

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
 Data File : BF086896.D
 Acq On : 11 May 2016 19:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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umangi
 5/12/2016 9:10:00 AM

Quant Time: May 12 01:03:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	243062	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	987289	20.00	ng	-0.07
38) Acenaphthene-d10	9.68	164	475814	20.00	ng	-0.05
63) Phenanthrene-d10	11.15	188	892839	20.00	ng	-0.05
75) Chrysene-d12	13.78	240	668323	20.00	ng	-0.05
86) Perylene-d12	15.13	264	560795	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1133880	79.00	ng	-0.07
7) Phenol-d6	6.31	99	1398482	72.91	ng	-0.05
23) Nitrobenzene-d5	7.22	82	1570974	79.90	ng	-0.04
41) 2,4,6-Tribromophenol	10.47	330	437210	86.79	ng	-0.05
44) 2-Fluorobiphenyl	9.00	172	1909891	67.46	ng	-0.05
78) Terphenyl-d14	12.73	244	2208640	70.12	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	267061	37.90	ng	# 71
3) Pyridine	2.73	79	703731	40.85	ng	# 65
4) n-Nitrosodimethylamine	2.71	42	507787	40.65	ng	# 51
6) Aniline	6.31	93	856628	36.92	ng	# 72
8) 2-Chlorophenol	6.42	128	619636	35.78	ng	# 81
9) Benzaldehyde	6.18	77	395558	35.61	ng	99
10) Phenol	6.32	94	892685	39.15	ng	75
11) bis(2-Chloroethyl)ether	6.39	93	711216	40.01	ng	90
12) 1,3-Dichlorobenzene	6.57	146	649267m	34.64	ng	
13) 1,4-Dichlorobenzene	6.65	146	666574m	34.88	ng	
14) 1,2-Dichlorobenzene	6.81	146	614895	36.91	ng	97
15) Benzyl Alcohol	6.80	79	501607	37.87	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1292402	33.44	ng	56
17) 2-Methylphenol	6.92	107	522910	37.94	ng	# 79
18) Hexachloroethane	7.14	117	259940	36.15	ng	100
19) n-Nitroso-di-n-propylamine	7.07	70	459523	34.28	ng	# 70
20) 3+4-Methylphenols	7.08	107	682961	37.94	ng	# 60
22) Acetophenone	7.06	105	881768	37.81	ng	# 97
24) Nitrobenzene	7.23	77	734594	36.32	ng	96
25) Isophorone	7.47	82	1397437	38.31	ng	99
26) 2-Nitrophenol	7.55	139	352831	39.69	ng	92
27) 2,4-Dimethylphenol	7.61	122	573305	37.85	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	736902	37.45	ng	98
29) 2,4-Dichlorophenol	7.79	162	504316	37.83	ng	94
30) 1,2,4-Trichlorobenzene	7.87	180	577211	38.73	ng	99
31) Naphthalene	7.94	128	1710059	34.58	ng	98
32) Benzoic acid	7.78	122	355360	39.95	ng	# 78
33) 4-Chloroaniline	8.01	127	773274	40.24	ng	# 94
34) Hexachlorobutadiene	8.07	225	340196	39.34	ng	99
35) Caprolactam	8.41	113	175466	38.69	ng	# 48
36) 4-Chloro-3-methylphenol	8.51	107	637380	39.43	ng	94
37) 2-Methylnaphthalene	8.64	142	1186508	41.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	495229	35.80	ng	99
40) Hexachlorocyclopentadiene	8.79	237	270631	41.21	ng	95

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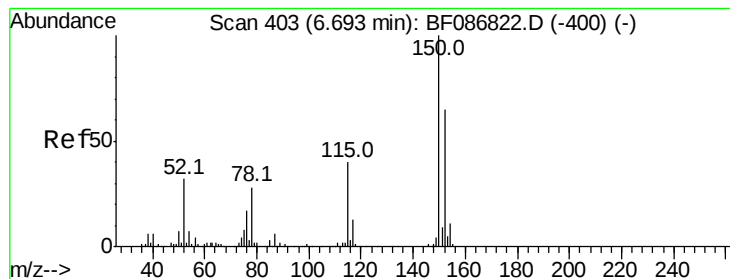
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	347827	37.60	nq	95
43) 2,4,5-Trichlorophenol	8.97	196	366284	38.29	nq	# 87
45) 1,1'-Biphenyl	9.11	154	1509296	39.88	nq	97
46) 2-Chloronaphthalene	9.13	162	1160884	39.15	nq	99
47) 2-Nitroaniline	9.23	65	414029	38.21	nq	# 77
48) Acenaphthylene	9.54	152	1696642	38.90	nq	99
49) Dimethylphthalate	9.42	163	1379164	37.99	nq	99
50) 2,6-Dinitrotoluene	9.48	165	332316	43.50	nq	# 83
51) Acenaphthene	9.71	154	1123010	41.39	nq	99
52) 3-Nitroaniline	9.66	138	345733	42.99	nq	92
53) 2,4-Dinitrophenol	9.76	184	165745	46.06	nq	86
54) Dibenzofuran	9.88	168	1343297	38.57	nq	98
55) 4-Nitrophenol	9.84	139	201600	40.01	nq	90
56) 2,4-Dinitrotoluene	9.88	165	380897	40.29	nq	93
57) Fluorene	10.23	166	1082712	36.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	290622	40.35	nq	96
59) Diethylphthalate	10.11	149	1252320	35.40	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	502830	37.26	nq	95
61) 4-Nitroaniline	10.27	138	301203	38.99	nq	# 72
62) Azobenzene	10.38	77	1474790	38.64	nq	87
64) 4,6-Dinitro-2-methylphenol	10.30	198	251248	45.30	nq	91
65) n-Nitrosodiphenylamine	10.34	169	954016	34.78	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	360005	39.77	nq	# 77
67) Hexachlorobenzene	10.76	284	392999	37.15	nq	# 81
68) Atrazine	10.88	200	356485	38.90	nq	95
69) Pentachlorophenol	10.97	266	222509	45.51	nq	97
70) Phenanthrene	11.18	178	1609269	33.77	nq	99
71) Anthracene	11.23	178	1807652	37.10	nq	99
72) Carbazole	11.39	167	1697473	40.52	nq	99
73) Di-n-butylphthalate	11.73	149	1854609	36.25	nq	# 98
74) Fluoranthene	12.35	202	1596074	32.57	nq	99
76) Benzidine	12.49	184	810360	47.56	nq	98
77) Pyrene	12.58	202	1705625	33.34	nq	99
79) Butylbenzylphthalate	13.21	149	771778	35.66	nq	# 72
80) Benzo(a)anthracene	13.77	228	1374931	36.65	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	985775	41.35	nq	# 95
82) Chrysene	13.81	228	1315661	34.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	904787	34.76	nq	97
84) Di-n-octyl phthalate	14.38	149	1733162	40.19	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.40	276	1156892	36.43	nq	95
87) Benzo(b)fluoranthene	14.77	252	1256046m	34.46	nq	
88) Benzo(k)fluoranthene	14.80	252	1351704m	45.29	nq	
89) Benzo(a)pyrene	15.09	252	1145719	36.45	nq	98
90) Dibenzo(a,h)anthracene	16.41	278	955625	36.07	nq	# 94
91) Benzo(g,h,i)perylene	16.77	276	971816	36.10	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

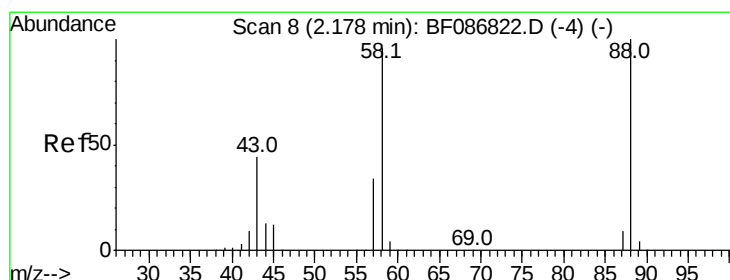
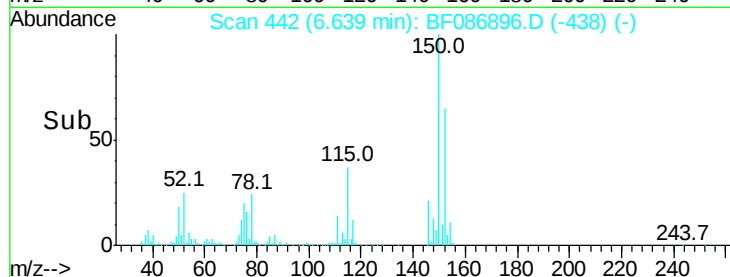
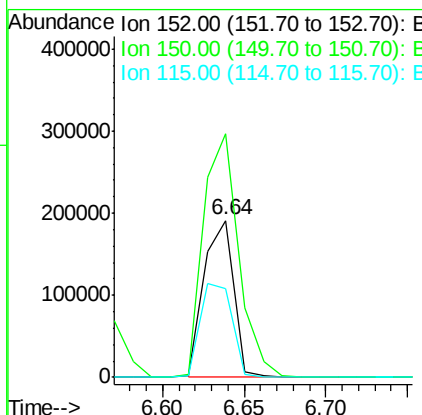
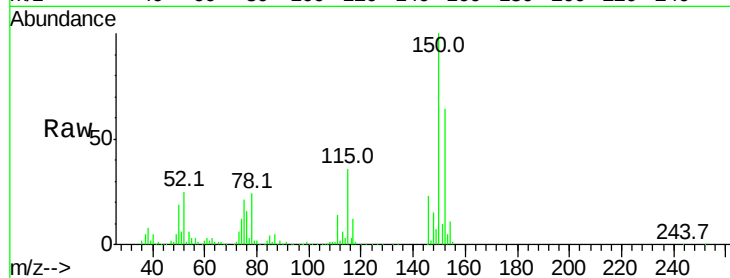
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	243062
Ion Ratio	Lower	Upper	
152	100		
150	155.2	125.8	188.6
115	56.5	51.5	77.3

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#2

1,4-Dioxane

Concen: 37.90 ng

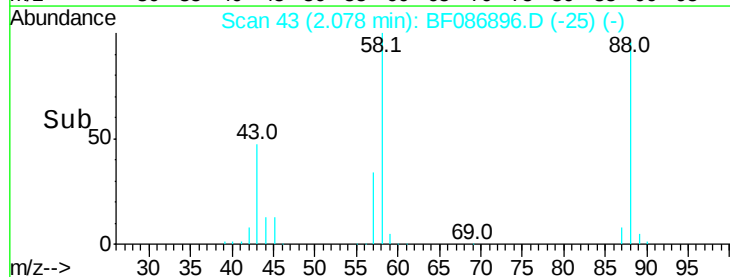
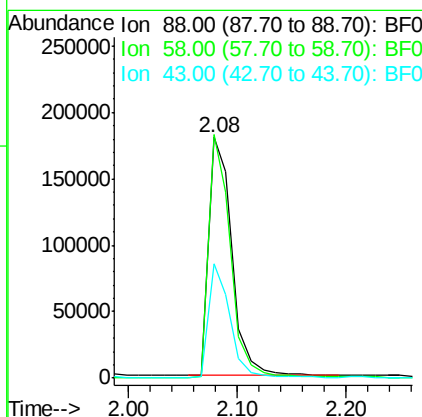
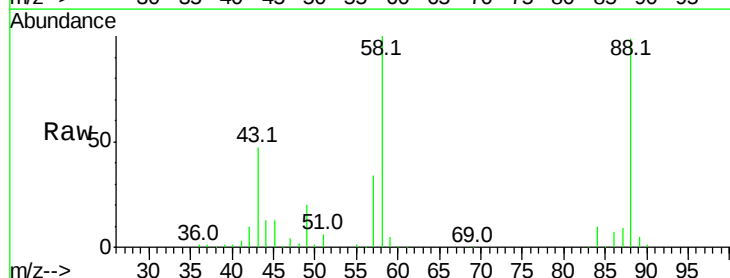
RT: 2.08 min Scan# 43

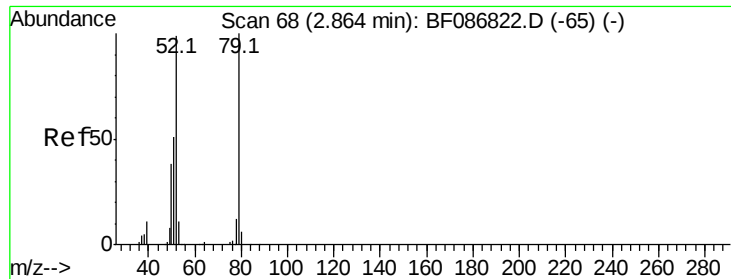
Delta R.T. -0.10 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	88	Resp:	267061
Ion Ratio	Lower	Upper	
88	100		
58	97.3	59.6	89.4#
43	44.6	21.8	32.6#





#3

Pvridine

Concen: 40.85 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.13 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

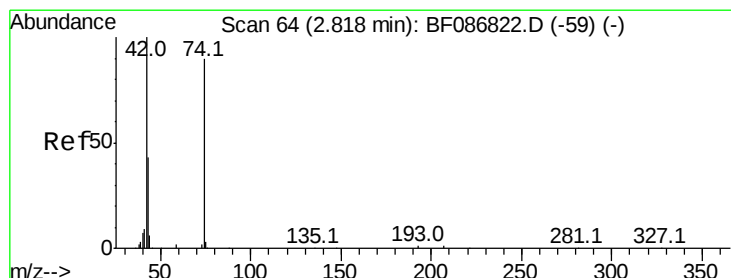
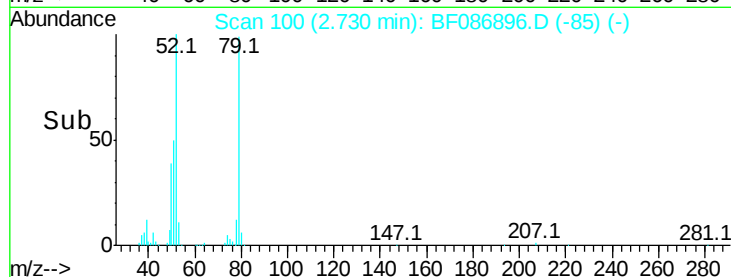
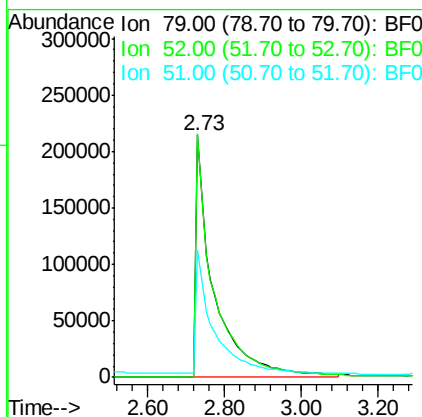
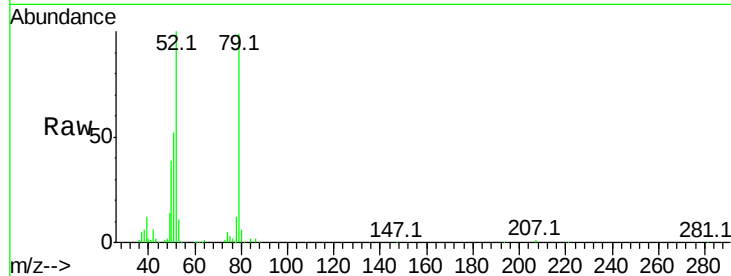
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	703731
Ion Ratio	Lower	Upper	
79	100		
52	100.5	55.9	83.9#
51	52.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 40.65 ng

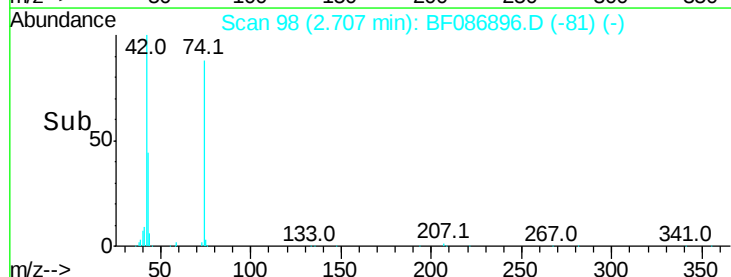
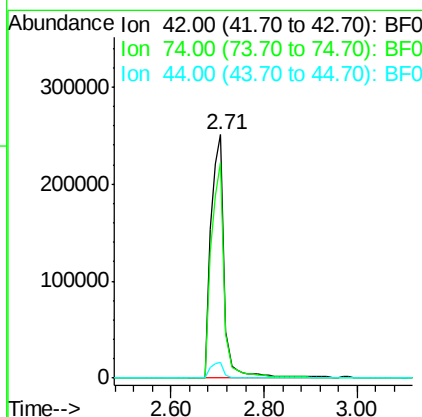
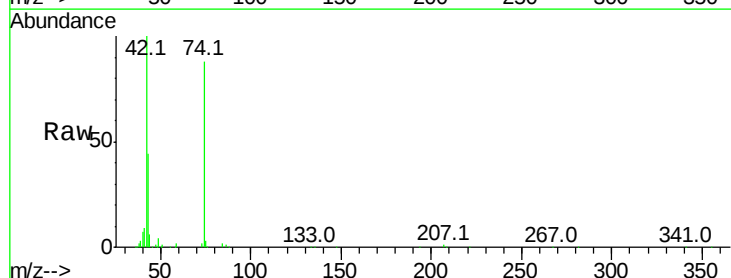
RT: 2.71 min Scan# 98

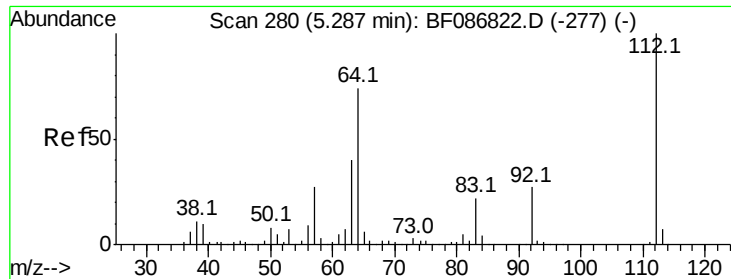
Delta R.T. -0.11 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	42	Resp:	507787
Ion Ratio	Lower	Upper	
42	100		
74	88.3	123.4	185.0#
44	6.5	5.8	8.6





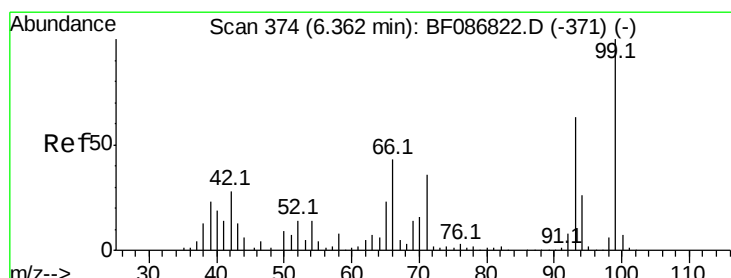
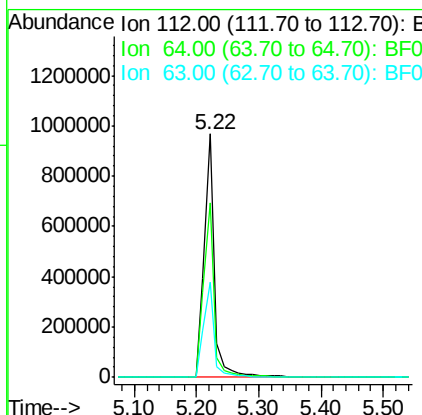
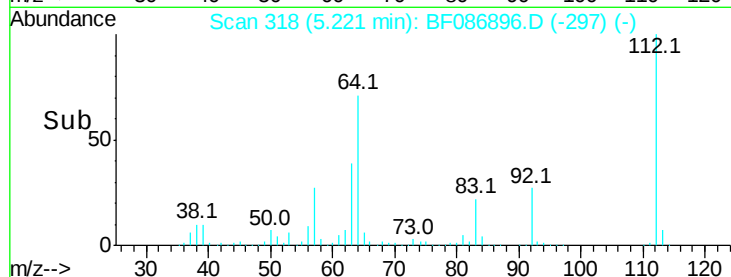
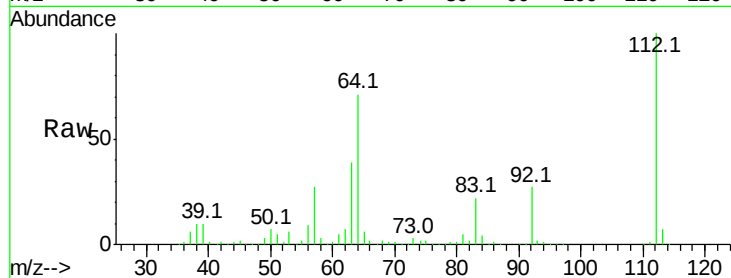
#5
 2-Fluorophenol
 Concen: 79.00 ng
 RT: 5.22 min Scan# 318
 Delta R.T. -0.07 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	71.5	52.1	78.1
63	39.2	25.7	38.5#

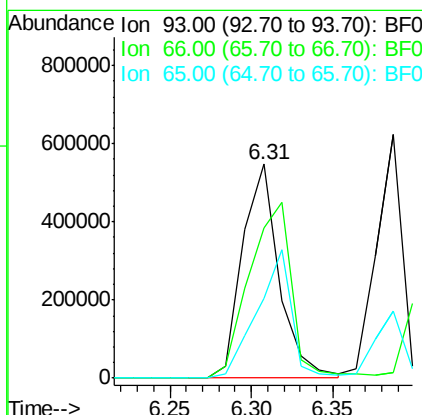
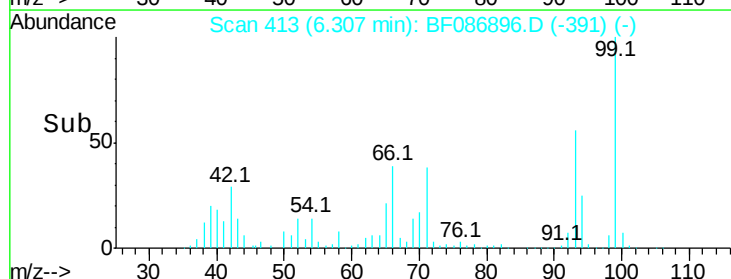
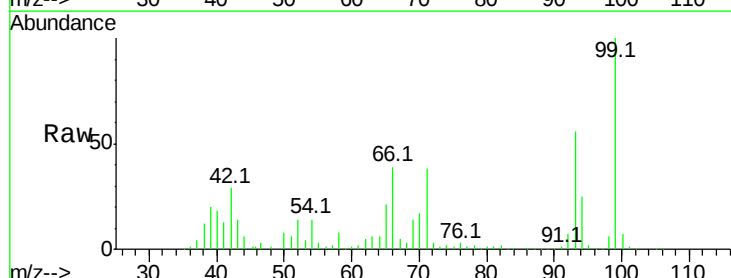
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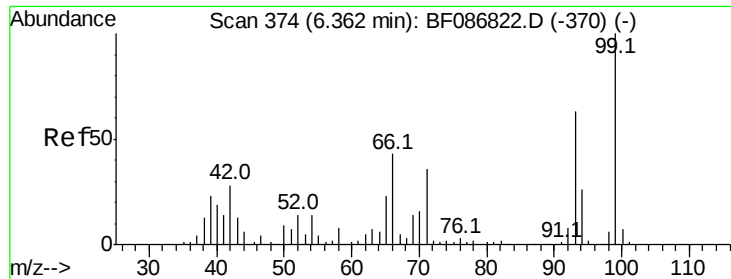
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#6
 Aniline
 Concen: 36.92 ng
 RT: 6.31 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
93	100		
66	70.3	39.0	58.6#
65	37.2	20.6	31.0#





#7

Phenol-d6

Concen: 72.91 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1398482

Ion Ratio Lower Upper

99 100

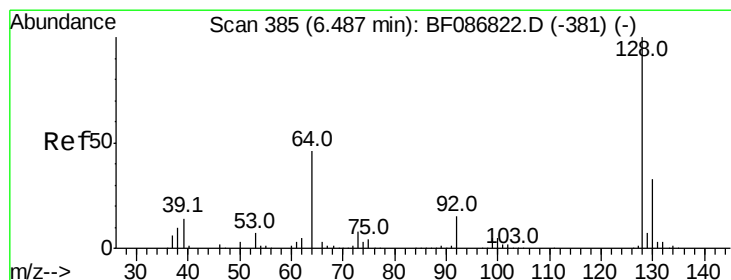
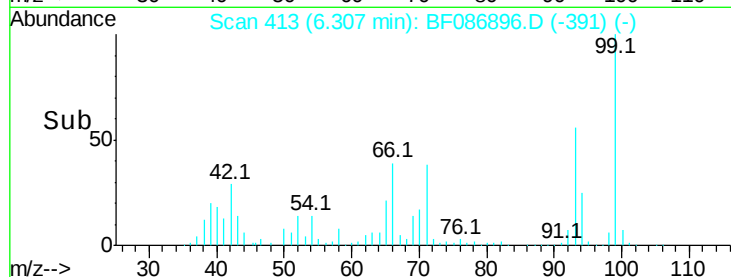
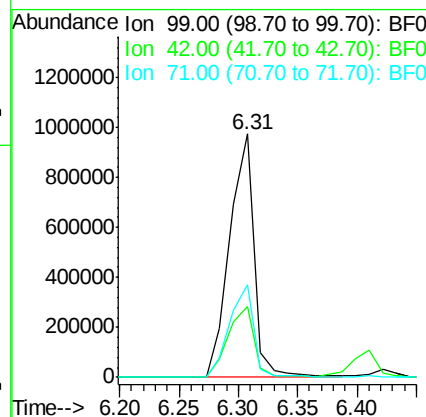
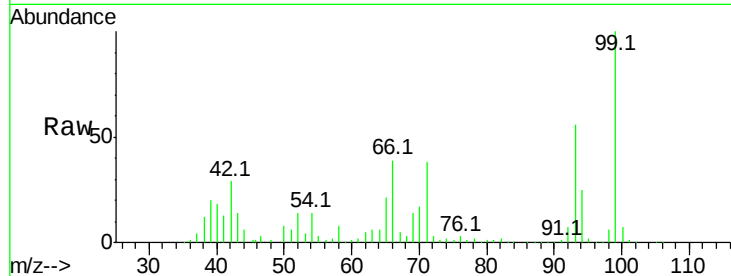
42 29.1 13.6 20.4#

71 38.1 24.6 36.8#

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#8

2-Chlorophenol

Concen: 35.78 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

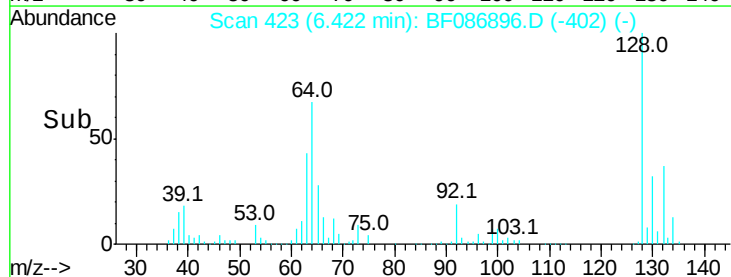
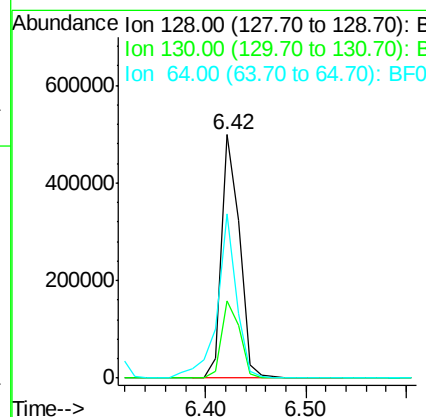
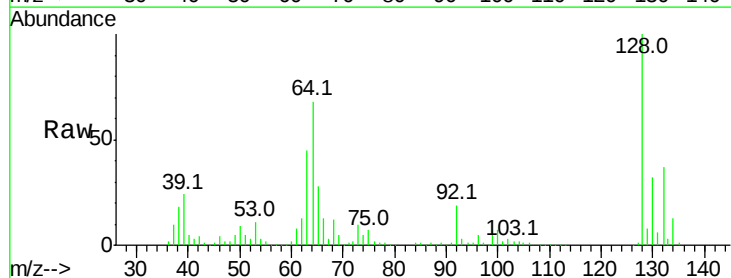
Tgt Ion: 128 Resp: 619636

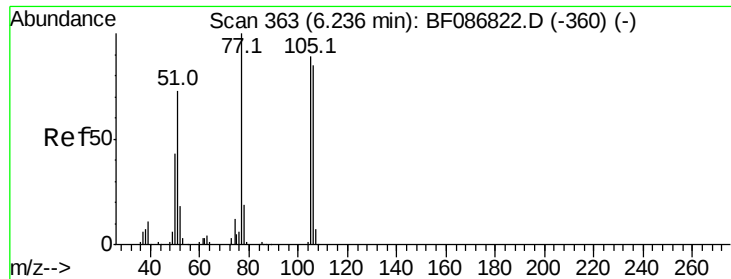
Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

64 67.7 27.3 67.3#





#9

Benzaldehyde

Concen: 35.61 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

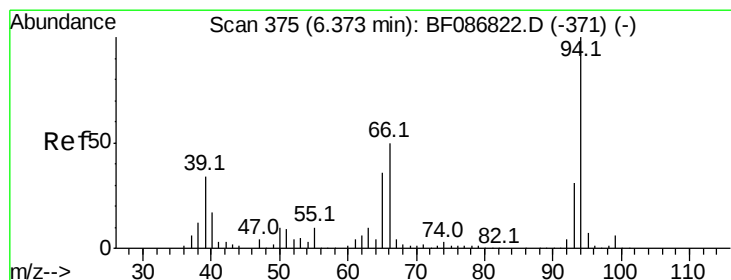
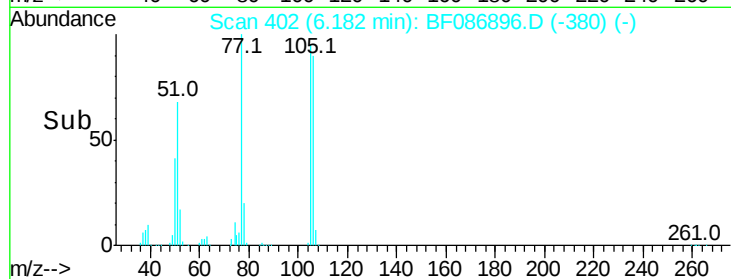
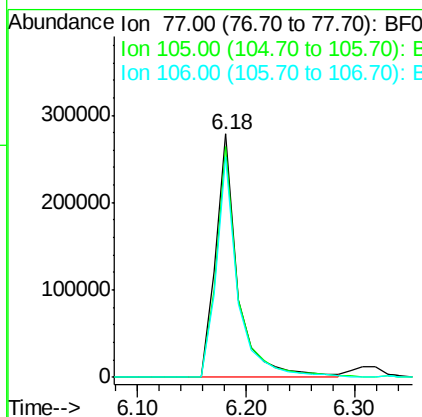
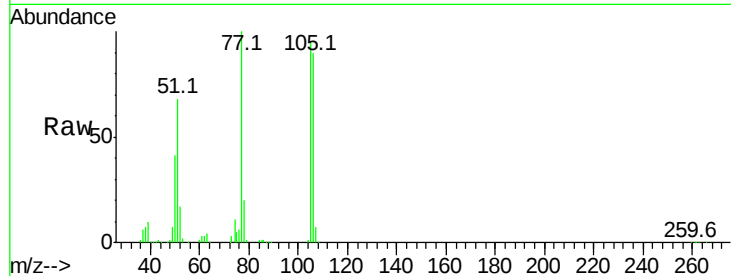
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	395558
Ion Ratio	Lower	Upper	
77	100		
105	94.9	72.7	112.7
106	90.4	70.8	110.8

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#10

Phenol

Concen: 39.15 ng

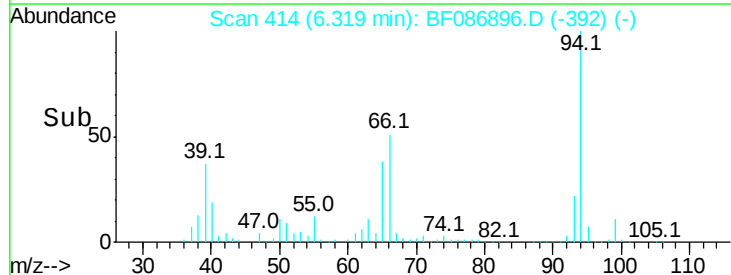
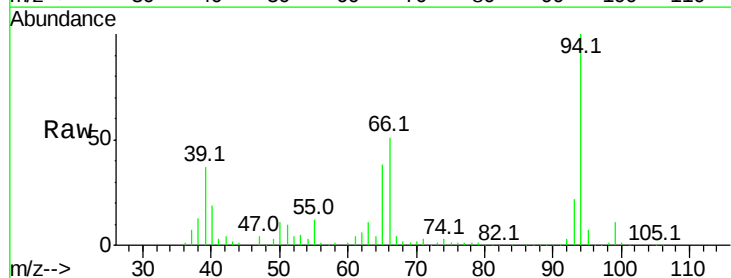
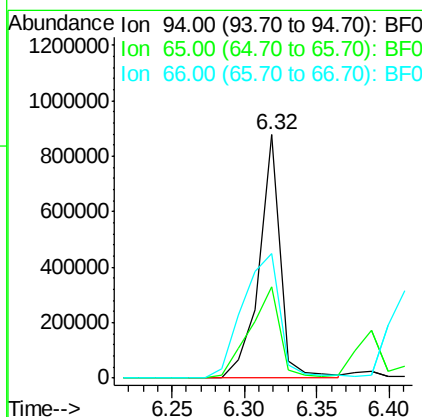
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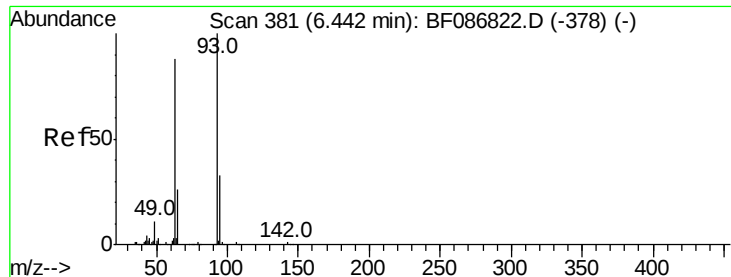
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	94	Resp:	892685
Ion Ratio	Lower	Upper	
94	100		
65	37.6	7.2	47.2
66	51.3	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 40.01 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

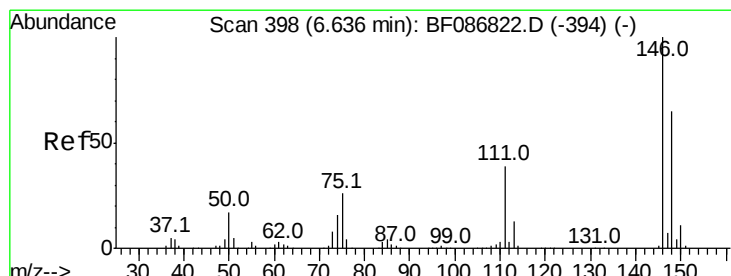
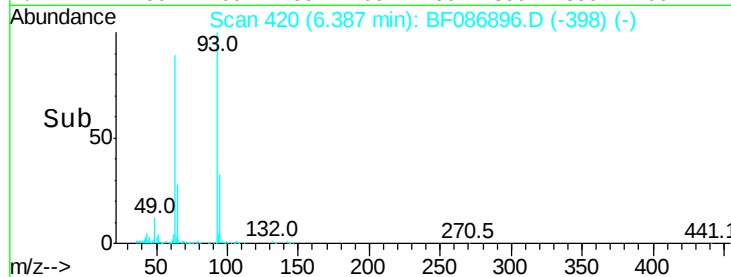
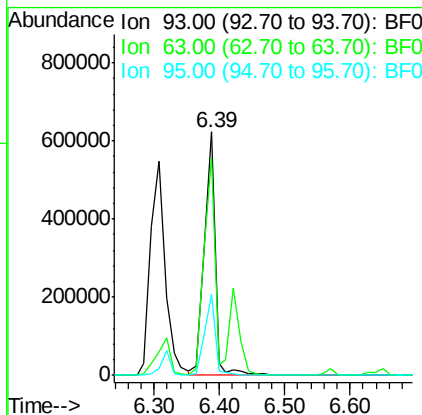
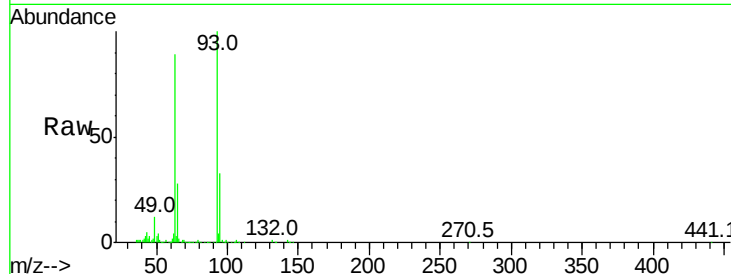
ClientSampleId :

SSTDCCC040

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Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	58.0	98.0
95	33.3	11.9	51.9



#12

1,3-Dichlorobenzene

Concen: 34.64 ng m

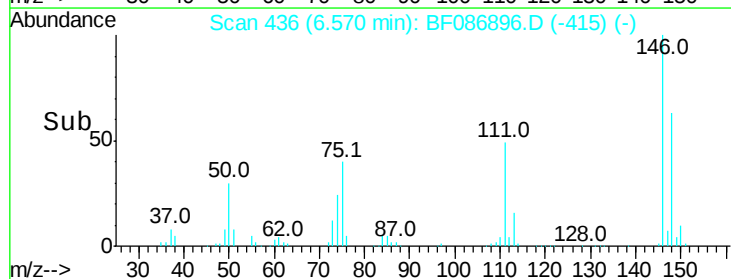
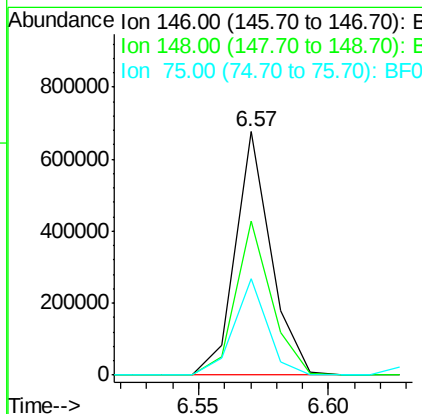
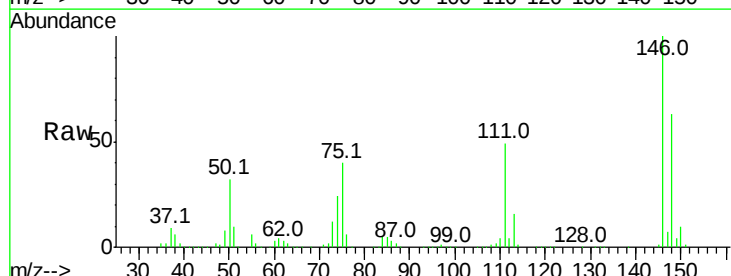
RT: 6.57 min Scan# 436

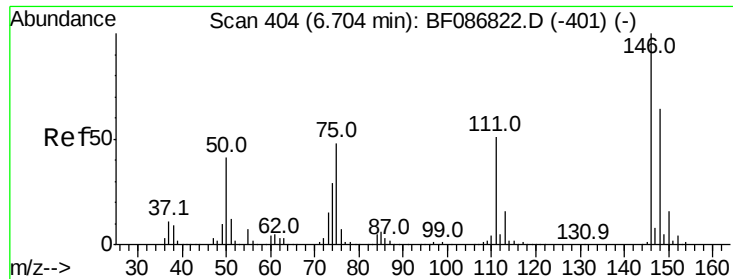
Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.4	78.6
75	39.7	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 34.88 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

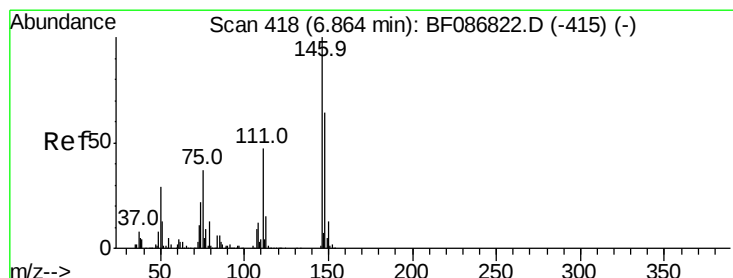
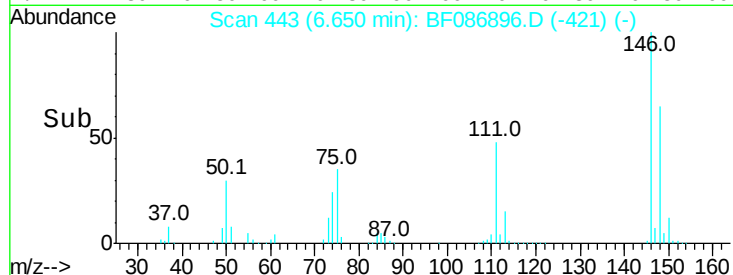
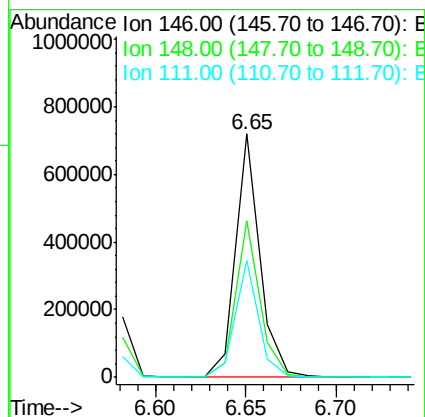
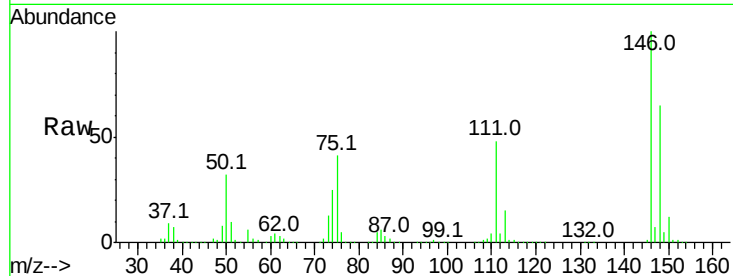
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	666574
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.4
111	47.9	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 36.91 ng

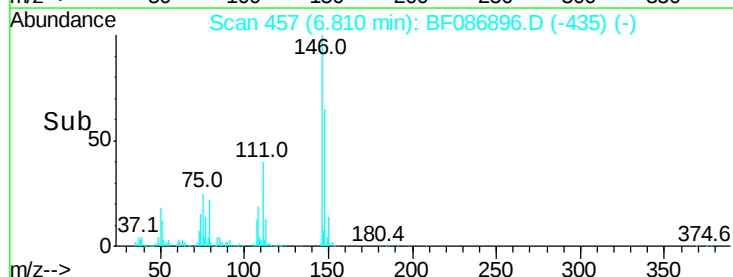
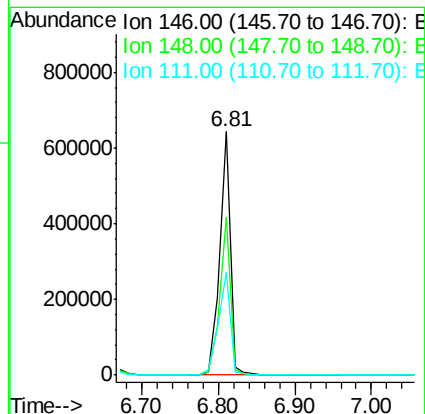
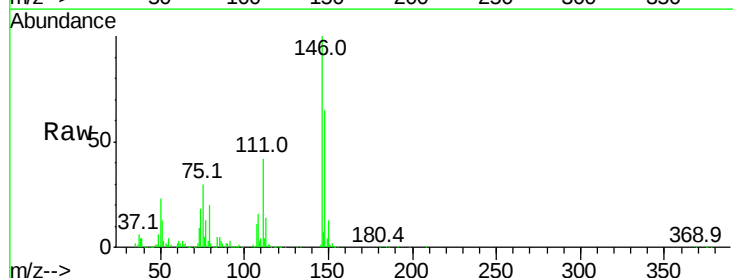
RT: 6.81 min Scan# 457

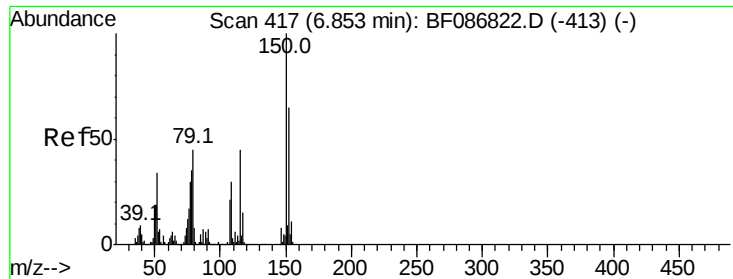
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	146	Resp:	614895
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.0	76.6
111	42.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 37.87 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 501607

Ion Ratio Lower Upper

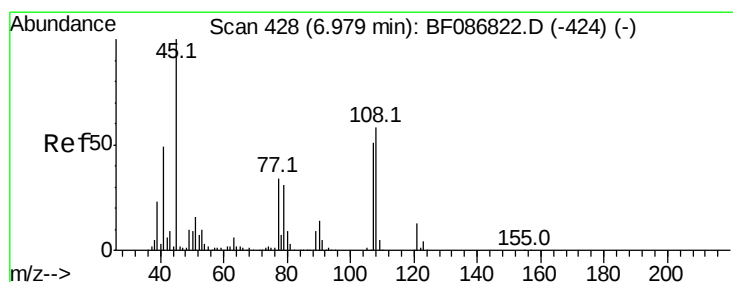
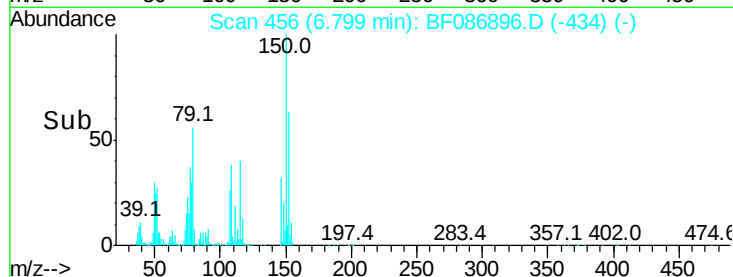
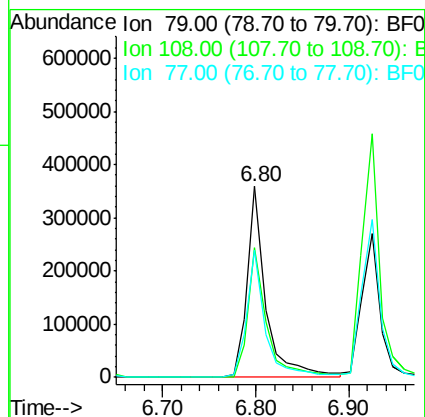
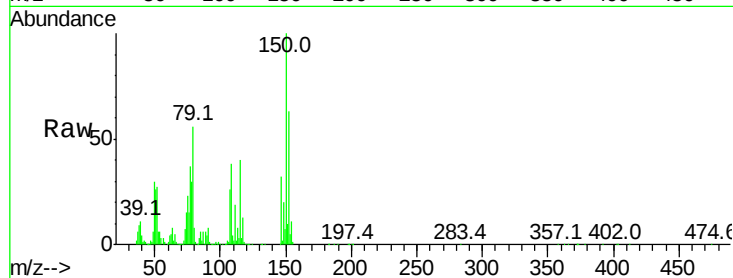
79 100

108 67.9 68.4 102.6#

77 67.0 50.6 76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.44 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

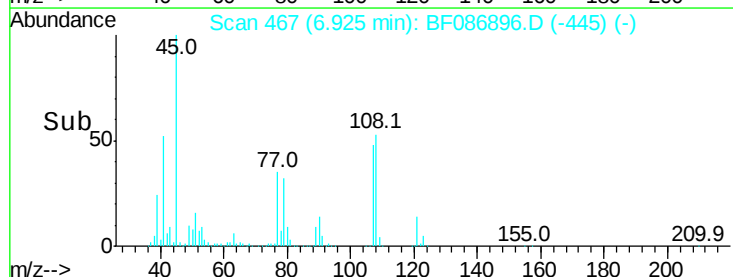
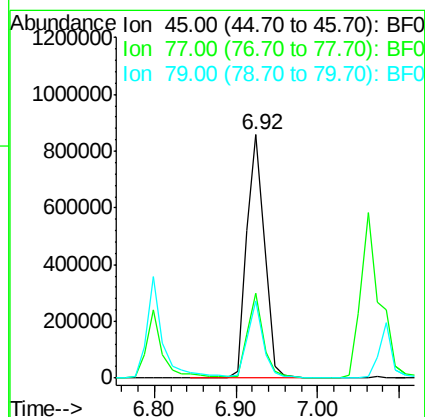
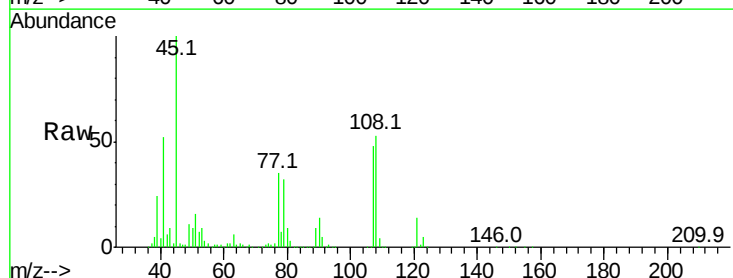
Tgt Ion: 45 Resp: 1292402

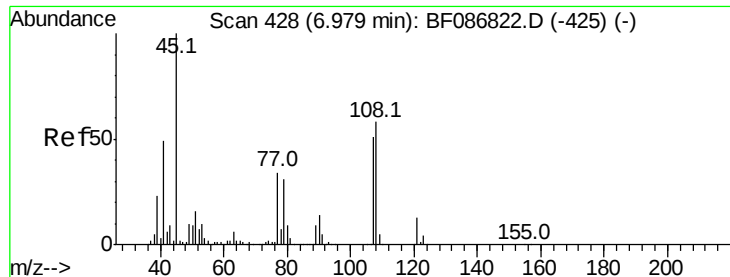
Ion Ratio Lower Upper

45 100

77 34.7 0.0 36.4

79 31.6 0.0 33.4





#17

2-Methylphenol

Concen: 37.94 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

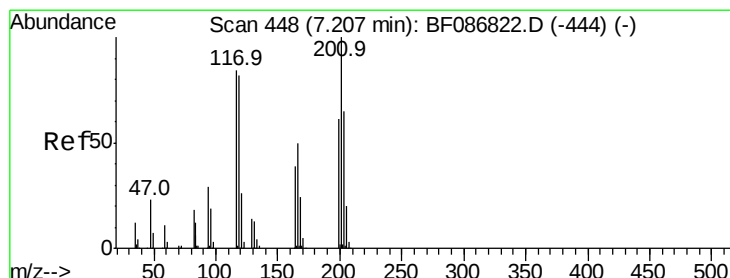
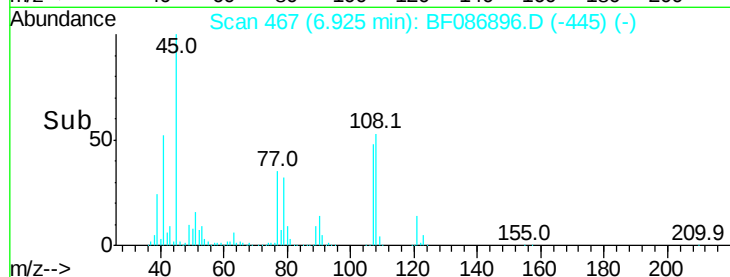
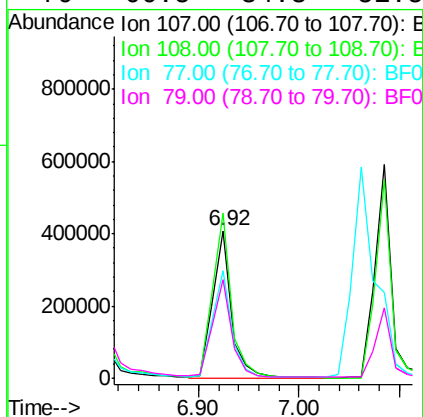
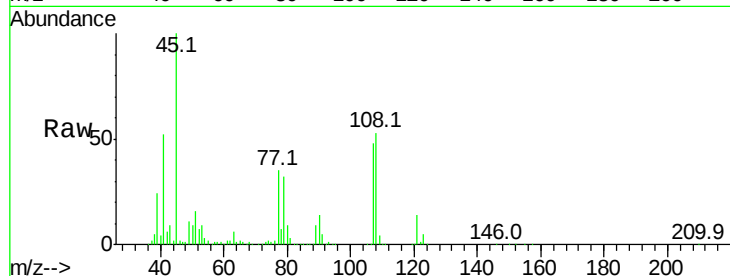
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	93.7	140.5	
77	73.0	33.4	50.0#	
79	66.5	34.3	51.5#	

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#18

Hexachloroethane

Concen: 36.15 ng

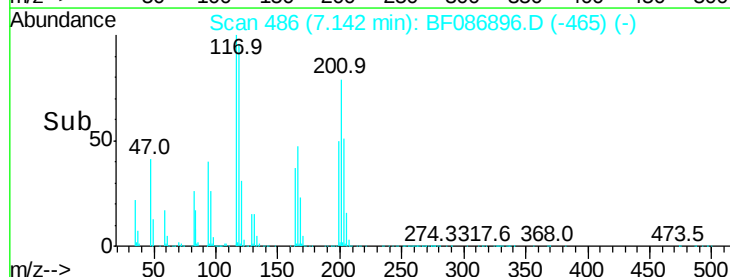
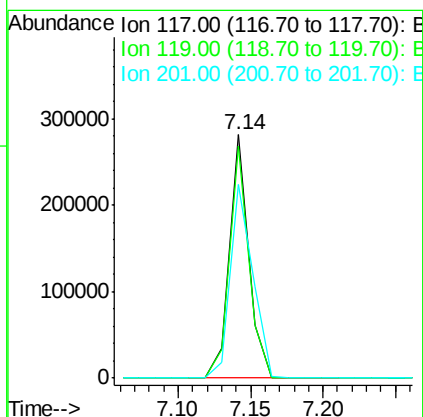
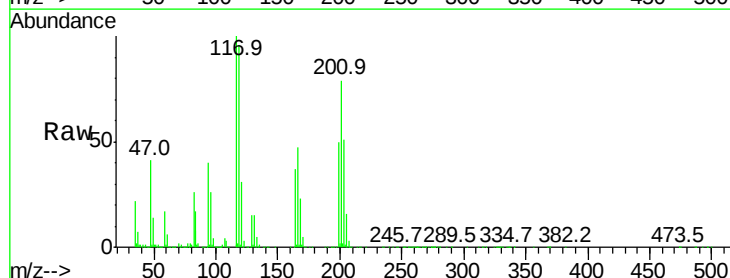
RT: 7.14 min Scan# 486

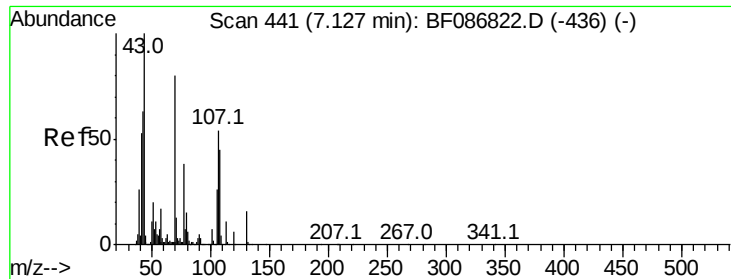
Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	76.5	114.7	
201	79.3	63.0	94.6	





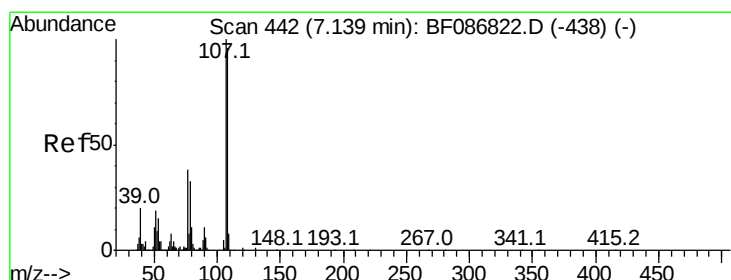
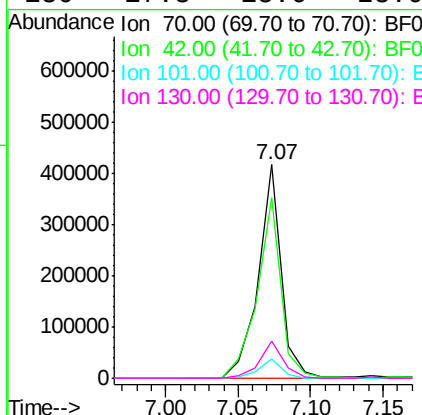
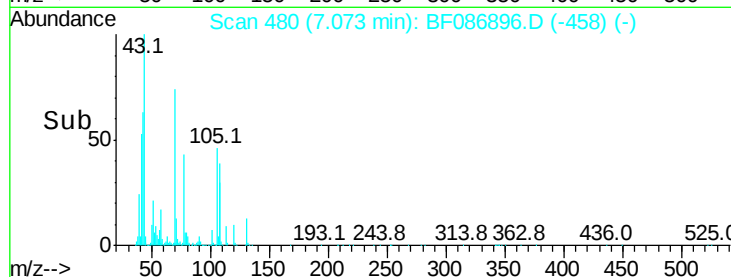
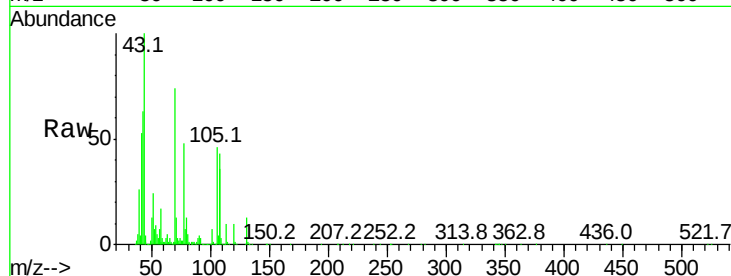
#19
n-Nitroso-di-n-propylamine
Concen: 34.28 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	84.4	43.1	64.7#
101	8.9	8.1	12.1
130	17.3	18.6	28.0#

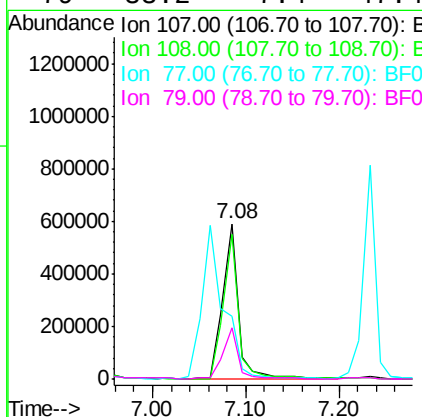
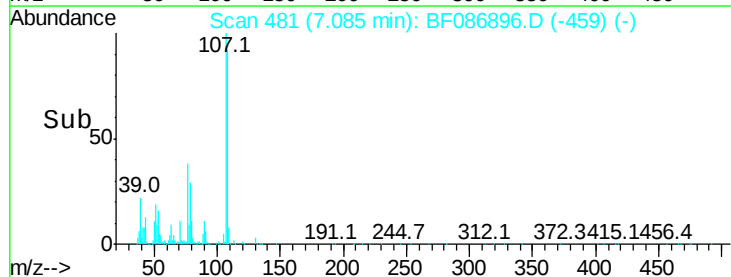
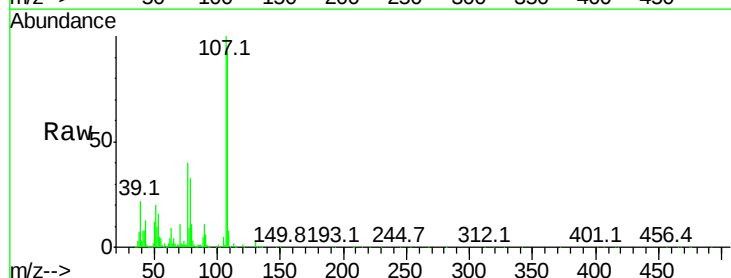
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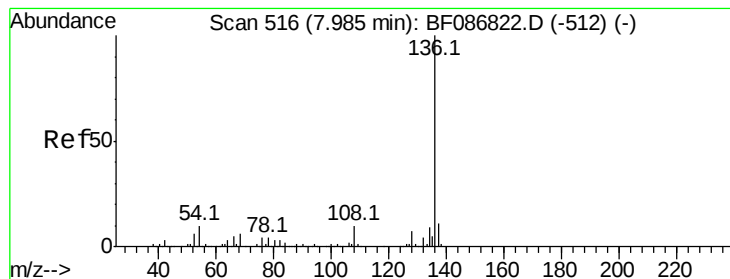
umangi
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#20
3+4-Methylphenols
Concen: 37.94 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.5	108.5
77	40.4	101.6	141.6#
79	33.2	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

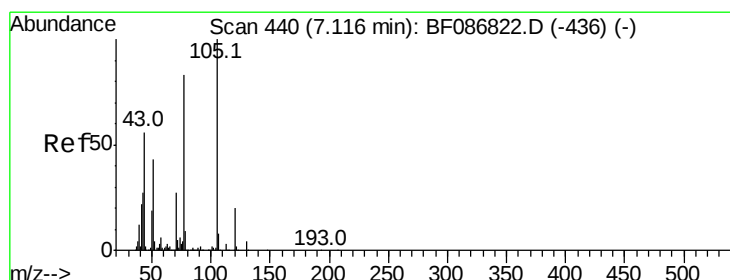
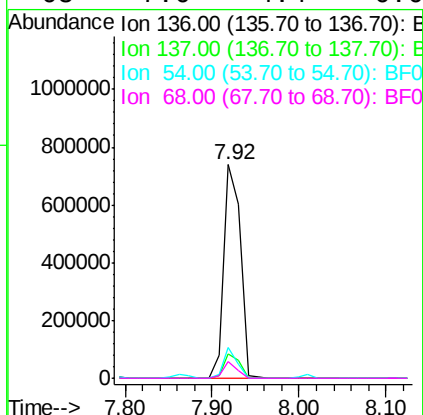
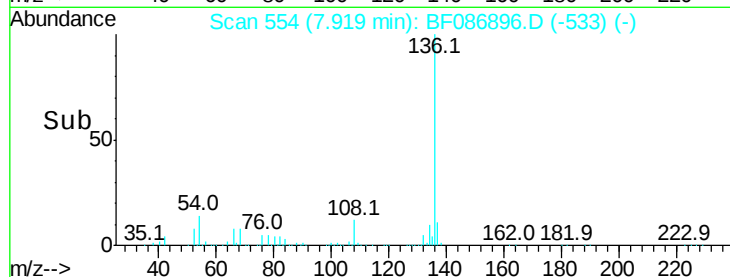
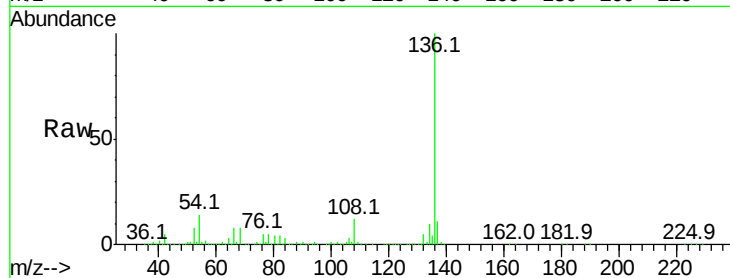
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	987289		
137	11.3	8.8	13.2	
54	14.4	5.0	7.4#	
68	7.6	4.4	6.6#	

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#22

Acetophenone

Concen: 37.81 ng

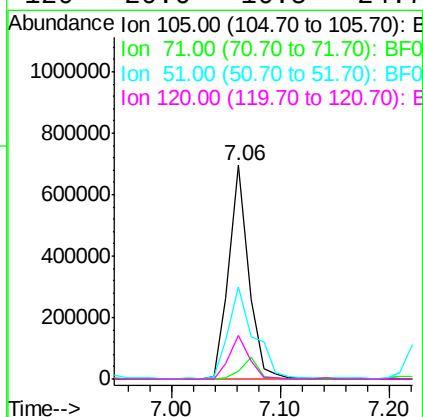
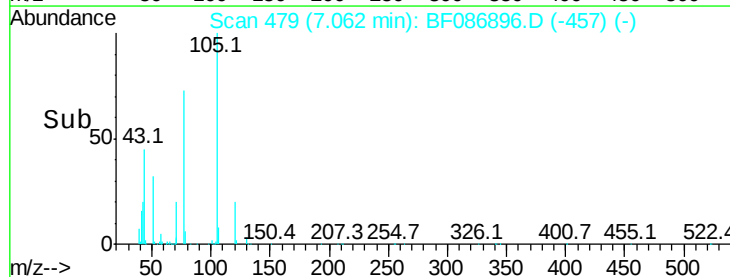
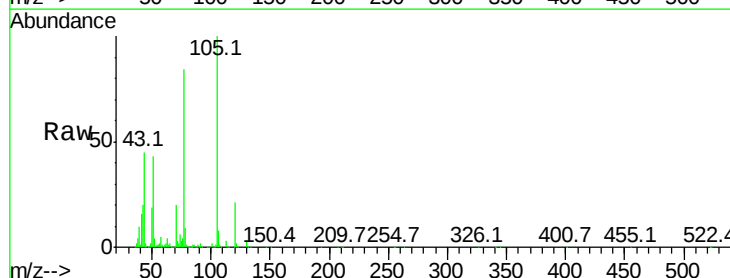
RT: 7.06 min Scan# 479

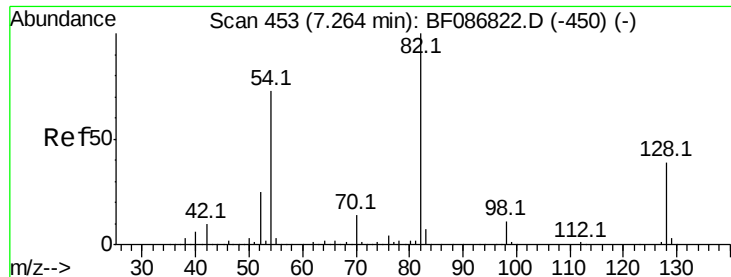
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	881768		
71	3.3	4.8	7.2#	
51	42.9	32.6	49.0	
120	20.6	16.5	24.7	





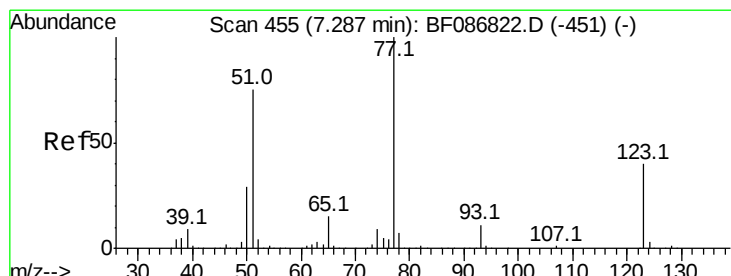
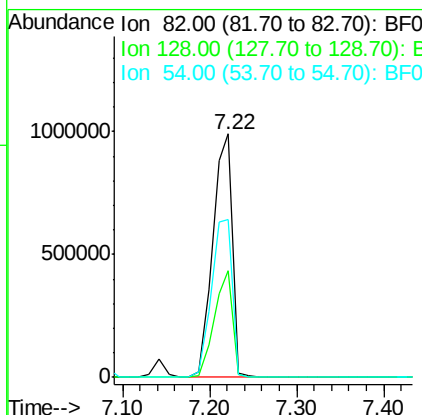
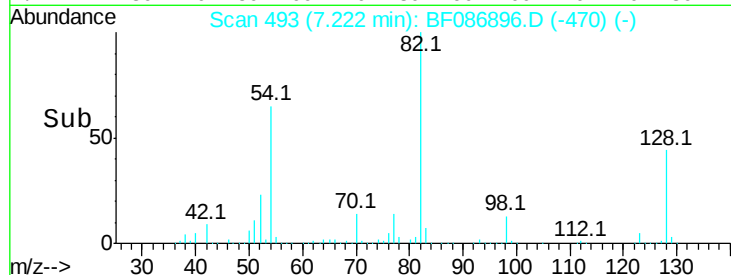
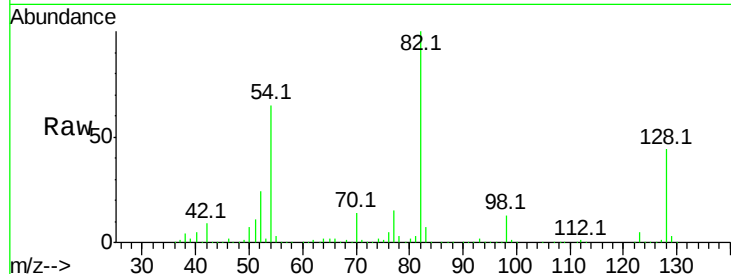
#23
 Nitrobenzene-d5
 Concen: 79.90 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.04 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	40.6	61.0
54	65.0	38.1	57.1

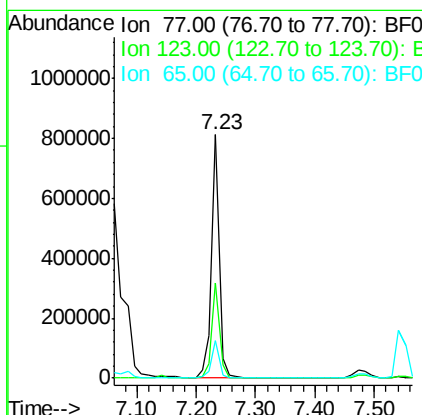
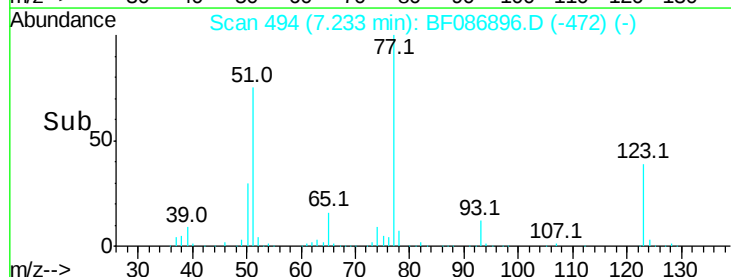
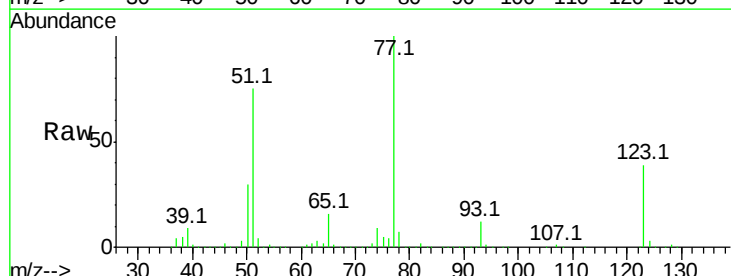
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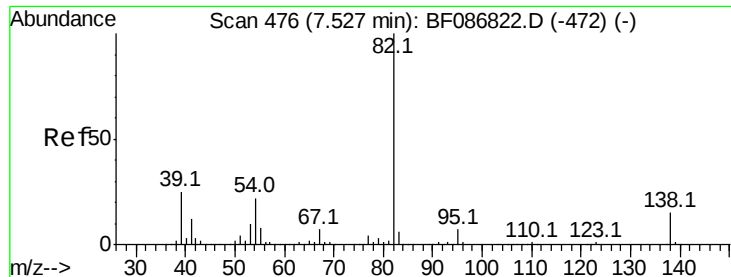
umangi
 5/12/2016 9:10:00 AM



#24
 Nitrobenzene
 Concen: 36.32 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	33.0	49.4
65	15.6	10.8	16.2





#25

Isophorone

Concen: 38.31 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1397437

Ion Ratio Lower Upper

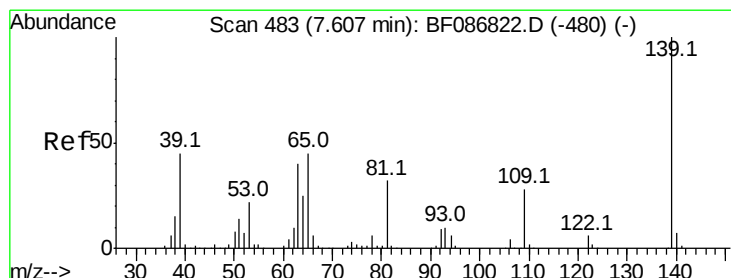
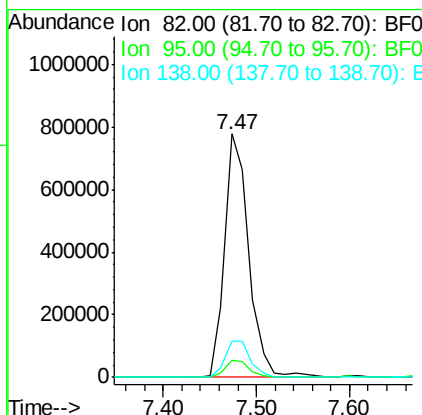
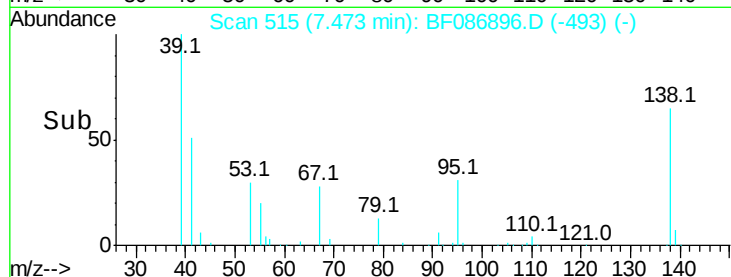
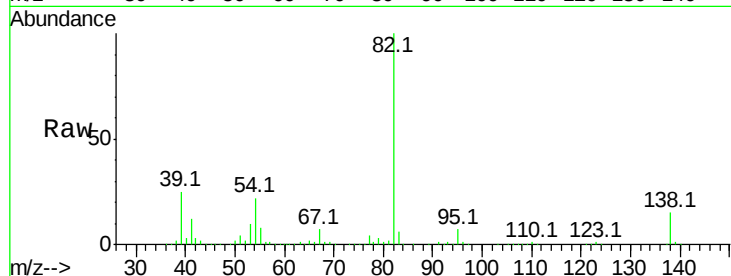
82 100

95 7.2 5.1 7.7

138 15.0 12.4 18.6

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#26

2-Nitrophenol

Concen: 39.69 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

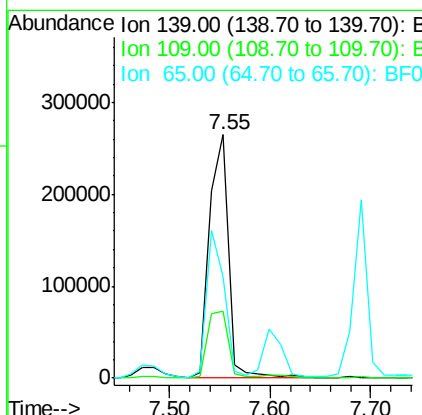
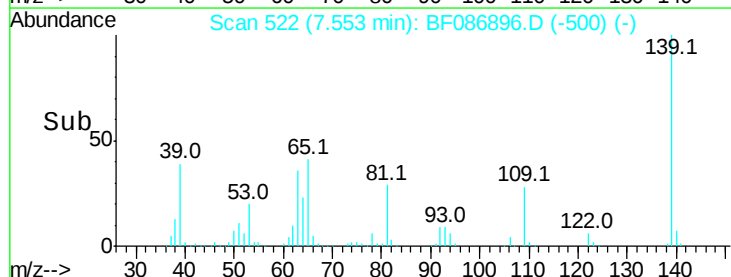
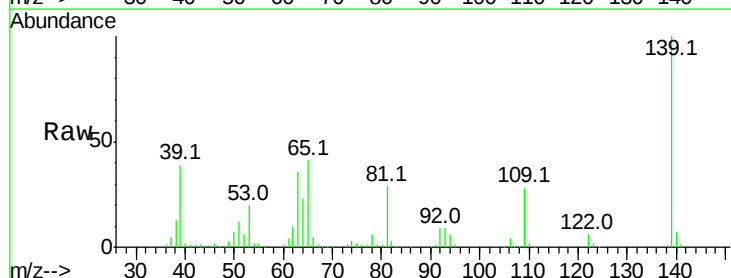
Tgt Ion: 139 Resp: 352831

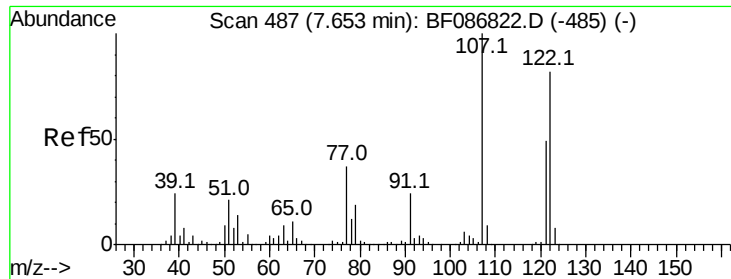
Ion Ratio Lower Upper

139 100

109 27.6 19.5 29.3

65 41.5 37.5 56.3





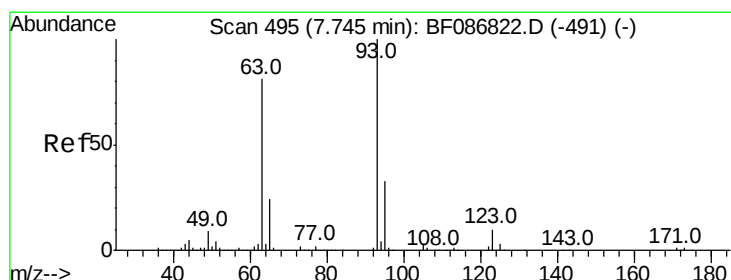
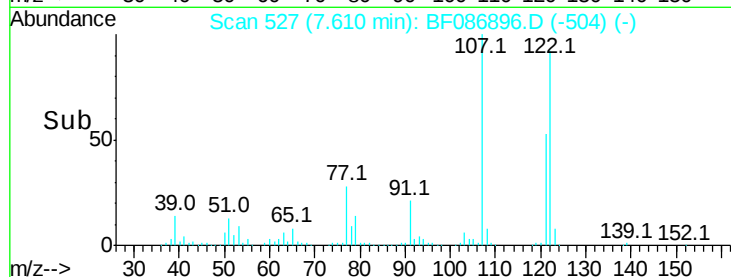
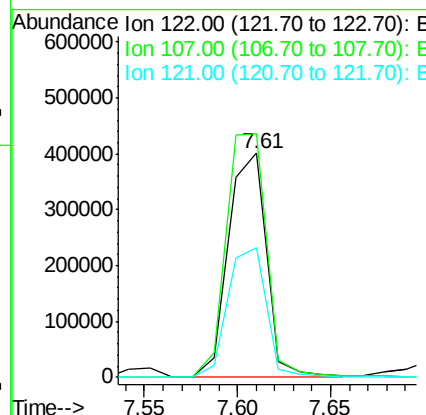
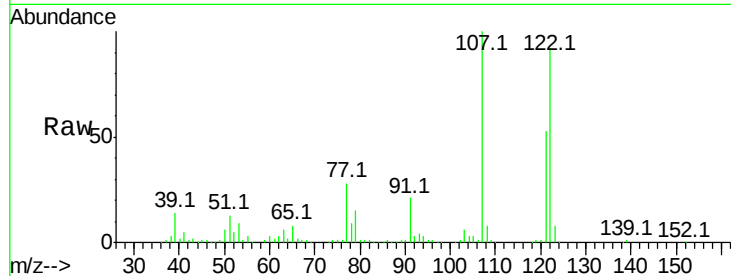
#27
2,4-Dimethylphenol
Concen: 37.85 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.04 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	573305		
107	108.6	82.0	123.0	
121	57.6	46.1	69.1	

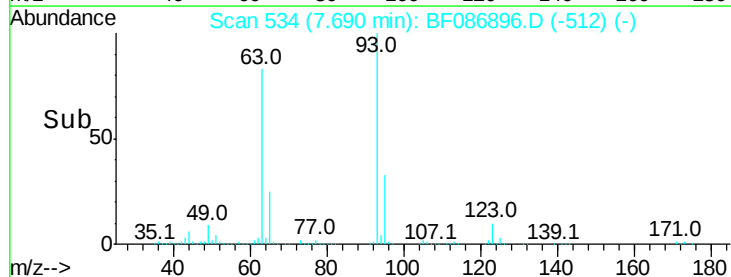
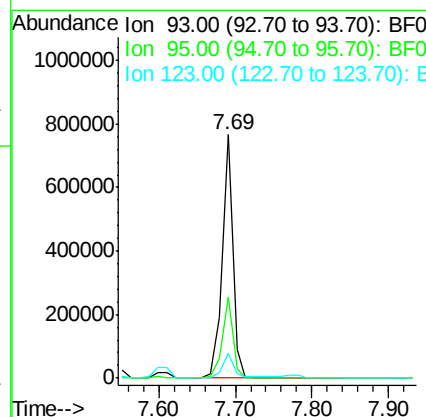
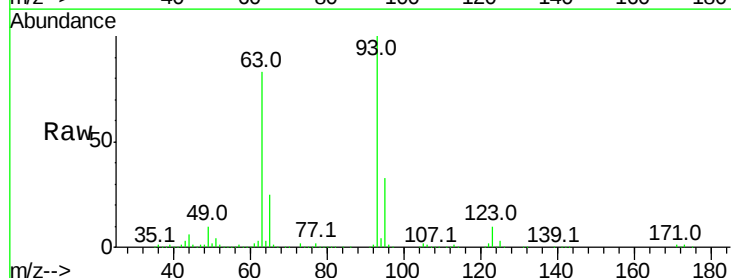
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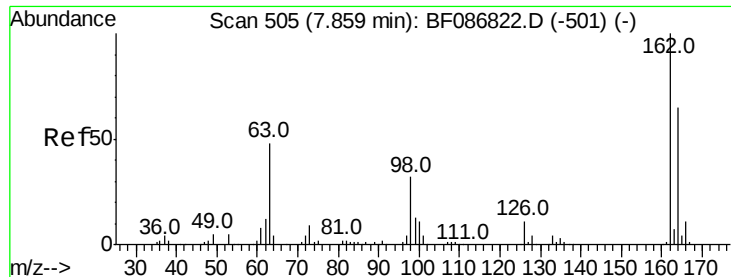
umangi
5/12/2016 9:10:00 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.45 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	736902		
95	33.3	26.0	39.0	
123	10.0	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 37.83 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

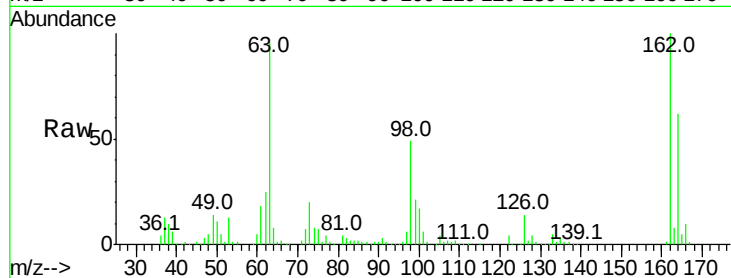
ClientSampleId :

SSTDCCC040

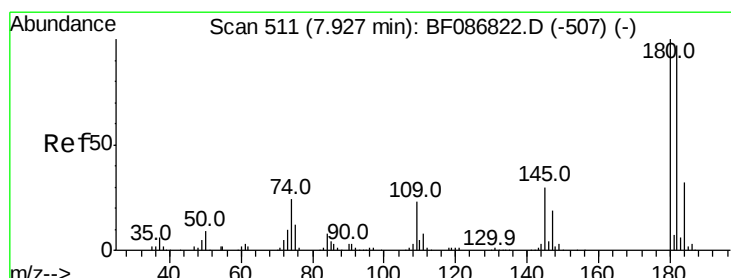
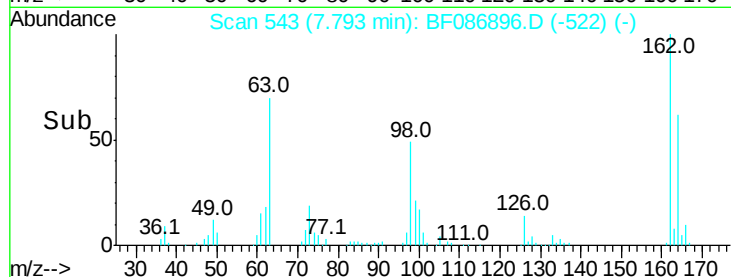
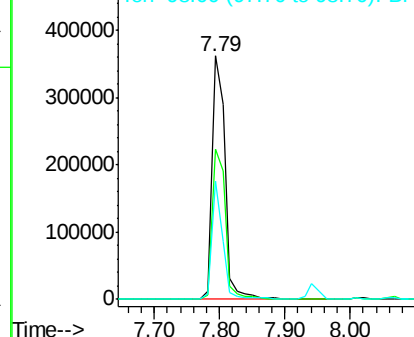
Tot Ion:	162	Resp:	504316
Ion Ratio	Lower	Upper	
162	100		
164	61.8	42.2	82.2
98	48.7	19.0	59.0

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



#30

1,2,4-Trichlorobenzene

Concen: 38.73 ng

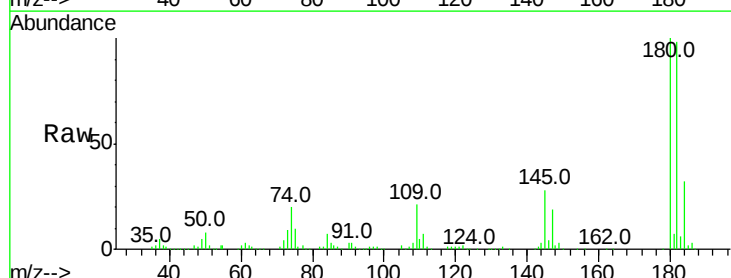
RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

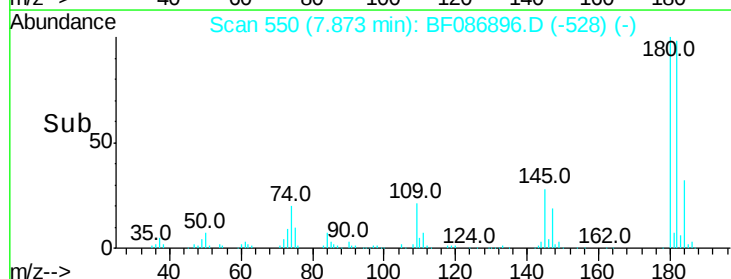
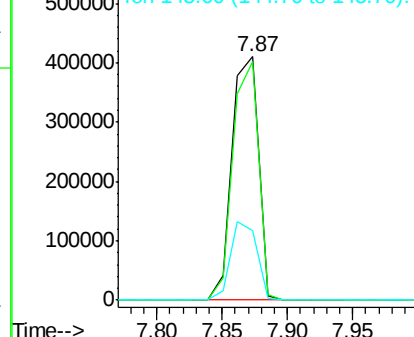
Lab File: BF086896.D

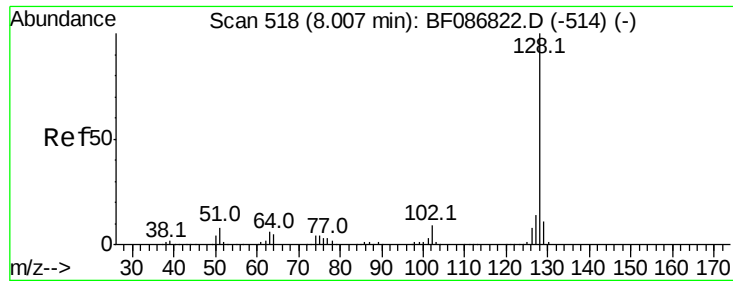
Acq: 11 May 2016 19:09

Tgt Ion:	180	Resp:	577211
Ion Ratio	Lower	Upper	
180	100		
182	97.8	78.0	117.0
145	28.5	24.2	36.2



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





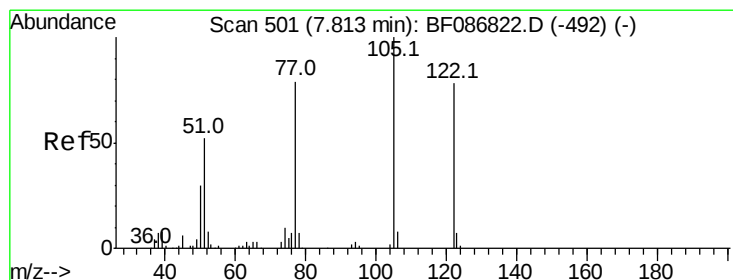
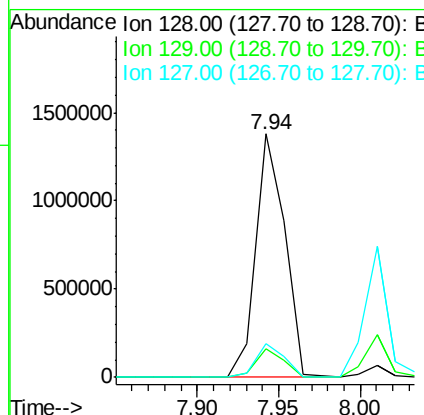
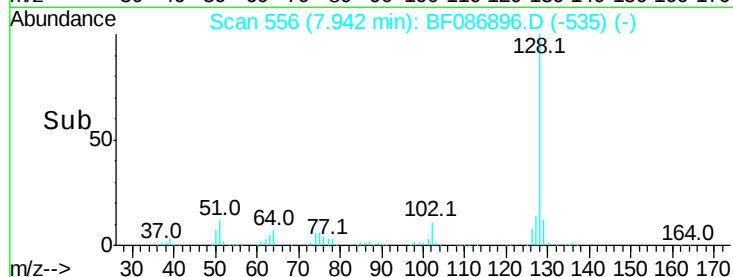
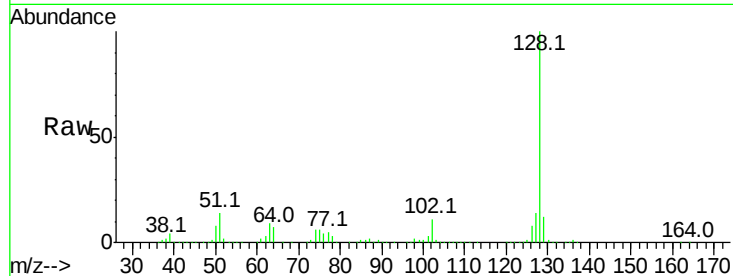
#31
Naphthalene
Concen: 34.58 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.07 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1710059
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.7 10.8 16.2

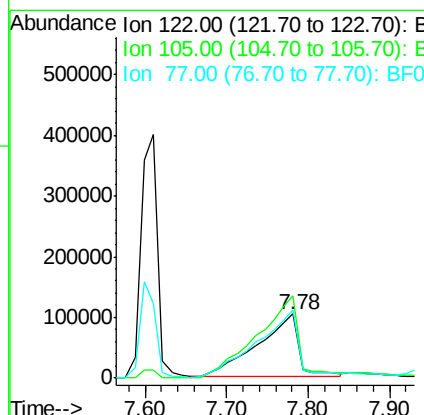
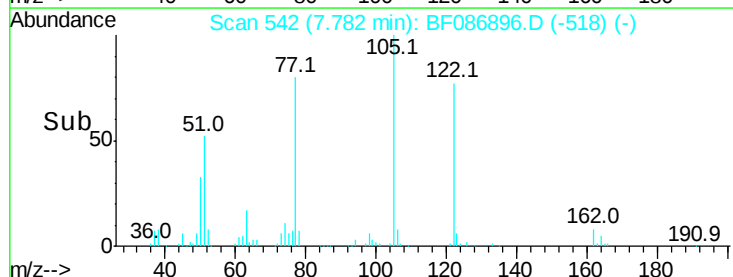
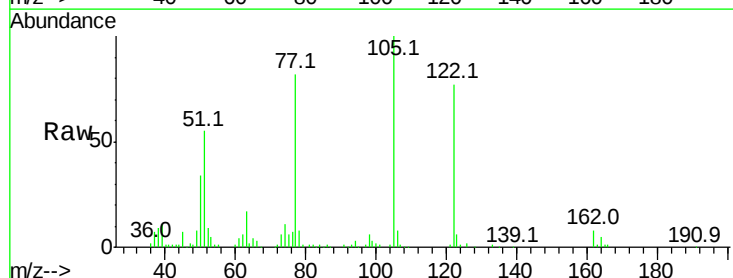
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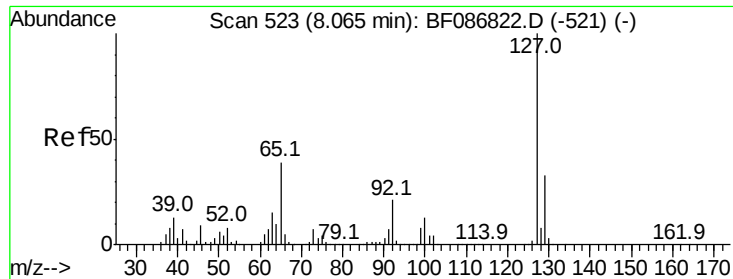
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#32
Benzoic acid
Concen: 39.95 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion:122 Resp: 355360
Ion Ratio Lower Upper
122 100
105 129.6 92.6 132.6
77 106.1 60.0 100.0#





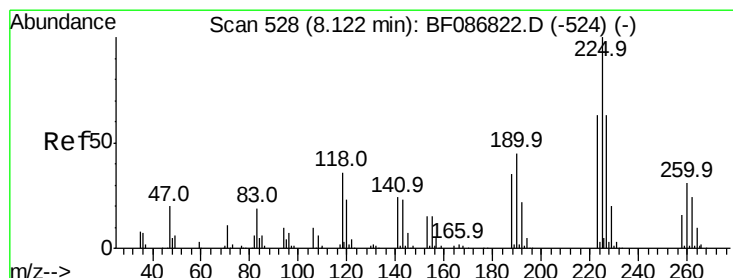
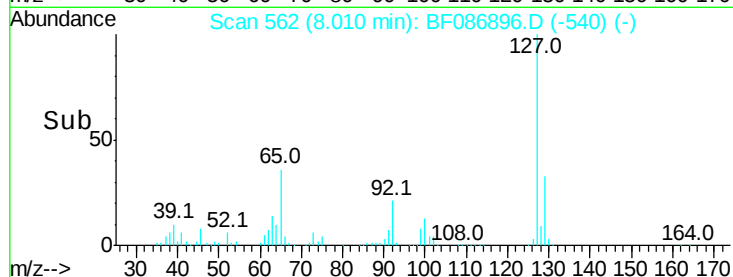
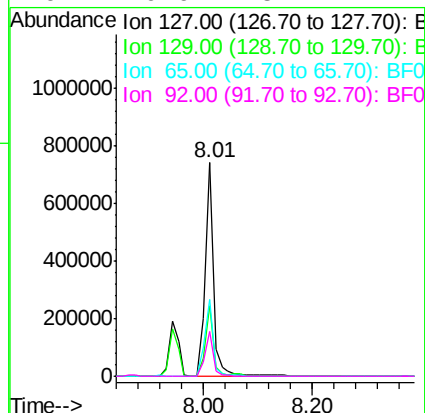
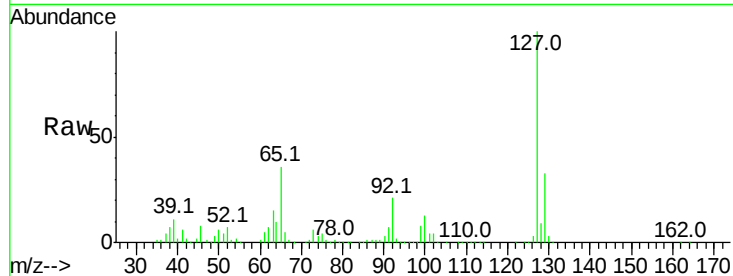
#33
4-Chloroaniline
Concen: 40.24 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.4	
65	36.0	23.0	34.4	
92	20.9	15.1	22.7	

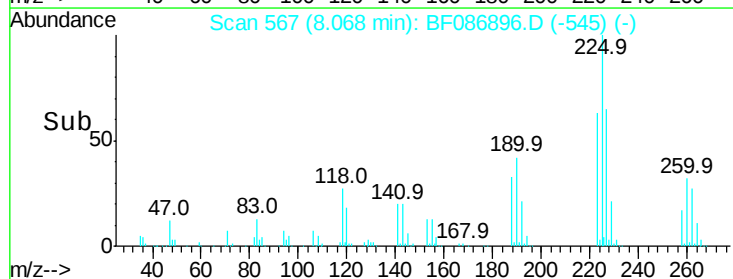
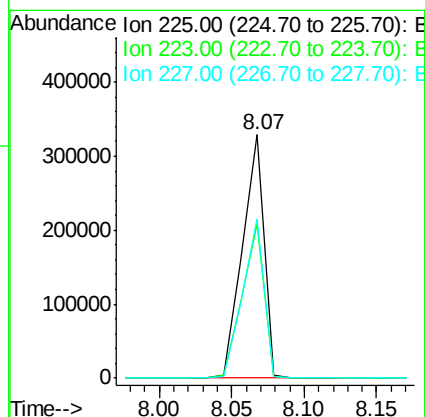
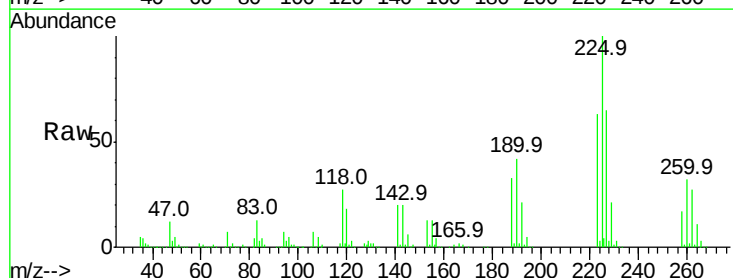
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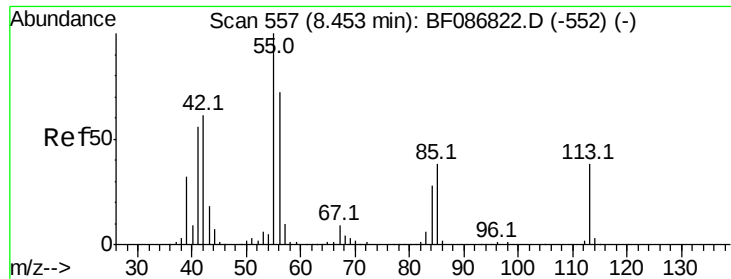
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#34
Hexachlorobutadiene
Concen: 39.34 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.5	77.3	
227	65.2	52.2	78.2	





#35

Caprolactam

Concen: 38.69 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.04 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

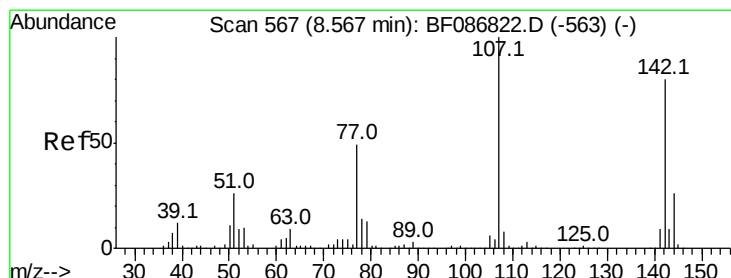
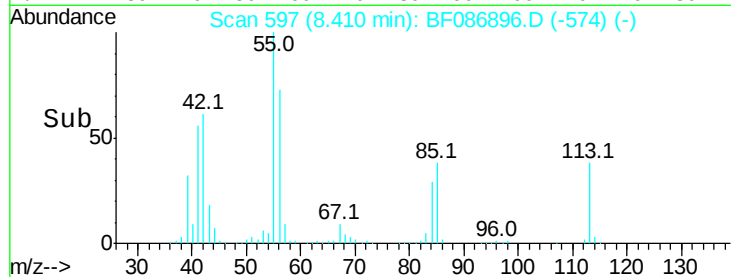
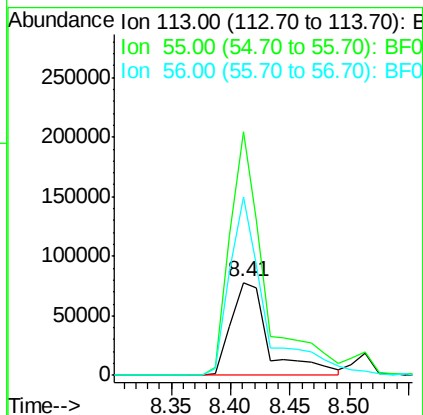
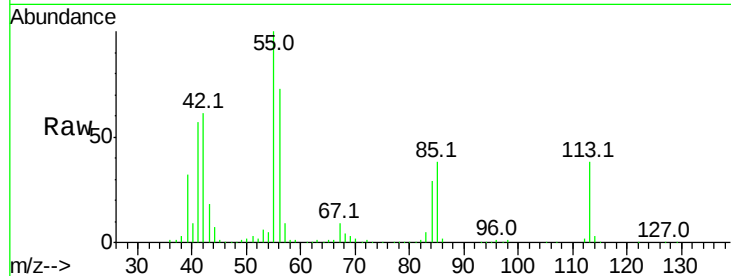
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	261.8	162.0	202.0#	
56	191.1	115.3	155.3#	

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#36

4-Chloro-3-methylphenol

Concen: 39.43 ng

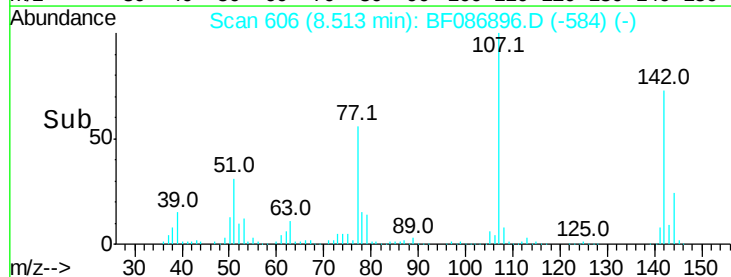
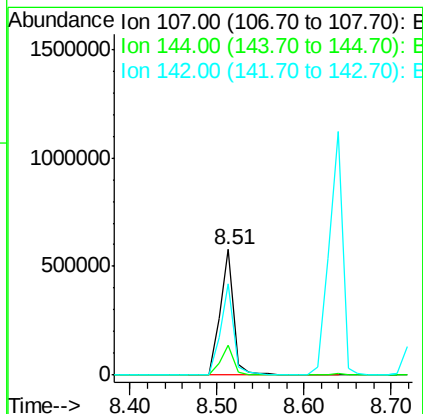
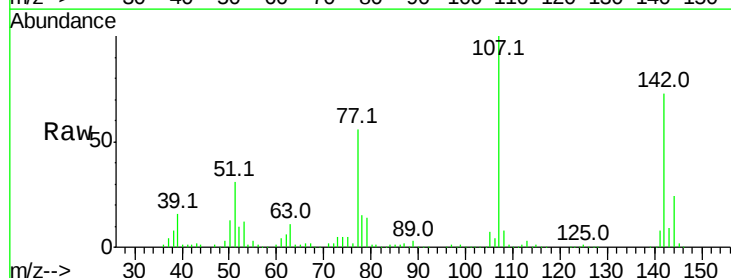
RT: 8.51 min Scan# 606

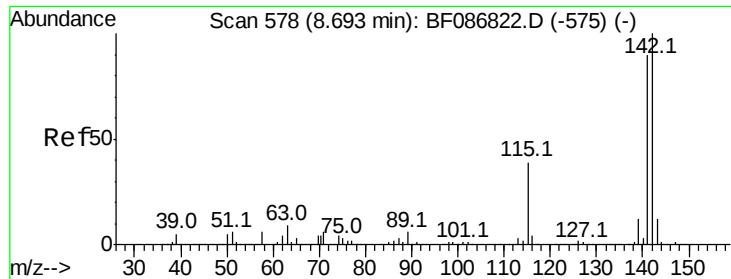
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.0	20.7	31.1	
142	72.6	63.2	94.8	





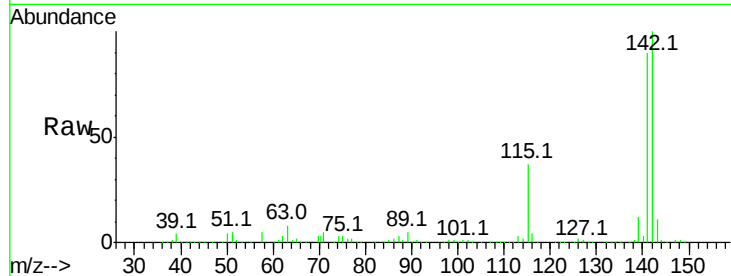
#37
2-Methylnaphthalene
Concen: 41.04 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

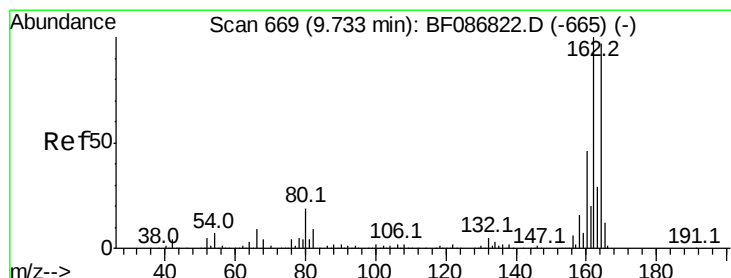
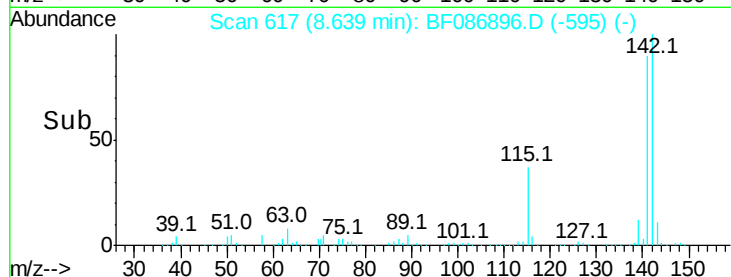
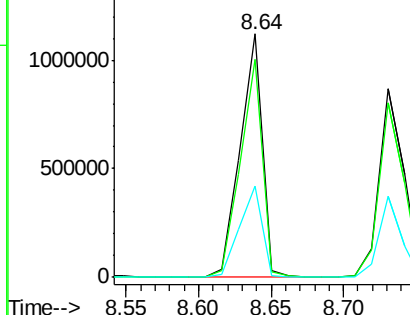
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	37.5	26.6	39.8

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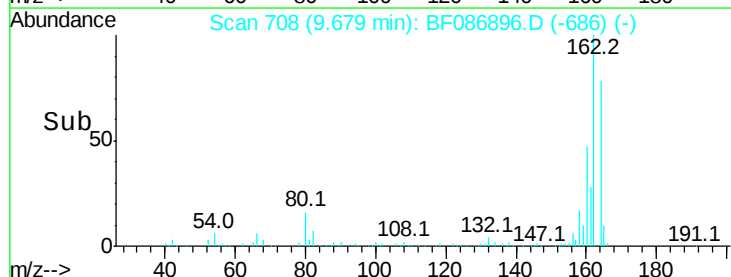
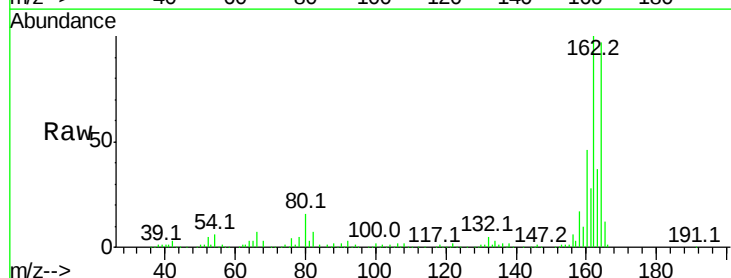
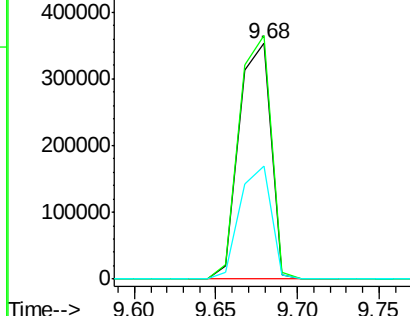
Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

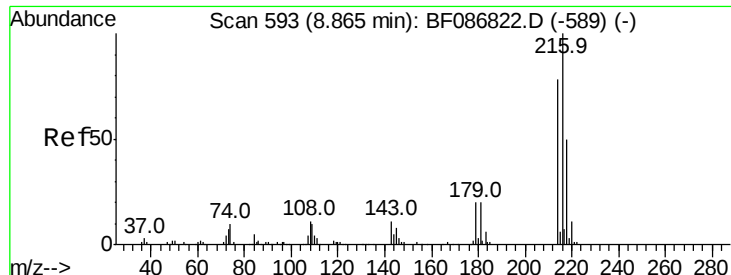


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	47.8	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
500000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.80 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

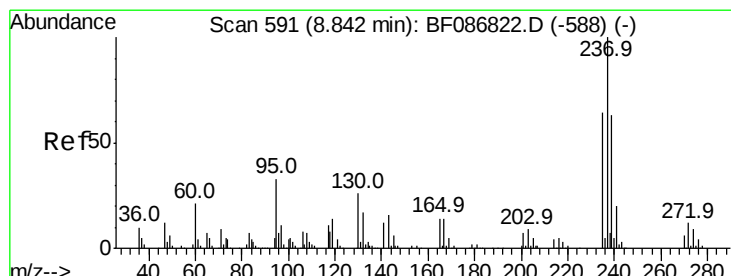
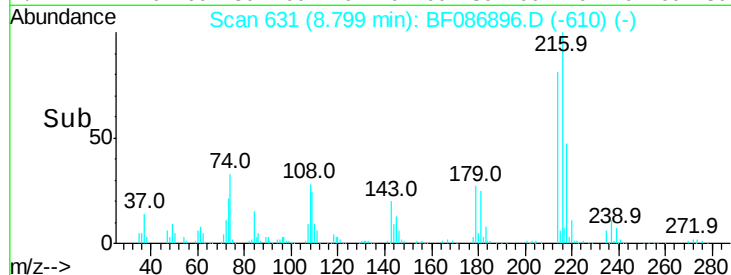
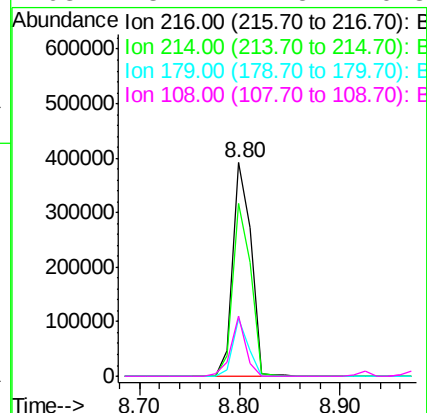
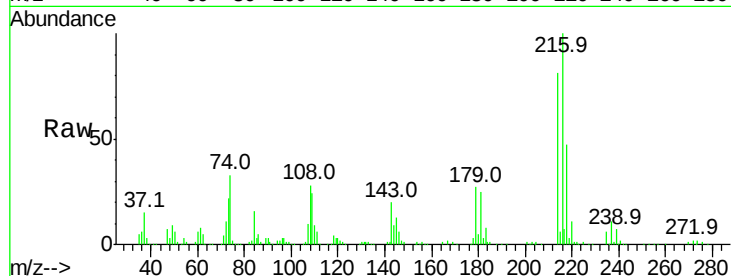
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	495229		
214	79.1	62.6	93.8	
179	23.2	18.2	27.4	
108	23.2	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 41.21 ng

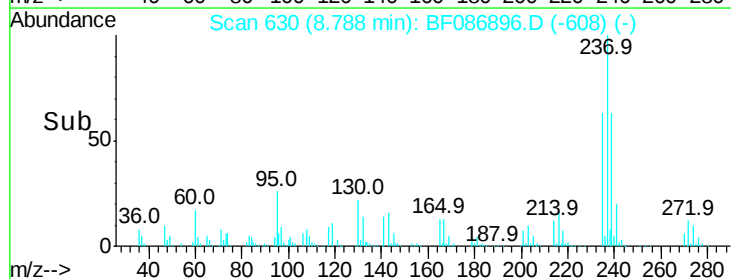
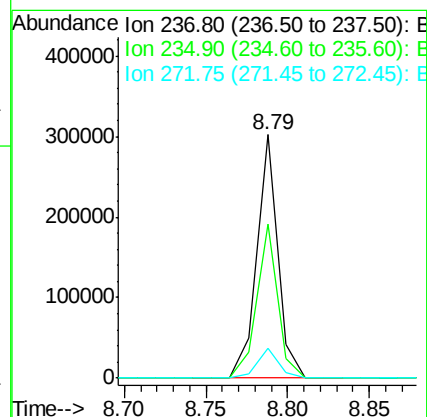
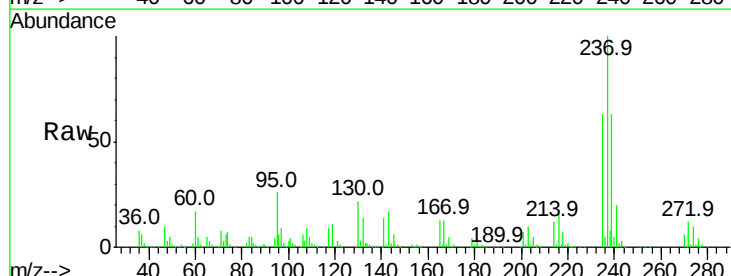
RT: 8.79 min Scan# 630

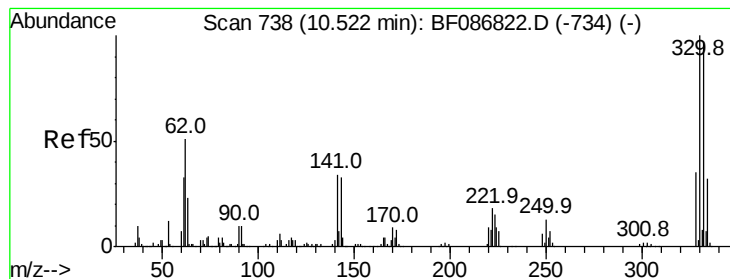
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	270631		
235	63.1	47.2	87.2	
272	12.0	0.0	31.1	





#41

2,4,6-Tribromophenol

Concen: 86.79 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

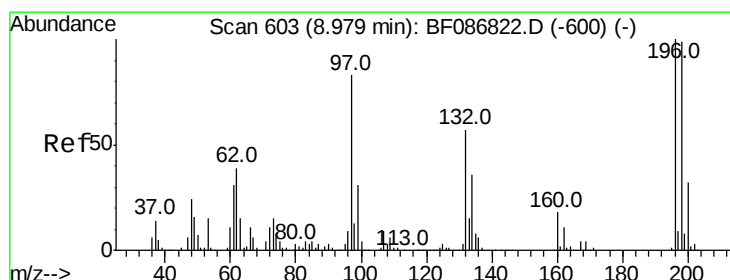
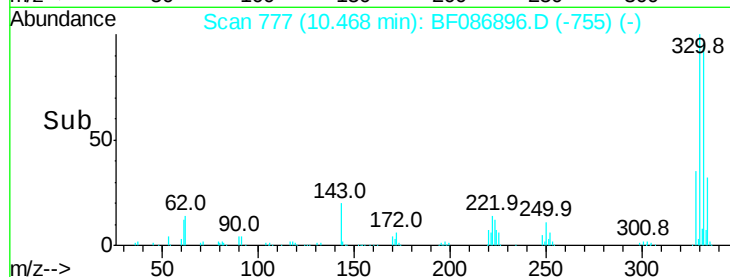
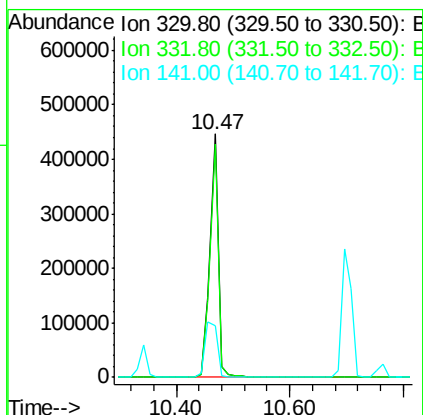
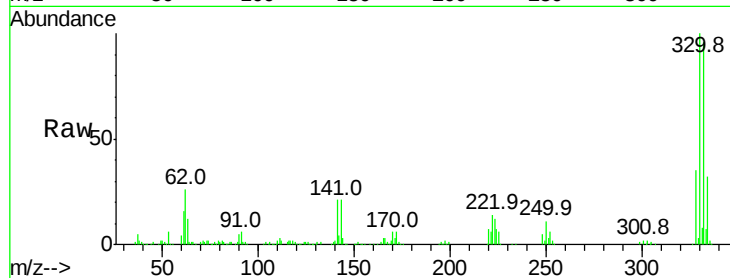
ClientSampleId :

SSTDCCC040

Tot Ion:	330	Resp:	437210
Ion Ratio	Lower	Upper	
330	100		
332	95.7	79.0	118.4
141	33.4	31.2	46.8

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#42

2,4,6-Trichlorophenol

Concen: 37.60 ng

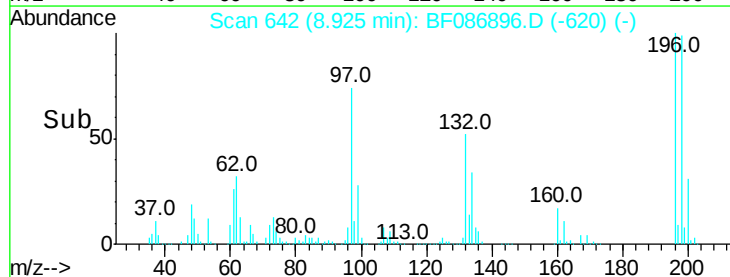
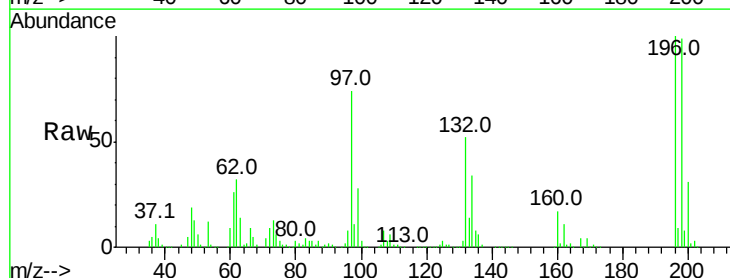
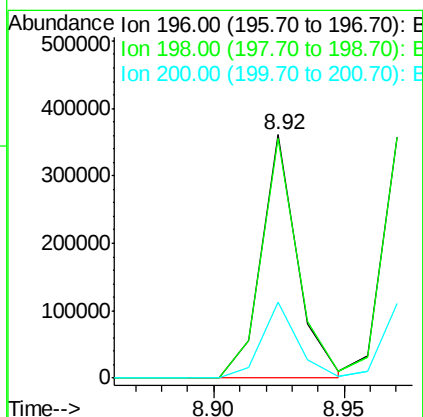
RT: 8.92 min Scan# 642

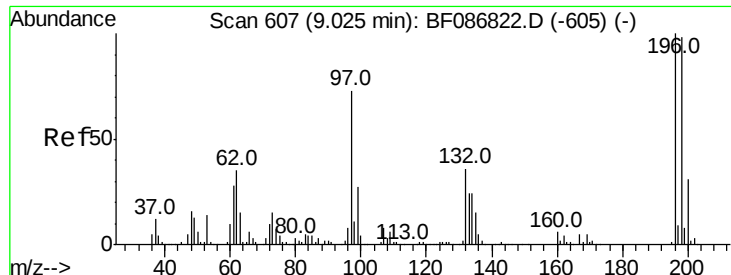
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	196	Resp:	347827
Ion Ratio	Lower	Upper	
196	100		
198	98.5	74.7	112.1
200	31.2	23.8	35.6





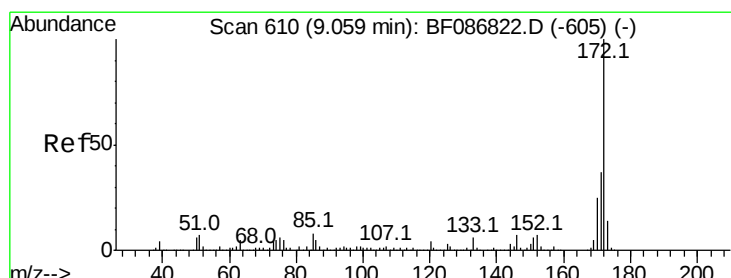
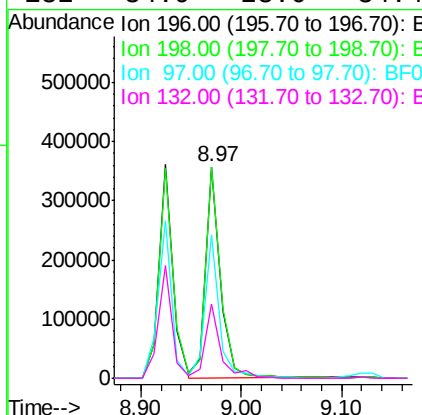
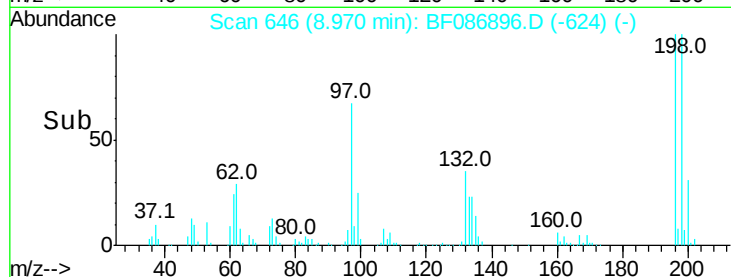
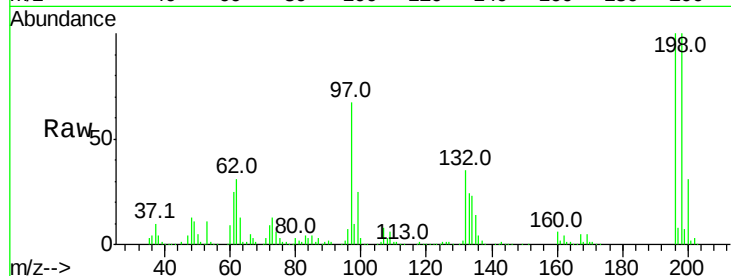
#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		366284		
198	99.8	77.5	116.3		
97	67.5	34.8	52.2#		
132	34.9	23.0	34.4#		

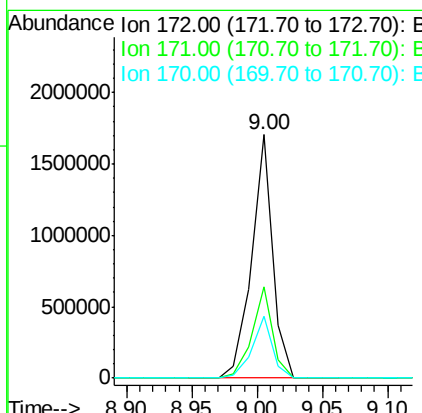
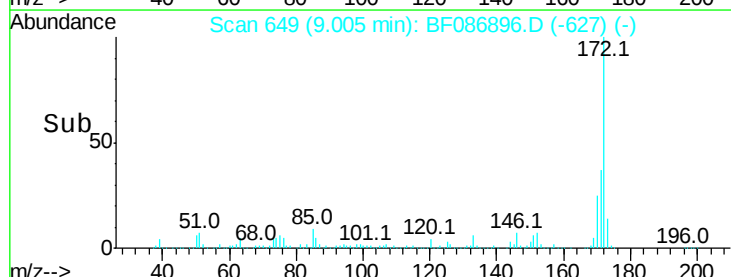
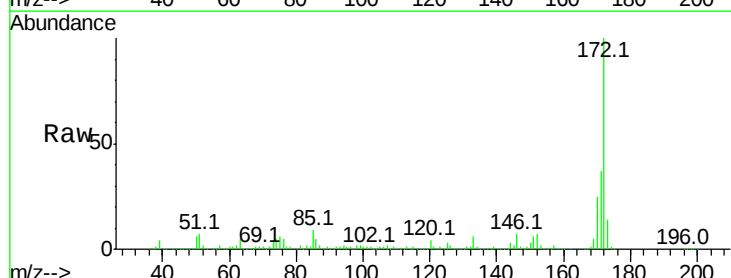
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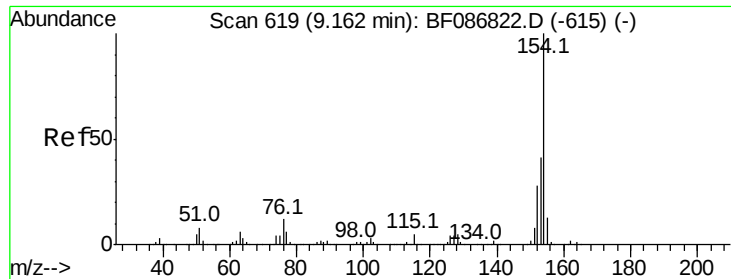
umangi
 5/12/2016 9:10:00 AM



#44
 2-Fluorobiphenyl
 Concen: 67.46 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1909891		
171	37.3	29.0	43.6		
170	25.3	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 39.88 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1509296

Ion Ratio Lower Upper

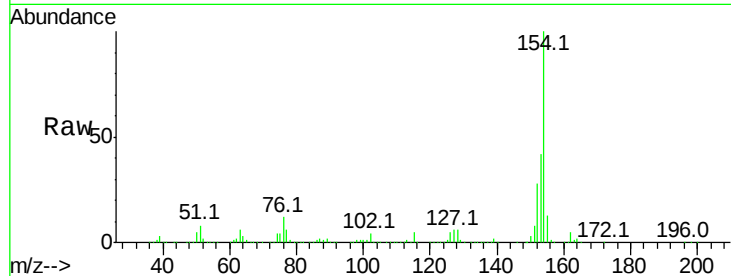
154 100

153 41.7 20.3 60.3

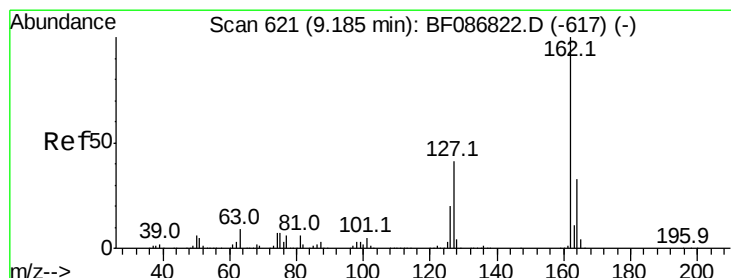
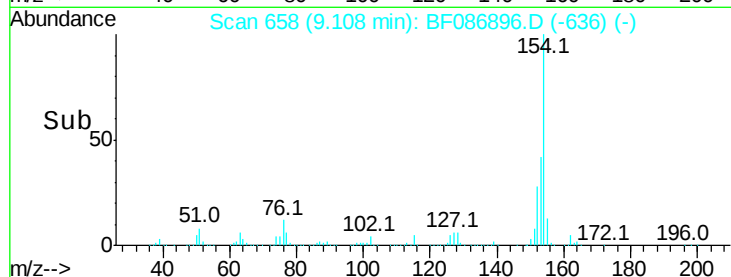
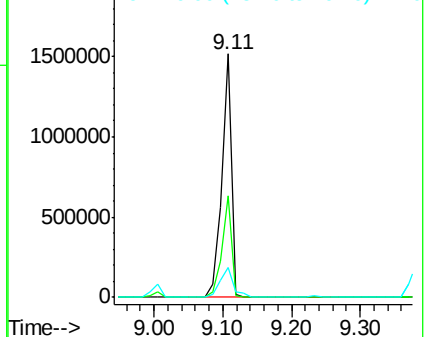
76 12.0 0.0 30.2

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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: 39.15 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

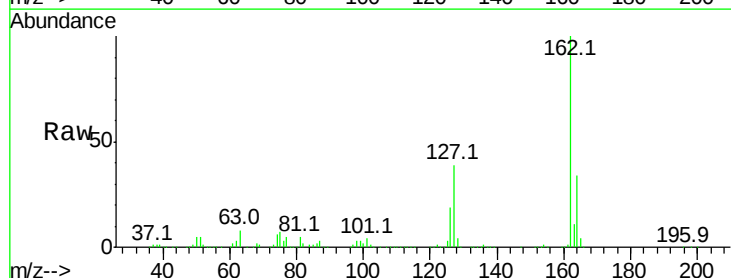
Tgt Ion:162 Resp: 1160884

Ion Ratio Lower Upper

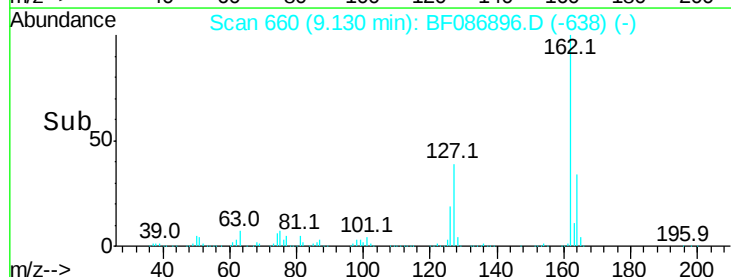
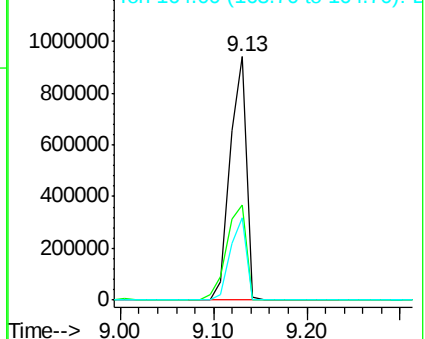
162 100

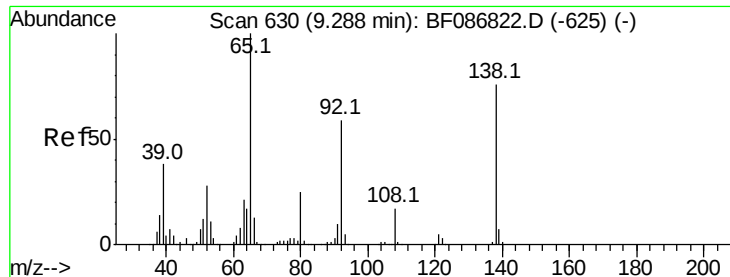
127 39.1 31.8 47.6

164 33.8 27.0 40.6



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





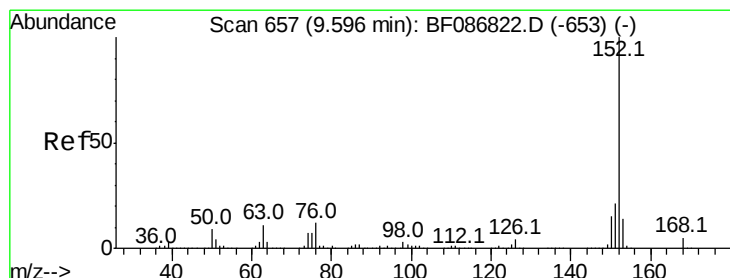
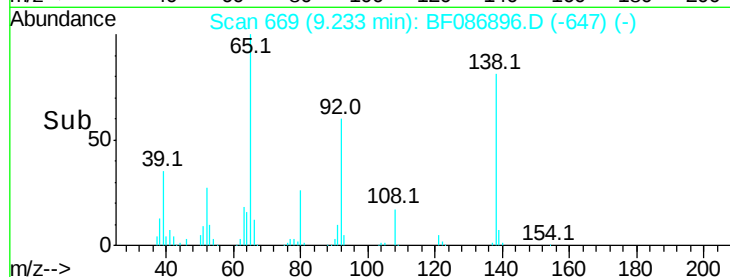
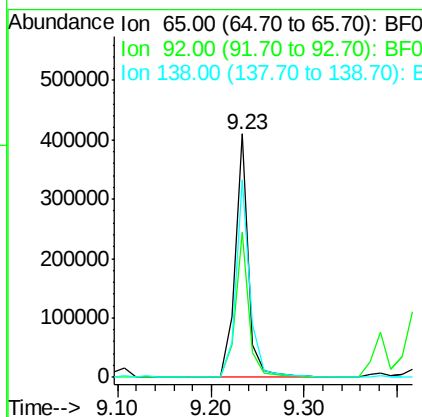
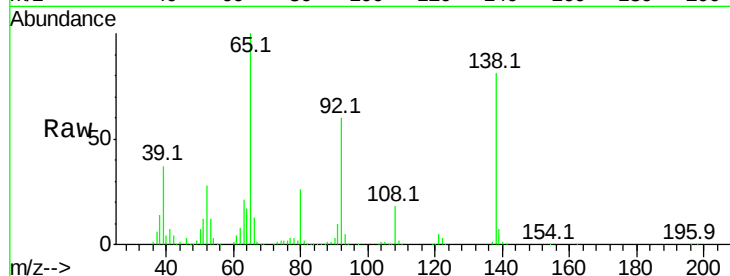
#47
2-Nitroaniline
Concen: 38.21 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	57.4	86.2
138	81.2	90.1	135.1#

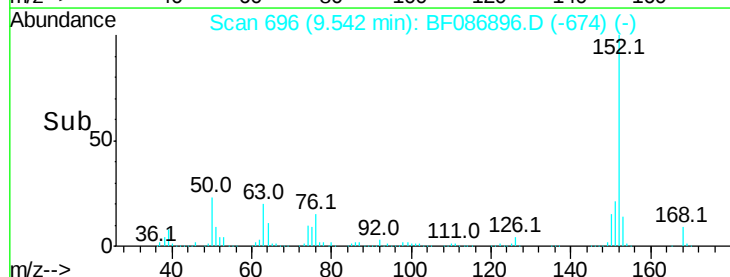
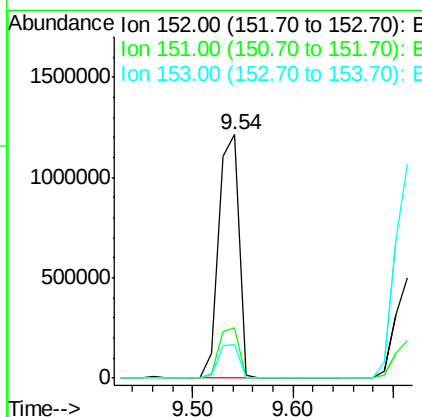
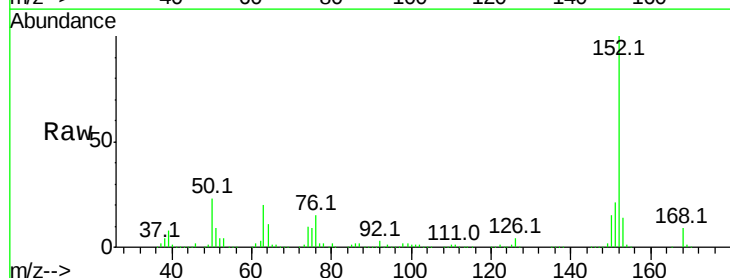
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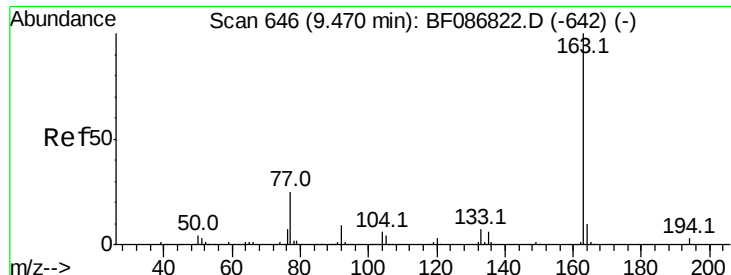
umangi
5/12/2016 9:10:00 AM



#48
Acenaphthylene
Concen: 38.90 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.6	10.9	16.3





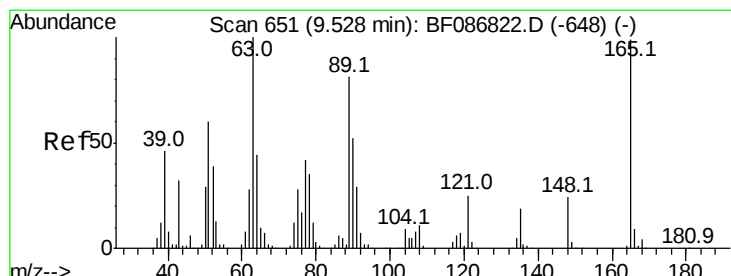
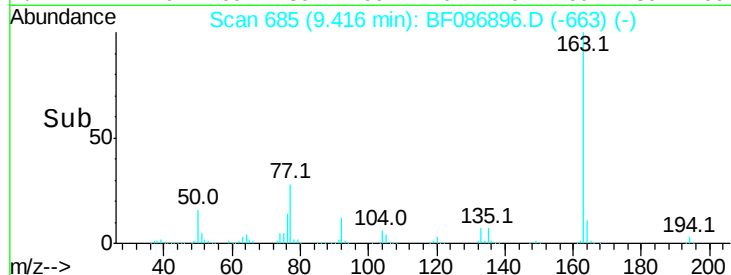
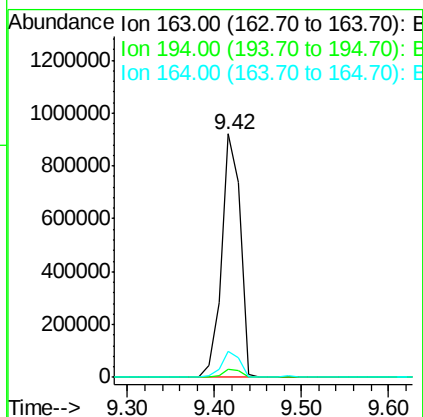
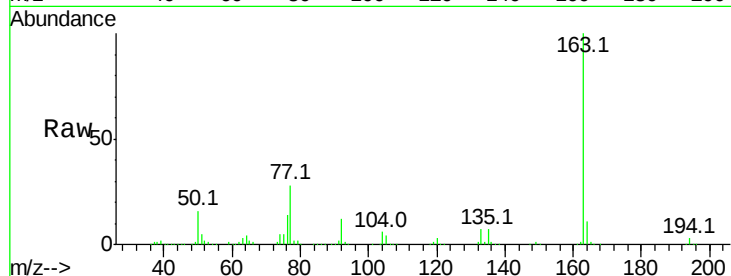
#49
Dimethylphthalate
Concen: 37.99 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1379164
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.8 8.2 12.4

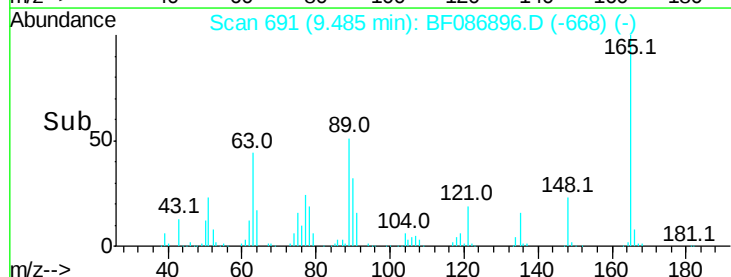
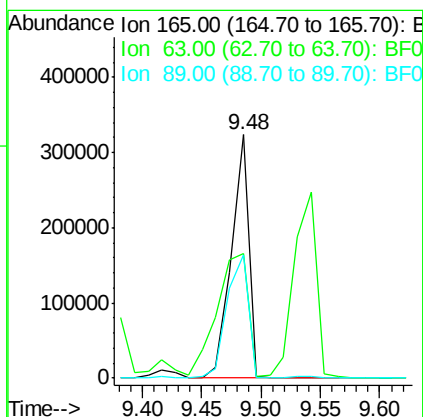
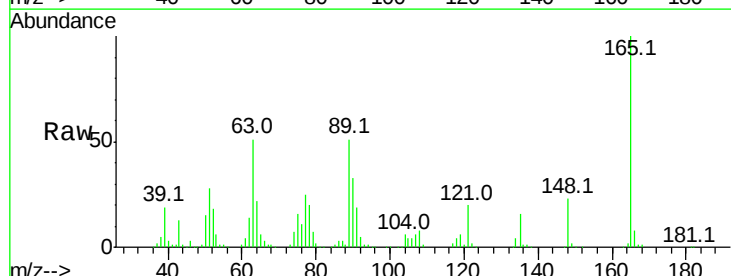
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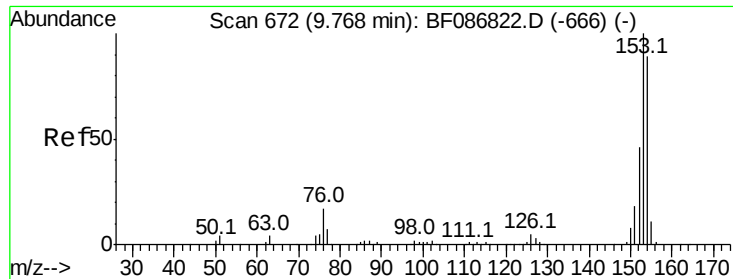
umangi
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#50
2,6-Dinitrotoluene
Concen: 43.50 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.04 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion:165 Resp: 332316
Ion Ratio Lower Upper
165 100
63 51.1 51.8 77.8#
89 50.9 50.7 76.1





#51

Acenaphthene

Concen: 41.39 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

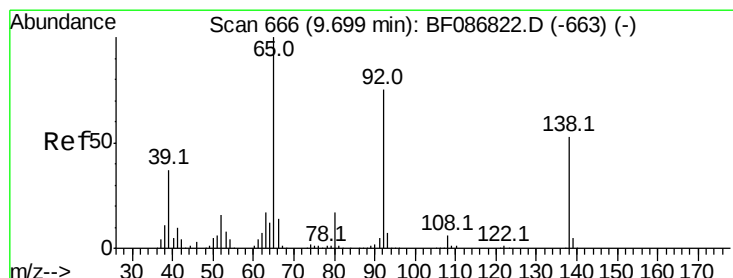
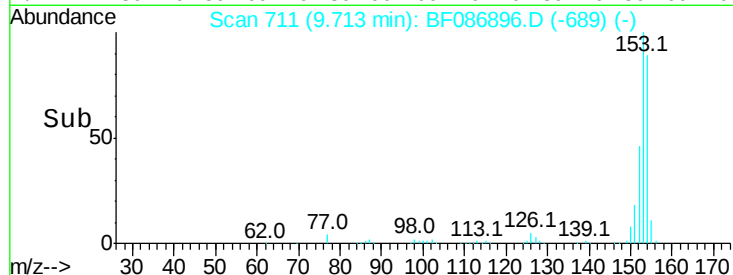
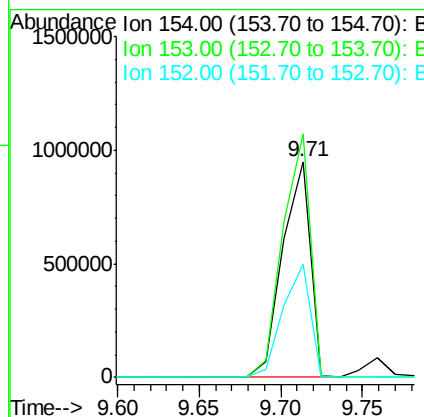
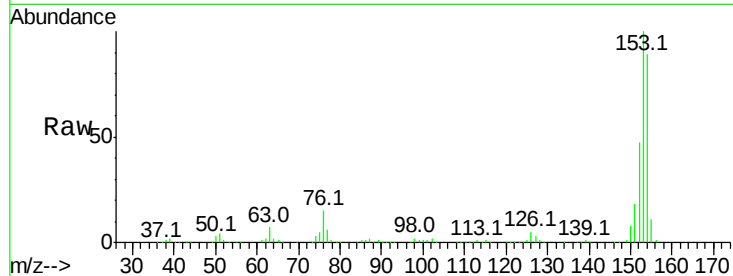
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	1123010
Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.6
152	52.5	43.4	65.0

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#52

3-Nitroaniline

Concen: 42.99 ng

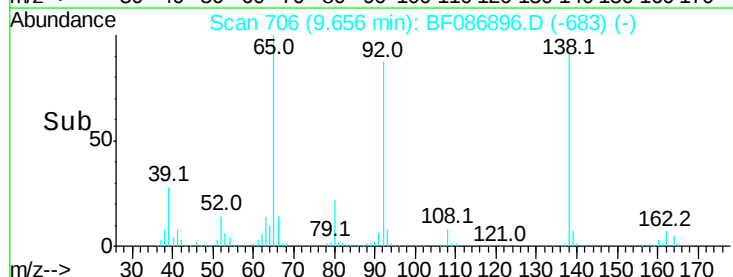
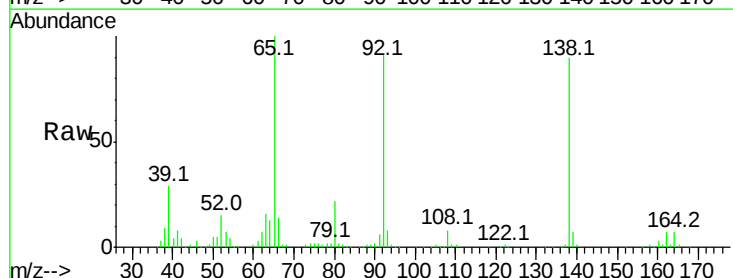
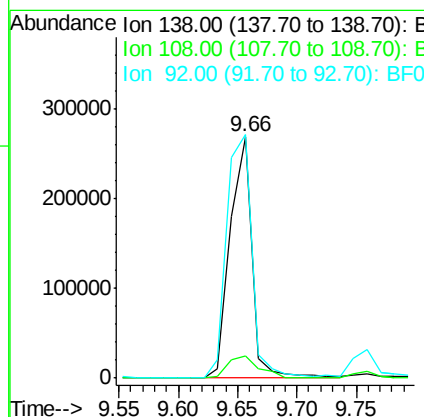
RT: 9.66 min Scan# 706

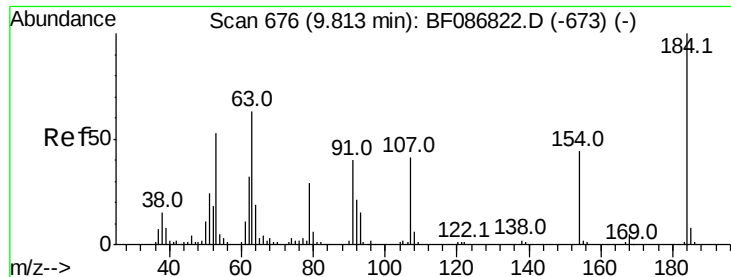
Delta R.T. -0.04 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	138	Resp:	345733
Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	100.9	87.8	131.8





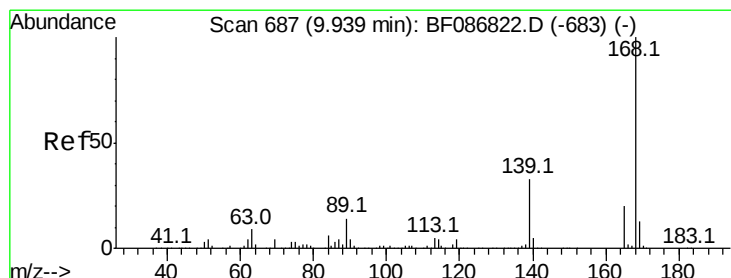
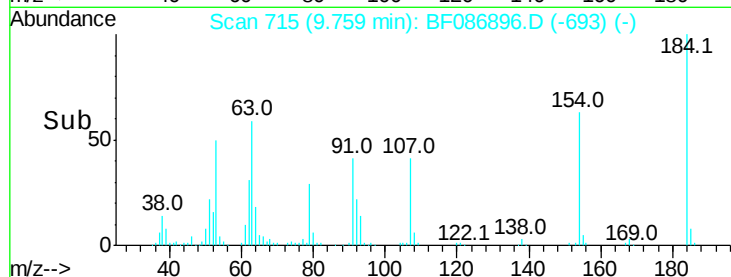
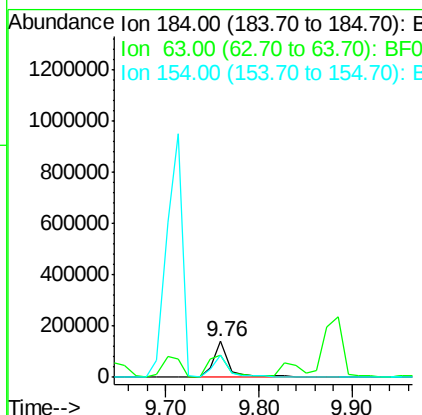
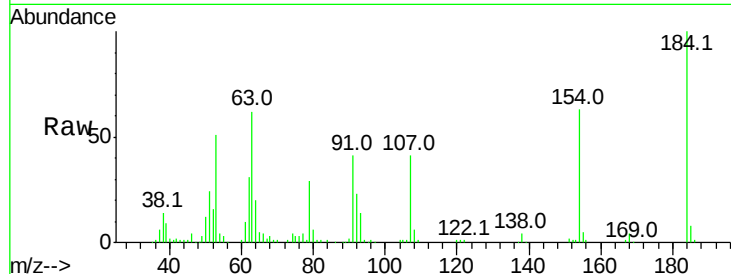
#53
 2,4-Dinitrophenol
 Concen: 46.06 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	165745		
63	61.6	55.8	83.8	
154	62.8	62.4	93.6	

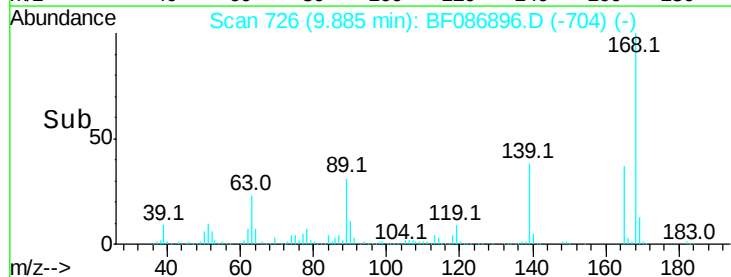
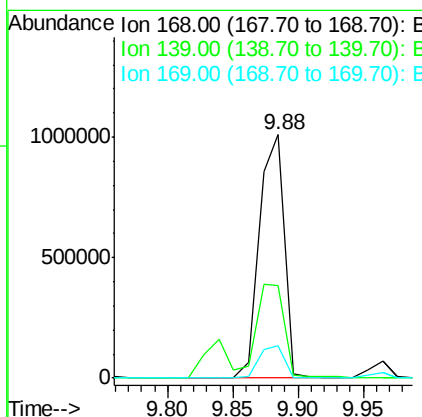
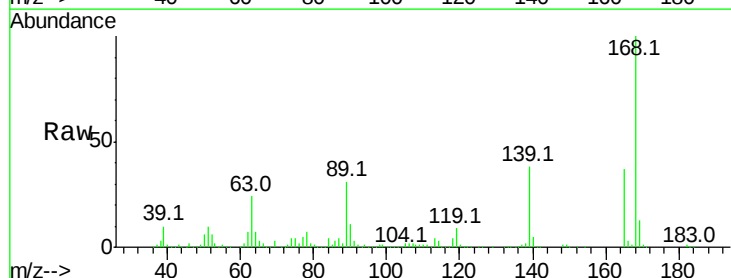
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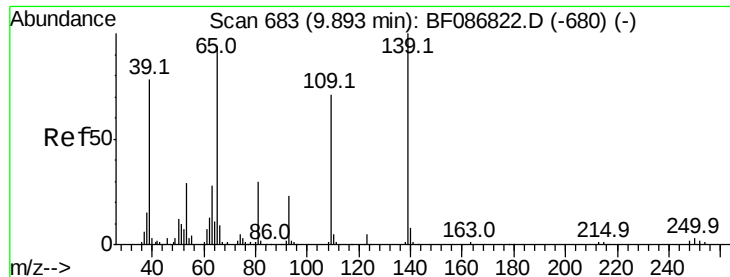
umangi
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#54
 Dibenzofuran
 Concen: 38.57 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1343297		
139	37.8	31.4	47.0	
169	13.2	10.7	16.1	





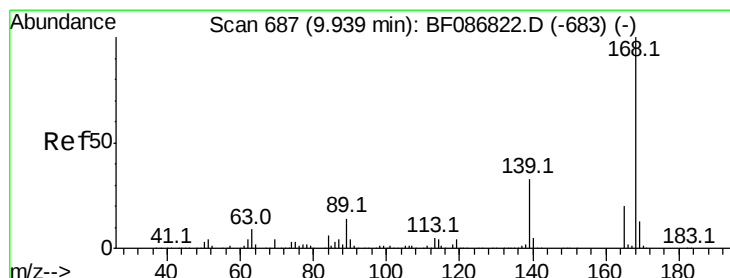
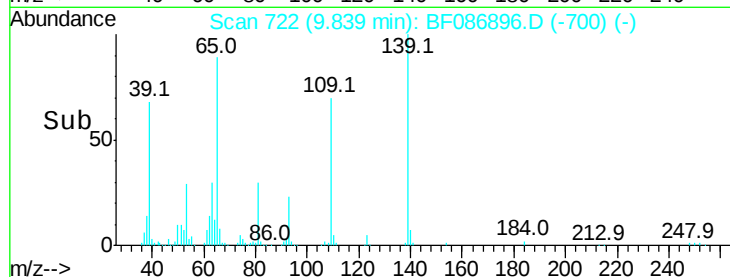
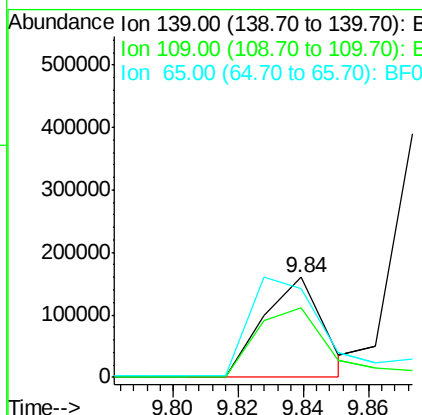
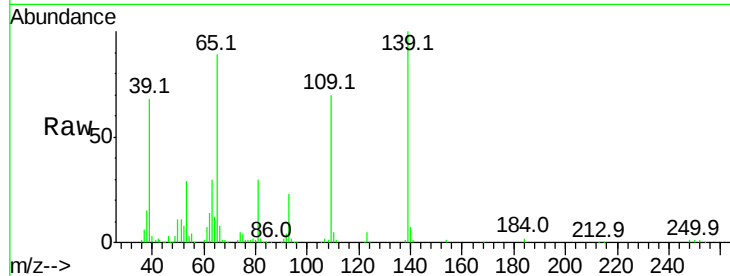
#55
4-Nitrophenol
Concen: 40.01 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	201600		
109	69.7	36.9	76.9	
65	89.0	64.0	104.0	

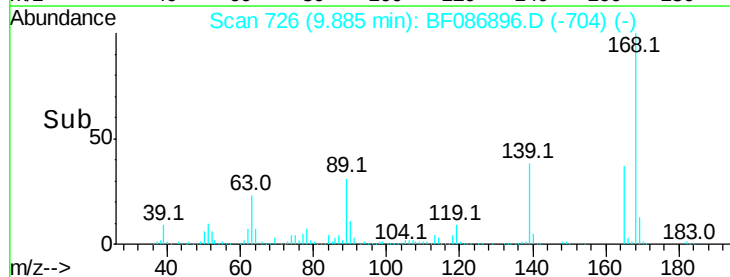
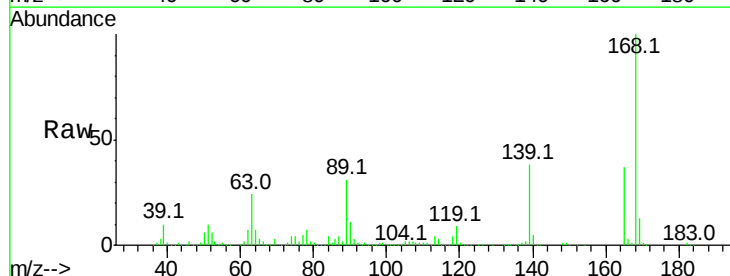
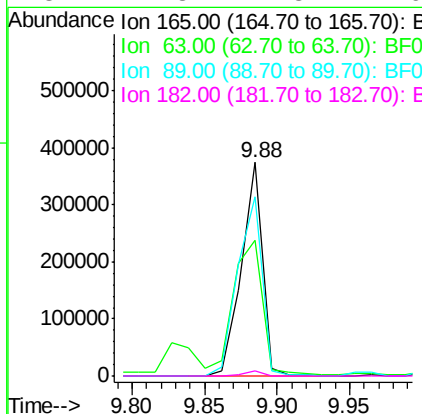
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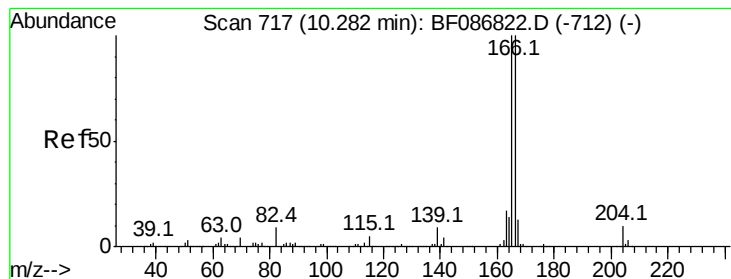
umangi
5/12/2016 9:10:00 AM



#56
2,4-Dinitrotoluene
Concen: 40.29 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	380897		
63	63.8	44.3	66.5	
89	84.1	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 36.45 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1082712

Ion Ratio Lower Upper

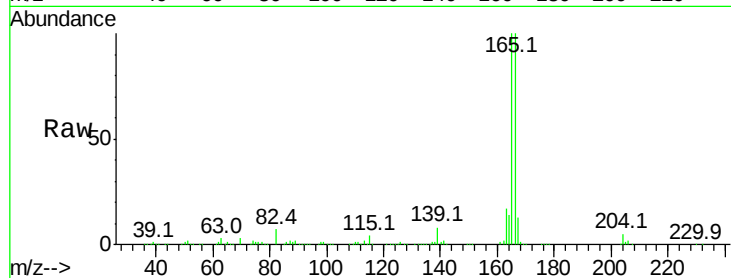
166 100

165 99.5 79.0 118.6

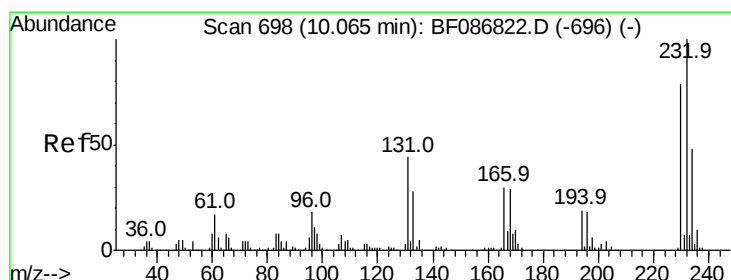
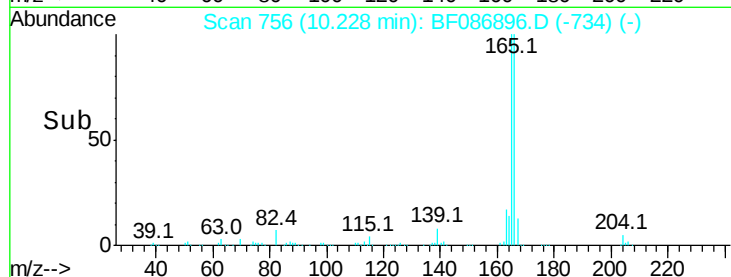
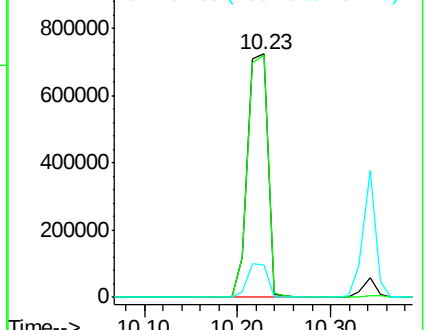
167 13.1 10.6 15.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.35 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:232 Resp: 290622

Ion Ratio Lower Upper

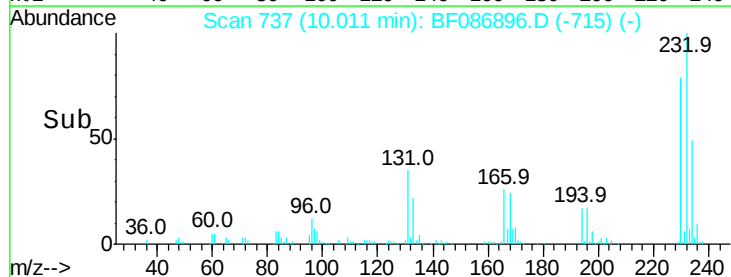
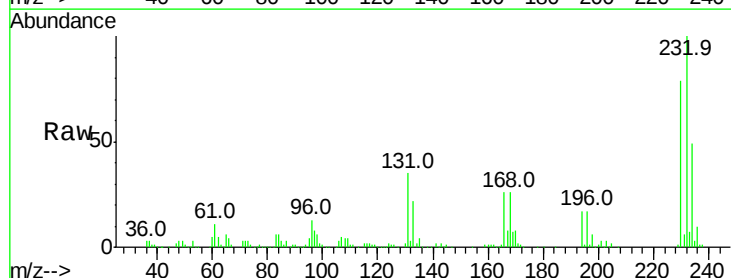
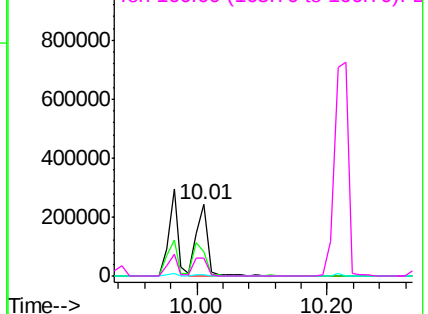
232 100

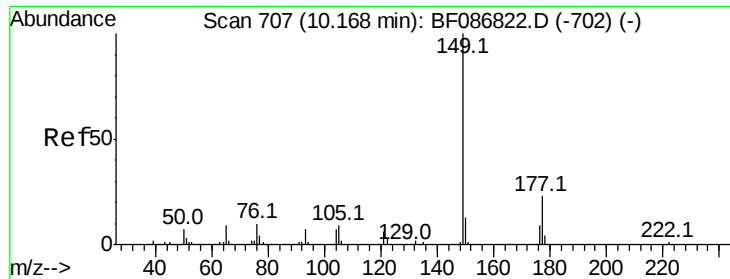
131 49.6 41.9 62.9

130 2.6 2.2 3.4

166 30.7 26.8 40.2

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





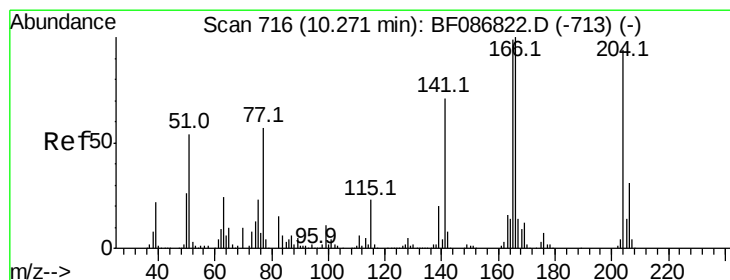
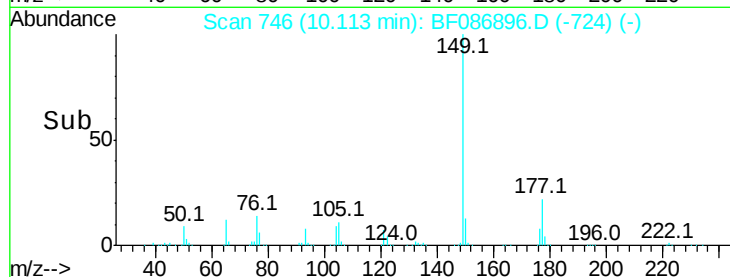
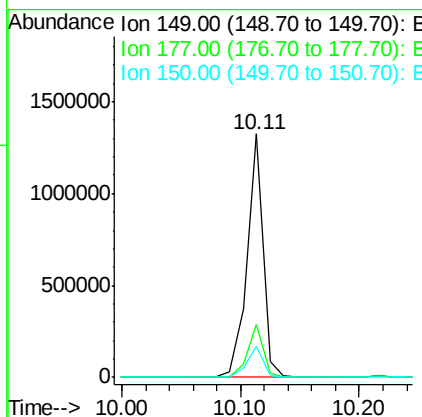
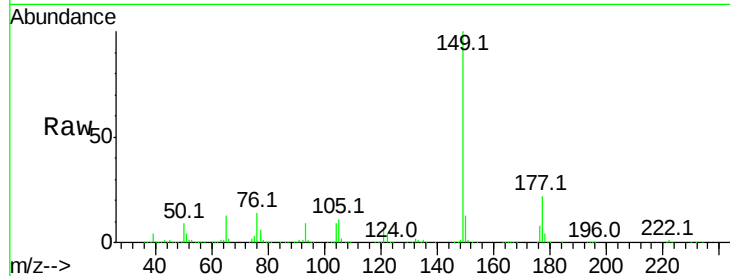
#59
Diethylphthalate
Concen: 35.40 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1252320
Ion Ratio Lower Upper
149 100
177 21.8 16.6 24.8
150 13.0 10.0 15.0

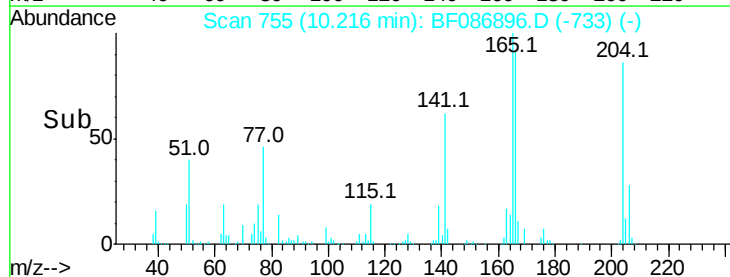
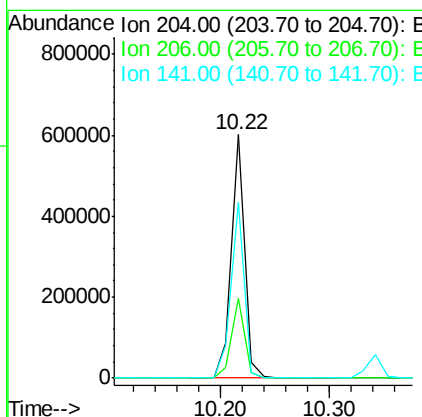
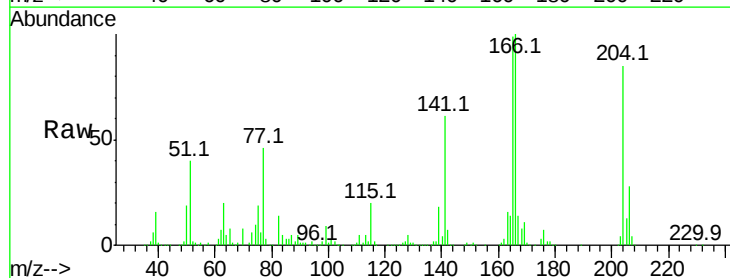
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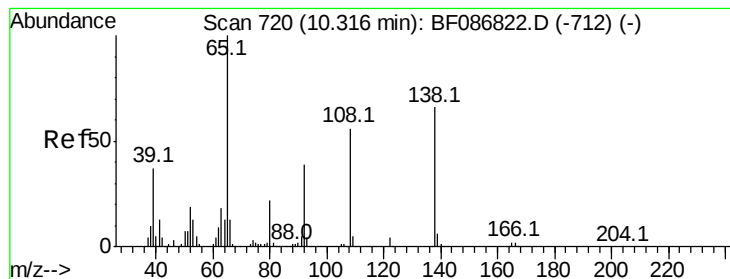
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 37.26 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion:204 Resp: 502830
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 72.1 61.6 92.4





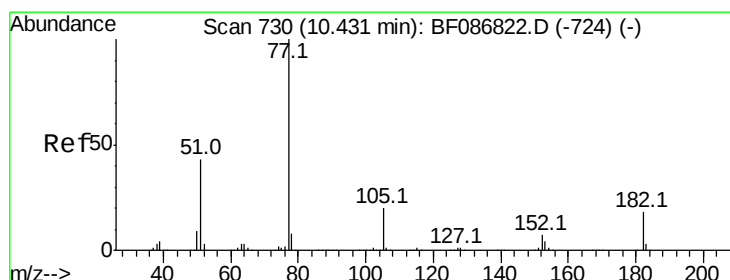
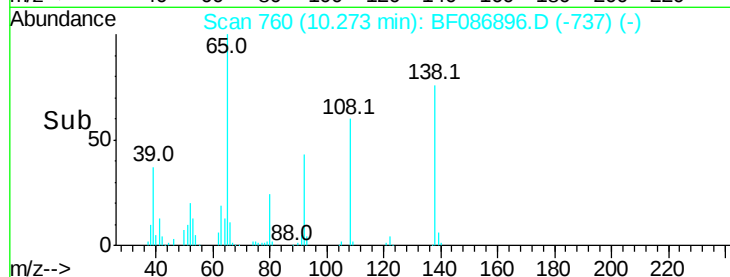
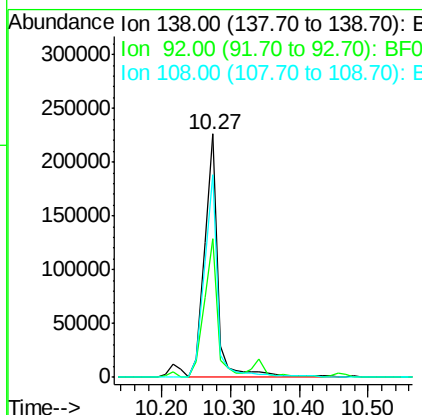
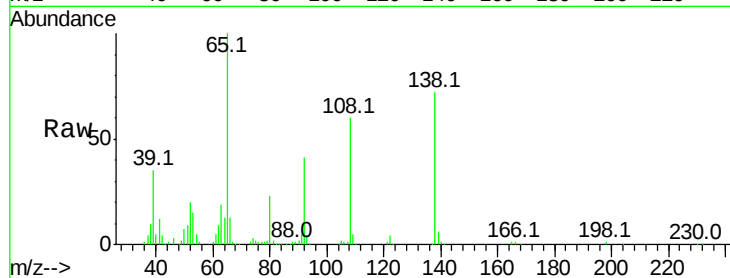
#61
4-Nitroaniline
Concen: 38.99 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.04 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	24.7	64.7
108	83.1	37.4	77.4

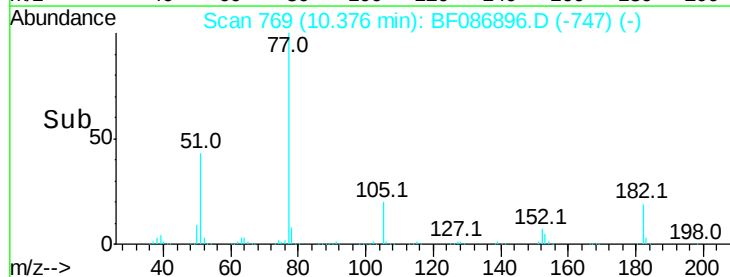
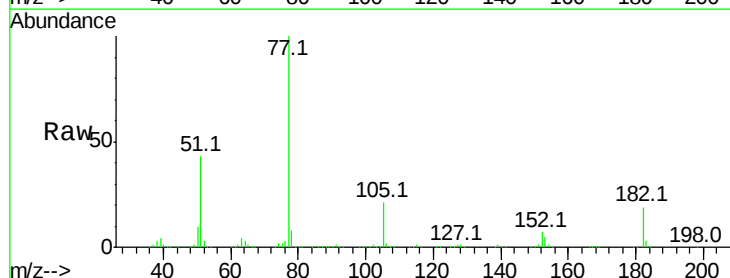
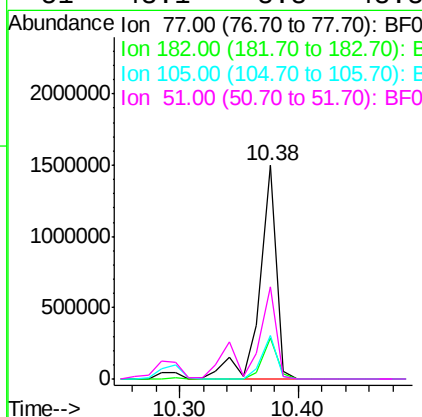
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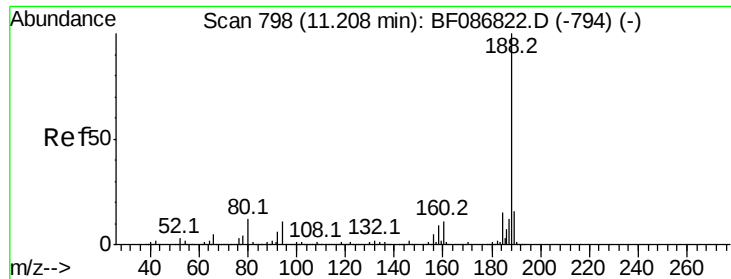
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#62
Azobenzene
Concen: 38.64 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	0.0	38.8
105	20.6	3.2	43.2
51	43.1	8.8	48.8





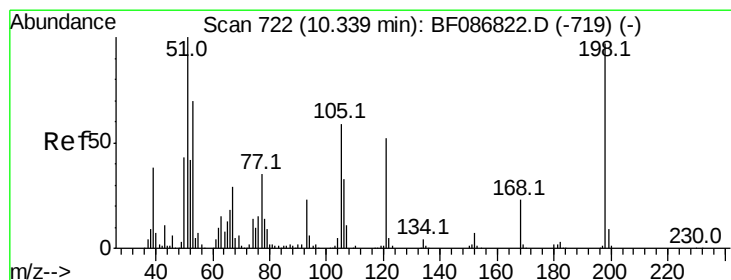
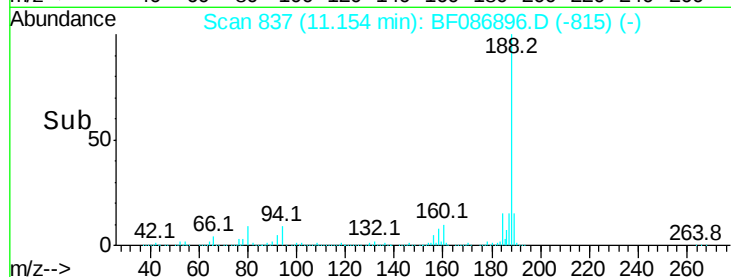
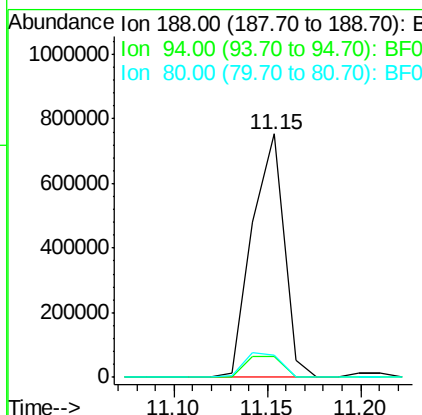
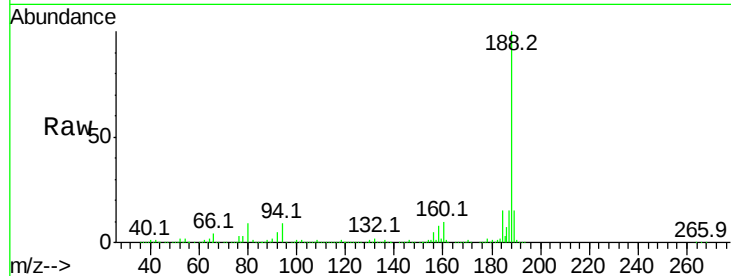
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	892839		
94	8.7	6.8	10.2	
80	9.2	7.1	10.7	

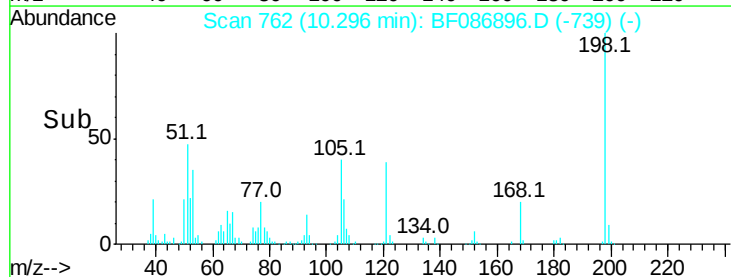
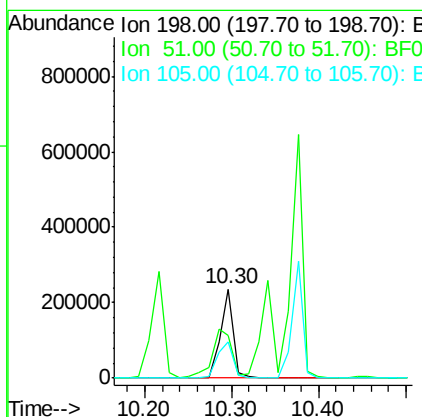
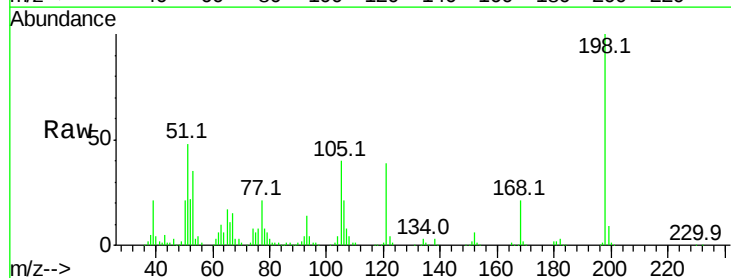
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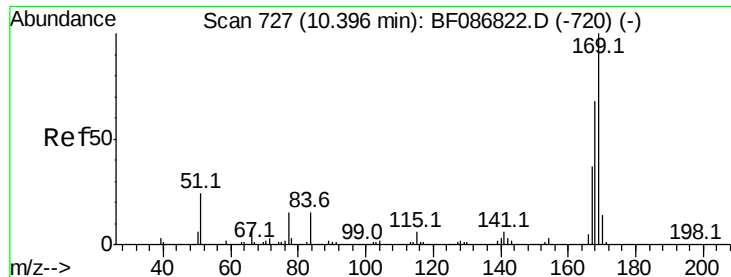
umangi
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.30 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.04 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	251248		
51	47.7	20.5	60.5	
105	40.0	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 34.78 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

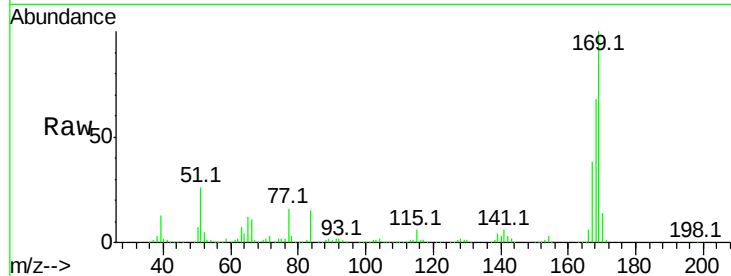
ClientSampleId :

SSTDCCC040

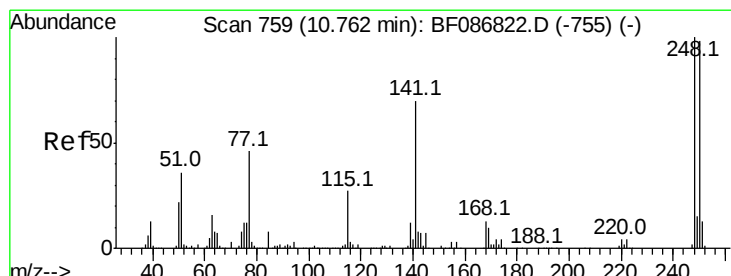
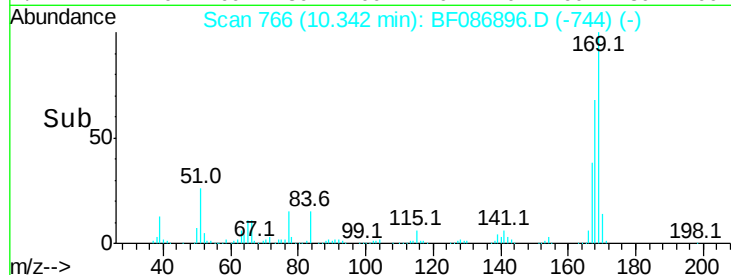
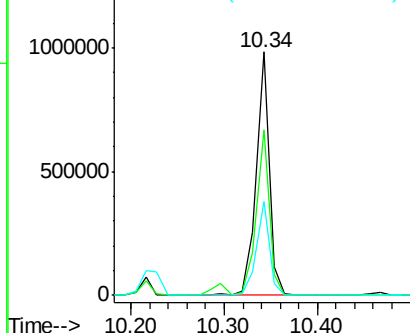
Tot Ion:	169	Resp:	954016
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.8	80.6
167	38.3	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.77 ng

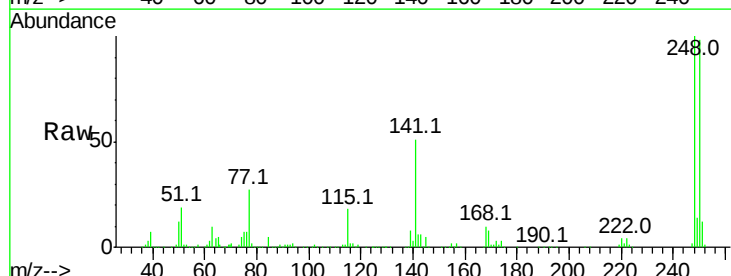
RT: 10.71 min Scan# 798

Delta R.T. -0.05 min

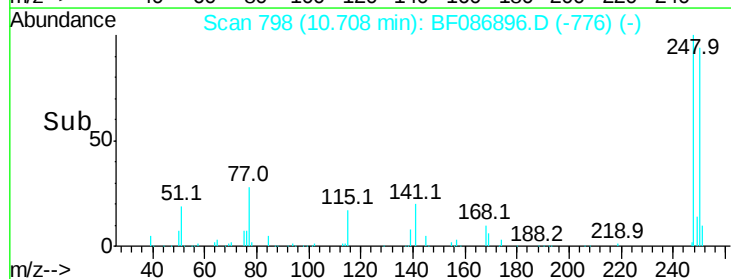
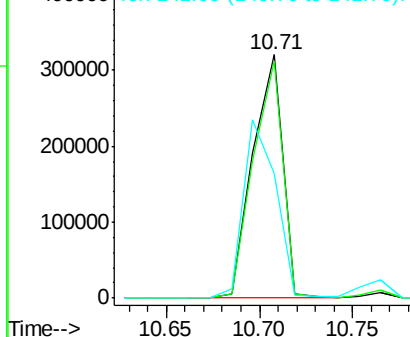
Lab File: BF086896.D

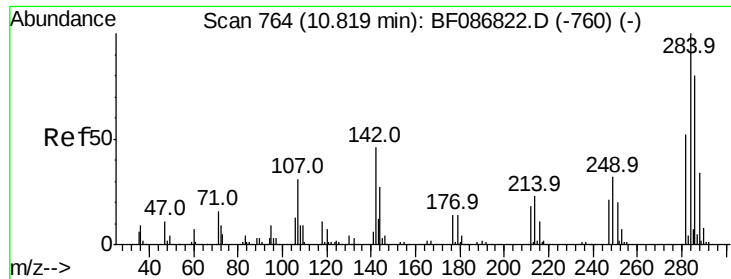
Acq: 11 May 2016 19:09

Tgt Ion:	248	Resp:	360005
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	117.8
141	51.0	76.0	114.0#



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





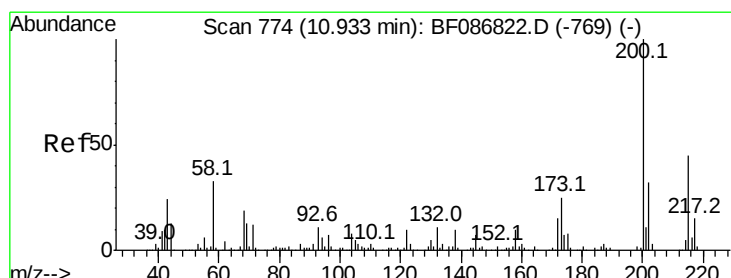
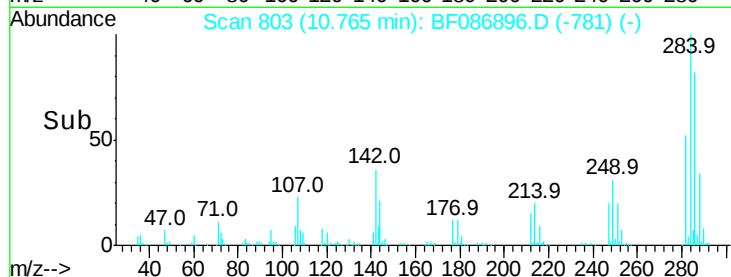
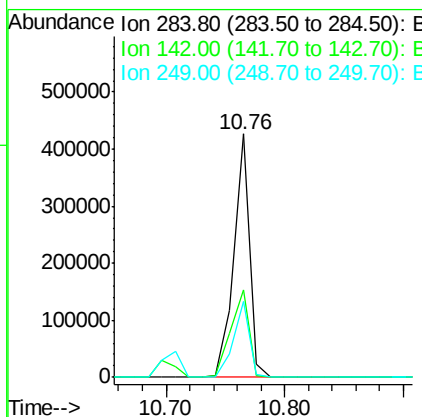
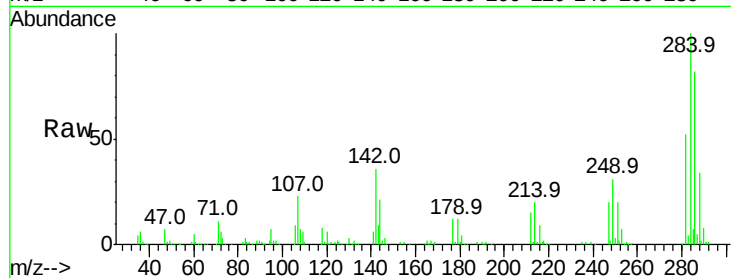
#67
Hexachlorobenzene
Concen: 37.15 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.0	16.7	25.1#	
249	31.2	21.3	31.9	

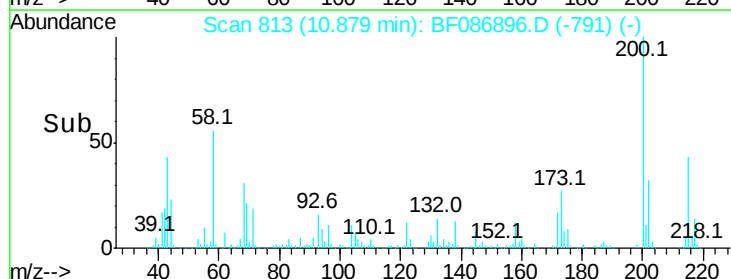
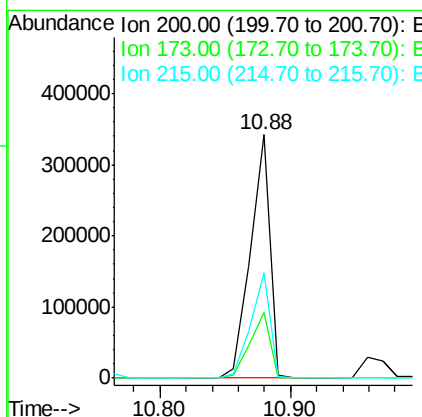
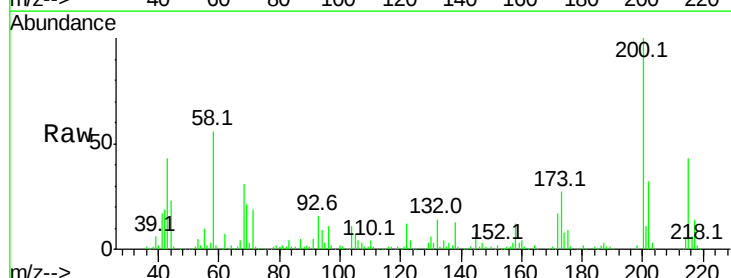
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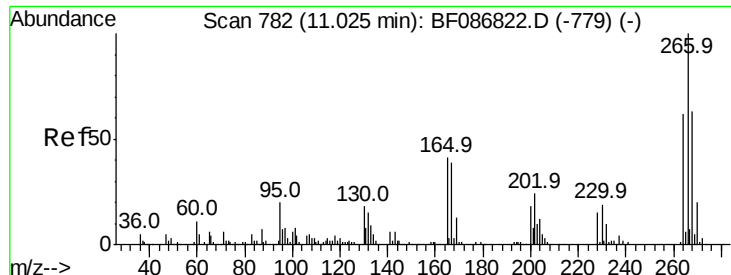
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#68
Atrazine
Concen: 38.90 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	8.5	48.5	
215	43.0	27.2	67.2	





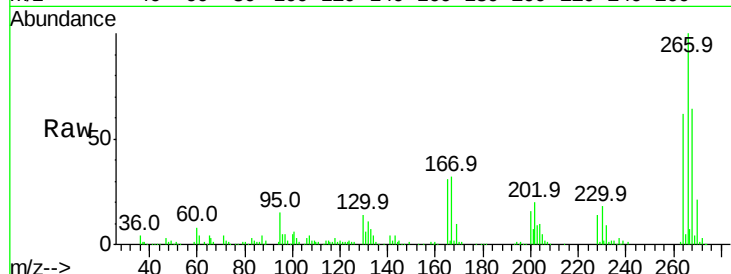
#69
 Pentachlorophenol
 Concen: 45.51 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

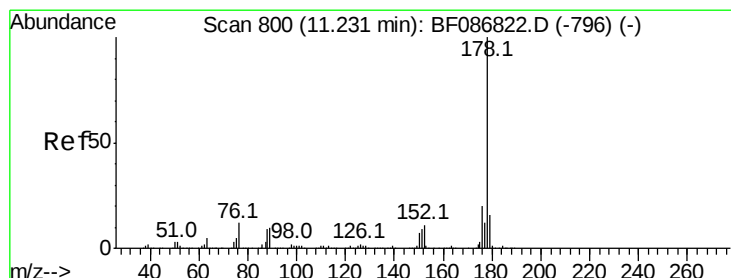
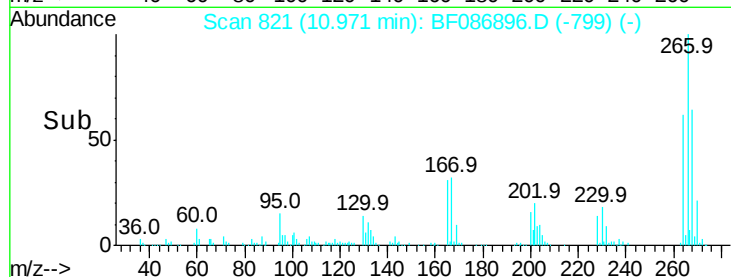
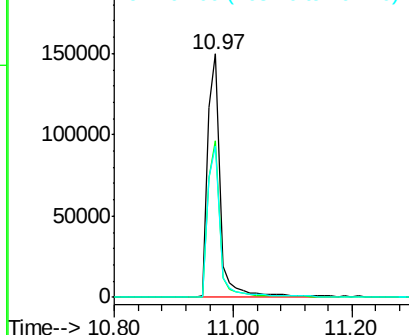
Tot Ion	Ratio	Resp	Lower	Upper
266	100	222509		
268	64.1		51.5	77.3
264	61.9		52.9	79.3

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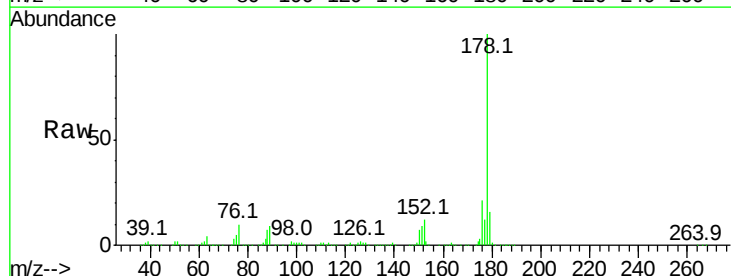


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

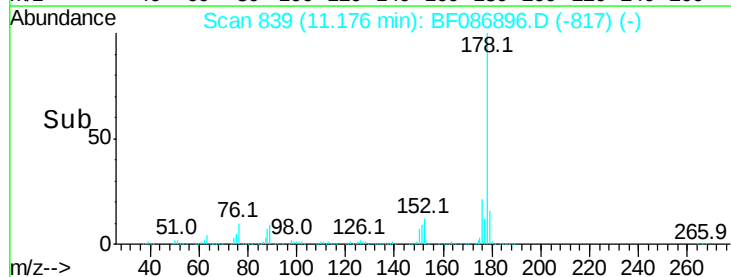
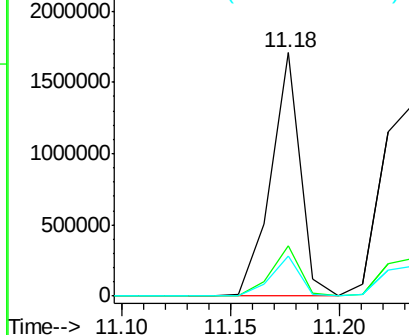


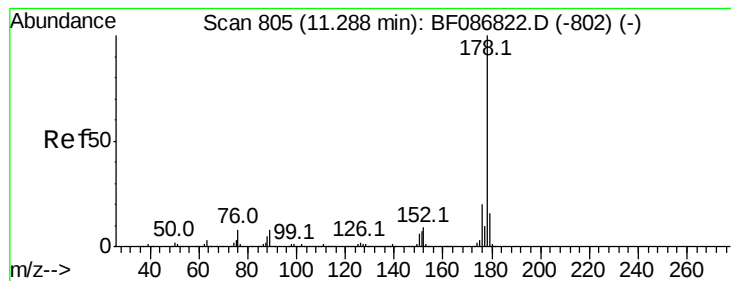
#70
 Phenanthrene
 Concen: 33.77 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1609269		
176	20.7		16.0	24.0
179	16.2		12.6	18.8



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





#71

Anthracene

Concen: 37.10 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1807652

Ion Ratio Lower Upper

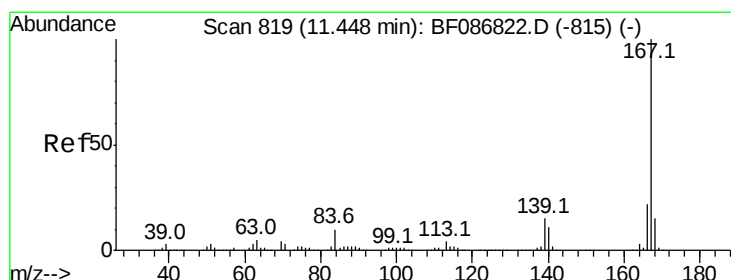
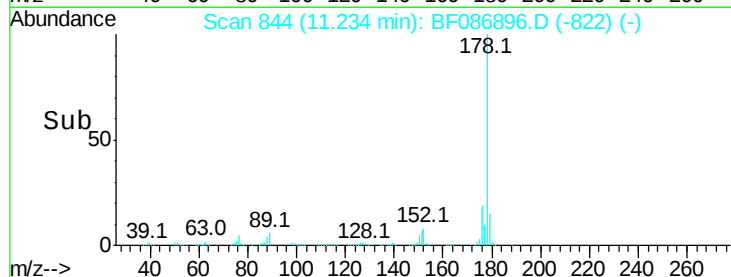
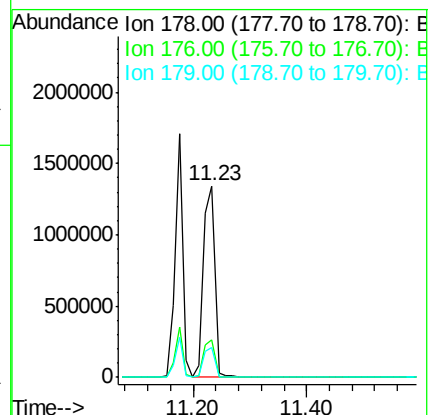
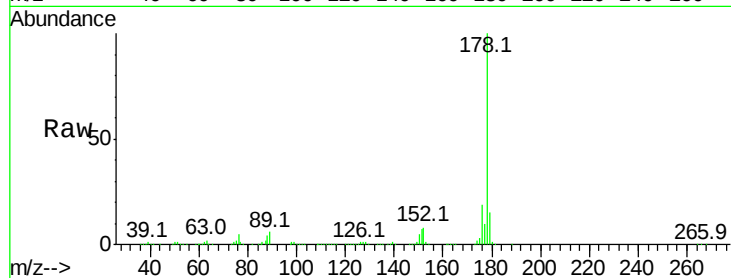
178 100

176 19.4 15.6 23.4

179 15.4 12.7 19.1

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#72

Carbazole

Concen: 40.52 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

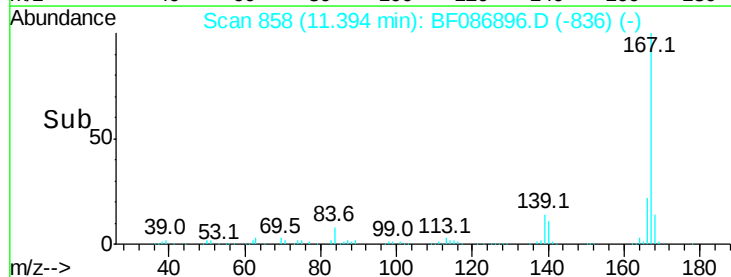
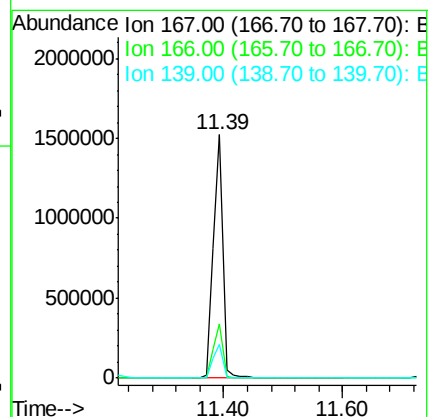
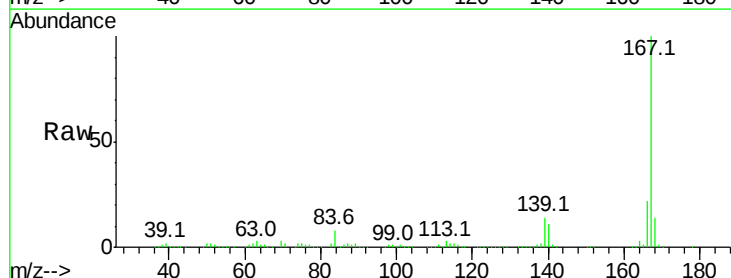
Tgt Ion:167 Resp: 1697473

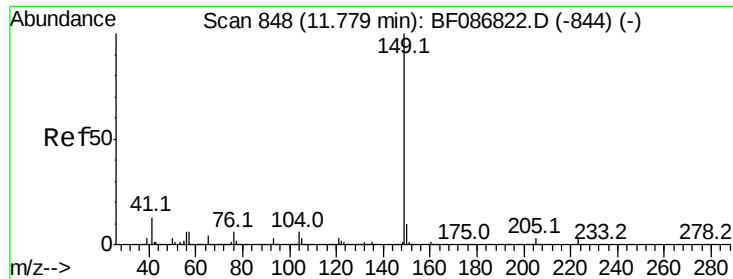
Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 14.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 36.25 ng

RT: 11.73 min Scan# 887

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1854609

Ion Ratio Lower Upper

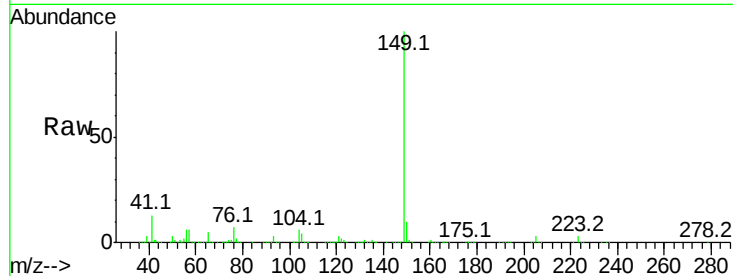
149 100

150 9.8 7.6 11.4

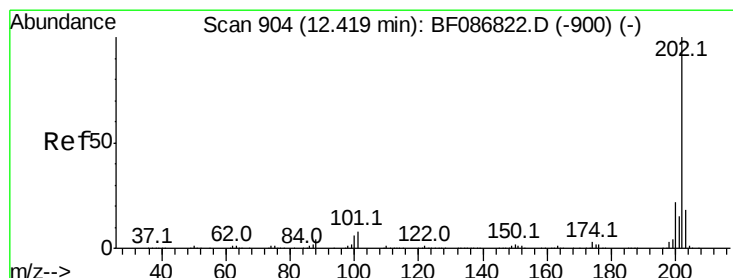
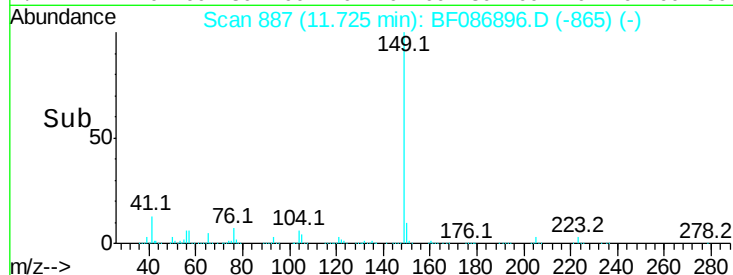
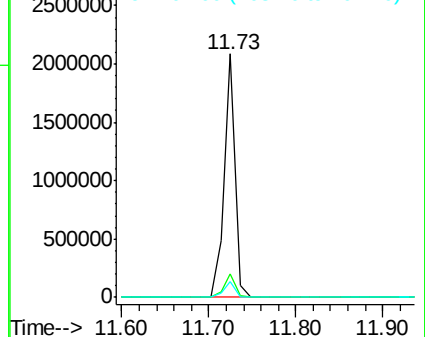
104 6.3 3.8 5.6#

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



#74

Fluoranthene

Concen: 32.57 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

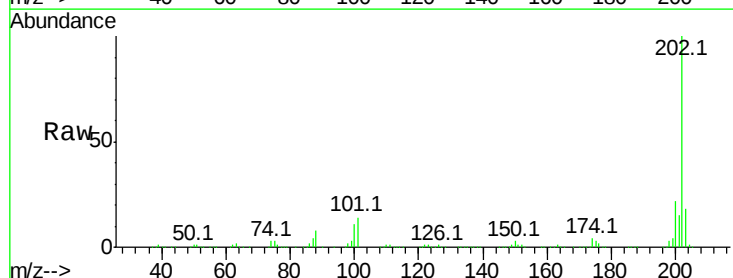
Tgt Ion:202 Resp: 1596074

Ion Ratio Lower Upper

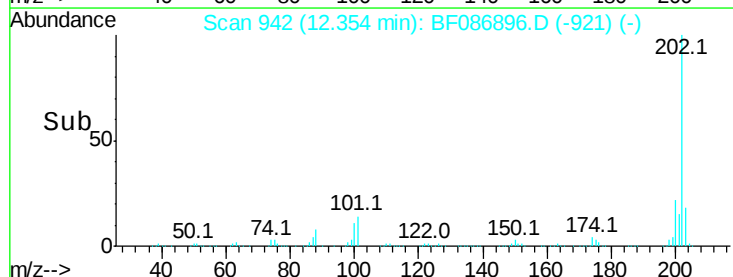
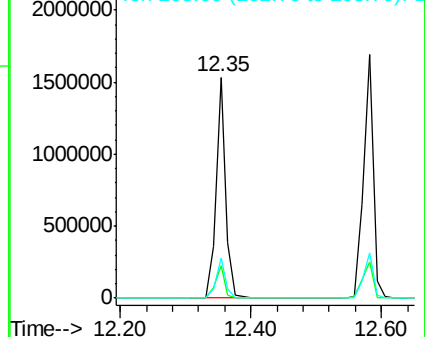
202 100

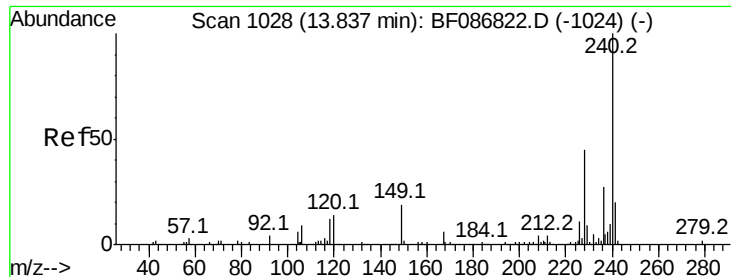
101 14.4 0.0 35.4

203 18.3 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

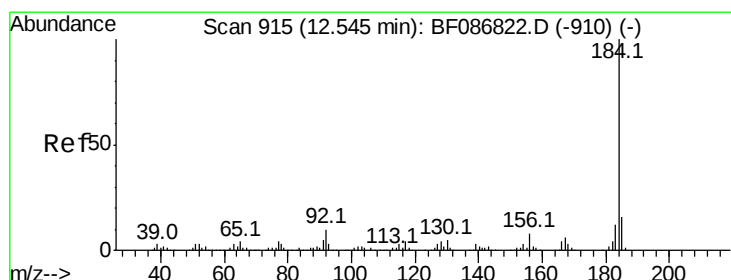
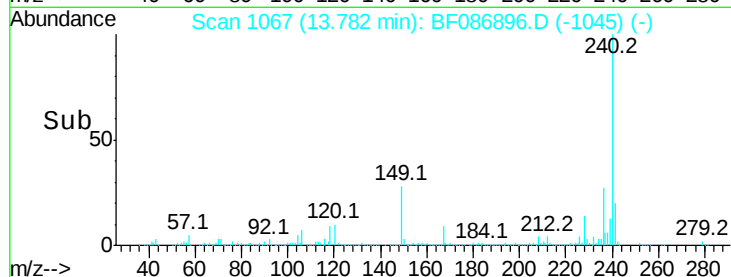
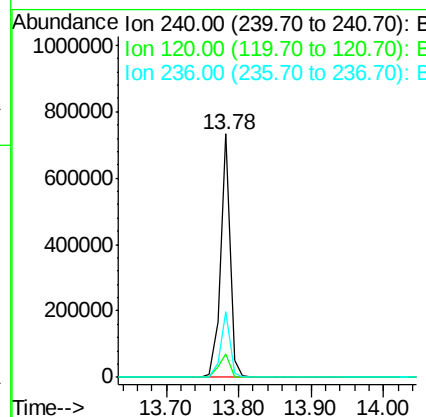
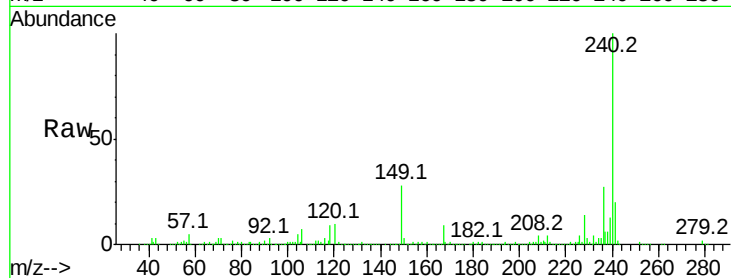
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	668323
Ion Ratio	Lower	Upper	
240	100		
120	9.8	11.2	16.8#
236	26.8	21.2	31.8

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#76

Benzidine

Concen: 47.56 ng

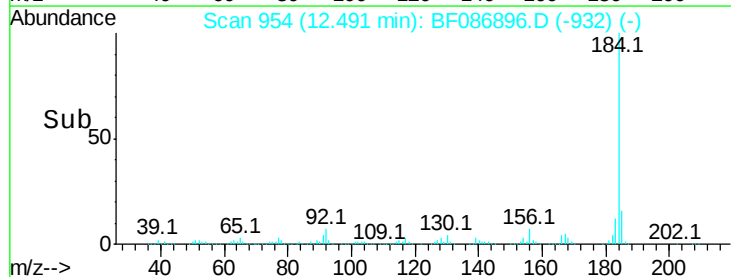
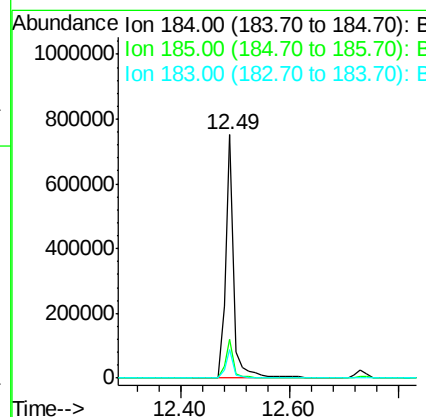
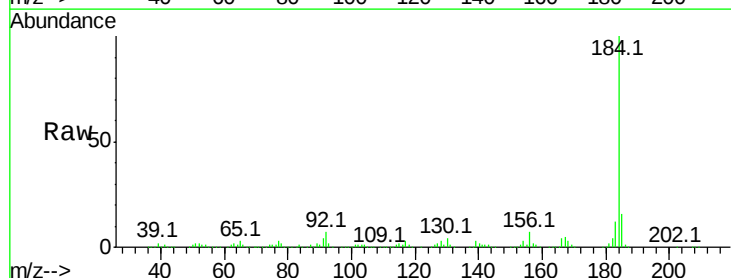
RT: 12.49 min Scan# 954

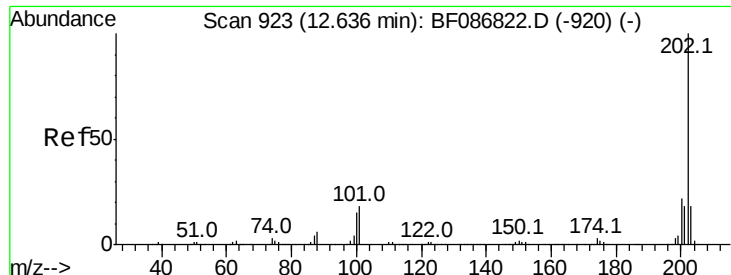
Delta R.T. -0.05 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt Ion:	184	Resp:	810360
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.6	20.4
183	11.8	9.8	14.6





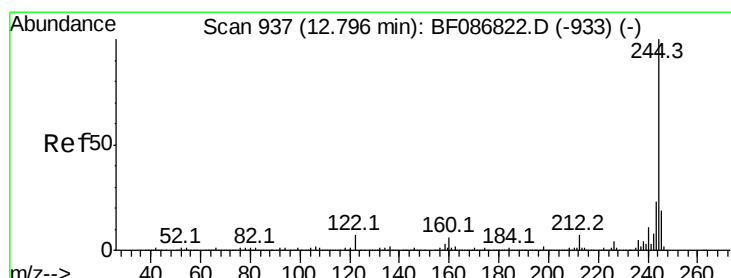
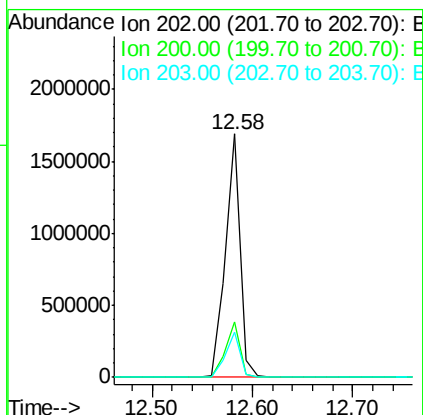
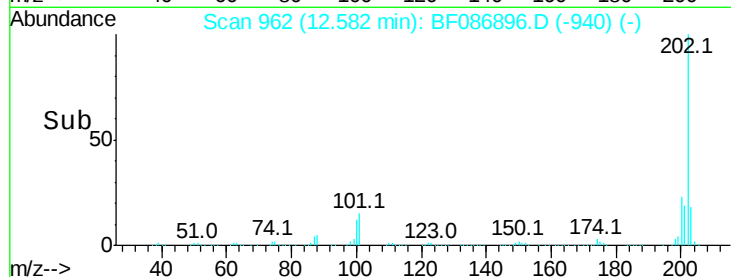
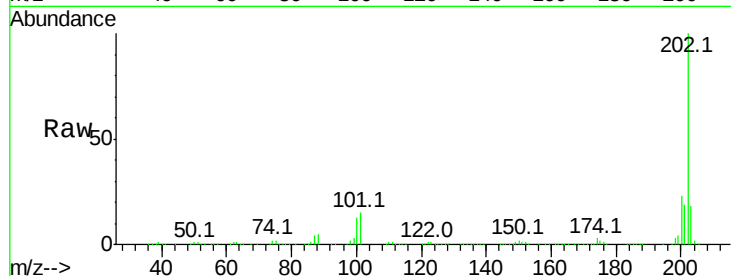
#77
Pvrene
Concen: 33.34 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	18.4	14.2	21.4

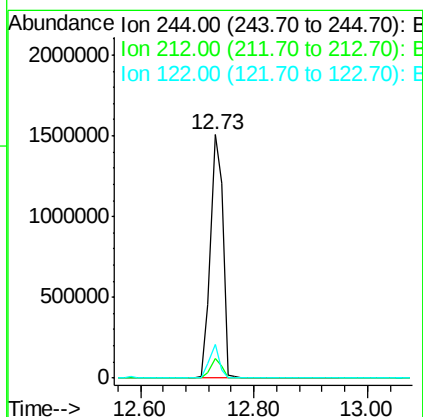
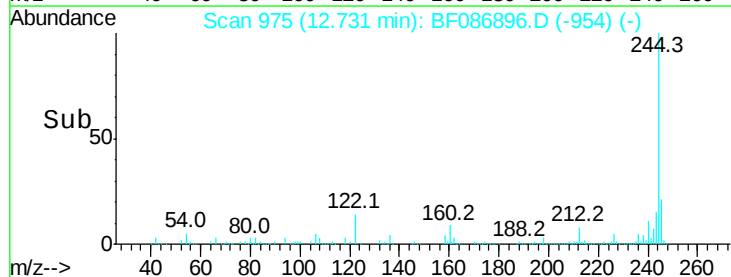
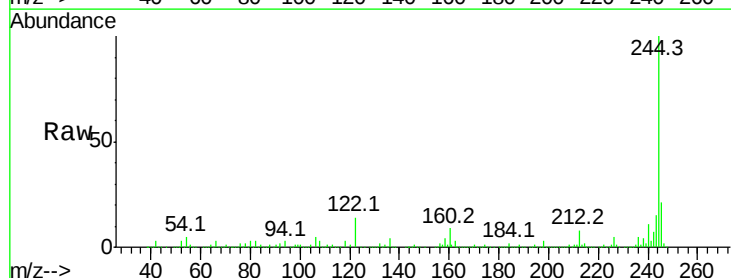
Manual Integrations
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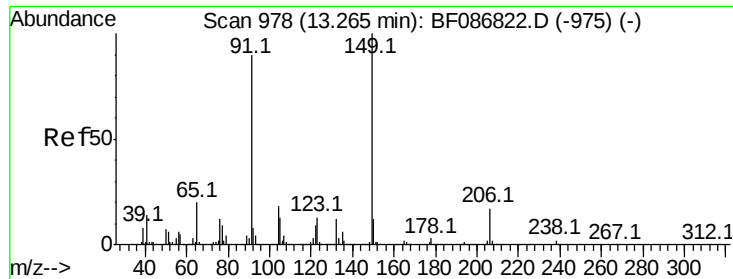
umangi
5/12/2016 9:10:00 AM



#78
Terphenyl-d14
Concen: 70.12 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.8	12.0	18.0





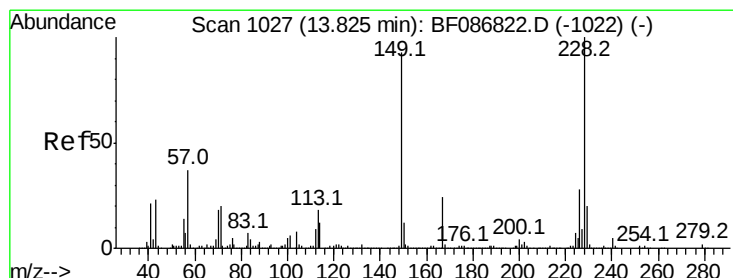
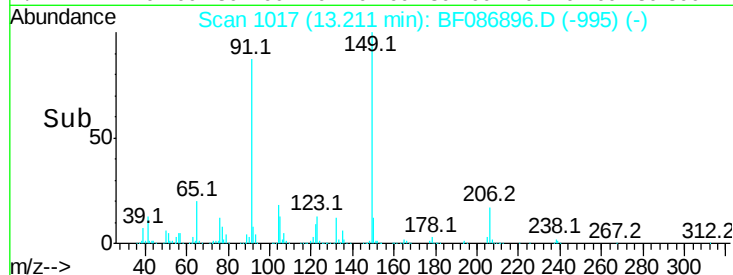
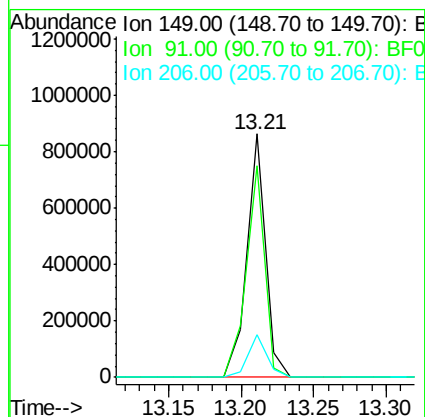
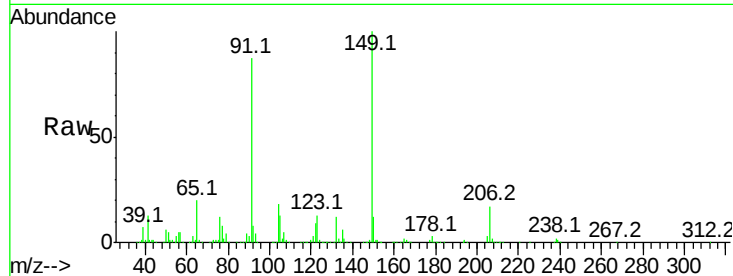
#79
Butylbenzylphthalate
Concen: 35.66 ng
RT: 13.21 min Scan# 1017
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	771778		
91	87.0	48.0	72.0#	
206	17.3	15.8	23.6	

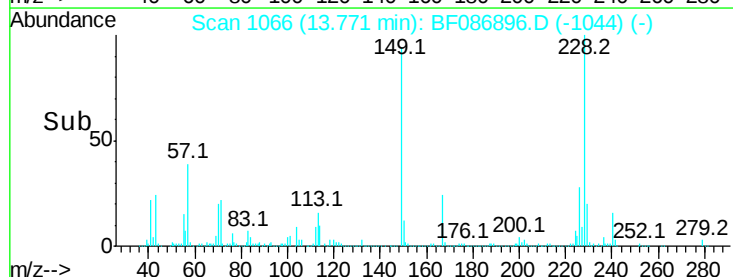
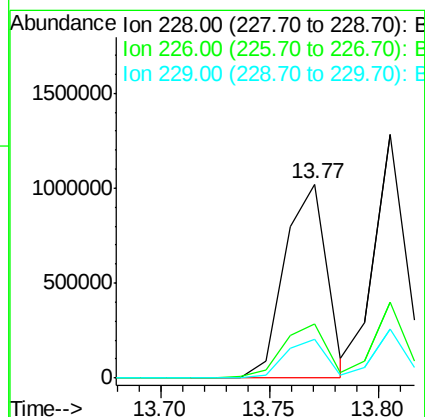
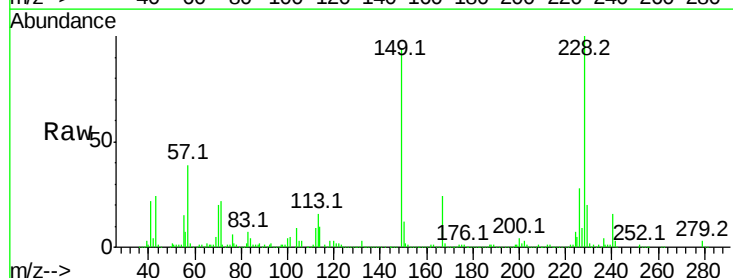
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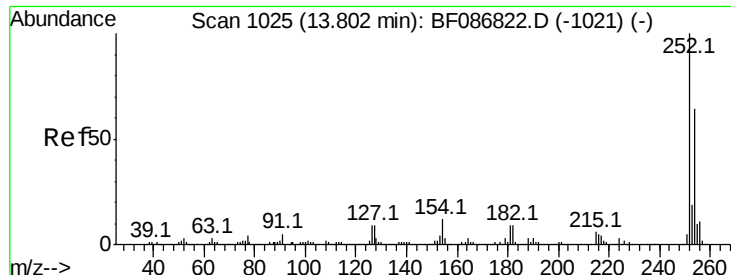
umangi
5/12/2016 9:10:00 AM



#80
Benzo(a)anthracene
Concen: 36.65 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1374931		
226	27.9	22.5	33.7	
229	20.1	16.6	25.0	





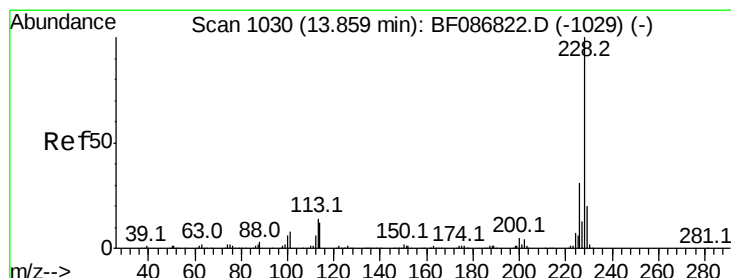
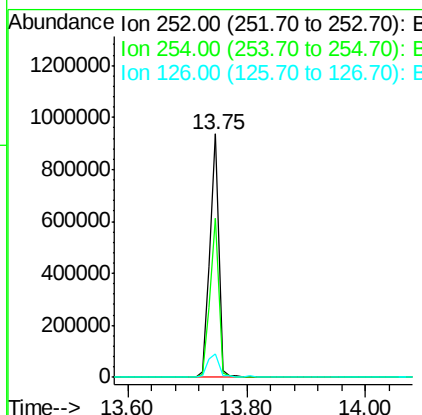
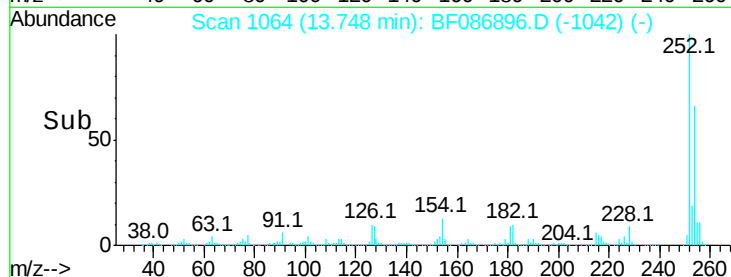
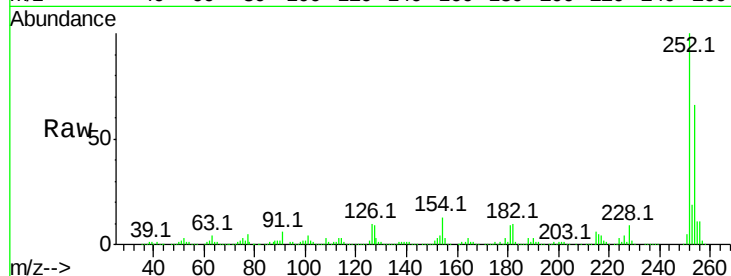
#81
 3,3'-Dichlorobenzidine
 Concen: 41.35 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	985775		
254	65.5		50.7	76.1
126	9.5		12.7	19.1

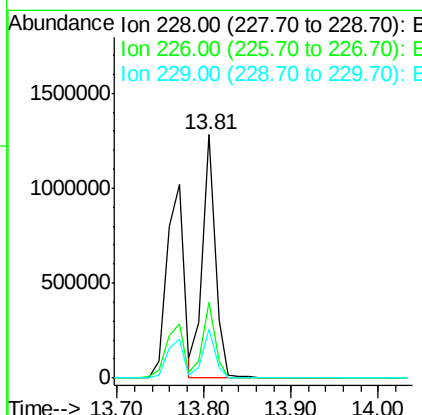
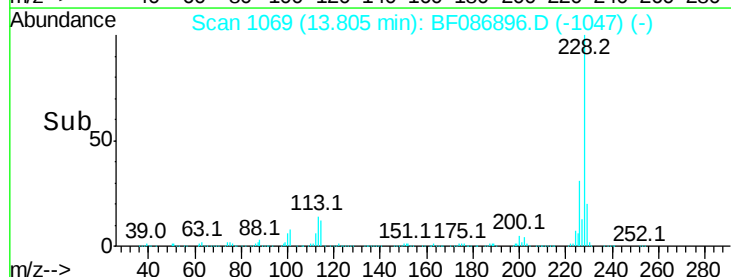
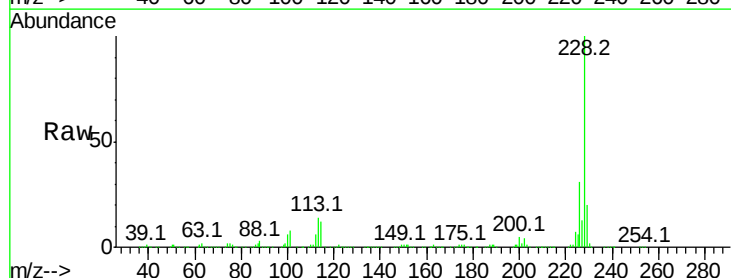
Manual Integrations
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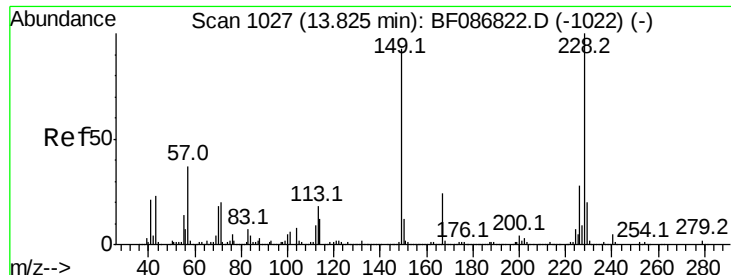
umangi
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#82
 Chrysene
 Concen: 34.47 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1315661		
226	31.1		24.4	36.6
229	20.2		15.8	23.8





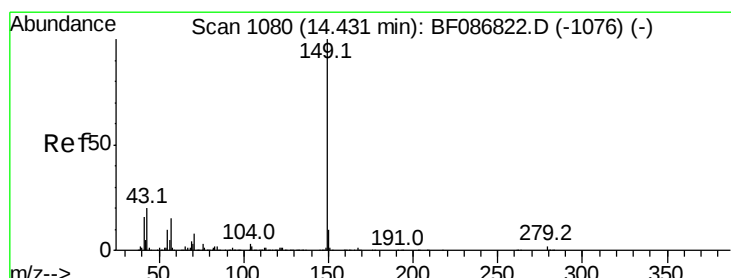
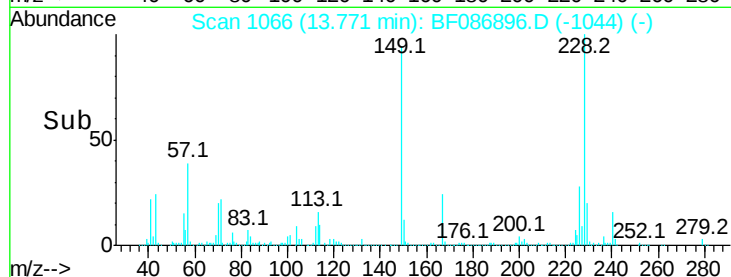
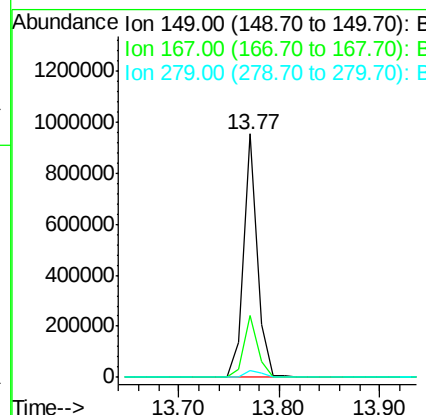
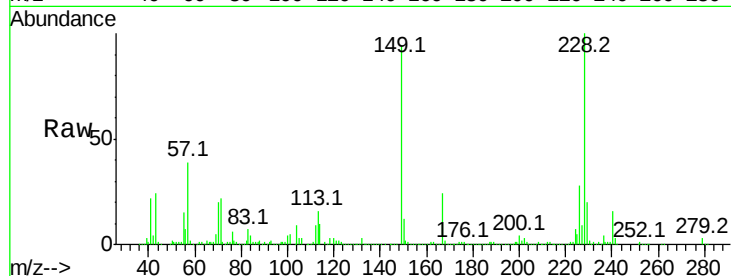
#83
Bis(2-ethylhexyl)phthalate
Concen: 34.76 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	904787		
167	25.6	21.8	32.6	
279	2.8	2.6	4.0	

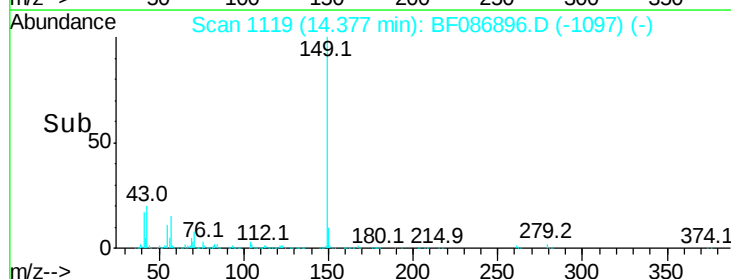
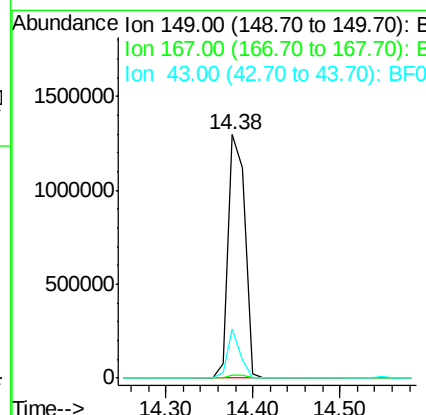
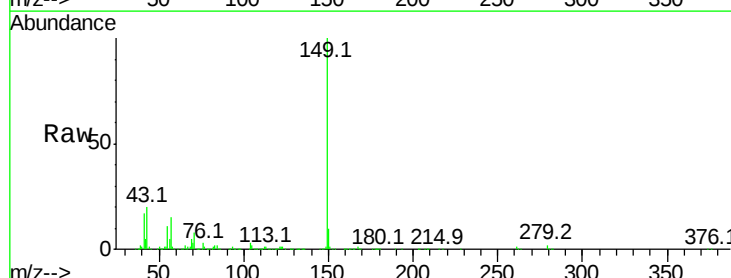
Manual Integrations
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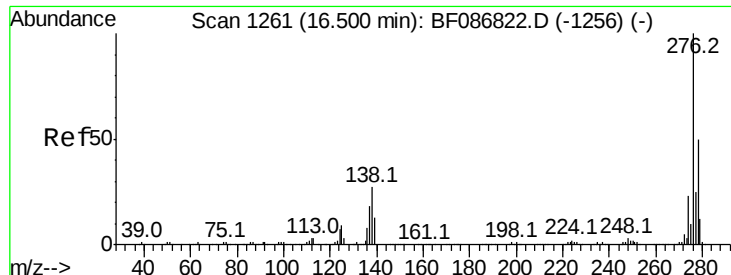
umangi
5/12/2016 9:10:00 AM



#84
Di-n-octyl phthalate
Concen: 40.19 ng
RT: 14.38 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1733162		
167	1.5	1.2	1.8	
43	15.9	8.2	12.4	





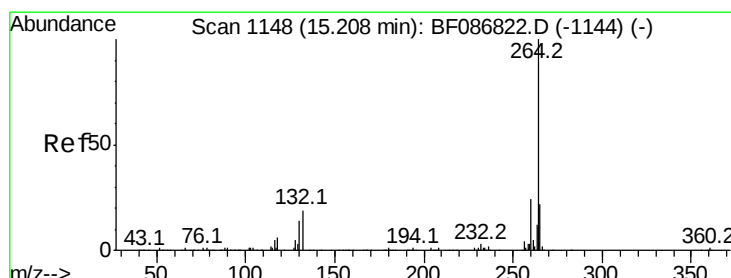
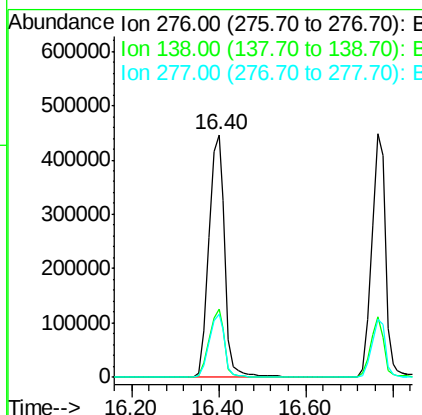
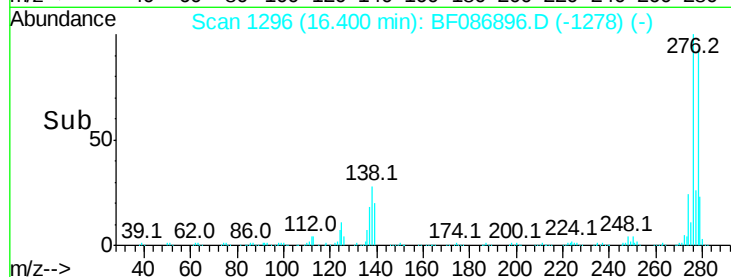
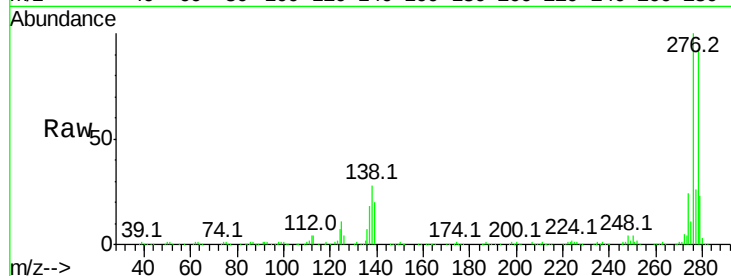
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.43 ng
 RT: 16.40 min Scan# 1296
 Delta R.T. -0.10 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.6	20.5	30.7

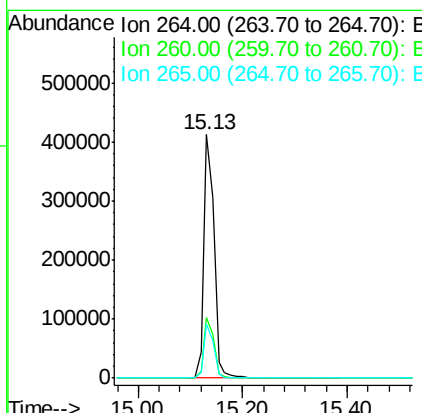
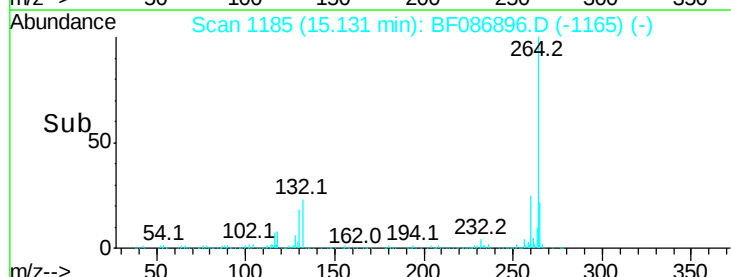
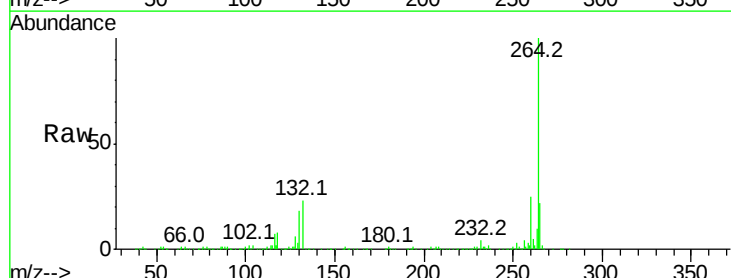
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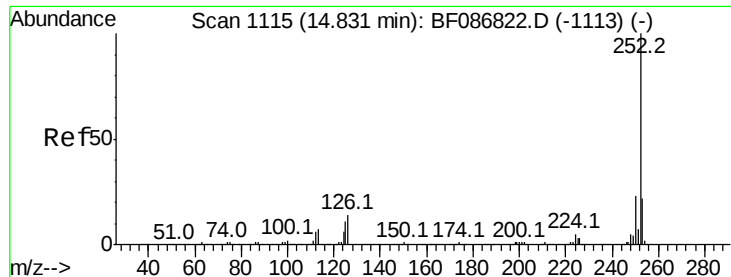
umangi
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.08 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 34.46 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BF086896.D

Acq: 11 May 2016 19:09

Instrument :

BNA_F

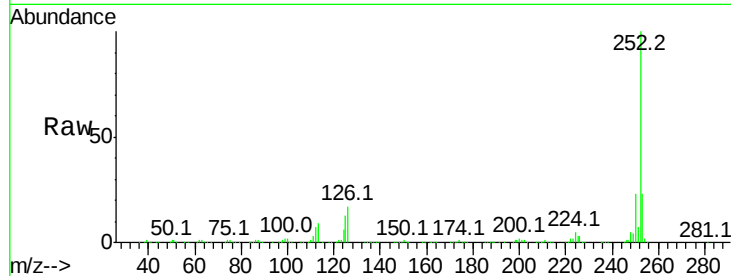
ClientSampleId :

SSTDCCC040

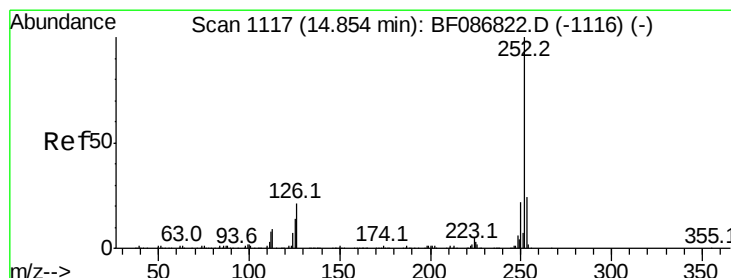
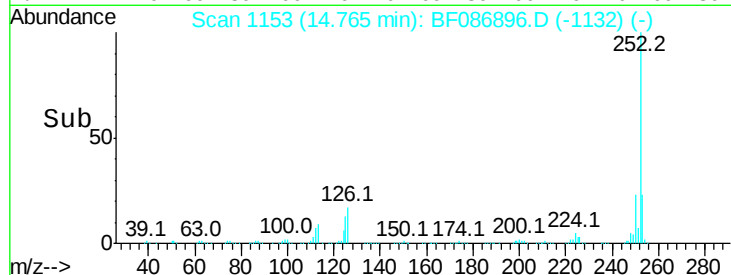
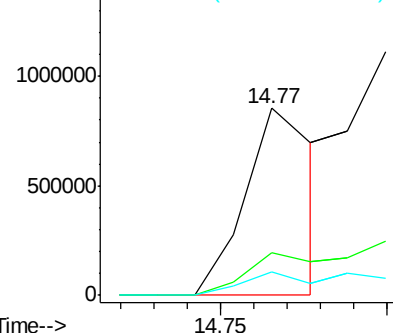
Tot Ion:252	Resp: 1256046		
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	12.5	11.4	17.0

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



#88

Benzo(k)fluoranthene

Concen: 45.29 ng m

RT: 14.80 min Scan# 1156

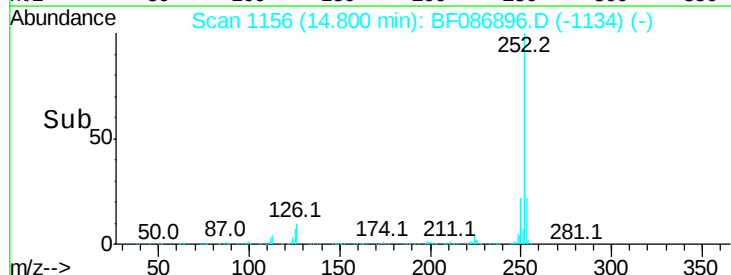
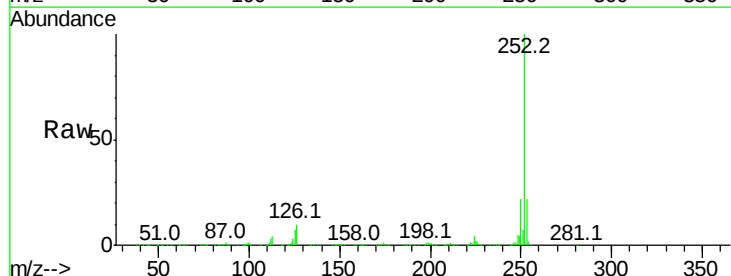
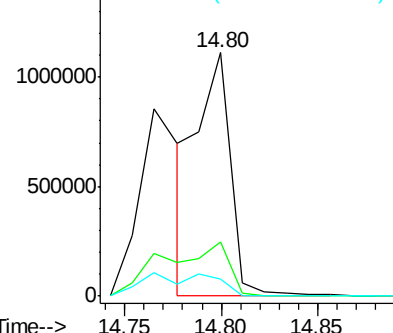
Delta R.T. -0.05 min

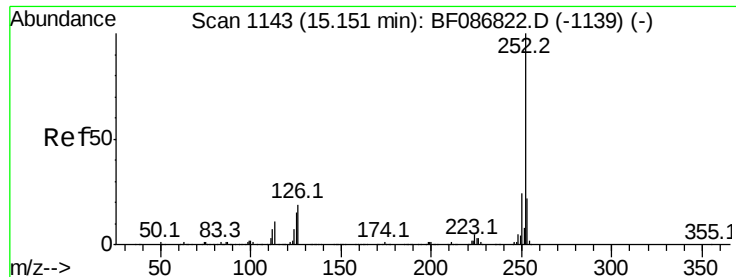
Lab File: BF086896.D

Acq: 11 May 2016 19:09

Tgt	Ion:252	Resp: 1351704	
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.1	9.1	13.7#

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





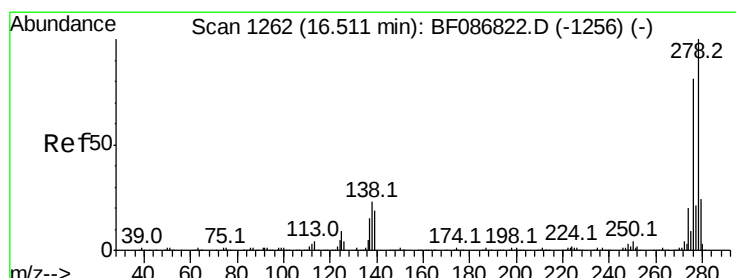
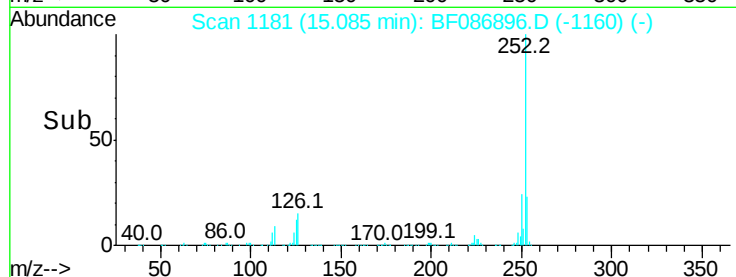
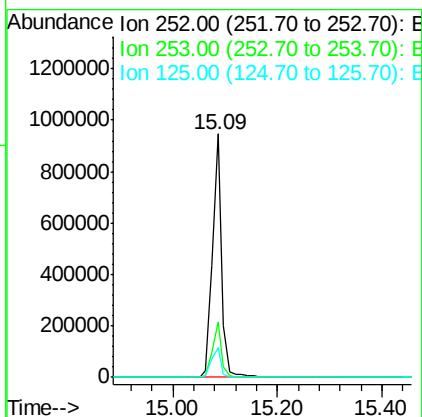
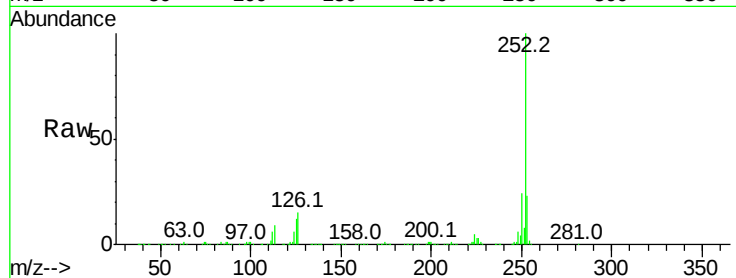
#89
Benzo(a)pyrene
Concen: 36.45 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.07 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.2	9.0	13.6

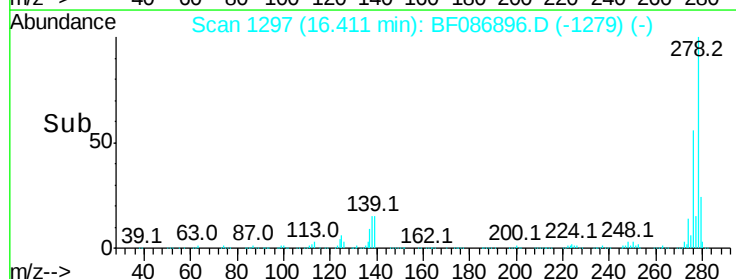
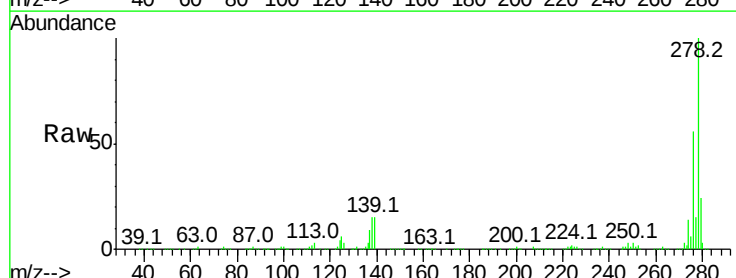
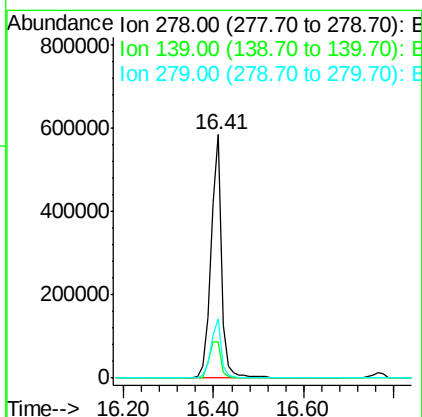
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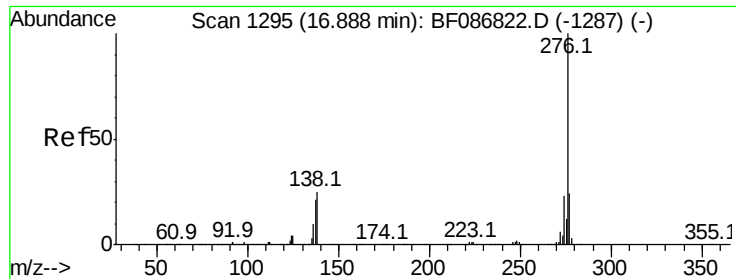
umangi
5/12/2016 9:10:00 AM



#90
Dibenzo(a,h)anthracene
Concen: 36.07 ng
RT: 16.41 min Scan# 1297
Delta R.T. -0.10 min
Lab File: BF086896.D
Acq: 11 May 2016 19:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.6	24.8#
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.10 ng
 RT: 16.77 min Scan# 1328
 Delta R.T. -0.12 min
 Lab File: BF086896.D
 Acq: 11 May 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	971816
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.6	29.4
138	25.0	23.6	35.4

Manual Integrations
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 5/12/2016 9:10:00 AM

