1	17.5	26.3
142	74.8	53.6	80.4

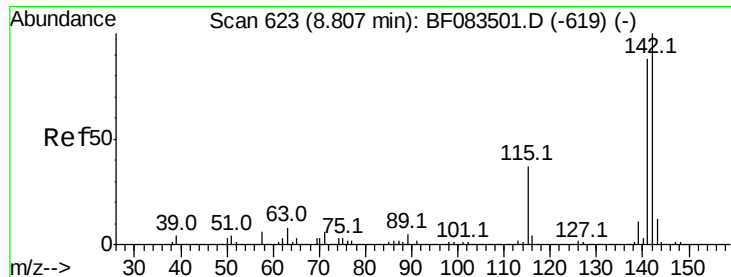


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





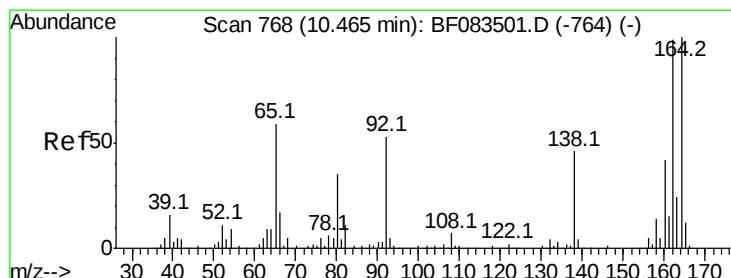
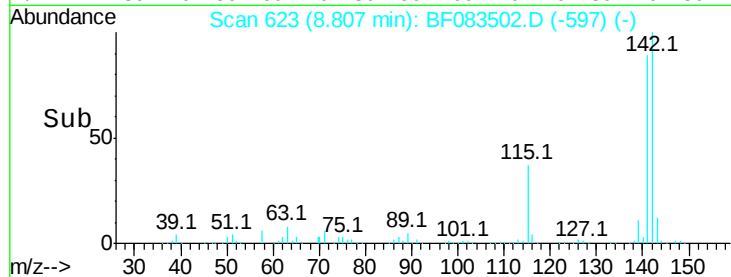
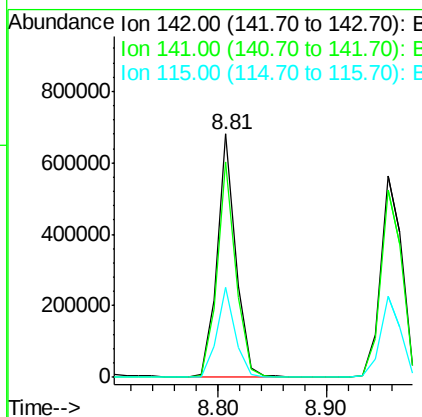
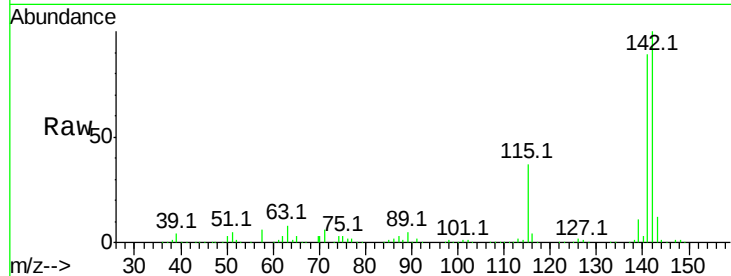
#37
 2-Methylnaphthalene
 Concen: 47.04 ng
 RT: 8.81 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	37.0	29.2	43.8

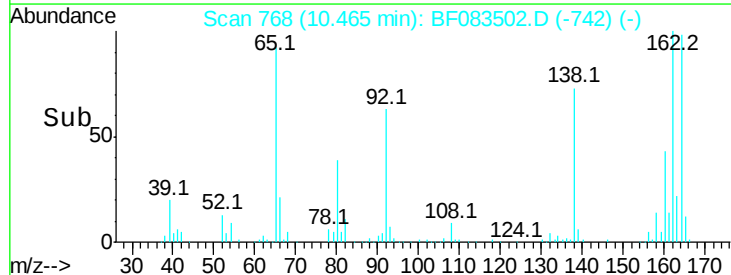
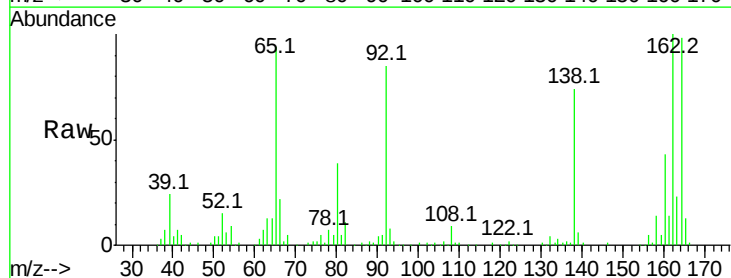
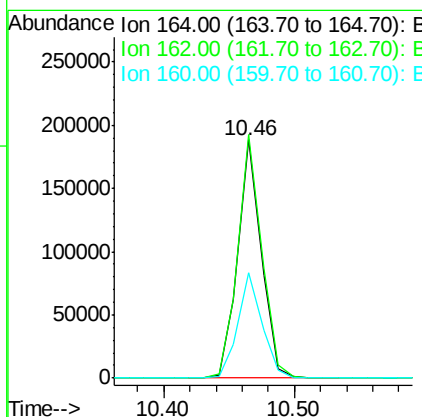
Manual Integrations
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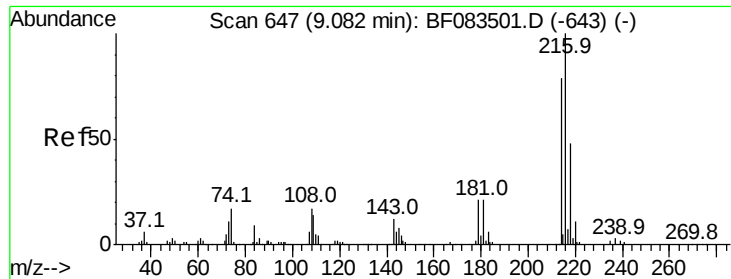
Mmdadoda
 12/7/2015 6:30:43 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	44.0	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.77 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083502.D

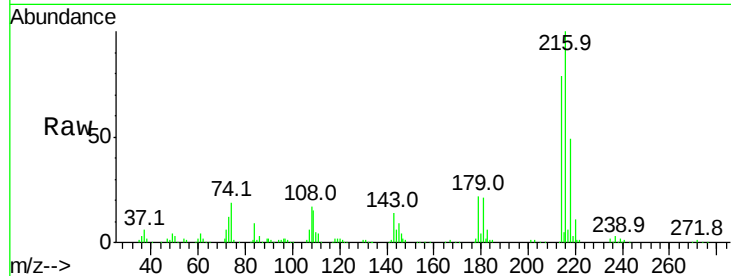
Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tot Ion:216 Resp: 391930

Ion Ratio Lower Upper

216 100

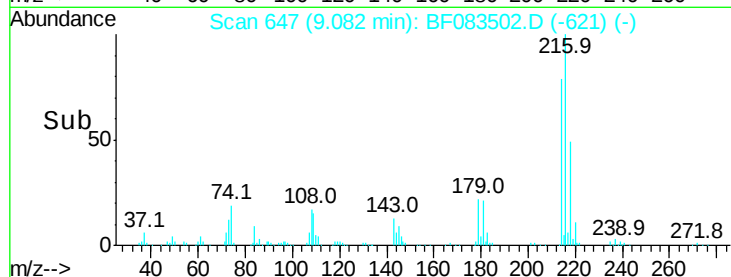
214 79.3 0.0 0.0#

179 21.5 0.0 0.0#

108 19.7 0.0 0.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:43 PM



Abundance Ion 216.00 (215.70 to 216.70): E

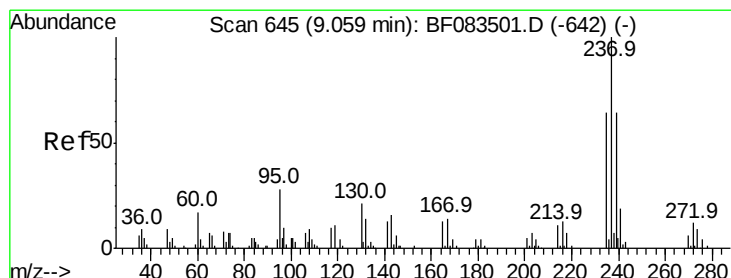
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

9.00 9.10 9.20 9.30



#40

Hexachlorocyclopentadiene

Concen: 40.61 ng

RT: 9.07 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

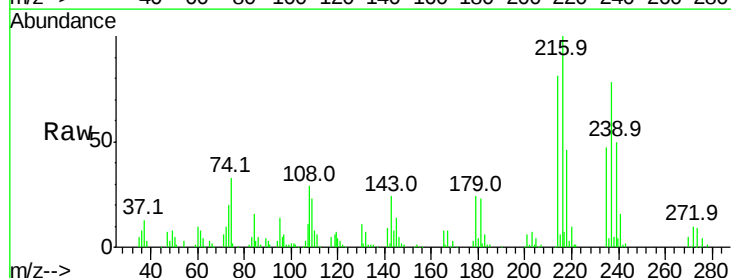
Tgt Ion:237 Resp: 136369

Ion Ratio Lower Upper

237 100

235 61.1 43.9 83.9

272 12.9 0.0 31.8



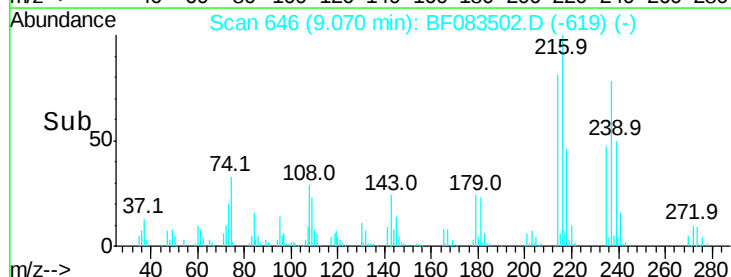
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

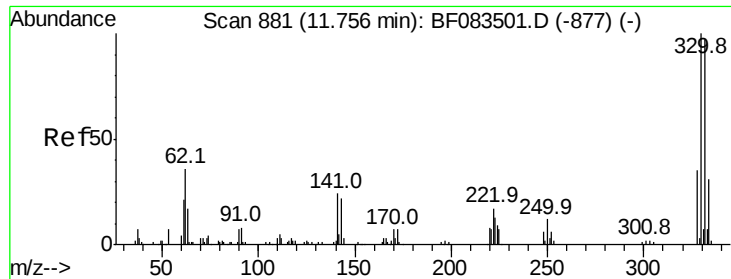
Time-->

9.00 9.05 9.10



Time-->

9.00 9.05 9.10



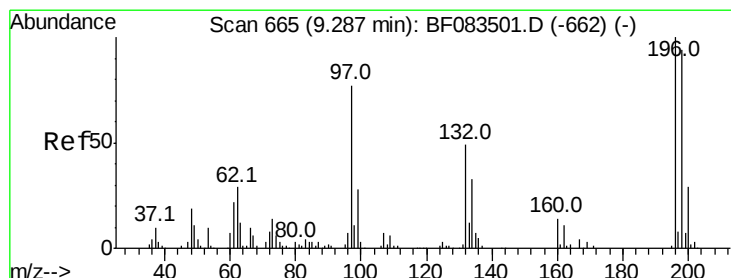
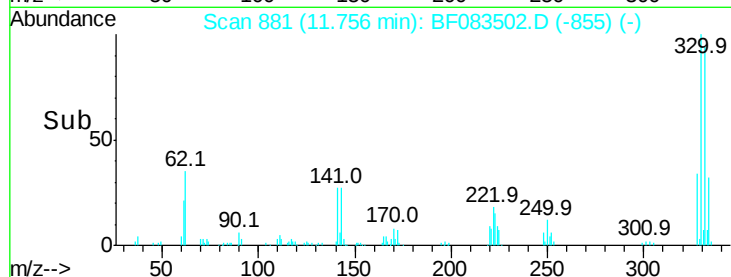
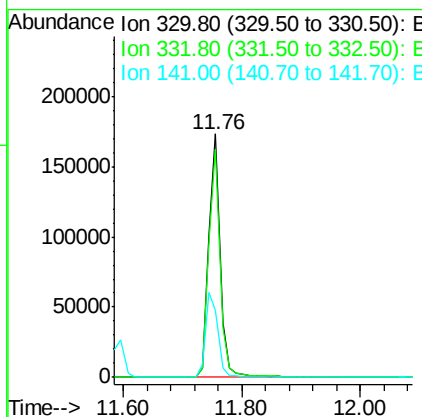
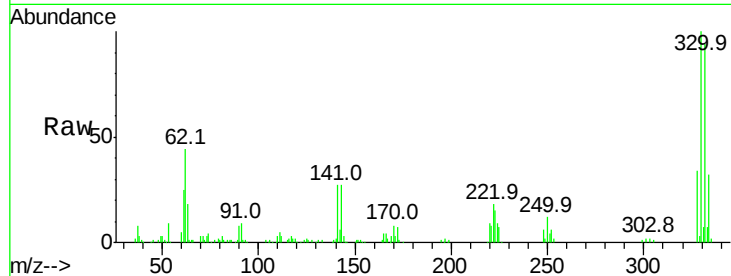
#41
 2,4,6-Tribromophenol
 Concen: 99.43 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	93.1	0.0	0.0#
141	37.8	0.0	0.0#

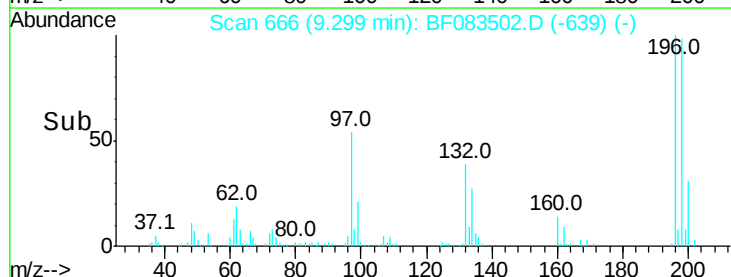
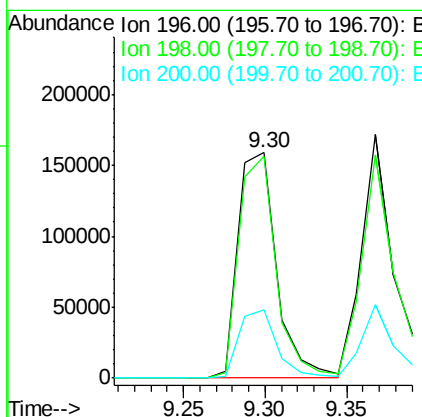
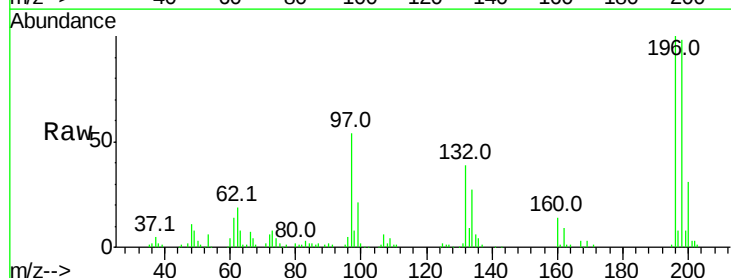
Manual Integrations
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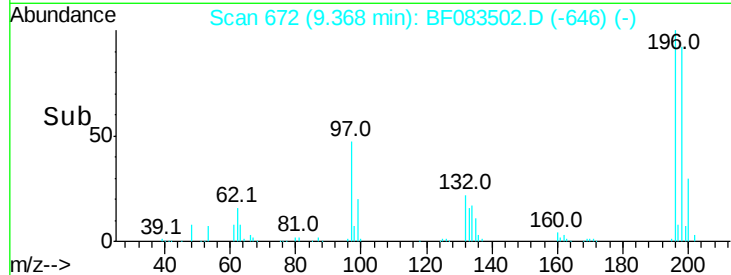
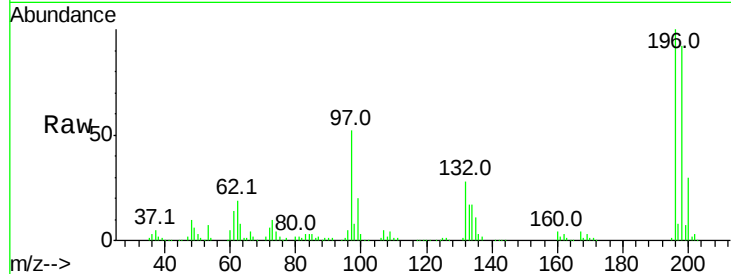
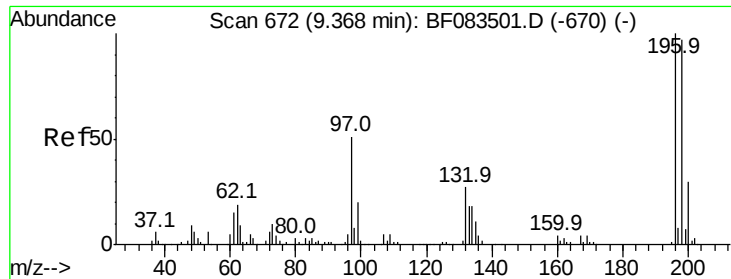
Mmdadoda
 12/7/2015 6:30:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.78 ng
 RT: 9.30 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

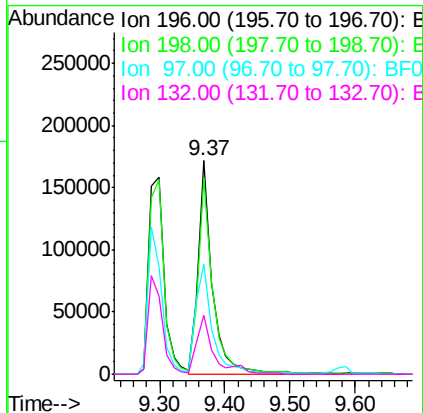
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.4	75.2	112.8
200	30.5	23.0	34.6





#43
2,4,5-Trichlorophenol
Concen: 48.50 ng
RT: 9.37 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

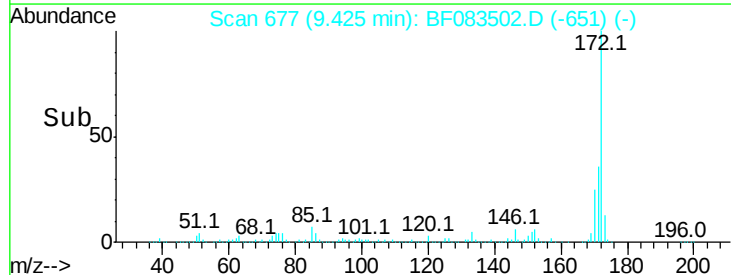
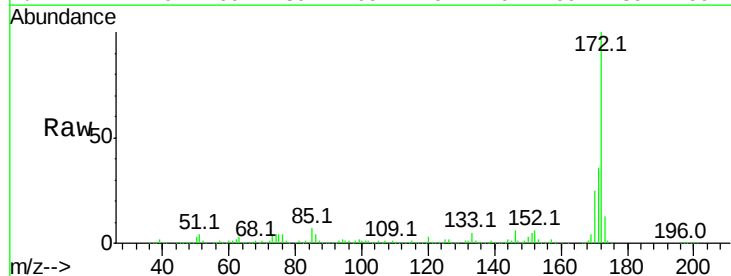
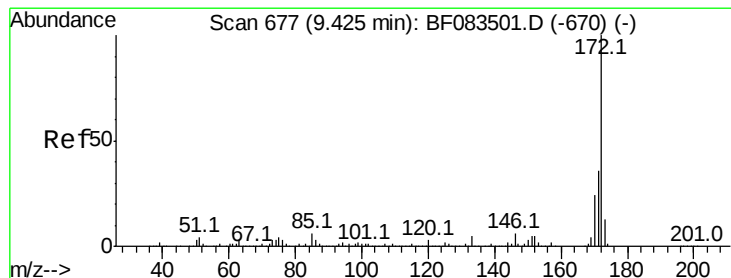
Tot Ion	196	Resp	259823
Ion Ratio	Lower	Upper	
196	100		
198	91.8	77.7	116.5
97	51.7	41.2	61.8
132	27.5	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDIC050

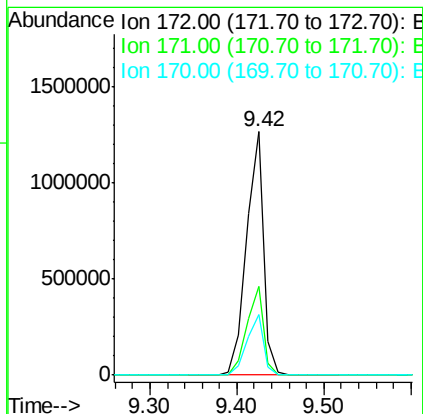
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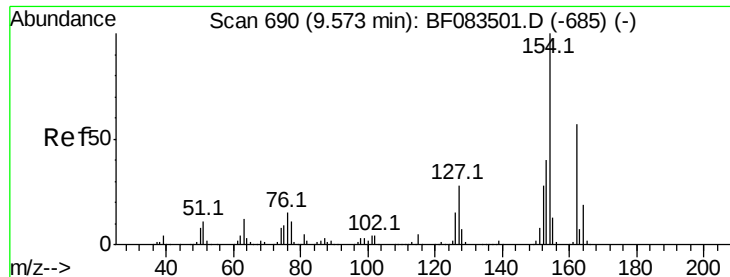
Mmdadoda
12/7/2015 6:30:43 PM



#44
2-Fluorobiphenyl
Concen: 103.24 ng
RT: 9.42 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	172	Resp	1731688
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	42.8
170	24.9	19.4	29.0





#45

1,1'-Biphenyl

Concen: 51.75 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1076781

Ion Ratio Lower Upper

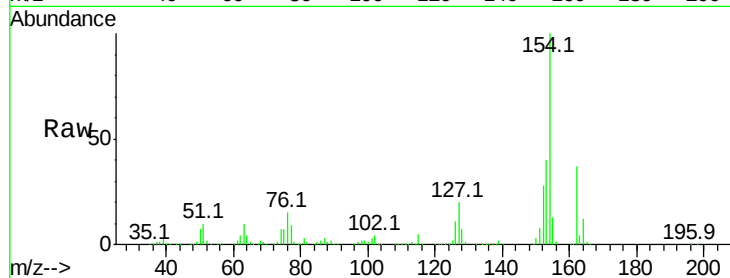
154 100

153 40.3 20.2 60.2

76 14.5 0.0 34.8

Manual Integrations
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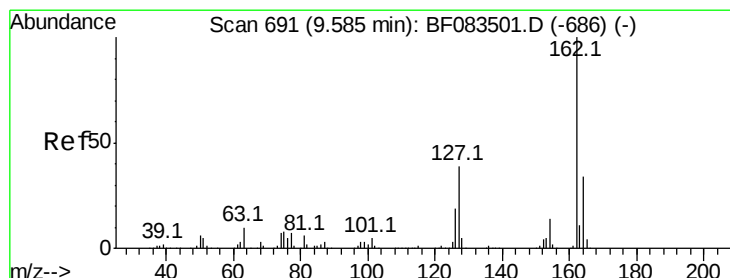
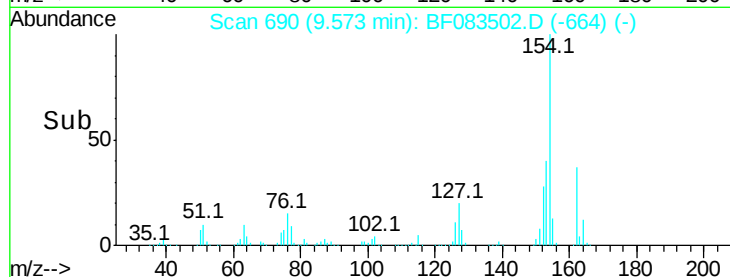
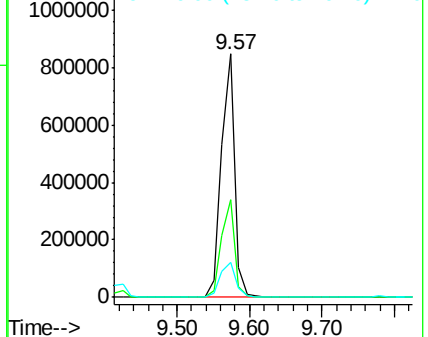
Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.59 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

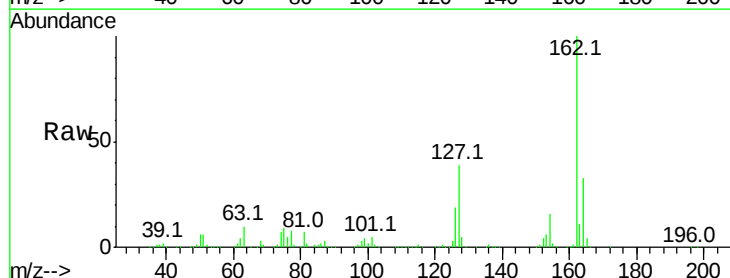
Tgt Ion:162 Resp: 802535

Ion Ratio Lower Upper

162 100

127 39.5 31.0 46.4

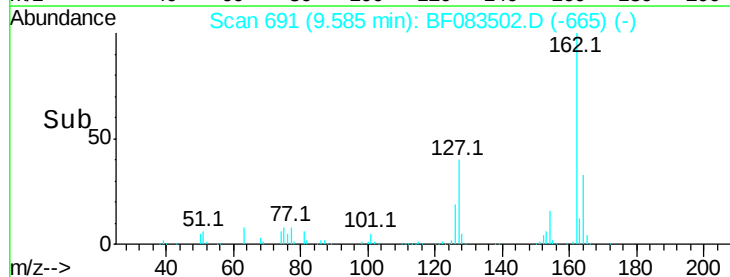
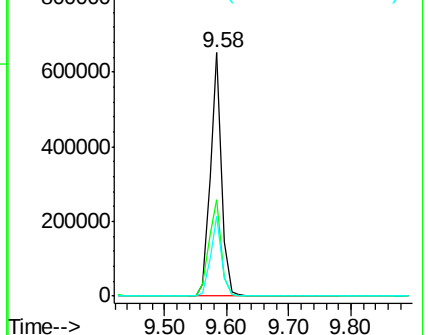
164 32.7 27.4 41.0

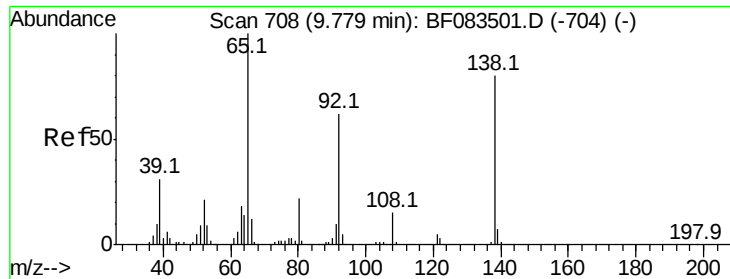


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.95 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

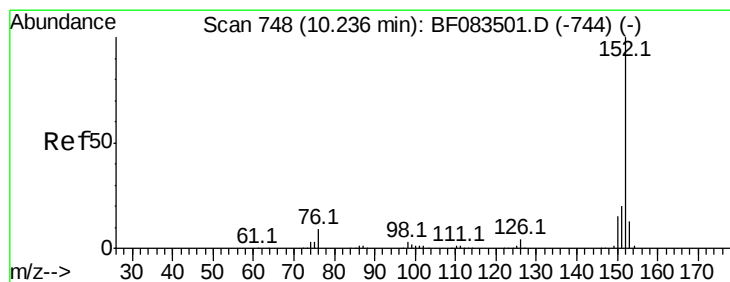
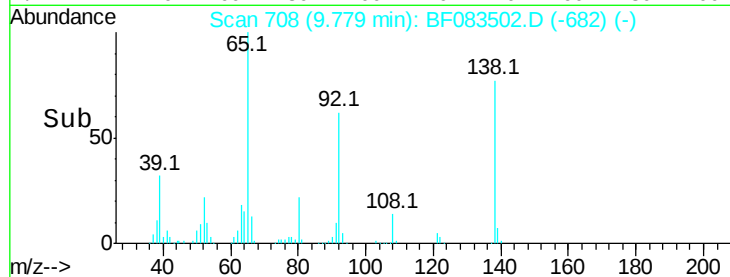
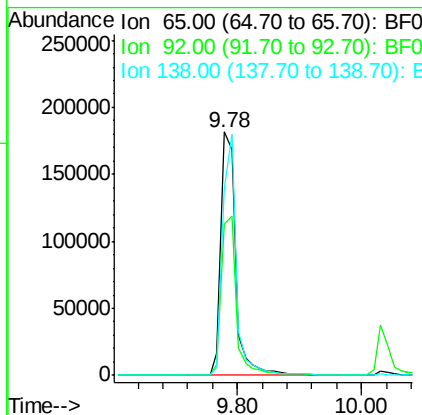
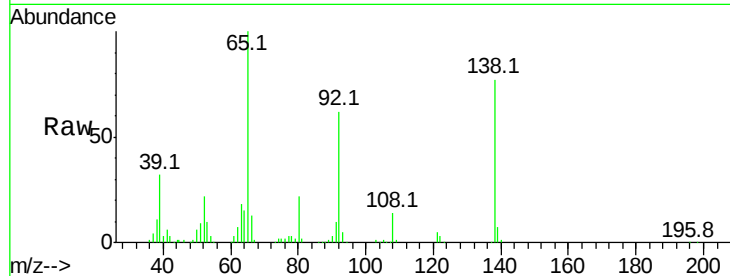
ClientSampleId :

SSTDIC050

Tot Ion:	65	Resp:	300230
Ion Ratio	Lower	Upper	
65	100		
92	62.3	49.6	74.4
138	77.2	64.1	96.1

Manual Integrations
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#48

Acenaphthylene

Concen: 52.07 ng

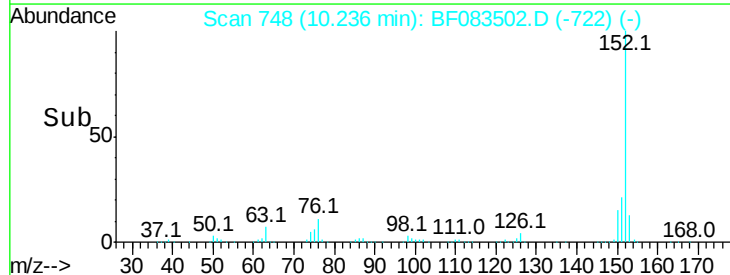
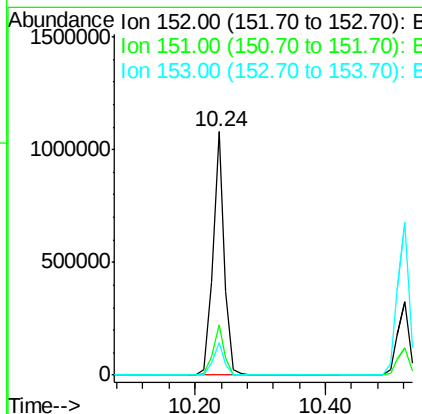
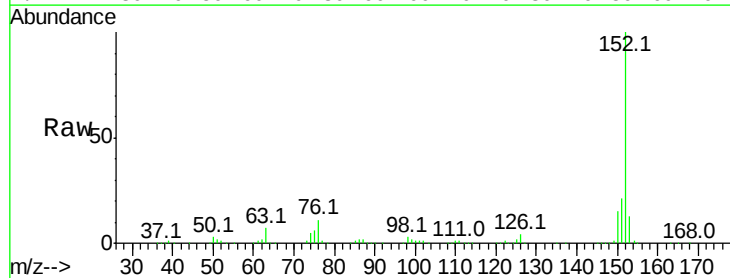
RT: 10.24 min Scan# 748

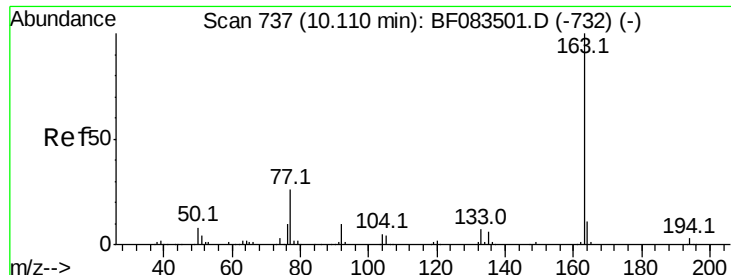
Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion:	152	Resp:	1323497
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.8	16.2





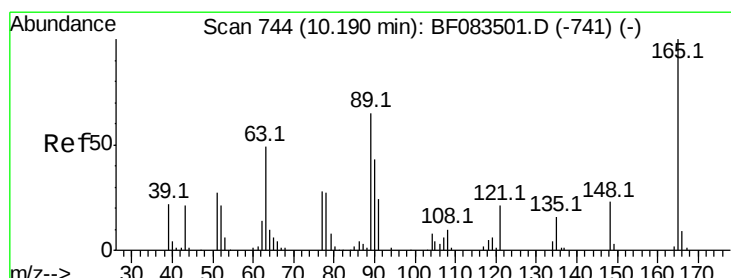
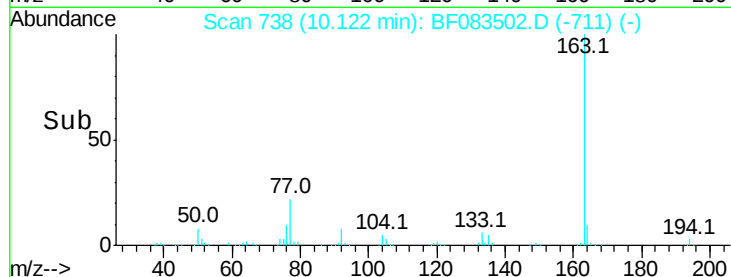
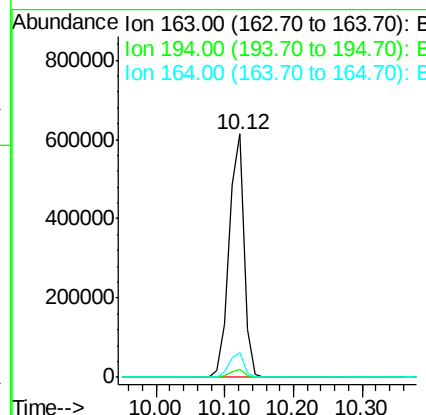
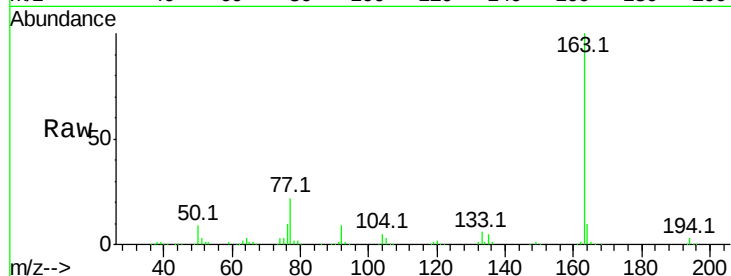
#49
Dimethylphthalate
Concen: 49.18 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

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

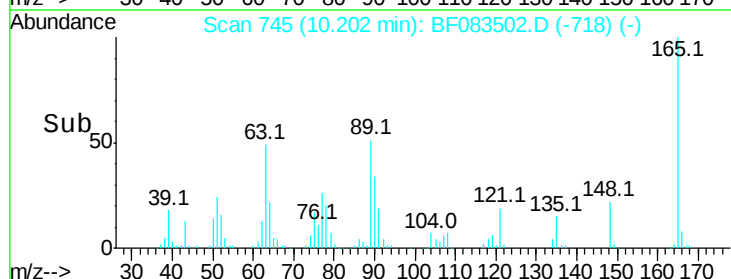
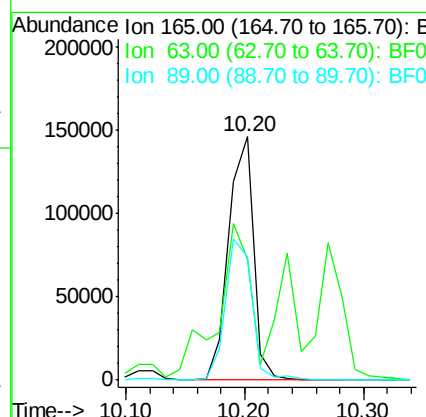
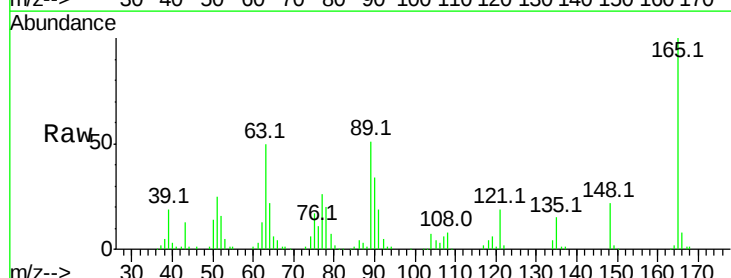
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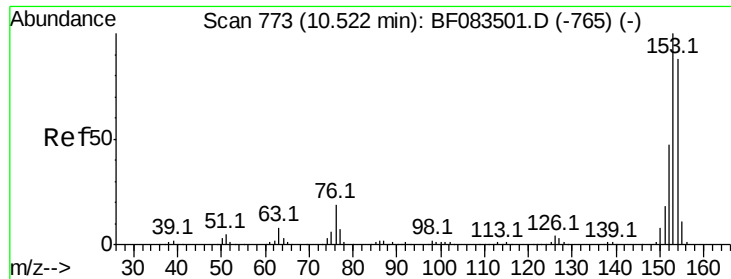
Mmdadoda
12/7/2015 6:30:43 PM



#50
2,6-Dinitrotoluene
Concen: 52.06 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.7	56.9	85.3#	
89	50.6	52.1	78.1#	





#51

Acenaphthene

Concen: 50.67 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

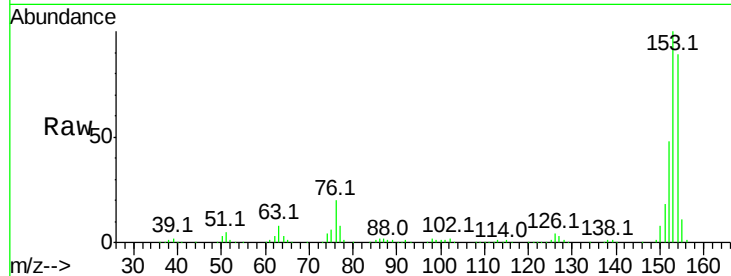
ClientSampleId :

SSTDICC050

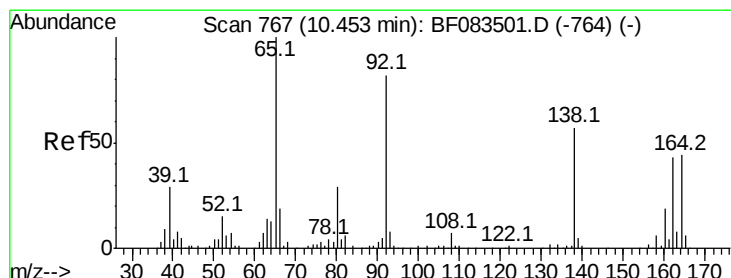
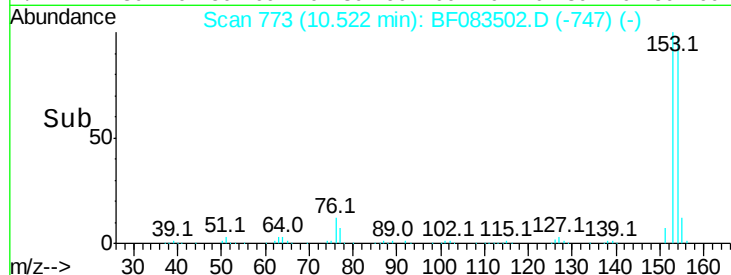
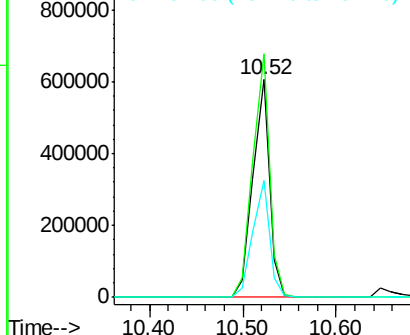
Tot Ion:	154	Resp:	753981
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.4	137.0
152	53.7	43.4	65.2

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



#52

3-Nitroaniline

Concen: 48.69 ng

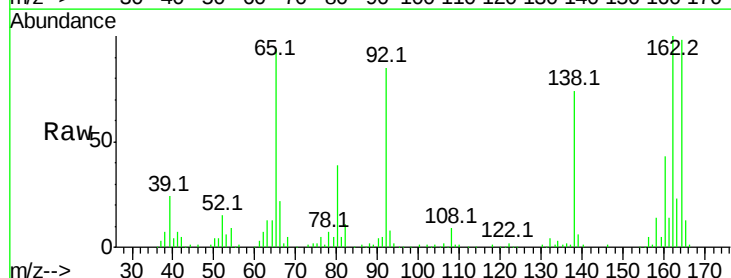
RT: 10.46 min Scan# 768

Delta R.T. 0.01 min

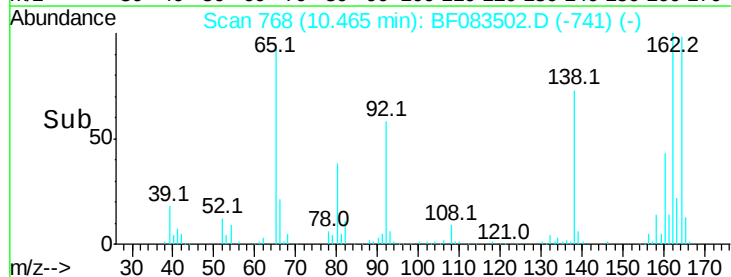
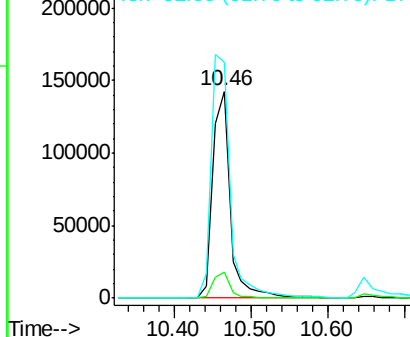
Lab File: BF083502.D

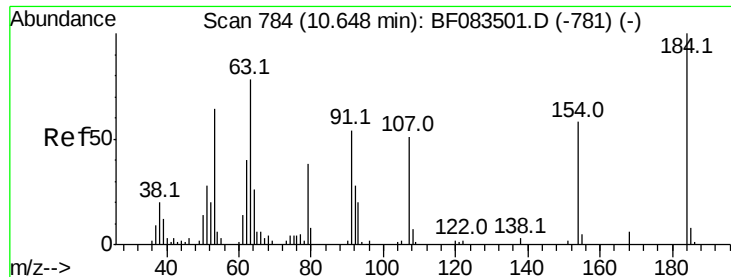
Acq: 5 Dec 2015 1:24

Tgt Ion:	138	Resp:	227496
Ion Ratio	Lower	Upper	
138	100		
108	12.8	9.9	14.9
92	114.3	113.8	170.8



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





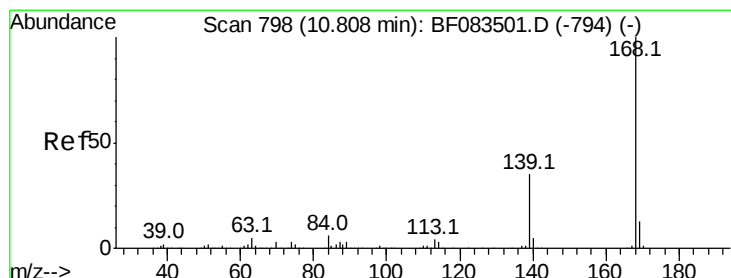
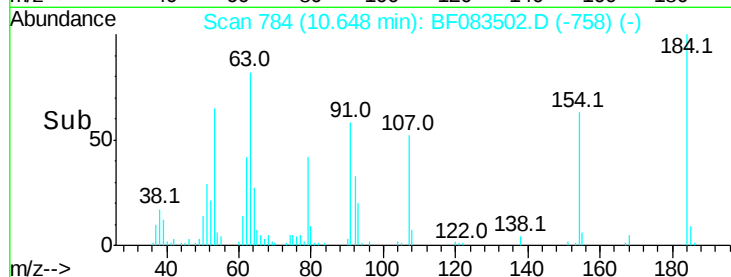
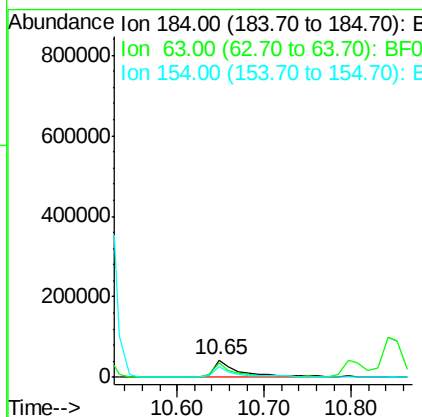
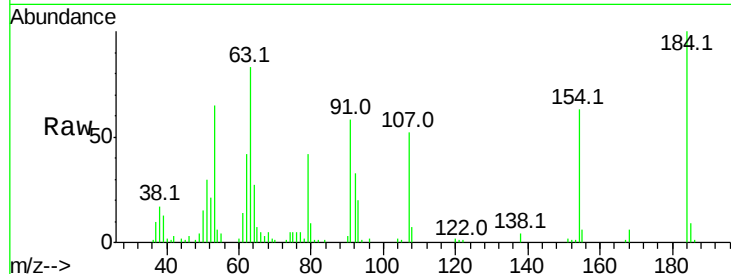
#53
 2,4-Dinitrophenol
 Concen: 44.31 ng
 RT: 10.65 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.0	62.4	93.6
154	63.3	46.6	69.8

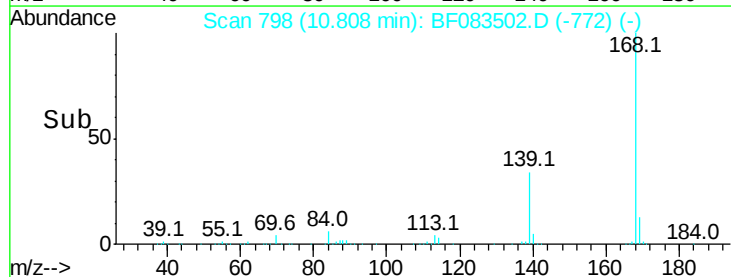
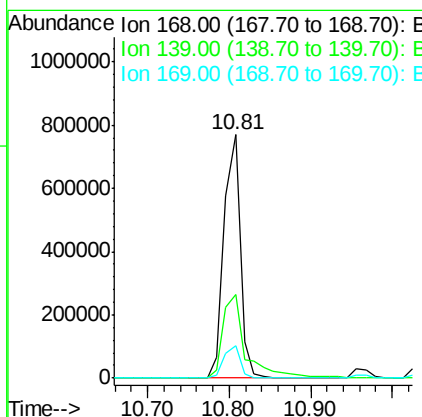
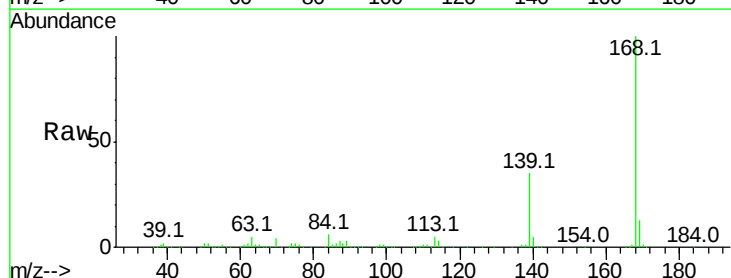
Manual Integrations
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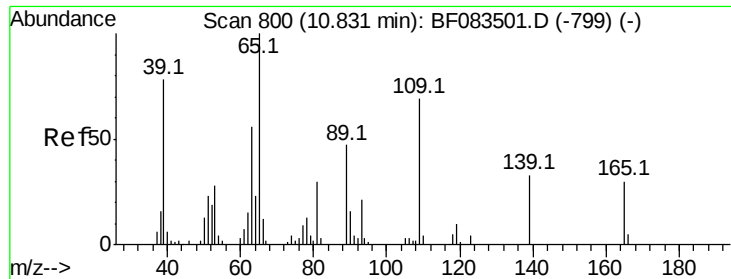
Mmdadoda
 12/7/2015 6:30:43 PM



#54
 Dibenzofuran
 Concen: 49.12 ng
 RT: 10.81 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.5	28.0	42.0
169	13.4	10.8	16.2





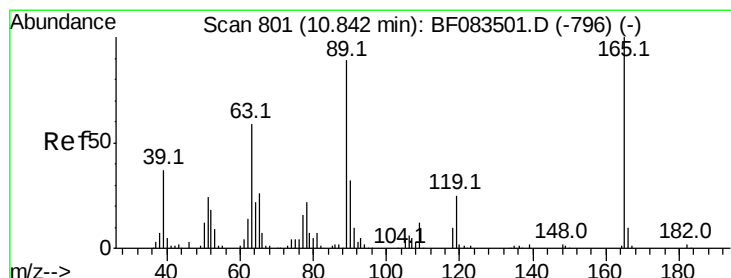
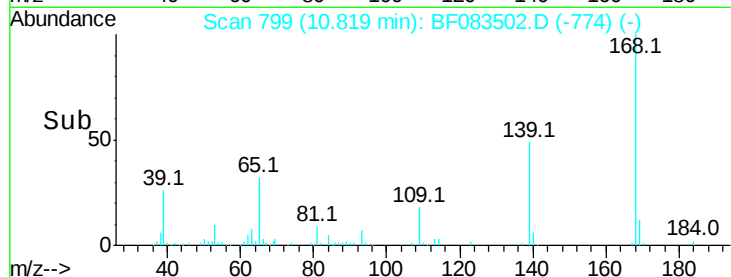
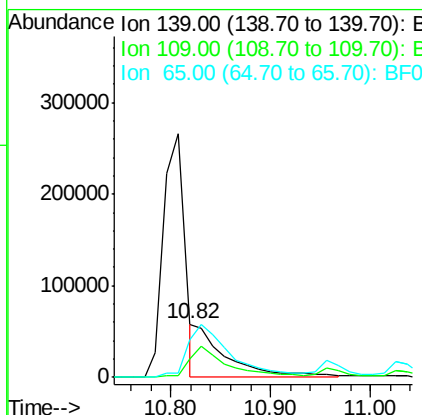
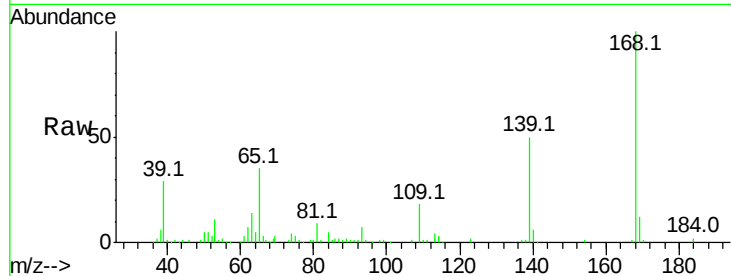
#55
4-Nitrophenol
Concen: 42.32 ng/ml
RT: 10.82 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.0	42.0	82.0#	
65	70.0	89.2	129.2#	

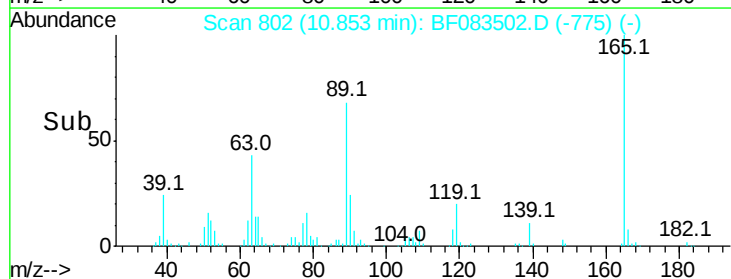
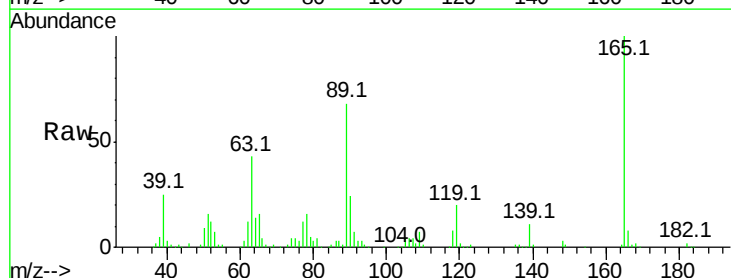
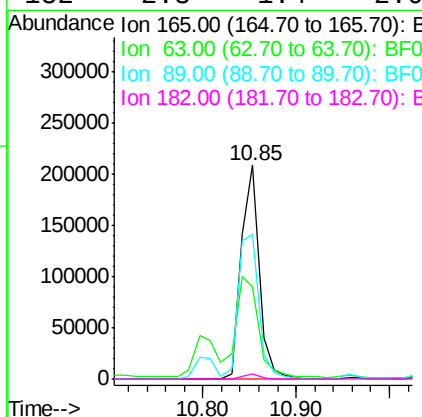
Manual Integrations
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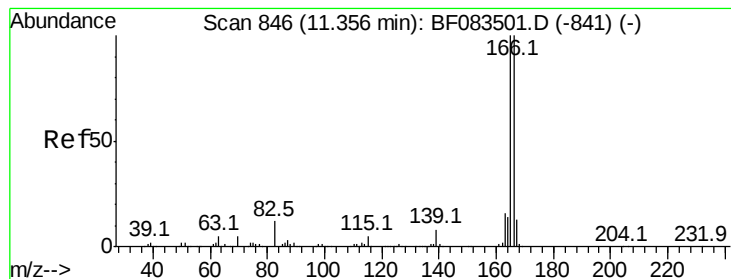
Mmdadoda
12/7/2015 6:30:43 PM



#56
2,4-Dinitrotoluene
Concen: 54.37 ng
RT: 10.85 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.5	51.4	77.2#	
89	67.6	72.6	108.8#	
182	2.3	1.4	2.0#	





#57

Fluorene

Concen: 52.80 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 917046

Ion Ratio Lower Upper

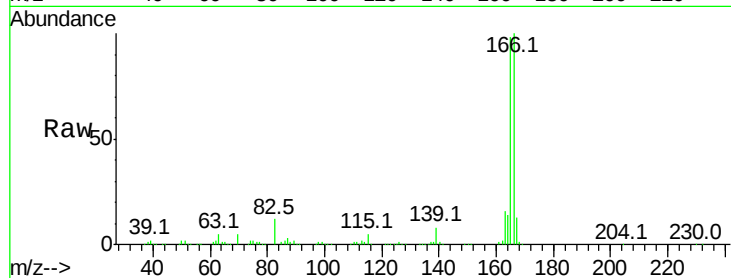
166 100

165 97.7 80.0 120.0

167 13.2 10.6 16.0

Manual Integrations
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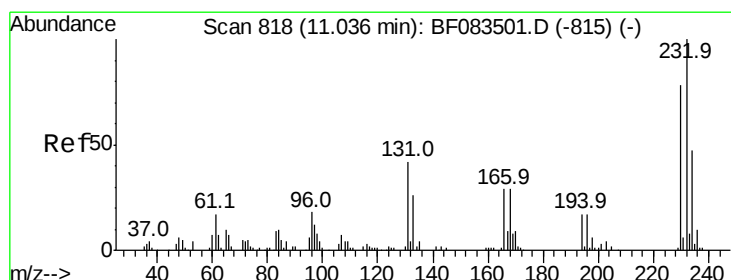
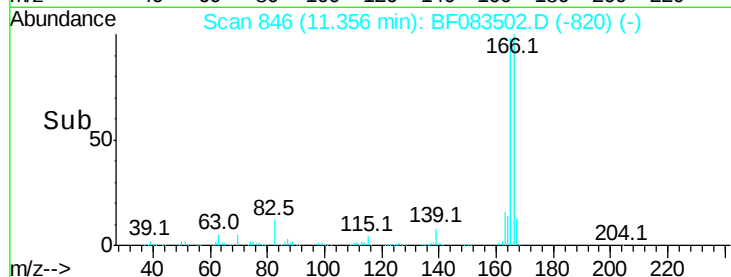
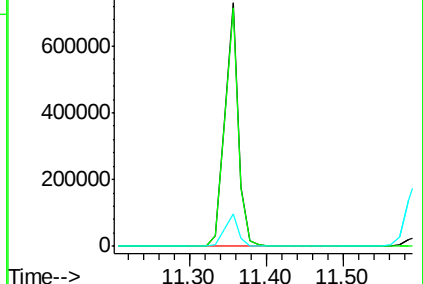
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.75 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion:232 Resp: 200984

Ion Ratio Lower Upper

232 100

131 48.1 0.0 0.0#

130 2.1 0.0 0.0#

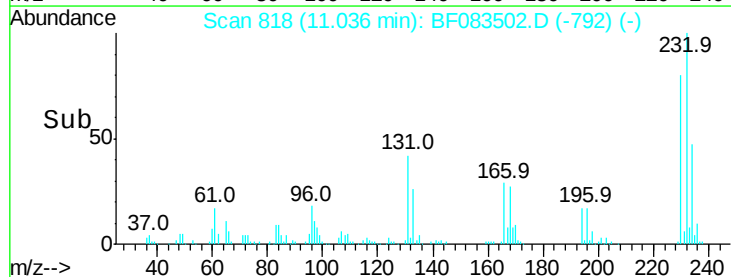
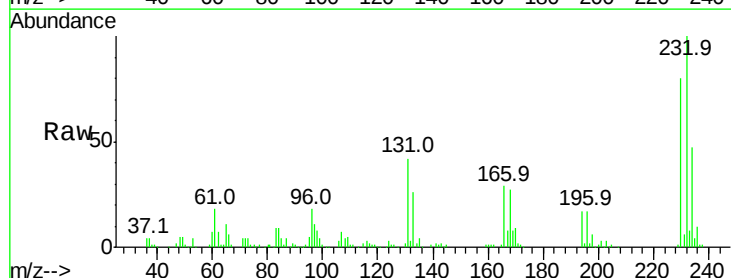
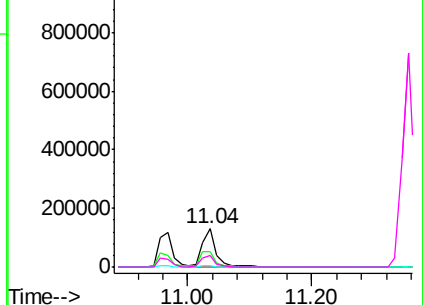
166 31.8 0.0 0.0#

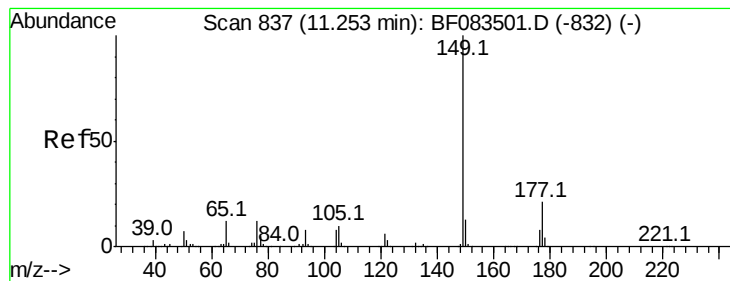
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.19 ng

RT: 11.26 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

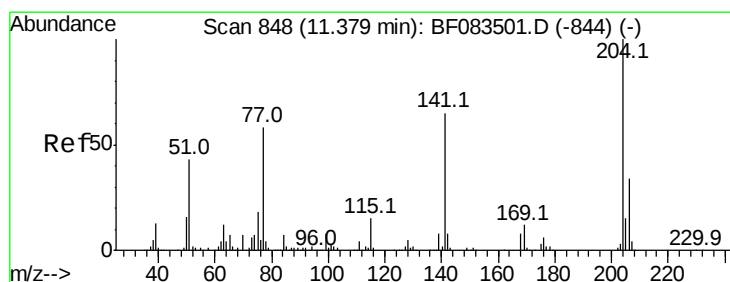
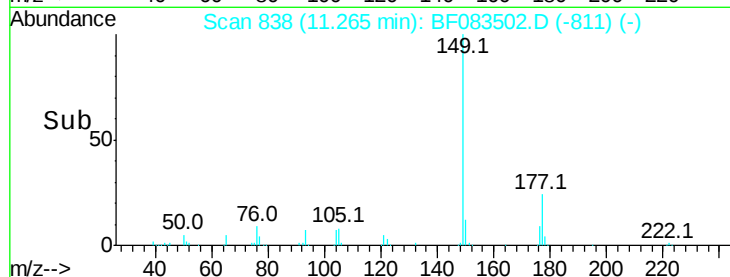
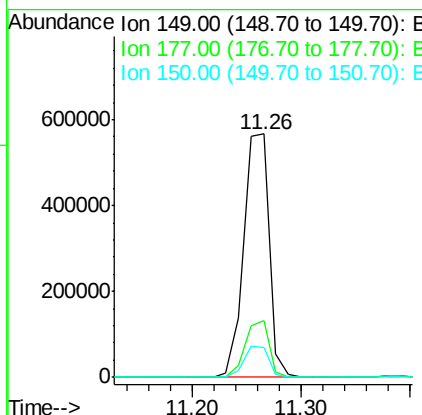
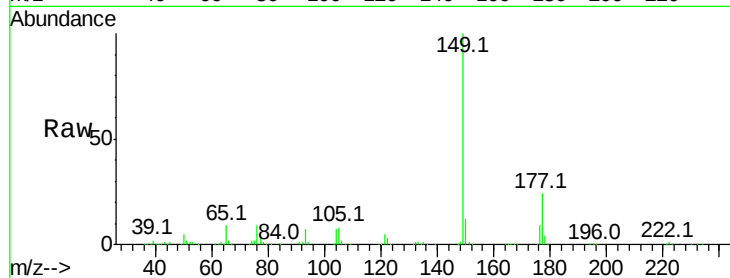
ClientSampleId :

SSTDICC050

Tot Ion:	149	Resp:	919729
Ion Ratio	Lower	Upper	
149	100		
177	23.5	16.9	25.3
150	12.2	10.2	15.4

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#60

4-Chlorophenyl-phenylether

Concen: 55.43 ng

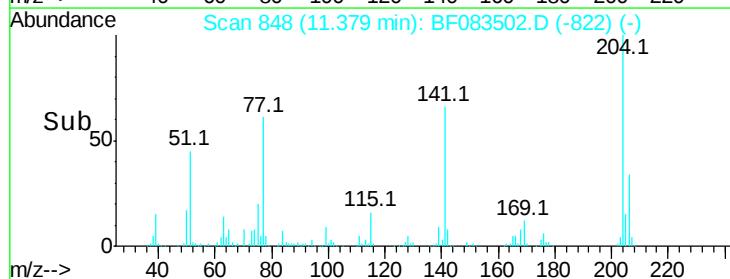
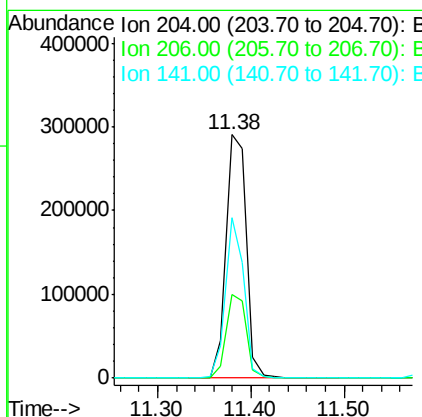
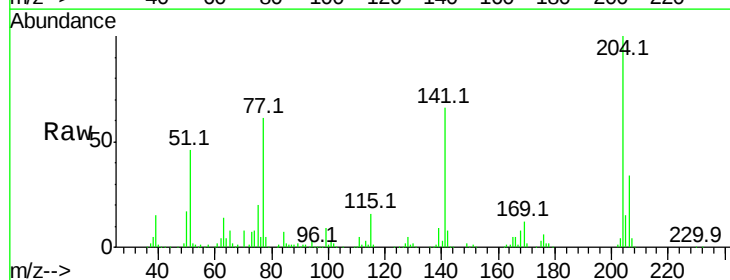
RT: 11.38 min Scan# 848

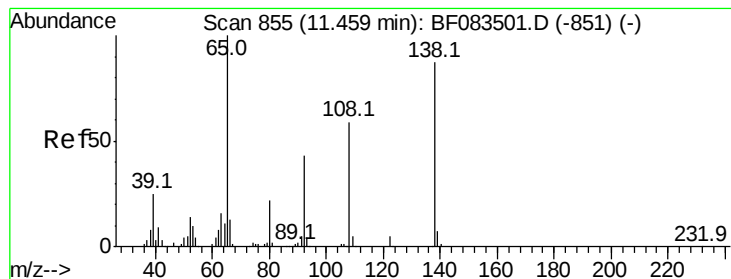
Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Tgt Ion:	204	Resp:	442088
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.3	40.9
141	65.7	51.9	77.9





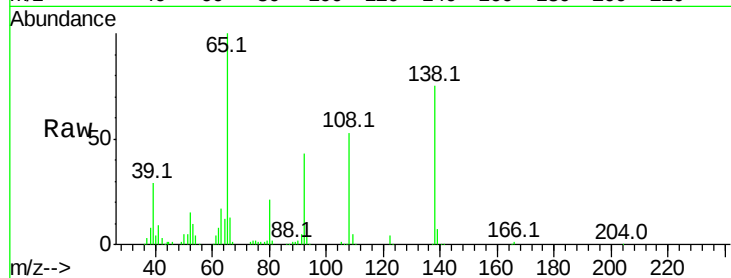
#61
4-Nitroaniline
Concen: 45.83 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

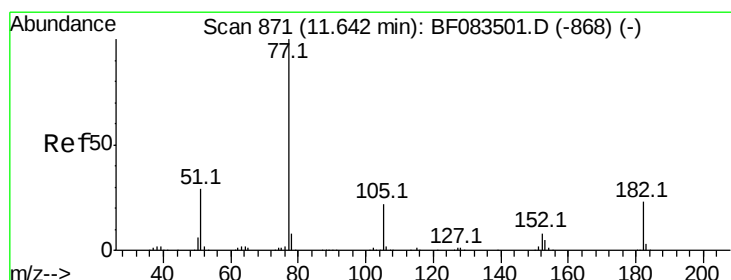
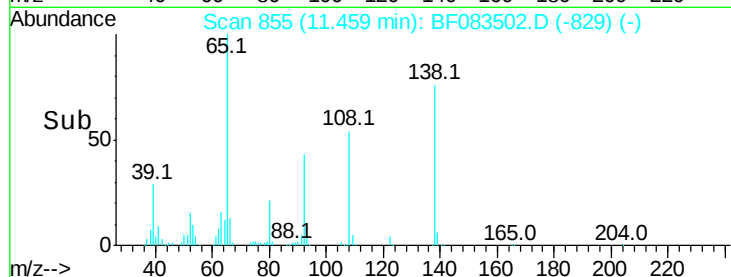
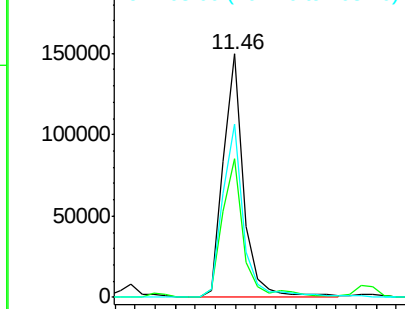
Tot Ion	Ratio	Lower	Upper
138	100		
92	57.0	29.0	69.0
108	70.9	47.4	87.4

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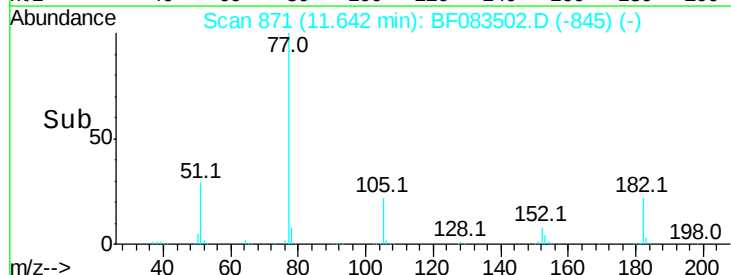
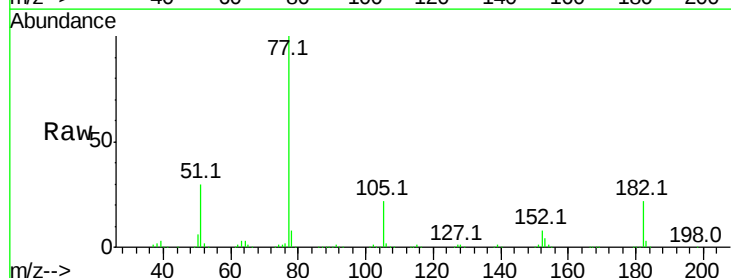
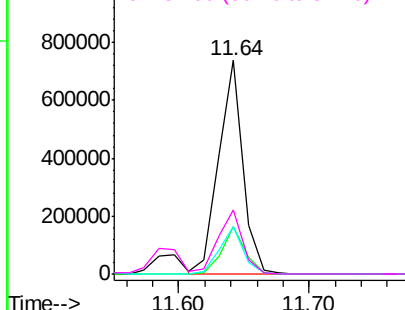
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

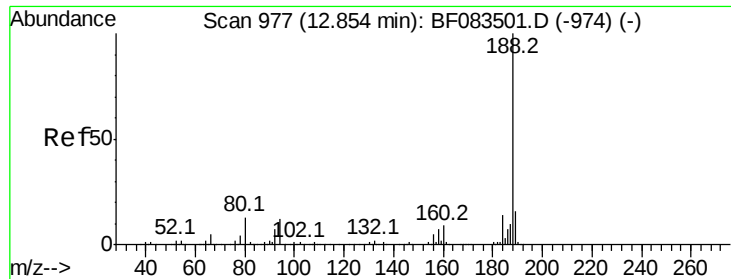


#62
Azobenzene
Concen: 44.14 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	2.5	42.5
105	22.0	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





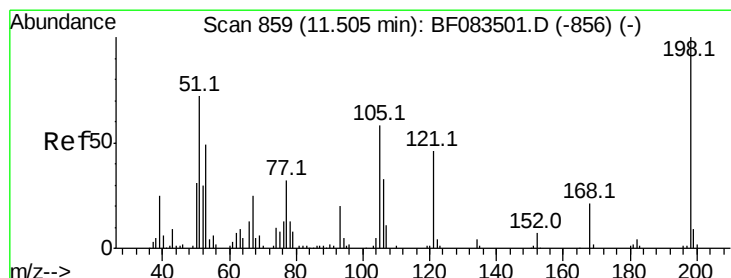
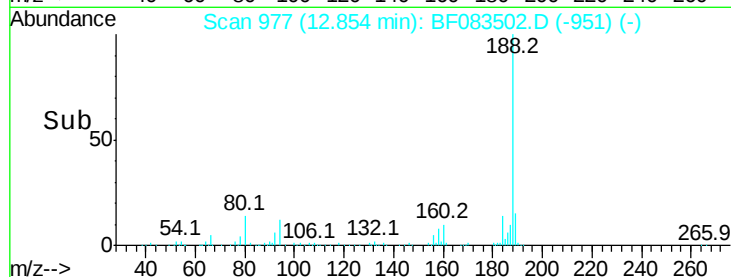
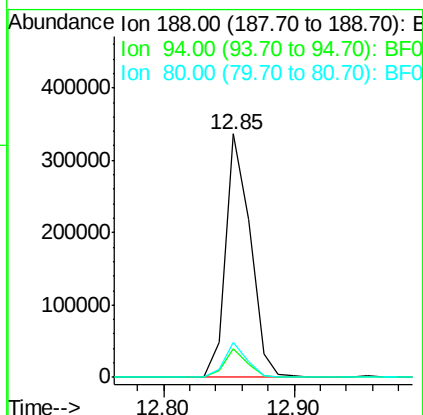
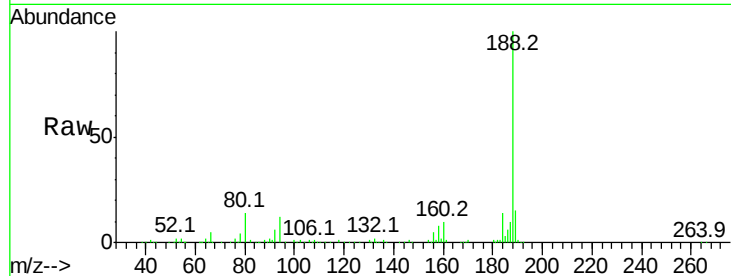
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100	441921		
94	11.6		9.4	14.2
80	14.1		10.6	16.0

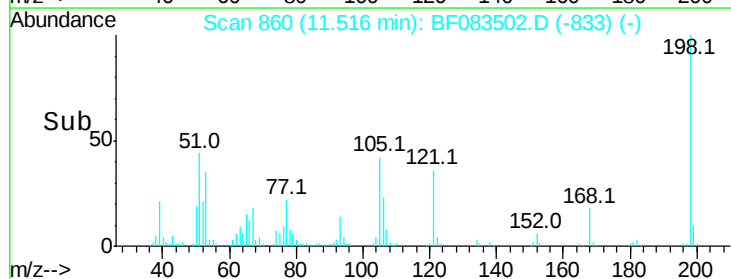
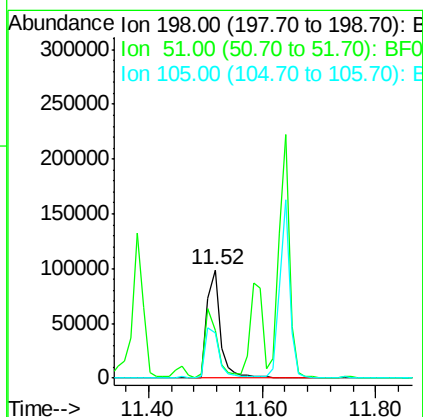
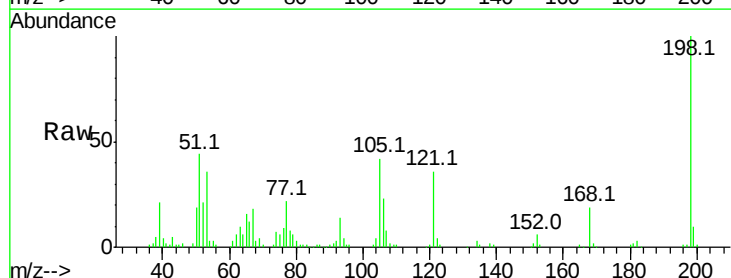
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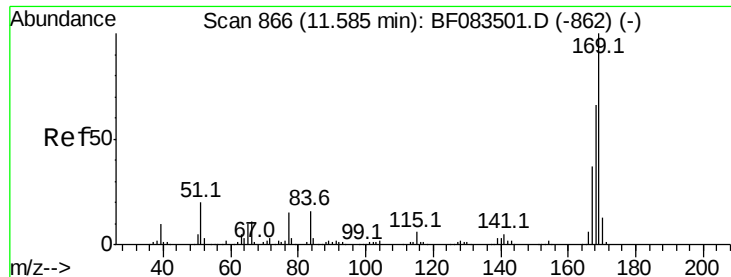
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.83 ng
 RT: 11.52 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	157153		
51	44.4		53.8	93.8#
105	42.4		38.6	78.6





#65

n-Nitrosodiphenylamine

Concen: 49.09 ng

RT: 11.60 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

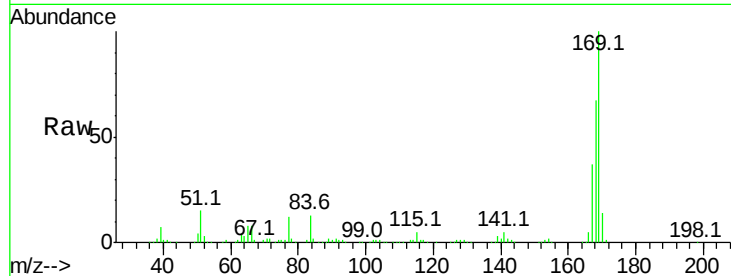
ClientSampleId :

SSTDIC050

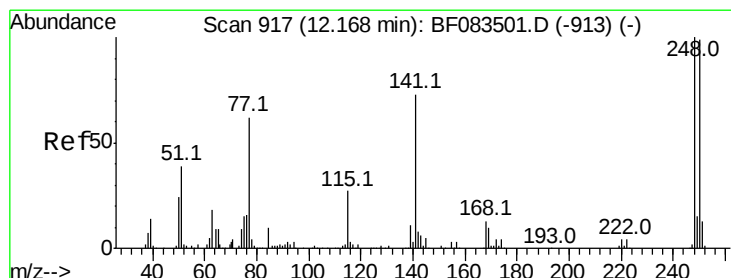
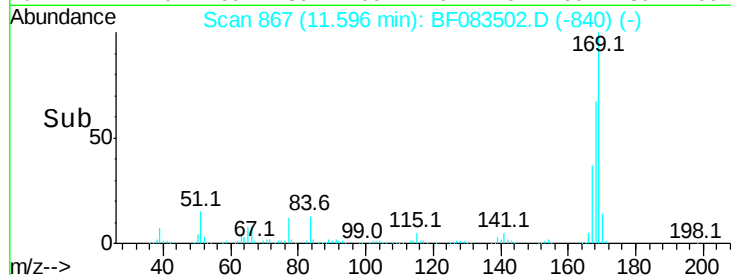
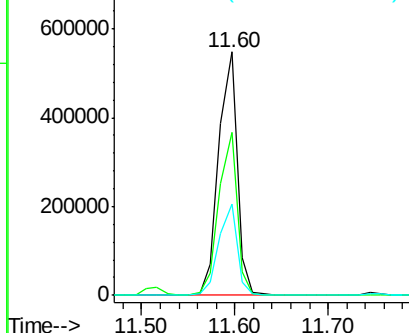
Tot Ion:	169	Resp:	756418
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.0	79.6
167	37.4	29.3	43.9

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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: 51.32 ng

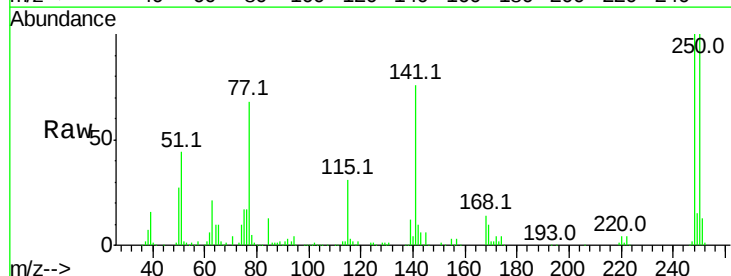
RT: 12.17 min Scan# 917

Delta R.T. -0.00 min

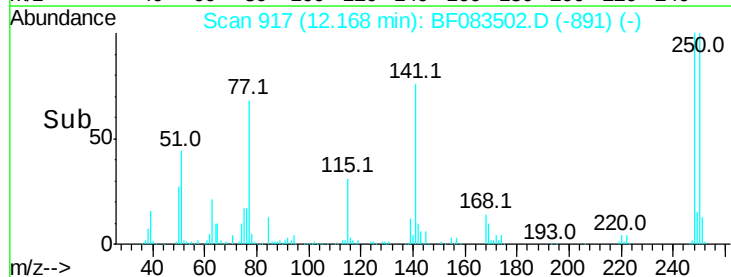
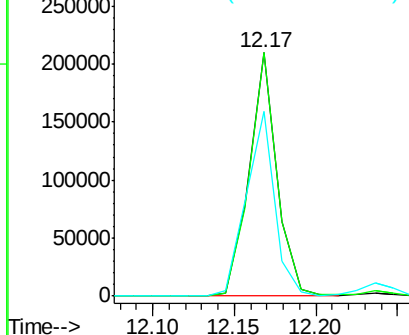
Lab File: BF083502.D

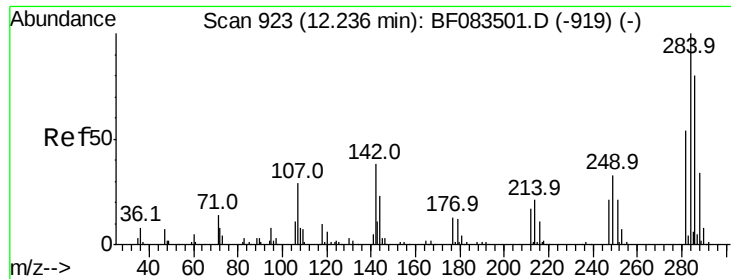
Acq: 5 Dec 2015 1:24

Tgt Ion:	248	Resp:	248751
Ion Ratio	Lower	Upper	
248	100		
250	99.9	79.2	118.8
141	75.7	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





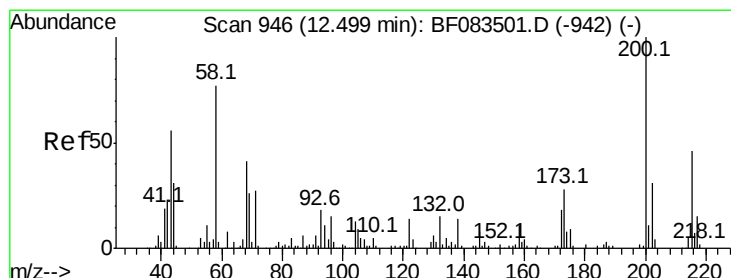
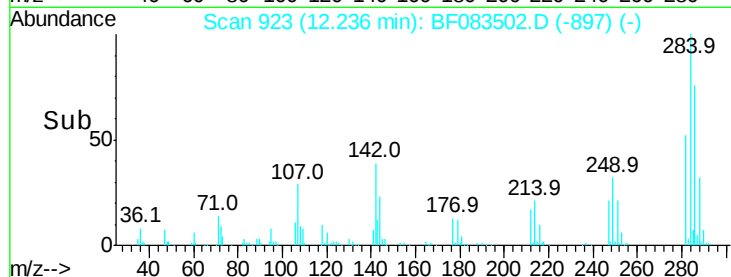
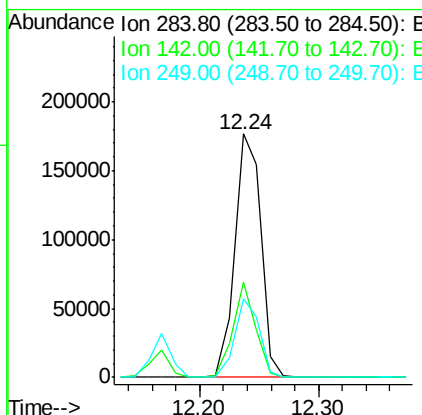
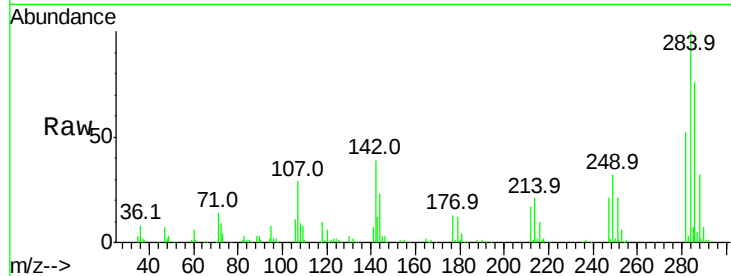
#67
Hexachlorobenzene
Concen: 50.65 ng
RT: 12.24 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	269776		
142	39.3		31.0	46.4
249	32.1		26.9	40.3

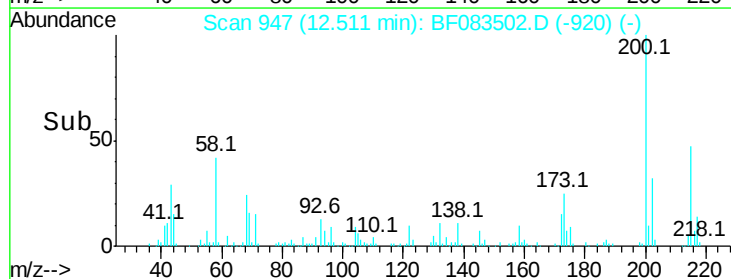
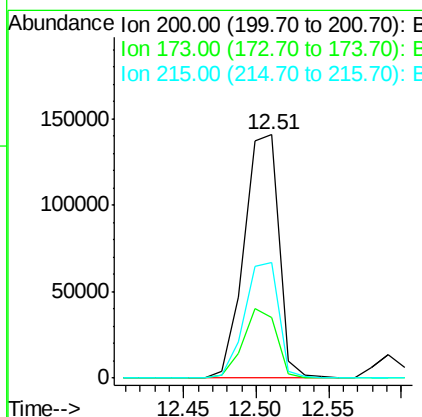
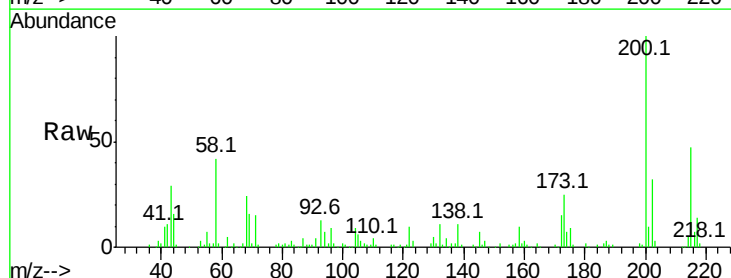
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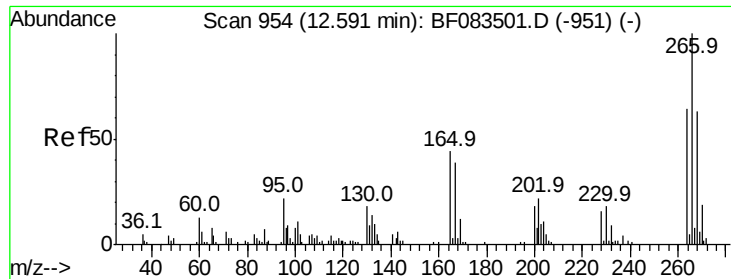
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#68
Atrazine
Concen: 53.45 ng
RT: 12.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234460		
173	25.1		7.8	47.8
215	47.3		25.7	65.7





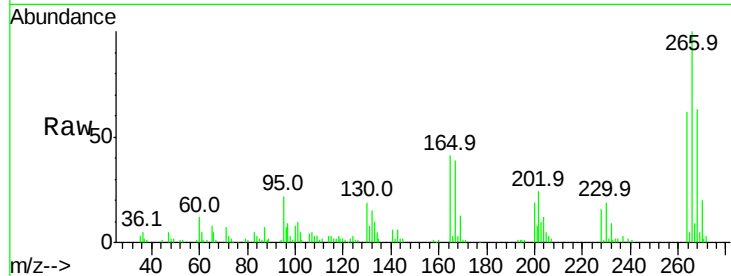
#69
 Pentachlorophenol
 Concen: 43.36 ng
 RT: 12.59 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

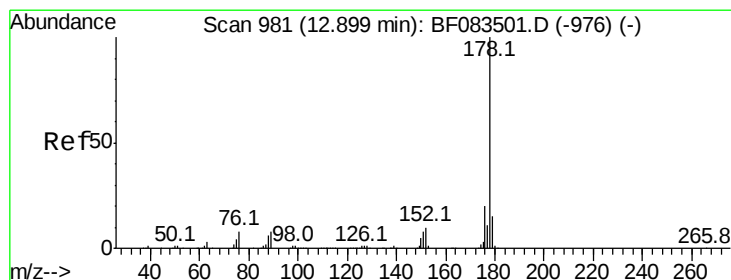
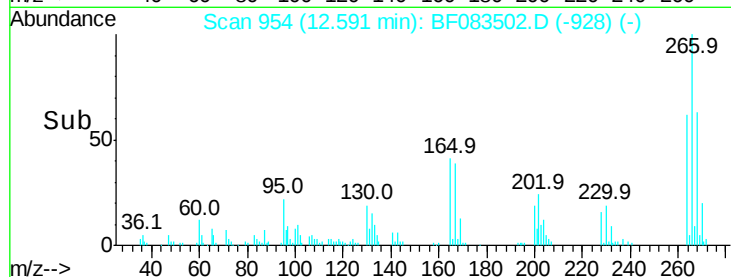
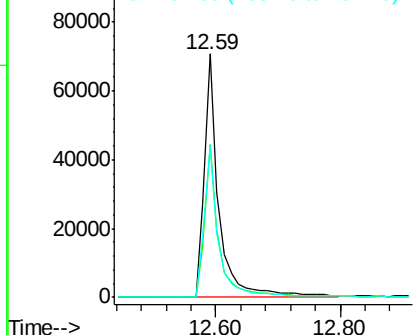
Tot Ion	Ratio	Resp	Lower	Upper
266	100	116976		
268	62.5	50.2	75.2	
264	62.2	51.4	77.2	

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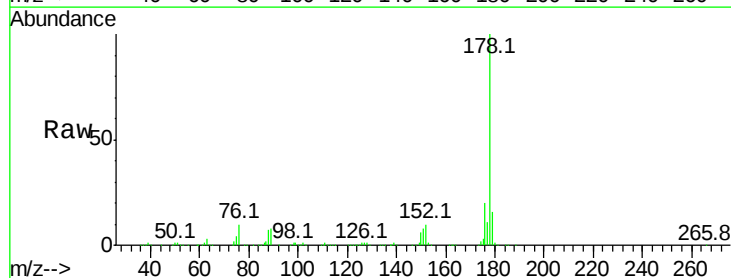


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

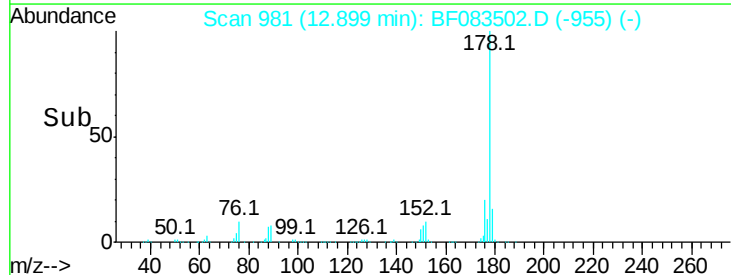
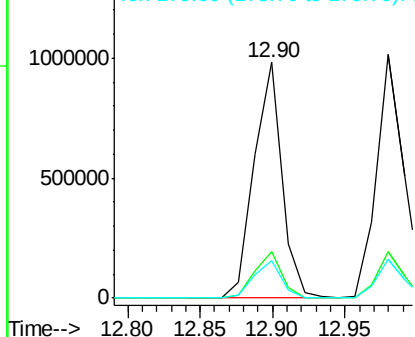


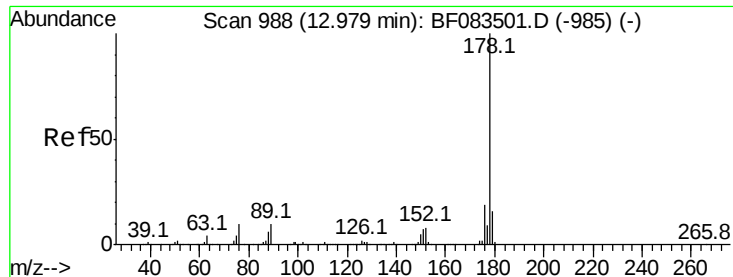
#70
 Phenanthrene
 Concen: 49.96 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1308457		
176	19.9	15.7	23.5	
179	15.9	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





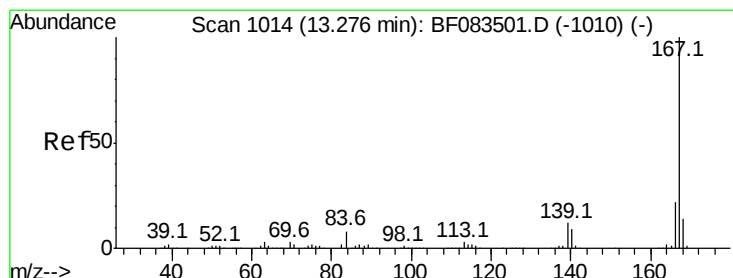
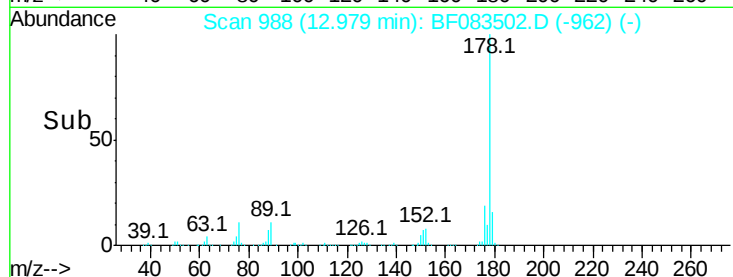
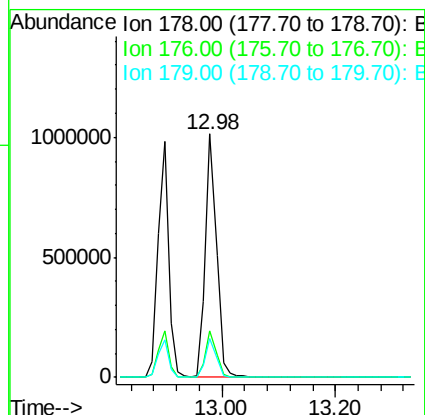
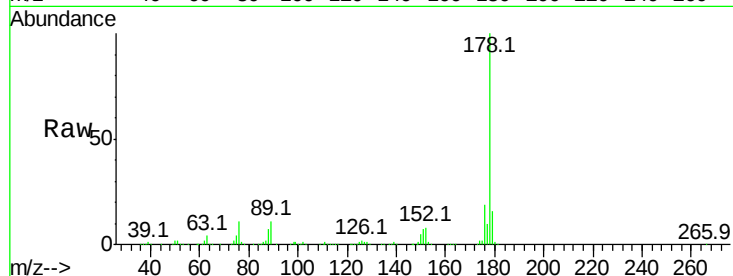
#71
 Anthracene
 Concen: 50.64 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

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

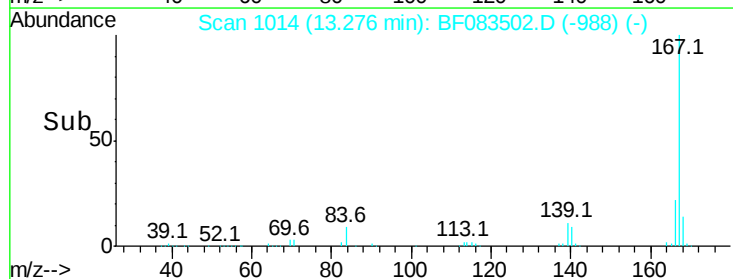
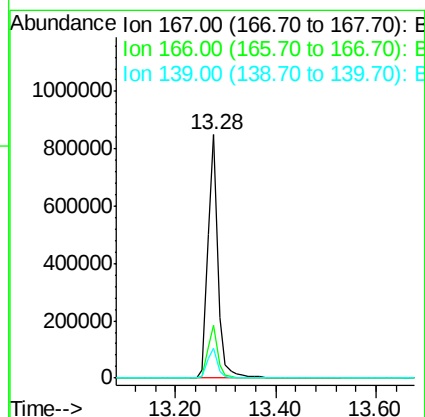
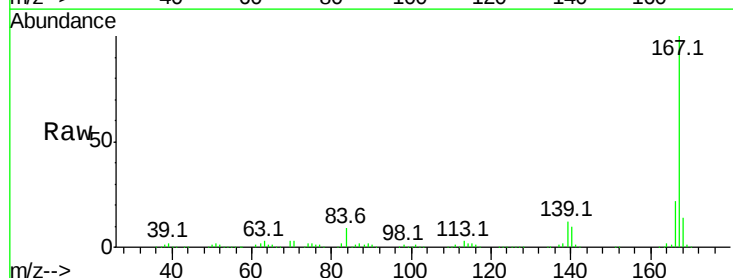
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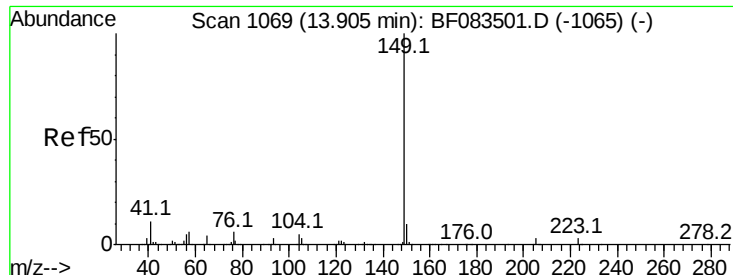
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#72
 Carbazole
 Concen: 49.87 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.5	9.3	13.9





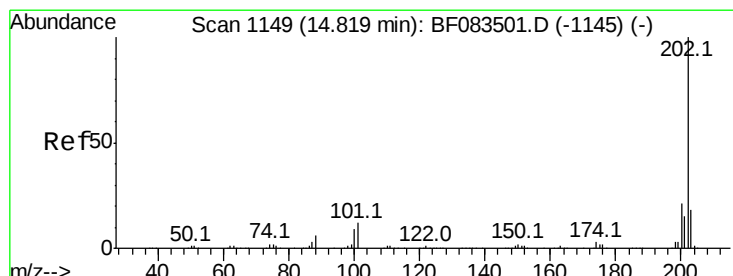
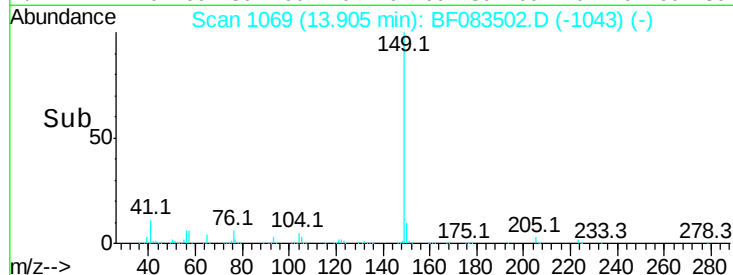
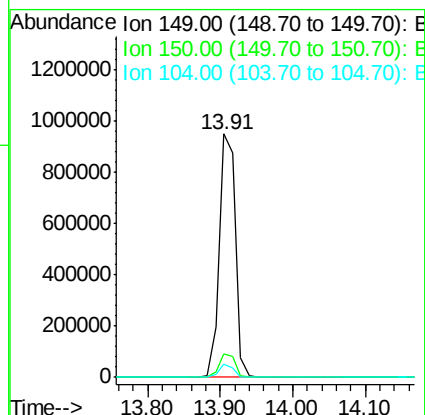
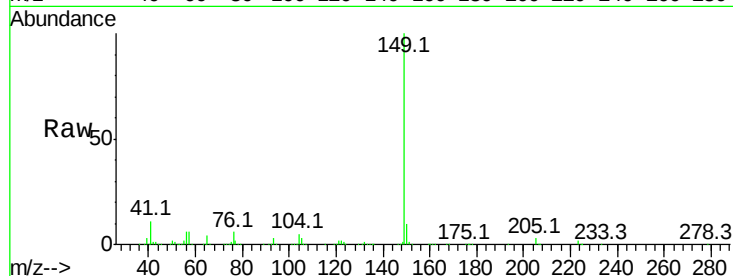
#73
Di-n-butylphthalate
Concen: 51.56 ng
RT: 13.91 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.4	3.9	5.9

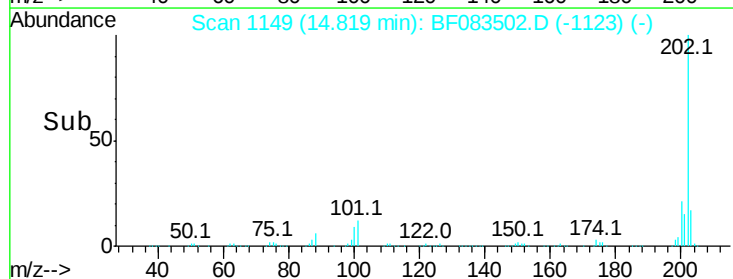
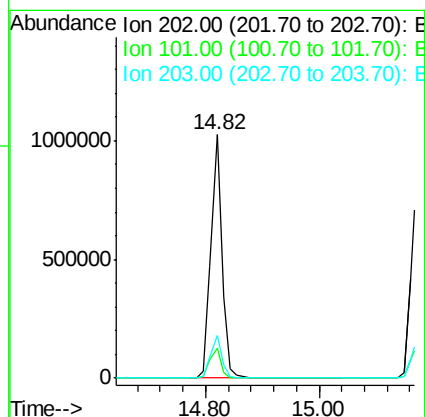
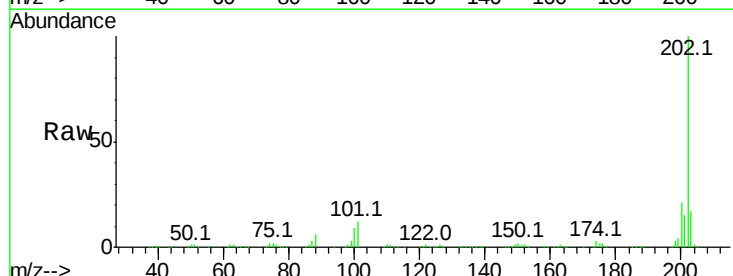
Manual Integrations
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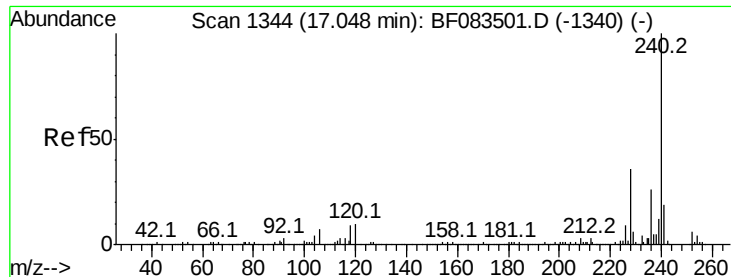
Mmdadoda
12/7/2015 6:30:43 PM



#74
Fluoranthene
Concen: 49.28 ng
RT: 14.82 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	17.5	0.0	37.6





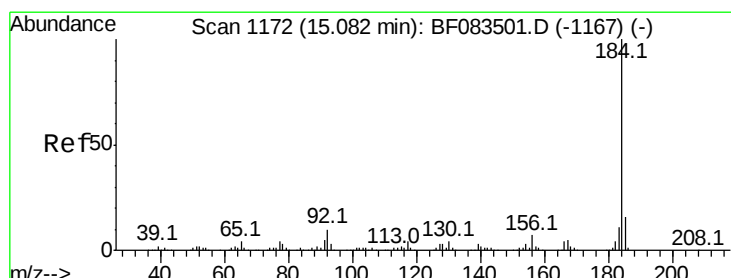
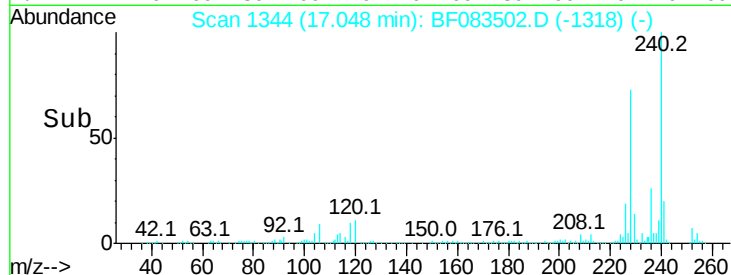
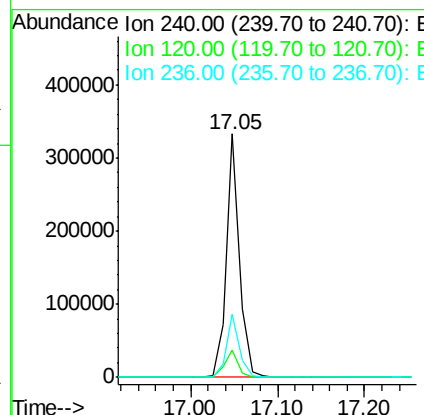
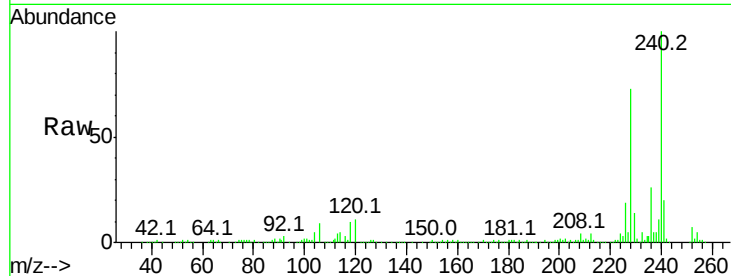
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.05 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.3	8.1	12.1
236	26.2	20.8	31.2

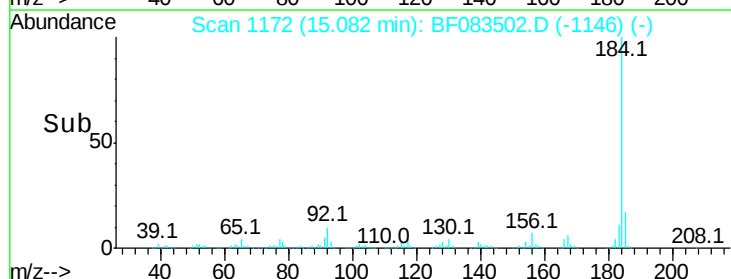
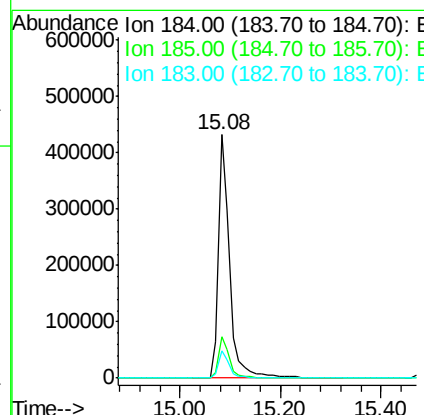
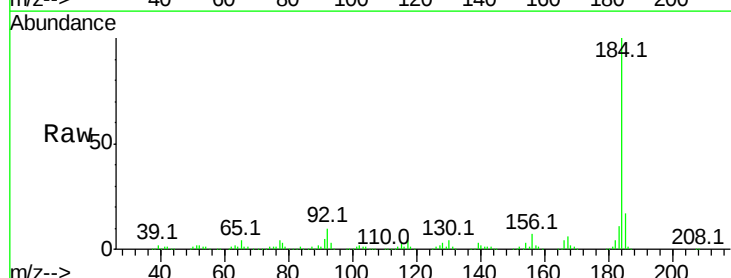
Manual Integrations
 APPROVED

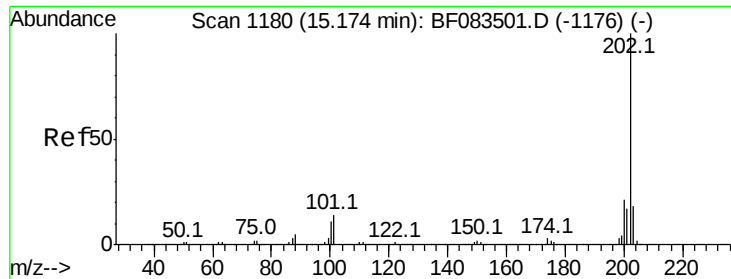
Mmdadoda
 12/7/2015 6:30:43 PM



#76
 Benzidine
 Concen: 61.25 ng
 RT: 15.08 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	17.2	13.0	19.6
183	11.4	9.0	13.4





#77

Pvrene

Concen: 54.11 ng

RT: 15.17 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 1358384

Ion Ratio Lower Upper

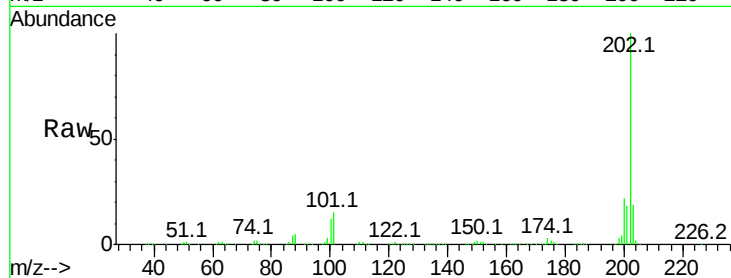
202 100

200 21.7 16.7 25.1

203 18.5 14.3 21.5

Manual Integrations
APPROVED

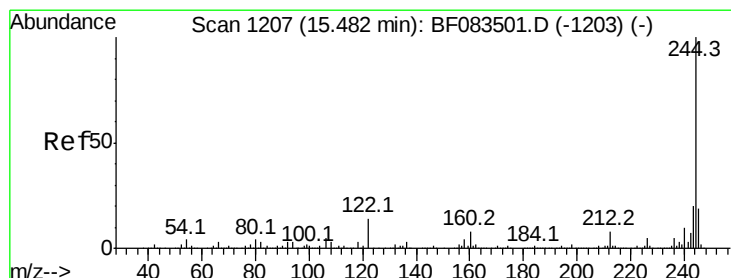
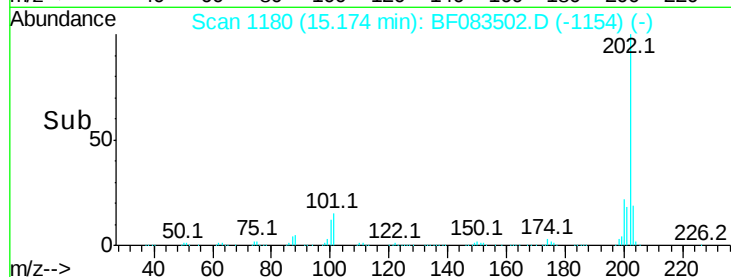
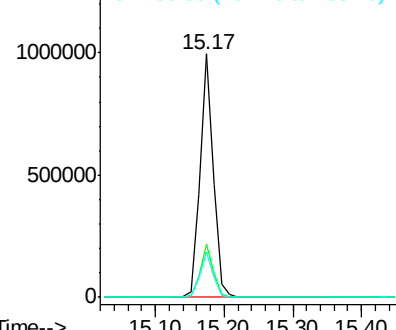
Mmdadoda
12/7/2015 6:30:43 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.06 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083502.D

Acq: 5 Dec 2015 1:24

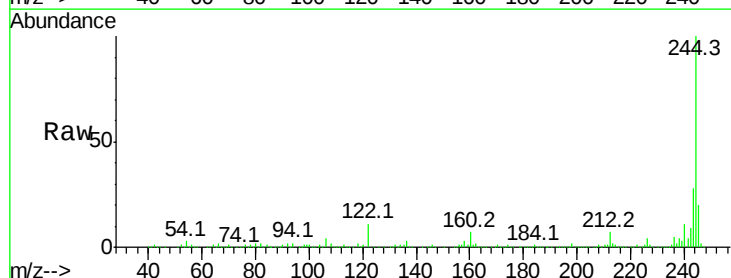
Tgt Ion:244 Resp: 1605921

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

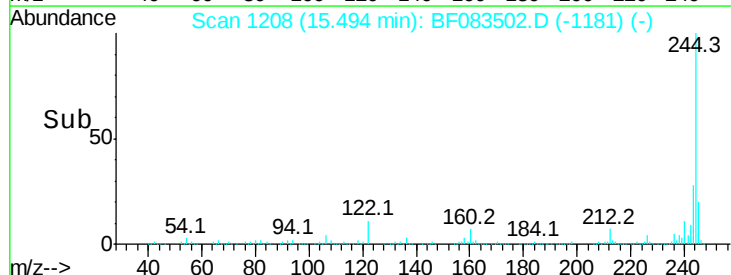
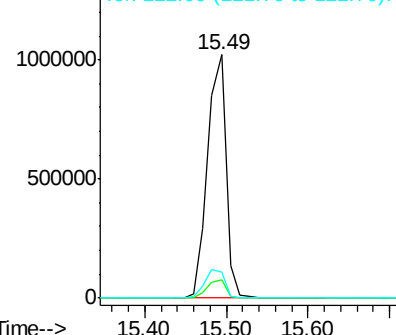
122 10.8 11.0 16.6#

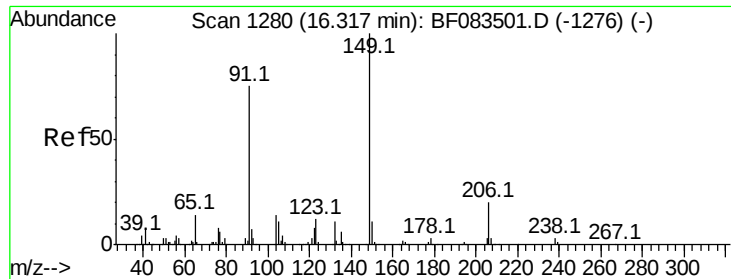


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





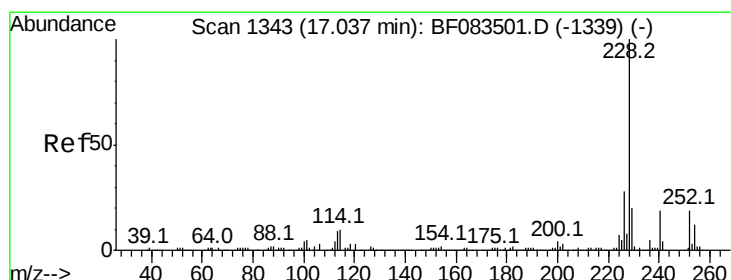
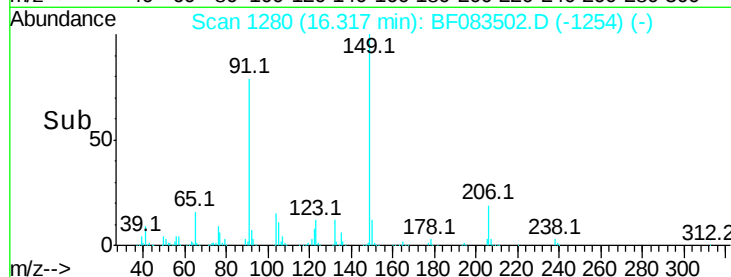
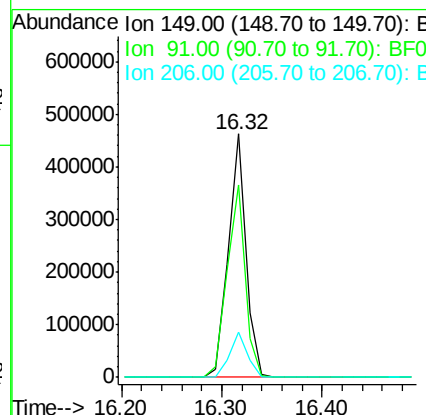
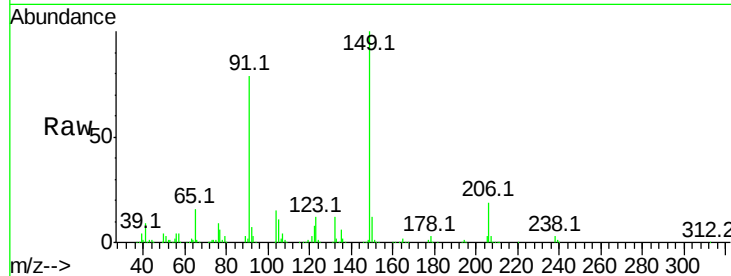
#79
Butylbenzylphthalate
Concen: 53.19 ng
RT: 16.32 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	565513		
91	79.1	60.0	90.0	
206	18.8	16.2	24.4	

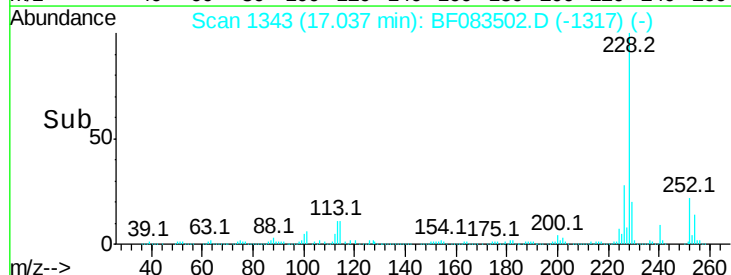
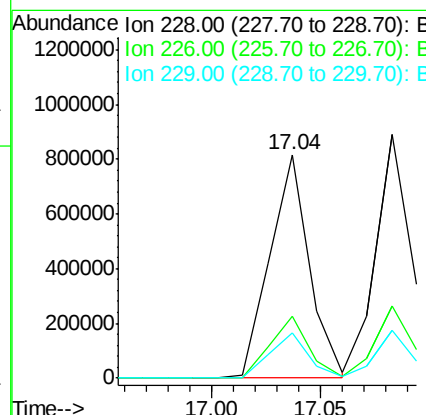
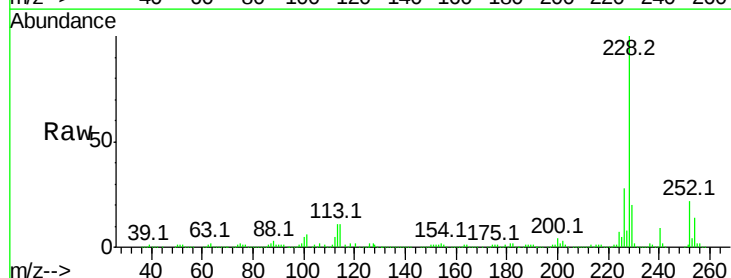
Manual Integrations
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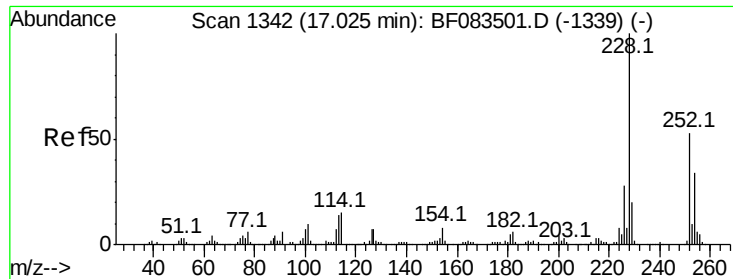
Mmdadoda
12/7/2015 6:30:43 PM



#80
Benzo(a)anthracene
Concen: 47.82 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1033341		
226	27.9	22.3	33.5	
229	20.3	15.7	23.5	





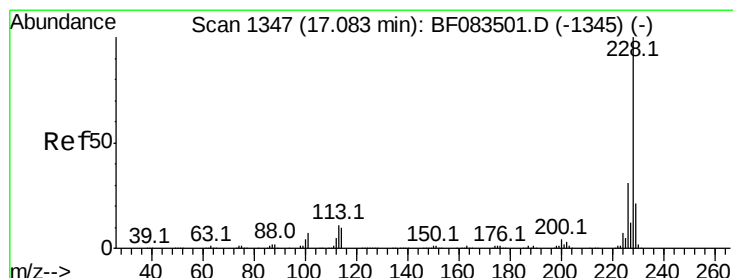
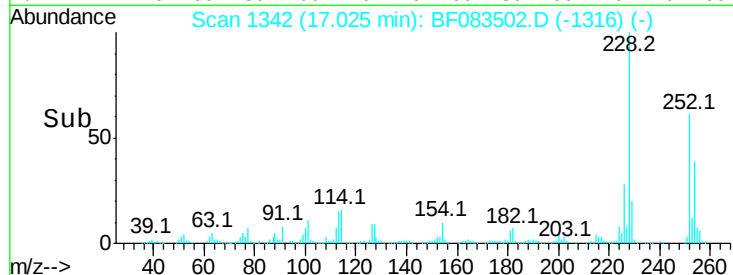
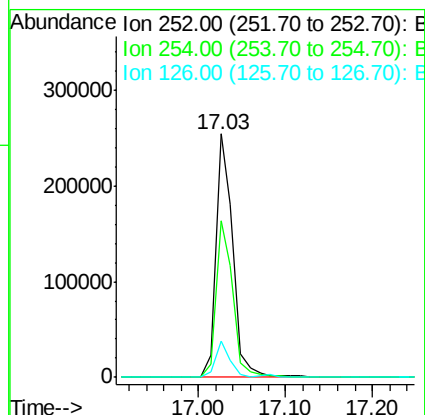
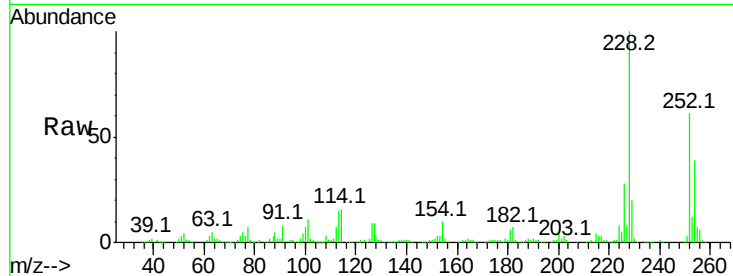
#81
 3,3'-Dichlorobenzidine
 Concen: 51.18 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.6	76.0
126	14.9	11.0	16.4

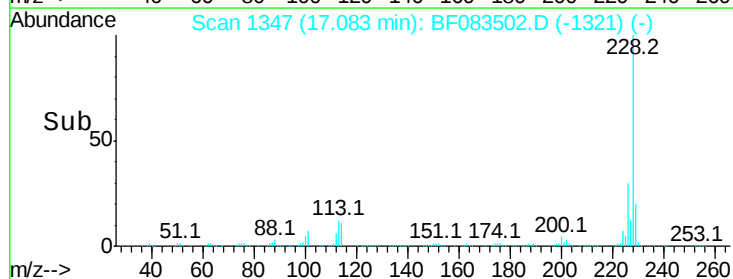
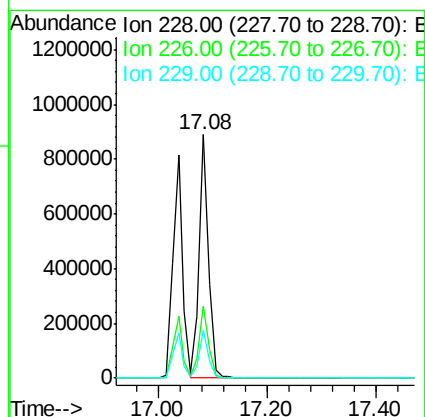
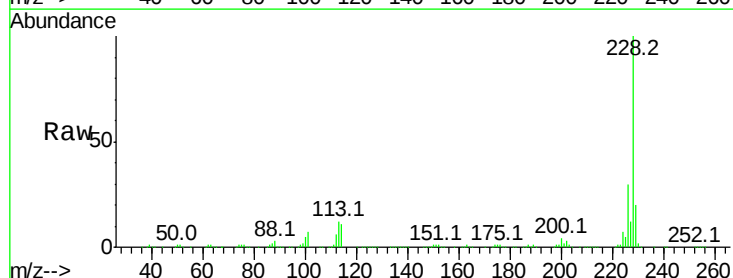
Manual Integrations
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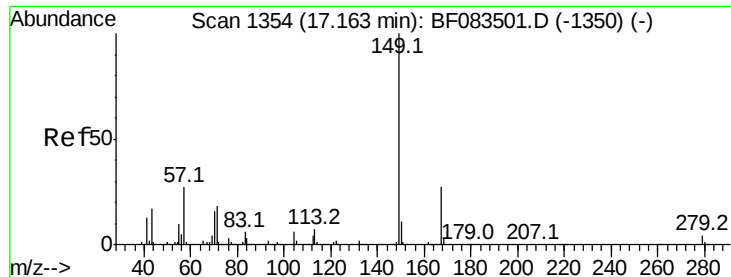
Mmdadoda
 12/7/2015 6:30:43 PM



#82
 Chrysene
 Concen: 49.67 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.7	16.3	24.5





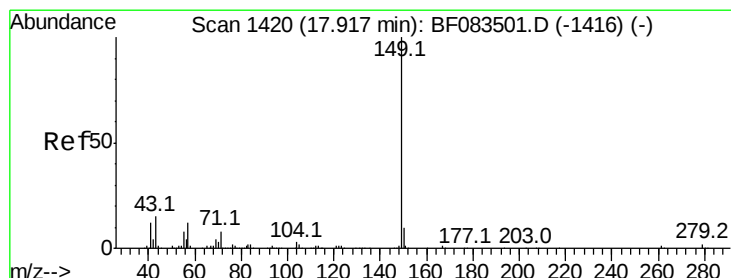
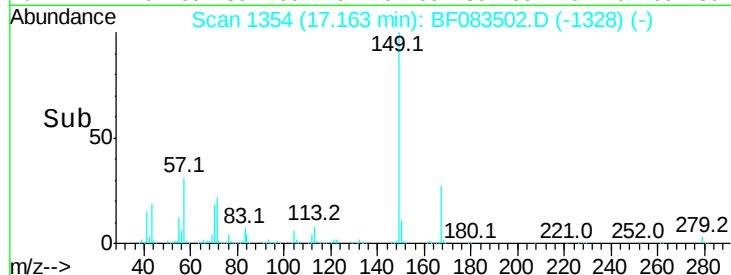
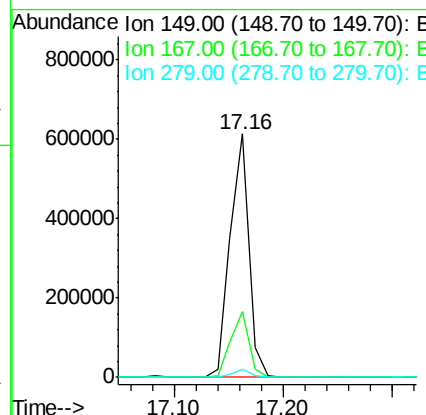
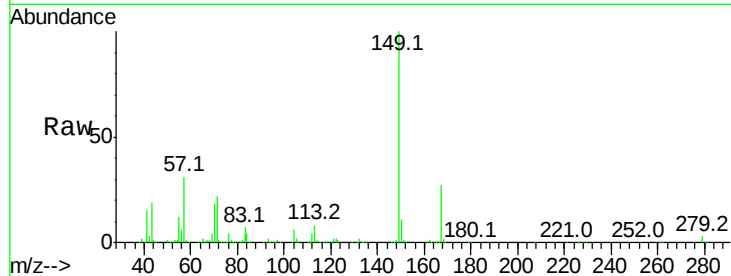
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.45 ng
 RT: 17.16 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	730325		
167	27.0		21.8	32.8
279	3.1		3.0	4.4

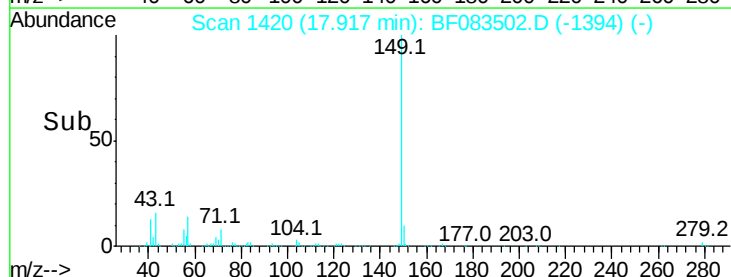
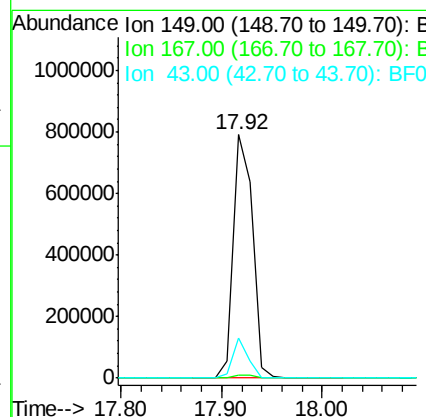
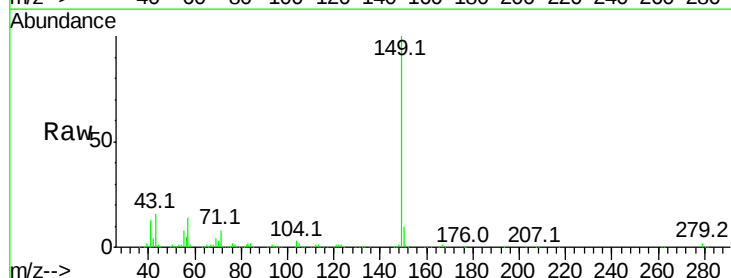
Manual Integrations
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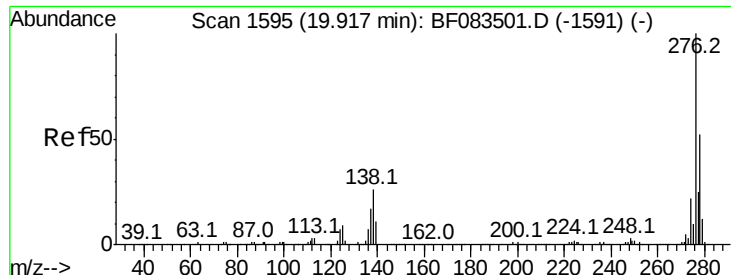
Mmdadoda
 12/7/2015 6:30:43 PM



#84
 Di-n-octyl phthalate
 Concen: 50.61 ng
 RT: 17.92 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1050273		
167	1.5		0.0	0.0#
43	13.5		0.0	0.0#





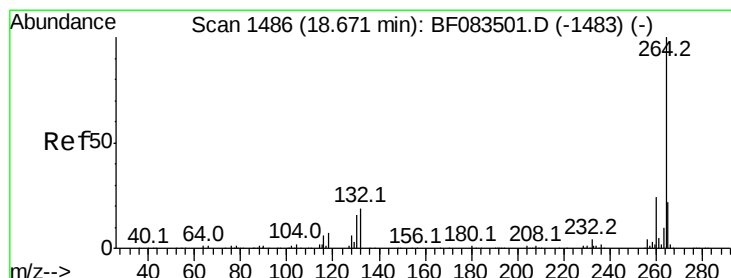
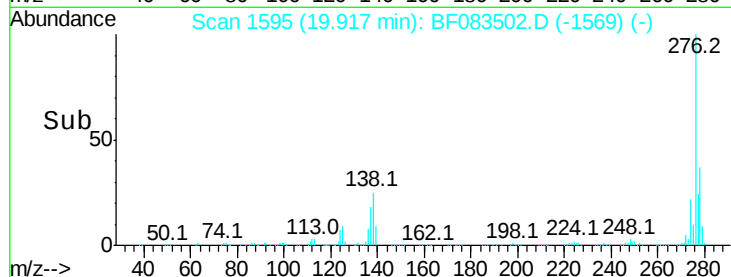
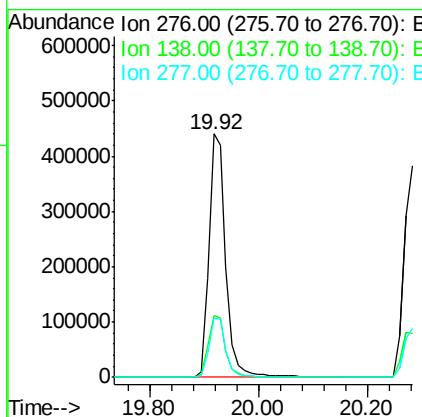
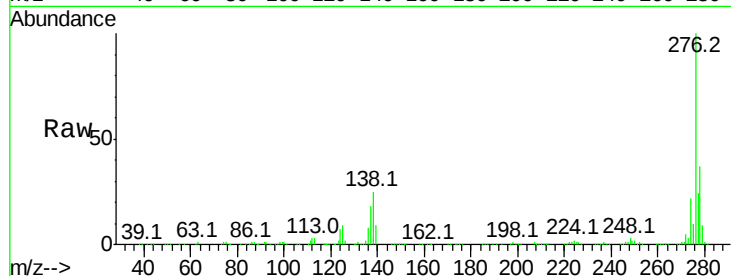
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.31 ng
RT: 19.92 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.3	0.0	0.0#
277	24.7	0.0	0.0#

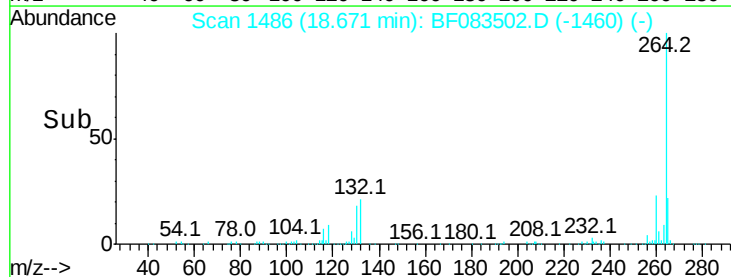
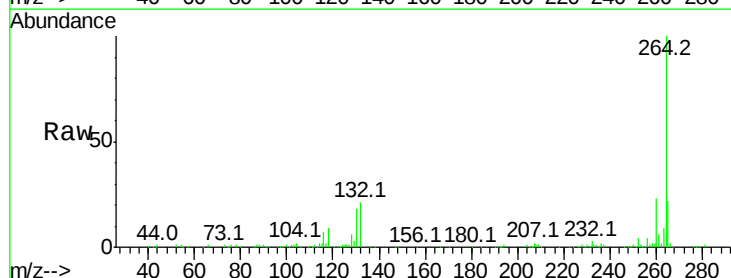
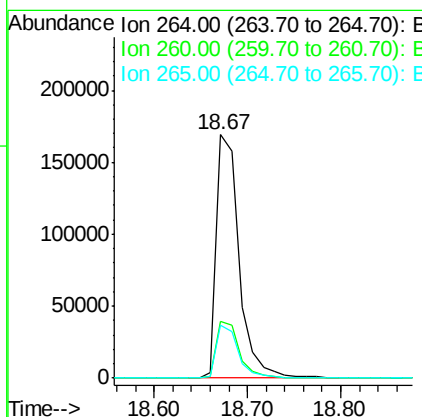
Manual Integrations
APPROVED

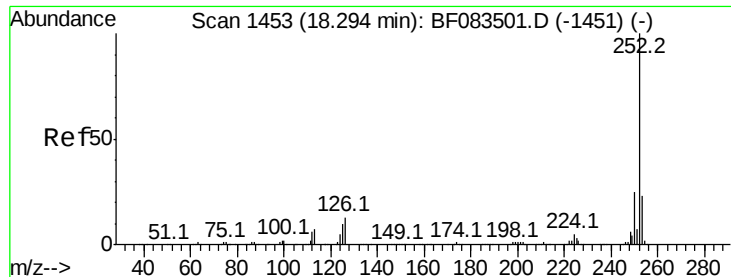
Mmdadoda
12/7/2015 6:30:43 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.8	17.8	26.6





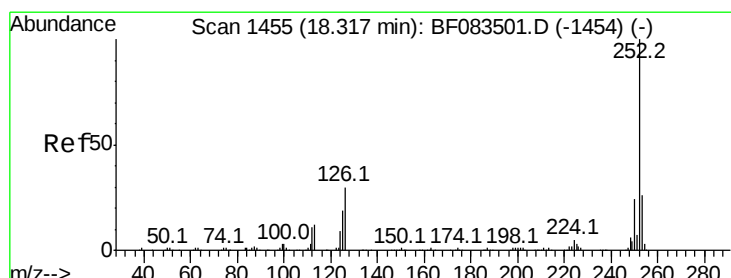
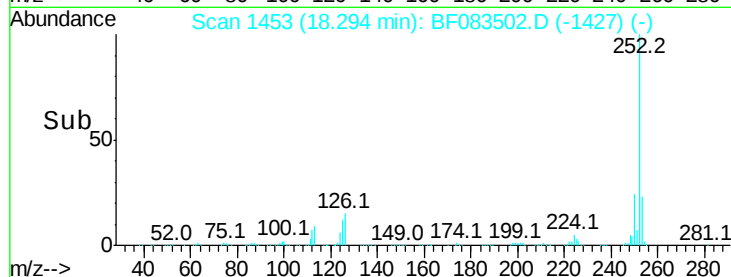
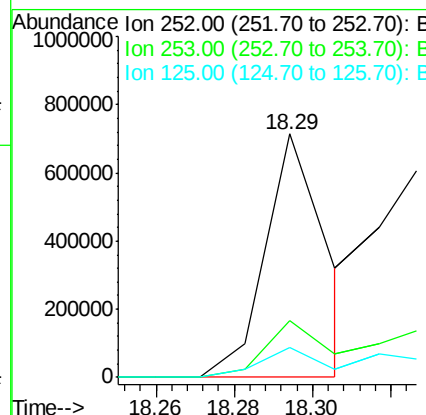
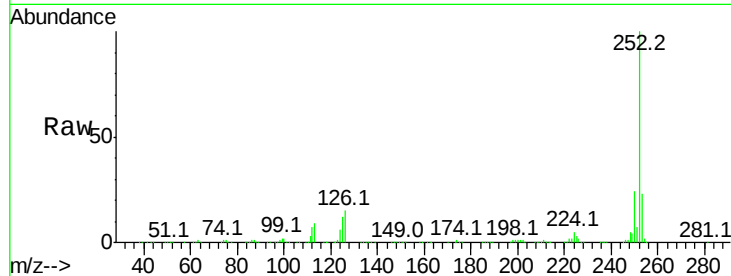
#87
Benzo(b)fluoranthene
Concen: 42.85 ng m
RT: 18.29 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	12.1	8.2	12.4

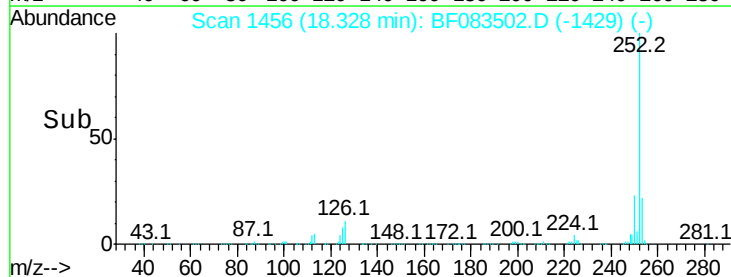
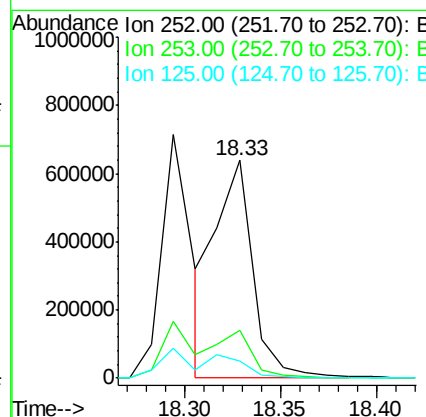
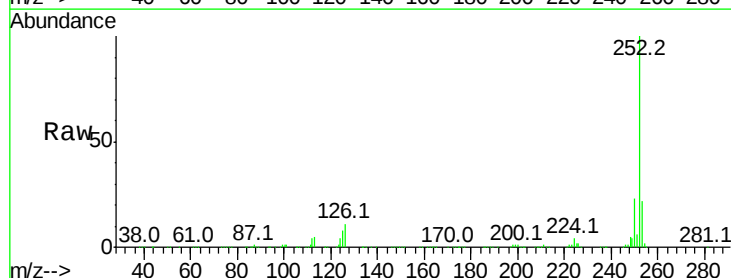
Manual Integrations
APPROVED

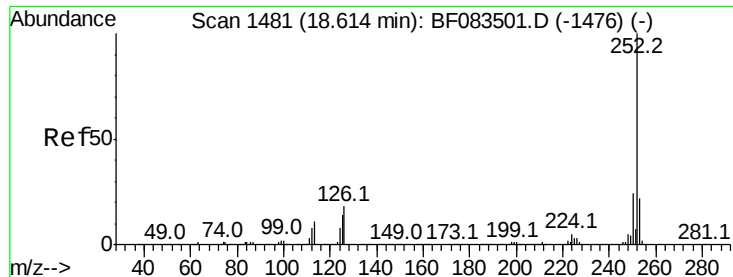
Mmdadoda
12/7/2015 6:30:43 PM



#88
Benzo(k)fluoranthene
Concen: 49.61 ng m
RT: 18.33 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	8.0	11.5	17.3





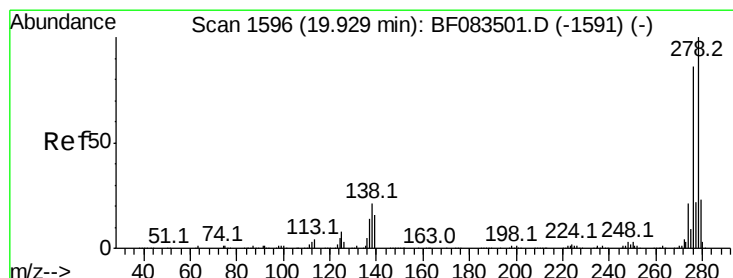
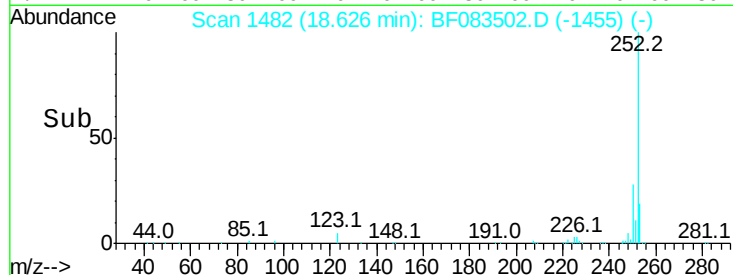
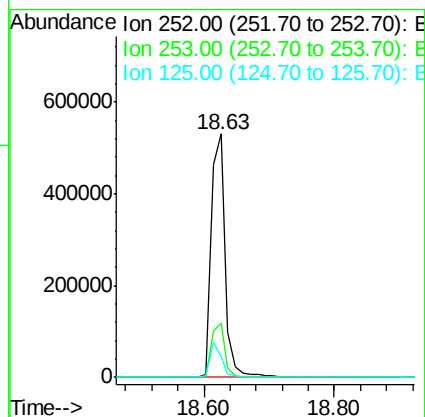
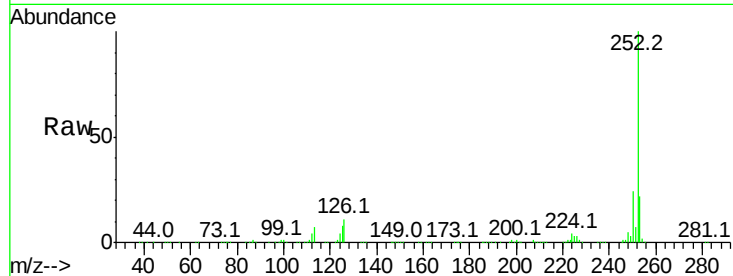
#89
Benzo(a)pyrene
Concen: 49.92 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.4	11.0	16.6

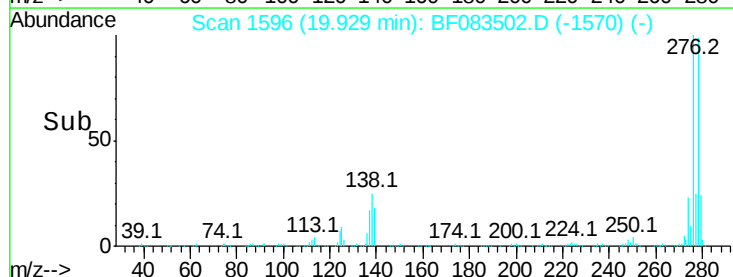
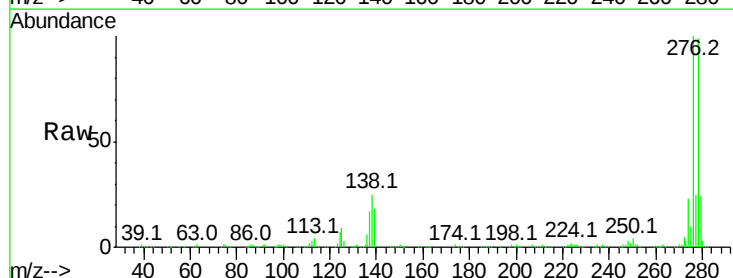
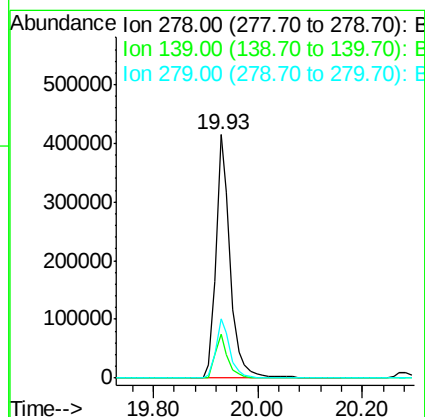
Manual Integrations
APPROVED

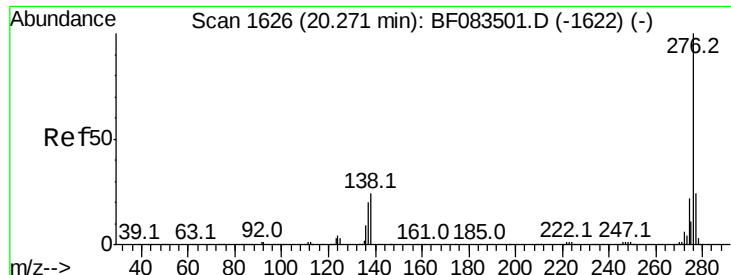
Mmdadoda
12/7/2015 6:30:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.83 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF083502.D
Acq: 5 Dec 2015 1:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	24.3	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 56.94 ng
 RT: 20.28 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF083502.D
 Acq: 5 Dec 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	276	Resp:	794867
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.2	28.8
138	20.8	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:43 PM

