

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082831.D
 Acq On : 9 Nov 2015 15:02
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:03 PM

Quant Time: Nov 10 04:44:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266797	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1022224	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	483061	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	913668	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	715440	20.00	ng	-0.01
86) Perylene-d12	15.45	264	741327	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1404066	81.88	ng	-0.01
7) Phenol-d6	6.48	99	1749449	76.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	1695978	72.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	390011	70.41	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2554144	75.78	ng	-0.02
78) Terphenyl-d14	12.94	244	2381552	78.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	336373	45.46	ng	97
3) Pyridine	3.13	79	1013659	47.22	ng	99
4) n-Nitrosodimethylamine	3.09	42	430554	40.44	ng	# 74
6) Aniline	6.50	93	1249347	39.03	ng	97
8) 2-Chlorophenol	6.62	128	735407	38.69	ng	96
9) Benzaldehyde	6.37	77	497954	39.54	ng	90
10) Phenol	6.49	94	1019594	39.42	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	716662	37.05	ng	94
12) 1,3-Dichlorobenzene	6.77	146	820105m	38.25	ng	
13) 1,4-Dichlorobenzene	6.85	146	886593	39.75	ng	93
14) 1,2-Dichlorobenzene	7.00	146	712319	35.12	ng	93
15) Benzyl Alcohol	6.98	79	722649	36.10	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1127581	39.74	ng	98
17) 2-Methylphenol	7.09	107	611251	37.97	ng	99
18) Hexachloroethane	7.34	117	303028	37.98	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	656580	39.18	ng	# 81
20) 3+4-Methylphenols	7.25	107	751910	35.92	ng	95
22) Acetophenone	7.25	105	1113659	38.02	ng	# 92
24) Nitrobenzene	7.42	77	945147	39.34	ng	95
25) Isophorone	7.66	82	1630472	37.51	ng	98
26) 2-Nitrophenol	7.73	139	361583	36.06	ng	# 80
27) 2,4-Dimethylphenol	7.78	122	630477	34.99	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	903985	36.87	ng	# 97
29) 2,4-Dichlorophenol	7.98	162	666568	40.93	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	684776	37.39	ng	97
31) Naphthalene	8.14	128	2050495	36.36	ng	99
32) Benzoic acid	7.92	122	537036	43.53	ng	92
33) 4-Chloroaniline	8.19	127	823506	33.88	ng	94
34) Hexachlorobutadiene	8.27	225	435397	37.99	ng	97
35) Caprolactam	8.58	113	211476	41.19	ng	# 68
36) 4-Chloro-3-methylphenol	8.68	107	730785	38.16	ng	# 84
37) 2-Methylnaphthalene	8.83	142	1245848	34.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	601603	37.90	ng	98
40) Hexachlorocyclopentadiene	8.99	237	340892	39.97	ng	99

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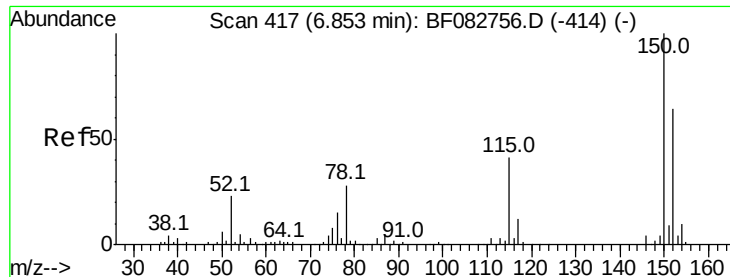
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	477900	40.33	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	460920	39.33	nq	93
45) 1,1'-Biphenyl	9.30	154	1506408	36.34	nq	95
46) 2-Chloronaphthalene	9.32	162	1222196	37.80	nq	97
47) 2-Nitroaniline	9.41	65	462867	38.59	nq	# 85
48) Acenaphthylene	9.73	152	1843813	36.39	nq	99
49) Dimethylphthalate	9.61	163	1592327	40.23	nq	99
50) 2,6-Dinitrotoluene	9.66	165	370631	43.89	nq	# 65
51) Acenaphthene	9.90	154	1234072	38.43	nq	99
52) 3-Nitroaniline	9.82	138	338031	36.40	nq	88
53) 2,4-Dinitrophenol	9.93	184	182516	39.37	nq	# 28
54) Dibenzofuran	10.08	168	1583208	36.56	nq	95
55) 4-Nitrophenol	9.98	139	300585	42.19	nq	# 80
56) 2,4-Dinitrotoluene	10.06	165	500449	43.68	nq	# 77
57) Fluorene	10.42	166	1169578	33.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	395801	41.38	nq	# 88
59) Diethylphthalate	10.30	149	1527892	39.54	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	677843	38.63	nq	100
61) 4-Nitroaniline	10.44	138	359467	38.49	nq	# 82
62) Azobenzene	10.58	77	1739037	41.89	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	301635	46.34	nq	81
65) n-Nitrosodiphenylamine	10.53	169	1117589	33.86	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	404899	36.80	nq	# 94
67) Hexachlorobenzene	10.97	284	446087	36.31	nq	90
68) Atrazine	11.06	200	392090	38.41	nq	97
69) Pentachlorophenol	11.16	266	287370	38.52	nq	98
70) Phenanthrene	11.38	178	1834642	34.58	nq	100
71) Anthracene	11.44	178	2167036	38.77	nq	100
72) Carbazole	11.58	167	1740741	35.58	nq	100
73) Di-n-butylphthalate	11.93	149	2300088	37.73	nq	99
74) Fluoranthene	12.57	202	2159099	37.92	nq	99
76) Benzidine	12.68	184	1102423	45.98	nq	99
77) Pyrene	12.80	202	2147655	43.71	nq	100
79) Butylbenzylphthalate	13.43	149	1034107	47.64	nq	# 77
80) Benzo(a)anthracene	13.99	228	1866430	41.72	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	666761	41.92	nq	97
82) Chrysene	14.03	228	1812293	44.23	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	1340133	45.11	nq	# 99
84) Di-n-octyl phthalate	14.63	149	2202189	44.44	nq	97
85) Indeno(1,2,3-cd)pyrene	16.84	276	1668408	47.28	nq	97
87) Benzo(b)fluoranthene	15.05	252	1746409	36.70	nq	# 97
88) Benzo(k)fluoranthene	15.08	252	1661930m	39.37	nq	
89) Benzo(a)pyrene	15.40	252	1622740	39.36	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	1372224	39.31	nq	99
91) Benzo(g,h,i)perylene	17.27	276	1311280	39.21	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

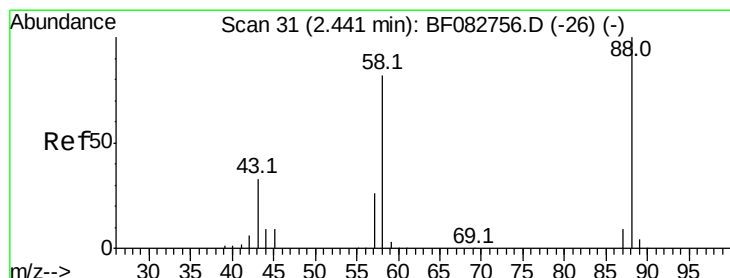
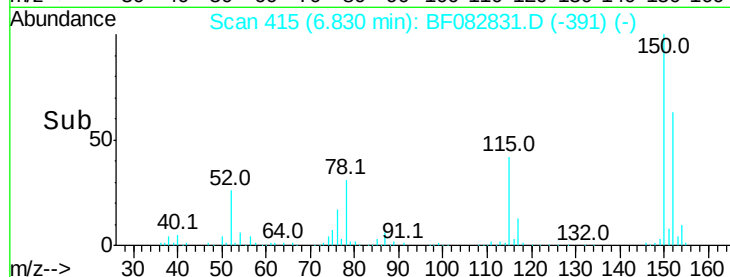
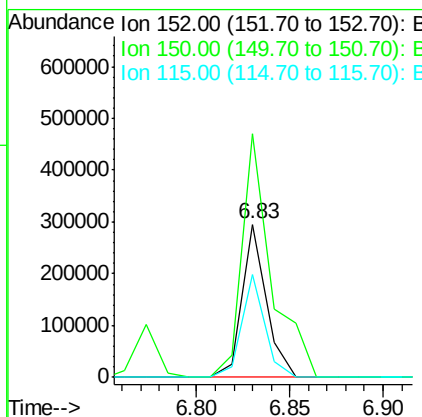
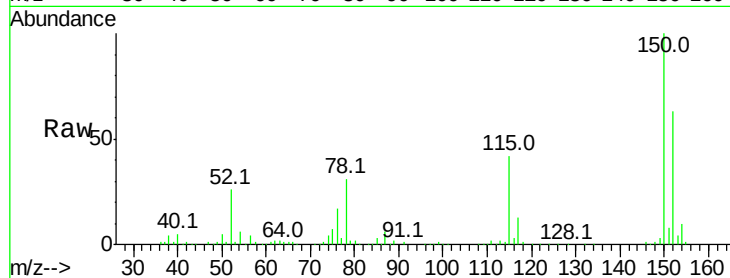
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	266797
Ion Ratio	Lower	Upper	
152	100		
150	158.9	127.0	190.4
115	67.2	47.0	70.6

Manual Integrations
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#2

1,4-Dioxane

Concen: 45.46 ng

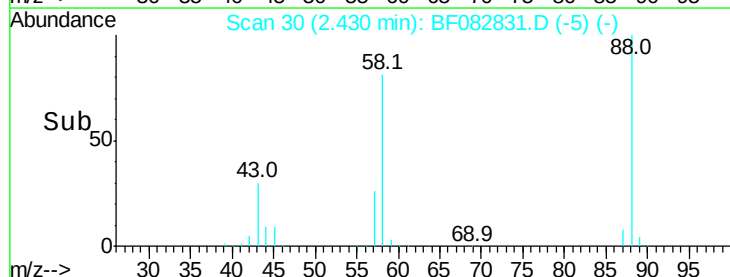
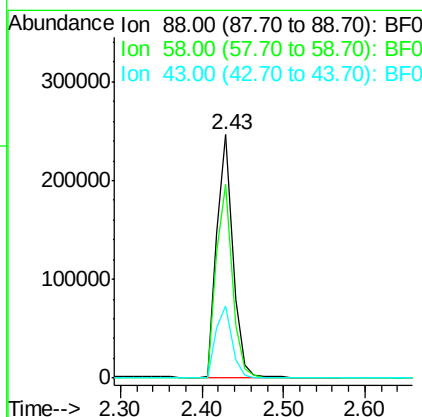
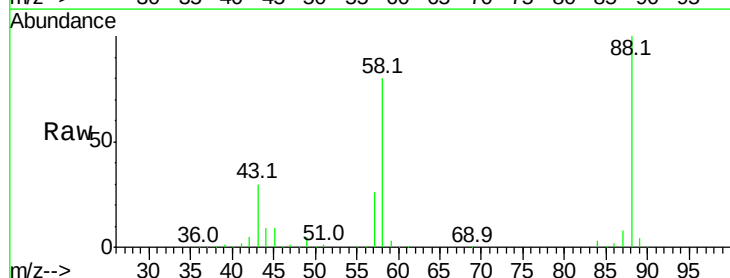
RT: 2.43 min Scan# 30

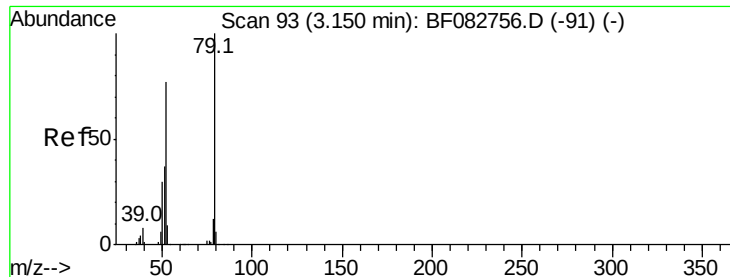
Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	88	Resp:	336373
Ion Ratio	Lower	Upper	
88	100		
58	80.0	62.0	93.0
43	30.6	26.6	40.0





#3

Pvridine

Concen: 47.22 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.03 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1013659

Ion Ratio Lower Upper

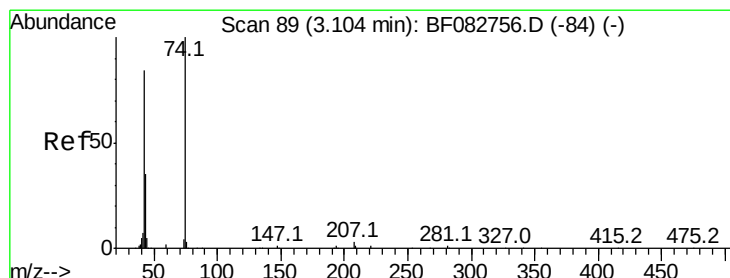
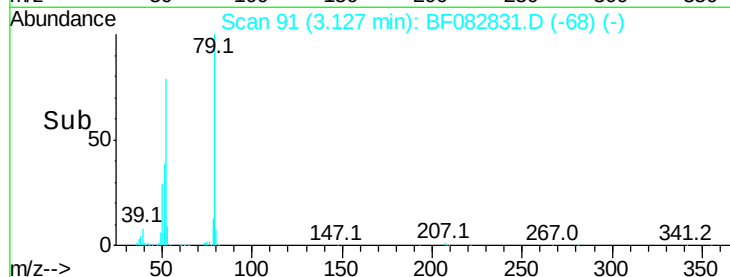
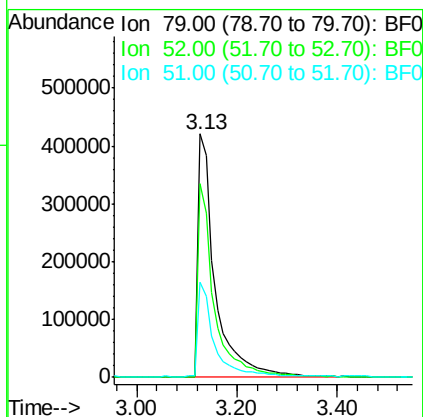
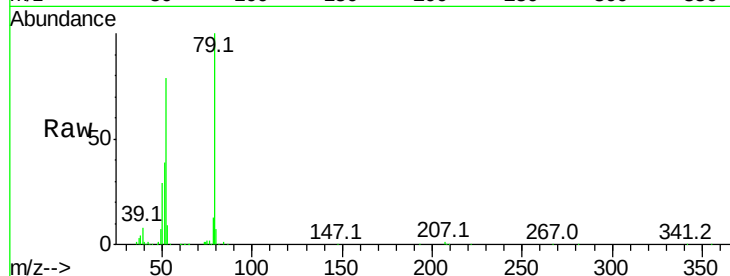
79 100

52 79.3 62.8 94.2

51 39.1 32.0 48.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.44 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

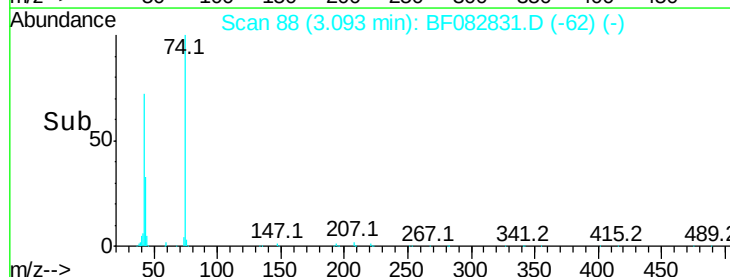
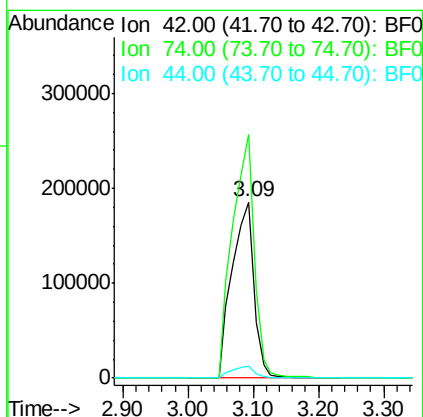
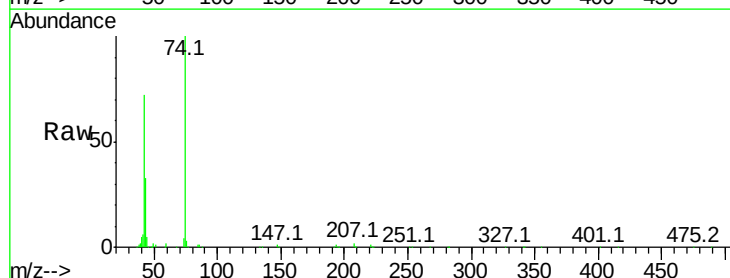
Tgt Ion: 42 Resp: 430554

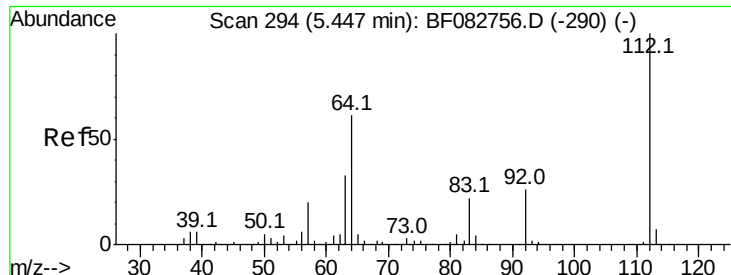
Ion Ratio Lower Upper

42 100

74 138.1 87.0 130.4#

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 81.88 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1404066

Ion Ratio Lower Upper

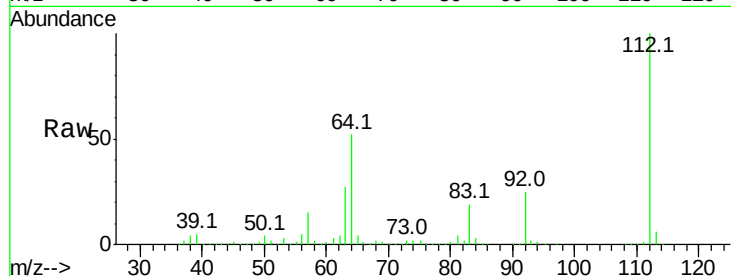
112 100

64 51.8 48.9 73.3

63 26.7 28.1 42.1#

Manual Integrations
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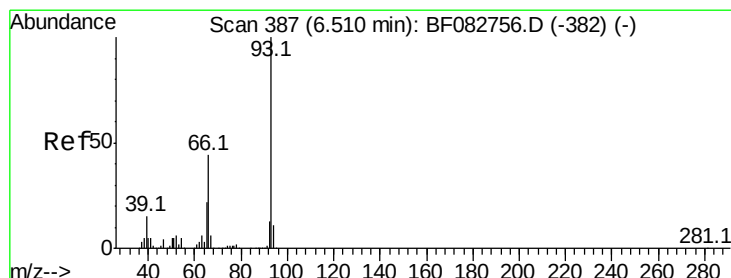
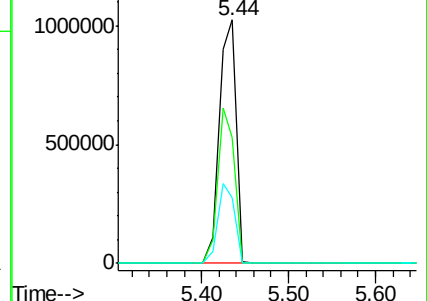
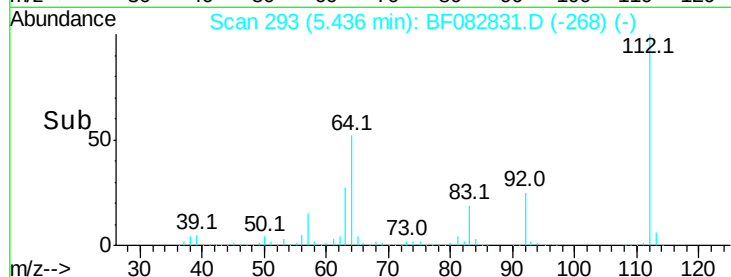
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.03 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

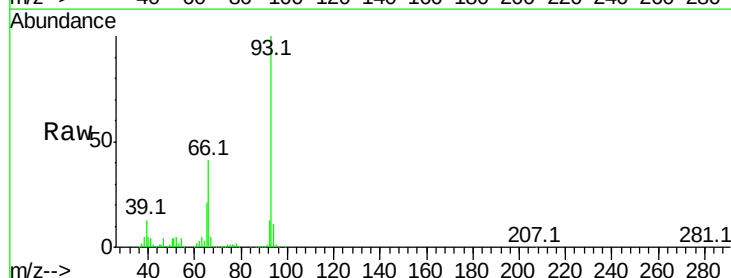
Tgt Ion: 93 Resp: 1249347

Ion Ratio Lower Upper

93 100

66 40.5 33.6 50.4

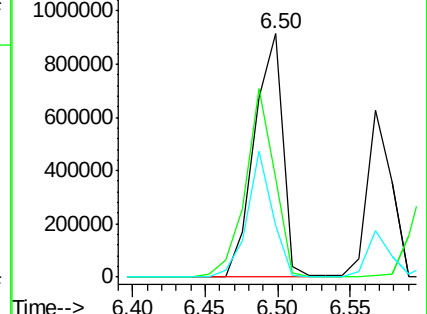
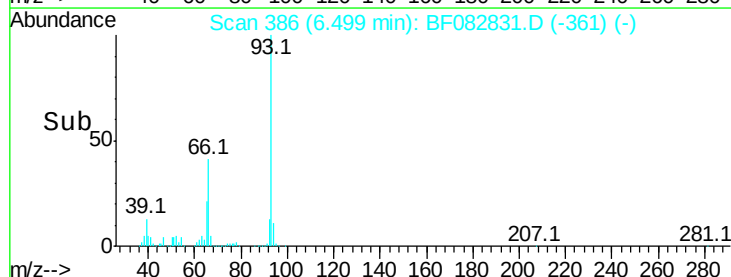
65 21.0 18.1 27.1

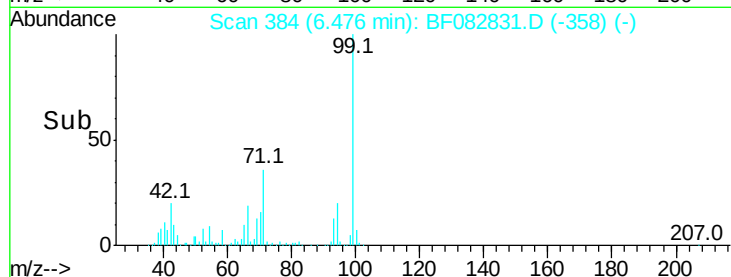
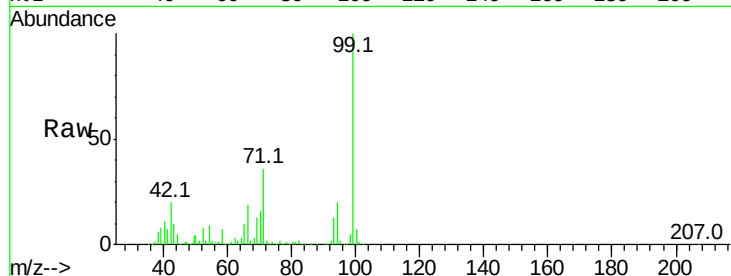
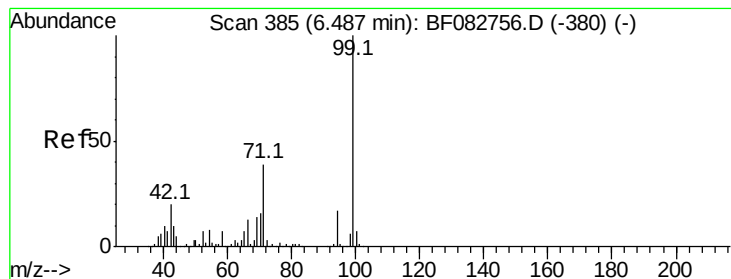


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.74 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1749449

Ion Ratio Lower Upper

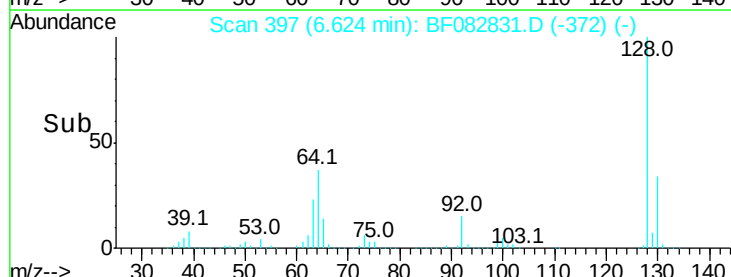
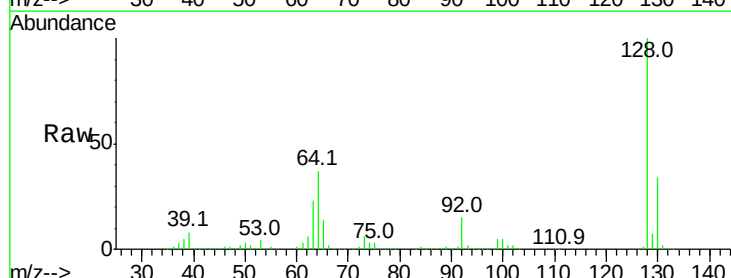
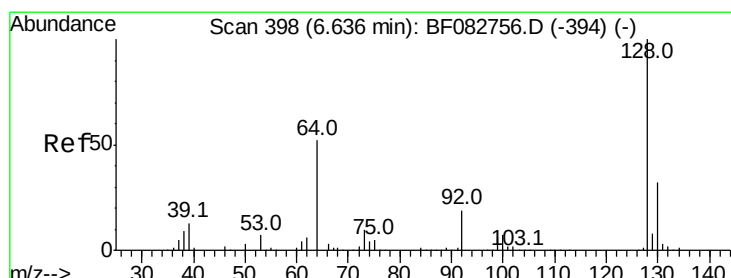
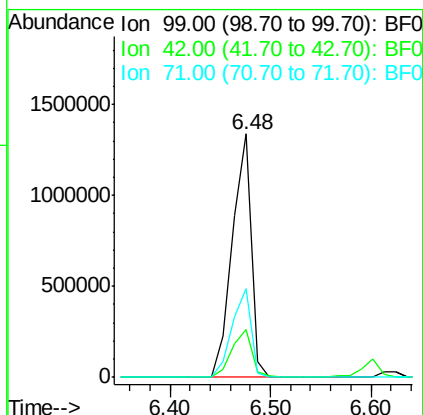
99 100

42 19.7 19.2 28.8

71 36.4 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.69 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

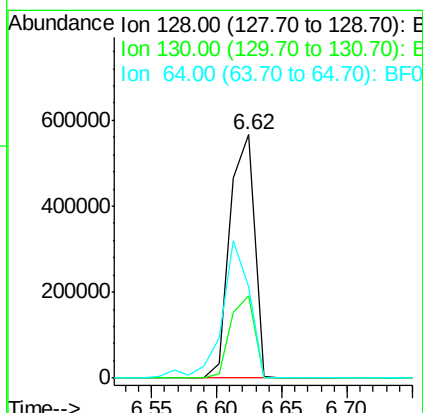
Tgt Ion: 128 Resp: 735407

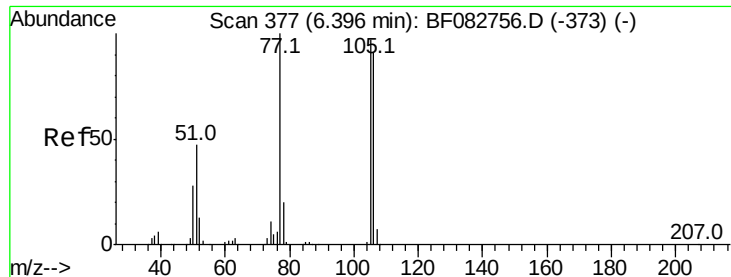
Ion Ratio Lower Upper

128 100

130 33.9 13.5 53.5

64 37.4 21.1 61.1





#9

Benzaldehyde

Concen: 39.54 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

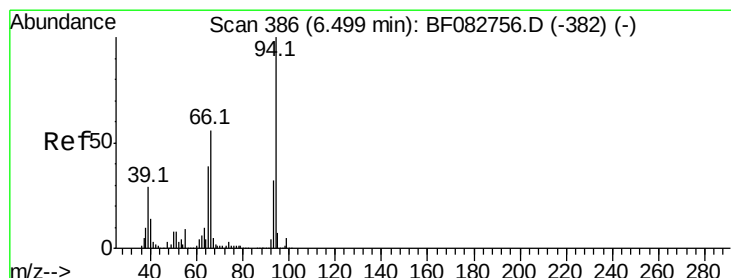
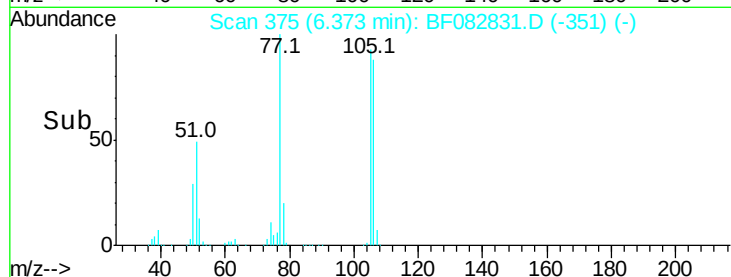
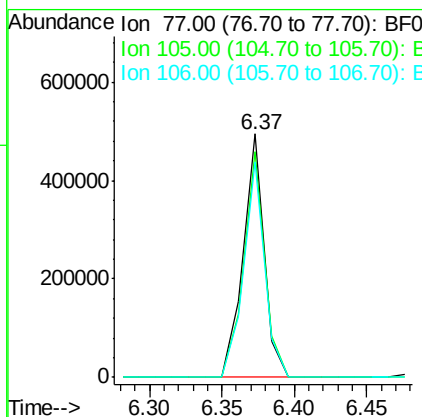
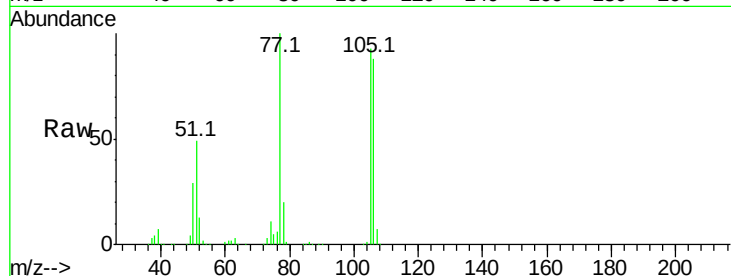
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:03 PM

Tot Ion:	77	Resp:	497954
Ion Ratio	Lower	Upper	
77	100		
105	92.6	63.5	103.5
106	88.2	59.3	99.3



#10

Phenol

Concen: 39.42 ng

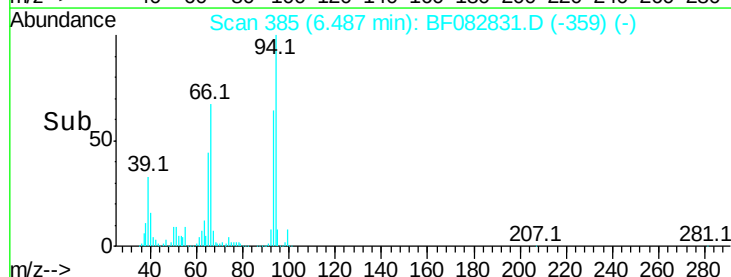
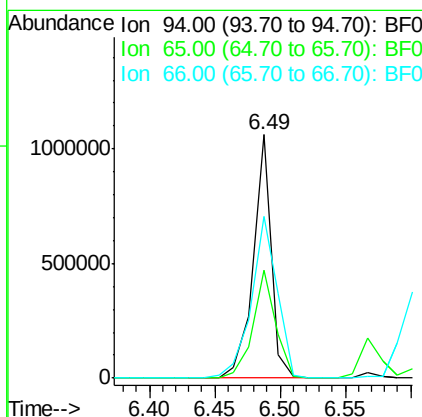
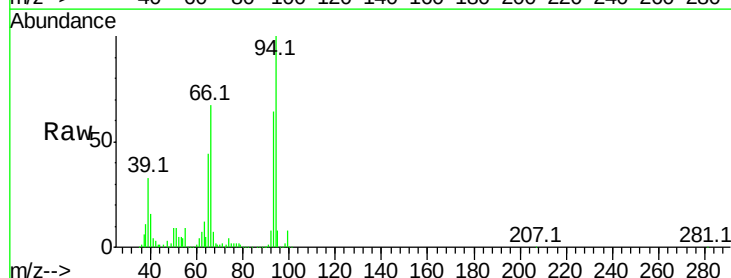
RT: 6.49 min Scan# 385

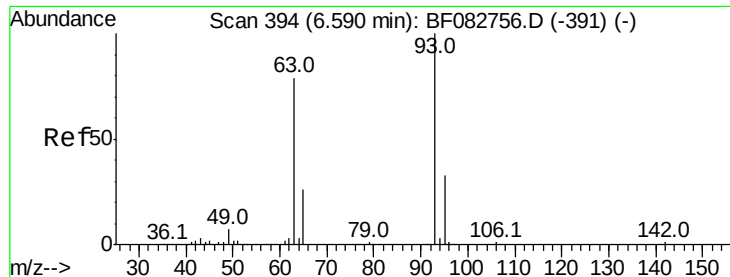
Delta R.T. 0.00 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	94	Resp:	1019594
Ion Ratio	Lower	Upper	
94	100		
65	44.4	18.9	58.9
66	66.6	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 37.05 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

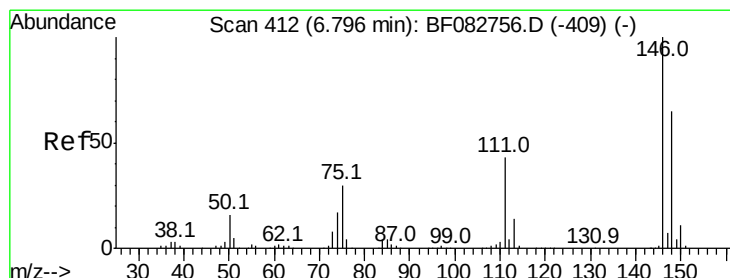
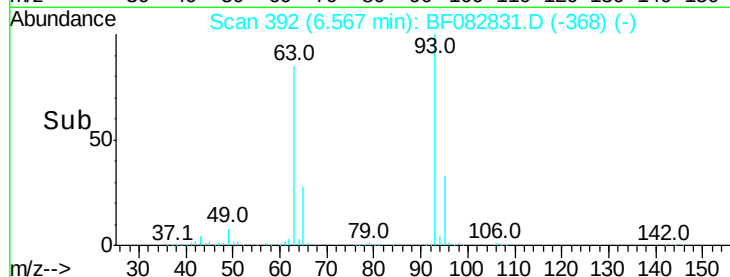
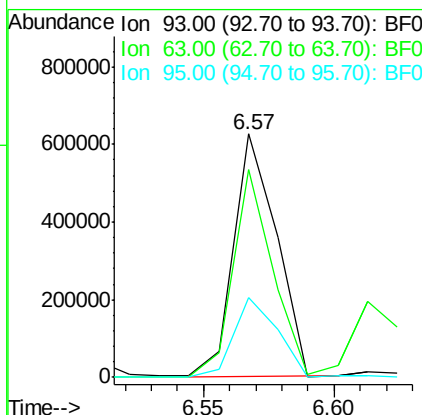
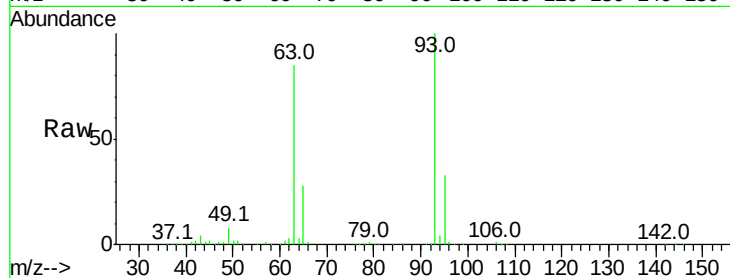
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	716662
Ion	Ratio	Lower	Upper
93	100		
63	85.3	72.7	112.7
95	32.8	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 38.25 ng m

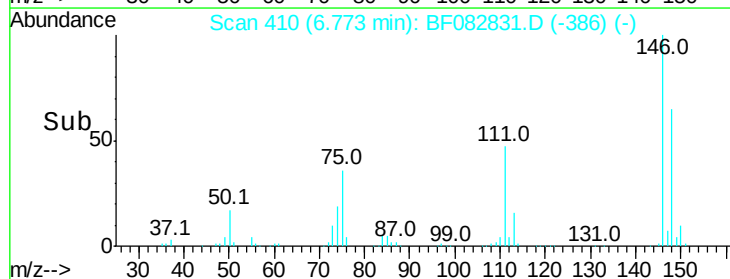
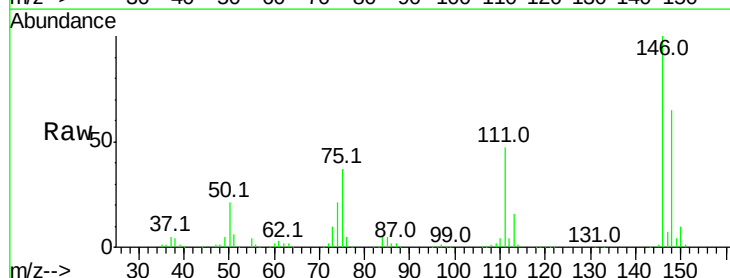
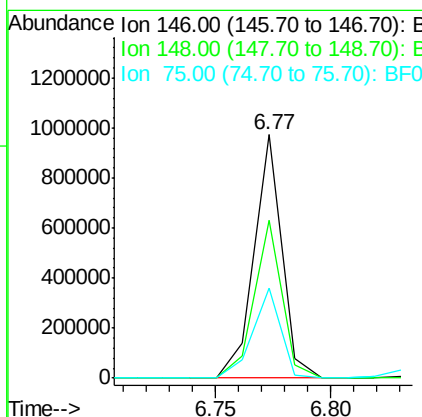
RT: 6.77 min Scan# 410

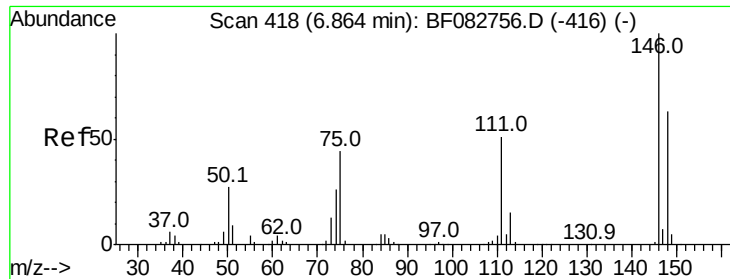
Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	146	Resp:	820105
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
75	36.9	39.5	59.3#





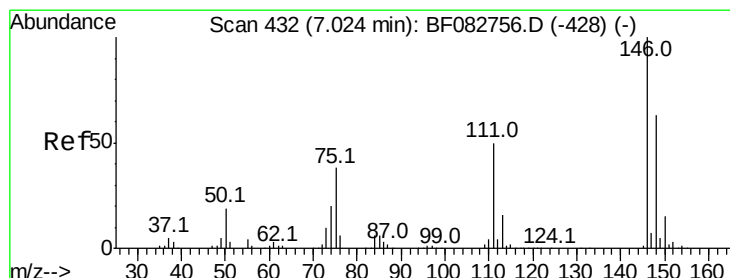
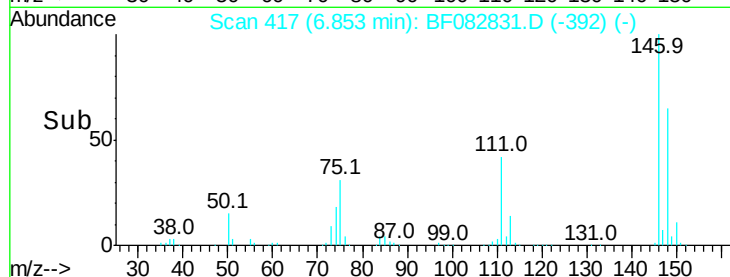
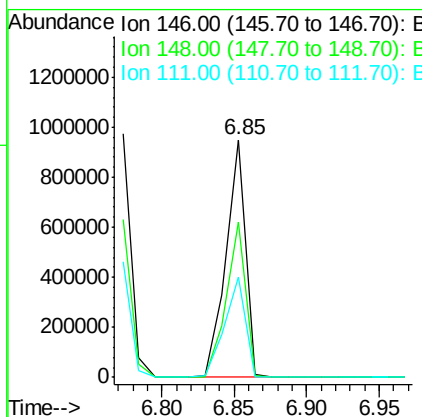
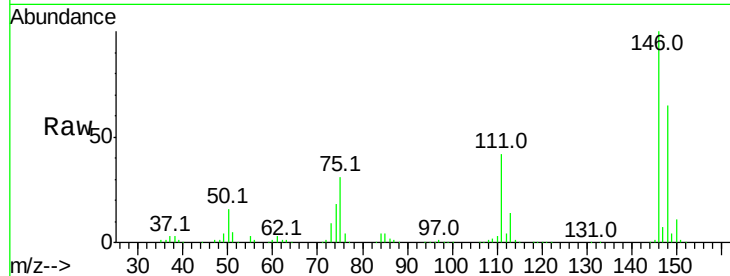
#13
 1,4-Dichlorobenzene
 Concen: 39.75 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	42.3	40.6	60.8

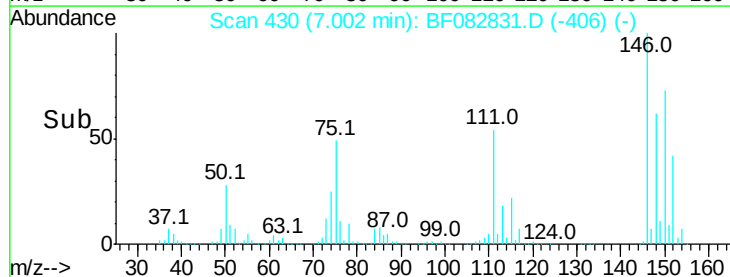
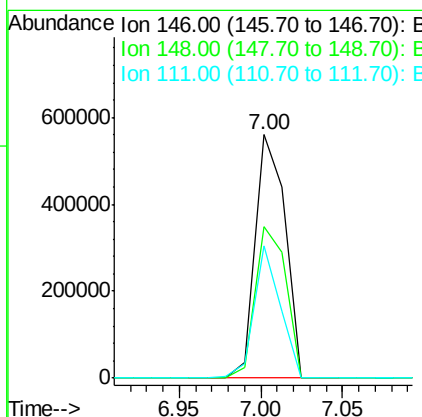
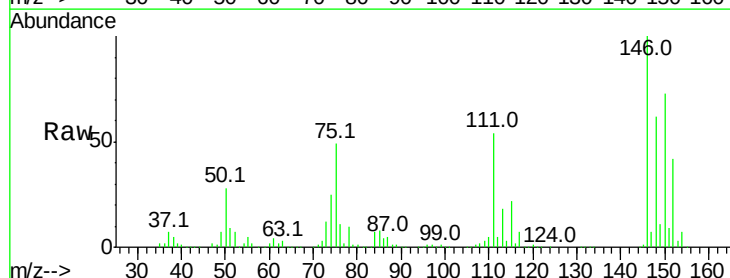
Manual Integrations
 APPROVED

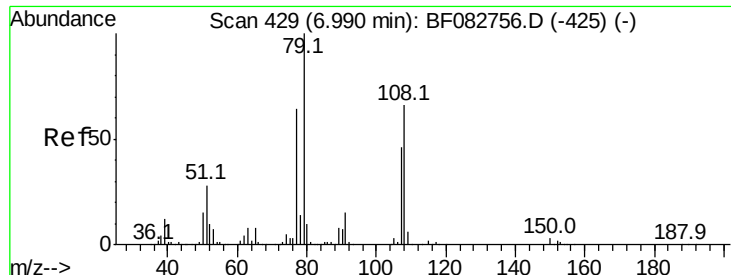
Mmdadoda
 11/10/2015 1:02:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.12 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.4
111	54.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.10 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

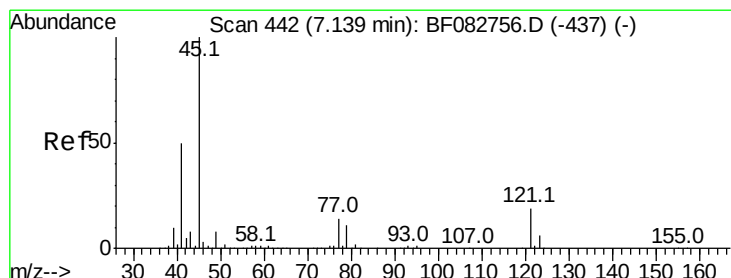
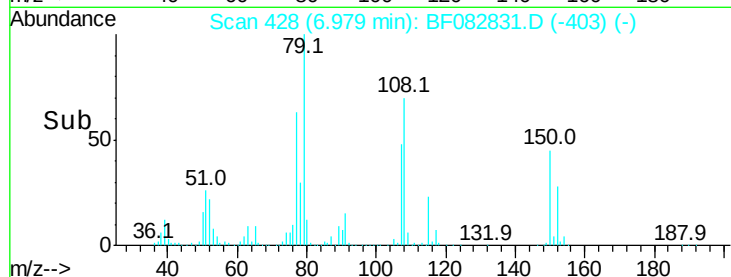
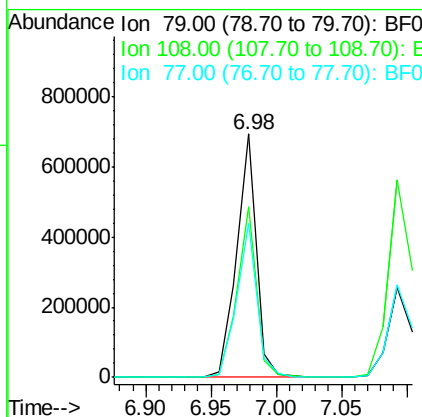
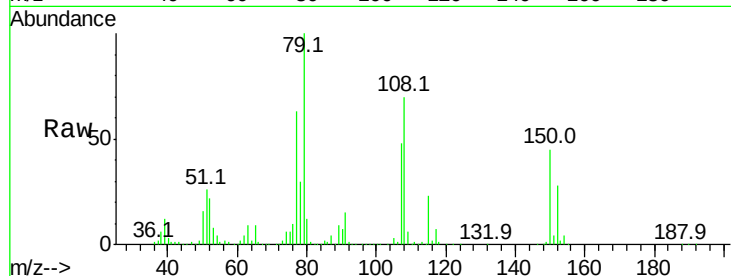
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	722649
Ion Ratio	Lower	Upper	
79	100		
108	70.0	52.2	78.4
77	63.4	52.7	79.1

Manual Integrations
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11/10/2015 1:02:03 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.74 ng

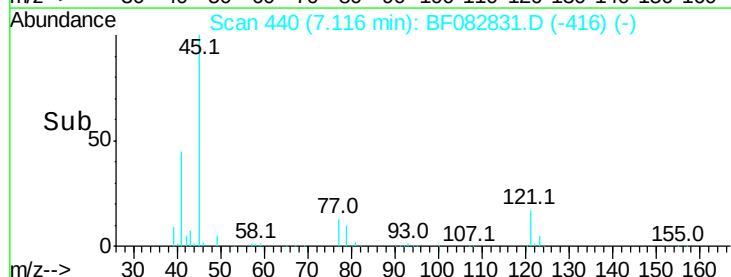
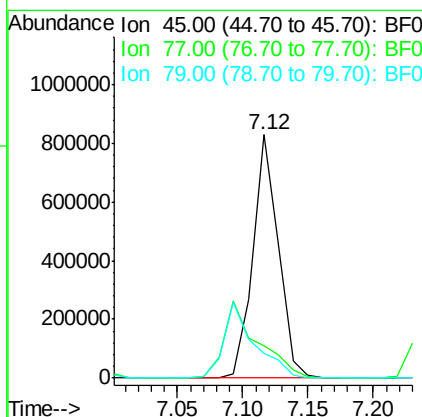
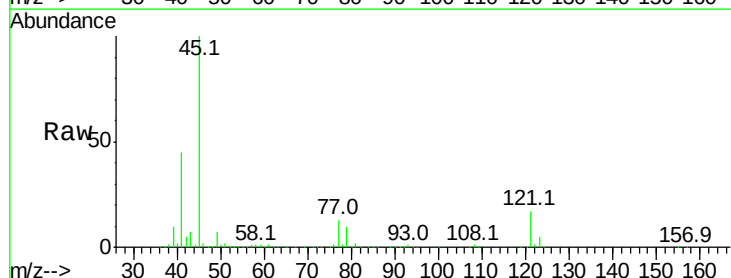
RT: 7.12 min Scan# 440

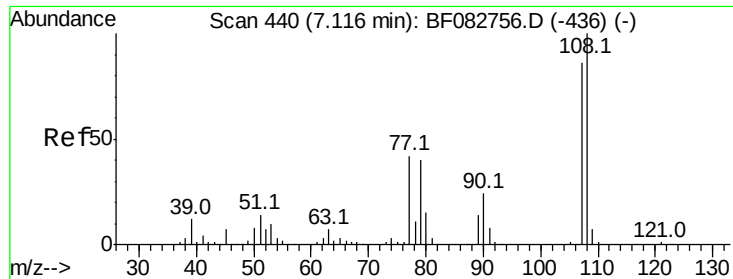
Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	45	Resp:	1127581
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.6
79	9.9	0.0	29.2





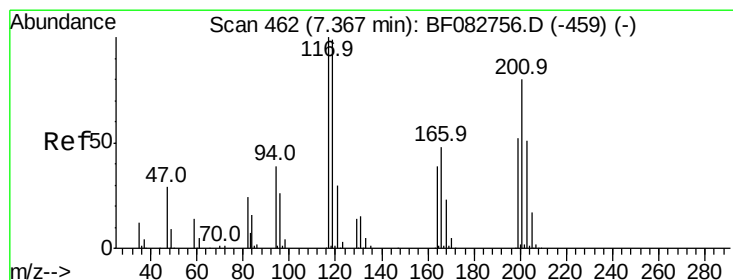
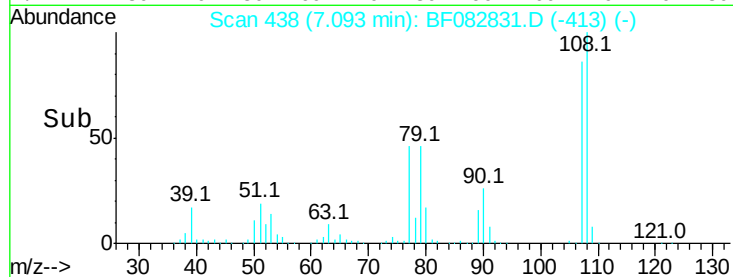
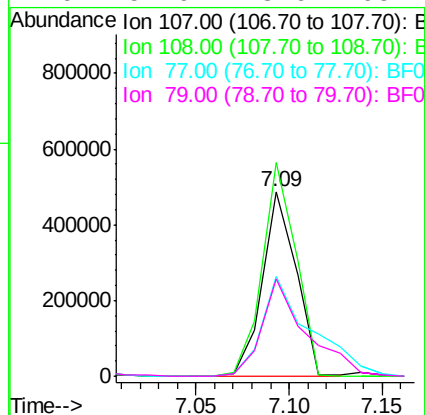
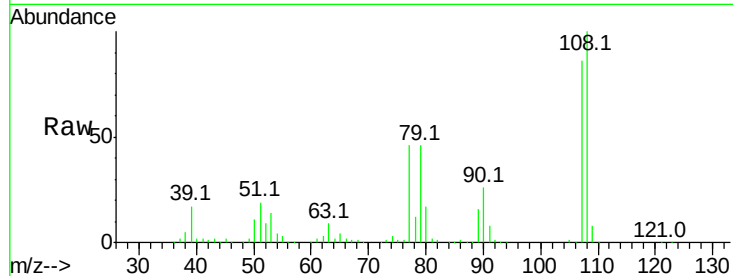
#17
2-Methylphenol
Concen: 37.97 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	611251		
108	115.7	93.0	139.4	
77	53.8	44.1	66.1	
79	52.9	43.6	65.4	

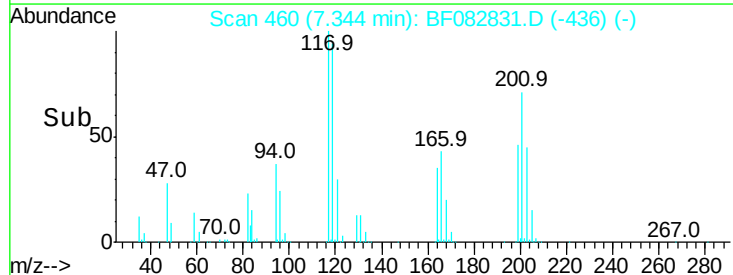
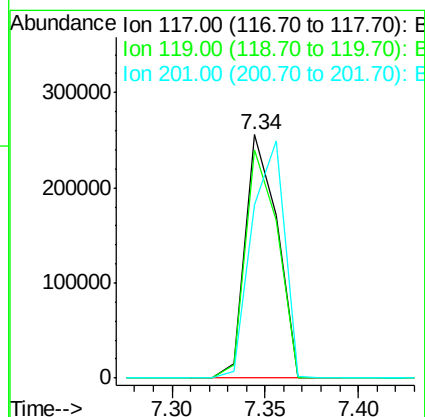
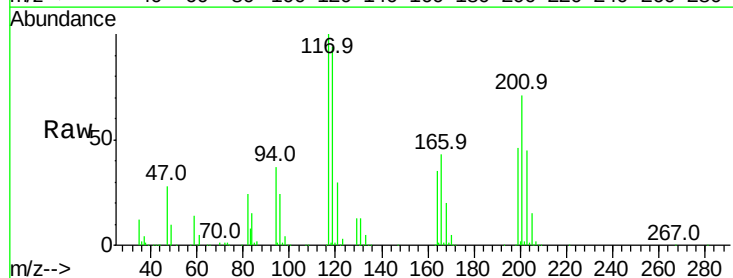
Manual Integrations
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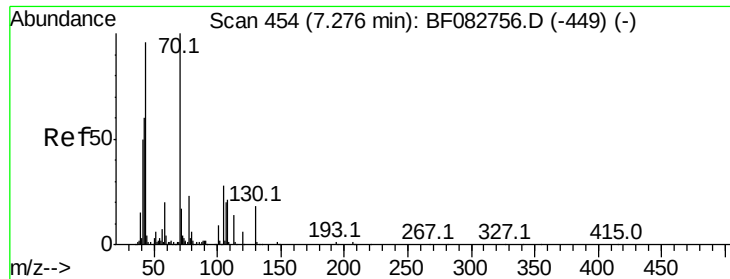
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11/10/2015 1:02:03 PM



#18
Hexachloroethane
Concen: 37.98 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	303028		
119	93.9	77.7	116.5	
201	71.0	66.7	100.1	





#19

n-Nitroso-di-n-propylamine

Concen: 39.18 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

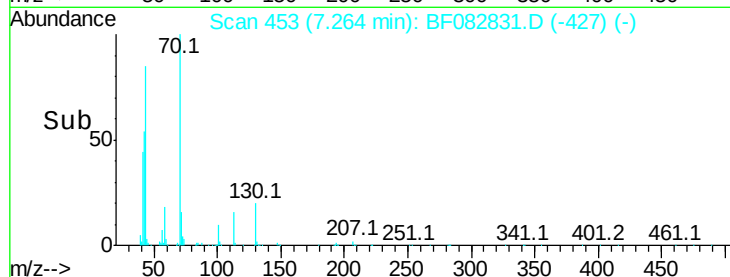
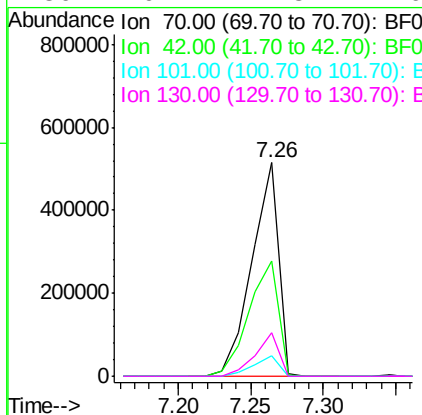
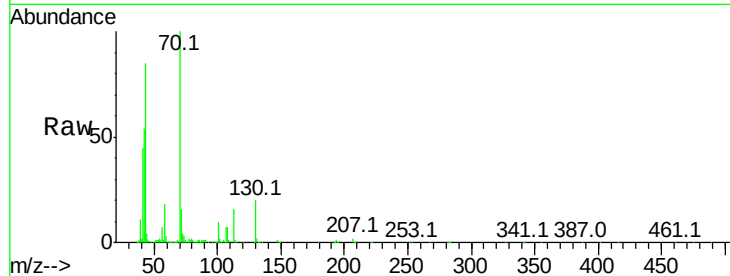
ClientSampleId :

SSTDCCC040

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Tot Ion	Ratio	Lower	Upper
70	100		
42	54.0	57.7	86.5#
101	9.6	7.0	10.6
130	20.2	11.8	17.6#



#20

3+4-Methylphenols

Concen: 35.92 ng

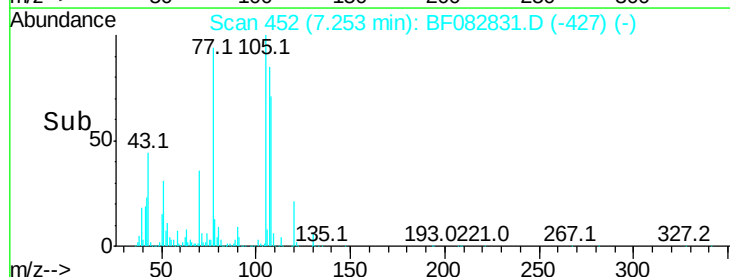
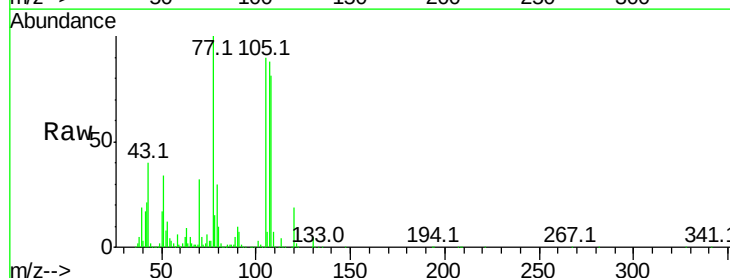
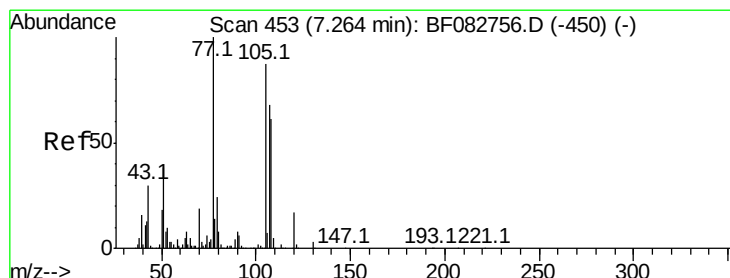
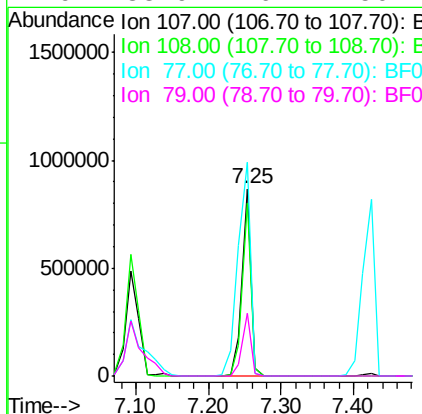
RT: 7.25 min Scan# 452

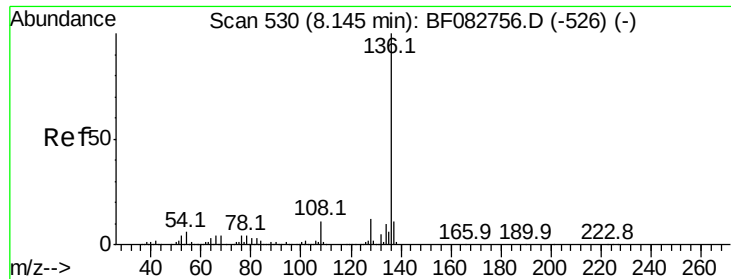
Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.3	107.3
77	114.2	100.3	140.3
79	33.9	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

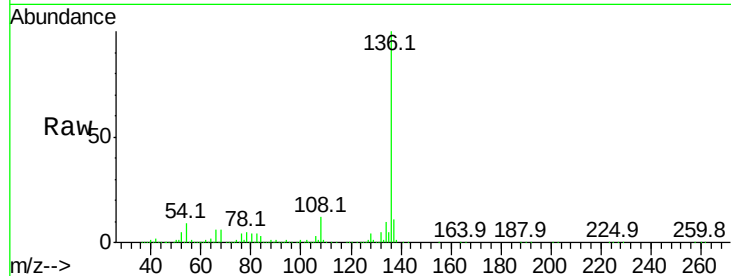
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.7	9.1	13.7#
68	6.1	4.8	7.2

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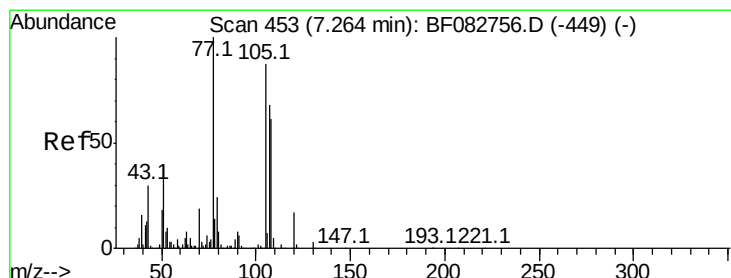
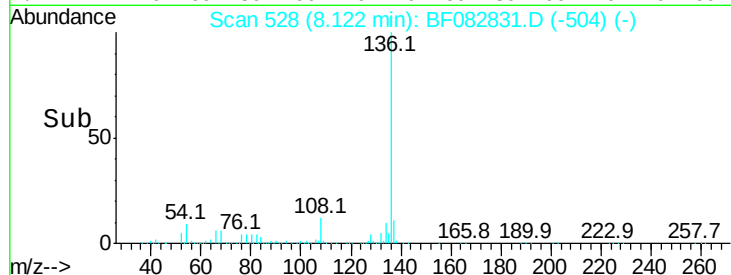
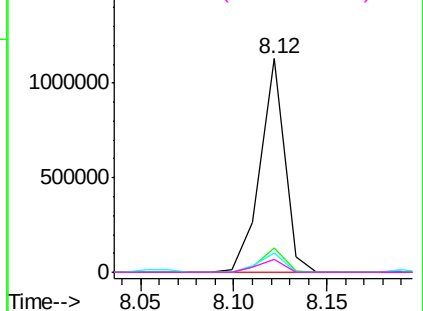


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.02 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

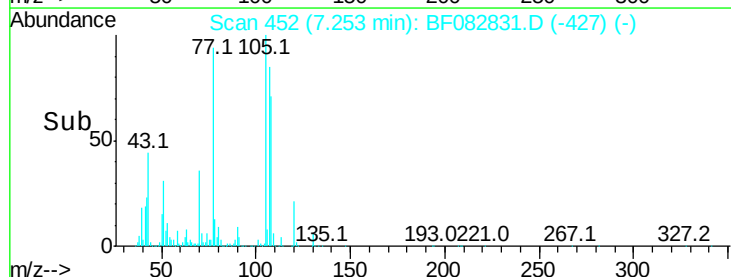
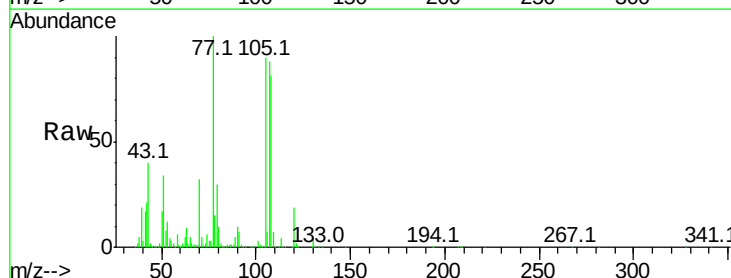
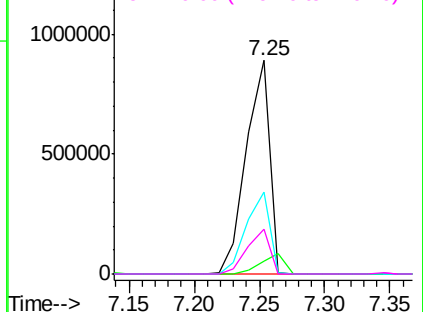
Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.6	8.4
51	38.2	24.9	37.3#
120	21.0	15.8	23.8

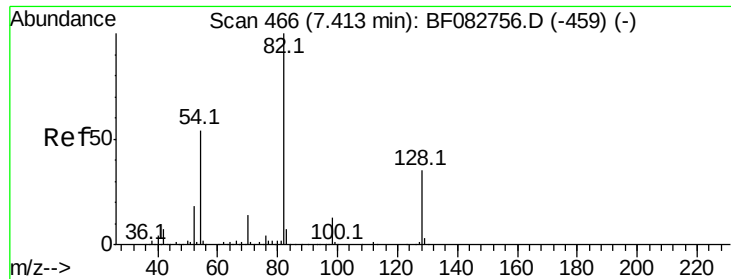
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





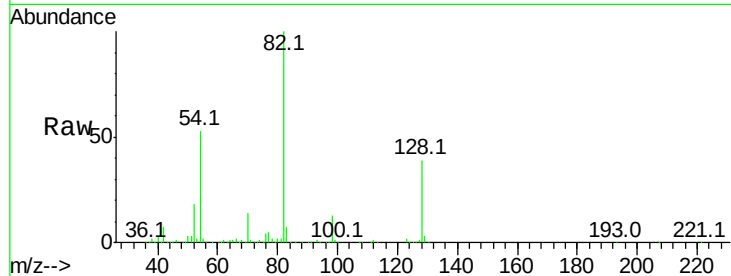
#23
Nitrobenzene-d5
Concen: 72.19 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

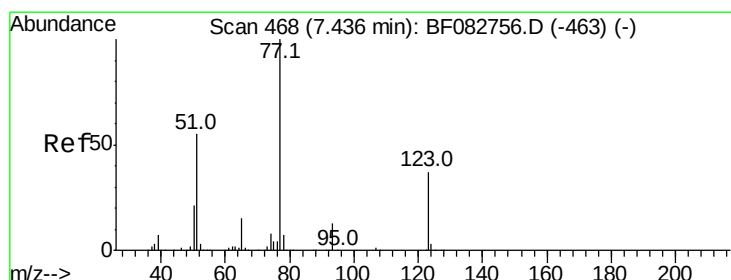
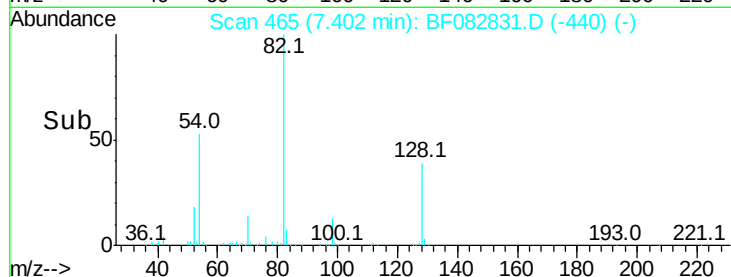
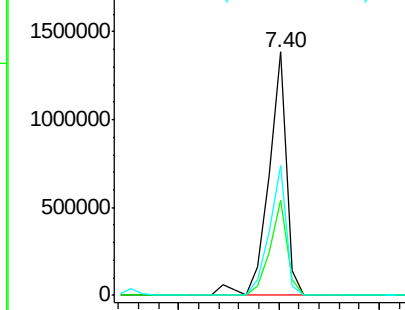
Tot Ion: 82 Resp: 1695978
Ion Ratio Lower Upper
82 100
128 39.1 26.8 40.2
54 53.2 45.7 68.5

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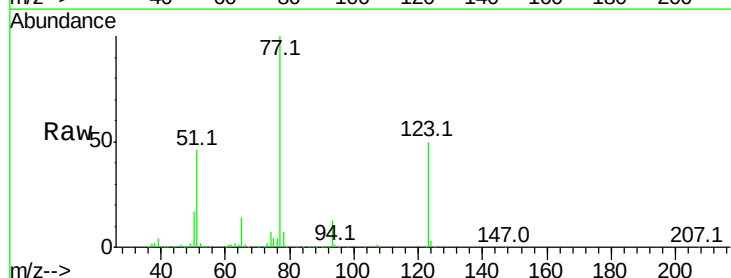


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

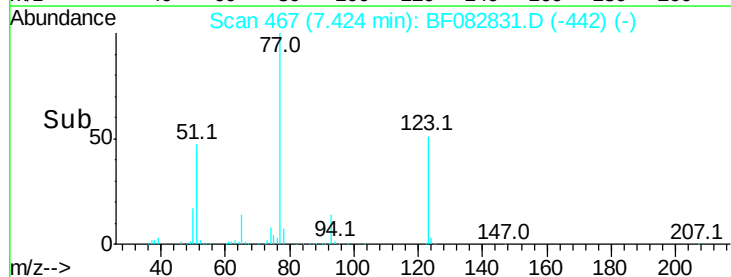
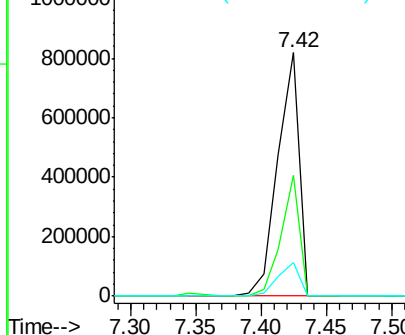


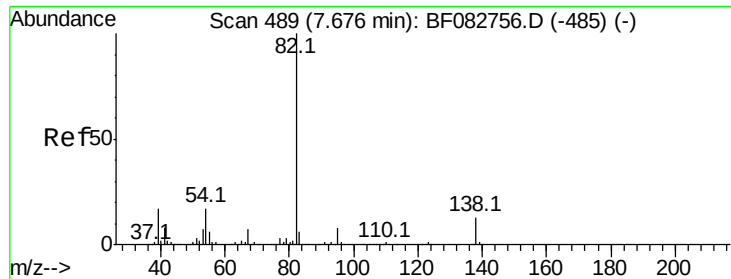
#24
Nitrobenzene
Concen: 39.34 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion: 77 Resp: 945147
Ion Ratio Lower Upper
77 100
123 49.8 36.4 54.6
65 13.6 11.5 17.3



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





#25

Isophorone

Concen: 37.51 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1630472

Ion Ratio Lower Upper

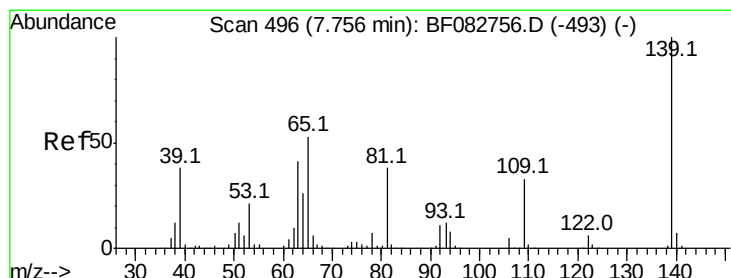
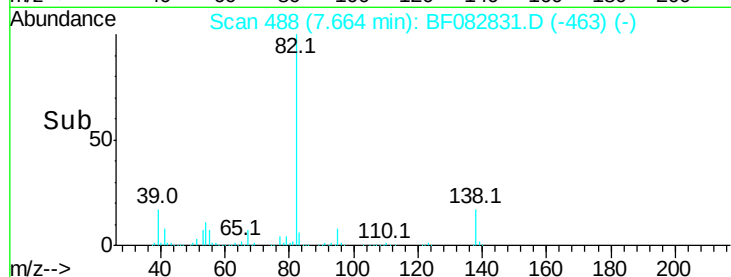
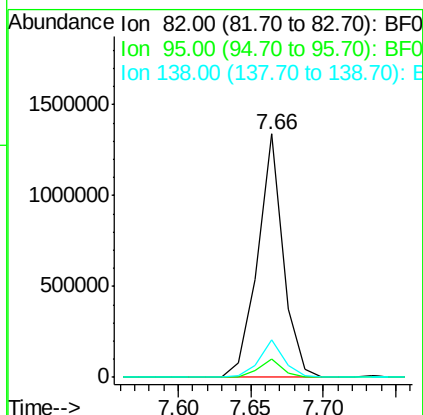
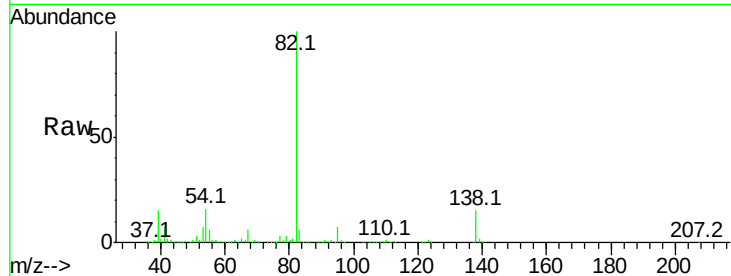
82 100

95 7.3 6.6 9.8

138 15.2 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.06 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

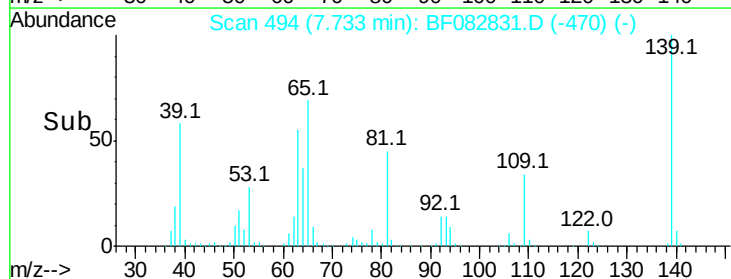
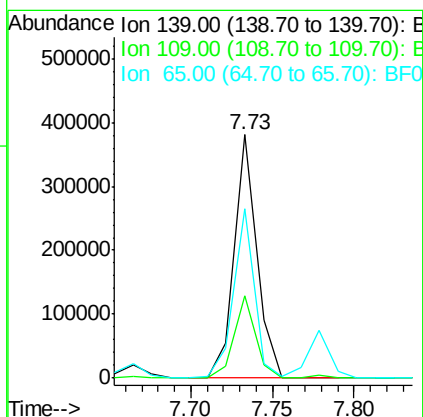
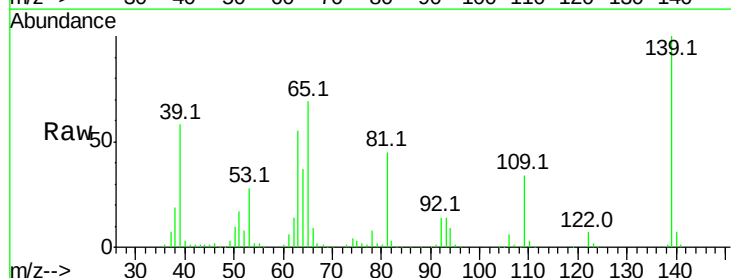
Tgt Ion: 139 Resp: 361583

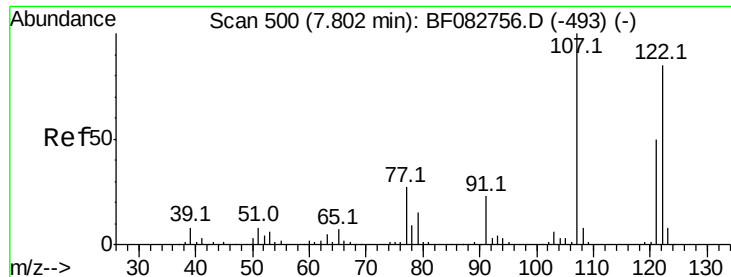
Ion Ratio Lower Upper

139 100

109 34.0 37.6 56.4#

65 69.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 34.99 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

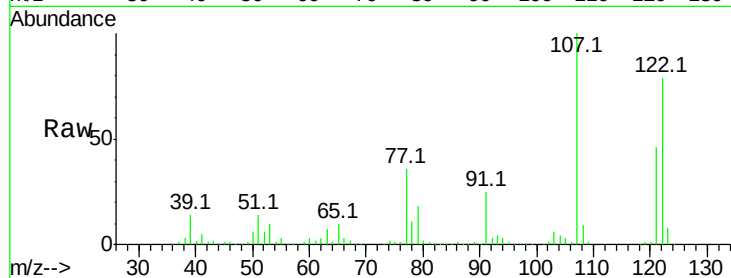
ClientSampleId :

SSTDCCC040

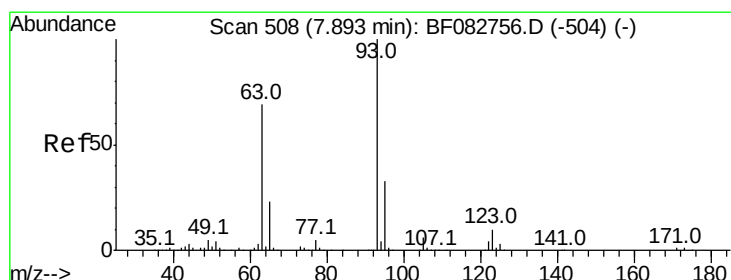
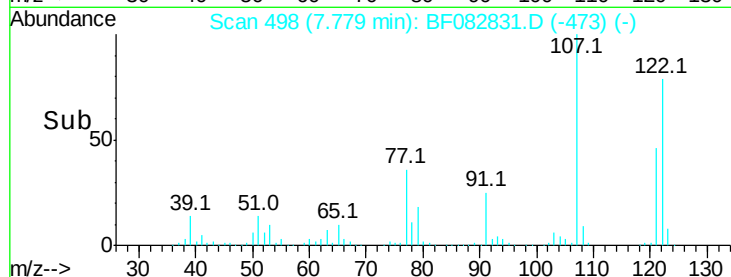
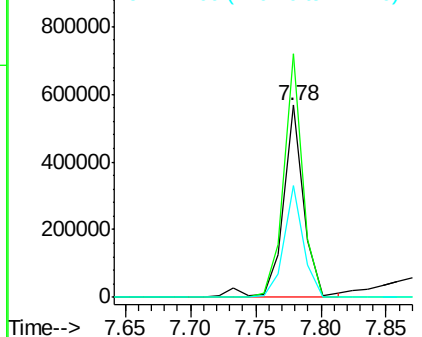
Tot Ion:	122	Resp:	630477
Ion Ratio	Lower	Upper	
122	100		
107	126.9	106.0	159.0
121	58.5	46.7	70.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.87 ng

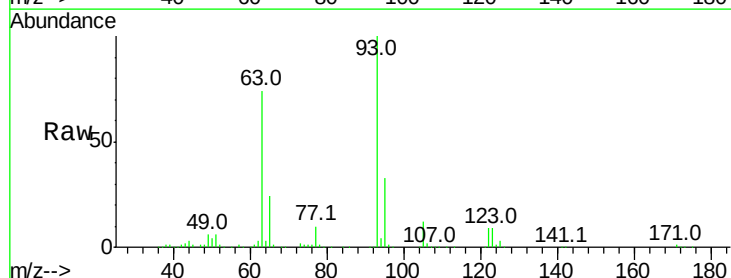
RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

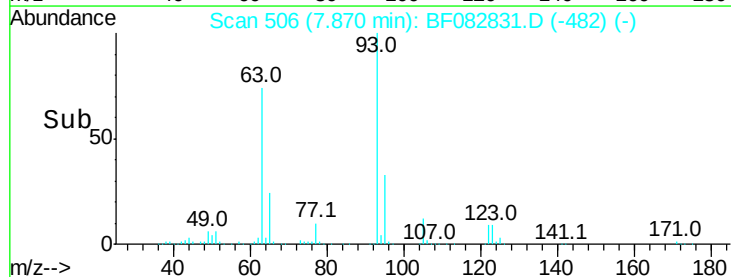
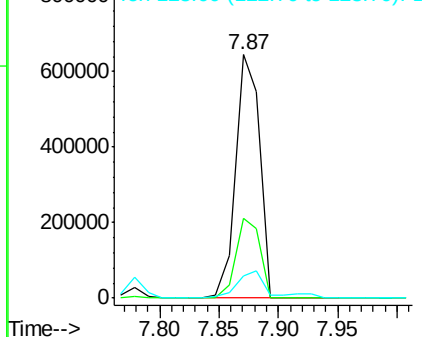
Lab File: BF082831.D

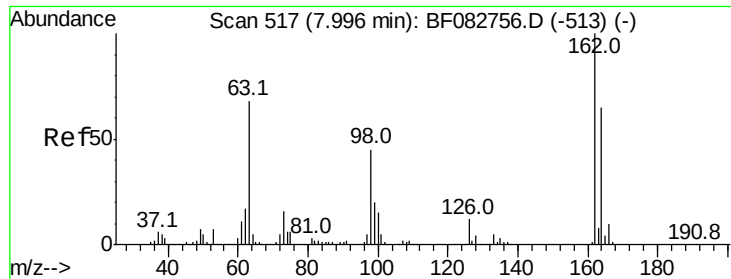
Acq: 9 Nov 2015 15:02

Tgt Ion:	93	Resp:	903985
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.6	40.0
123	9.2	9.7	14.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.93 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

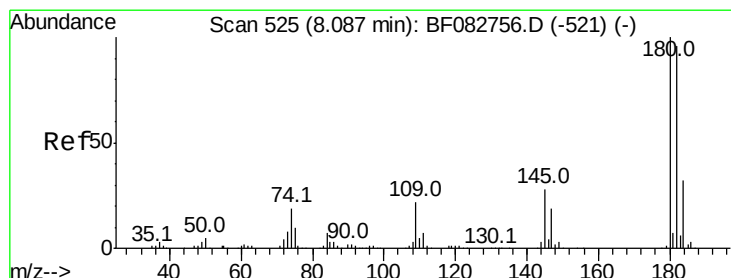
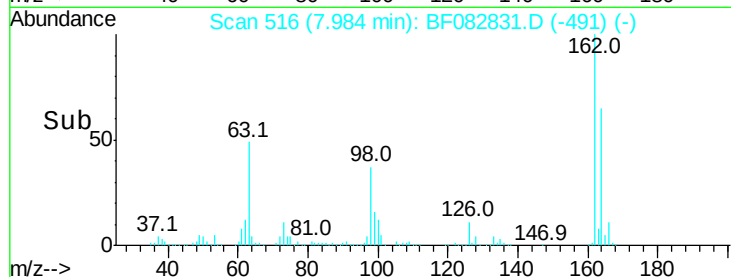
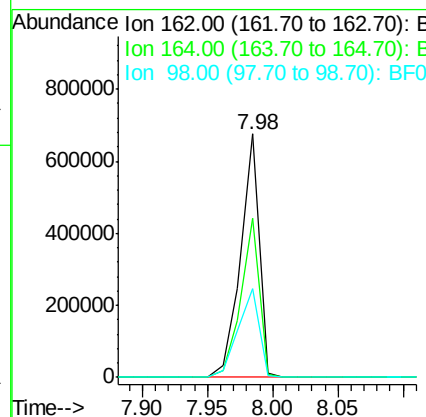
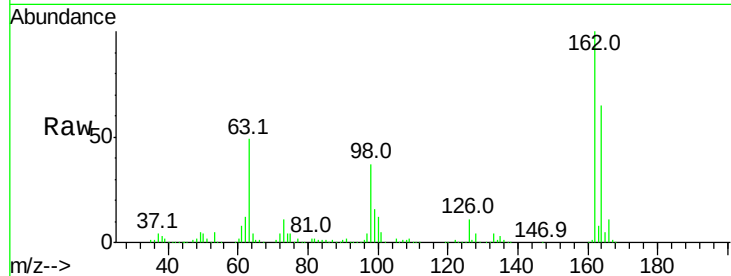
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	666568
Ion Ratio	Lower	Upper	
162	100		
164	65.5	46.8	86.8
98	36.6	12.5	52.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.39 ng

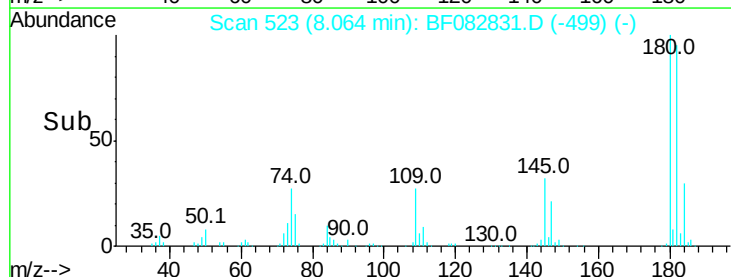
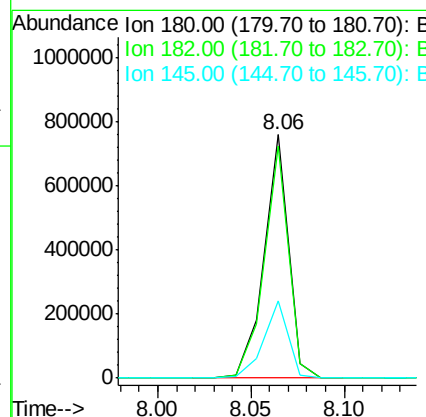
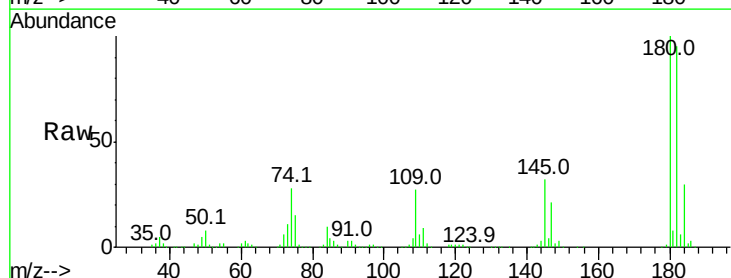
RT: 8.06 min Scan# 523

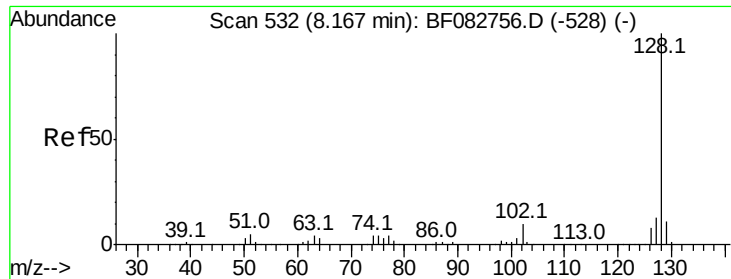
Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	180	Resp:	684776
Ion Ratio	Lower	Upper	
180	100		
182	95.1	74.9	112.3
145	31.6	27.8	41.8





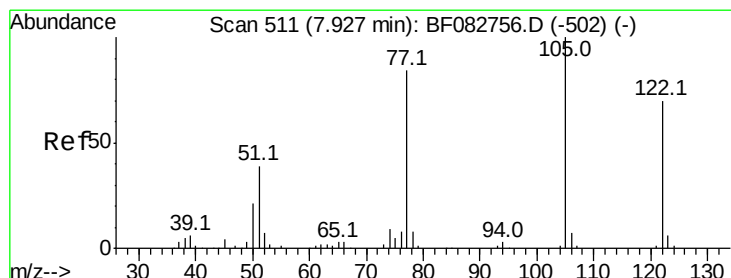
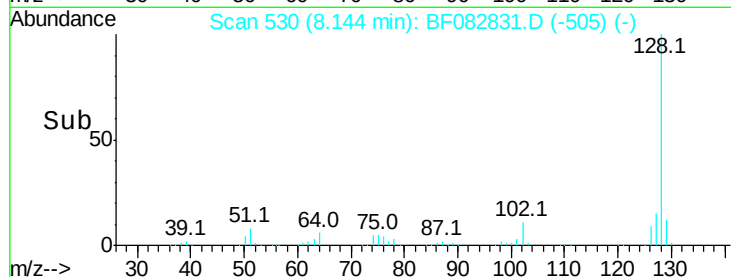
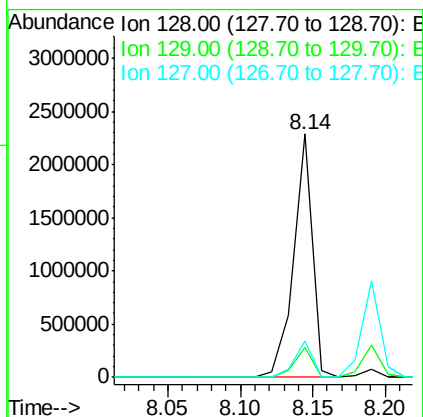
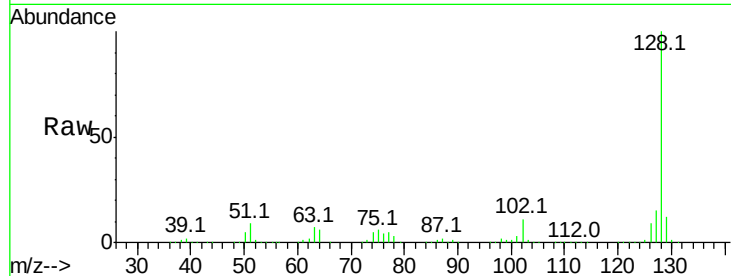
#31
Naphthalene
Concen: 36.36 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2050495
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 14.8 11.4 17.0

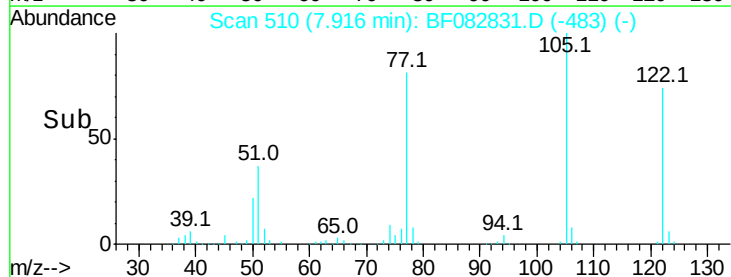
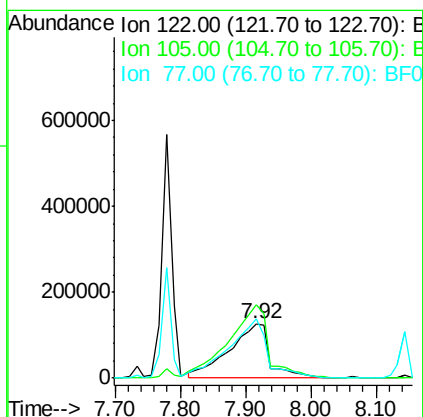
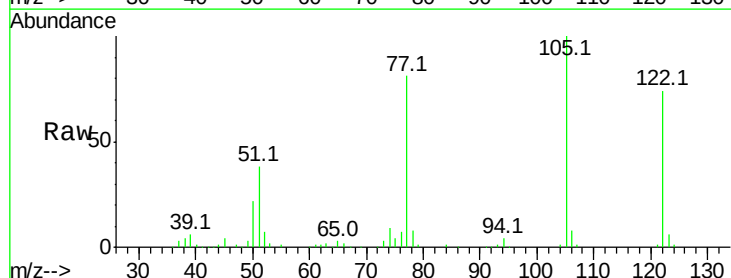
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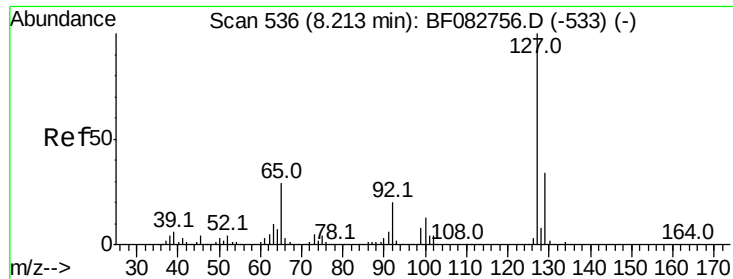
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#32
Benzoic acid
Concen: 43.53 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion:122 Resp: 537036
Ion Ratio Lower Upper
122 100
105 134.6 122.6 162.6
77 109.1 100.9 140.9





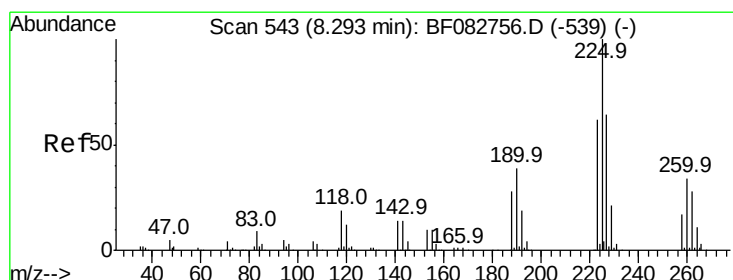
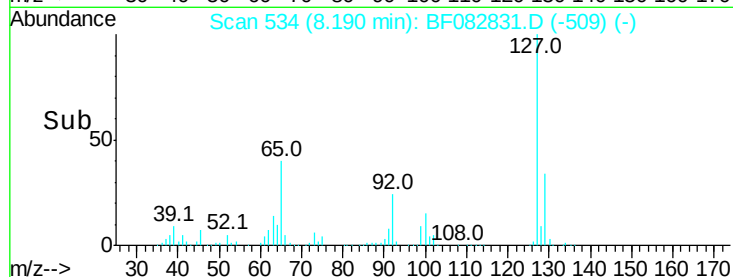
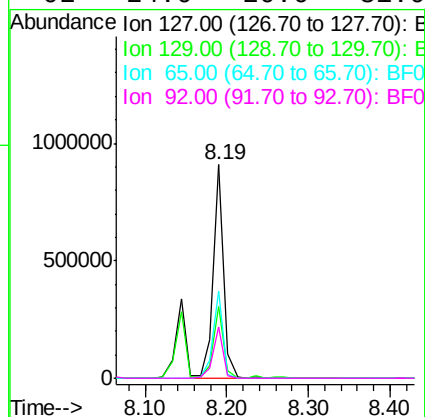
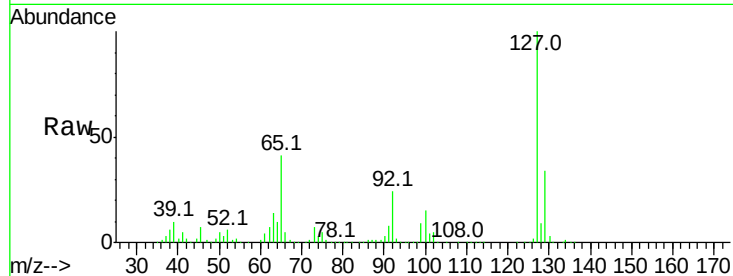
#33
4-Chloroaniline
Concen: 33.88 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.3	39.5		
65	40.7	37.8	56.8		
92	24.0	20.6	31.0		

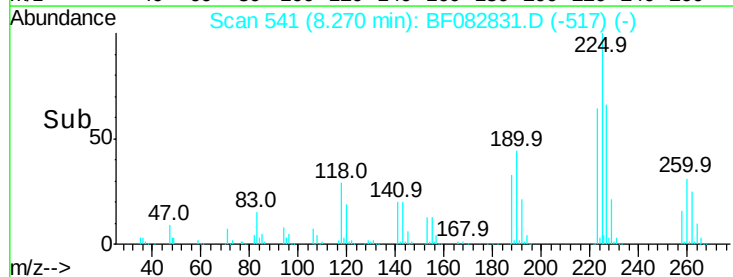
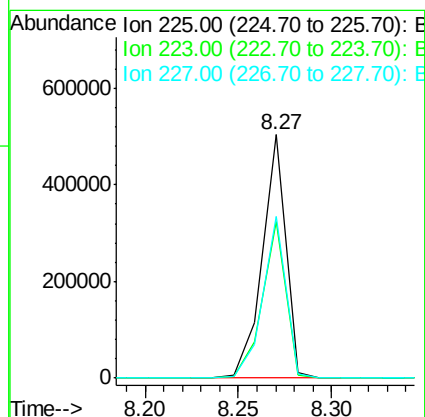
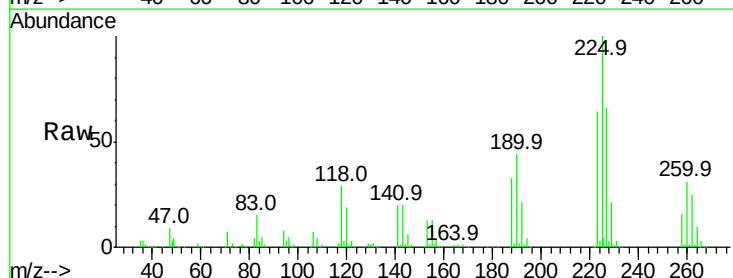
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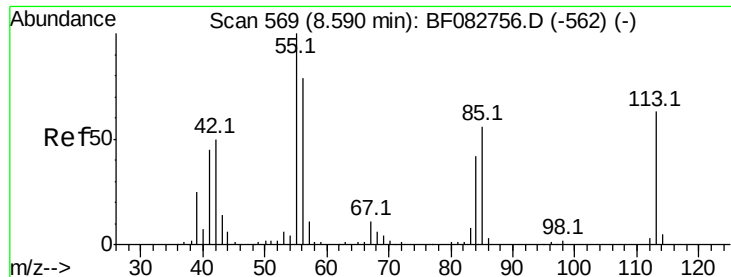
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#34
Hexachlorobutadiene
Concen: 37.99 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.5	75.7		
227	66.4	50.2	75.2		





#35

Caprolactam

Concen: 41.19 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

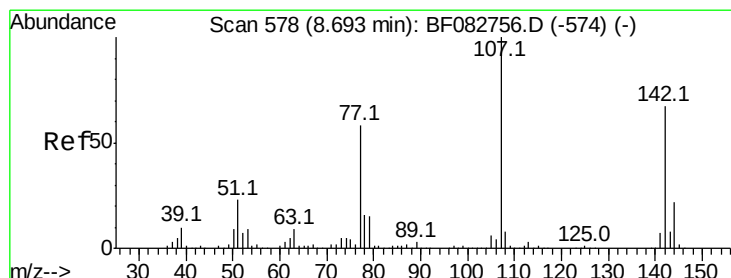
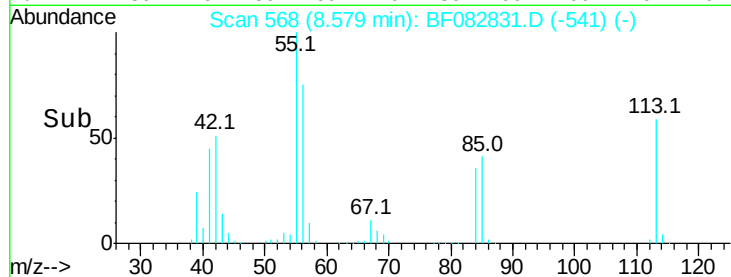
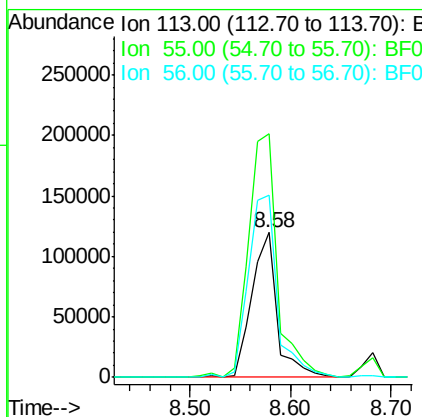
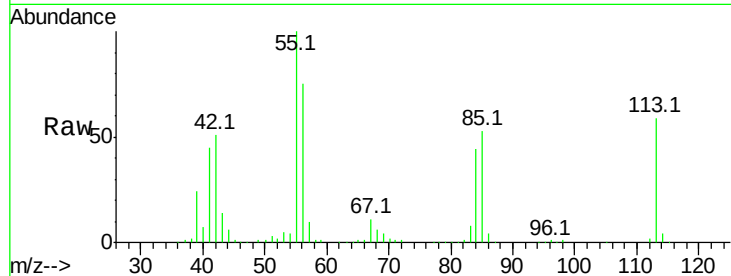
ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 211476
 Ion Ratio Lower Upper
 113 100
 55 168.1 195.5 235.5#
 56 125.4 153.5 193.5#

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#36

4-Chloro-3-methylphenol

Concen: 38.16 ng

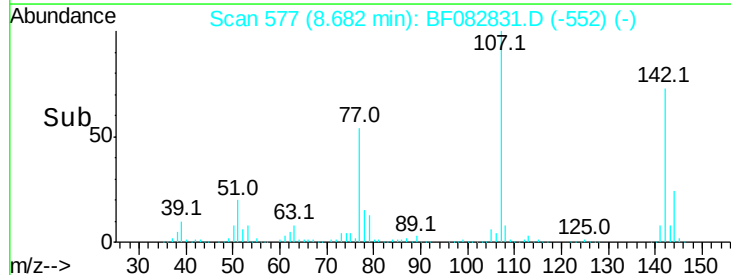
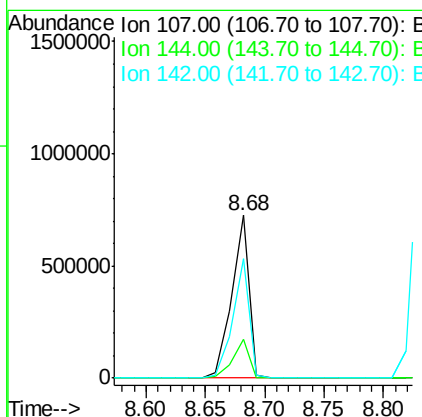
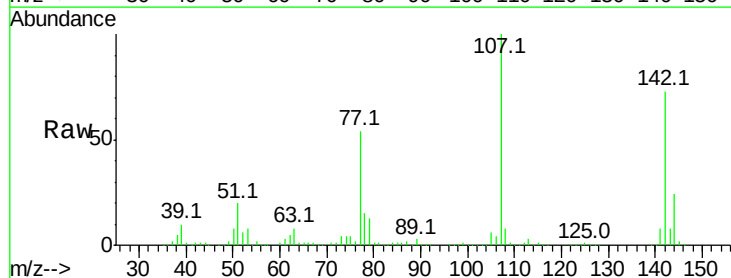
RT: 8.68 min Scan# 577

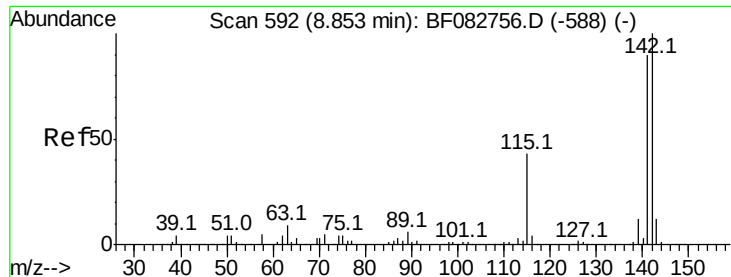
Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:107 Resp: 730785
 Ion Ratio Lower Upper
 107 100
 144 24.0 15.4 23.0#
 142 73.4 47.8 71.8#





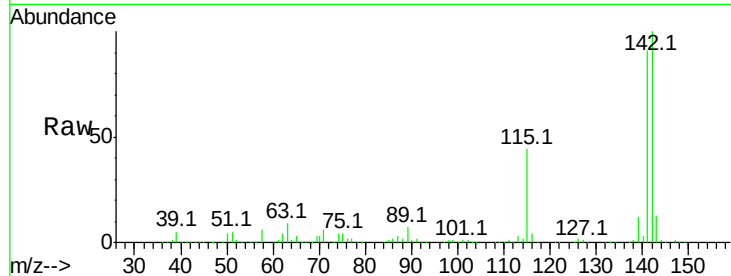
#37
2-Methylnaphthalene
Concen: 34.15 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

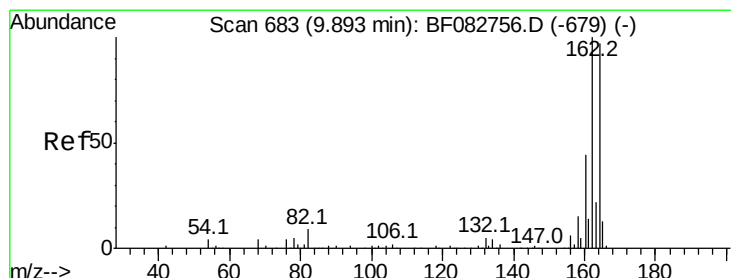
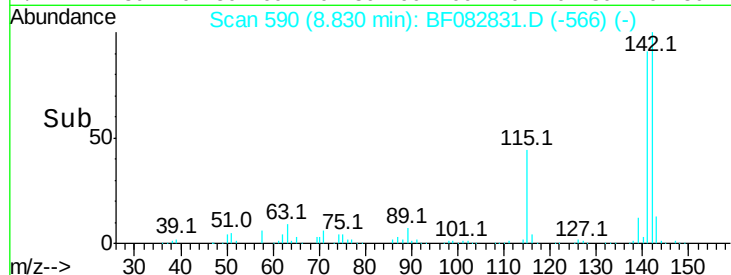
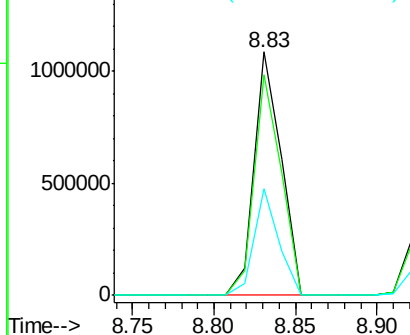
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
115	43.6	38.1	57.1

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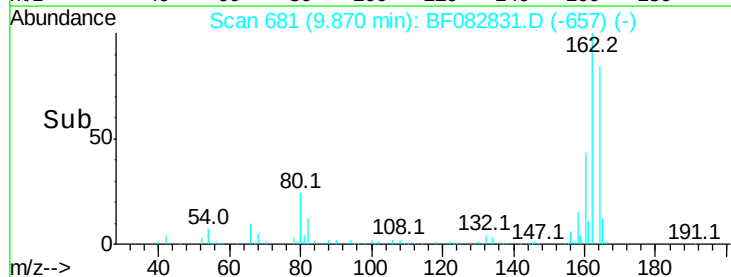
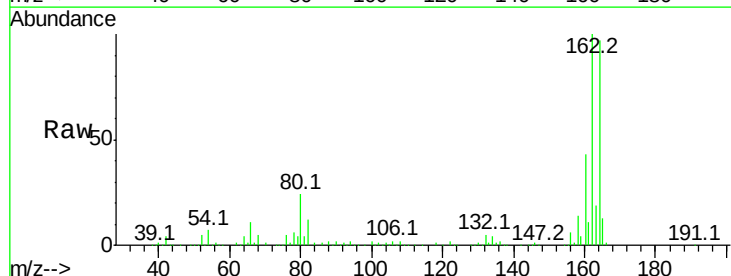
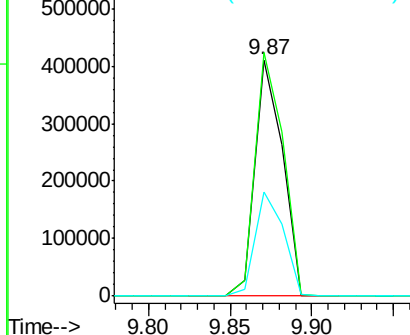
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

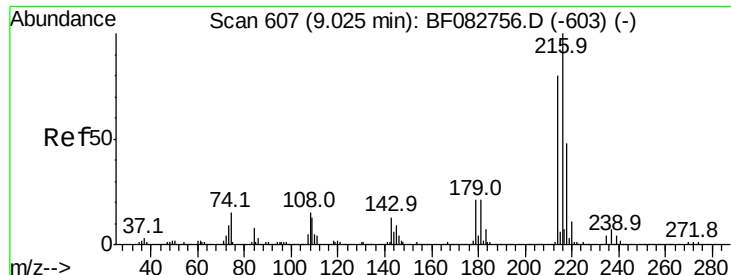


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.9	127.3
160	43.9	37.5	56.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.90 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 601603
Ion Ratio Lower Upper

216 100

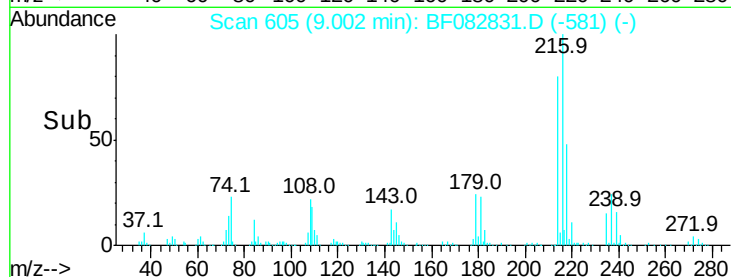
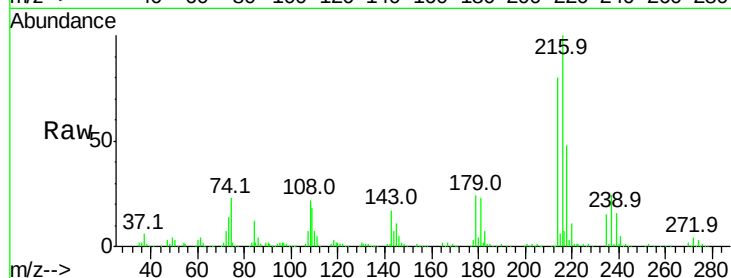
214 79.3 62.2 93.2

179 23.0 18.1 27.1

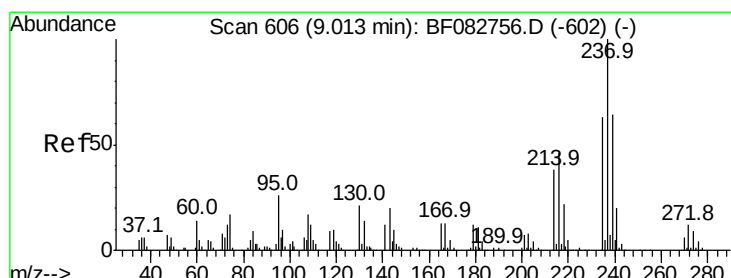
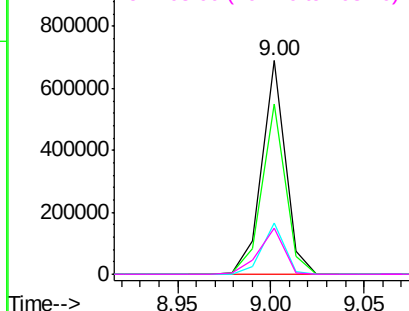
108 22.9 16.6 25.0

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



#40

Hexachlorocyclopentadiene

Concen: 39.97 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF082831.D

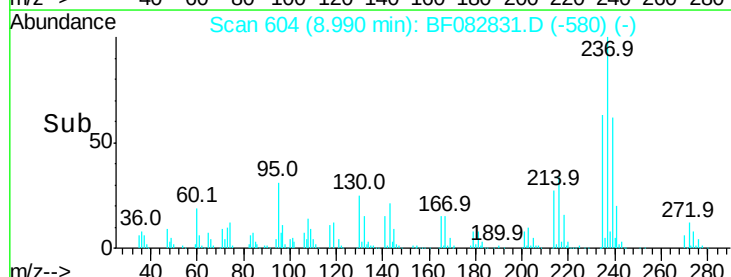
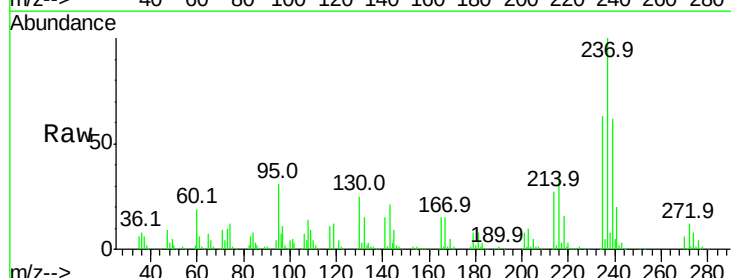
Acq: 9 Nov 2015 15:02

Tgt Ion:237 Resp: 340892
Ion Ratio Lower Upper

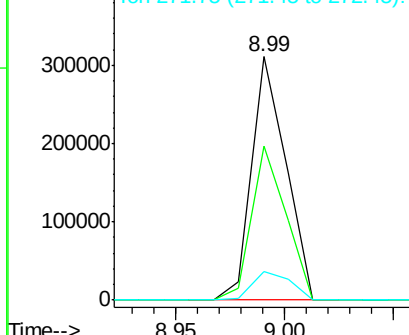
237 100

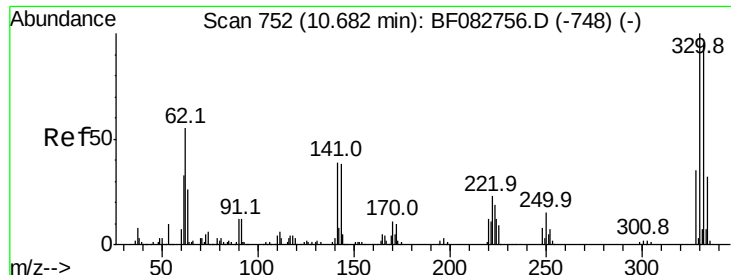
235 63.3 44.3 84.3

272 11.6 0.0 31.9



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





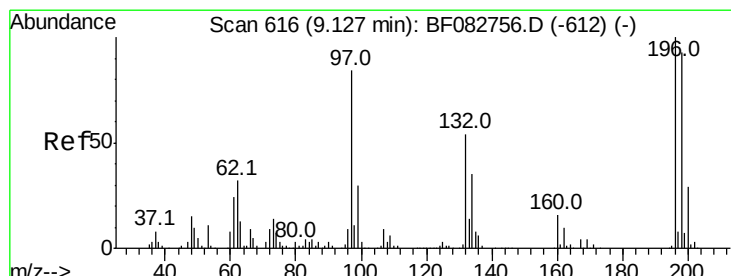
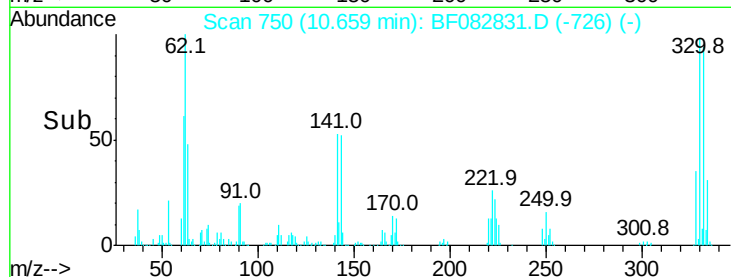
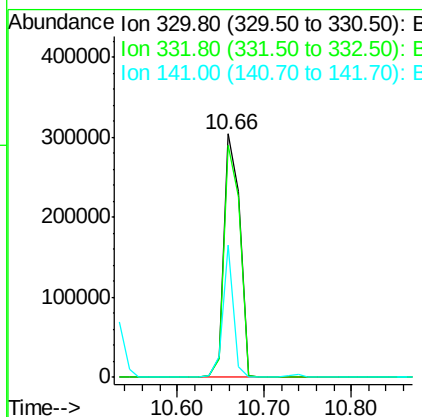
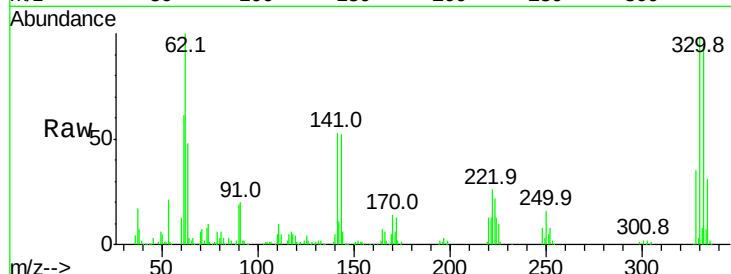
#41
 2,4,6-Tribromophenol
 Concen: 70.41 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	390011		
332	96.4	76.6	114.8	
141	36.8	41.2	61.8#	

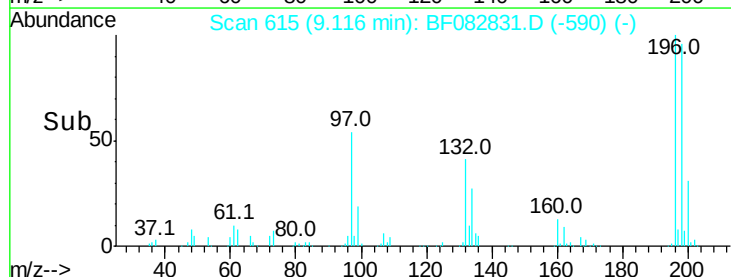
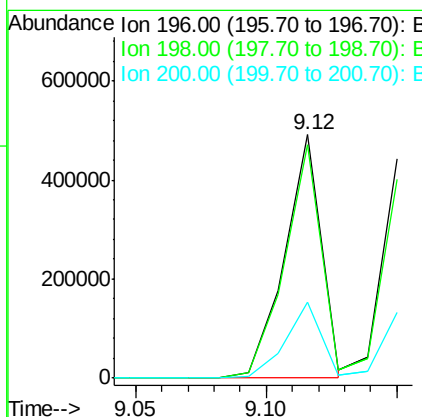
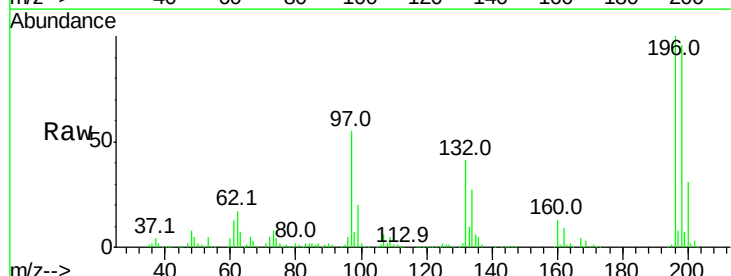
Manual Integrations
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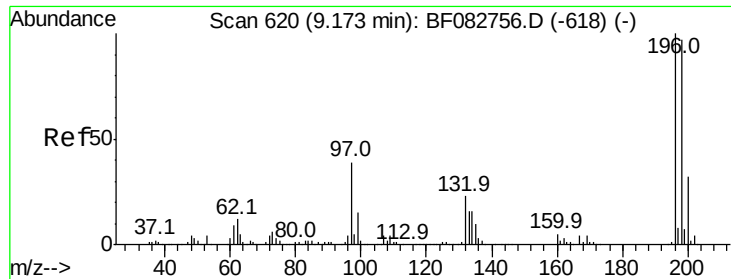
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 11/10/2015 1:02:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	477900		
198	96.0	76.3	114.5	
200	31.3	23.9	35.9	





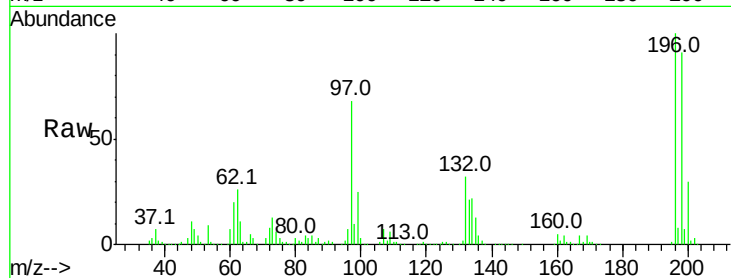
#43
 2,4,5-Trichlorophenol
 Concen: 39.33 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

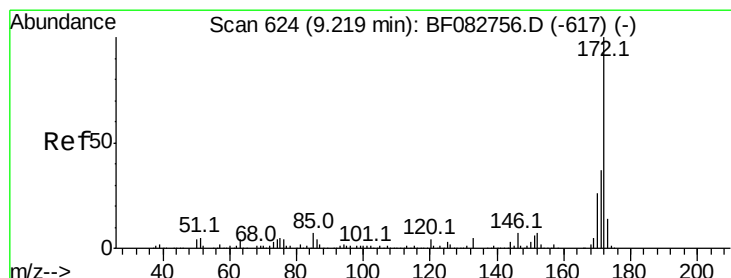
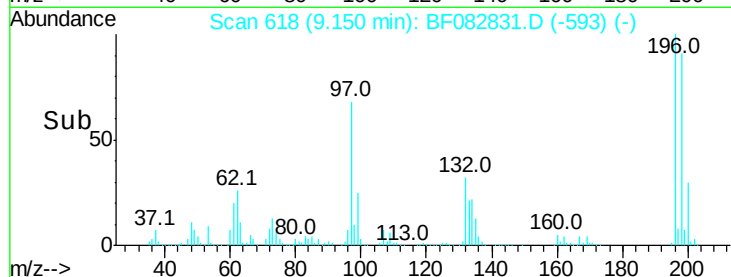
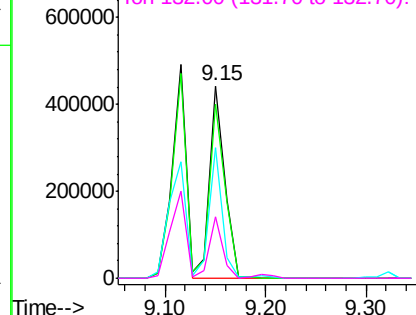
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		460920		
198	90.7	75.8	113.8		
97	67.7	62.3	93.5		
132	32.1	27.4	41.2		

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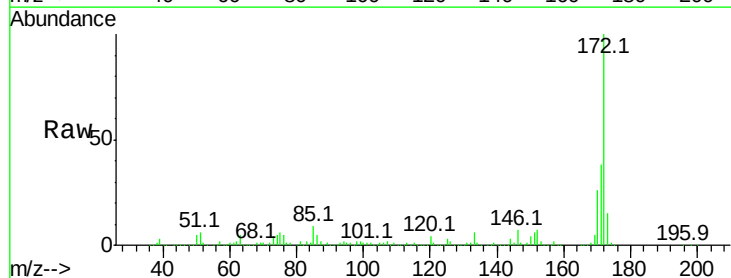


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

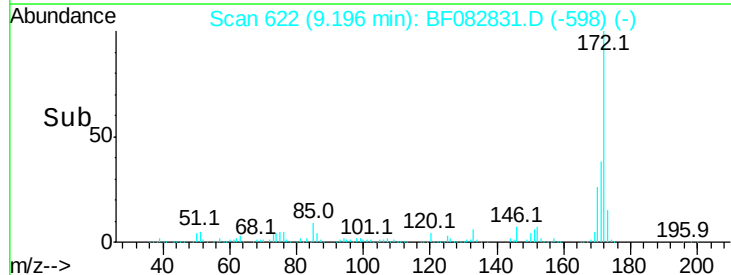
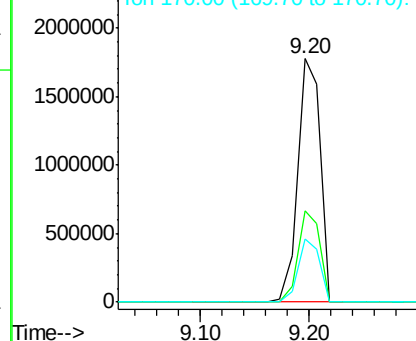


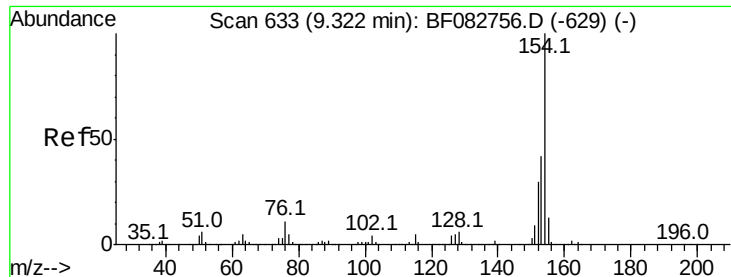
#44
 2-Fluorobiphenyl
 Concen: 75.78 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2554144		
171	37.6	30.8	46.2		
170	25.8	21.2	31.8		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





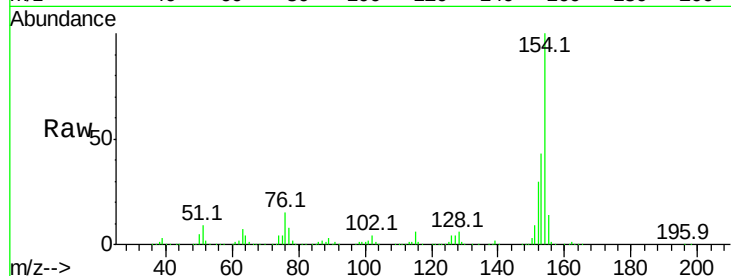
#45
1,1'-Biphenyl
Concen: 36.34 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

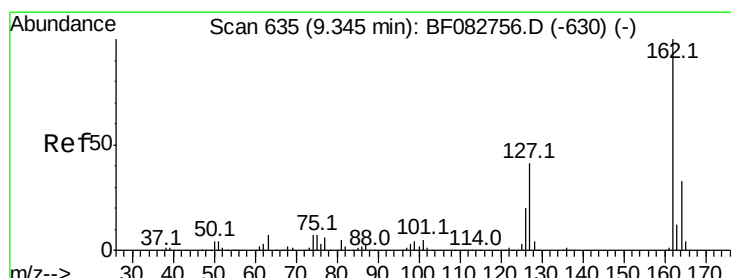
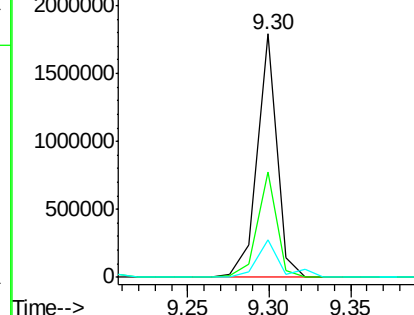
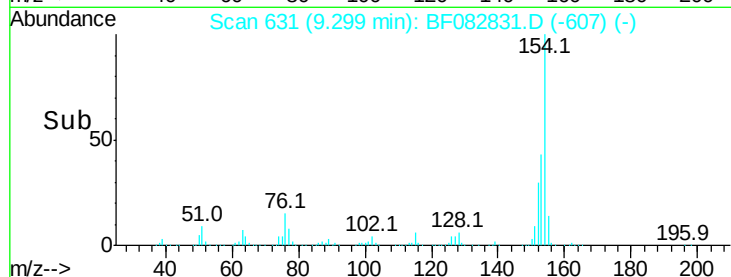
Tot Ion:154 Resp: 1506408
Ion Ratio Lower Upper
154 100
153 43.1 22.0 62.0
76 15.4 0.0 29.0

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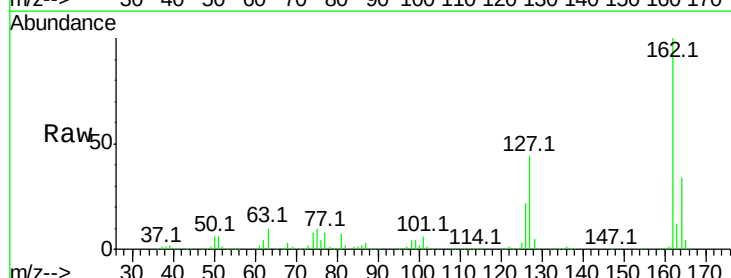


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

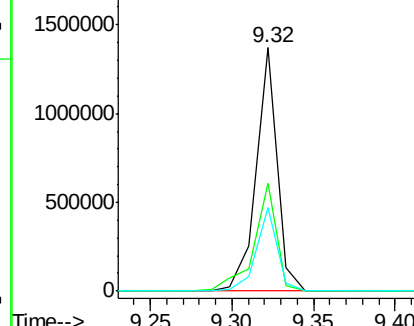
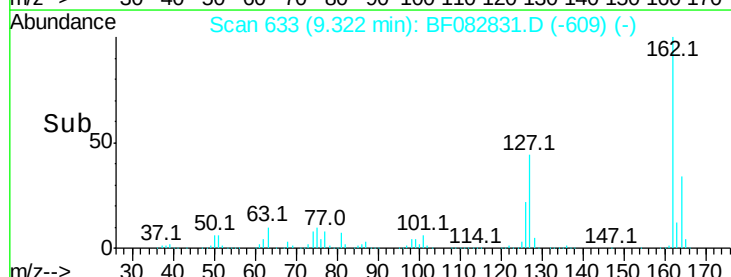


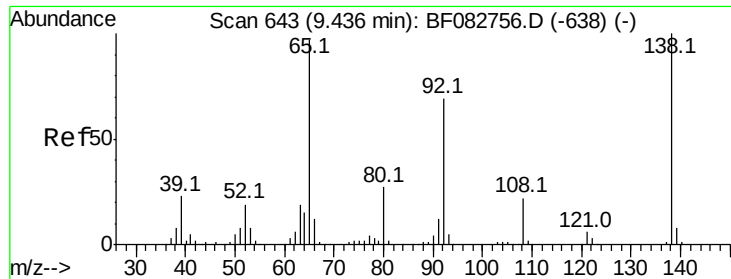
#46
2-Chloronaphthalene
Concen: 37.80 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion:162 Resp: 1222196
Ion Ratio Lower Upper
162 100
127 44.3 32.7 49.1
164 34.2 27.4 41.0



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





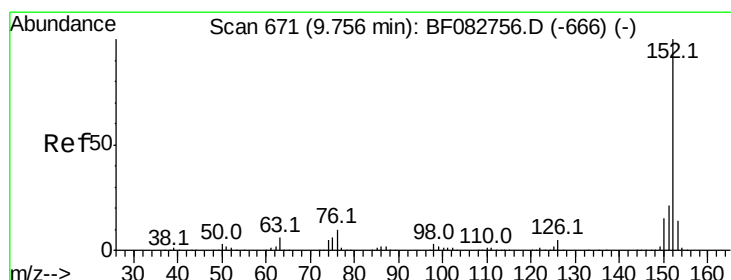
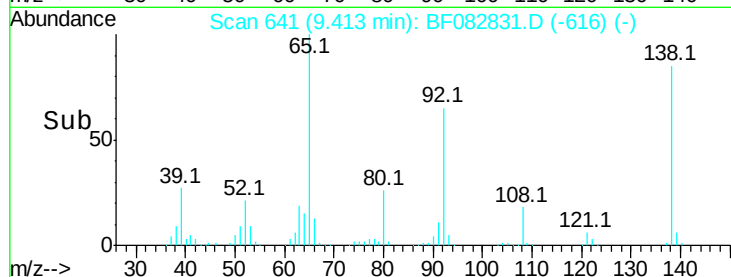
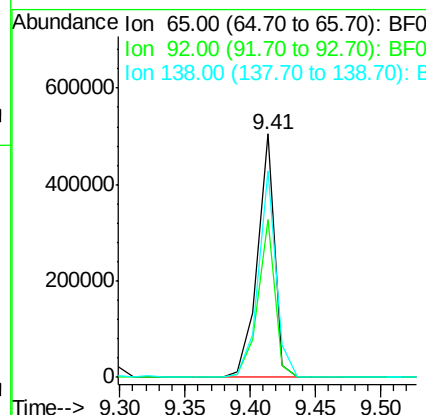
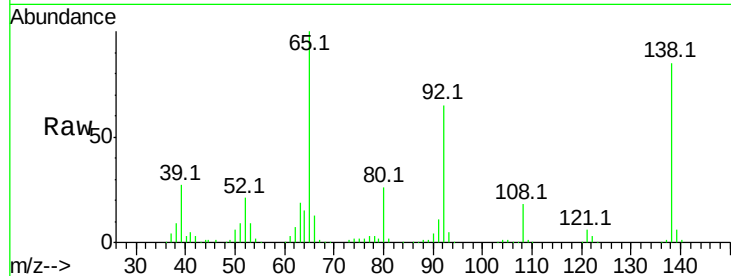
#47
2-Nitroaniline
Concen: 38.59 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	46.6	70.0
138	84.9	54.6	81.8

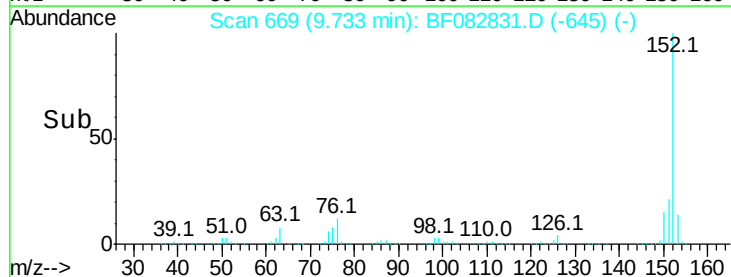
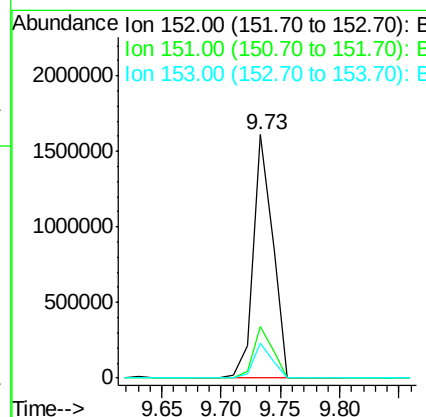
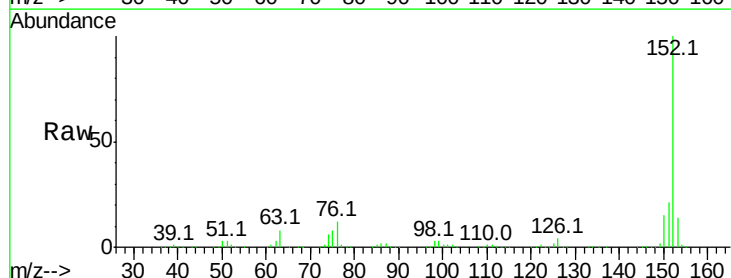
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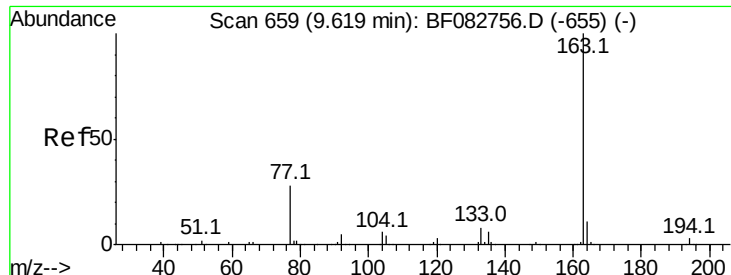
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#48
Acenaphthylene
Concen: 36.39 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.3	25.9
153	14.5	11.3	16.9





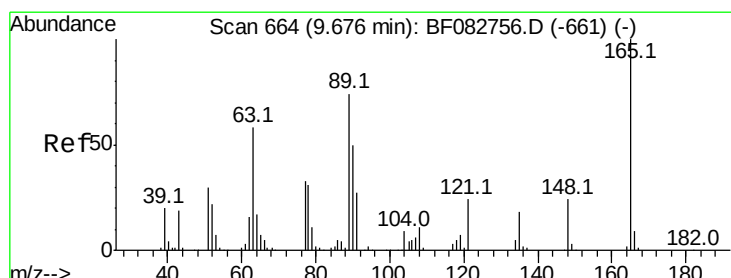
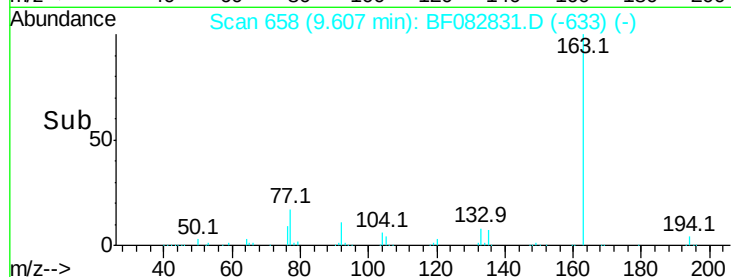
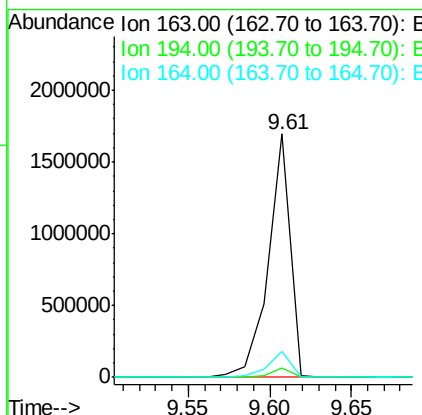
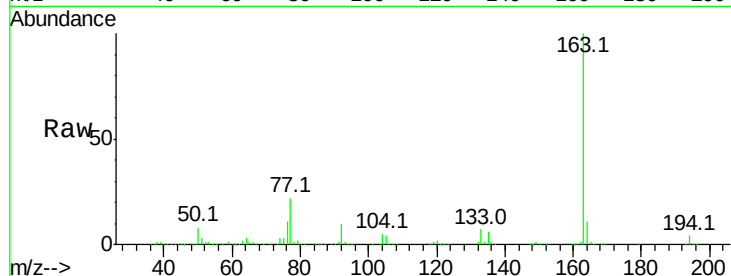
#49
Dimethylphthalate
Concen: 40.23 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1592327
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.8 8.7 13.1

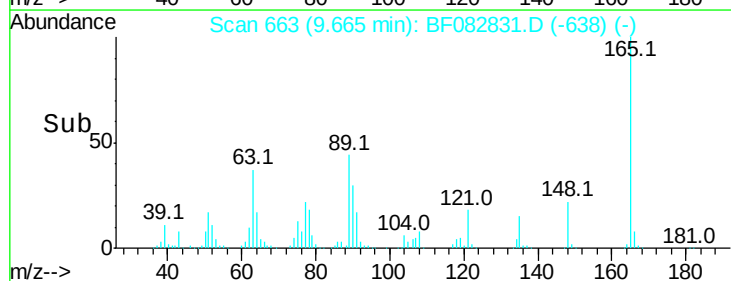
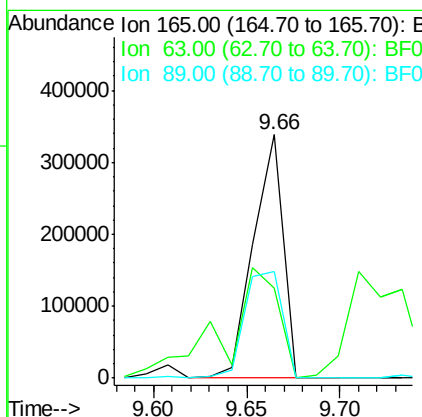
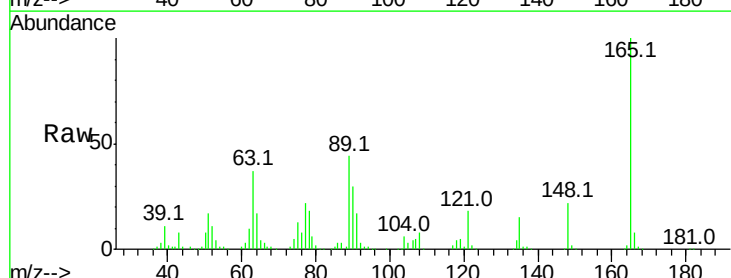
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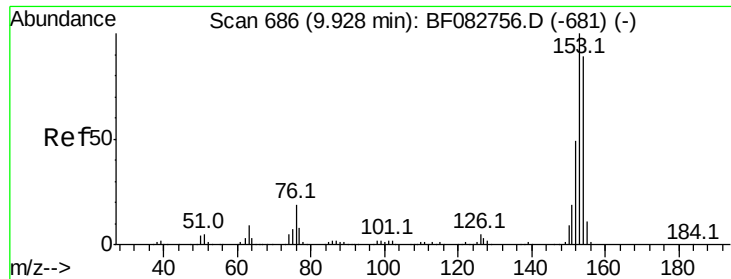
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#50
2,6-Dinitrotoluene
Concen: 43.89 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion:165 Resp: 370631
Ion Ratio Lower Upper
165 100
63 37.1 55.5 83.3#
89 43.6 55.0 82.6#





#51

Acenaphthene

Concen: 38.43 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1234072

Ion Ratio Lower Upper

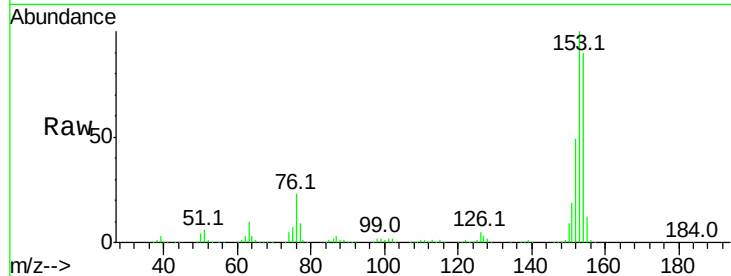
154 100

153 111.5 90.1 135.1

152 55.0 44.3 66.5

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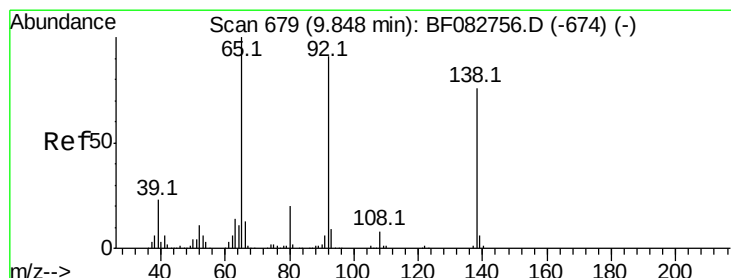
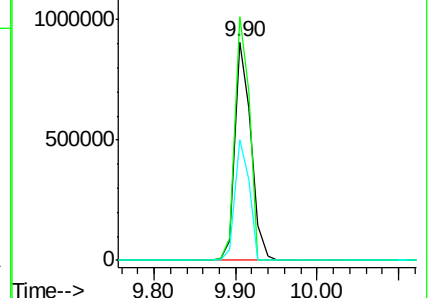
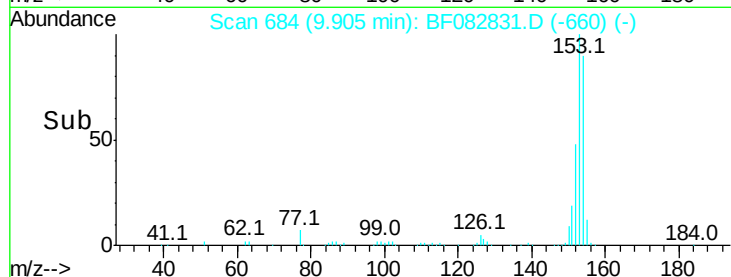
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.40 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

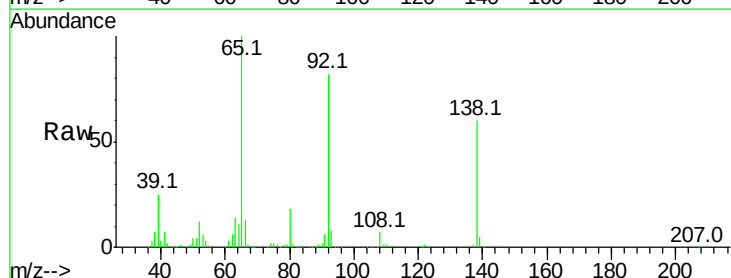
Tgt Ion:138 Resp: 338031

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

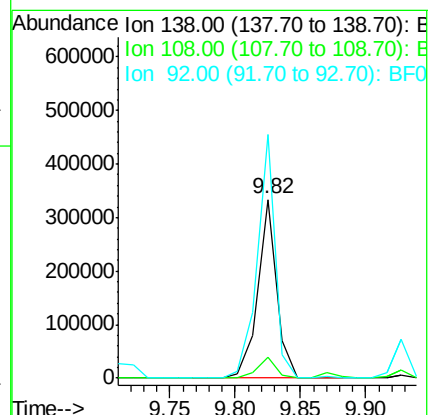
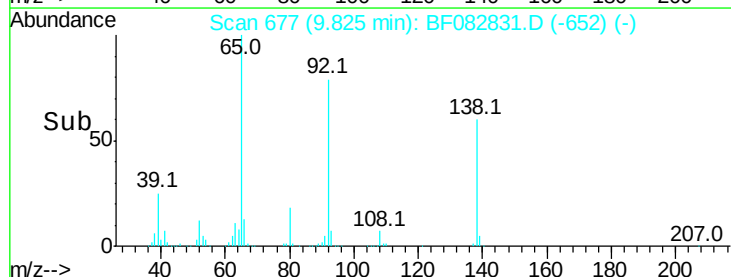
92 136.3 122.4 183.6

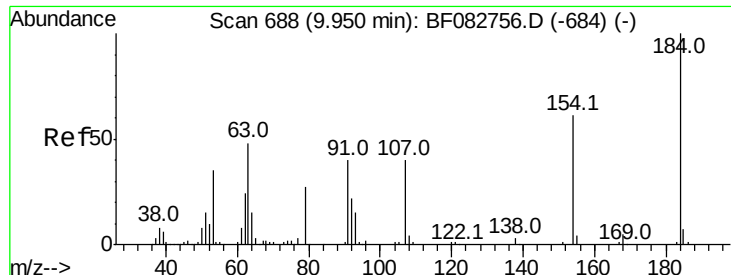


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





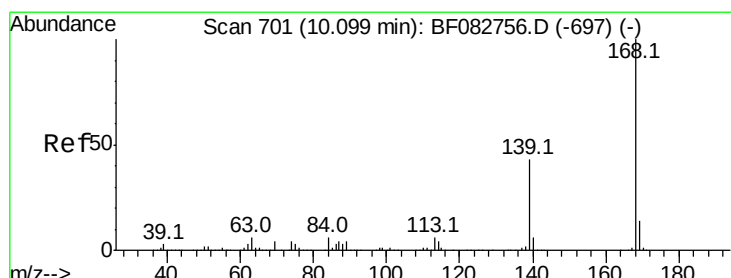
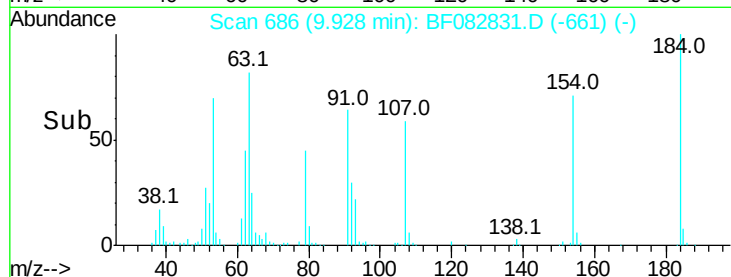
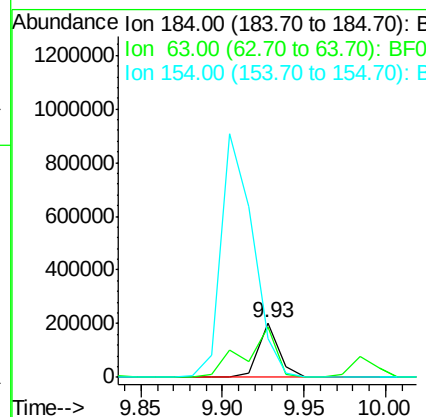
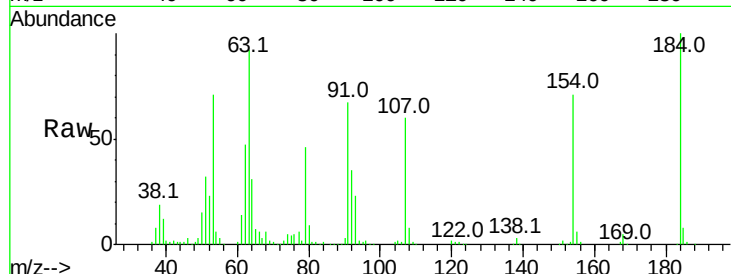
#53
 2,4-Dinitrophenol
 Concen: 39.37 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	182516		
63	91.8	98.6	148.0#	
154	70.7	183.9	275.9#	

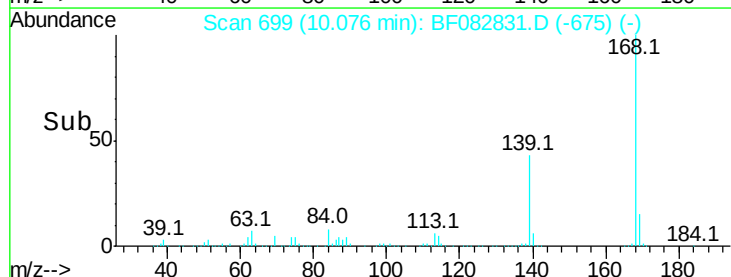
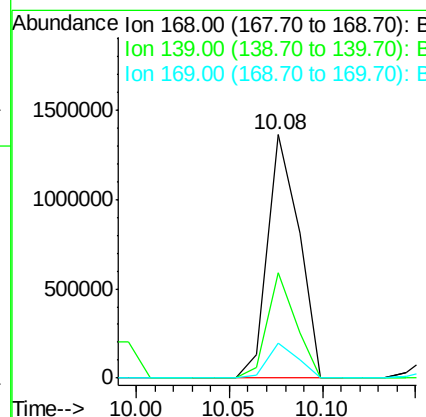
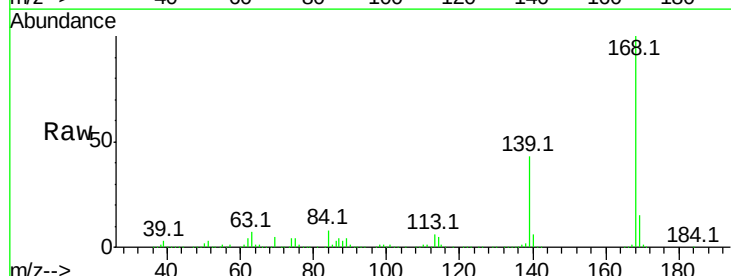
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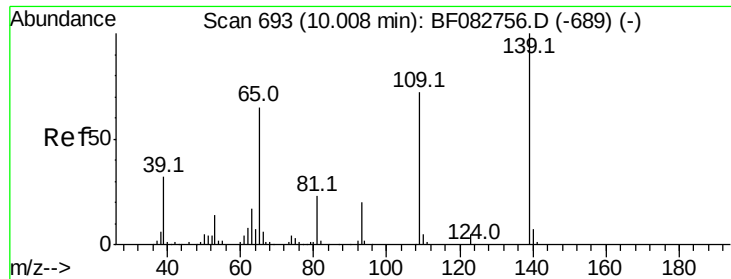
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#54
 Dibenzofuran
 Concen: 36.56 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1583208		
139	43.1	37.8	56.6	
169	14.6	11.3	16.9	





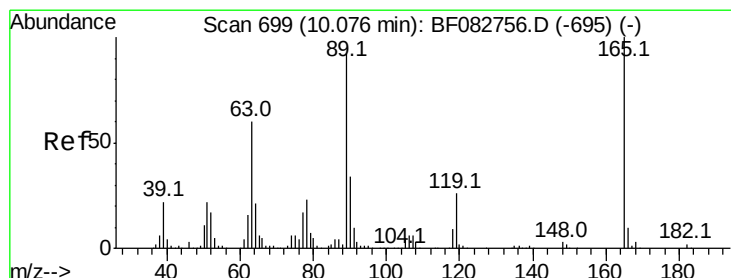
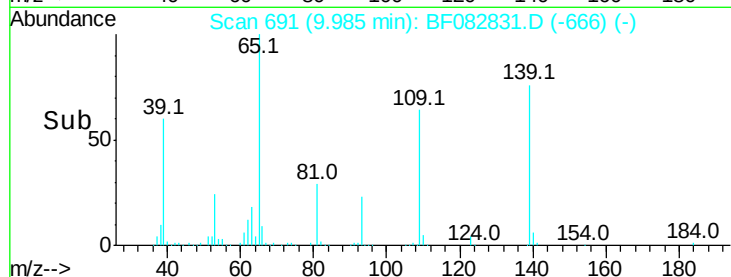
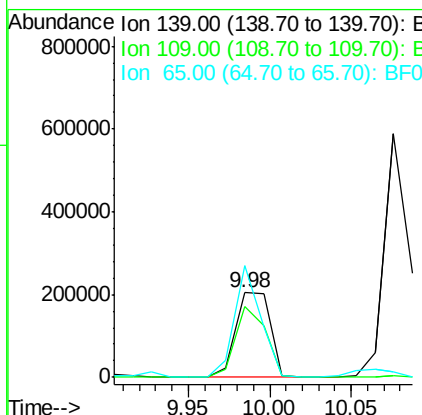
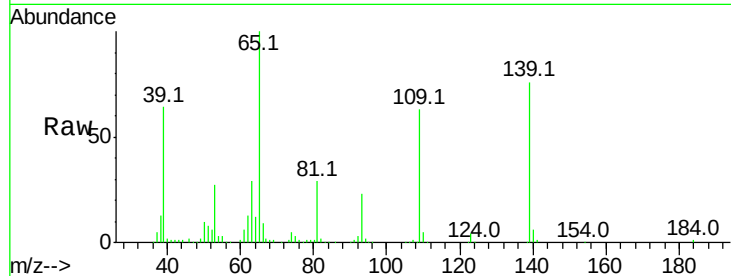
#55
4-Nitrophenol
Concen: 42.19 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.7	73.7	113.7	
65	132.1	82.9	122.9	

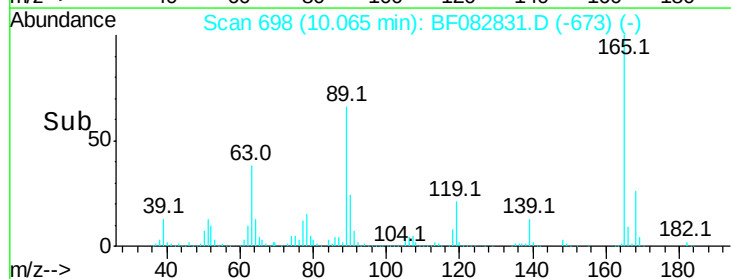
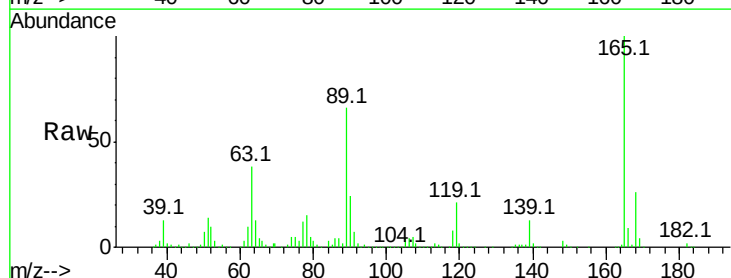
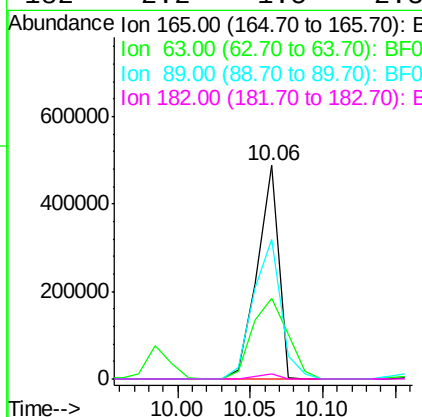
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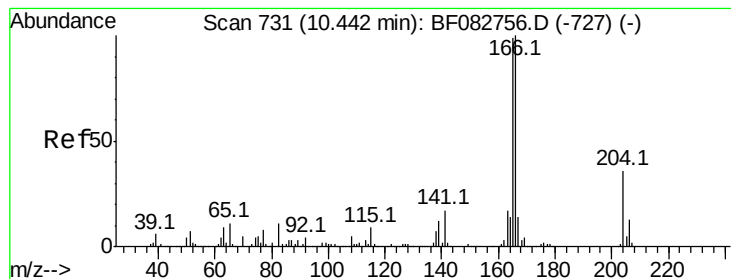
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#56
2,4-Dinitrotoluene
Concen: 43.68 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.0	43.4	65.0	
89	65.6	70.6	106.0	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 33.35 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1169578

Ion Ratio Lower Upper

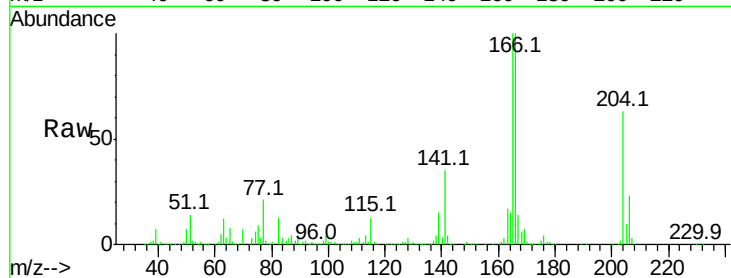
166 100

165 99.7 80.2 120.4

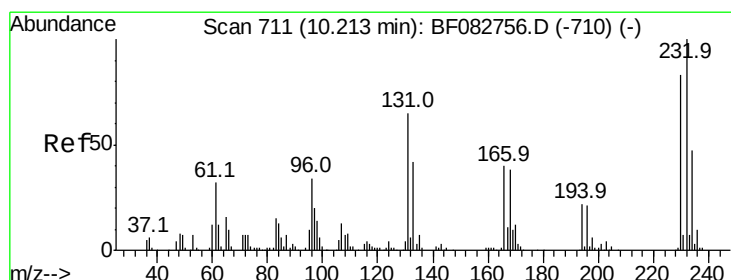
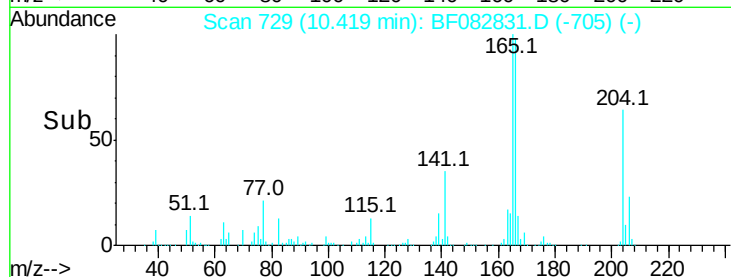
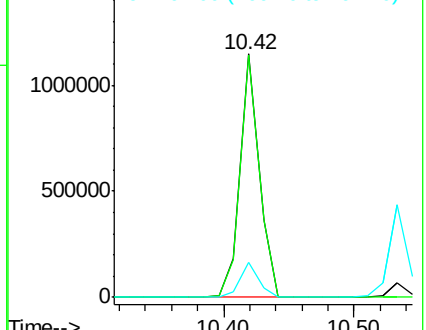
167 14.4 11.2 16.8

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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: 41.38 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:232 Resp: 395801

Ion Ratio Lower Upper

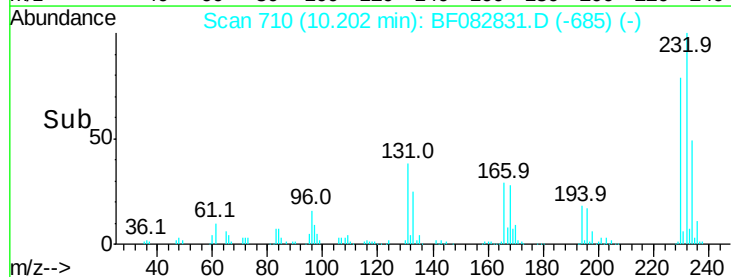
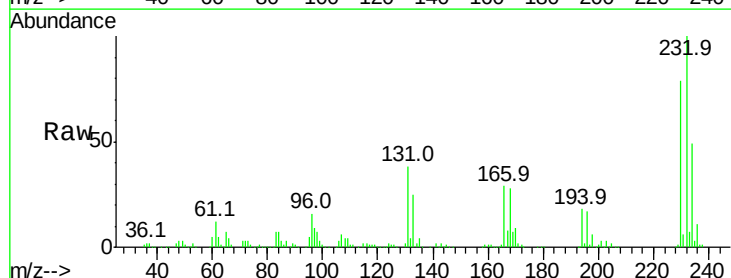
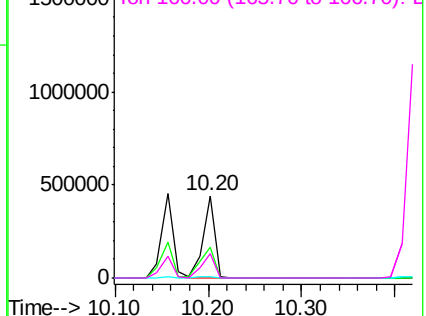
232 100

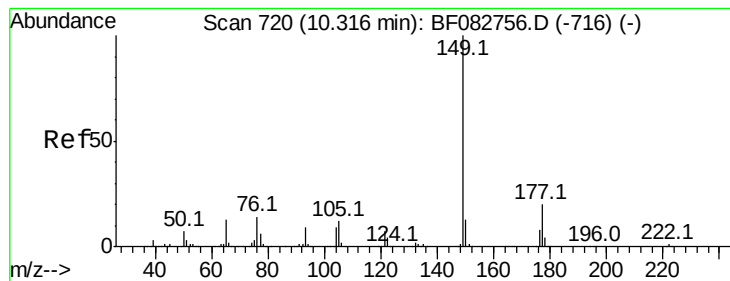
131 45.2 46.2 69.2#

130 2.3 2.4 3.6#

166 32.4 28.2 42.2

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: 39.54 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1527892

Ion Ratio Lower Upper

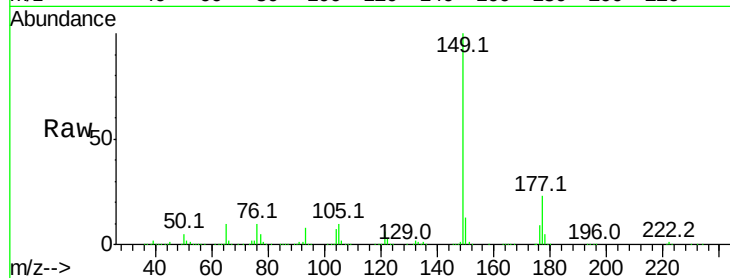
149 100

177 23.2 17.9 26.9

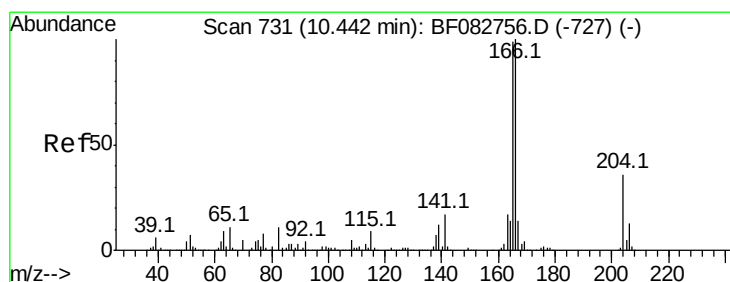
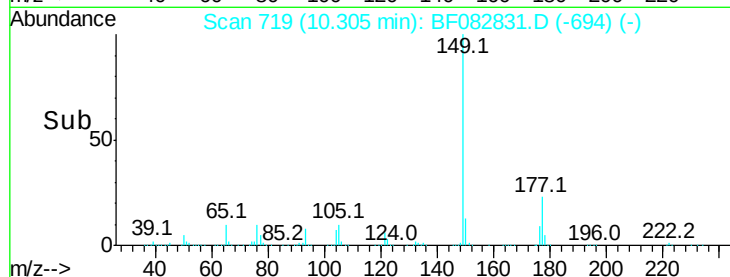
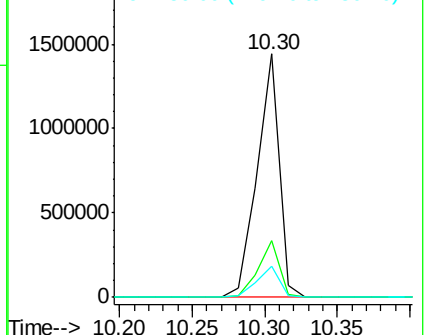
150 12.9 10.1 15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.63 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

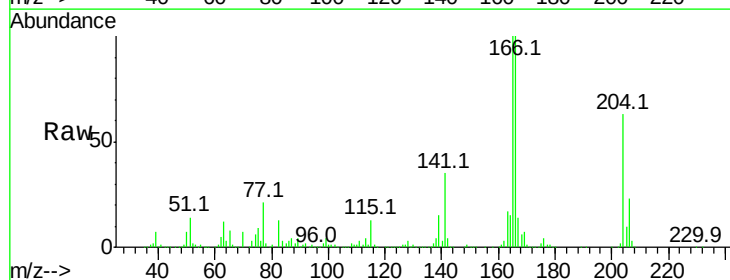
Tgt Ion:204 Resp: 677843

Ion Ratio Lower Upper

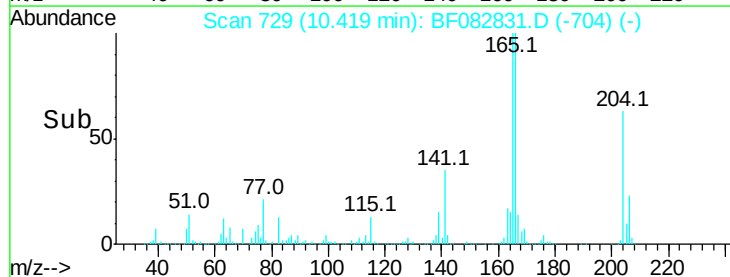
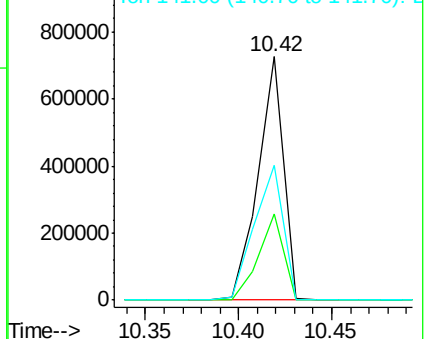
204 100

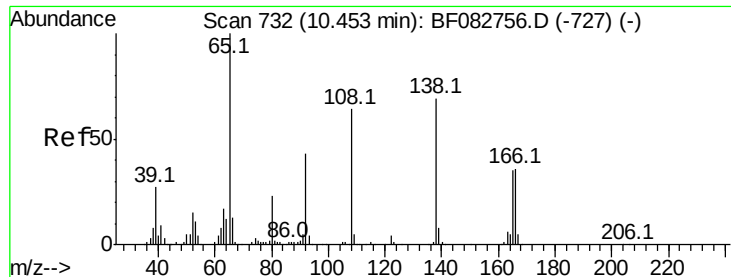
206 35.6 28.5 42.7

141 55.3 44.6 66.8



Abundance Ion 204.00 (203.70 to 204.70): E
1000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.49 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

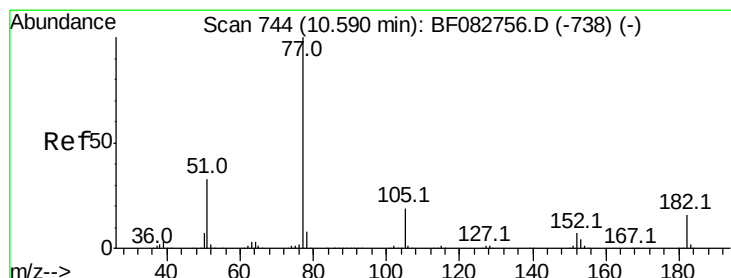
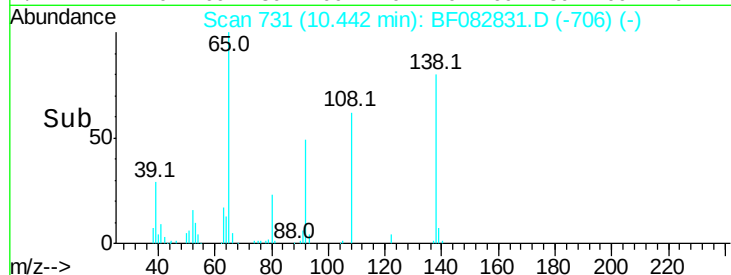
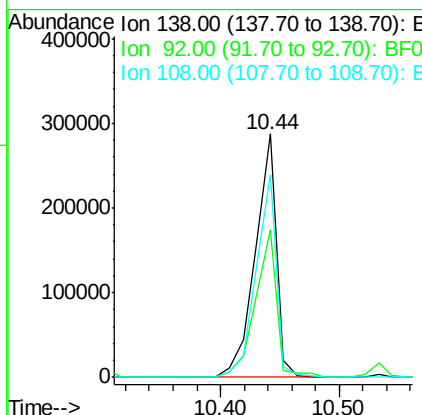
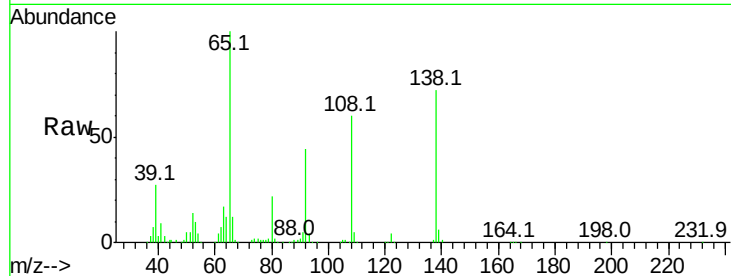
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	359467
Ion Ratio	Lower	Upper	
138	100		
92	60.5	45.8	85.8
108	83.3	89.4	129.4#

Manual Integrations
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#62

Azobenzene

Concen: 41.89 ng

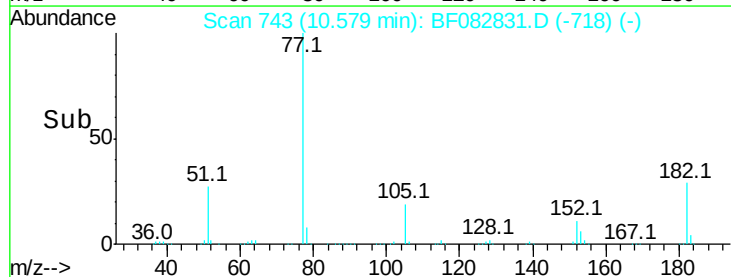
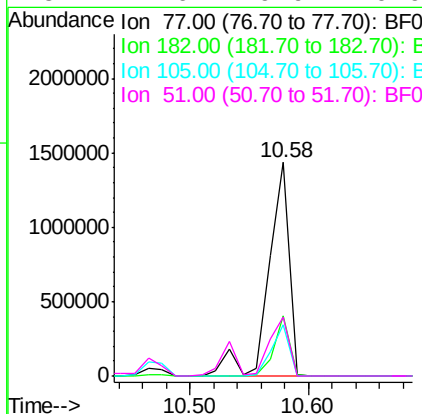
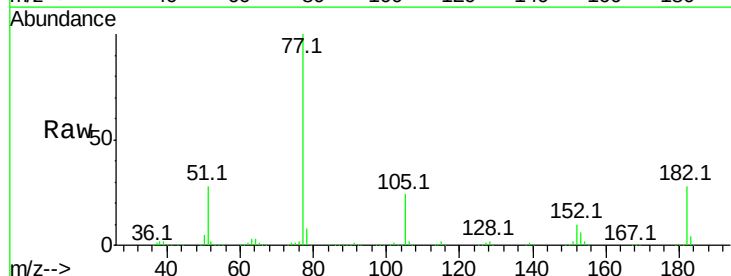
RT: 10.58 min Scan# 743

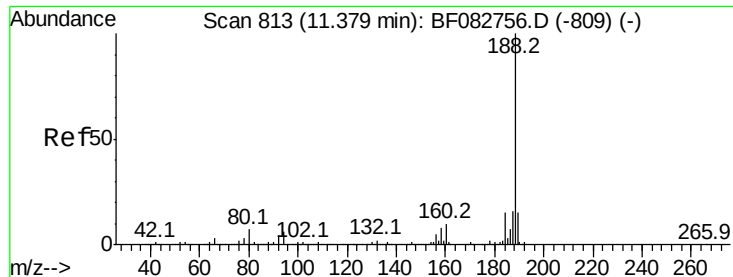
Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	77	Resp:	1739037
Ion Ratio	Lower	Upper	
77	100		
182	28.4	9.3	49.3
105	23.9	2.6	42.6
51	27.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

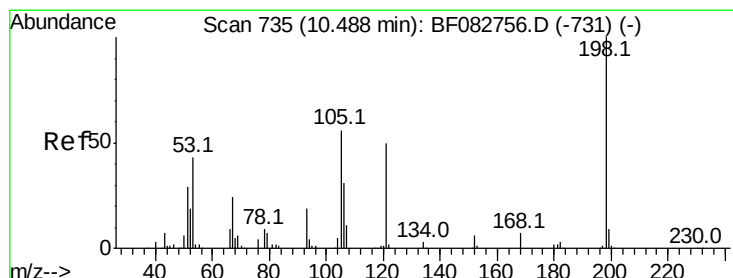
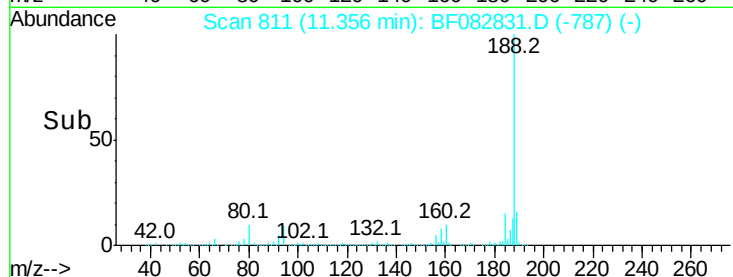
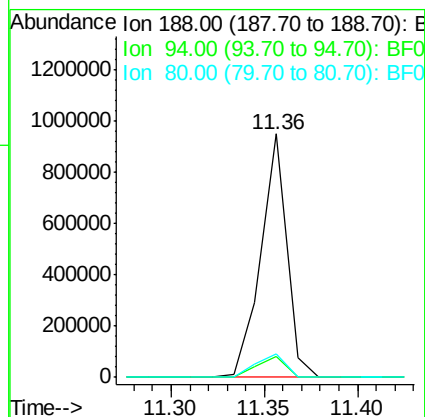
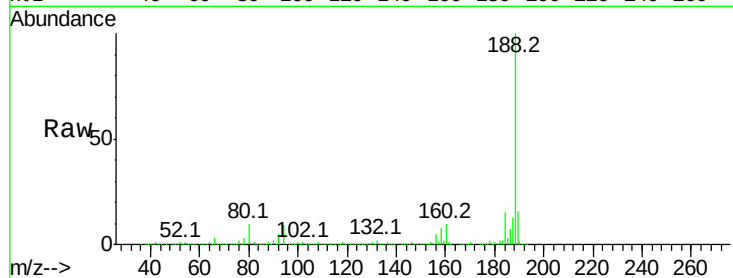
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	913668
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.1 9.1
80	9.8	7.0 10.6

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 46.34 ng

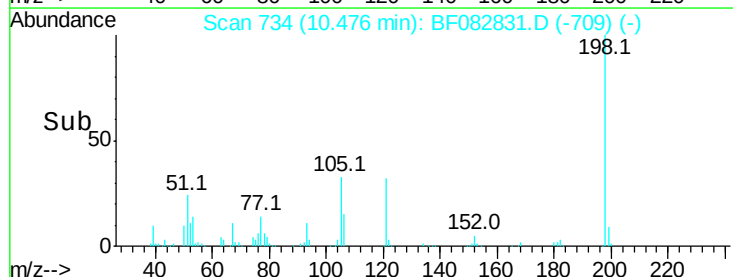
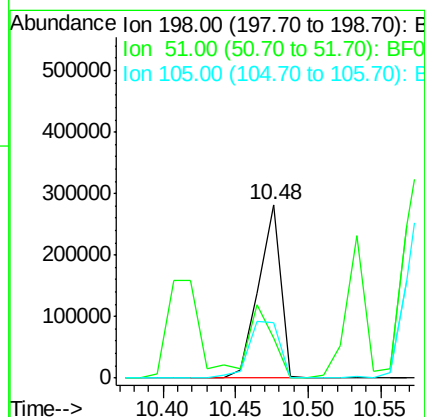
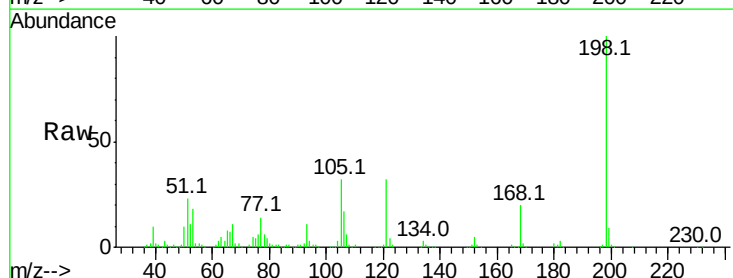
RT: 10.48 min Scan# 734

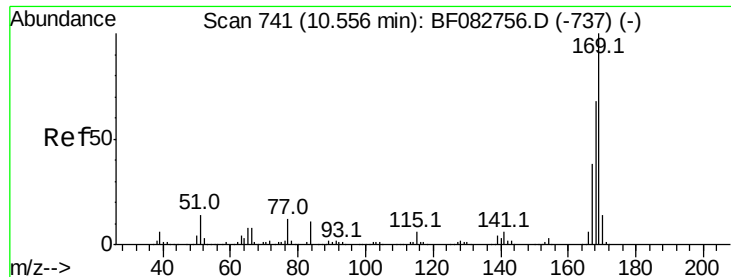
Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:198	Resp:	301635
Ion Ratio	Lower	Upper
198	100	
51	23.1	17.3 57.3
105	31.9	21.7 61.7





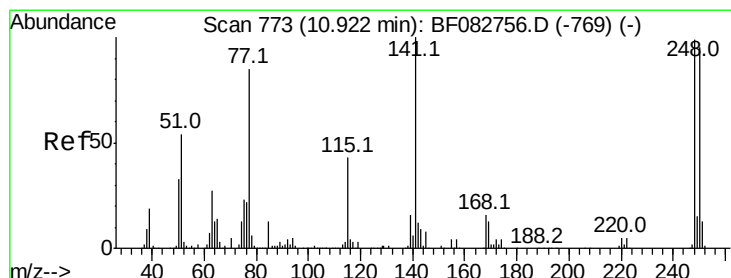
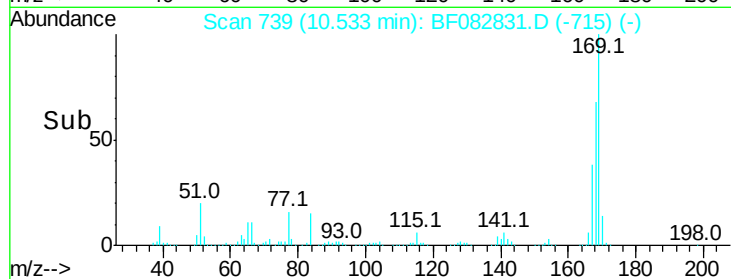
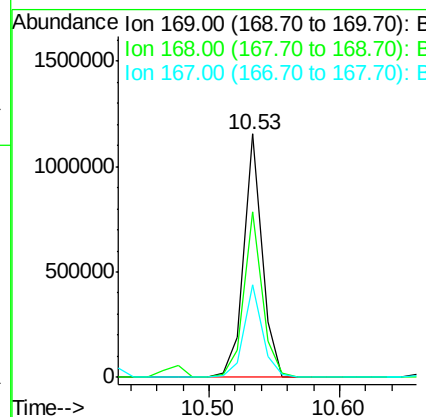
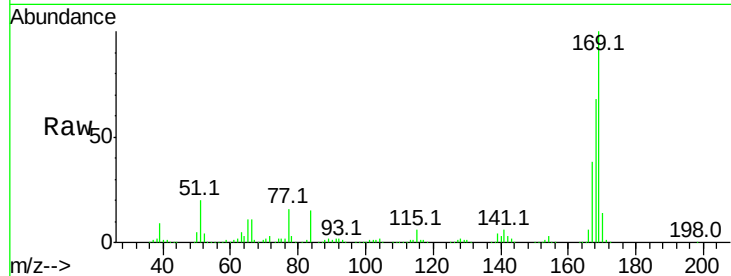
#65
n-Nitrosodiphenylamine
Concen: 33.86 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1117589
Ion Ratio Lower Upper
169 100
168 67.8 55.0 82.6
167 37.9 30.5 45.7

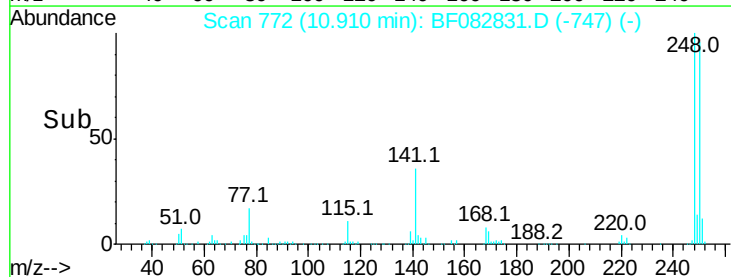
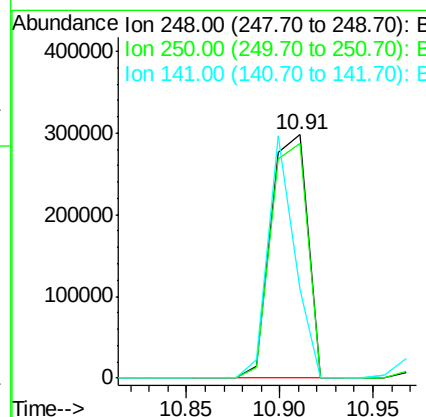
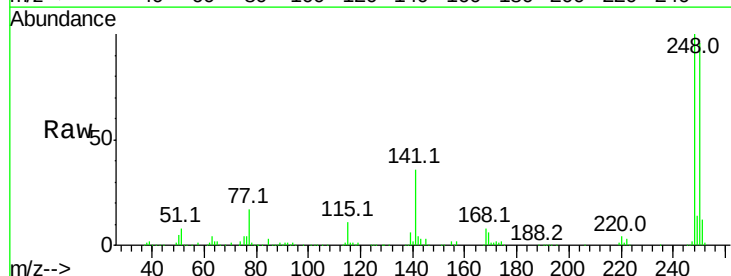
Manual Integrations
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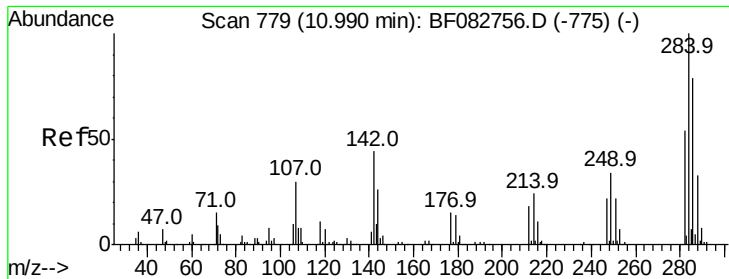
Mmdadoda
11/10/2015 1:02:03 PM



#66
4-Bromophenyl-phenylether
Concen: 36.80 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion:248 Resp: 404899
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.2
141 36.3 36.3 54.5#





#67

Hexachlorobenzene

Concen: 36.31 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

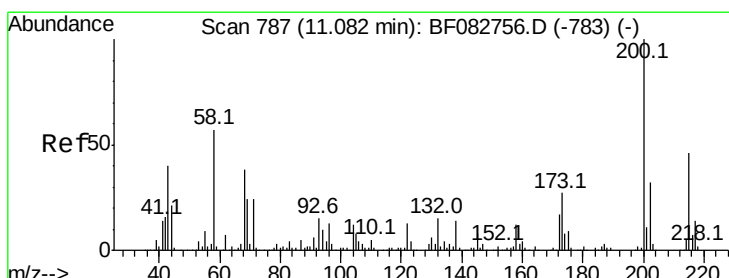
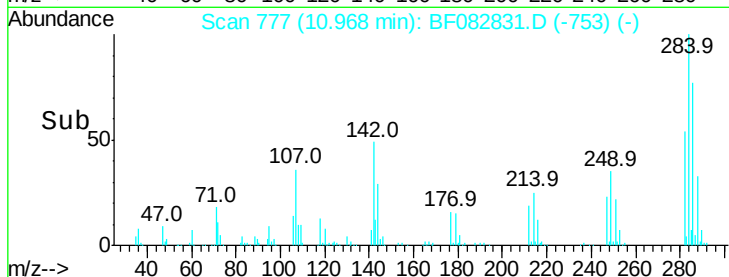
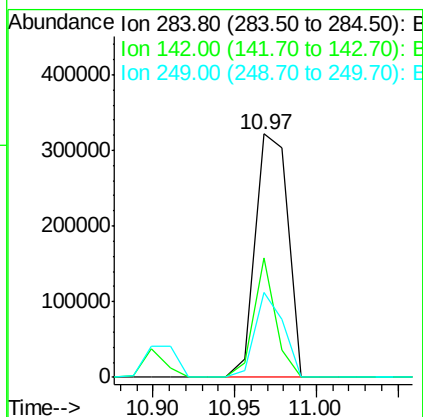
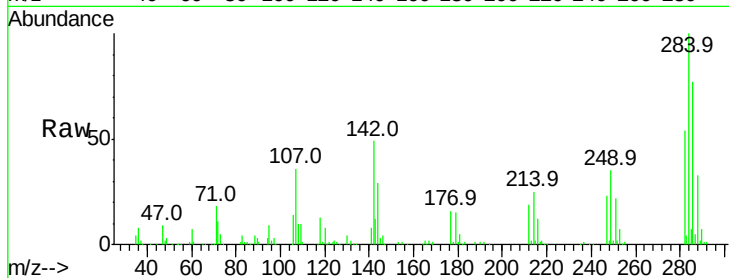
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	446087
Ion Ratio	Lower	Upper	
284	100		
142	49.1	47.9	71.9
249	35.1	29.7	44.5

Manual Integrations
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11/10/2015 1:02:03 PM



#68

Atrazine

Concen: 38.41 ng

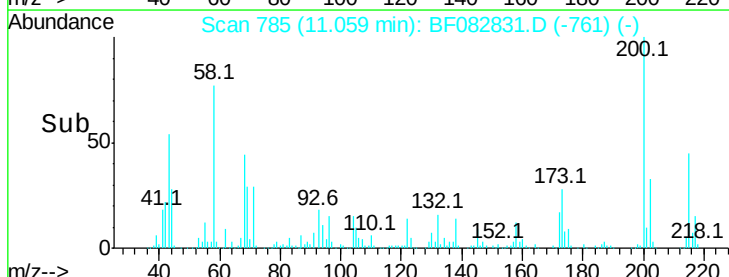
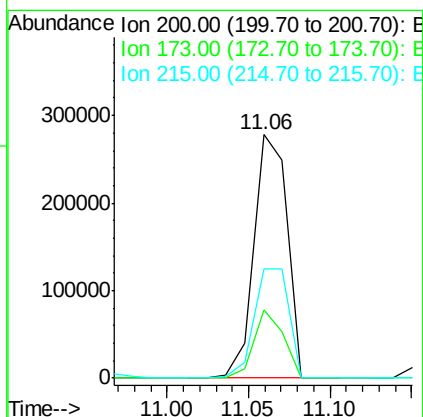
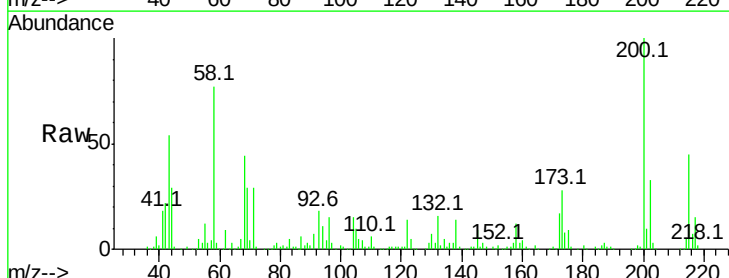
RT: 11.06 min Scan# 785

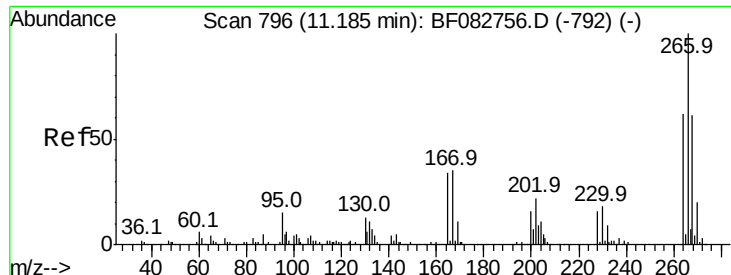
Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Tgt Ion:	200	Resp:	392090
Ion Ratio	Lower	Upper	
200	100		
173	28.2	6.9	46.9
215	44.7	22.9	62.9





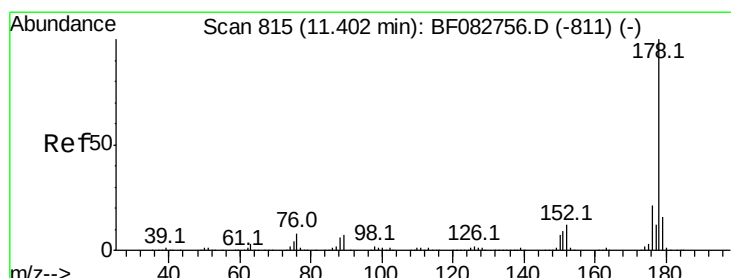
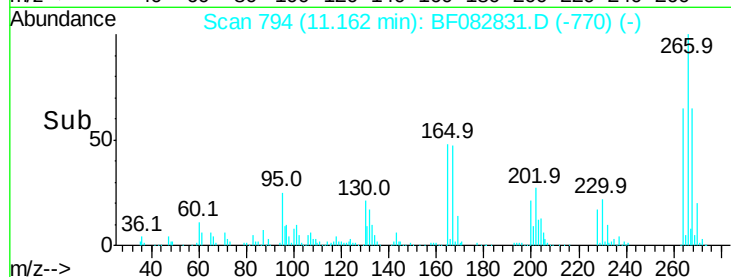
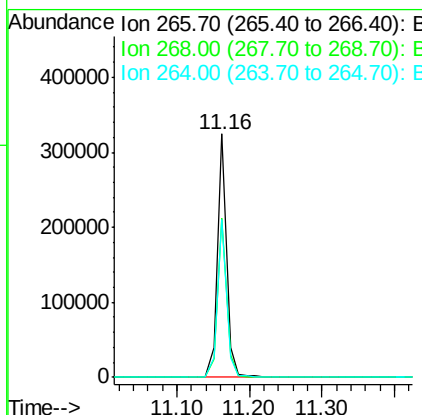
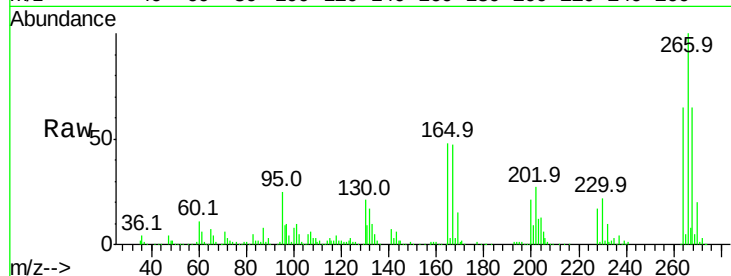
#69
 Pentachlorophenol
 Concen: 38.52 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	287370		
268	65.3		51.0	76.6
264	64.7		50.6	75.8

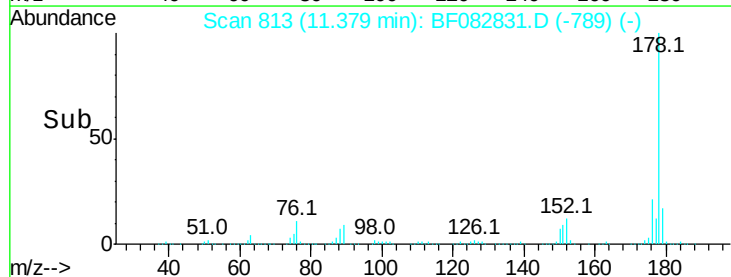
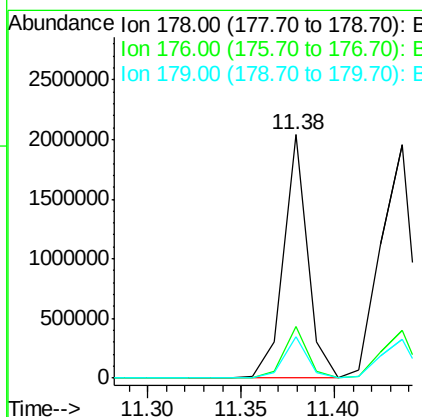
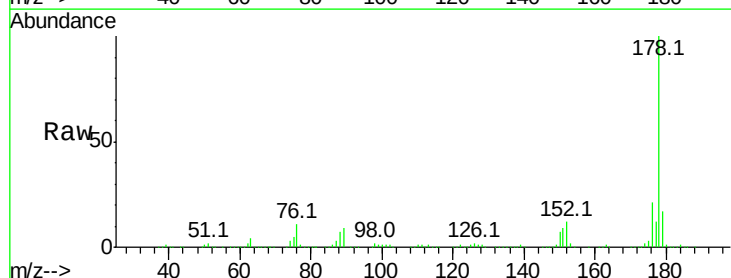
Manual Integrations
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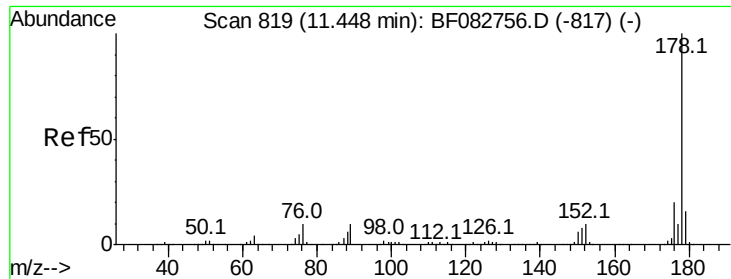
Mmdadoda
 11/10/2015 1:02:03 PM



#70
 Phenanthrene
 Concen: 34.58 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1834642		
176	21.4		17.0	25.4
179	16.8		13.4	20.0





#71
 Anthracene
 Concen: 38.77 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

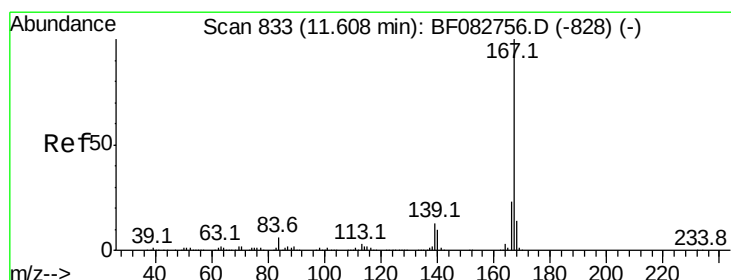
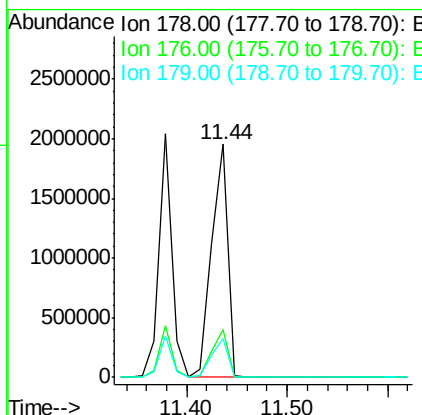
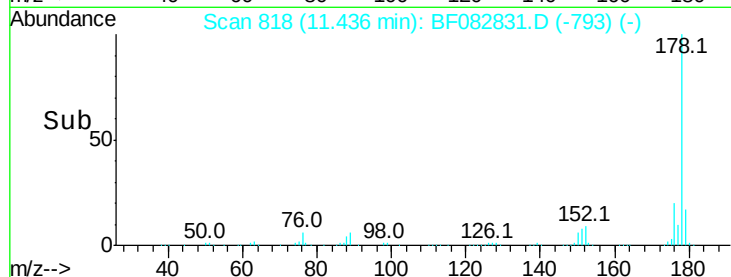
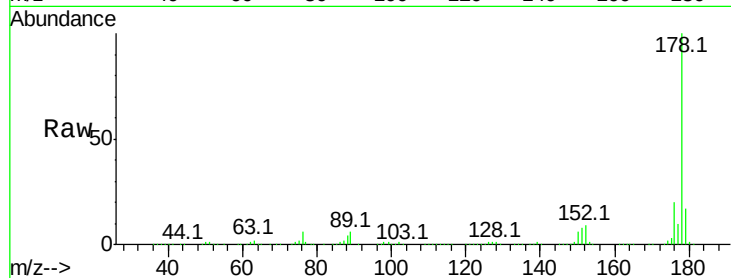
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 2167036

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	16.6	13.2	19.8

Manual Integrations
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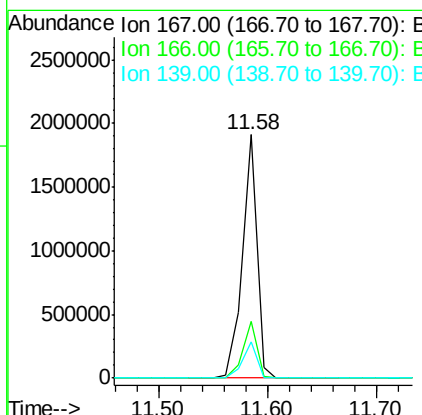
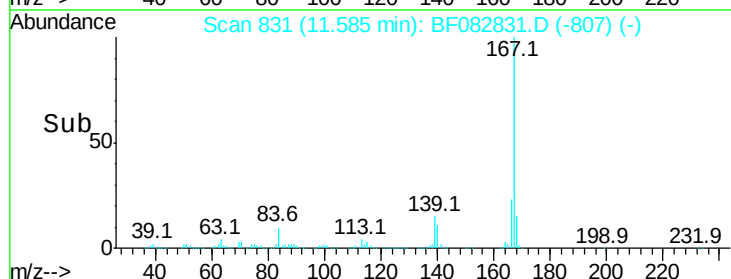
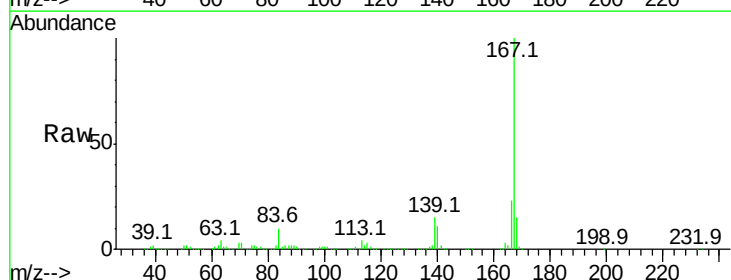
Mmdadoda
 11/10/2015 1:02:03 PM

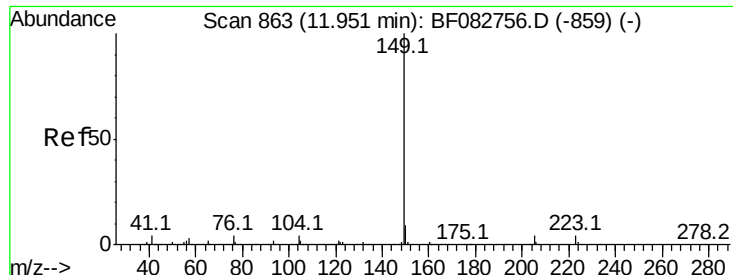


#72
 Carbazole
 Concen: 35.58 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion:167 Resp: 1740741

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.7	28.1
139	14.8	11.8	17.6





#73

Di-n-butylphthalate

Concen: 37.73 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2300088

Ion Ratio Lower Upper

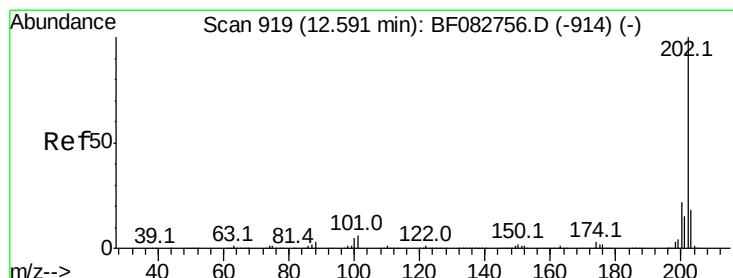
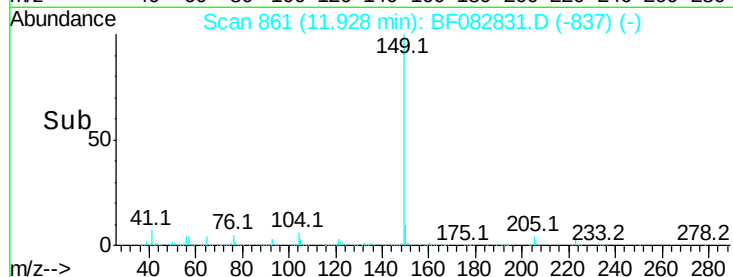
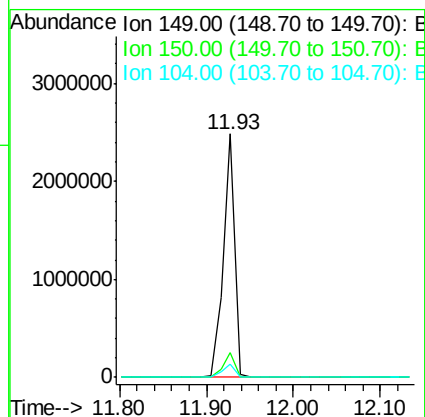
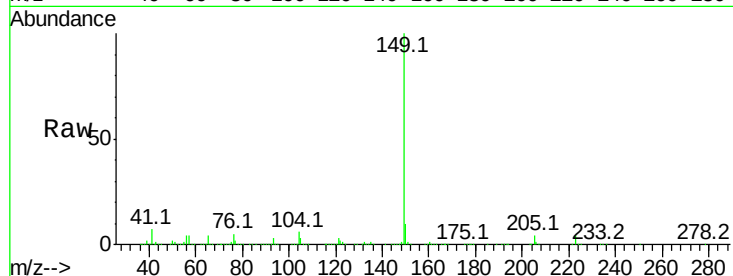
149 100

150 10.2 8.1 12.1

104 5.6 5.2 7.8

Manual Integrations
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11/10/2015 1:02:03 PM



#74

Fluoranthene

Concen: 37.92 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

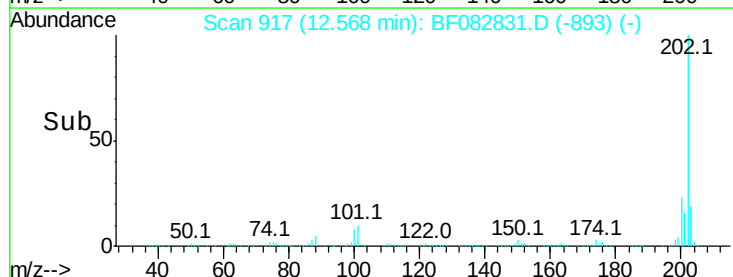
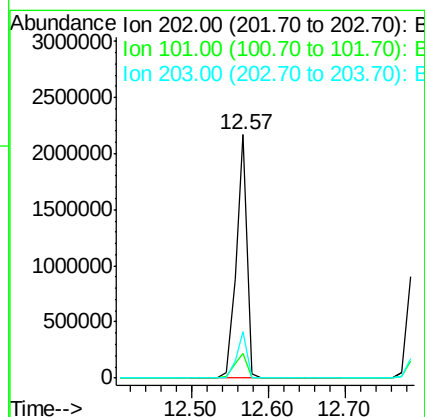
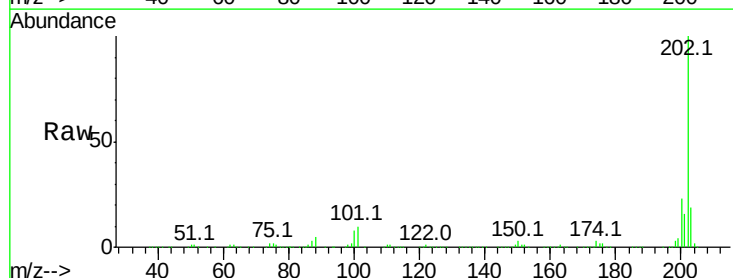
Tgt Ion:202 Resp: 2159099

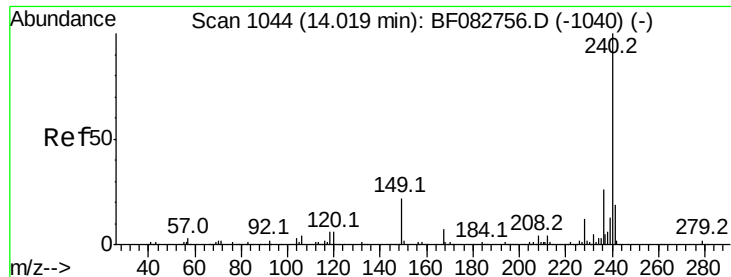
Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.5

203 19.1 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

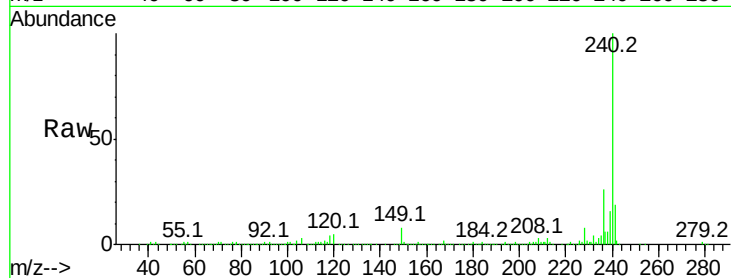
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	10.9	16.3#
236	26.1	21.6	32.4

Manual Integrations
APPROVED

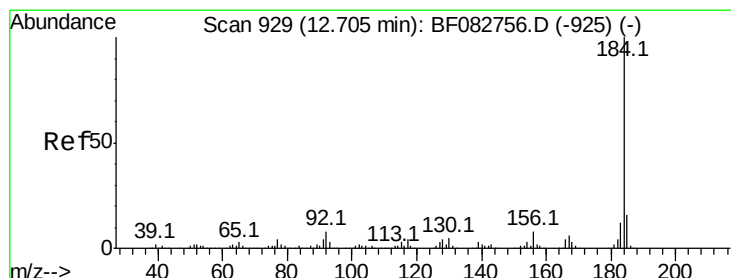
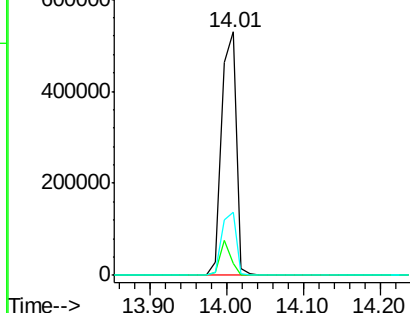
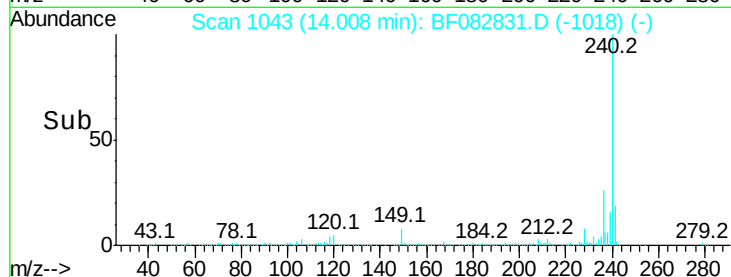
Mmdadoda
11/10/2015 1:02:03 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.98 ng

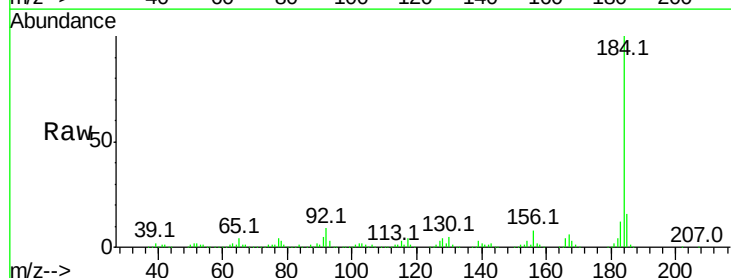
RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

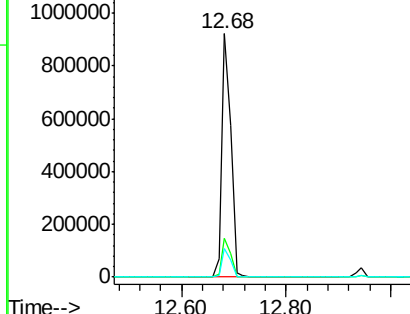
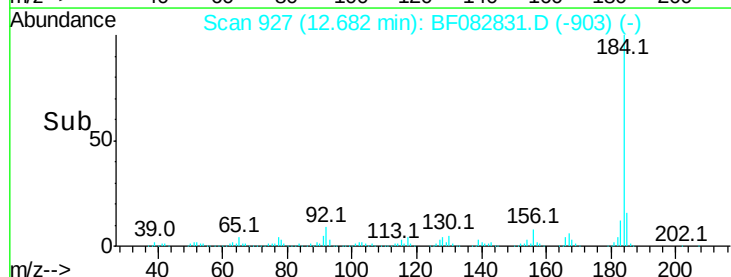
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.0	18.0
183	11.6	9.6	14.4

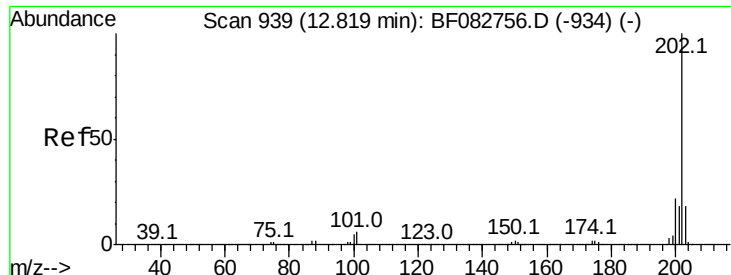


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





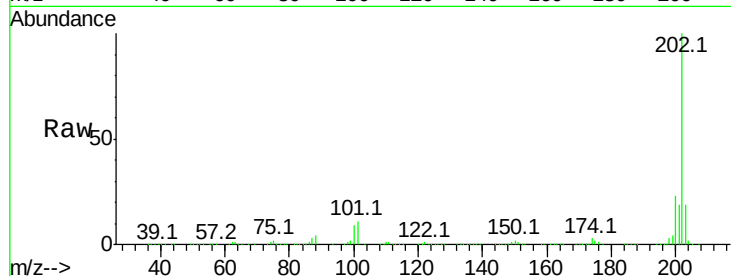
#77
Pvrene
Concen: 43.71 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.7	28.1
203	18.8	14.8	22.2

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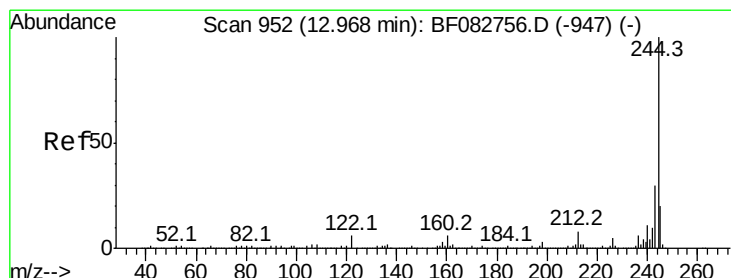
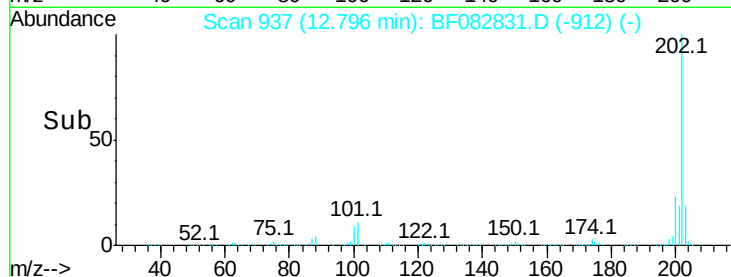
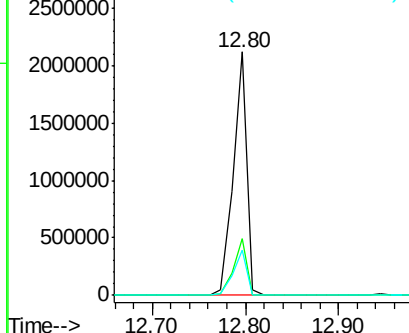


Abundance

Ion 202.00 (201.70 to 202.70): E

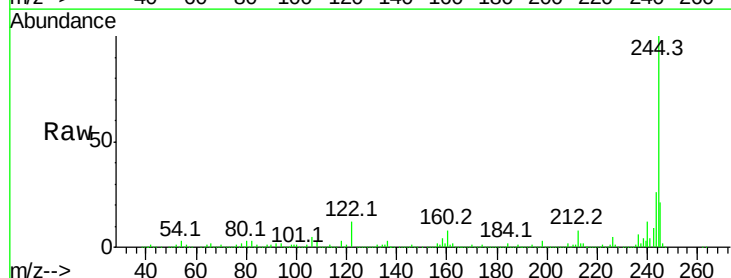
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 78.95 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	12.1	11.3	16.9

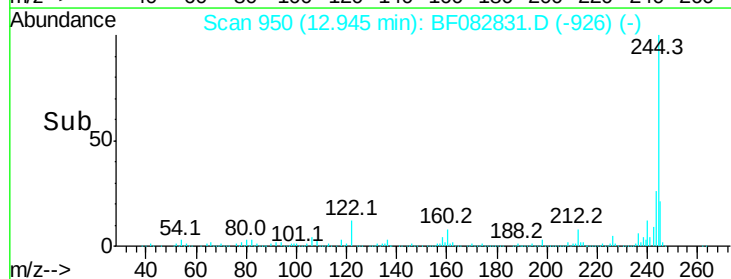
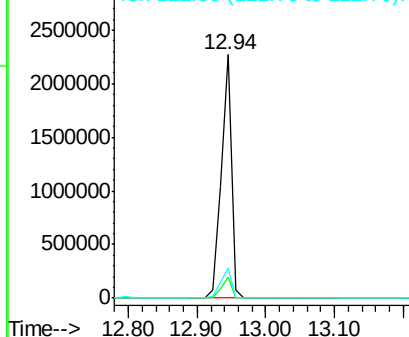


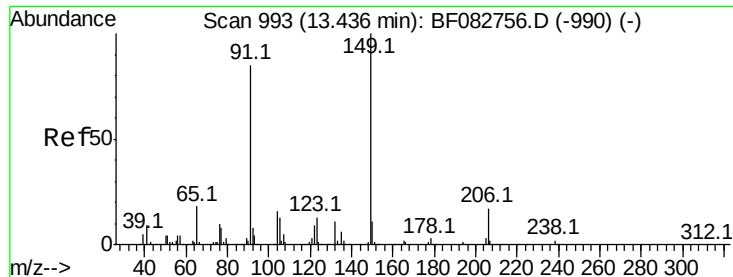
Abundance

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





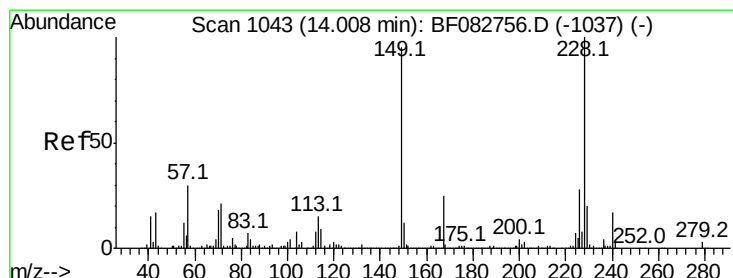
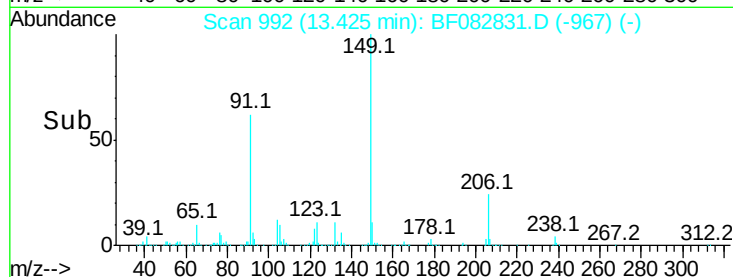
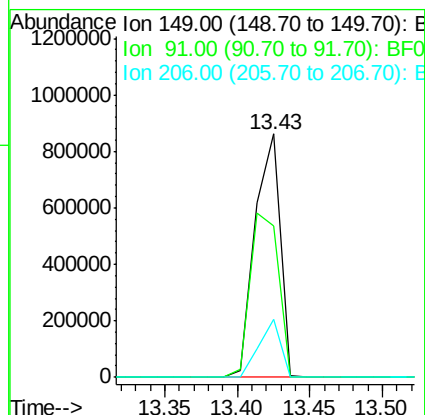
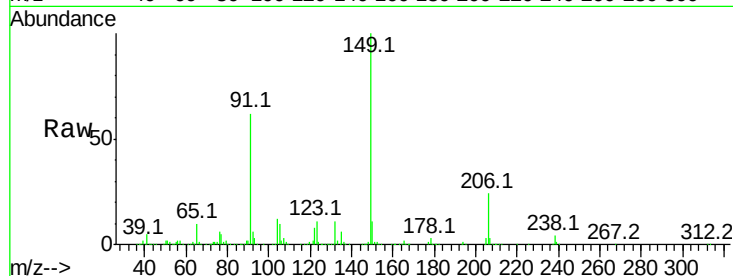
#79
Butylbenzylphthalate
Concen: 47.64 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1034107
Ion Ratio Lower Upper
149 100
91 62.0 67.7 101.5#
206 23.9 14.6 22.0#

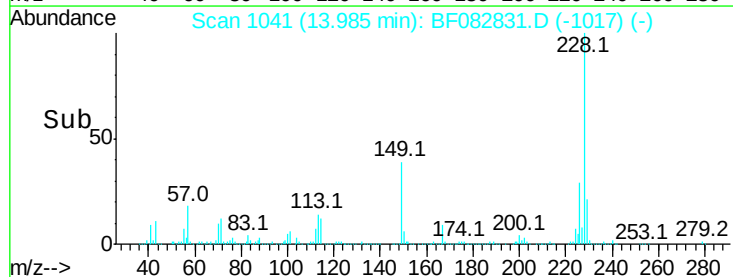
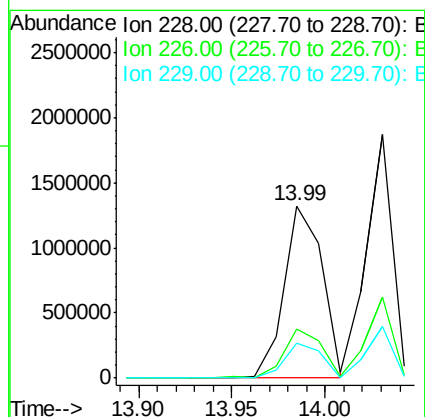
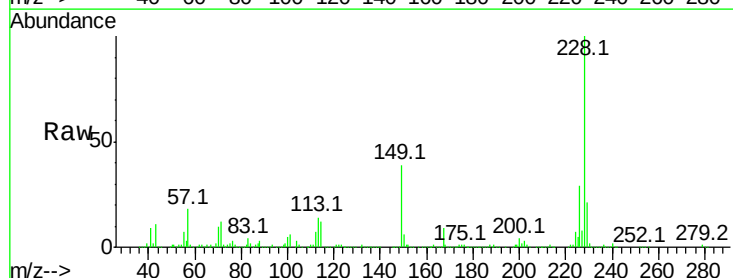
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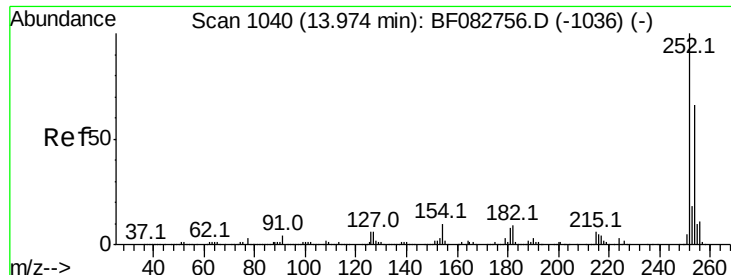
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 41.72 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion:228 Resp: 1866430
Ion Ratio Lower Upper
228 100
226 28.6 23.4 35.2
229 20.6 16.3 24.5





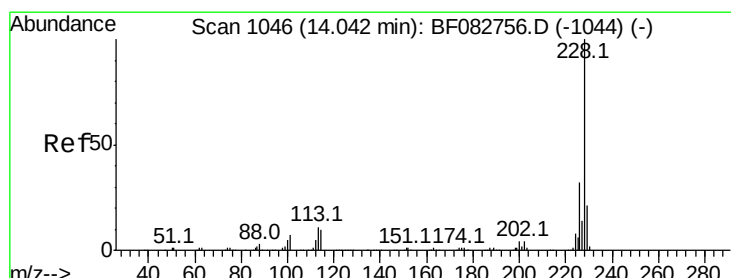
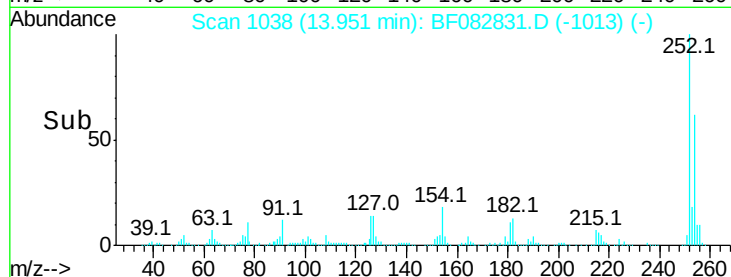
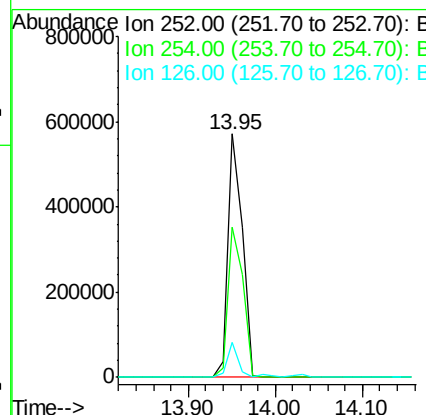
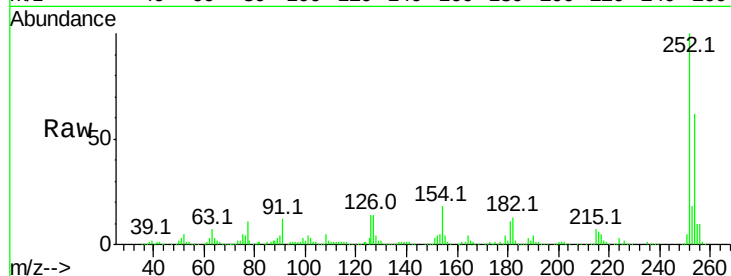
#81
 3,3'-Dichlorobenzidine
 Concen: 41.92 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	666761		
254	61.5	51.4	77.0	
126	14.3	10.7	16.1	

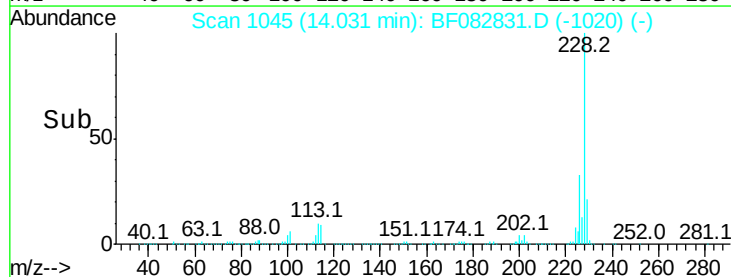
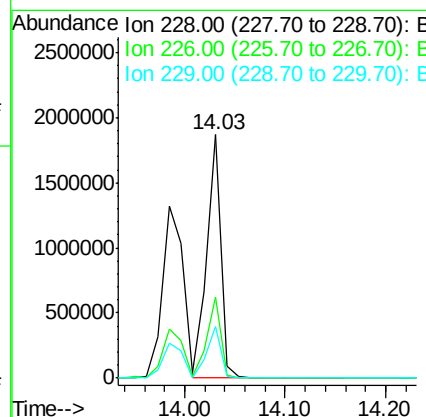
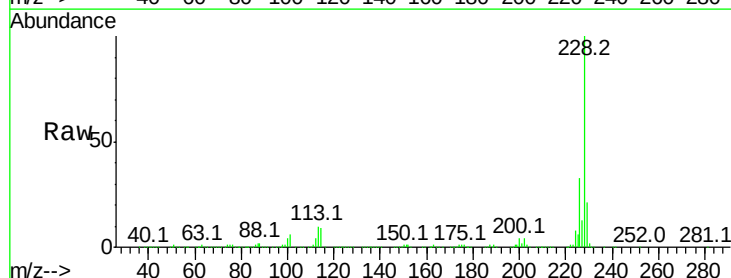
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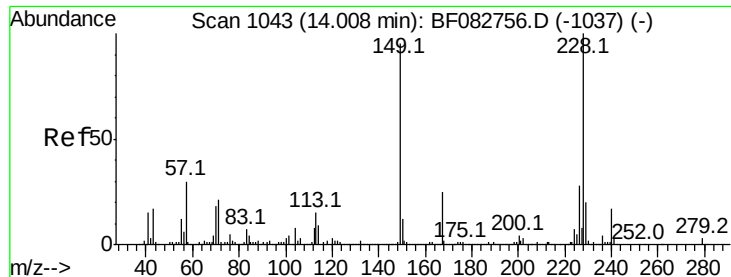
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#82
 Chrysene
 Concen: 44.23 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1812293		
226	33.3	25.5	38.3	
229	21.3	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.11 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1340133

Ion Ratio Lower Upper

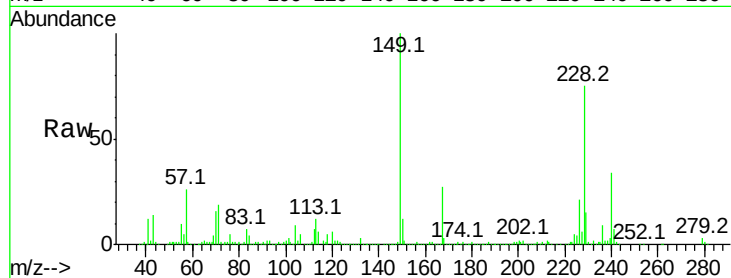
149 100

167 27.2 21.2 31.8

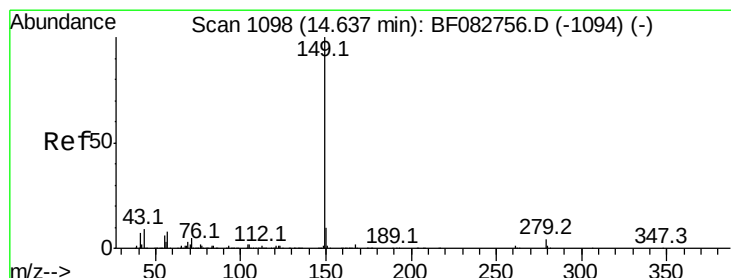
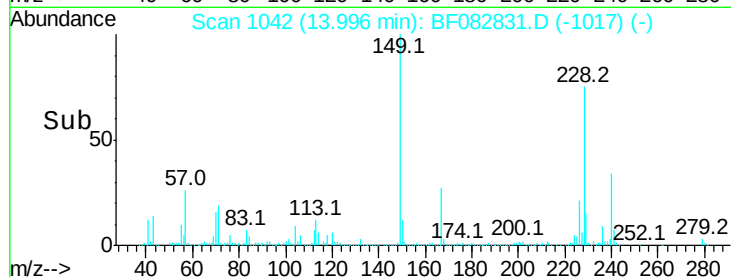
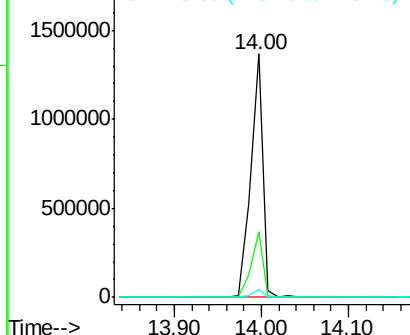
279 3.4 2.2 3.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.44 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

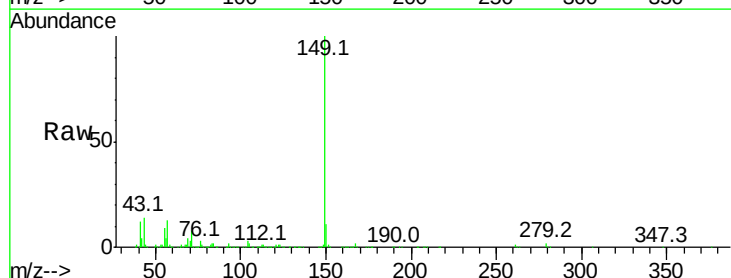
Tgt Ion:149 Resp: 2202189

Ion Ratio Lower Upper

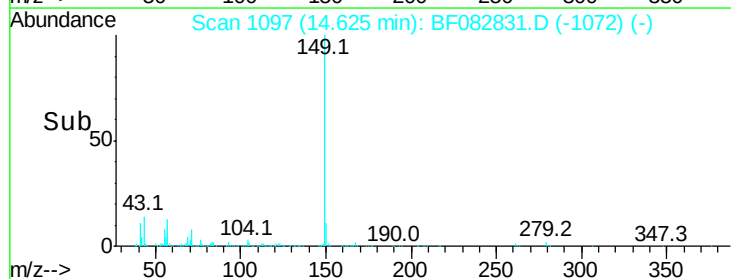
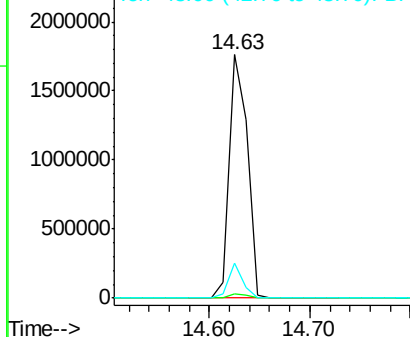
149 100

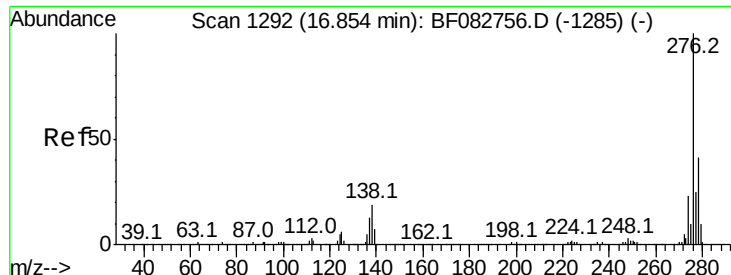
167 1.6 1.3 1.9

43 11.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





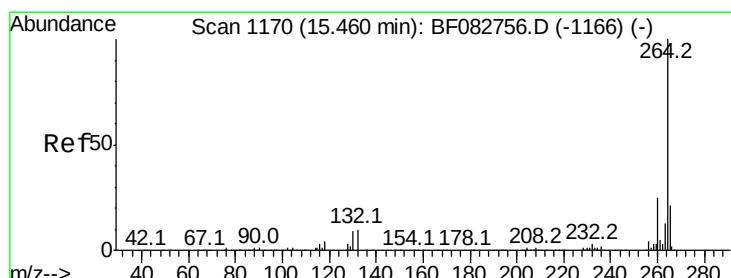
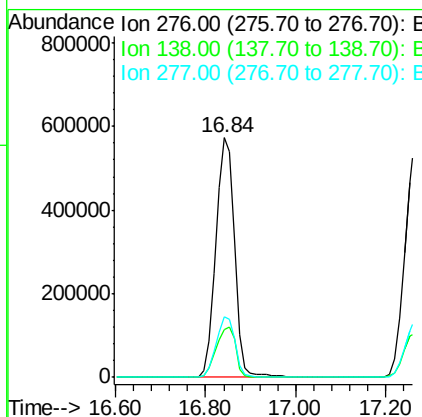
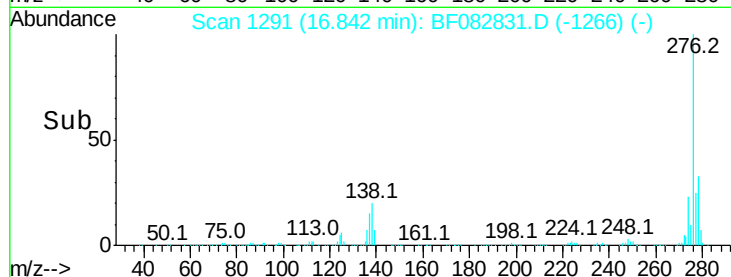
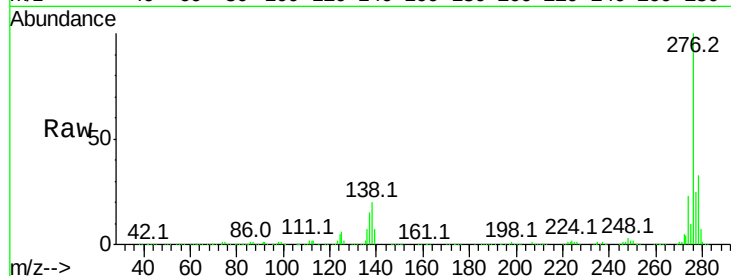
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.28 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.3	22.9
277	25.4	20.2	30.4

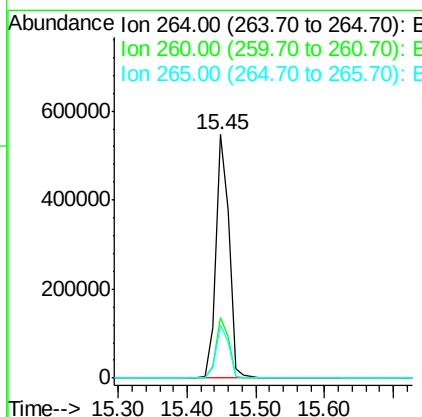
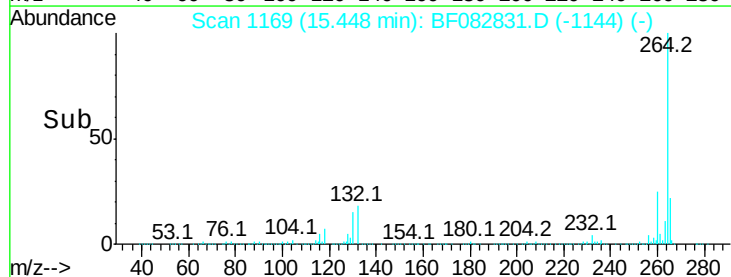
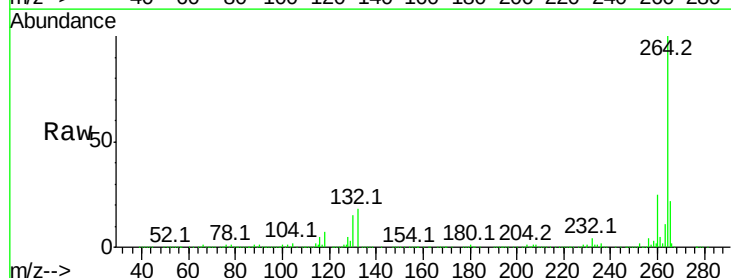
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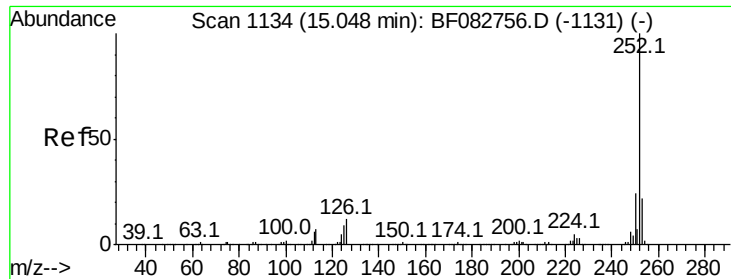
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 36.70 ng

RT: 15.05 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1746409

Ion Ratio Lower Upper

252 100

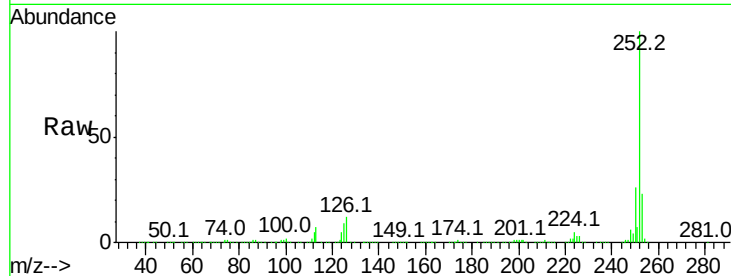
253 23.0 17.8 26.8

125 9.1 5.4 8.2#

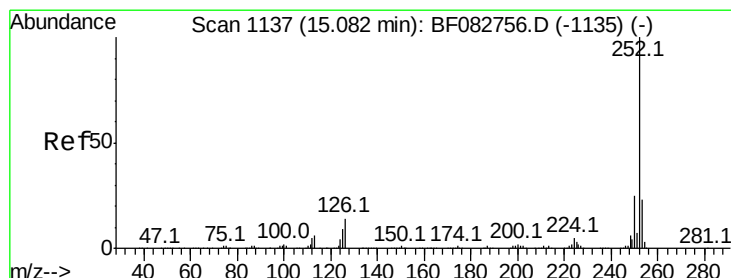
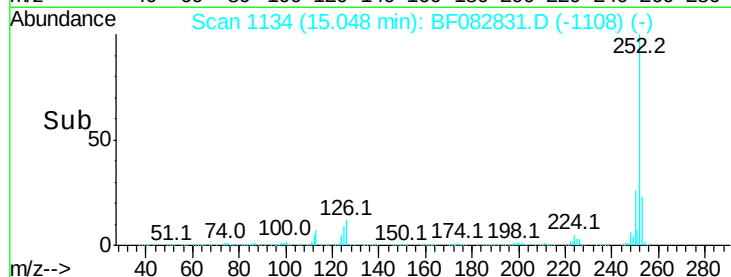
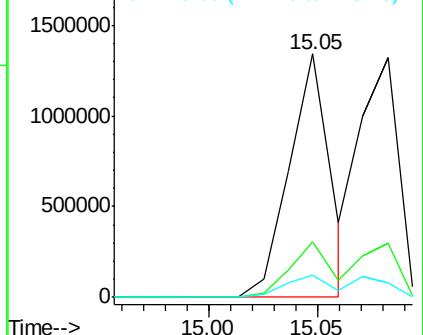
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.37 ng m

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF082831.D

Acq: 9 Nov 2015 15:02

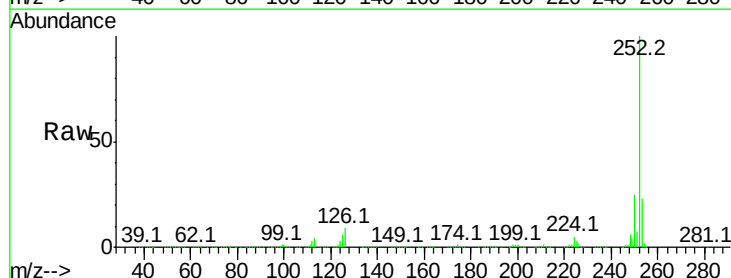
Tgt Ion:252 Resp: 1661930

Ion Ratio Lower Upper

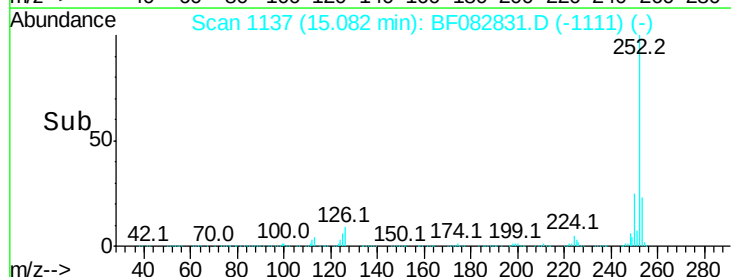
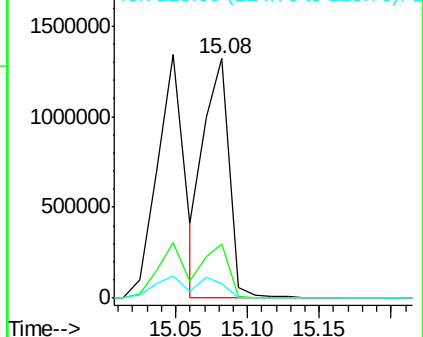
252 100

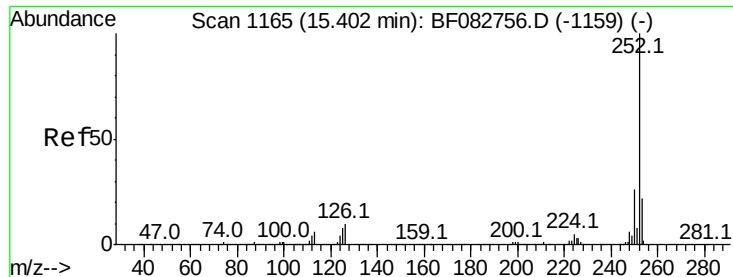
253 22.7 17.9 26.9

125 6.2 3.5 5.3#



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





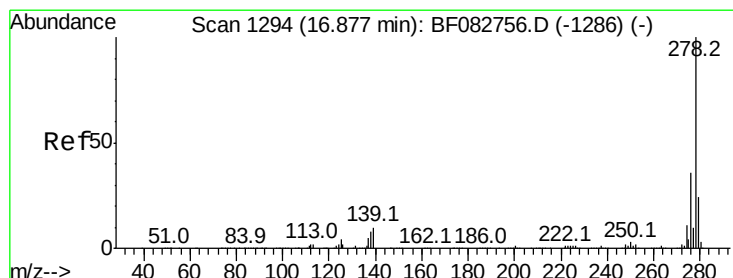
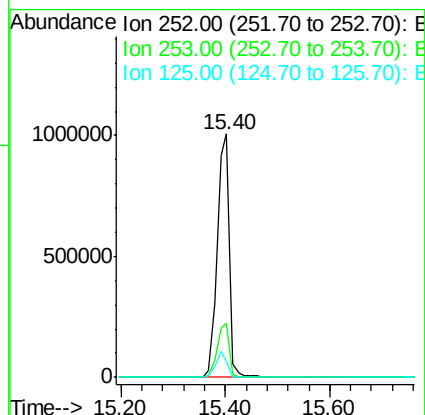
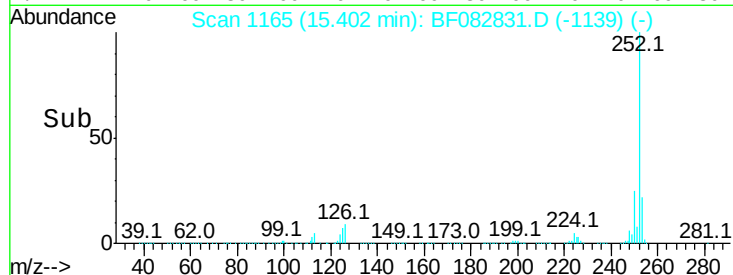
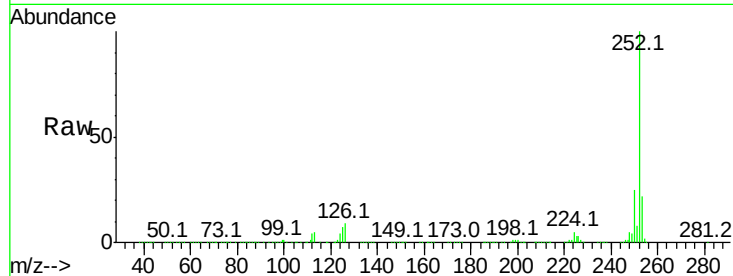
#89
Benzo(a)pyrene
Concen: 39.36 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1622740
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 6.6 7.1 10.7#

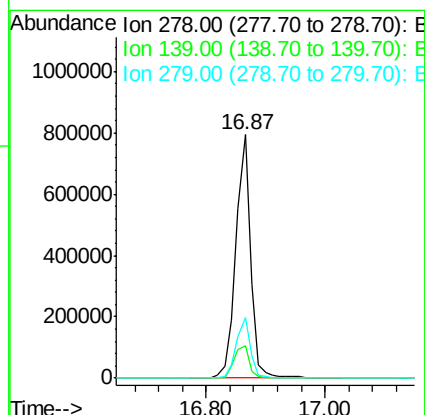
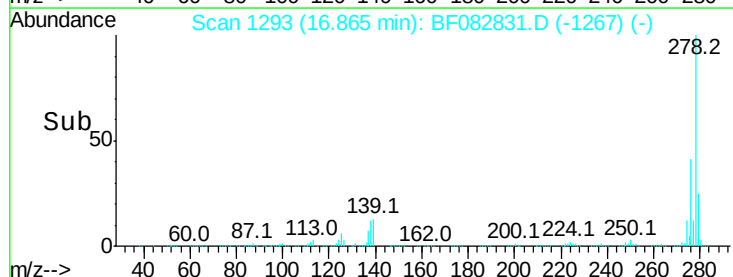
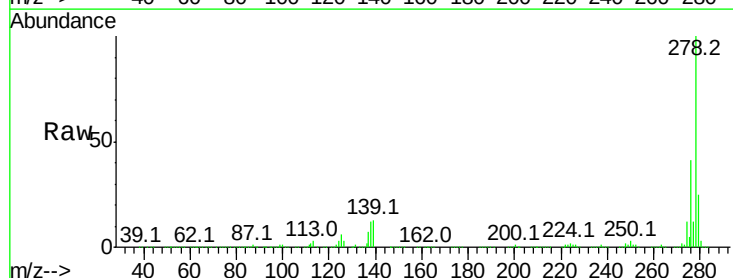
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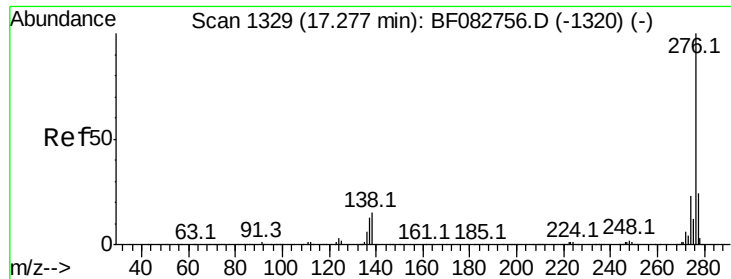
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#90
Dibenzo(a,h)anthracene
Concen: 39.31 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF082831.D
Acq: 9 Nov 2015 15:02

Tgt Ion:278 Resp: 1372224
Ion Ratio Lower Upper
278 100
139 13.5 9.9 14.9
279 24.7 19.6 29.4





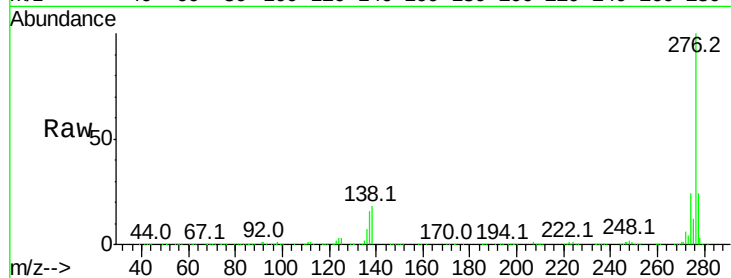
#91
 Benzo(a,h,i)perylene
 Concen: 39.21 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF082831.D
 Acq: 9 Nov 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	1311280
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.2	28.8
138	17.9	13.1	19.7

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

