

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083039.D
 Acq On : 19 Nov 2015 6:12
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:45:24 PM

Quant Time: Nov 19 07:01:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	227439	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	827265	20.00	ng	0.01
38) Acenaphthene-d10	9.78	164	376510	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	609649	20.00	ng	0.00
75) Chrysene-d12	13.89	240	491560	20.00	ng	0.00
86) Perylene-d12	15.28	264	390033	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1009729	69.08	ng	0.00
7) Phenol-d6	6.41	99	1455716	74.91	ng	0.01
23) Nitrobenzene-d5	7.31	82	1308474	68.82	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	231853	53.71	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2055102	78.23	ng	0.00
78) Terphenyl-d14	12.84	244	1398752	67.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	236781	37.54	ng	96
3) Pyridine	2.90	79	734478	40.13	ng	99
4) n-Nitrosodimethylamine	2.88	42	365605	40.28	ng	85
6) Aniline	6.41	93	1013479	37.14	ng	# 73
8) 2-Chlorophenol	6.53	128	632177	39.01	ng	95
9) Benzaldehyde	6.28	77	388711	36.21	ng	85
10) Phenol	6.42	94	944093	42.82	ng	83
11) bis(2-Chloroethyl)ether	6.49	93	623383	37.81	ng	# 81
12) 1,3-Dichlorobenzene	6.68	146	720229m	39.41	ng	
13) 1,4-Dichlorobenzene	6.76	146	688901m	36.23	ng	
14) 1,2-Dichlorobenzene	6.91	146	557974	32.27	ng	94
15) Benzyl Alcohol	6.90	79	622773	36.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	876940	36.26	ng	# 26
17) 2-Methylphenol	7.02	107	514492	37.49	ng	# 93
18) Hexachloroethane	7.25	117	190380	27.99	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	461687	32.32	ng	89
20) 3+4-Methylphenols	7.17	107	563442	31.58	ng	# 64
22) Acetophenone	7.16	105	913525	38.54	ng	# 98
24) Nitrobenzene	7.33	77	776501	39.94	ng	93
25) Isophorone	7.57	82	1314631	37.37	ng	99
26) 2-Nitrophenol	7.64	139	171729	21.16	ng	# 80
27) 2,4-Dimethylphenol	7.70	122	455389	31.23	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	820326	41.34	ng	98
29) 2,4-Dichlorophenol	7.89	162	448668	34.04	ng	85
30) 1,2,4-Trichlorobenzene	7.97	180	532072	35.90	ng	98
31) Naphthalene	8.05	128	1715250	37.58	ng	100
32) Benzoic acid	7.84	122	182503	18.28	ng	89
33) 4-Chloroaniline	8.11	127	705778	35.88	ng	# 79
34) Hexachlorobutadiene	8.18	225	344178	37.11	ng	98
35) Caprolactam	8.50	113	136011	32.74	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	512412	33.06	ng	90
37) 2-Methylnaphthalene	8.74	142	942313	31.91	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	510436	41.25	ng	97
40) Hexachlorocyclopentadiene	8.90	237	28205	4.24	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	305530	33.08	ng	99
43) 2,4,5-Trichlorophenol	9.07	196	321089	35.15	ng	92
45) 1,1'-Biphenyl	9.21	154	1194161	36.96	ng	97
46) 2-Chloronaphthalene	9.23	162	975096	38.69	ng	97
47) 2-Nitroaniline	9.32	65	377864	40.42	ng	91
48) Acenaphthylene	9.64	152	1482204	37.53	ng	100
49) Dimethylphthalate	9.52	163	1231918	39.94	ng	99
50) 2,6-Dinitrotoluene	9.57	165	224610	34.12	ng	90
51) Acenaphthene	9.81	154	797027	31.84	ng	99
52) 3-Nitroaniline	9.74	138	345258	47.69	ng	# 81
54) Dibenzofuran	9.98	168	1239933	36.74	ng	93
55) 4-Nitrophenol	9.92	139	144659	26.05	ng	87
56) 2,4-Dinitrotoluene	9.97	165	253988	28.44	ng	95
57) Fluorene	10.33	166	1019497	37.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	249107	33.41	ng	# 90
59) Diethylphthalate	10.21	149	1233650	40.96	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	476196	34.82	ng	# 86
61) 4-Nitroaniline	10.35	138	300605	41.29	ng	# 85
62) Azobenzene	10.48	77	1135970	35.11	ng	89
64) 4,6-Dinitro-2-methylphenol	10.38	198	16877	3.89	ng	98
65) n-Nitrosodiphenylamine	10.44	169	860776	39.08	ng	98
66) 4-Bromophenyl-phenylether	10.81	248	276693	37.69	ng	# 78
67) Hexachlorobenzene	10.88	284	289999	35.38	ng	# 82
68) Atrazine	10.97	200	116770	17.15	ng	98
69) Pentachlorophenol	11.07	266	146166	29.37	ng	99
70) Phenanthrene	11.29	178	1430679	40.41	ng	98
71) Anthracene	11.33	178	1250802	33.54	ng	99
72) Carbazole	11.49	167	1271208	38.94	ng	98
73) Di-n-butylphthalate	11.84	149	1751592	43.06	ng	# 97
74) Fluoranthene	12.46	202	1168159	30.75	ng	99
76) Benzidine	12.59	184	720184	43.72	ng	99
77) Pyrene	12.69	202	1235149	36.59	ng	99
79) Butylbenzylphthalate	13.32	149	644192	43.20	ng	91
80) Benzo(a)anthracene	13.88	228	1143762	37.21	ng	97
81) 3,3'-Dichlorobenzidine	13.85	252	439655	40.23	ng	# 96
82) Chrysene	13.92	228	989225m	35.14	ng	
83) Bis(2-ethylhexyl)phthalate	13.88	149	785723	38.49	ng	# 97
84) Di-n-octyl phthalate	14.50	149	1400914	41.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	849467	35.03	ng	99
87) Benzo(b)fluoranthene	14.90	252	1092202m	43.63	ng	
88) Benzo(k)fluoranthene	14.92	252	706310m	31.80	ng	
89) Benzo(a)pyrene	15.23	252	868171	40.03	ng	# 98
90) Dibenzo(a,h)anthracene	16.63	278	715029	38.93	ng	98
91) Benzo(g,h,i)perylene	17.00	276	653336	37.14	ng	99

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

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Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial   : 2    Sample Multiplier: 1

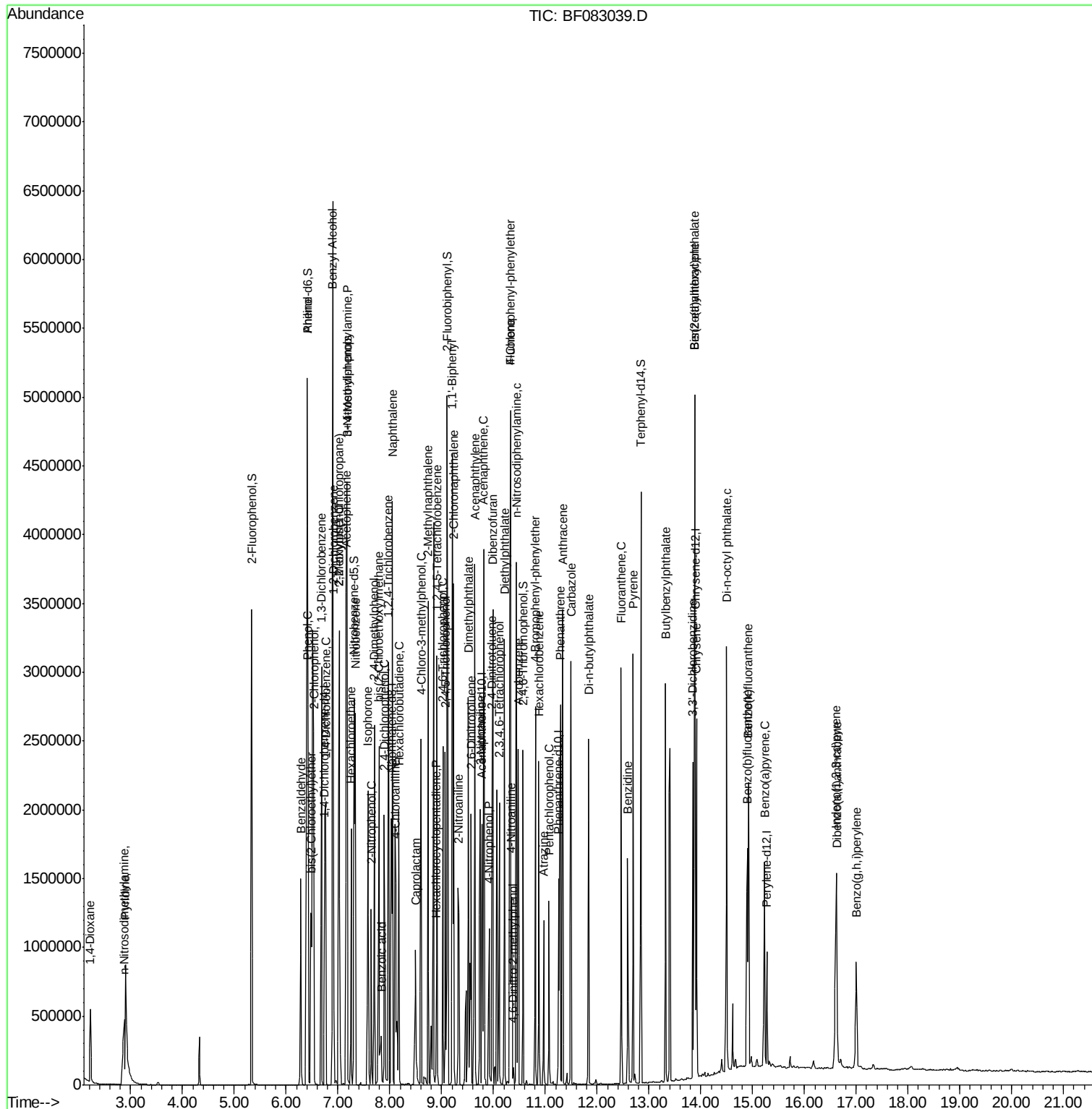
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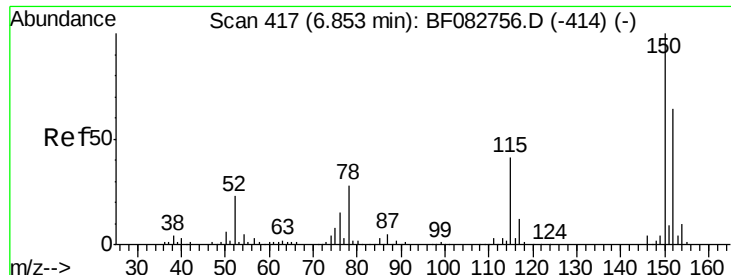
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083039.D

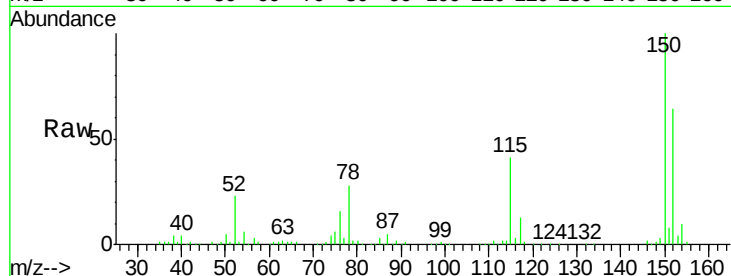
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 152 Resp: 227439

Ion Ratio Lower Upper

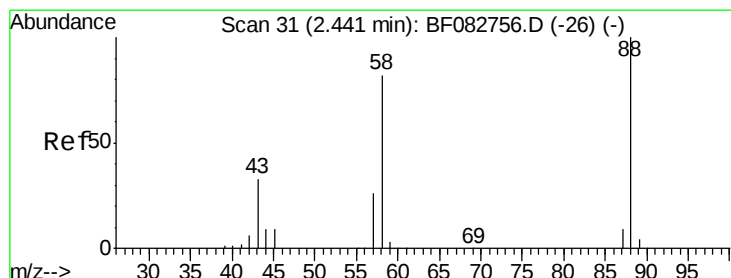
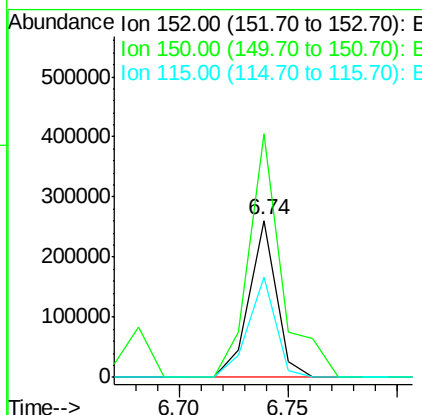
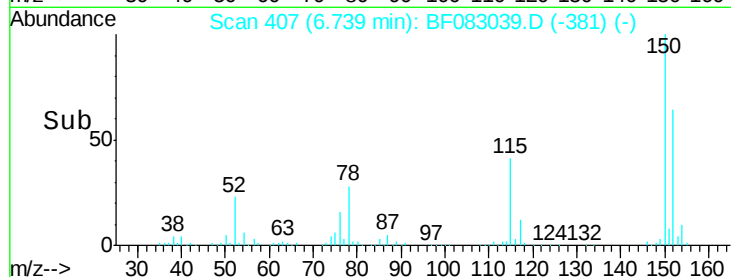
152 100

150 155.5 127.0 190.4

115 63.9 47.0 70.6

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#2

1,4-Dioxane

Concen: 37.54 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

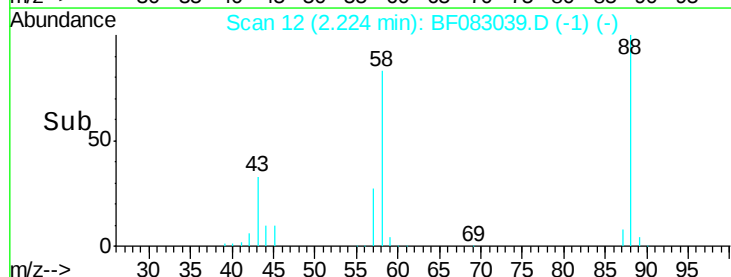
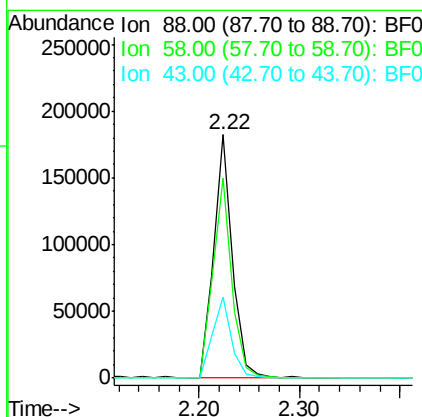
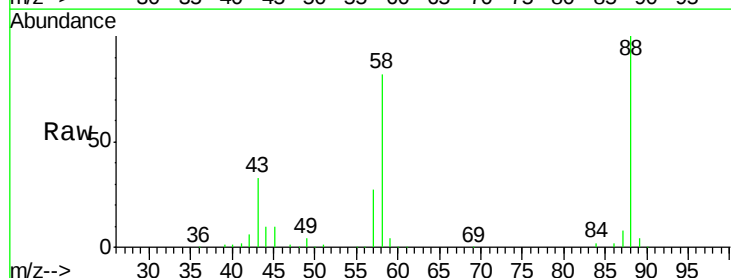
Tgt Ion: 88 Resp: 236781

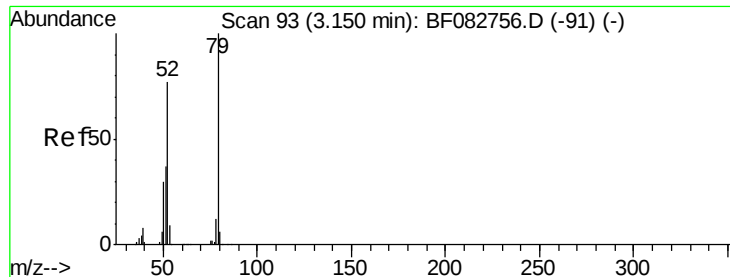
Ion Ratio Lower Upper

88 100

58 81.7 62.0 93.0

43 34.0 26.6 40.0





#3

Pyridine

Concen: 40.13 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF083039.D

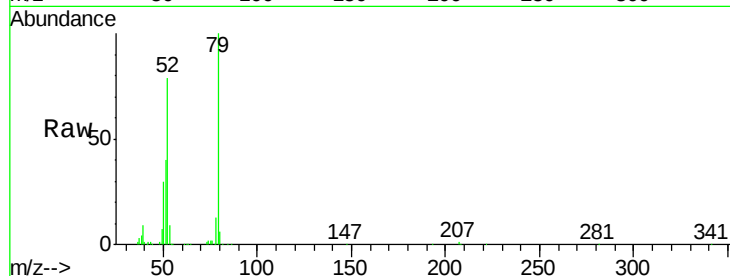
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

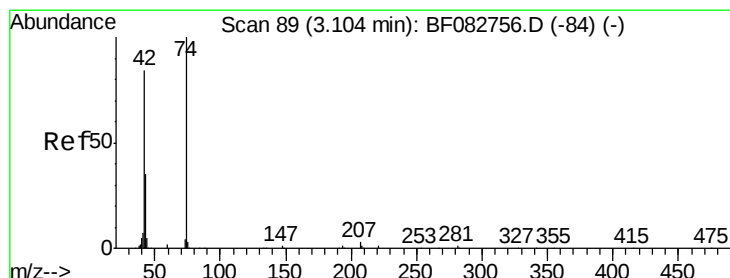
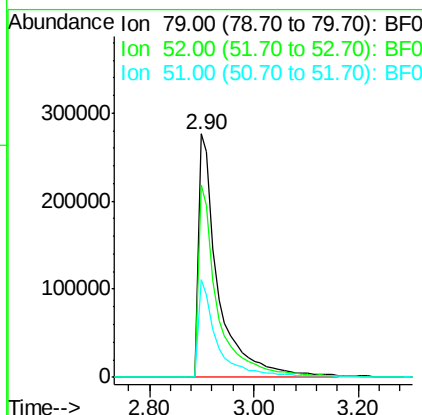
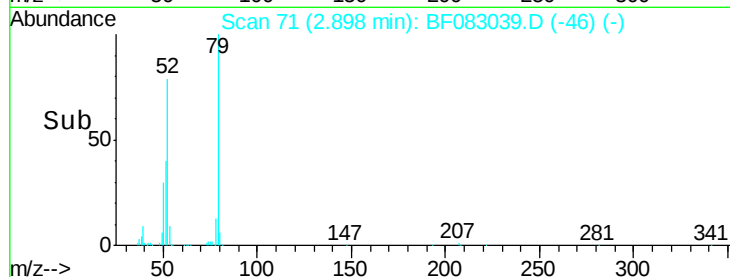
SSTDCCC040EC



Tgt Ion:	79	Resp:	734478
Ion	Ratio	Lower	Upper
79	100		
52	79.0	62.8	94.2
51	40.3	32.0	48.0

Manual Integrations
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#4

n-Nitrosodimethylamine

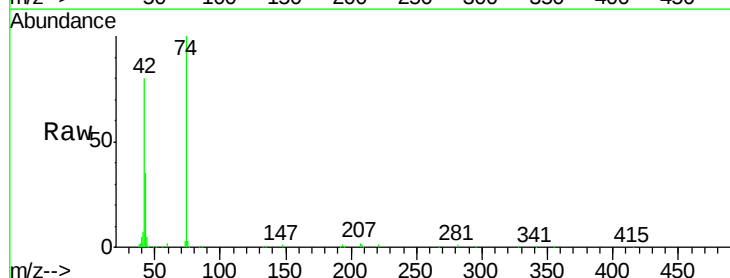
Concen: 40.28 ng

RT: 2.88 min Scan# 69

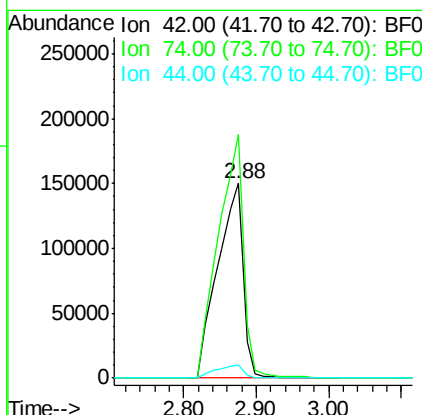
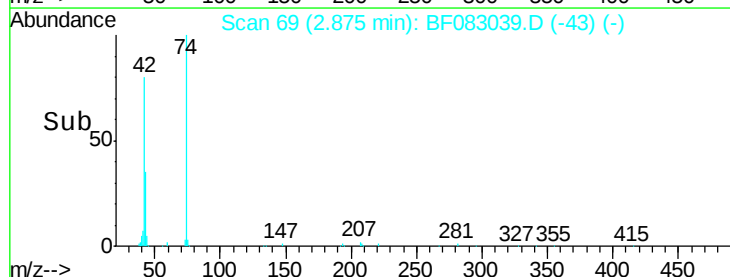
Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12



Tgt Ion:	42	Resp:	365605
Ion	Ratio	Lower	Upper
42	100		
74	125.1	87.0	130.4
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 69.08 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF083039.D

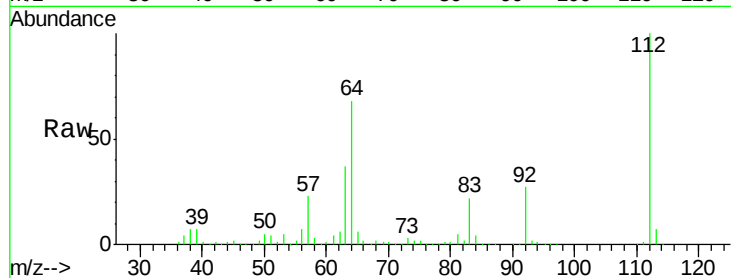
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 112 Resp: 1009729

Ion Ratio Lower Upper

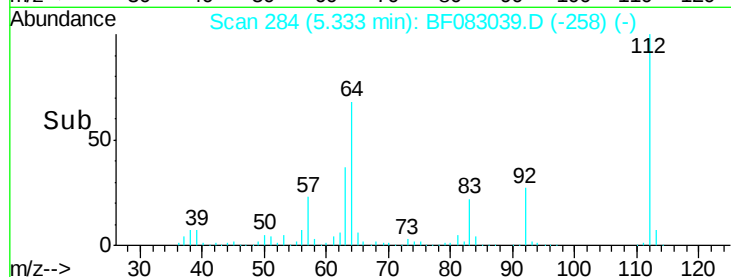
112 100

64 68.1 48.9 73.3

63 36.7 28.1 42.1

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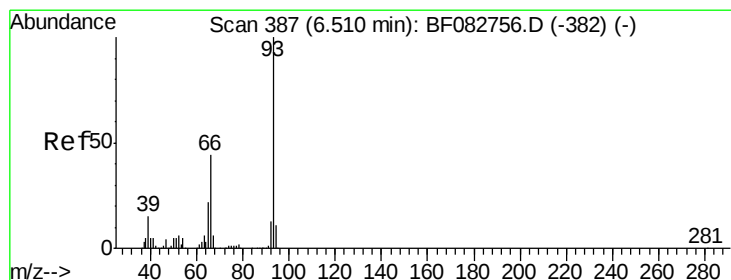
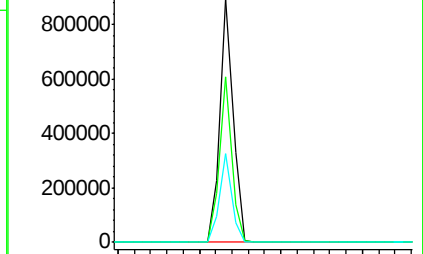
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.14 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

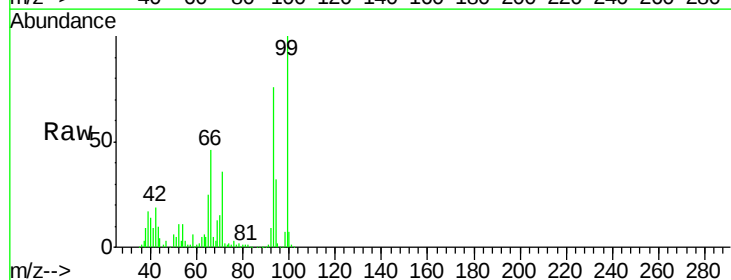
Tgt Ion: 93 Resp: 1013479

Ion Ratio Lower Upper

93 100

66 60.6 33.6 50.4#

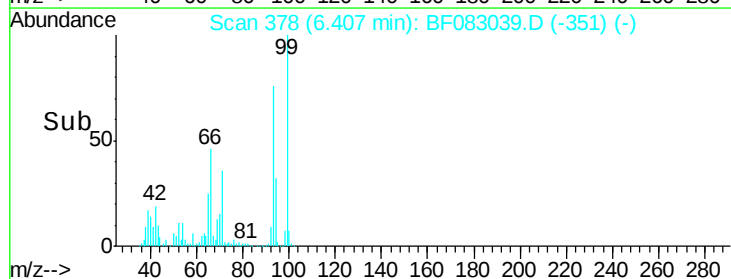
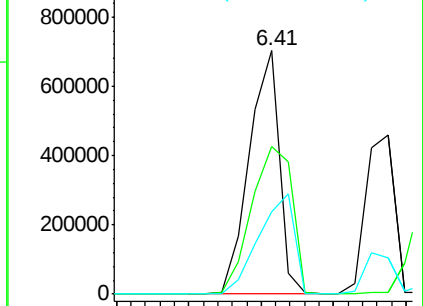
65 33.6 18.1 27.1#



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: 74.91 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

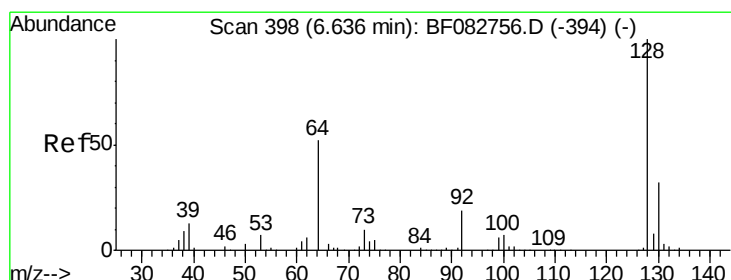
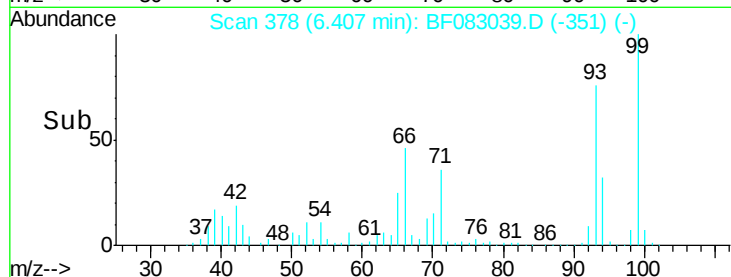
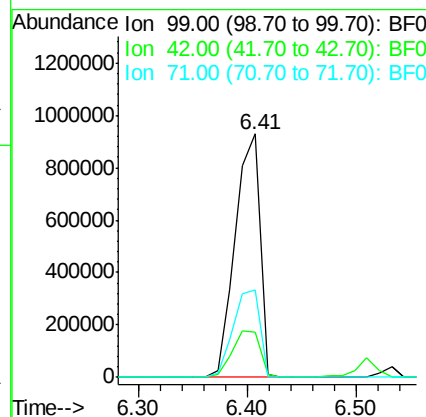
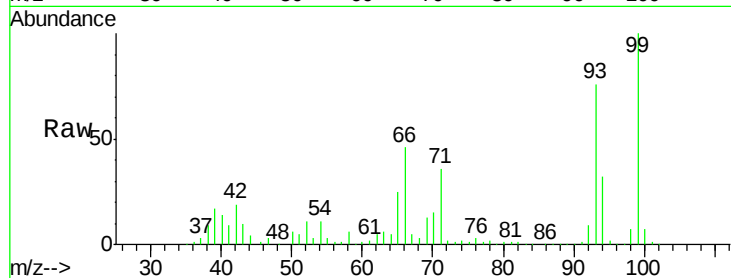
SSTDCCC040EC

Tgt Ion: 99 Resp: 1455716

Ion	Ratio	Lower	Upper
99	100		
42	18.8	19.2	28.8#
71	35.9	35.0	52.4

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#8

2-Chlorophenol

Concen: 39.01 ng

RT: 6.53 min Scan# 389

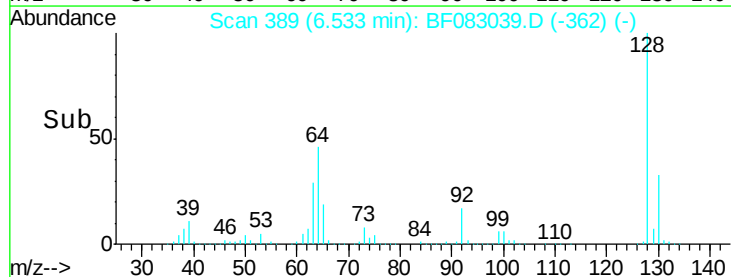
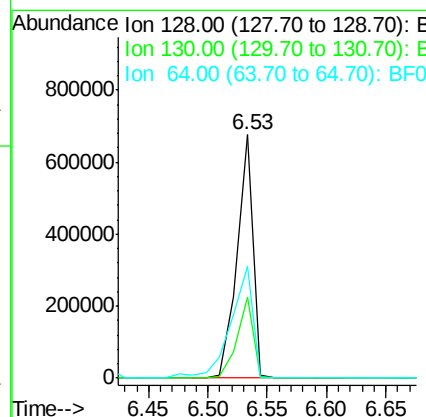
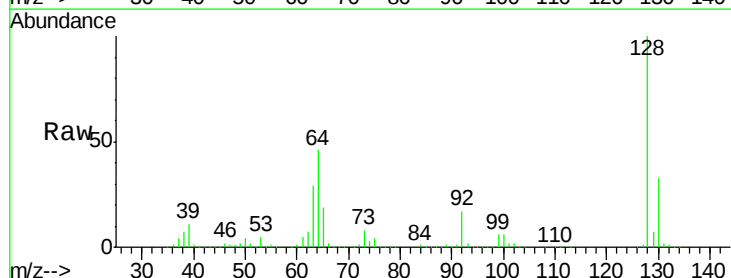
Delta R.T. 0.01 min

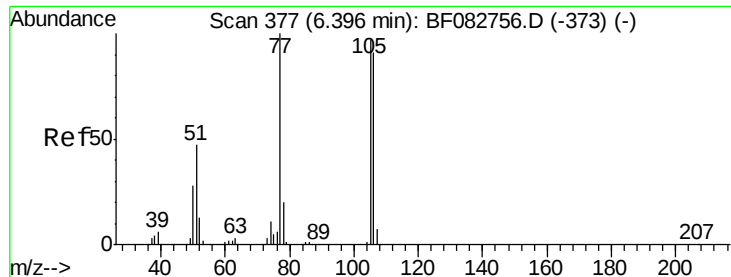
Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion: 128 Resp: 632177

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.5	53.5
64	46.0	21.1	61.1





#9

Benzaldehyde

Concen: 36.21 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF083039.D

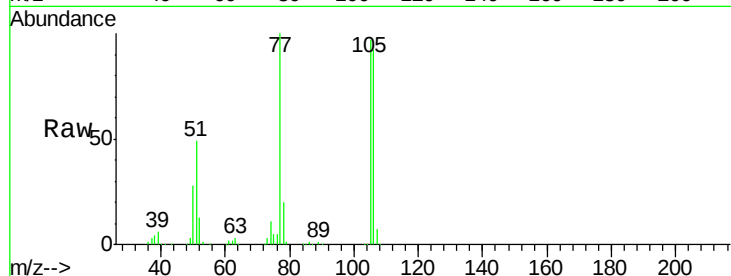
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

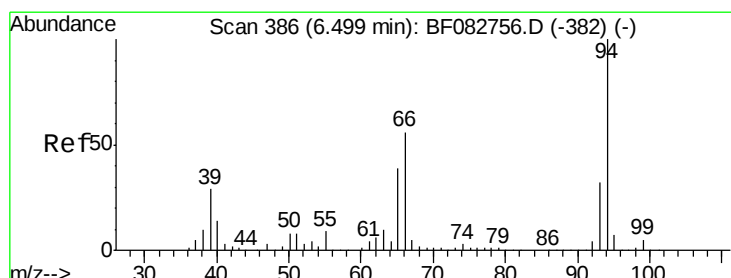
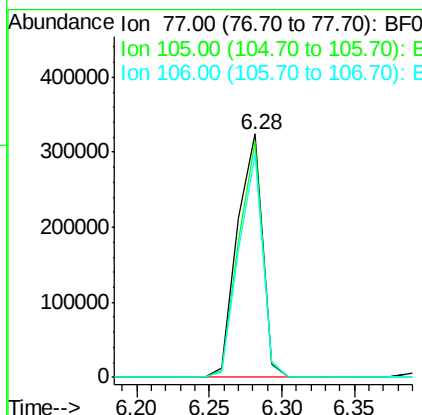
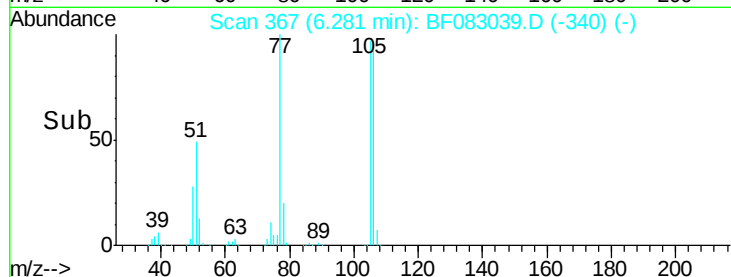
SSTDCCC040EC



Tgt Ion:	77	Resp:	388711
Ion Ratio	Lower	Upper	
77	100		
105	97.0	63.5	103.5
106	91.8	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 42.82 ng

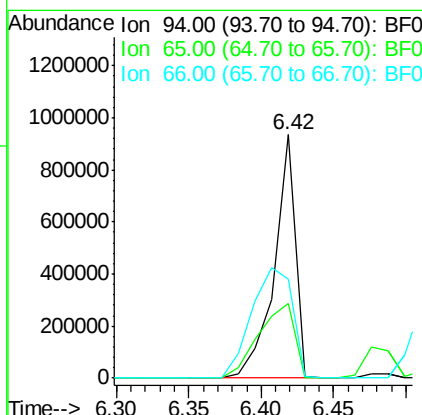
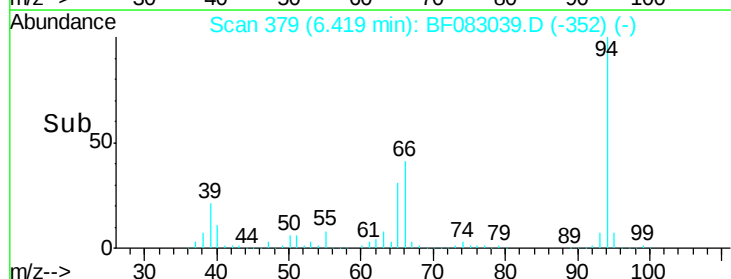
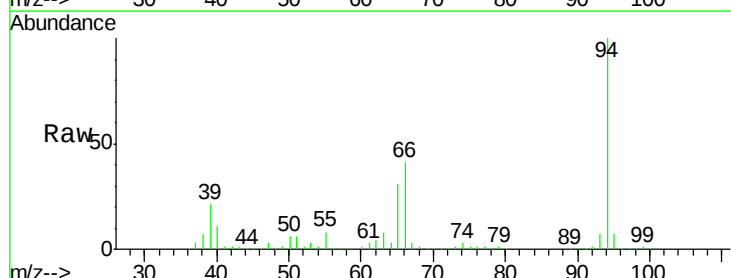
RT: 6.42 min Scan# 379

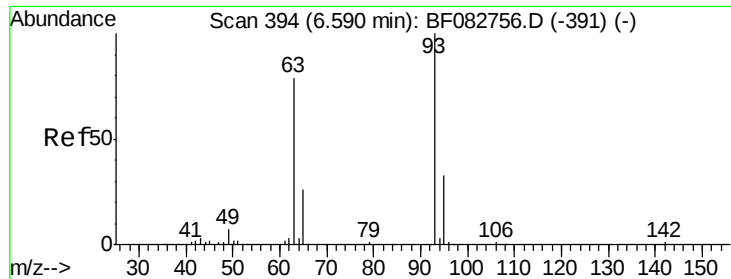
Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:	94	Resp:	944093
Ion Ratio	Lower	Upper	
94	100		
65	30.9	18.9	58.9
66	40.9	34.9	74.9





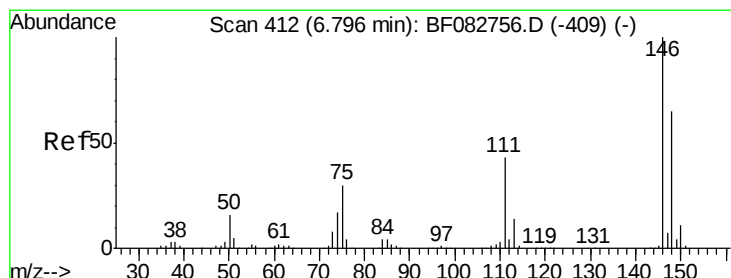
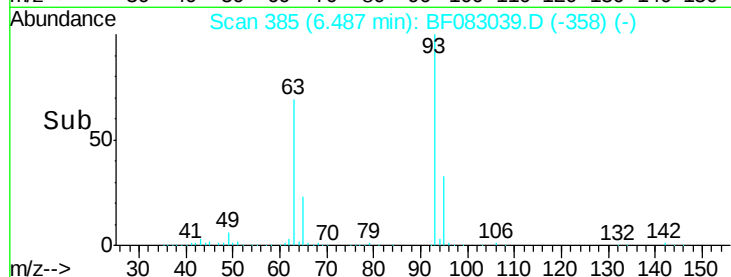
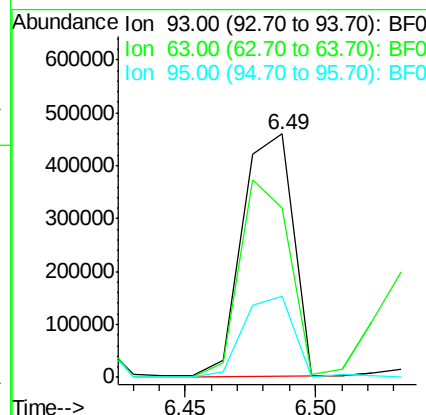
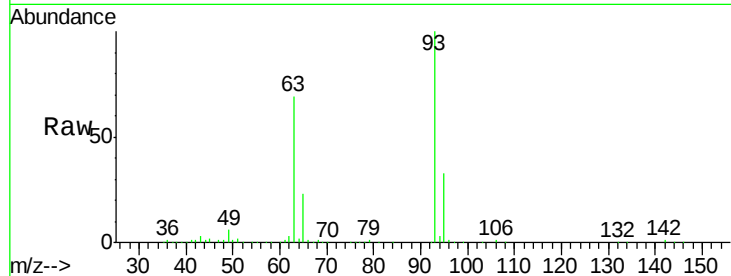
#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.4	72.7	112.7#
95	33.4	12.0	52.0

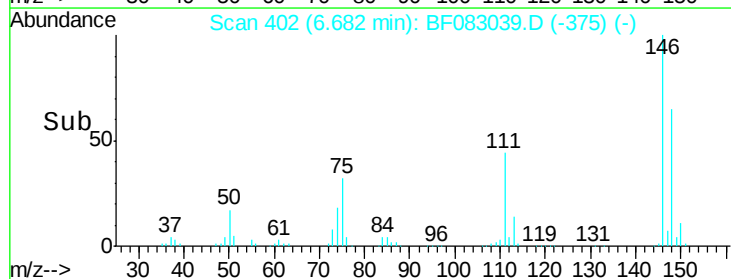
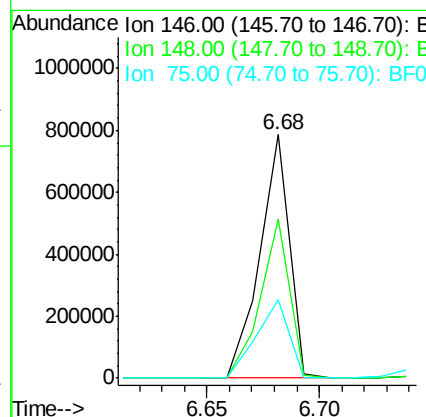
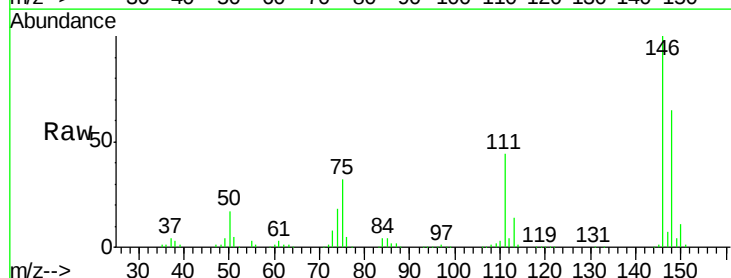
Manual Integrations
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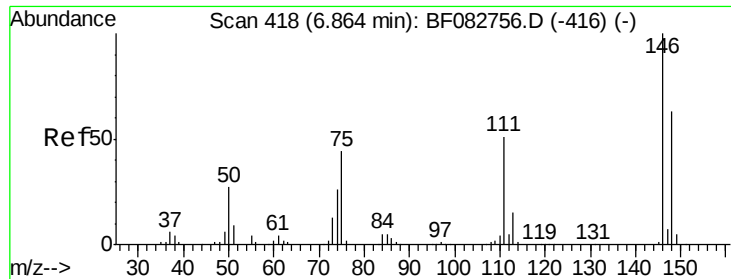
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#12
1,3-Dichlorobenzene
Concen: 39.41 ng m
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.5	75.7
75	32.0	39.5	59.3#





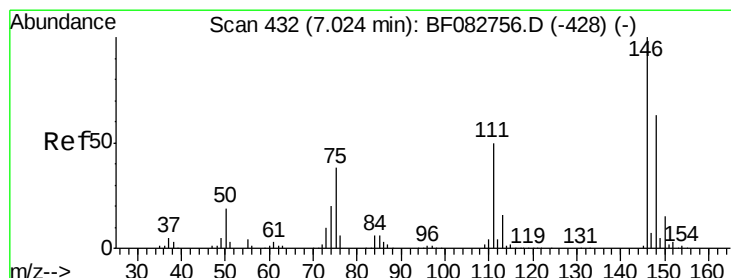
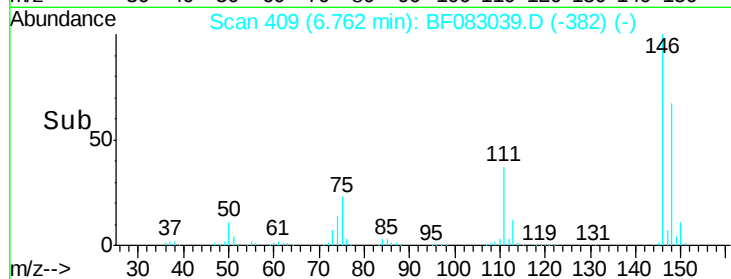
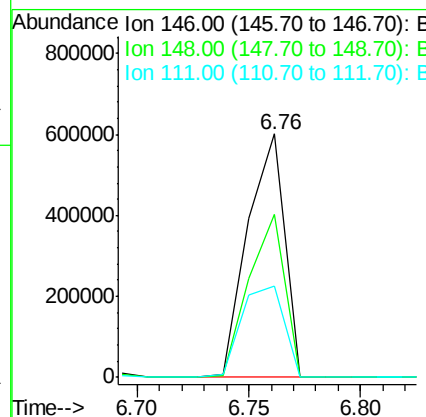
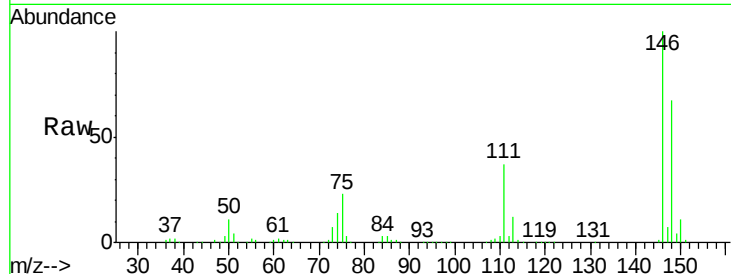
#13
 1,4-Dichlorobenzene
 Concen: 36.23 ng m
 RT: 6.76 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	688901		
148	66.8	50.8	76.2	
111	37.5	40.6	60.8	

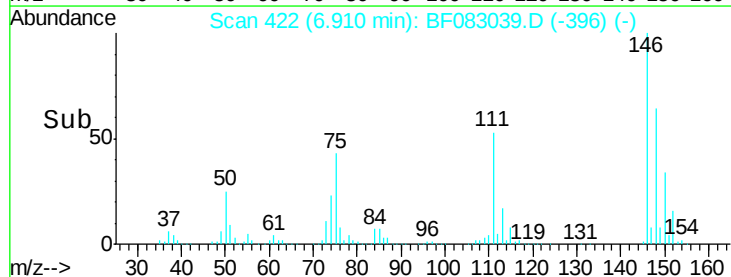
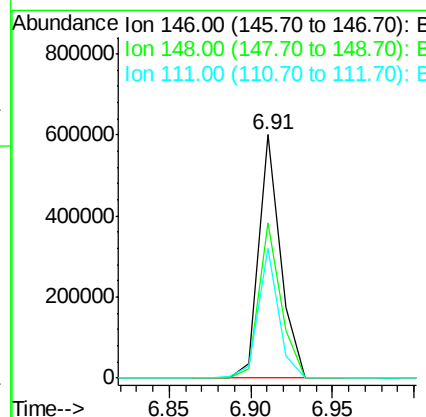
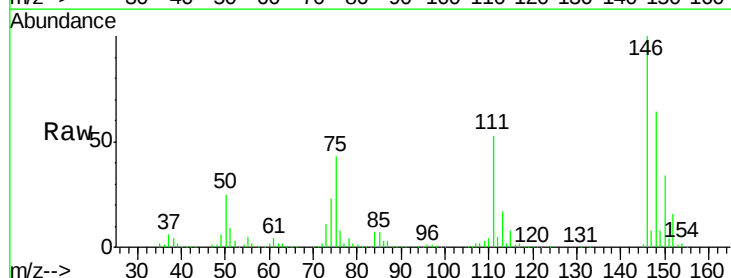
Manual Integrations
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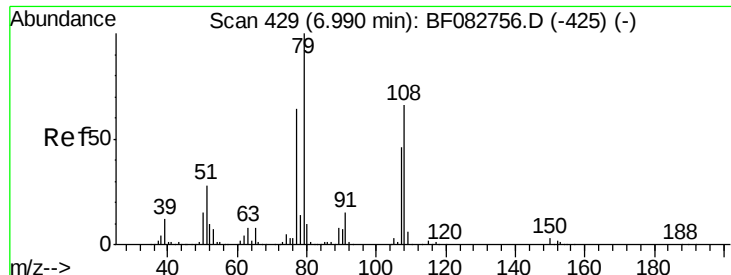
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#14
 1,2-Dichlorobenzene
 Concen: 32.27 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557974		
148	63.9	52.2	78.4	
111	53.3	36.6	55.0	





#15

Benzyl Alcohol

Concen: 36.49 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

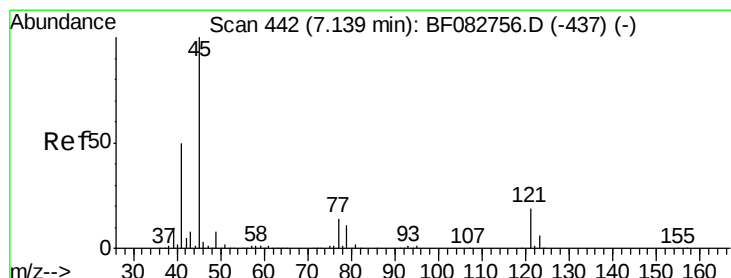
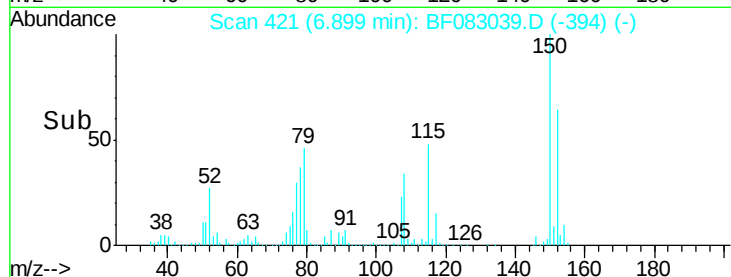
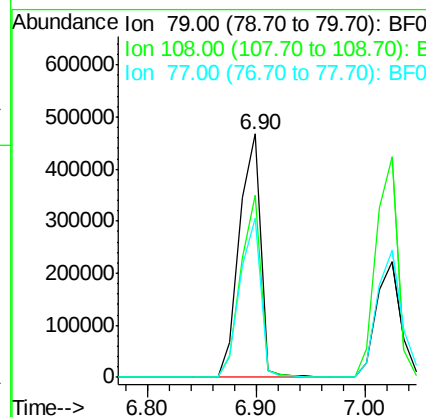
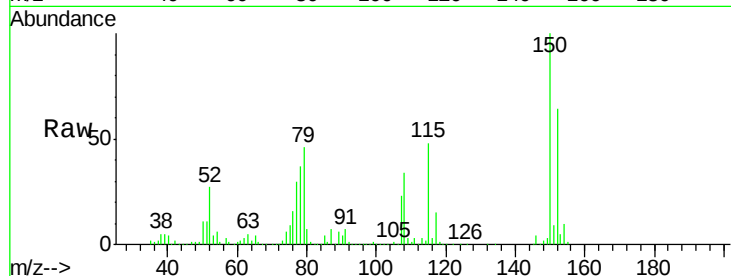
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	622773
Ion Ratio	Lower	Upper	
79	100		
108	74.8	52.2	78.4
77	65.5	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.26 ng

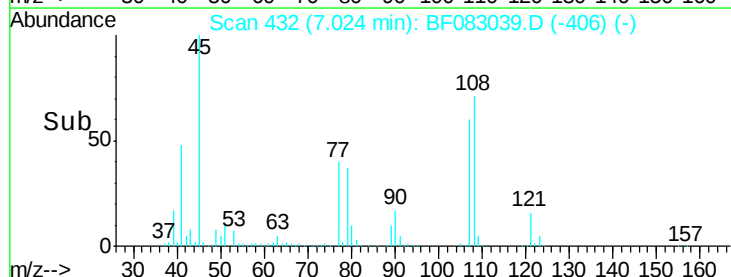
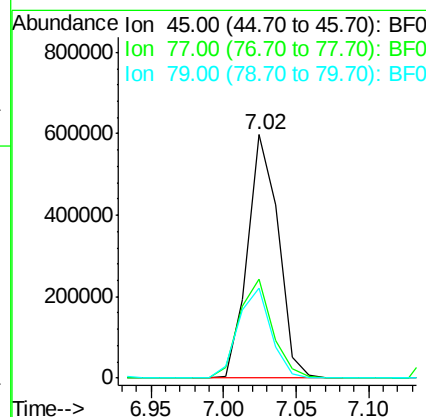
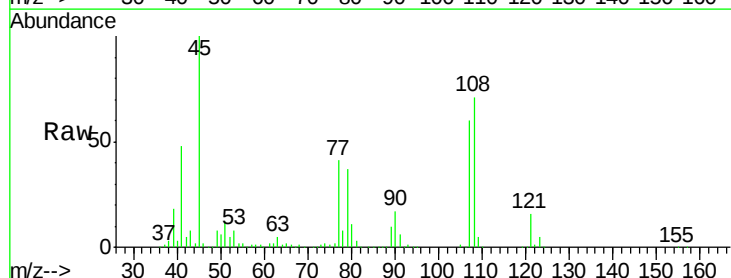
RT: 7.02 min Scan# 432

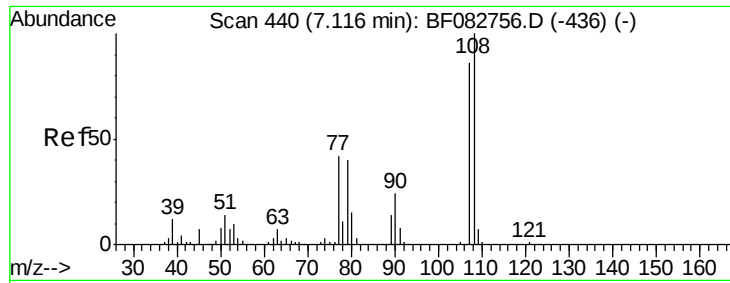
Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:	45	Resp:	876940
Ion Ratio	Lower	Upper	
45	100		
77	40.7	0.0	32.6#
79	37.2	0.0	29.2#





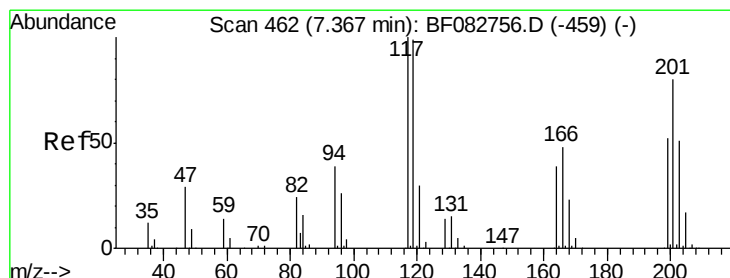
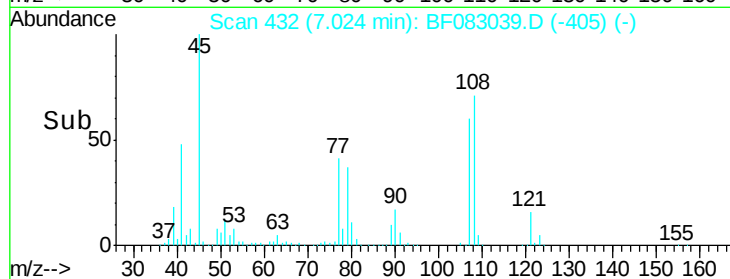
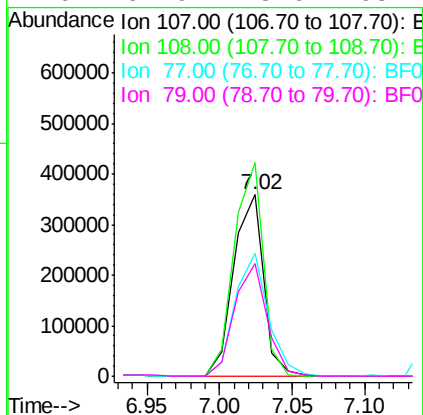
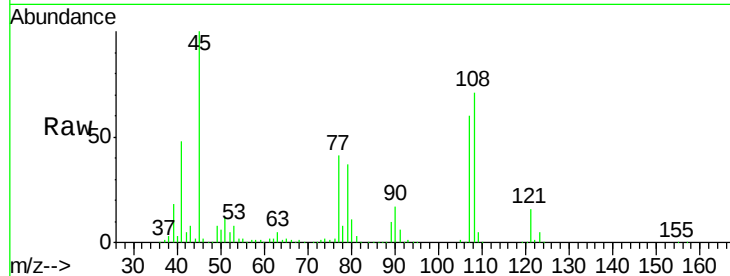
#17
2-Methylphenol
Concen: 37.49 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	514492
Ion Ratio	Lower	Upper	
107	100		
108	117.6	93.0	139.4
77	67.7	44.1	66.1#
79	61.9	43.6	65.4

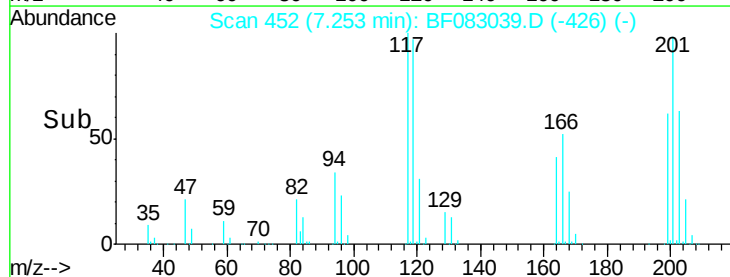
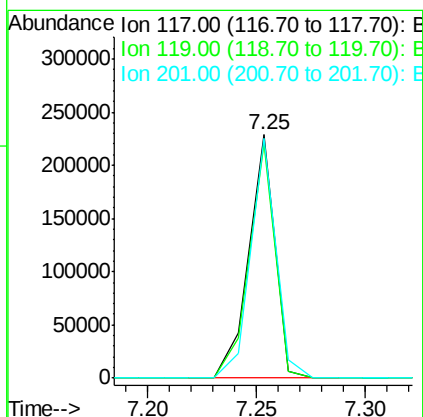
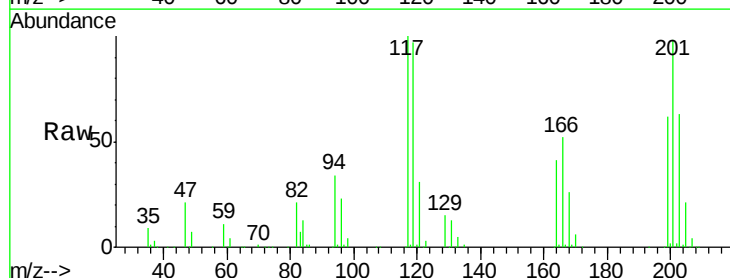
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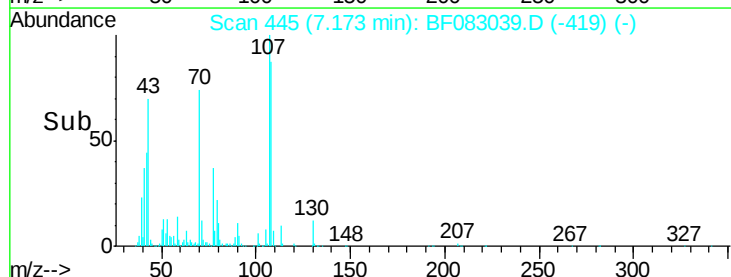
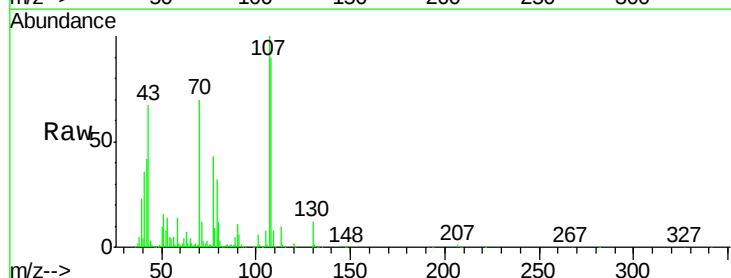
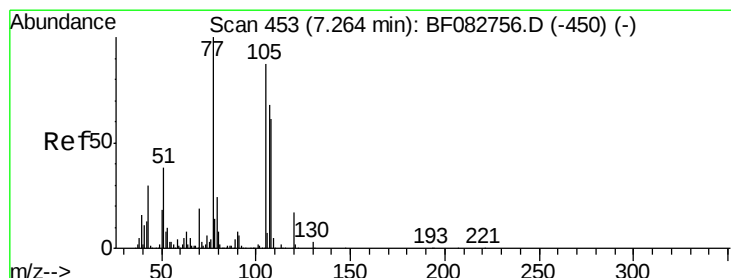
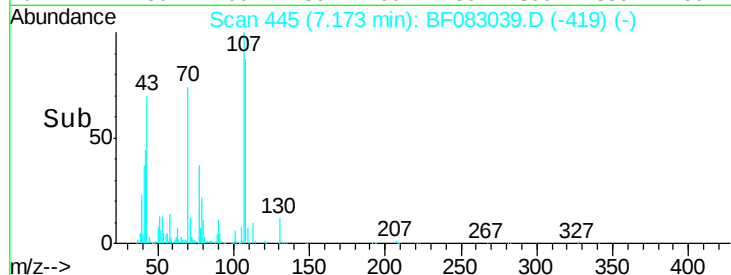
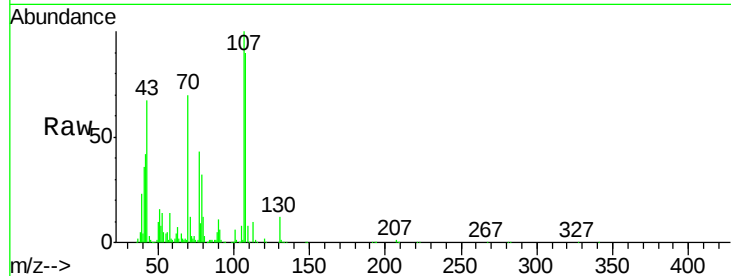
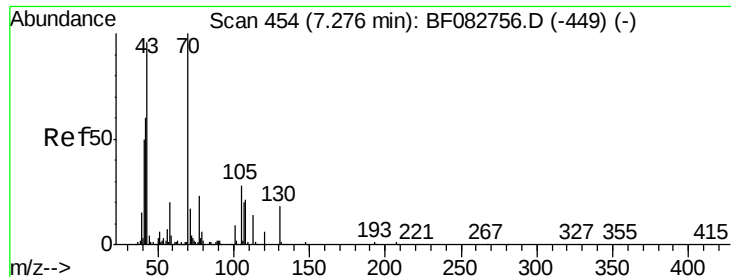
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#18
Hexachloroethane
Concen: 27.99 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion:	117	Resp:	190380
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.7	116.5
201	98.3	66.7	100.1





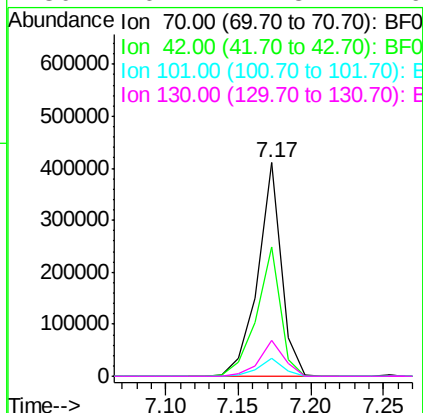
#19
n-Nitroso-di-n-propylamine
Concen: 32.32 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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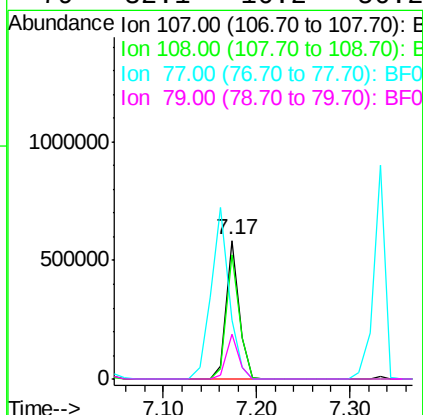
Mmdadoda
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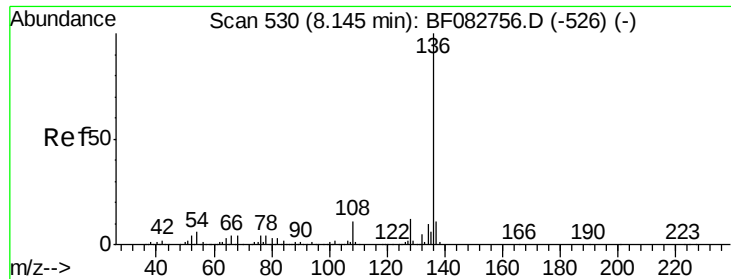
Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.5	57.7	86.5
101	8.4	7.0	10.6
130	16.7	11.8	17.6



#20
3+4-Methylphenols
Concen: 31.58 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.3	107.3
77	42.9	100.3	140.3#
79	32.1	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF083039.D

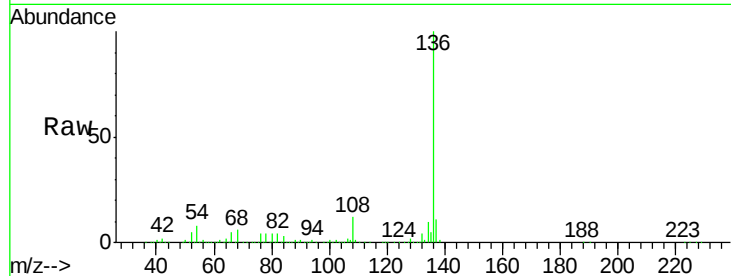
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 827265

Ion Ratio Lower Upper

136 100

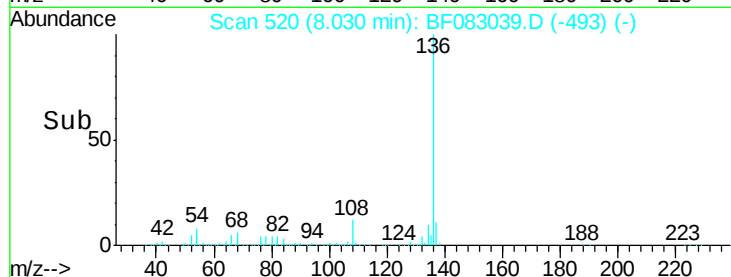
137 11.1 9.1 13.7

54 8.2 9.1 13.7#

68 5.6 4.8 7.2

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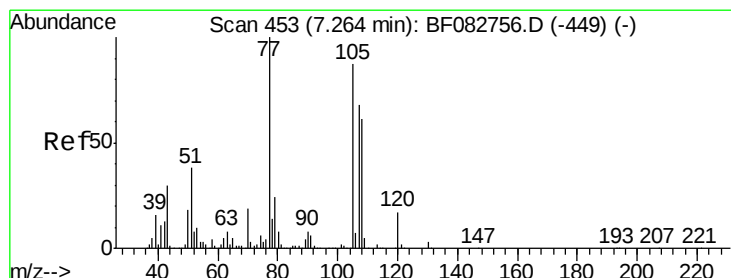
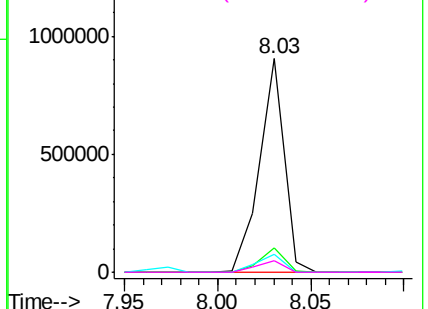


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.54 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:105 Resp: 913525

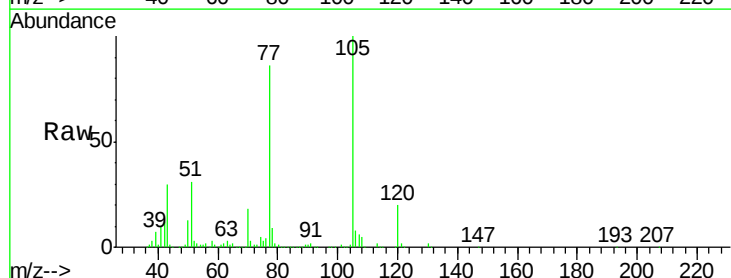
Ion Ratio Lower Upper

105 100

71 3.1 5.6 8.4#

51 31.0 24.9 37.3

120 20.3 15.8 23.8

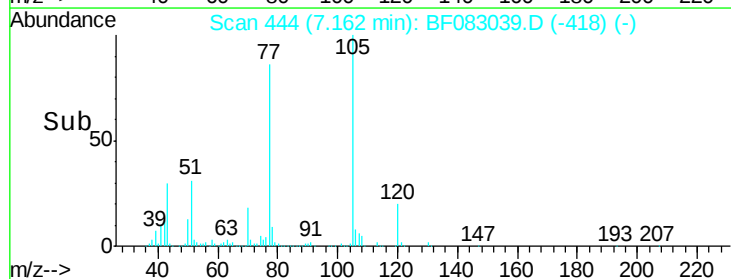
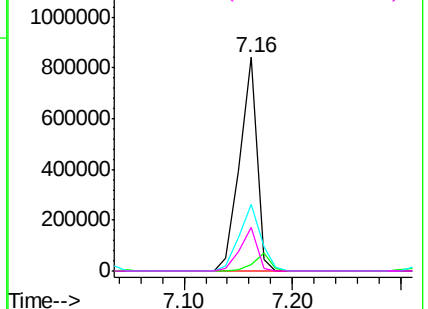


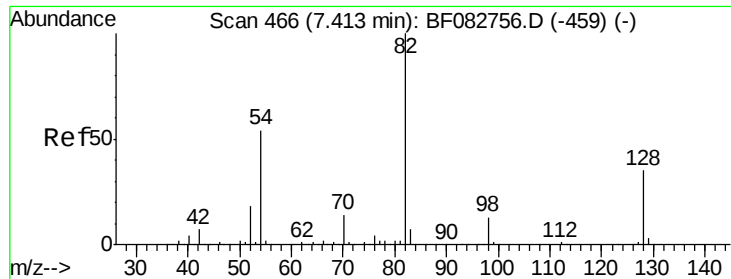
Abundance Ion 105.00 (104.70 to 105.70): E

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





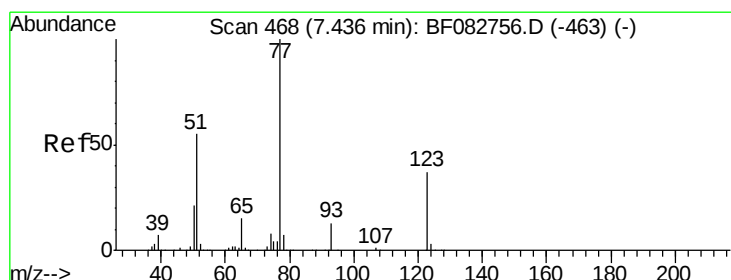
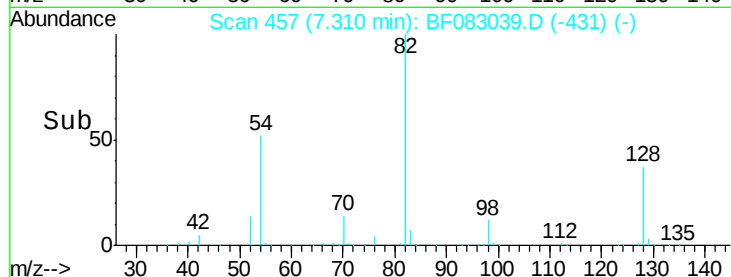
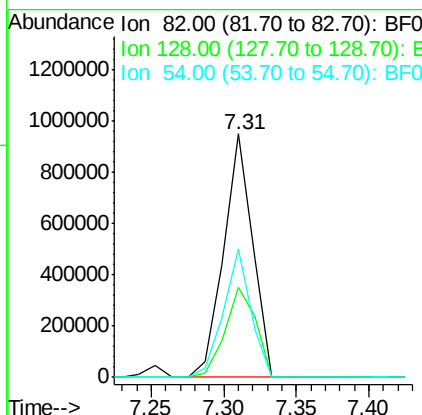
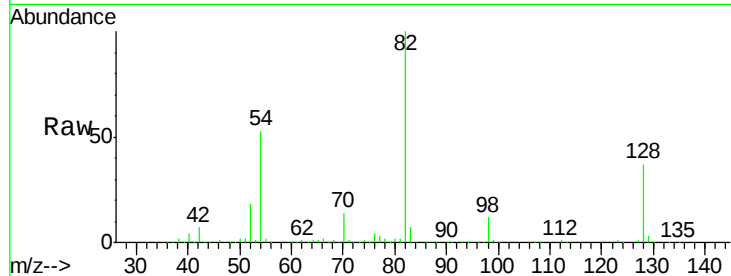
#23
Nitrobenzene-d5
Concen: 68.82 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1308474
Ion Ratio Lower Upper
82 100
128 36.9 26.8 40.2
54 53.0 45.7 68.5

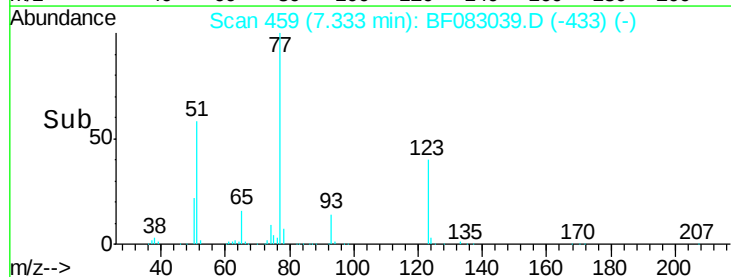
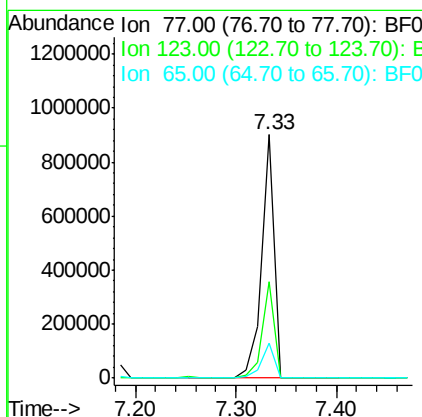
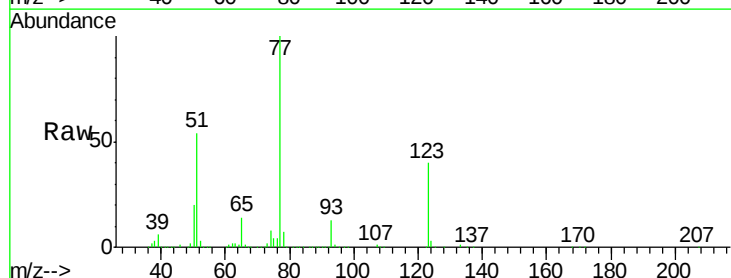
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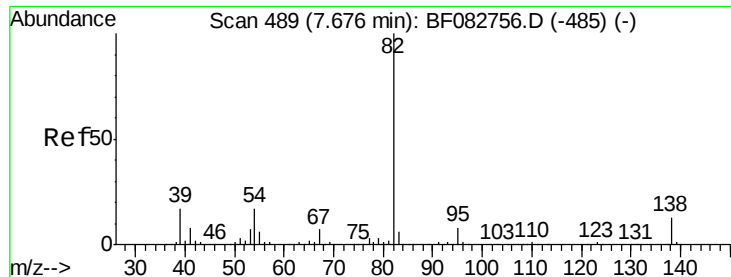
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#24
Nitrobenzene
Concen: 39.94 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion: 77 Resp: 776501
Ion Ratio Lower Upper
77 100
123 39.6 36.4 54.6
65 14.5 11.5 17.3





#25

Isophorone

Concen: 37.37 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

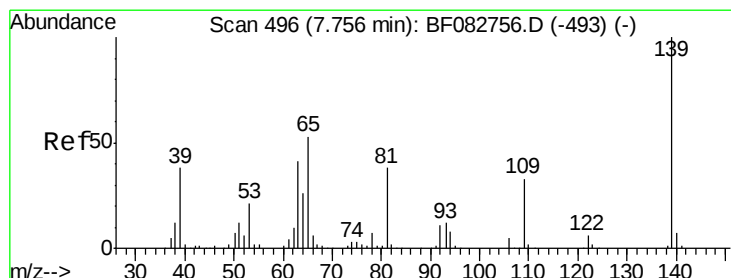
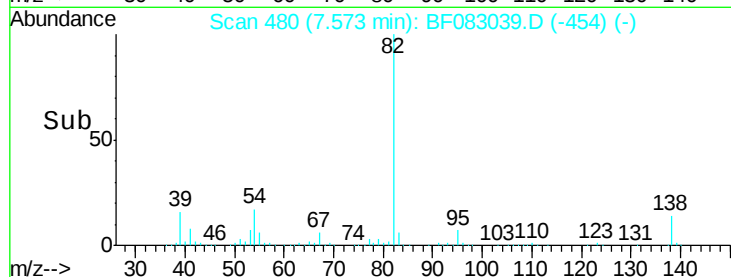
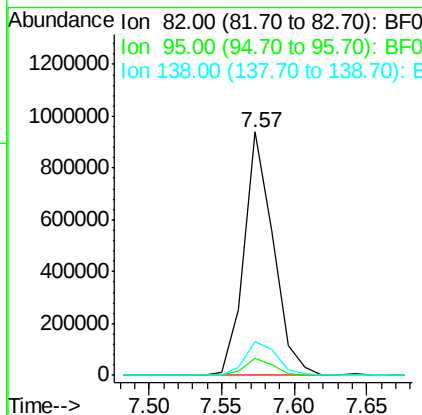
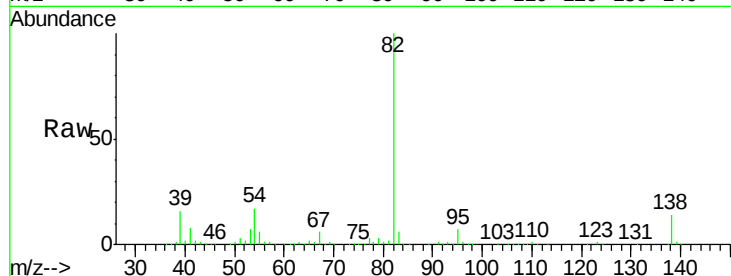
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	1314631
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.6	9.8
138	14.1	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.16 ng

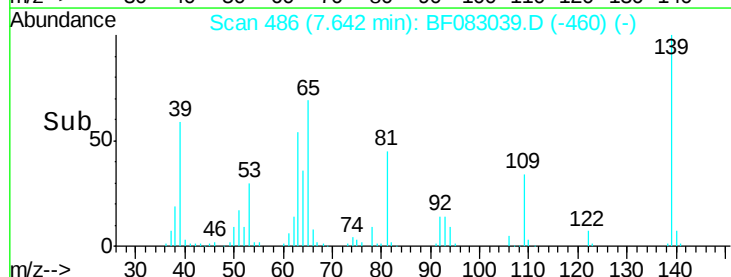
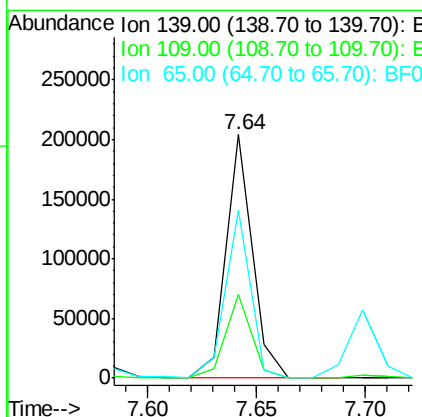
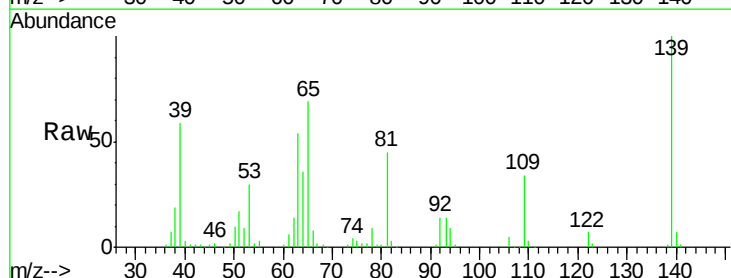
RT: 7.64 min Scan# 486

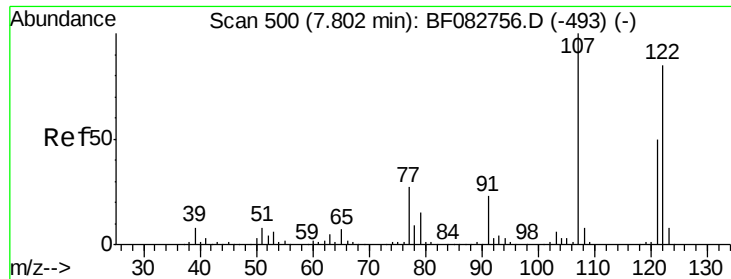
Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

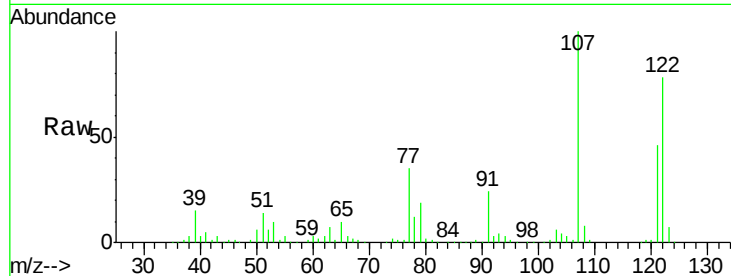
Tgt Ion:	139	Resp:	171729
Ion	Ratio	Lower	Upper
139	100		
109	34.3	37.6	56.4#
65	69.3	70.6	105.8#





#27
 2,4-Dimethylphenol
 Concen: 31.23 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

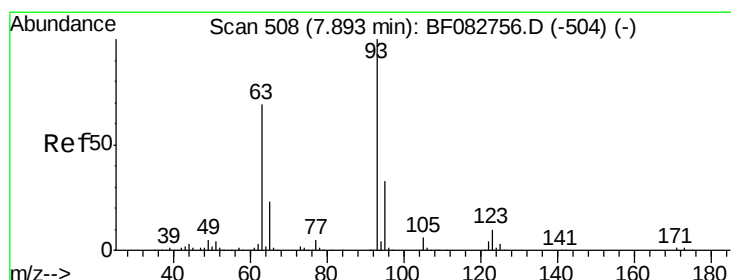
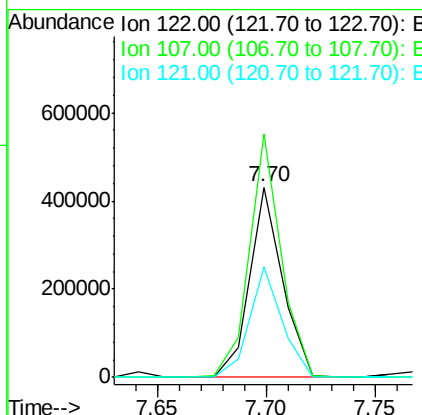
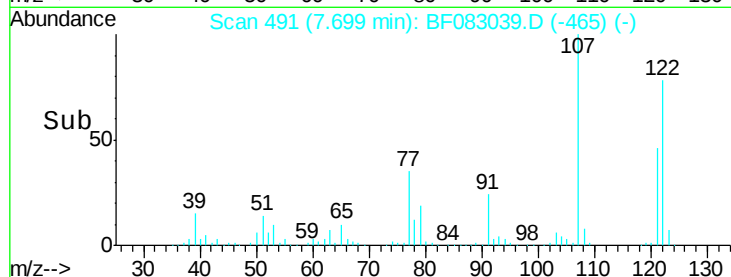
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	455389		
107	127.8	106.0	159.0	
121	58.2	46.7	70.1	

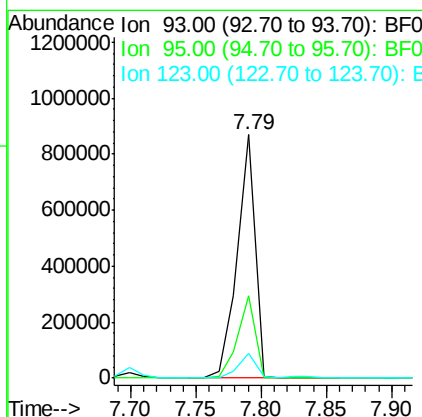
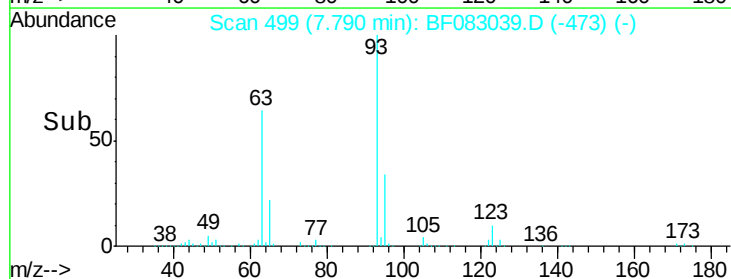
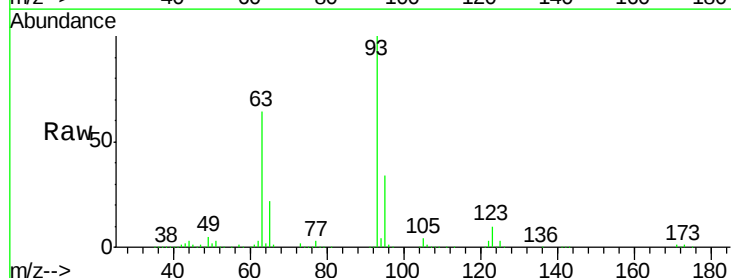
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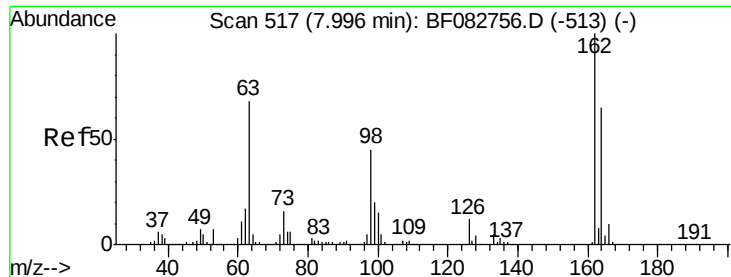
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.34 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	820326		
95	33.6	26.6	40.0	
123	10.4	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 34.04 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

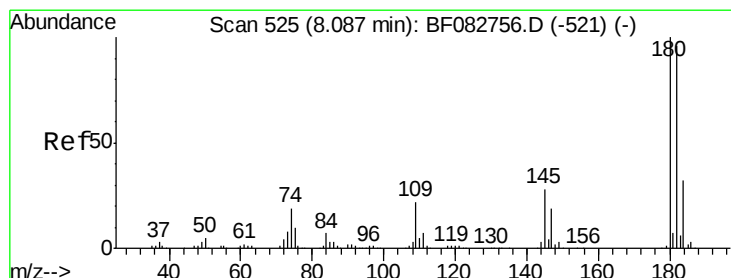
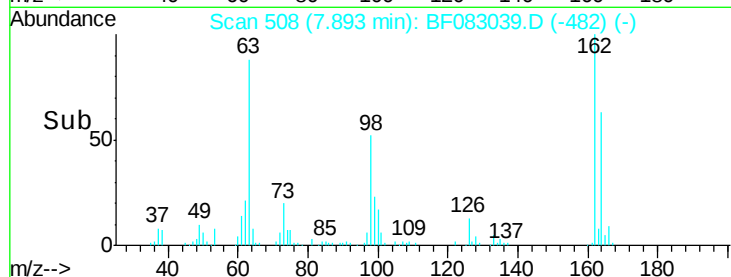
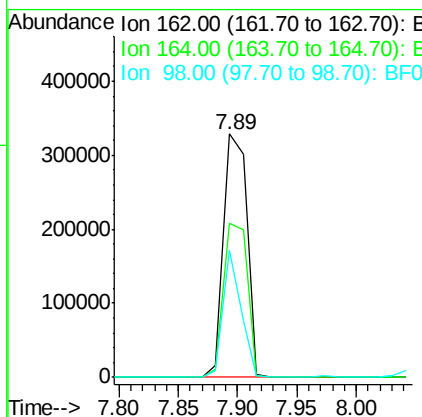
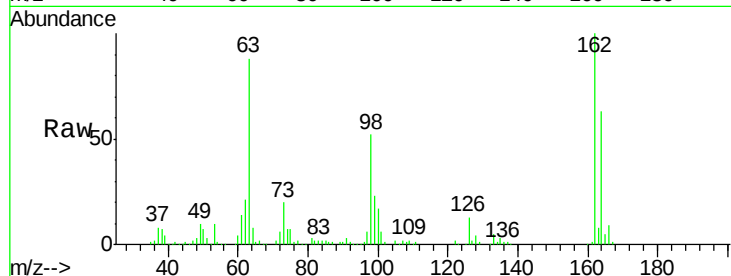
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	162	Resp:	448668
Ion Ratio	Lower	Upper	
162	100		
164	63.2	46.8	86.8
98	52.2	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 35.90 ng

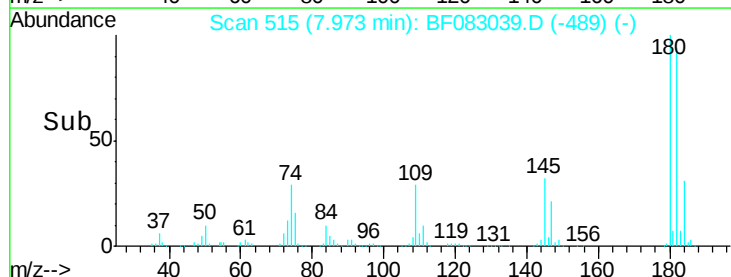
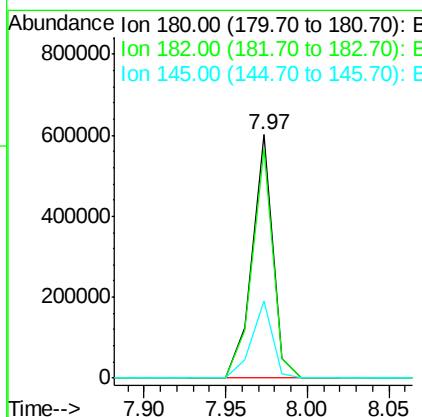
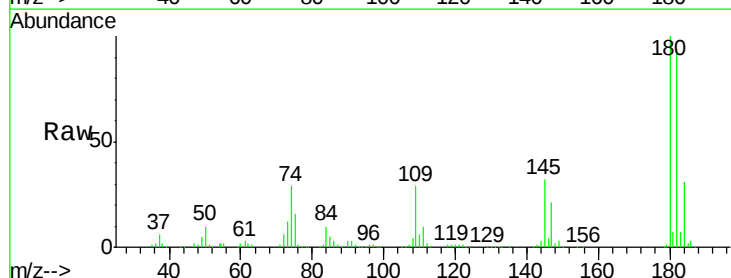
RT: 7.97 min Scan# 515

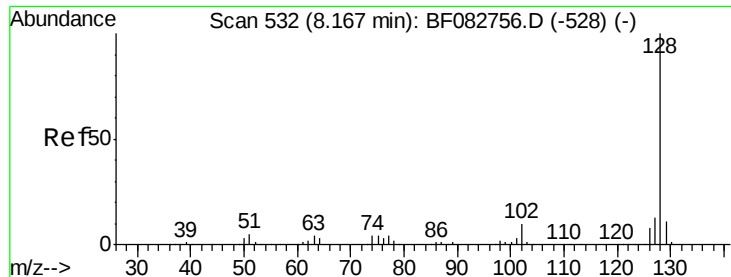
Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:	180	Resp:	532072
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.9	112.3
145	31.6	27.8	41.8





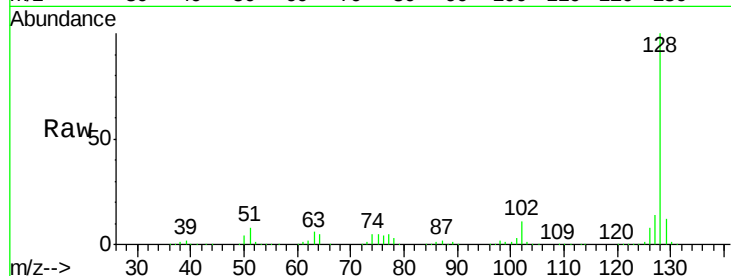
#31
Naphthalene
Concen: 37.58 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

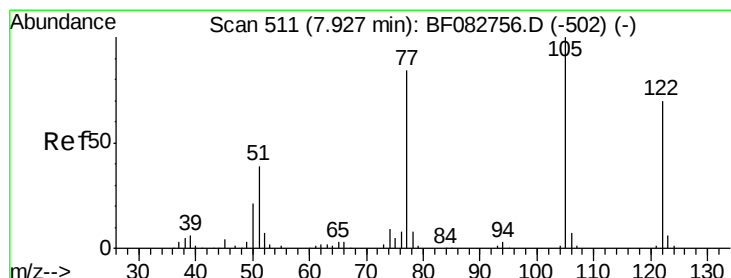
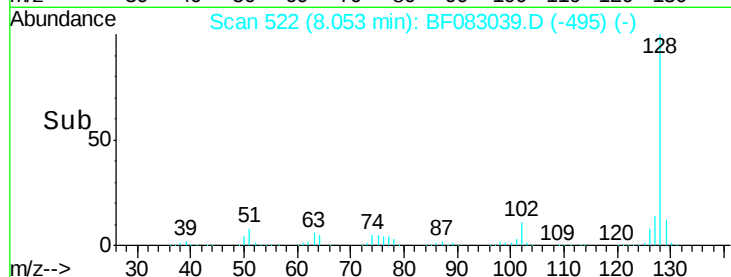
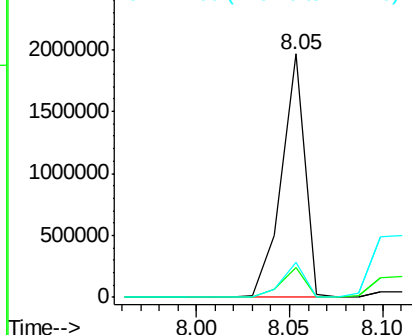
Tgt Ion:128 Resp: 1715250
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.4 11.4 17.0

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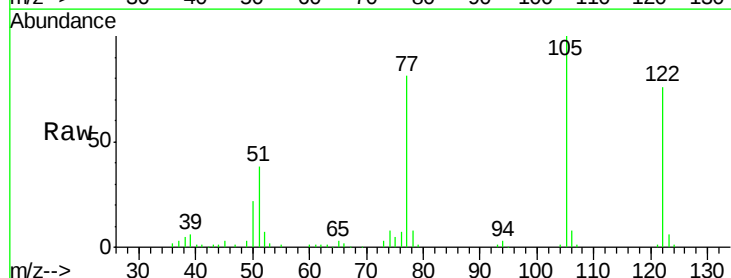


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

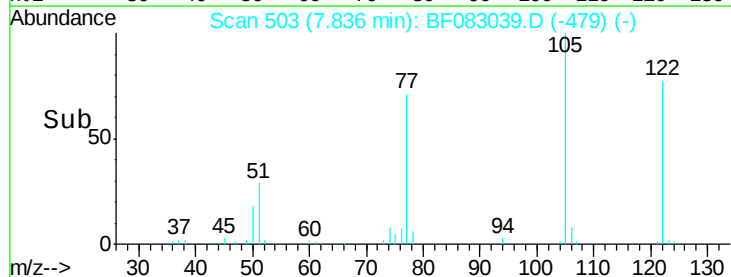
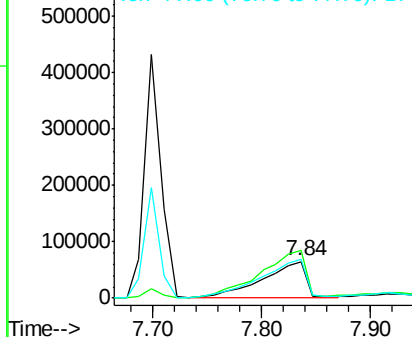


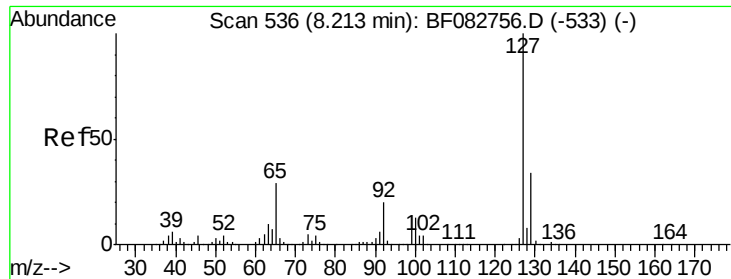
#32
Benzoic acid
Concen: 18.28 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion:122 Resp: 182503
Ion Ratio Lower Upper
122 100
105 131.0 122.6 162.6
77 105.8 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





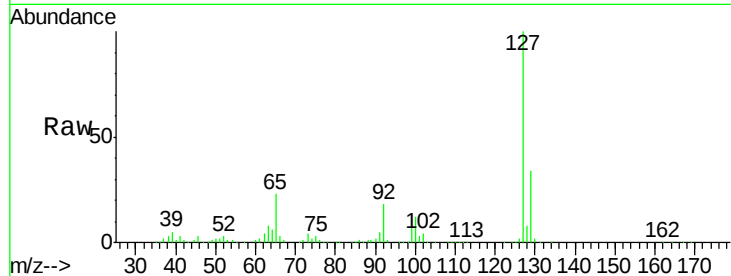
#33
4-Chloroaniline
Concen: 35.88 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

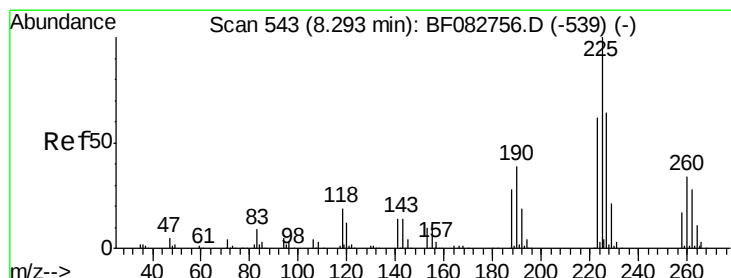
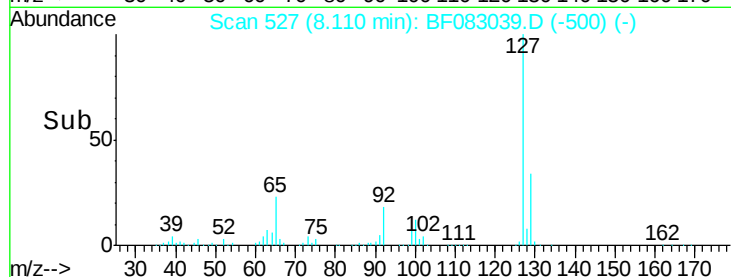
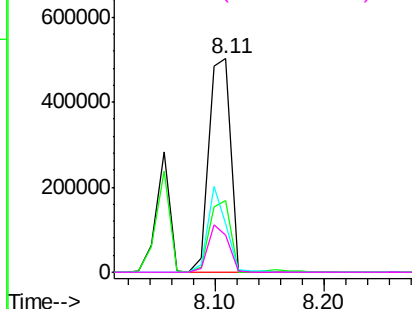
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	705778		
129	33.8	26.3	39.5	
65	23.1	37.8	56.8	
92	17.5	20.6	31.0	

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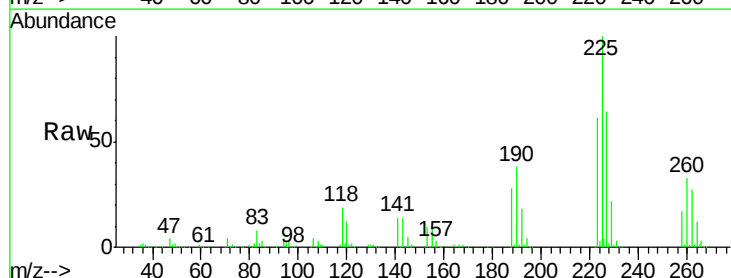


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

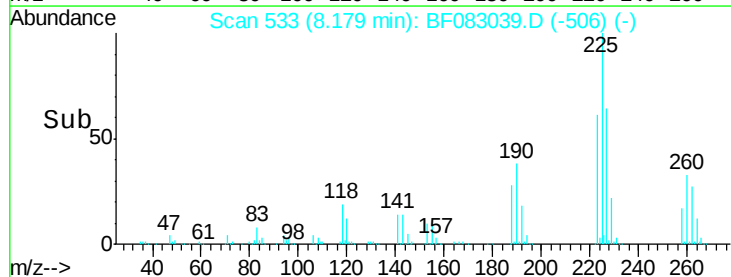
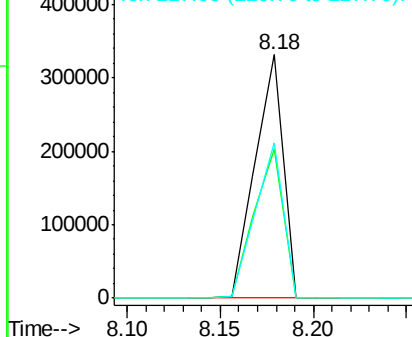


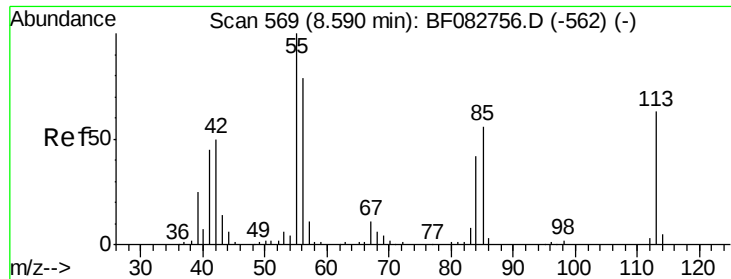
#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	344178		
223	61.1	50.5	75.7	
227	63.8	50.2	75.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





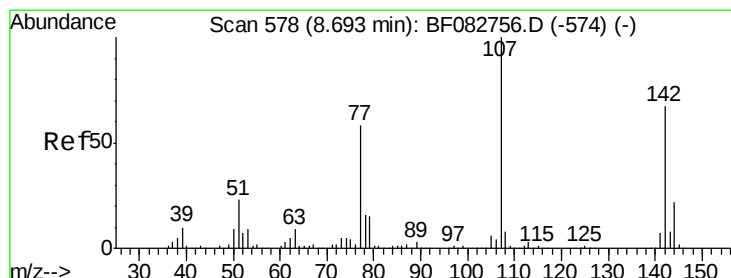
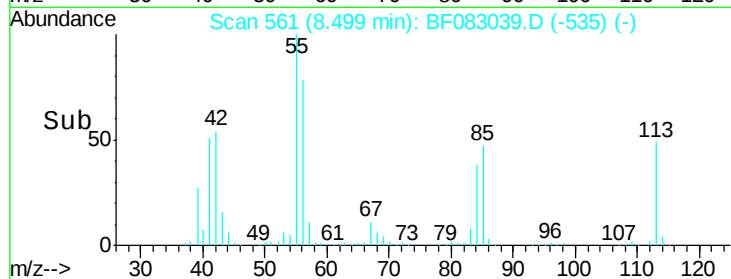
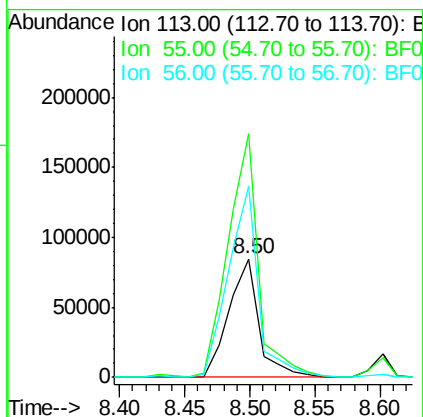
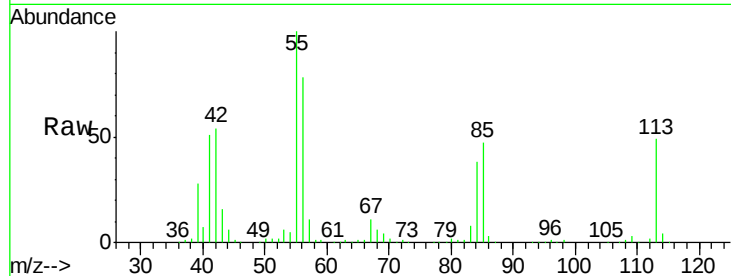
#35
 Caprolactam
 Concen: 32.74 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	205.0	195.5	235.5
56	160.6	153.5	193.5

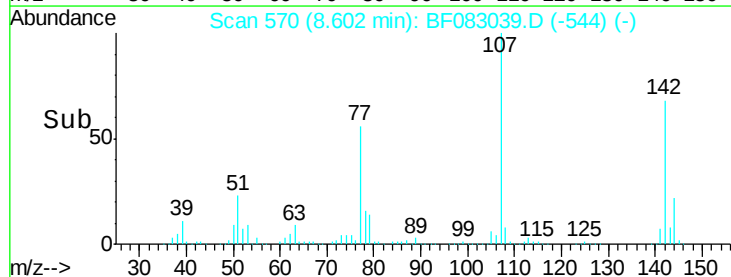
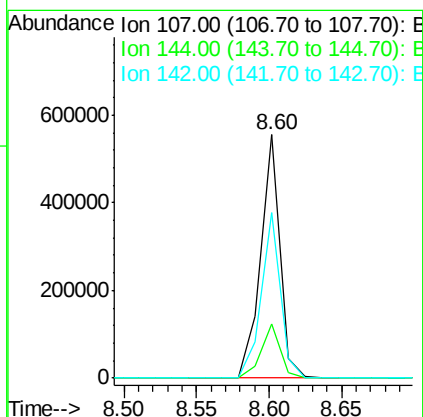
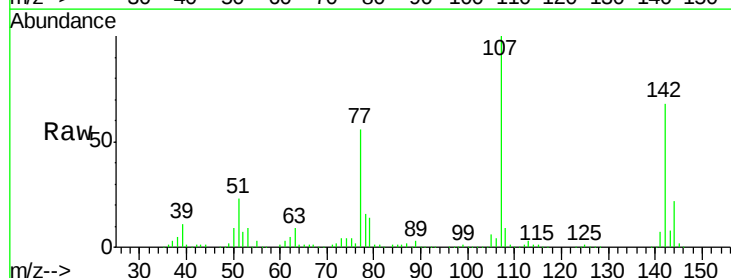
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#36
 4-Chloro-3-methylphenol
 Concen: 33.06 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	15.4	23.0
142	67.9	47.8	71.8





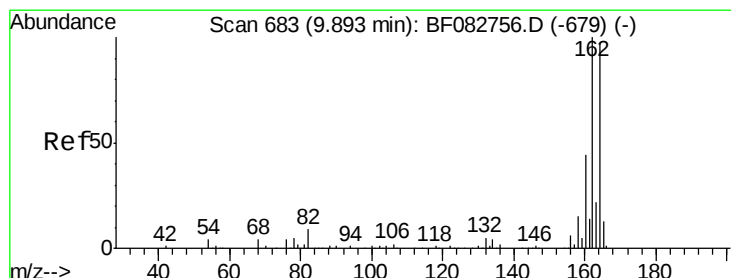
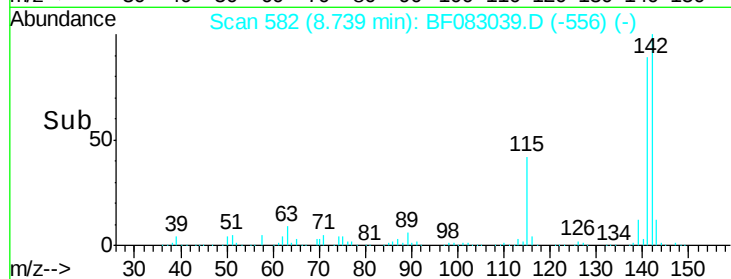
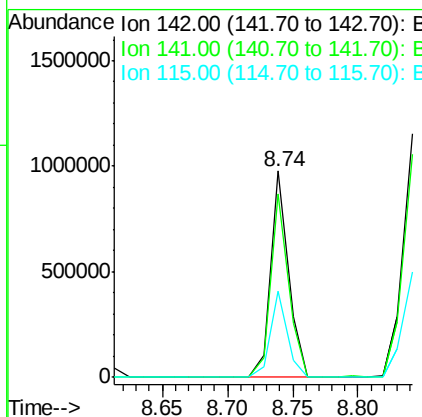
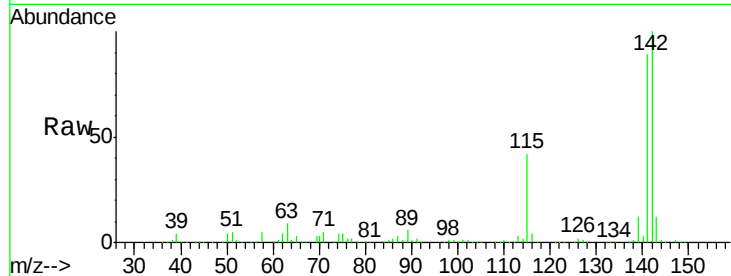
#37
2-Methylnaphthalene
Concen: 31.91 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	41.9	38.1	57.1

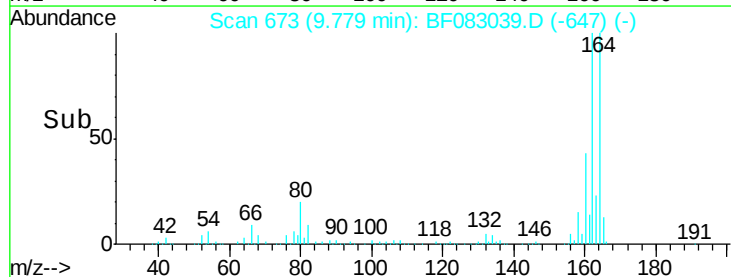
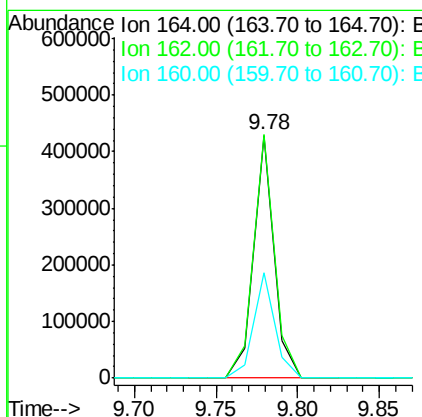
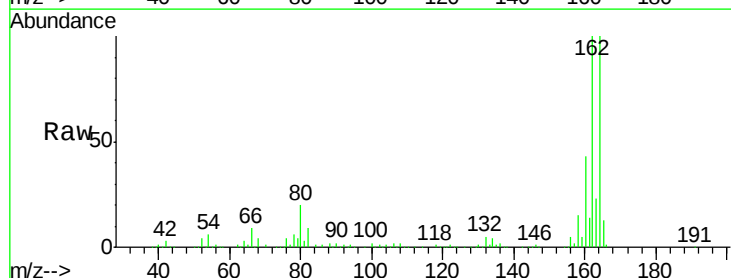
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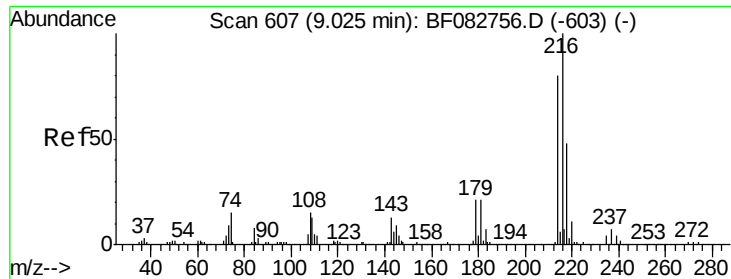
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	84.9	127.3
160	43.5	37.5	56.3





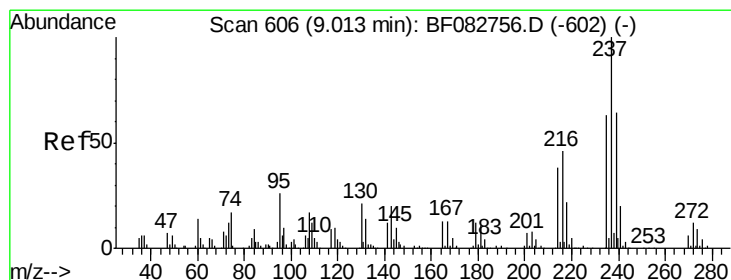
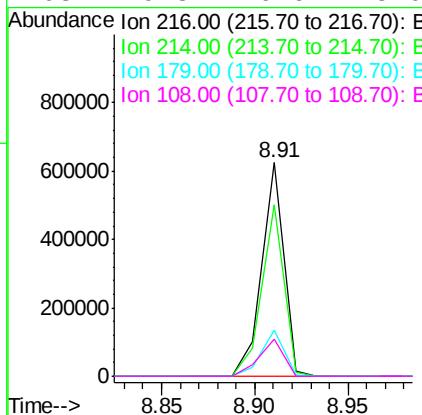
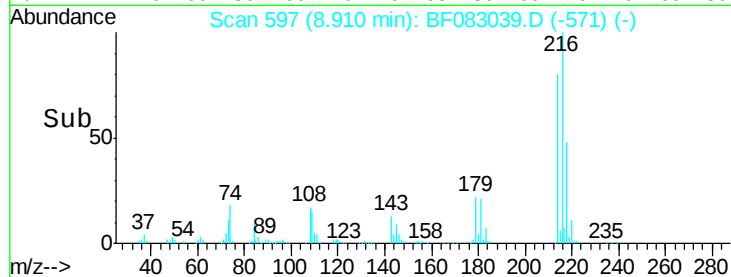
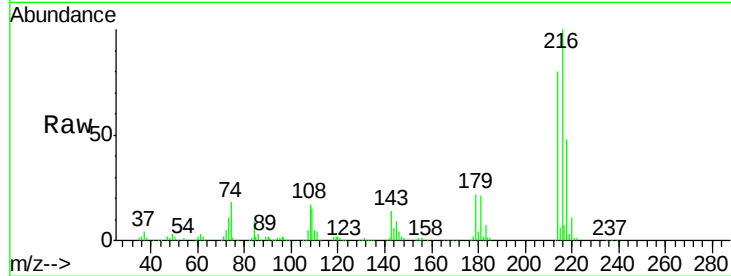
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.25 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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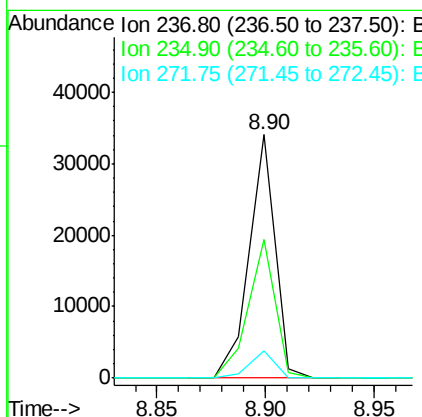
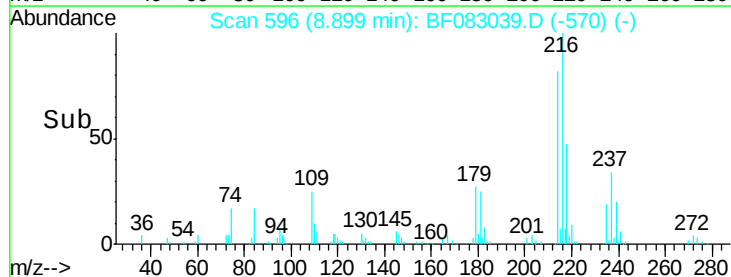
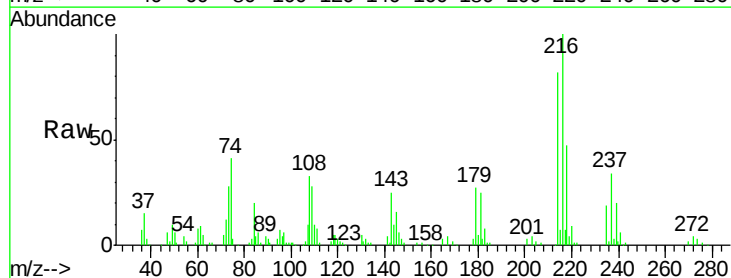
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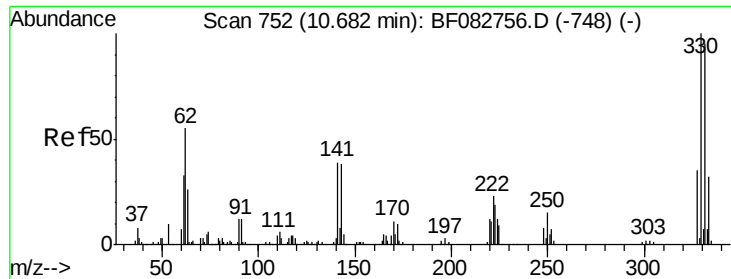
Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	62.2	93.2
179	22.4	18.1	27.1
108	19.3	16.6	25.0



#40
 Hexachlorocyclopentadiene
 Concen: 4.24 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	57.2	44.3	84.3
272	11.4	0.0	31.9





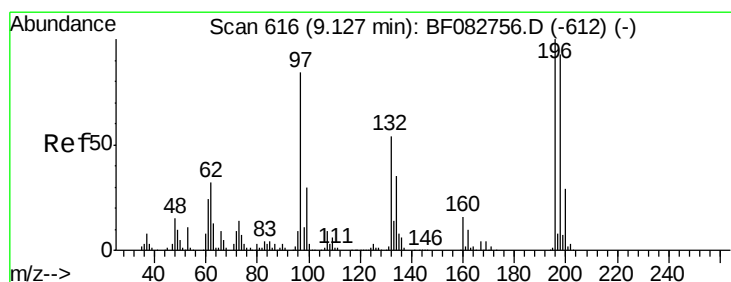
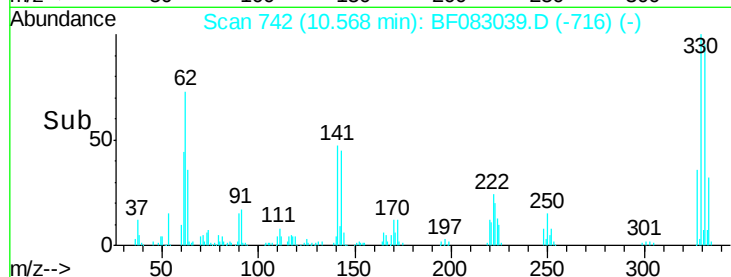
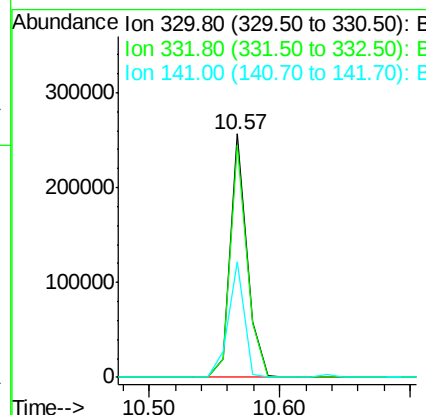
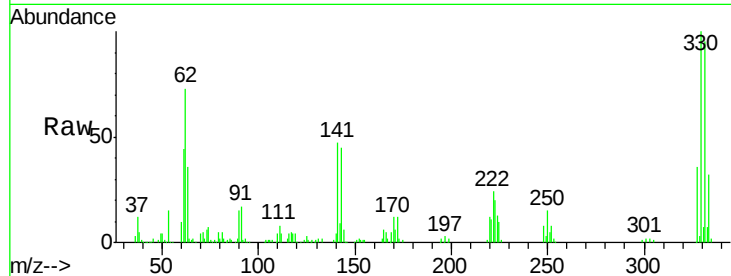
#41
 2,4,6-Tribromophenol
 Concen: 53.71 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	231853		
332	95.7	76.6	114.8	
141	45.2	41.2	61.8	

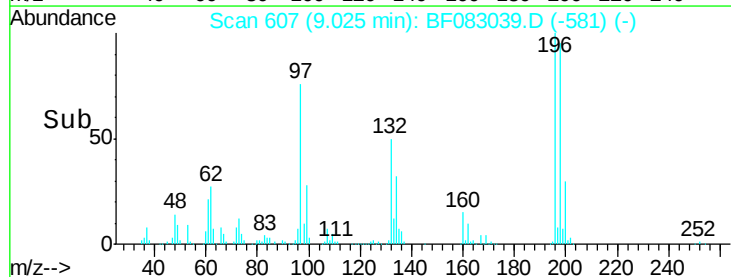
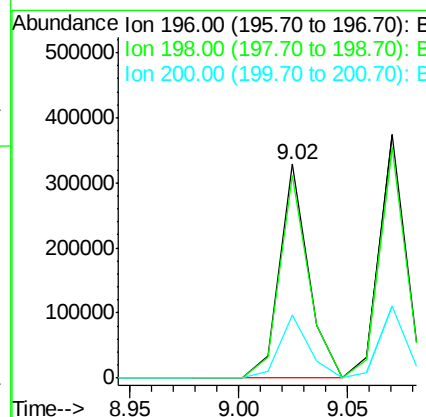
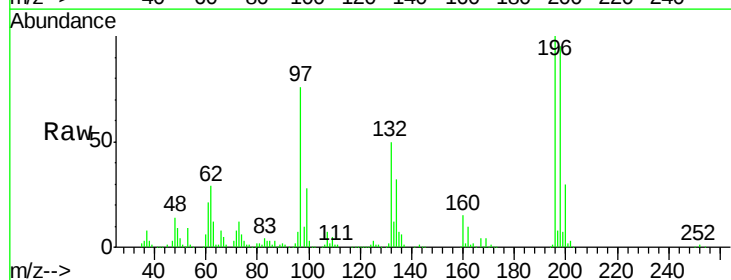
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#42
 2,4,6-Trichlorophenol
 Concen: 33.08 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

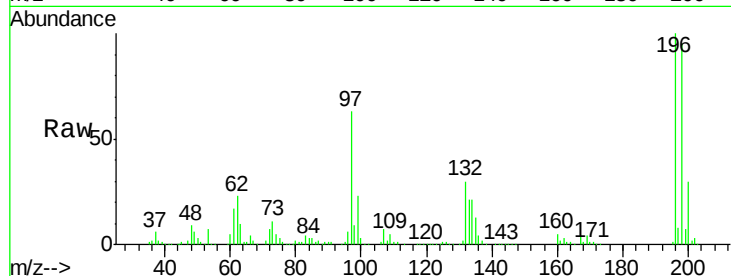
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305530		
198	94.6	76.3	114.5	
200	29.6	23.9	35.9	





#43
2,4,5-Trichlorophenol
Concen: 35.15 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

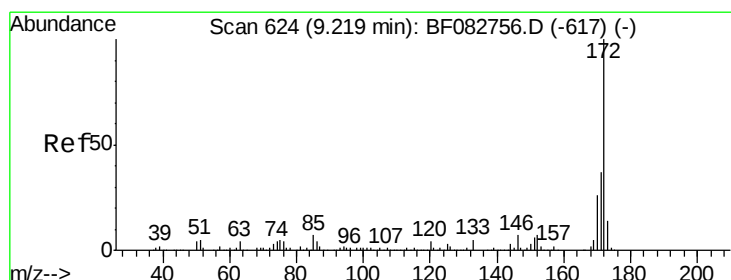
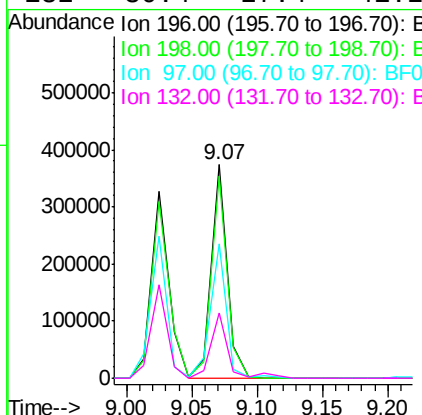
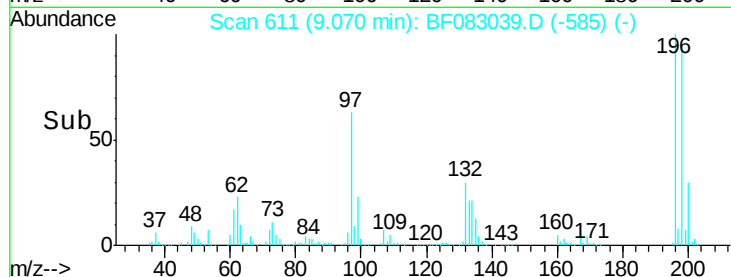
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321089		
198	94.6	75.8	113.8	
97	62.9	62.3	93.5	
132	30.4	27.4	41.2	

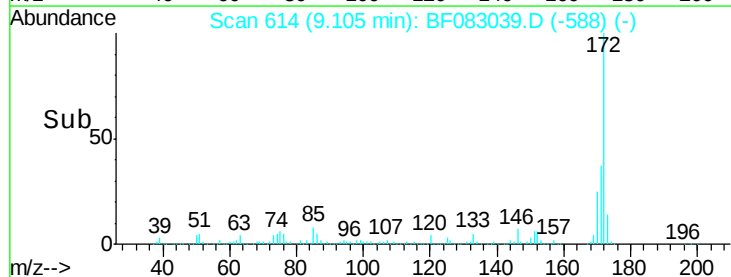
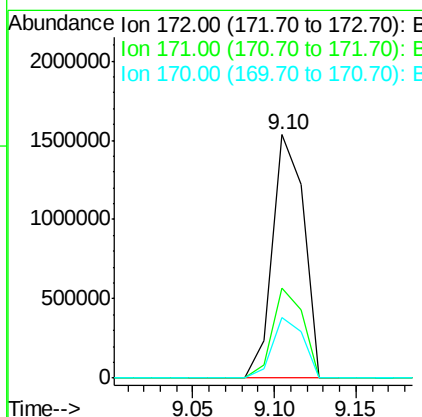
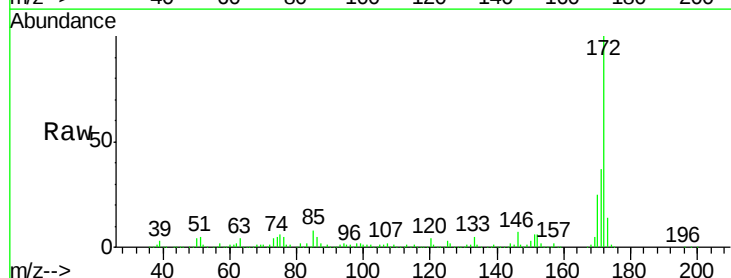
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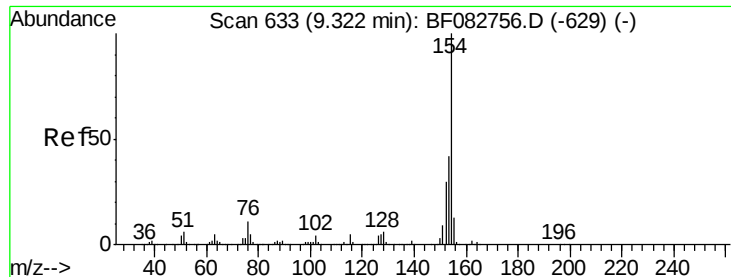
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#44
2-Fluorobiphenyl
Concen: 78.23 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2055102		
171	36.7	30.8	46.2	
170	24.9	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 36.96 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

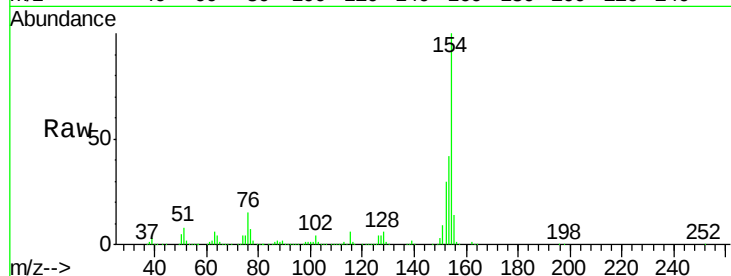
ClientSampleId :

SSTDCCC040EC

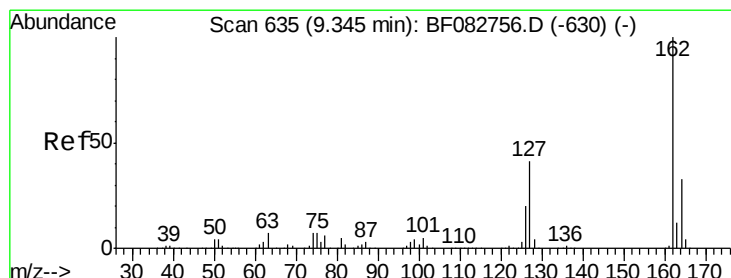
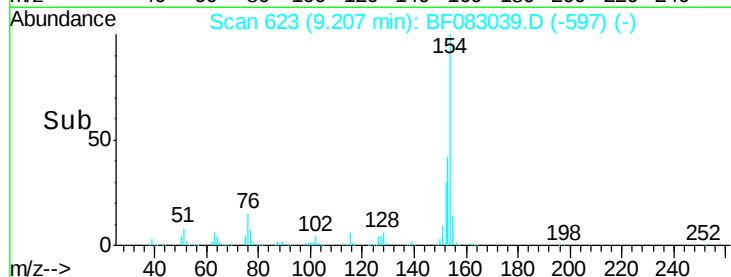
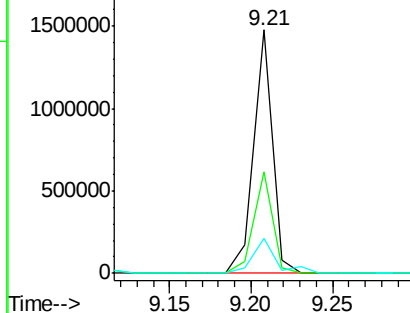
Tgt Ion:	154	Resp:	1194161
Ion Ratio	Lower	Upper	
154	100		
153	41.9	22.0	62.0
76	14.5	0.0	29.0

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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: 38.69 ng

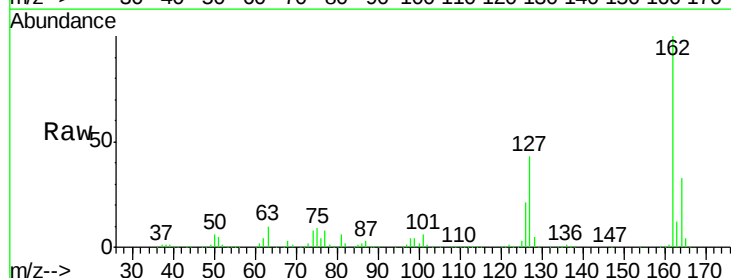
RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

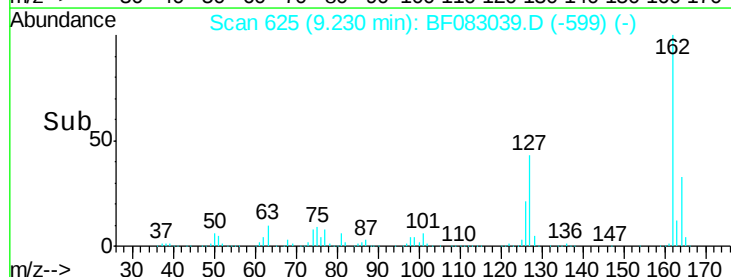
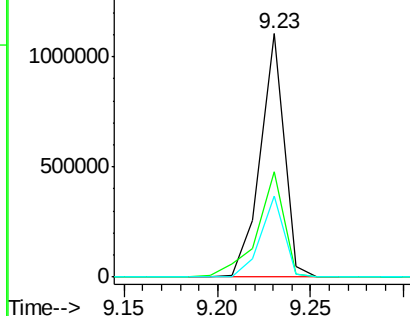
Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:	162	Resp:	975096
Ion Ratio	Lower	Upper	
162	100		
127	43.1	32.7	49.1
164	33.2	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





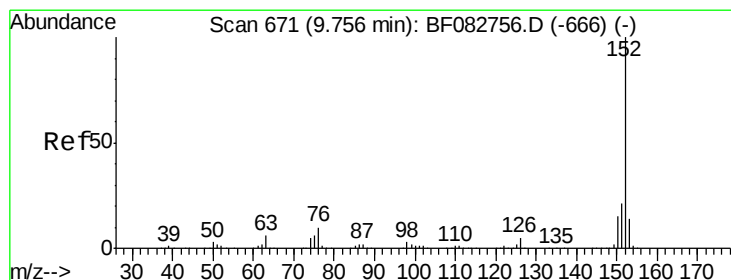
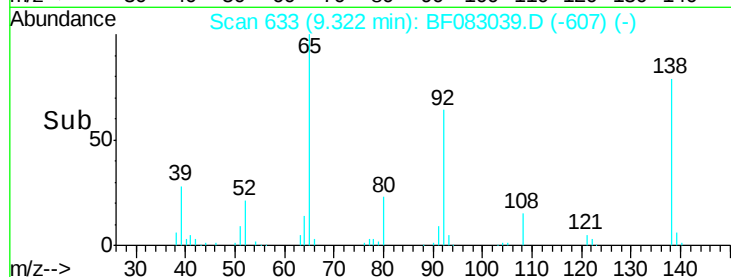
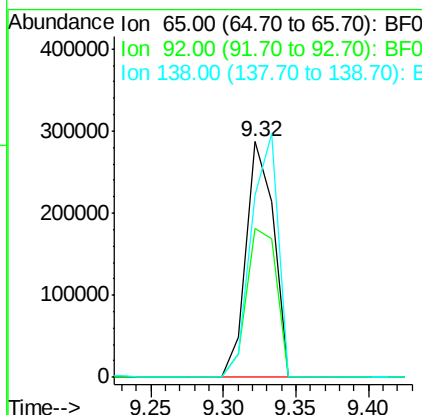
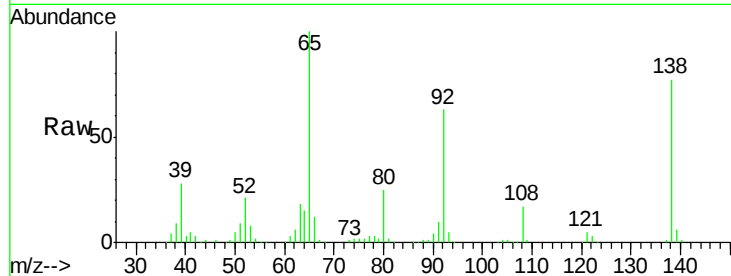
#47
2-Nitroaniline
Concen: 40.42 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	46.6	70.0
138	77.5	54.6	81.8

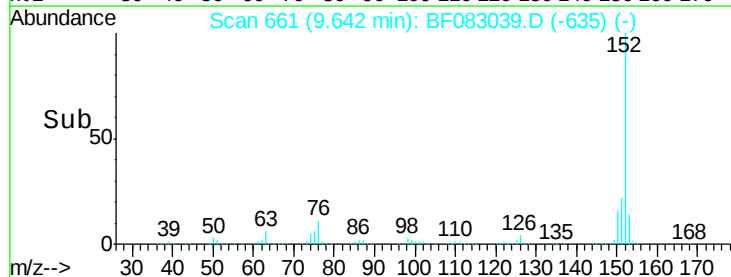
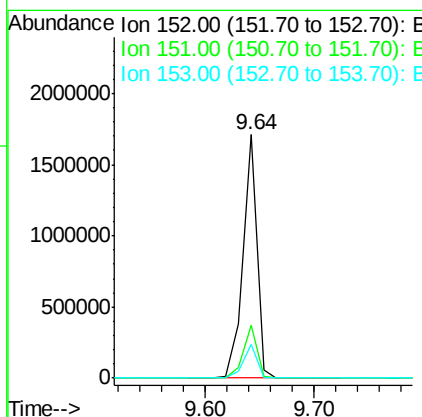
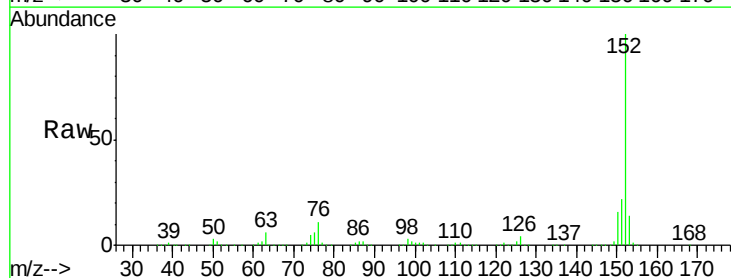
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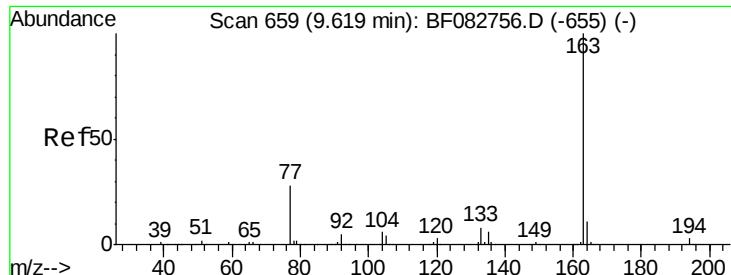
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#48
Acenaphthylene
Concen: 37.53 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9
153	14.1	11.3	16.9





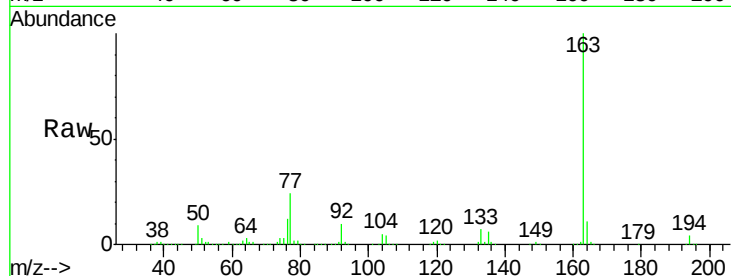
#49
Dimethylphthalate
Concen: 39.94 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

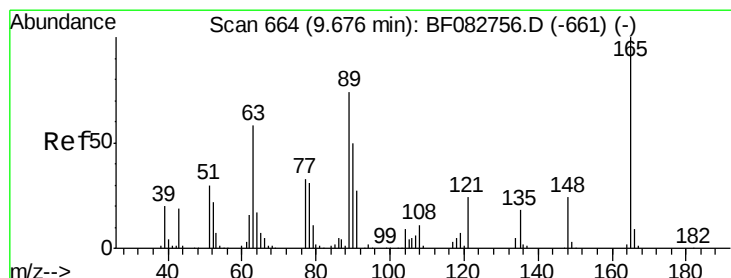
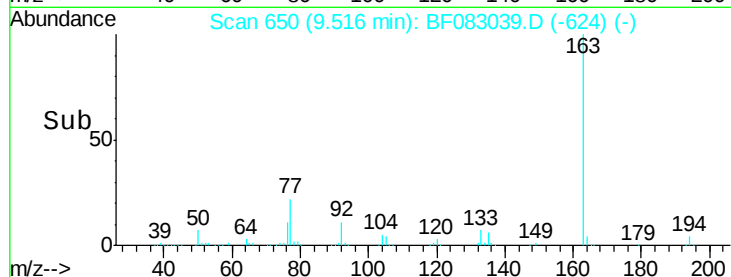
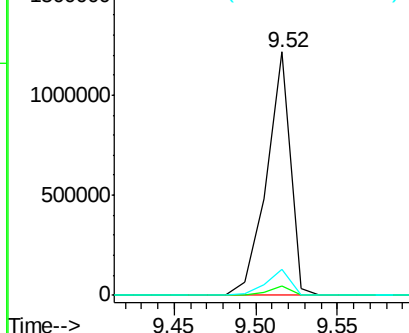
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.6	8.7	13.1

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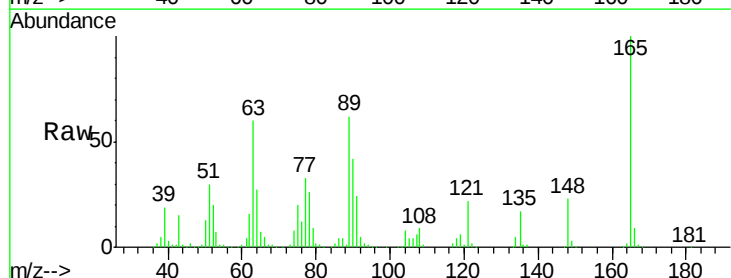


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

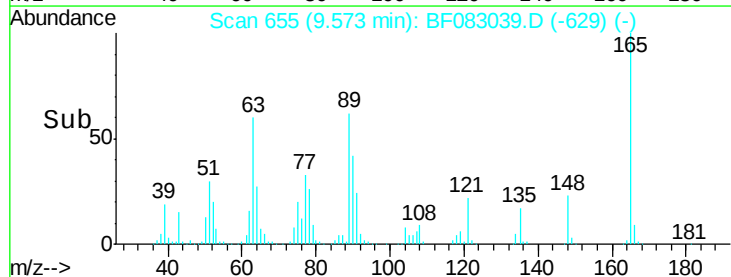
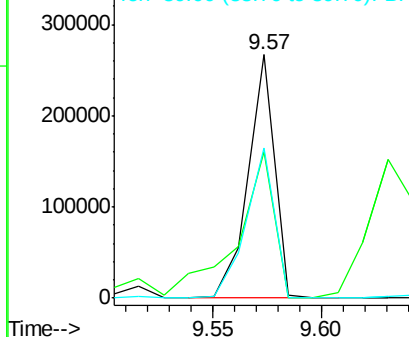


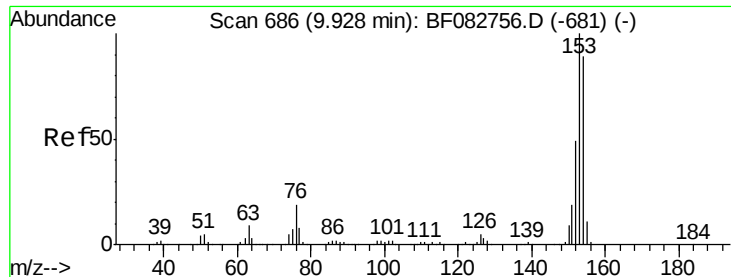
#50
2,6-Dinitrotoluene
Concen: 34.12 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	55.5	83.3
89	61.8	55.0	82.6



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





#51

Acenaphthene

Concen: 31.84 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF083039.D

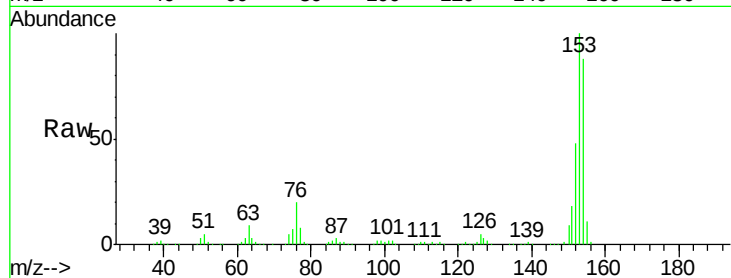
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

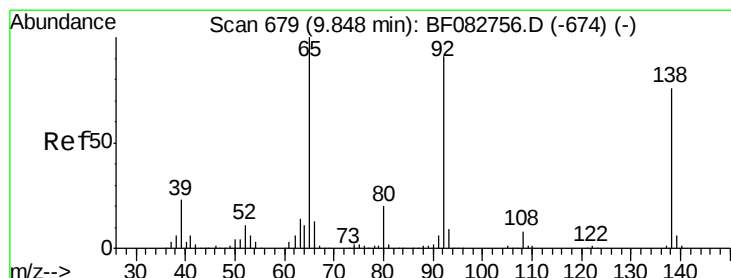
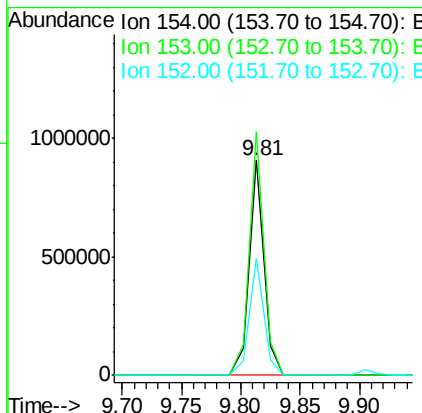
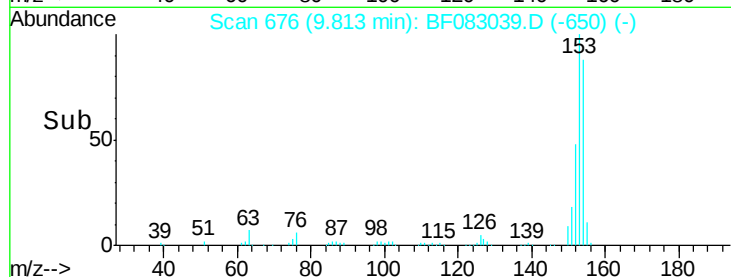
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Tgt Ion:	154	Resp:	797027
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.1	135.1
152	54.2	44.3	66.5

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#52

3-Nitroaniline

Concen: 47.69 ng

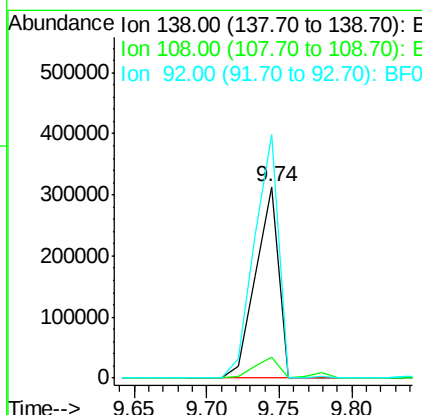
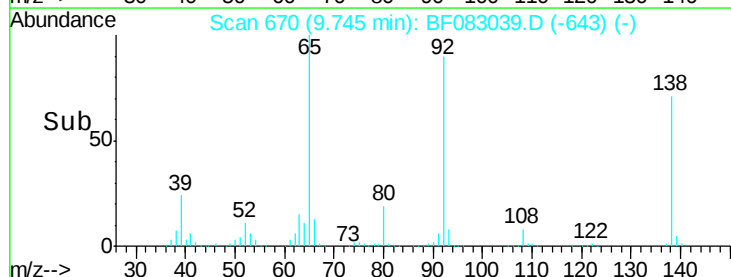
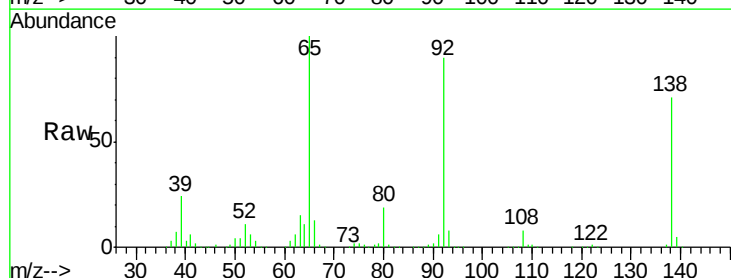
RT: 9.74 min Scan# 670

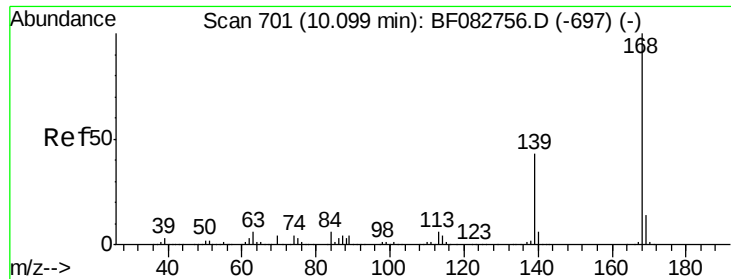
Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:	138	Resp:	345258
Ion Ratio	Lower	Upper	
138	100		
108	11.0	11.3	16.9#
92	127.1	122.4	183.6





#54

Dibenzofuran

Concen: 36.74 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083039.D

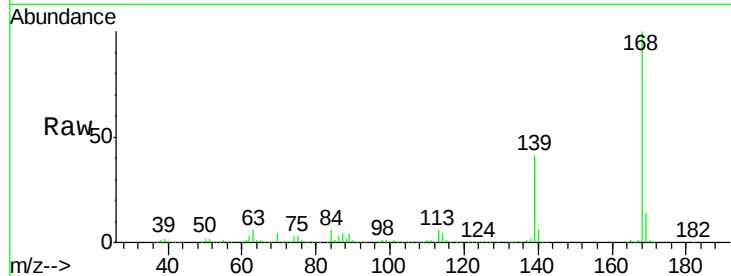
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:168 Resp: 1239933

Ion Ratio Lower Upper

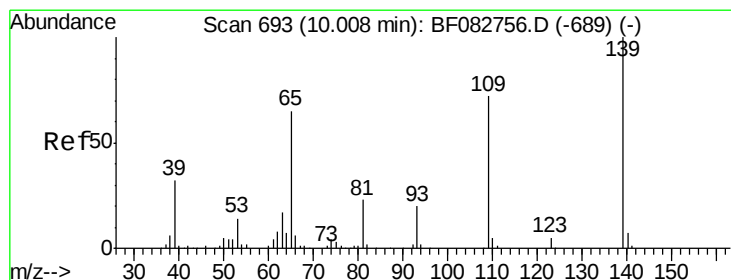
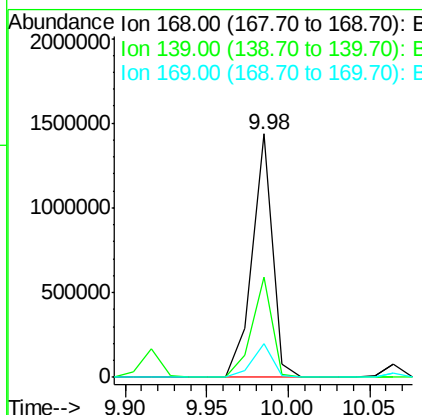
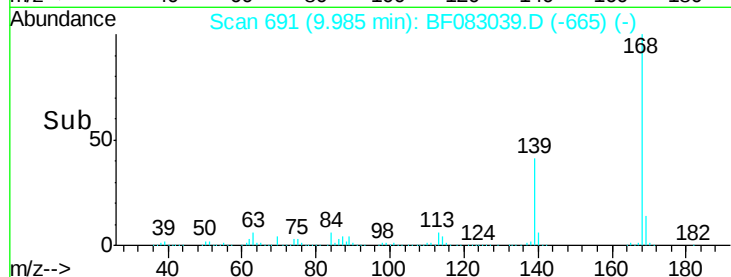
168 100

139 41.4 37.8 56.6

169 14.0 11.3 16.9

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#55

4-Nitrophenol

Concen: 26.05 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

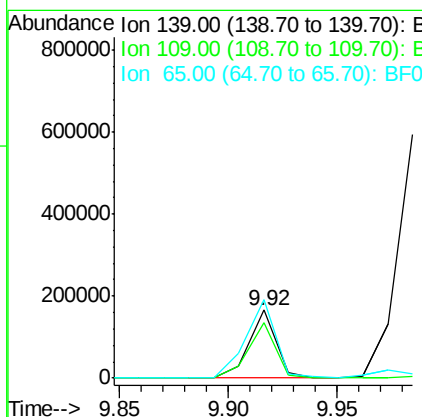
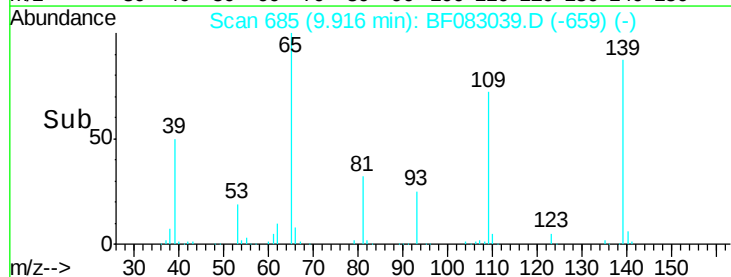
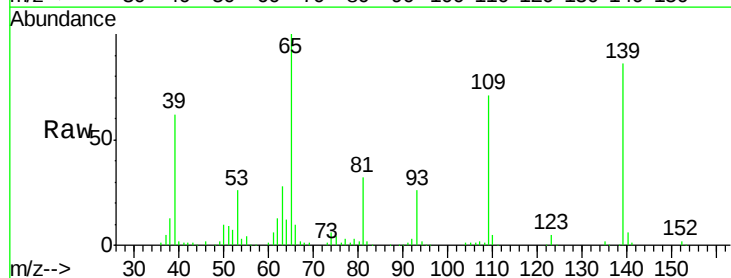
Tgt Ion:139 Resp: 144659

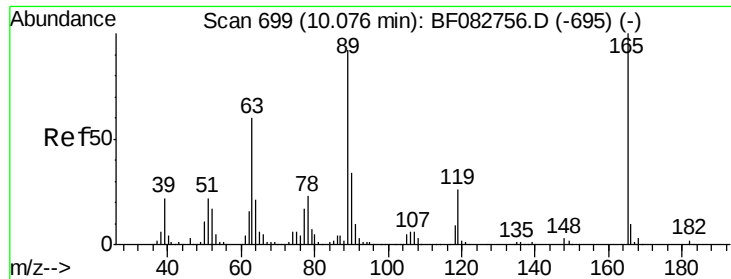
Ion Ratio Lower Upper

139 100

109 82.0 73.7 113.7

65 116.2 82.9 122.9





#56

2,4-Dinitrotoluene

Concen: 28.44 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF083039.D

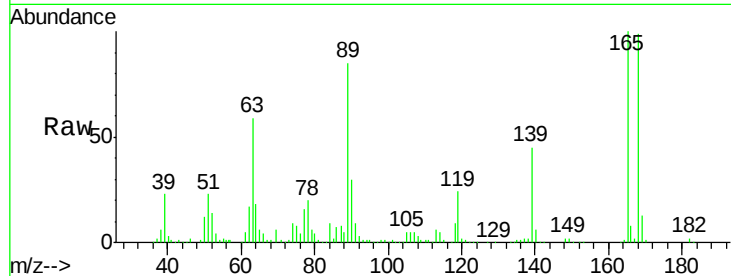
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:165 Resp: 253988

Ion Ratio Lower Upper

165 100

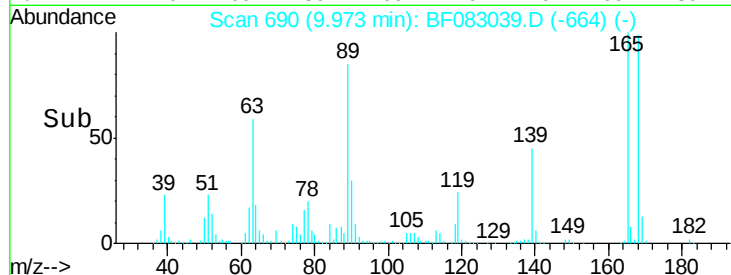
63 59.1 43.4 65.0

89 85.4 70.6 106.0

182 2.1 1.5 2.3

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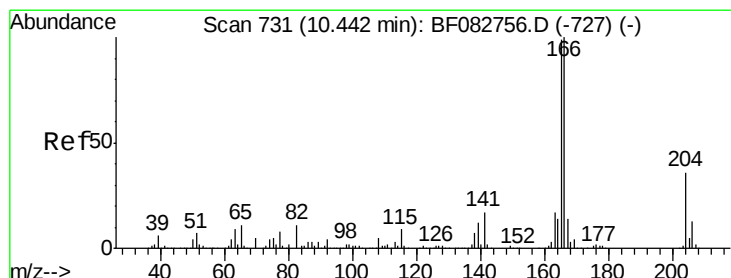
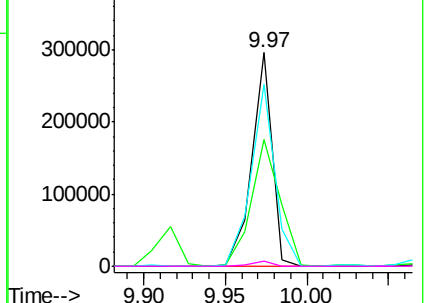


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.30 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

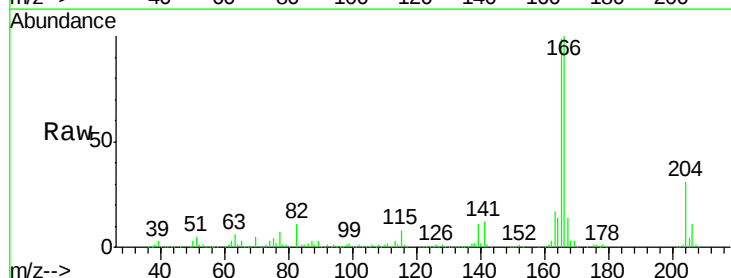
Tgt Ion:166 Resp: 1019497

Ion Ratio Lower Upper

166 100

165 98.9 80.2 120.4

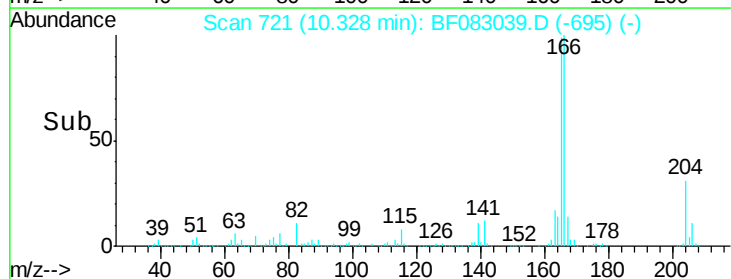
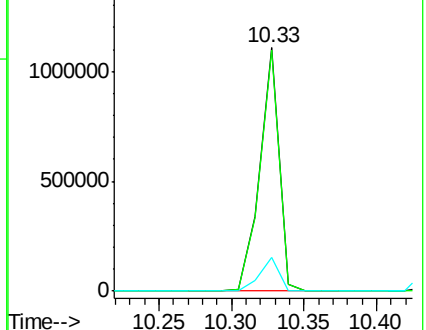
167 13.9 11.2 16.8

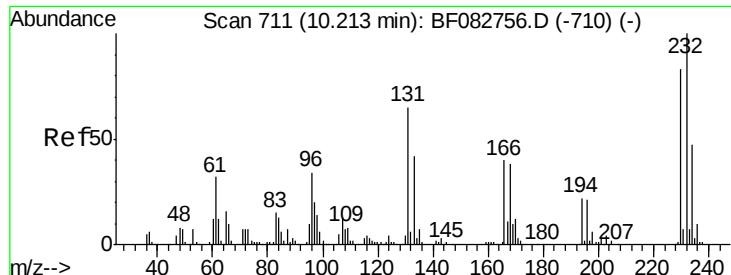


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





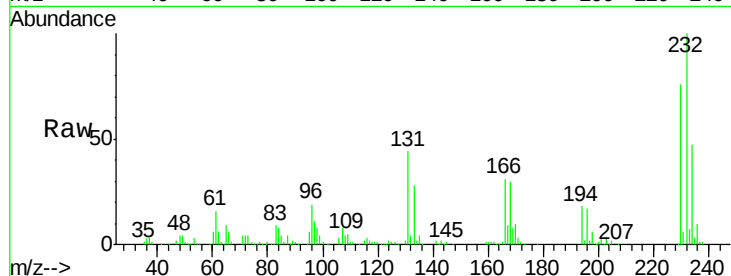
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.41 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

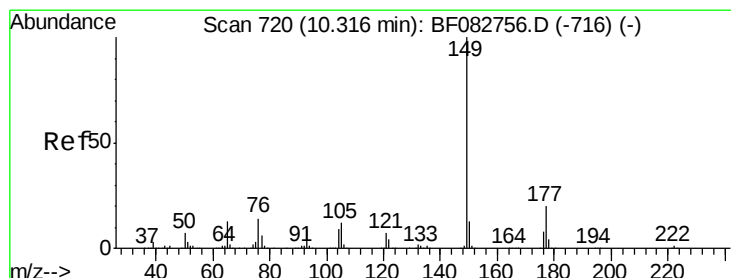
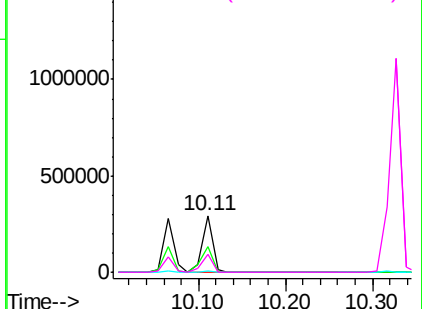
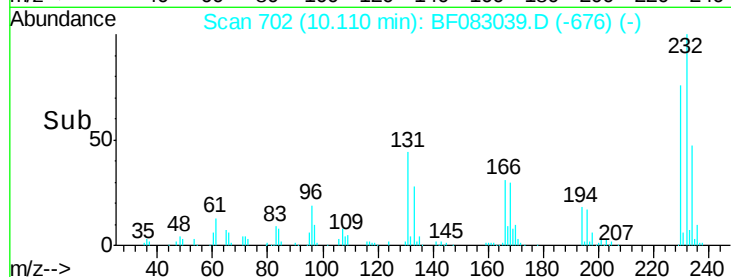
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	249107		
131	48.2	46.2	69.2	
130	2.3	2.4	3.6	
166	32.3	28.2	42.2	

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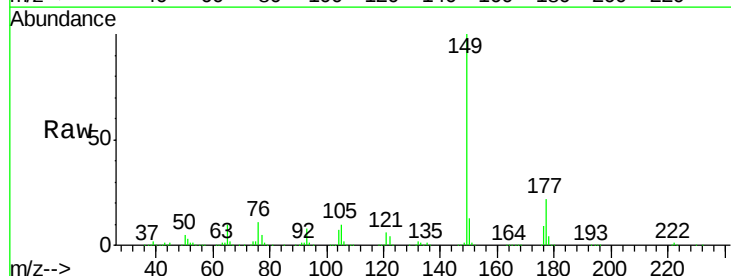


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

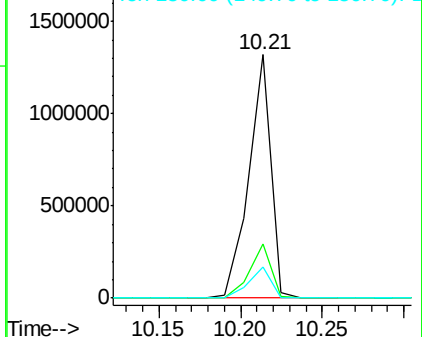
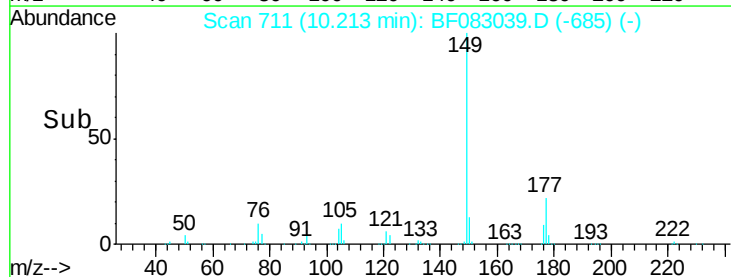


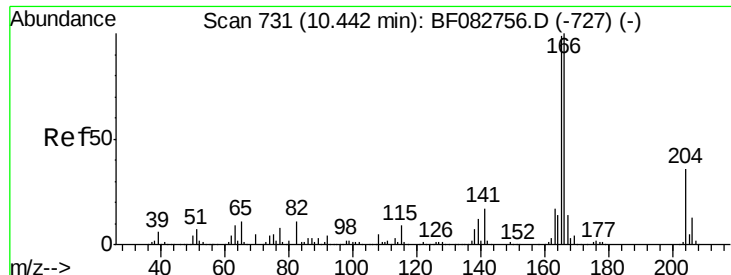
#59
 Diethylphthalate
 Concen: 40.96 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1233650		
177	22.5	17.9	26.9	
150	12.9	10.1	15.1	



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





#60

4-Chlorophenyl-phenylether

Concen: 34.82 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF083039.D

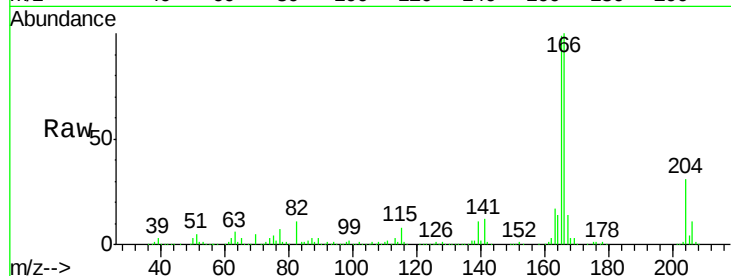
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 204 Resp: 476196

Ion Ratio Lower Upper

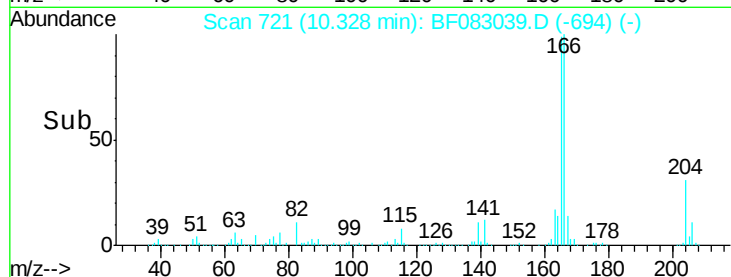
204 100

206 35.6 28.5 42.7

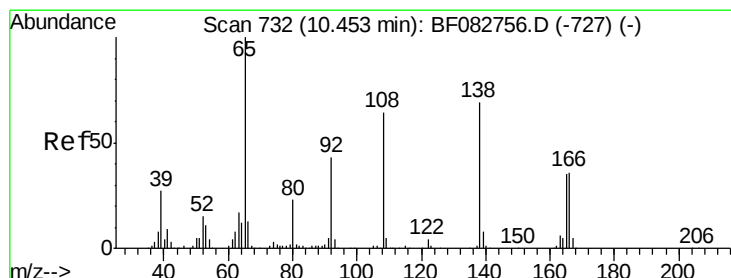
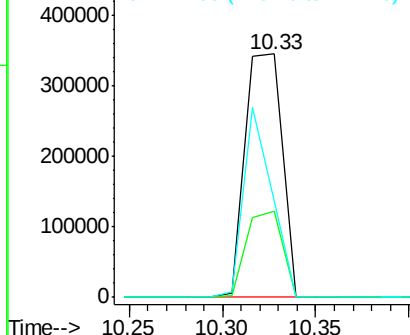
141 39.6 44.6 66.8#

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



#61

4-Nitroaniline

Concen: 41.29 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

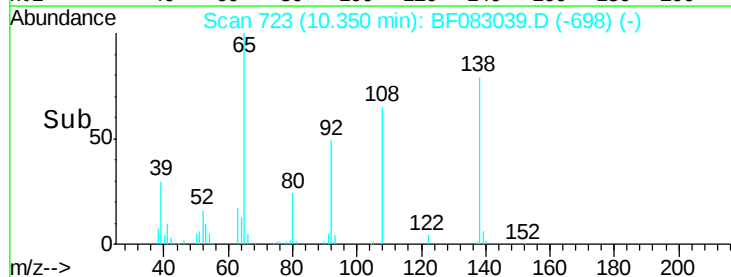
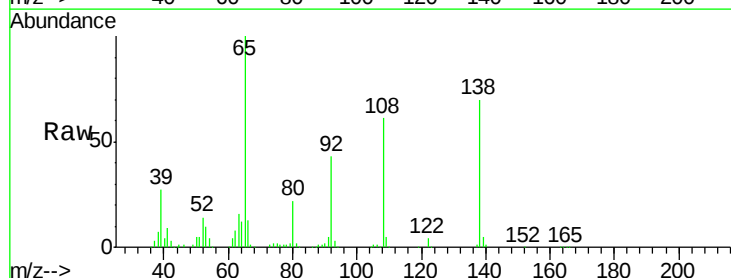
Tgt Ion: 138 Resp: 300605

Ion Ratio Lower Upper

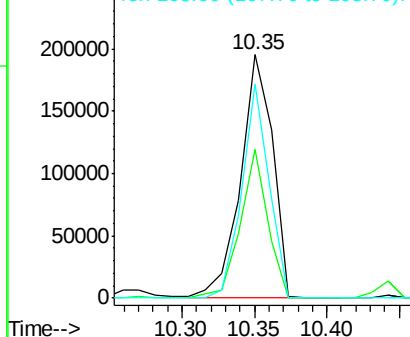
138 100

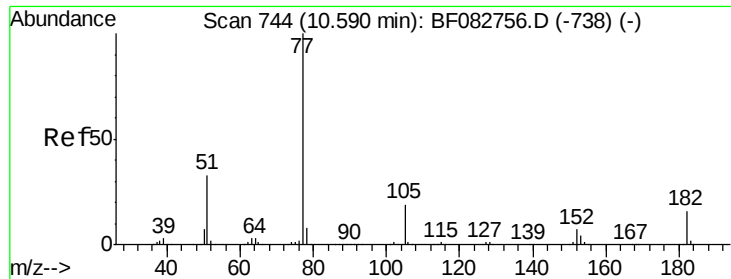
92 61.4 45.8 85.8

108 88.2 89.4 129.4#



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





#62

Azobenzene

Concen: 35.11 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083039.D

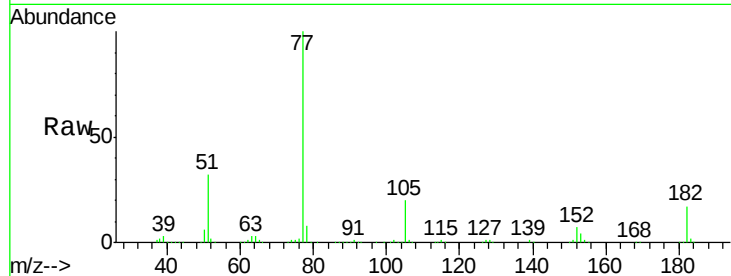
Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 77 Resp: 1135970

Ion Ratio Lower Upper

77 100

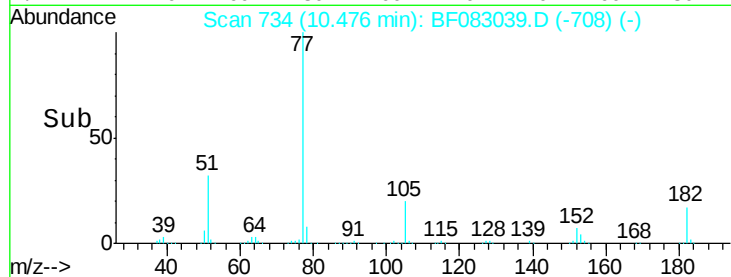
182 16.5 9.3 49.3

105 20.4 2.6 42.6

51 31.7 9.9 49.9

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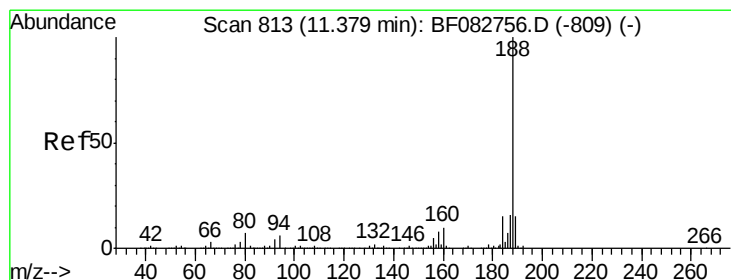
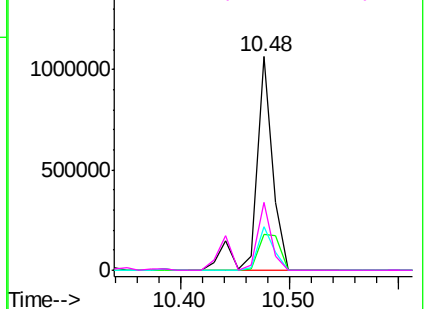


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

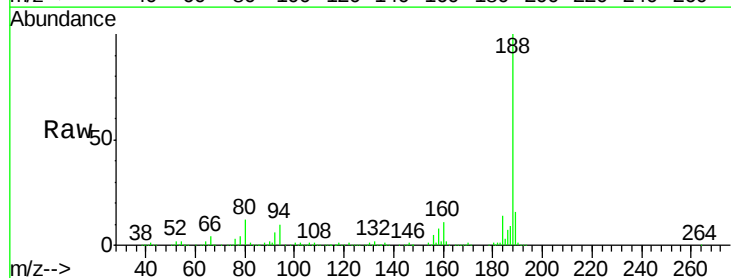
Tgt Ion: 188 Resp: 609649

Ion Ratio Lower Upper

188 100

94 10.2 6.1 9.1#

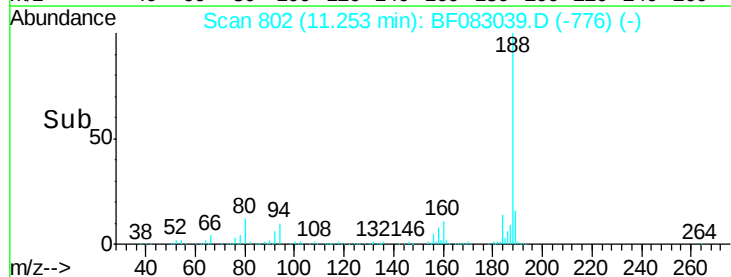
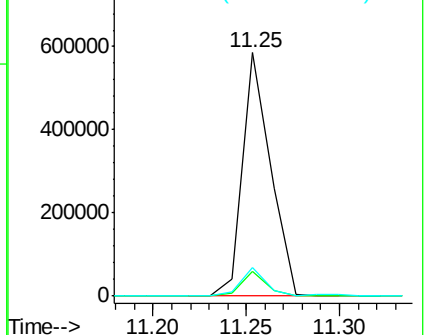
80 11.8 7.0 10.6#

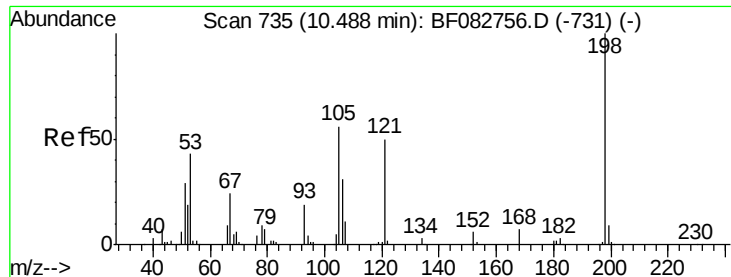


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





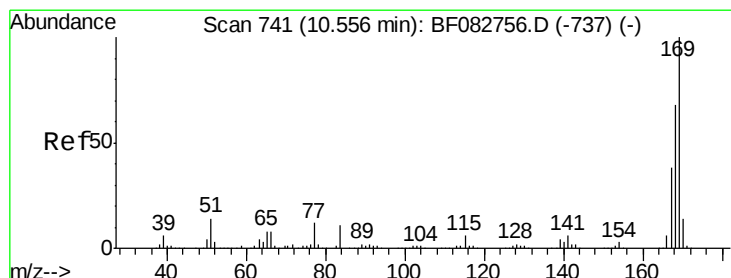
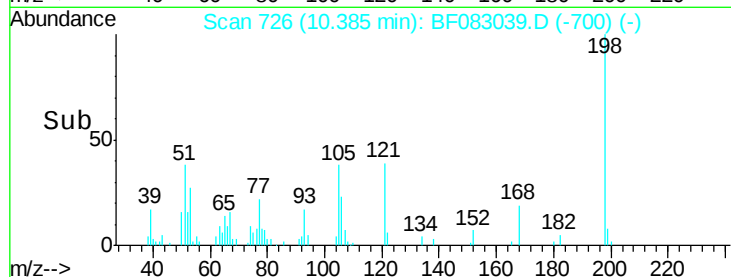
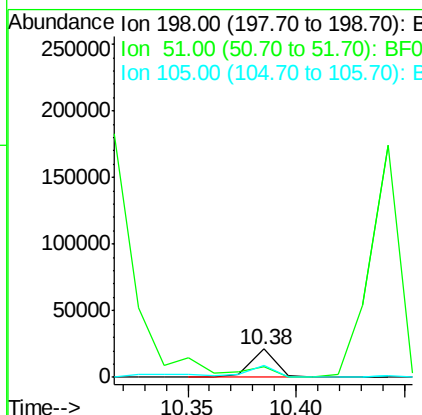
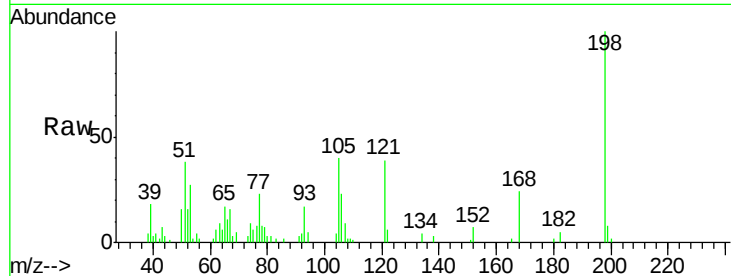
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.89 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.5	17.3	57.3
105	40.1	21.7	61.7

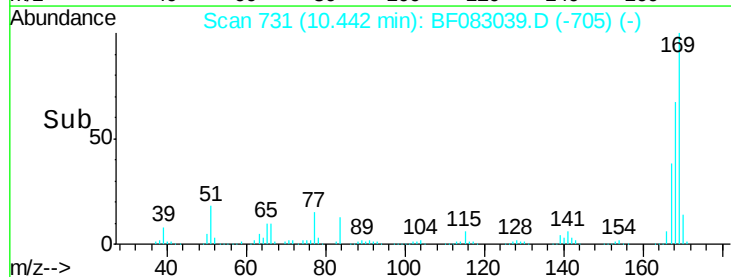
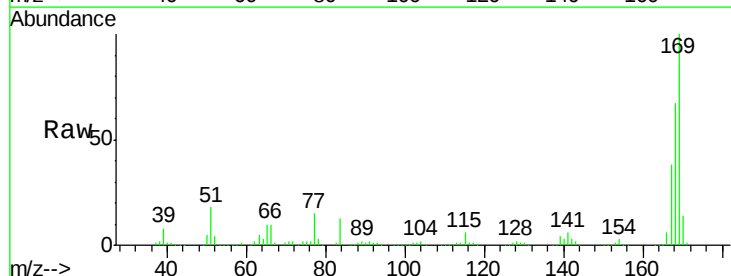
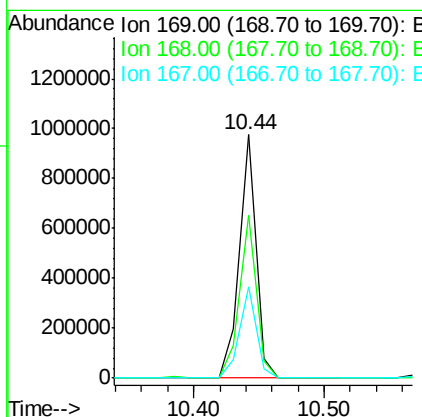
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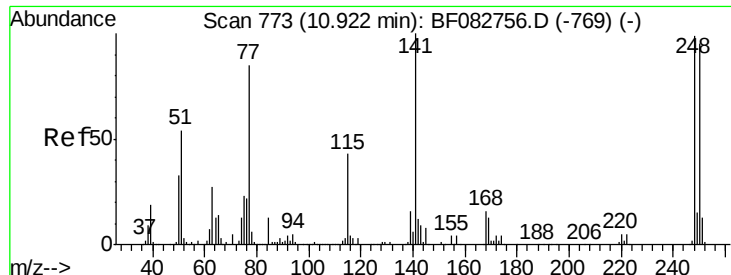
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#65
 n-Nitrosodiphenylamine
 Concen: 39.08 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	55.0	82.6
167	37.7	30.5	45.7





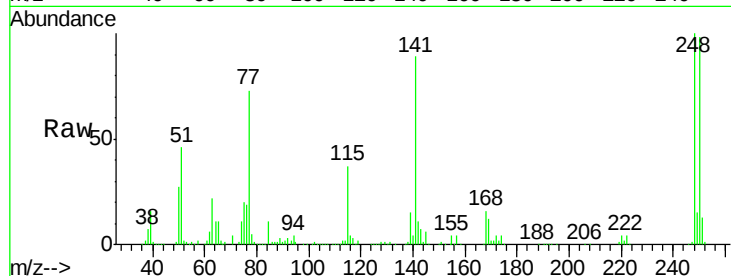
#66
4-Bromophenyl-phenylether
Concen: 37.69 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

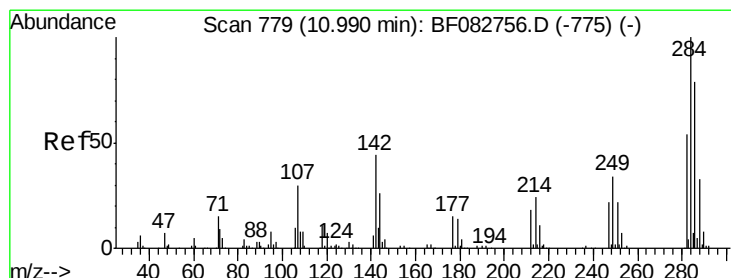
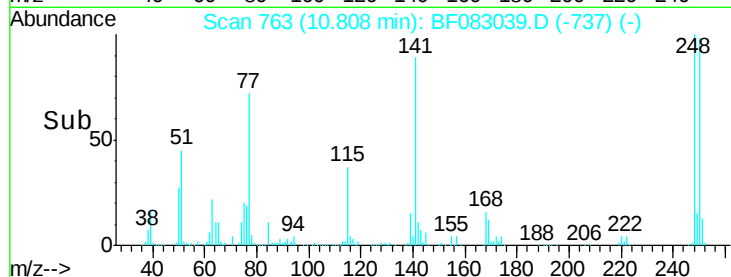
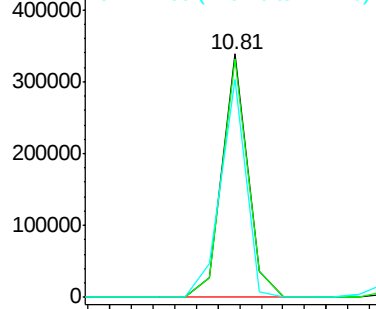
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.4	119.2
141	89.3	36.3	54.5#

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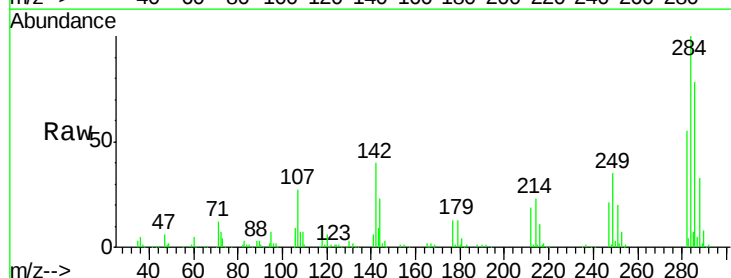


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

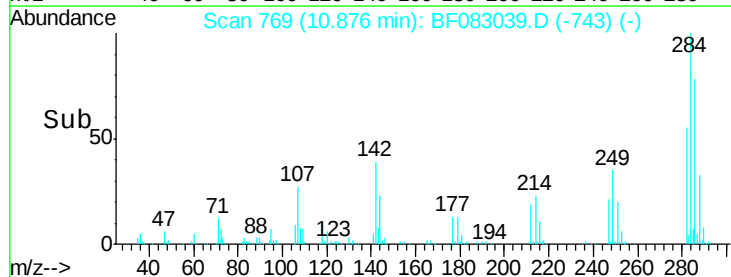
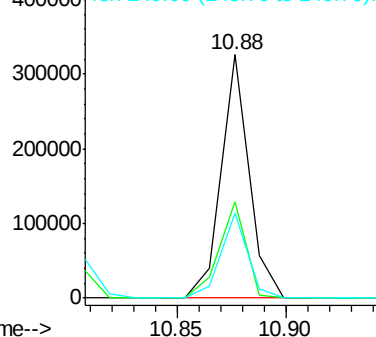


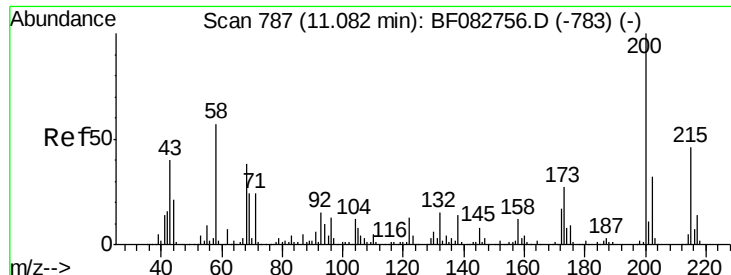
#67
Hexachlorobenzene
Concen: 35.38 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	47.9	71.9#
249	34.7	29.7	44.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





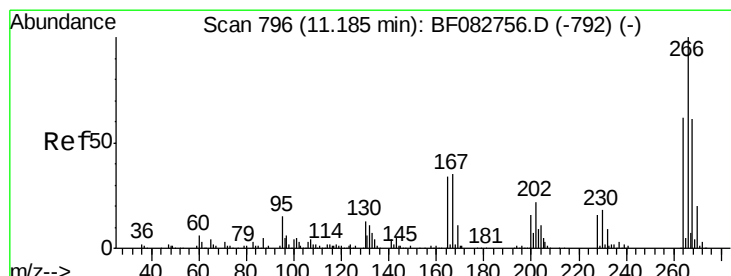
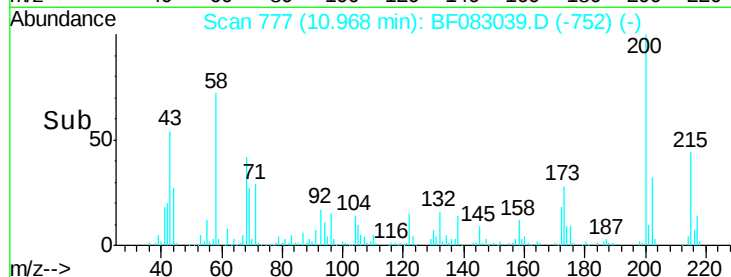
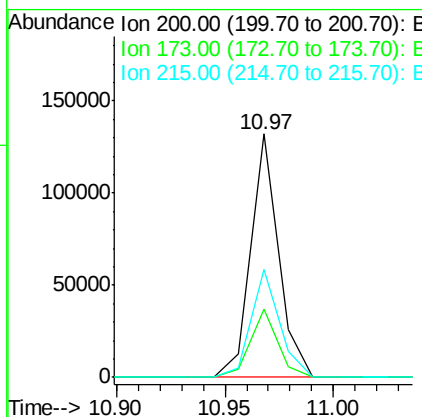
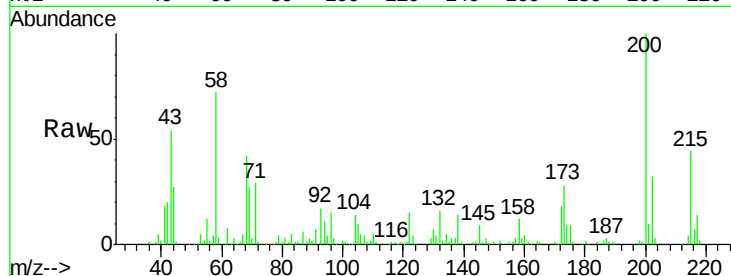
#68
 Atrazine
 Concen: 17.15 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	6.9	46.9
215	44.2	22.9	62.9

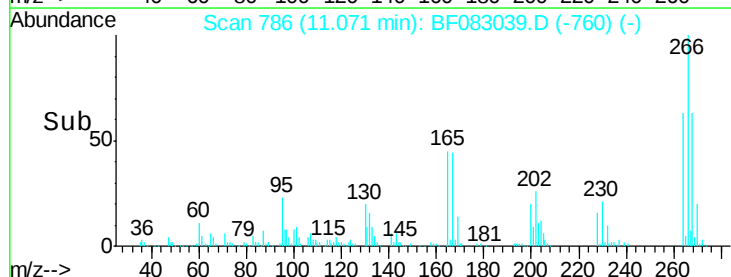
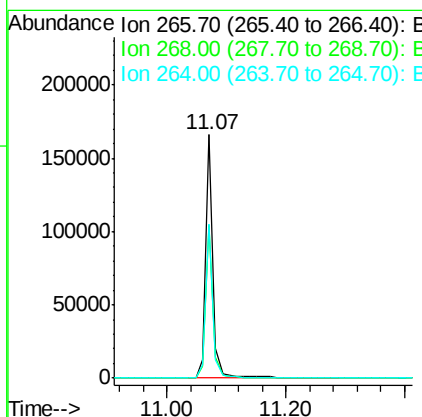
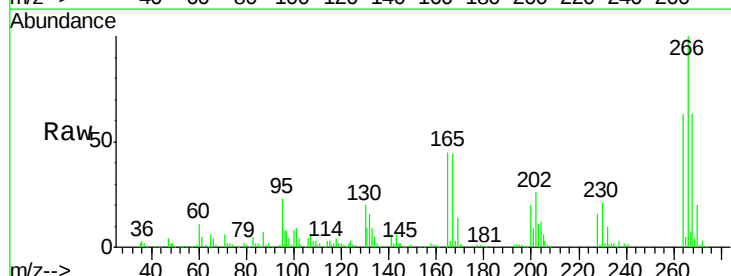
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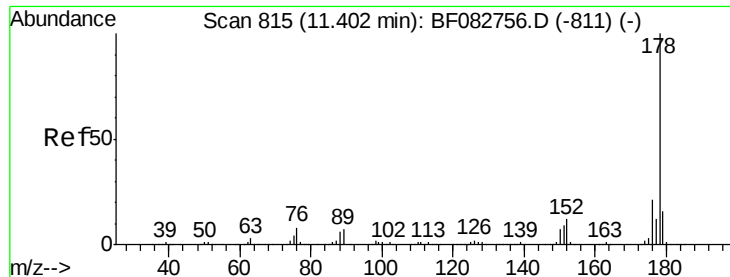
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#69
 Pentachlorophenol
 Concen: 29.37 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF083039.D
 Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.5	51.0	76.6
264	63.5	50.6	75.8





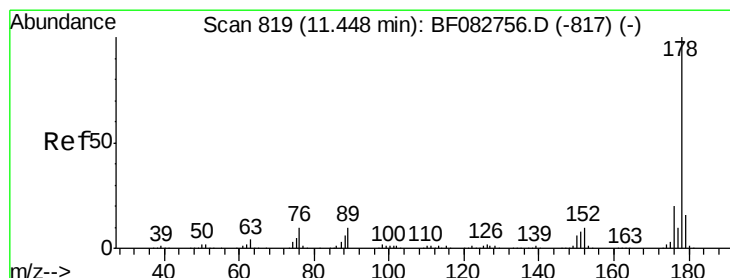
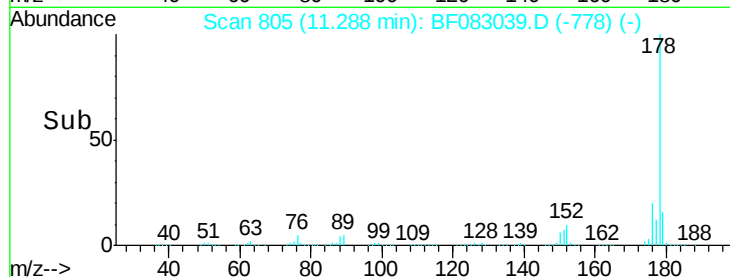
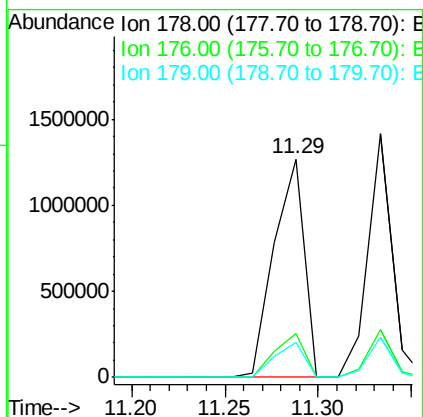
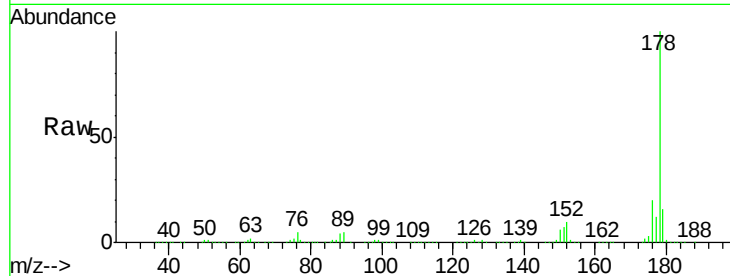
#70
Phenanthrene
Concen: 40.41 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 1430679
Ion Ratio Lower Upper
178 100
176 20.3 17.0 25.4
179 15.9 13.4 20.0

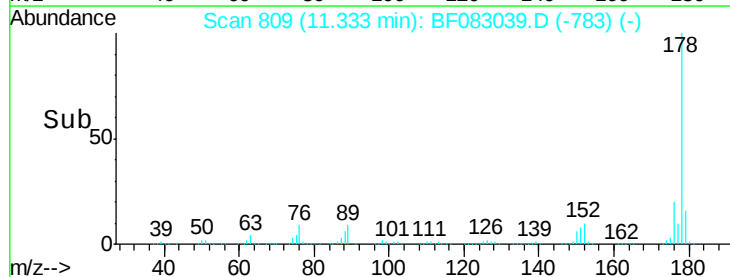
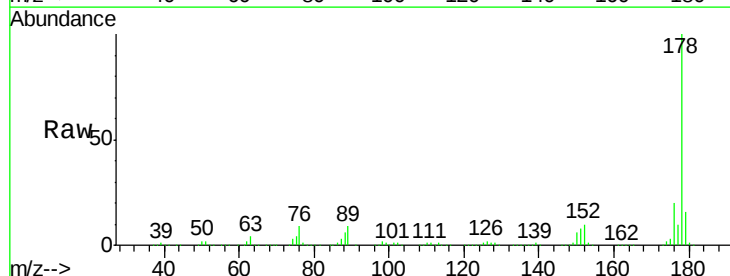
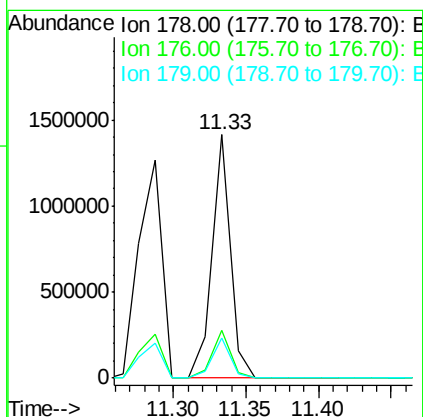
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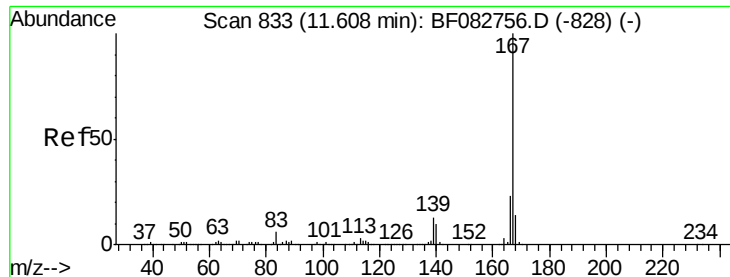
Mmdadoda
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#71
Anthracene
Concen: 33.54 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion:178 Resp: 1250802
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 16.4 13.2 19.8





#72

Carbazole

Concen: 38.94 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

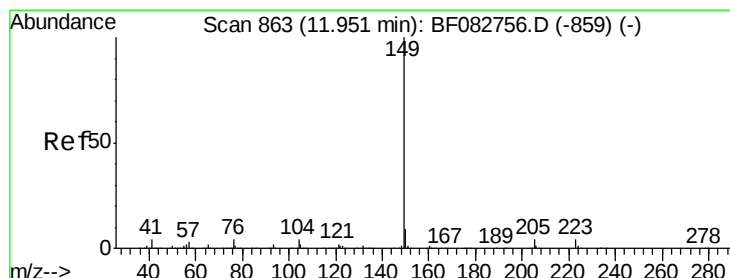
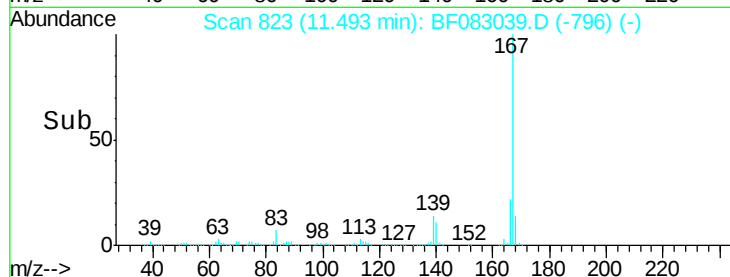
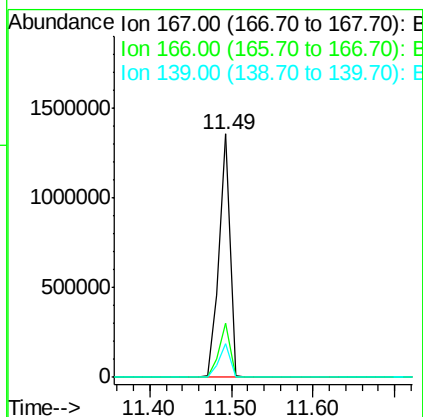
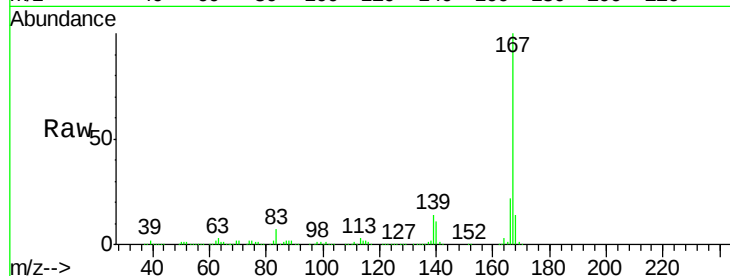
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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Tgt Ion:167 Resp: 1271208
Ion Ratio Lower Upper
167 100
166 22.4 18.7 28.1
139 13.7 11.8 17.6



#73

Di-n-butylphthalate

Concen: 43.06 ng

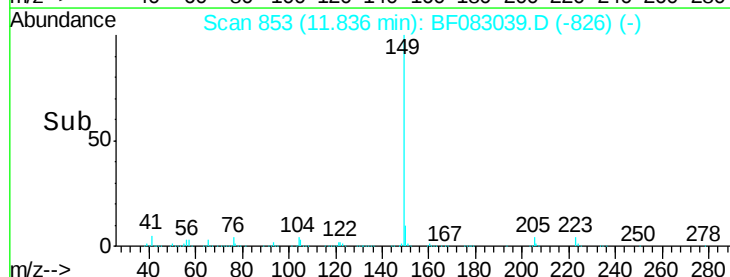
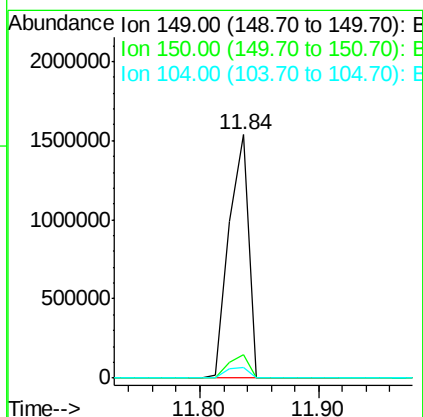
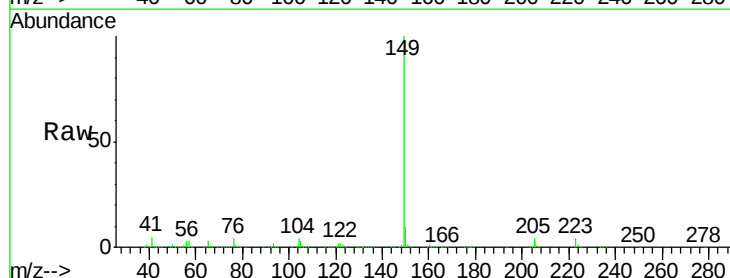
RT: 11.84 min Scan# 853

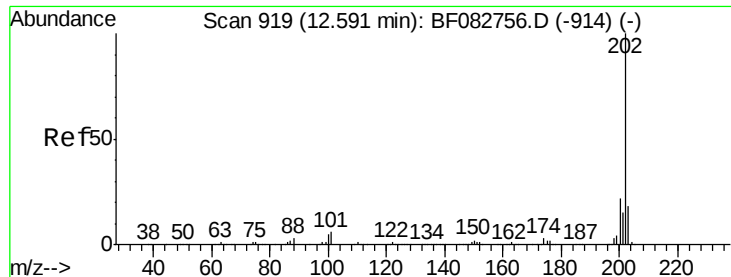
Delta R.T. 0.01 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:149 Resp: 1751592
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 4.4 5.2 7.8#





#74

Fluoranthene

Concen: 30.75 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

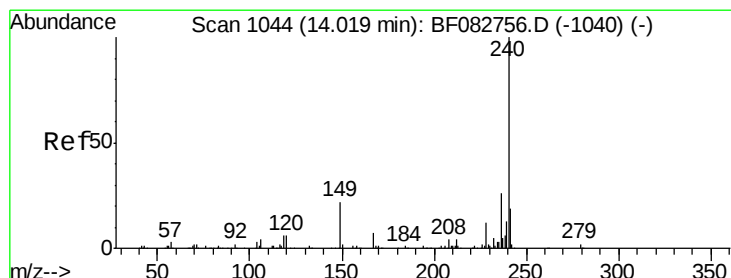
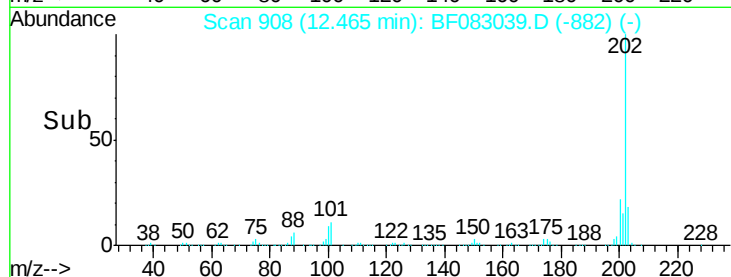
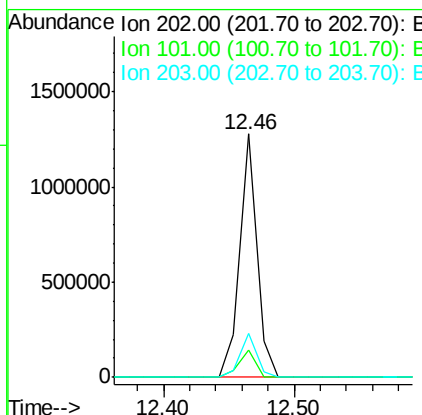
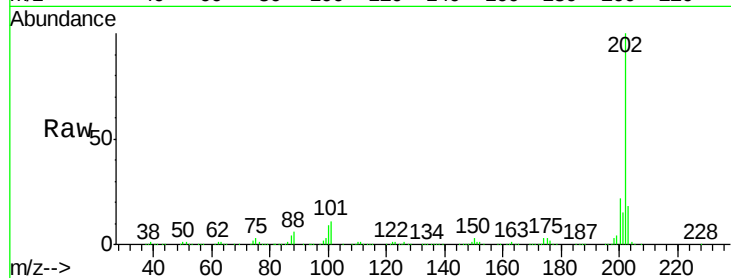
ClientSampleId :

SSTDCCC040EC

Tgt	Ion	202	Resp	1168159
Ion	Ratio	Lower	Upper	
202	100			
101	11.2	0.0	30.5	
203	18.3	0.0	38.5	

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#75

Chrysene-d12

Concen: 20.00 ng

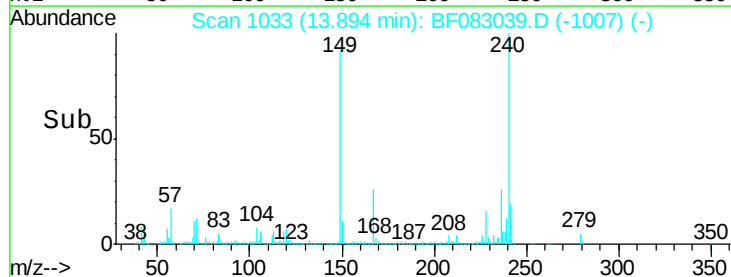
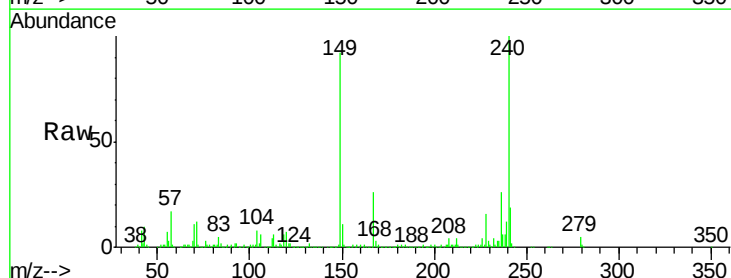
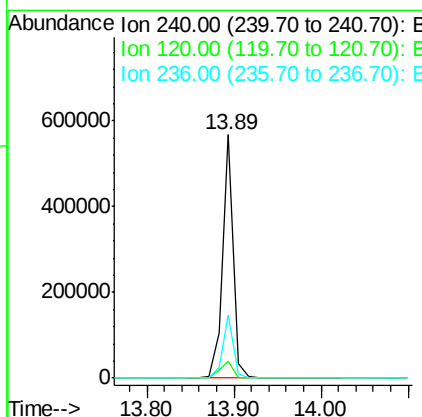
RT: 13.89 min Scan# 1033

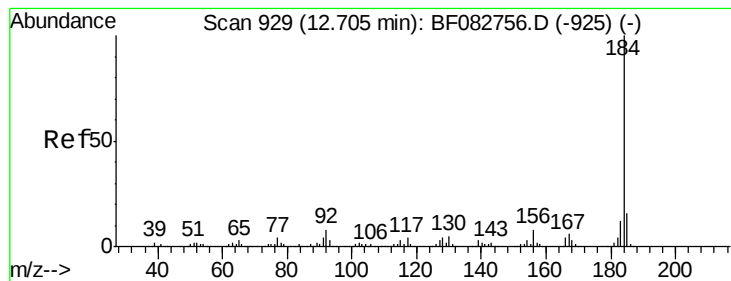
Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt	Ion	240	Resp	491560
Ion	Ratio	Lower	Upper	
240	100			
120	7.2	10.9	16.3#	
236	26.2	21.6	32.4	





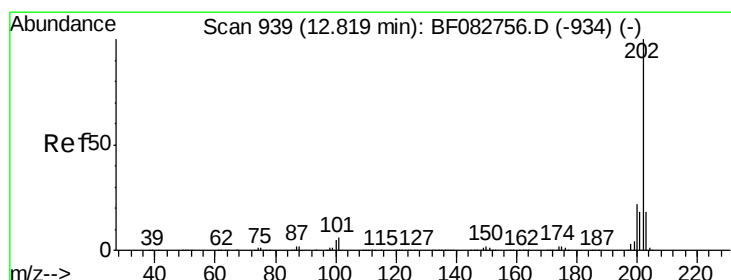
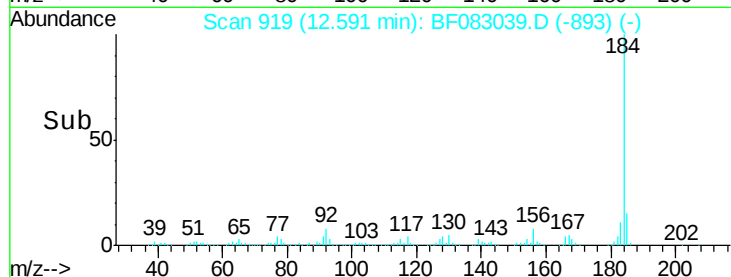
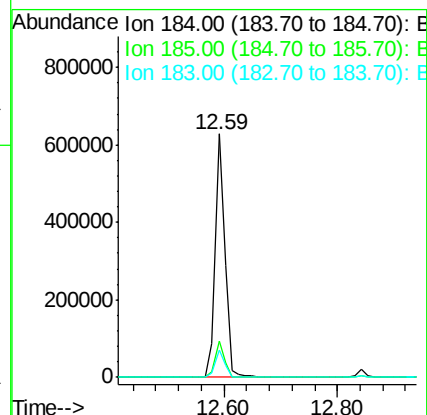
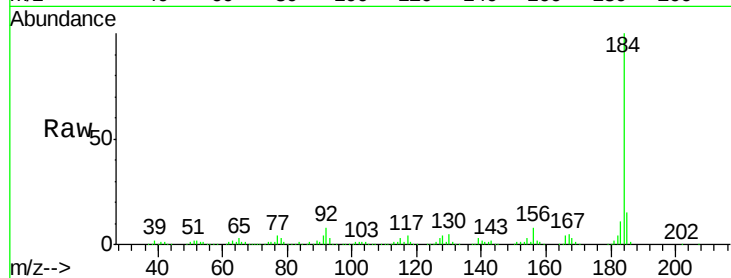
#76
Benzidine
Concen: 43.72 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.0	18.0
183	11.3	9.6	14.4

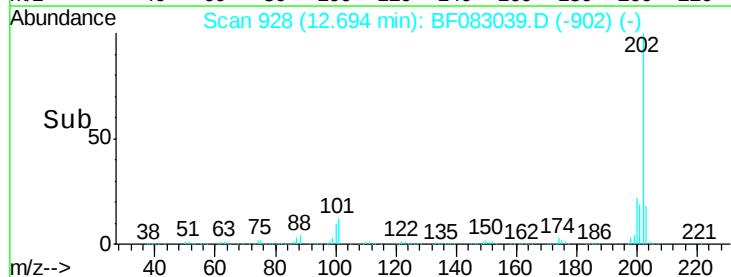
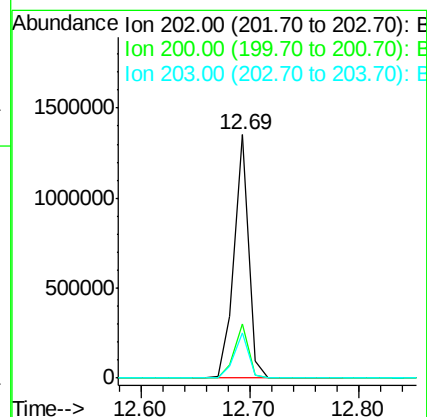
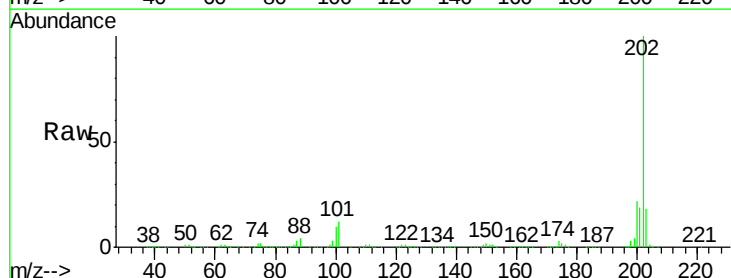
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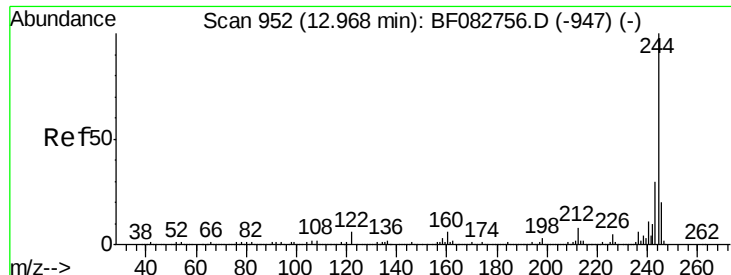
Mmdadoda
11/19/2015 6:45:24 PM



#77
Pyrene
Concen: 36.59 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.3	14.8	22.2





#78

Terphenyl-d14

Concen: 67.49 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 1398752

Ion Ratio Lower Upper

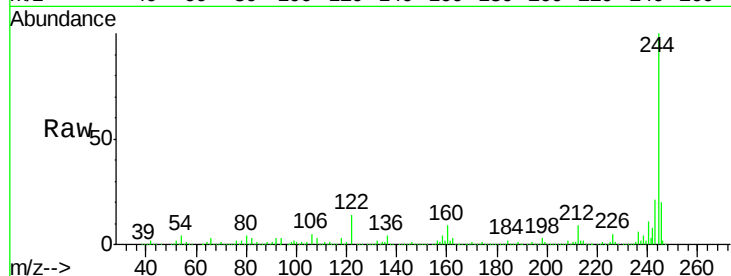
244 100

212 8.5 7.6 11.4

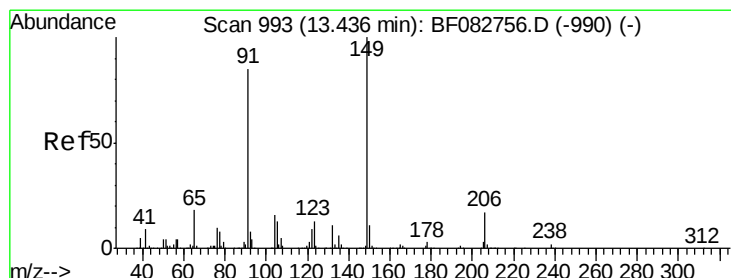
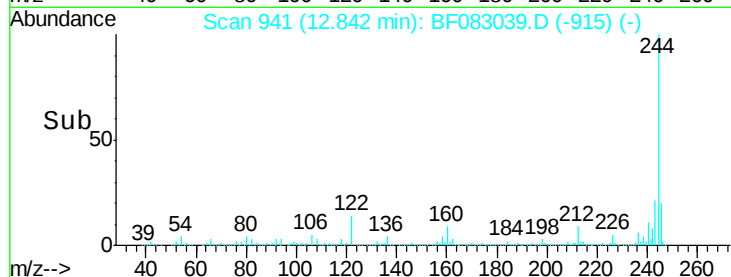
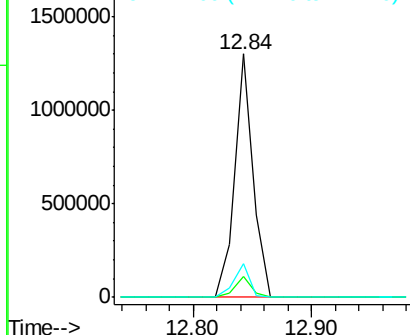
122 13.9 11.3 16.9

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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: 43.20 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

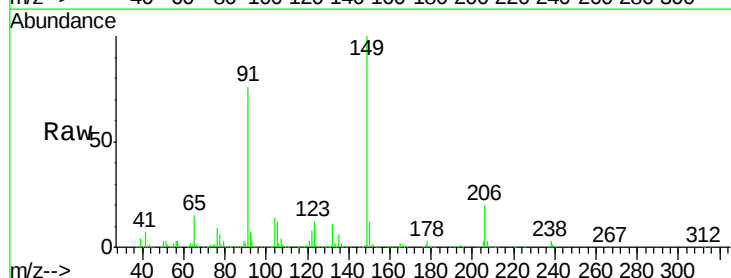
Tgt Ion:149 Resp: 644192

Ion Ratio Lower Upper

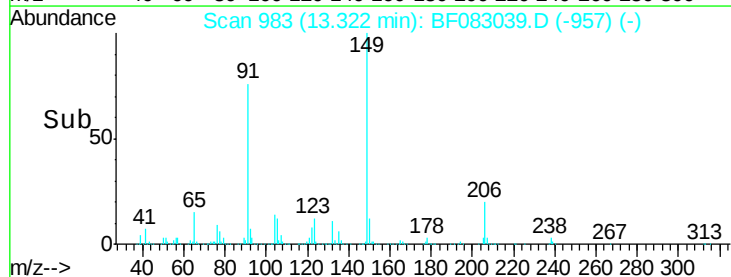
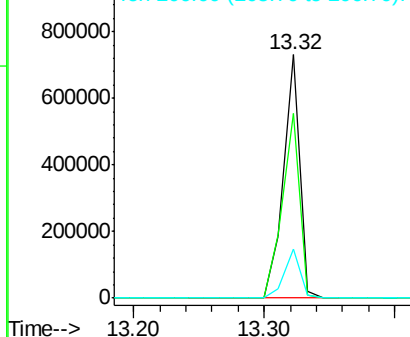
149 100

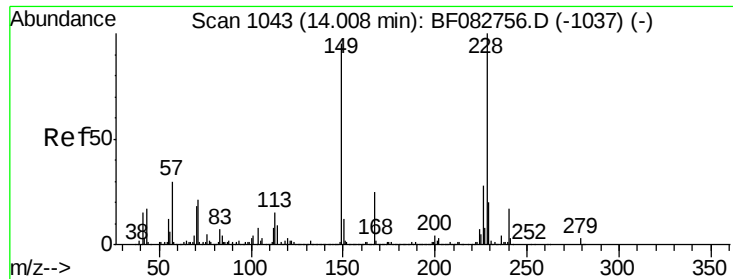
91 75.8 67.7 101.5

206 19.9 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





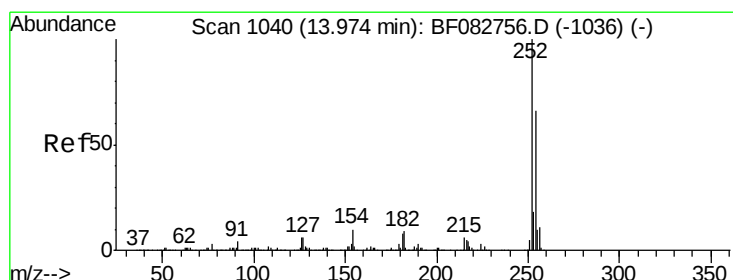
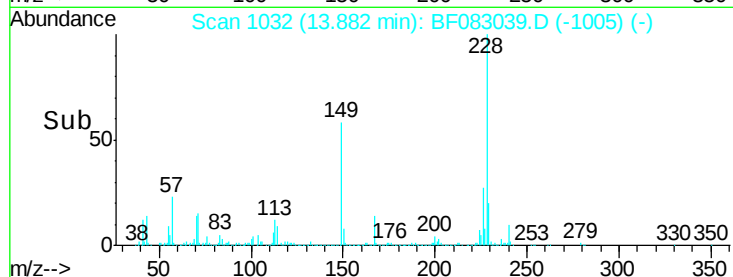
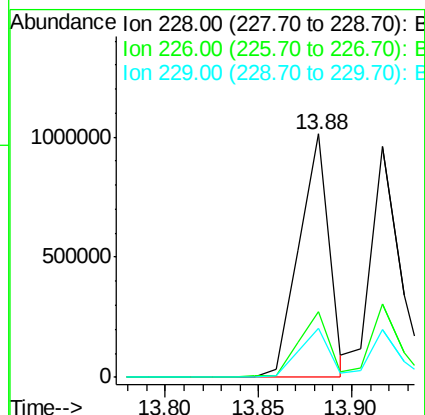
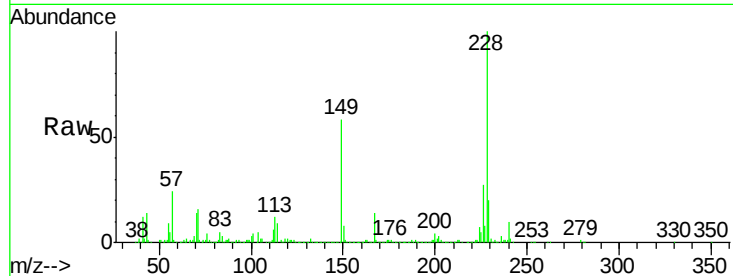
#80
Benzo(a)anthracene
Concen: 37.21 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.2
229	20.0	16.3	24.5

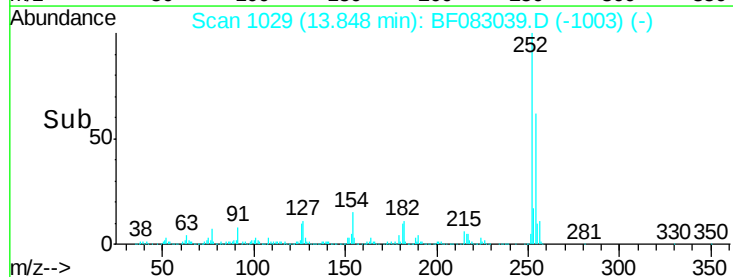
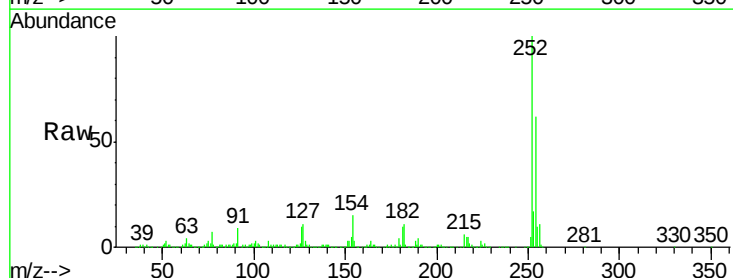
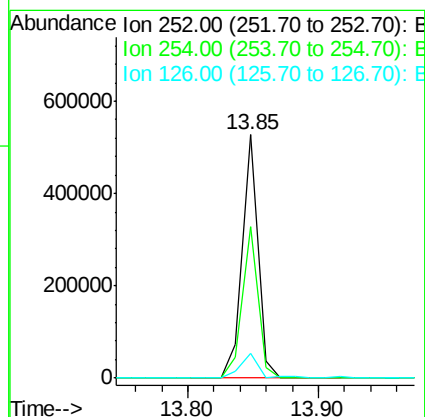
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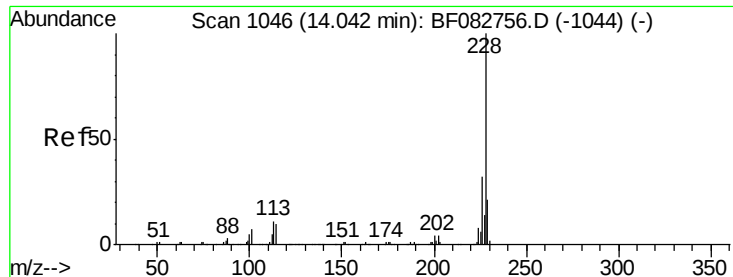
Mmdadoda
11/19/2015 6:45:24 PM



#81
3,3'-Dichlorobenzidine
Concen: 40.23 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.4	77.0
126	10.1	10.7	16.1





#82

Chrysene

Concen: 35.14 ng m

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Instrument :

BNA_F

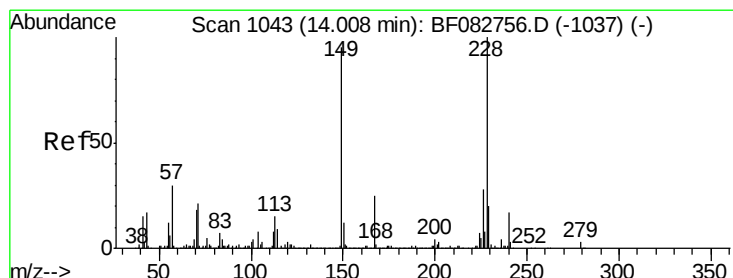
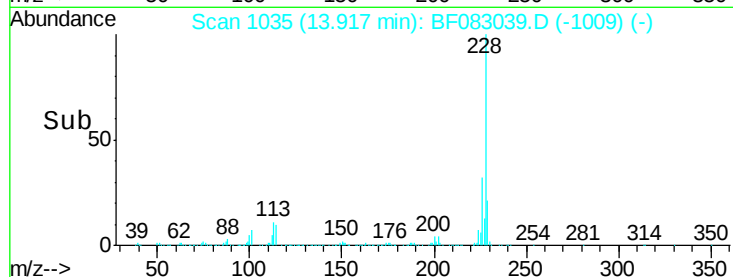
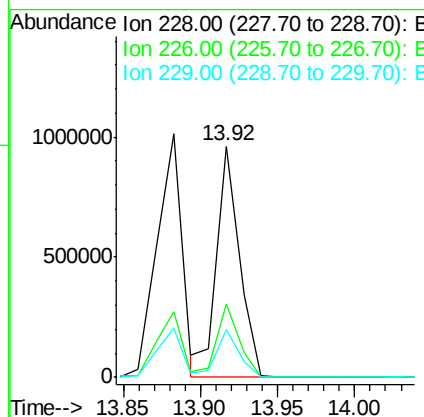
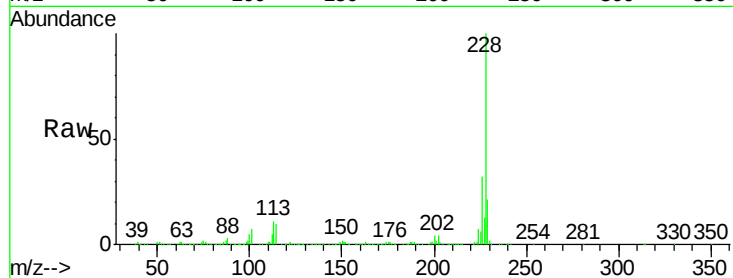
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	228	Resp:	989225
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.5	38.3
229	20.8	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 38.49 ng

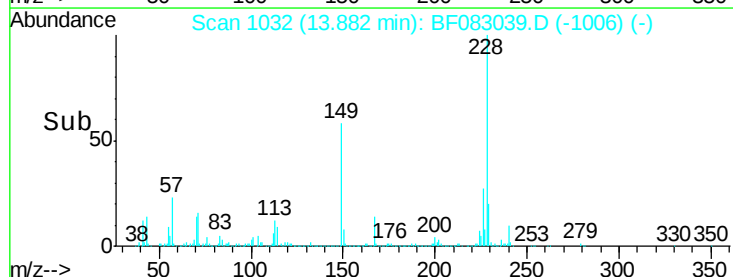
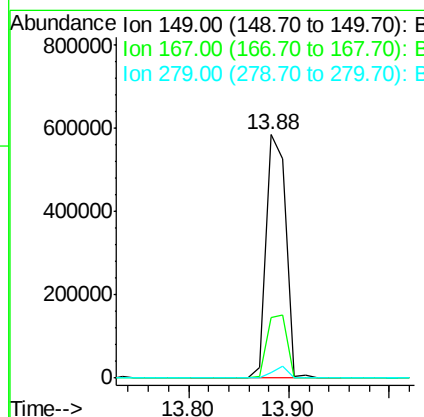
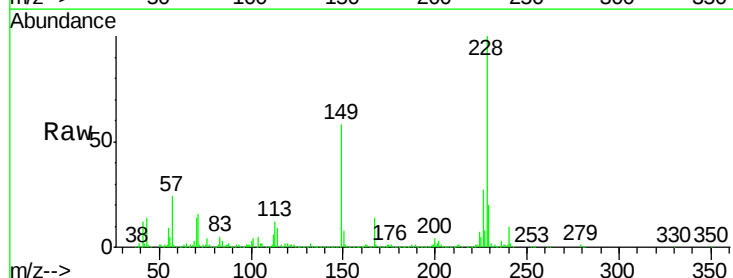
RT: 13.88 min Scan# 1032

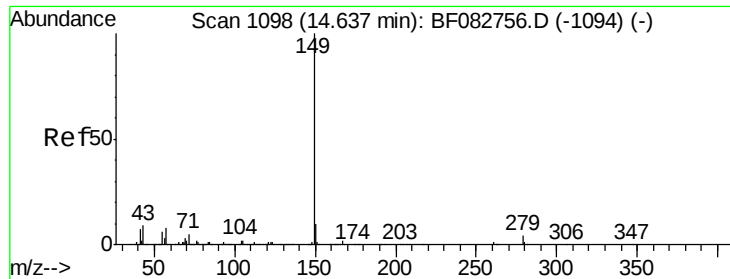
Delta R.T. -0.00 min

Lab File: BF083039.D

Acq: 19 Nov 2015 6:12

Tgt Ion:	149	Resp:	785723
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.2	31.8
279	2.1	2.2	3.2#





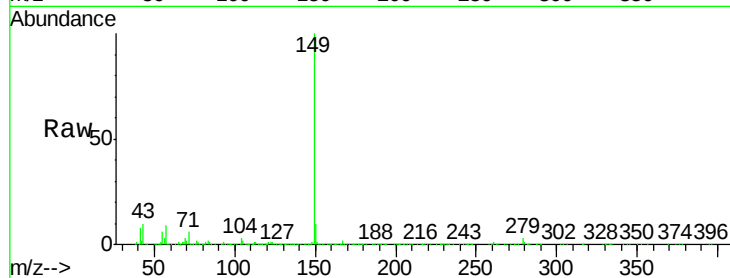
#84
Di-n-octyl phthalate
Concen: 41.14 ng
RT: 14.50 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

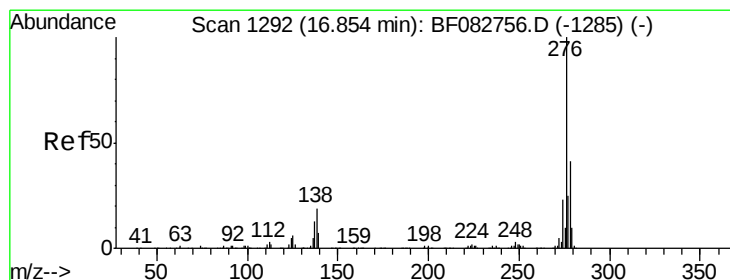
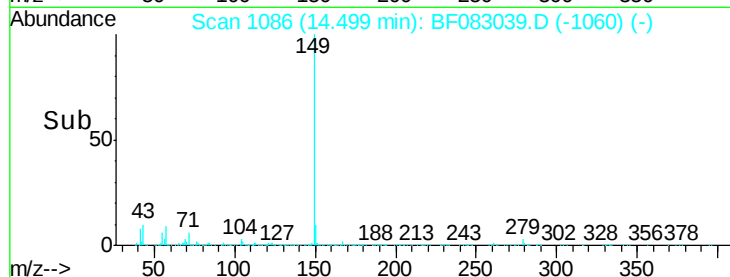
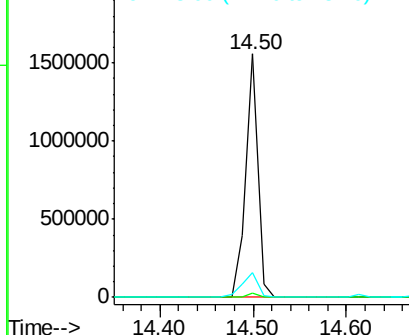
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.1	10.1	15.1

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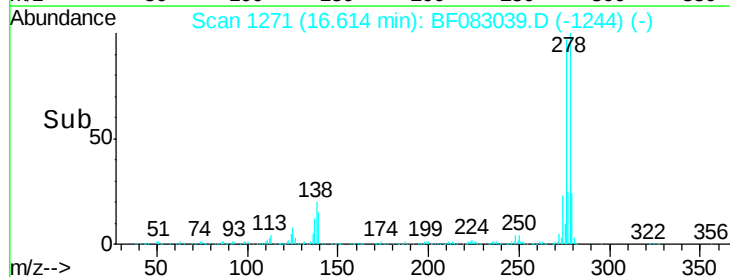
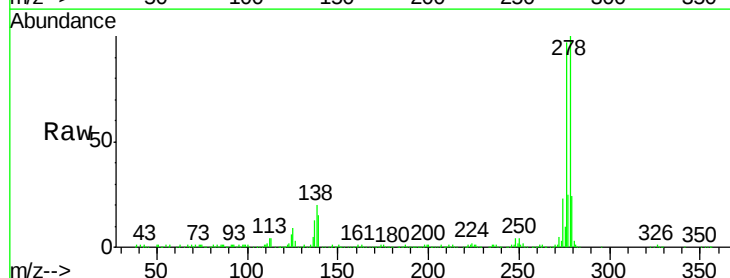
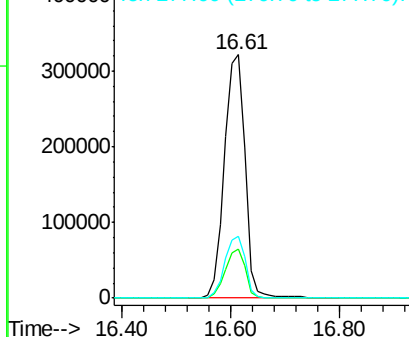
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

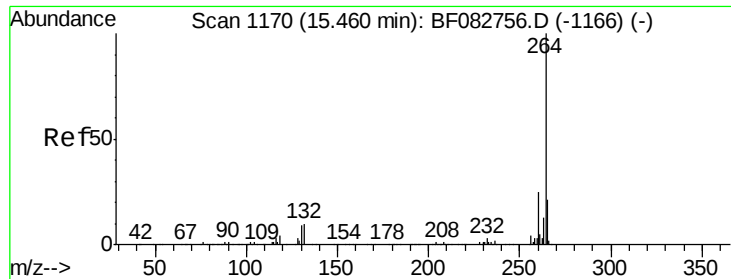


#85
Indeno(1,2,3-cd)pyrene
Concen: 35.03 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.3	22.9
277	25.3	20.2	30.4

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





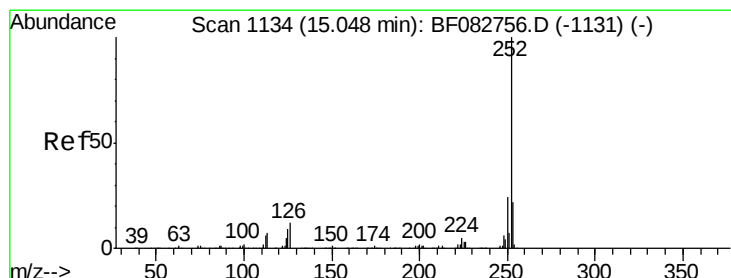
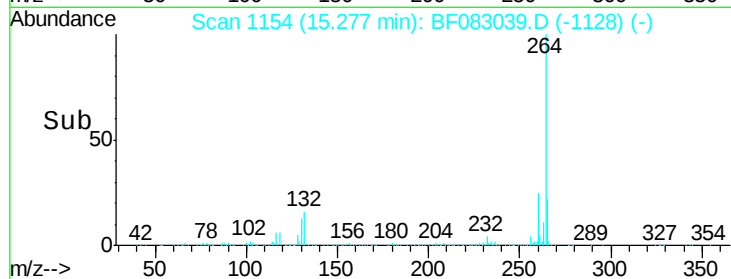
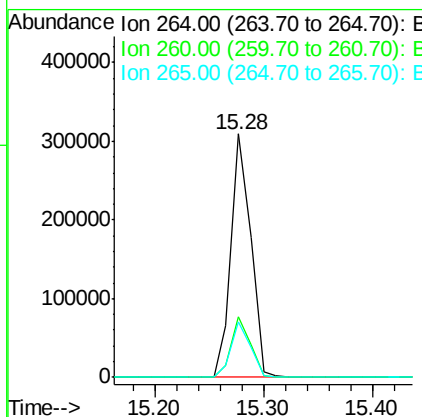
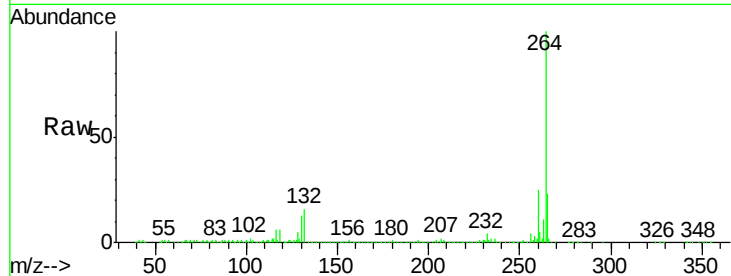
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	22.6	17.4	26.0

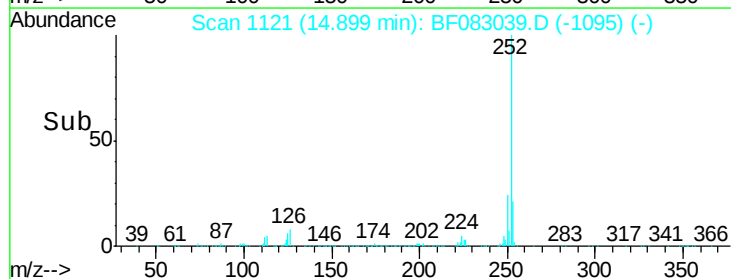
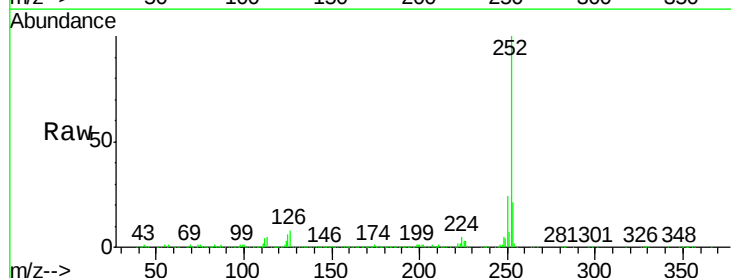
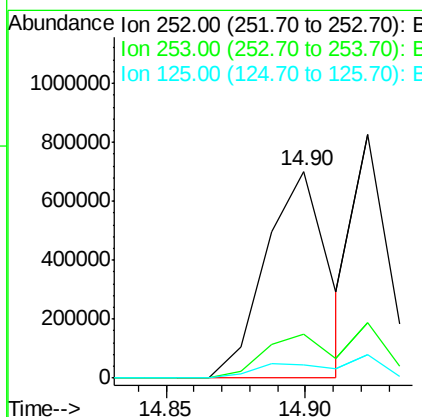
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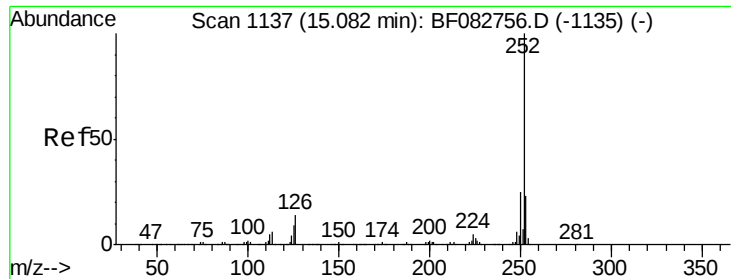
Mmdadoda
11/19/2015 6:45:24 PM



#87
Benzo(b)fluoranthene
Concen: 43.63 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	6.5	5.4	8.2





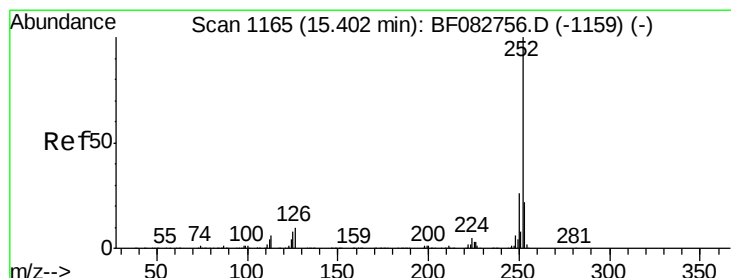
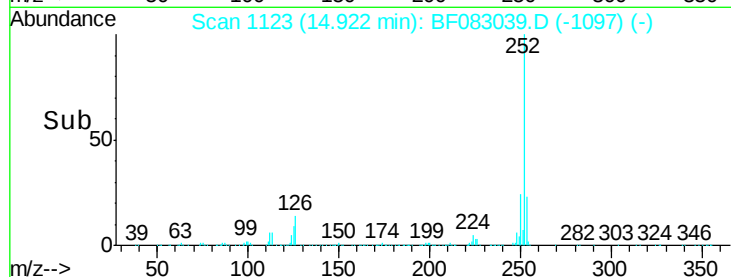
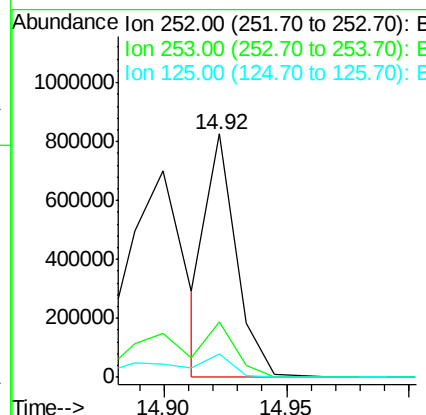
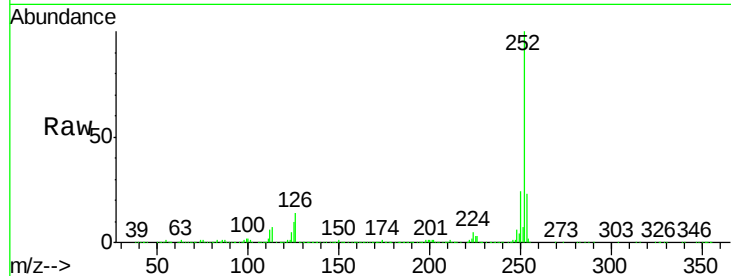
#88
Benzo(k)fluoranthene
Concen: 31.80 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.5	3.5	5.3

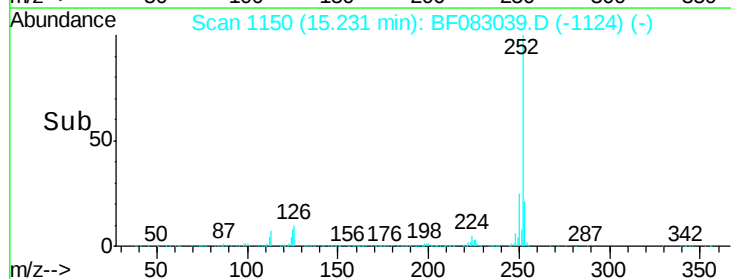
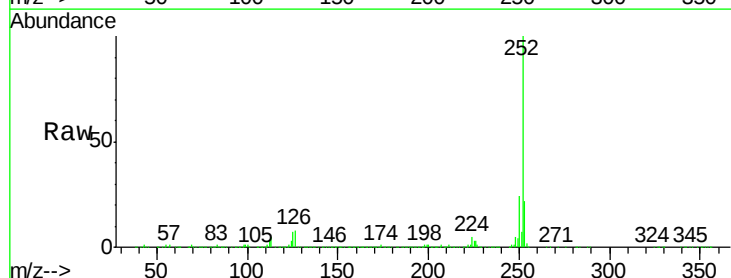
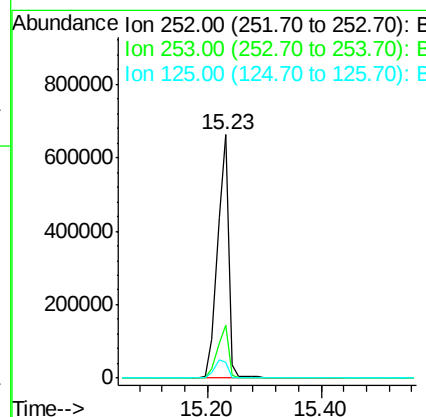
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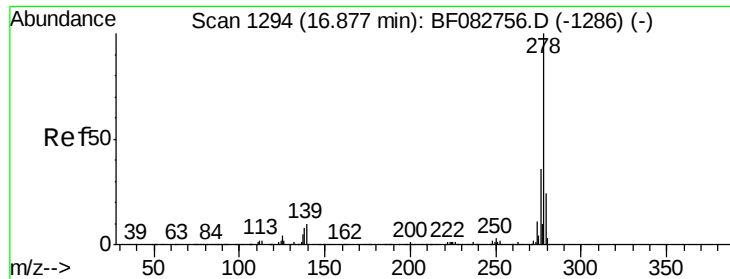
Mmdadoda
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#89
Benzo(a)pyrene
Concen: 40.03 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.7	7.1	10.7





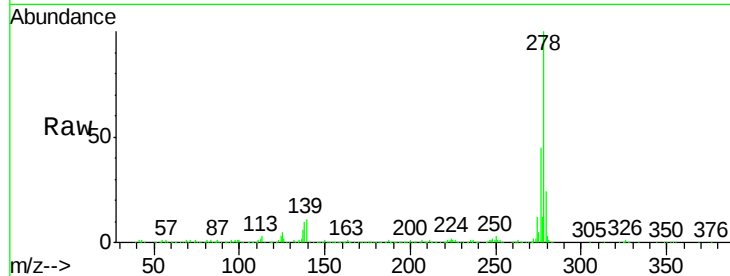
#90
Dibenzo(a,h)anthracene
Concen: 38.93 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

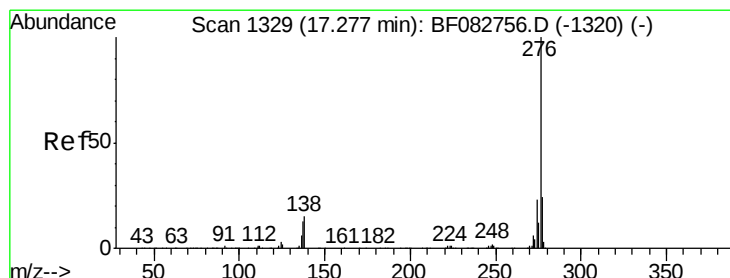
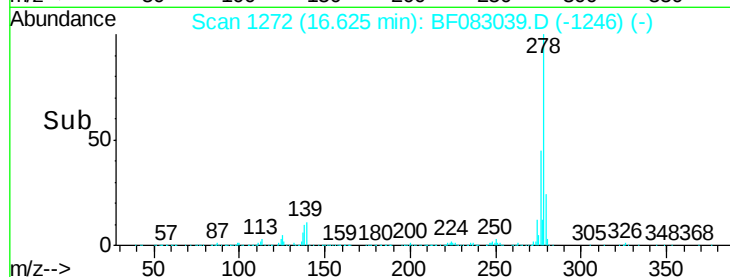
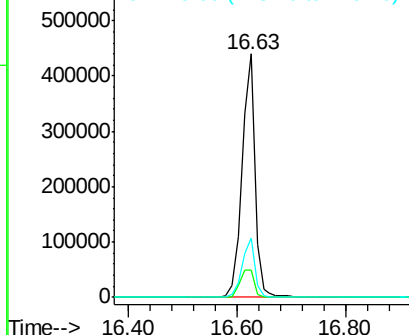
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.9	14.9
279	24.2	19.6	29.4

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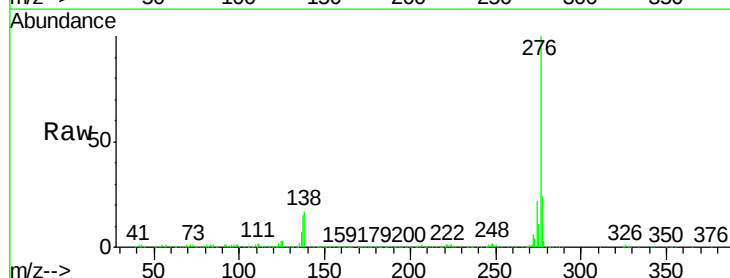


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 37.14 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF083039.D
Acq: 19 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	16.8	13.1	19.7



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

