

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086957.D
 Acq On : 13 May 2016 5:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/13/2016 8:09:00 PM

Quant Time: May 13 16:07:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	173408	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	640550	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	242271	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	389330	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	357390	20.00	ng	0.00
86) Perylene-d12	15.13	264	314688	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	828230	80.89	ng	0.00
7) Phenol-d6	6.30	99	987829	72.18	ng	0.00
23) Nitrobenzene-d5	7.20	82	1105719	86.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	177879	69.35	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1340918	93.02	ng	0.00
78) Terphenyl-d14	12.72	244	1086780	64.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	217476	43.26	ng	# 71
3) Pyridine	2.71	79	514138	41.84	ng	# 64
4) n-Nitrosodimethylamine	2.67	42	372990	41.85	ng	# 48
6) Aniline	6.30	93	648813	39.20	ng	89
8) 2-Chlorophenol	6.42	128	484419	39.21	ng	97
9) Benzaldehyde	6.17	77	300790	37.96	ng	98
10) Phenol	6.31	94	594650	36.56	ng	74
11) bis(2-Chloroethyl)ether	6.38	93	525671	41.45	ng	92
12) 1,3-Dichlorobenzene	6.56	146	502096	37.55	ng	# 90
13) 1,4-Dichlorobenzene	6.64	146	502075m	36.82	ng	
14) 1,2-Dichlorobenzene	6.80	146	493884m	41.56	ng	
15) Benzyl Alcohol	6.79	79	348784	36.91	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1012348	36.71	ng	56
17) 2-Methylphenol	6.91	107	360867	36.70	ng	# 80
18) Hexachloroethane	7.13	117	161227	31.43	ng	95
19) n-Nitroso-di-n-propylamine	7.06	70	379779	39.71	ng	# 70
20) 3+4-Methylphenols	7.07	107	478602	37.27	ng	# 60
22) Acetophenone	7.05	105	640741	42.35	ng	# 98
24) Nitrobenzene	7.22	77	542375	41.33	ng	97
25) Isophorone	7.46	82	916827	38.74	ng	98
26) 2-Nitrophenol	7.54	139	208200	36.09	ng	96
27) 2,4-Dimethylphenol	7.60	122	412861	42.02	ng	92
28) bis(2-Chloroethoxy)methane	7.68	93	538832	42.21	ng	98
29) 2,4-Dichlorophenol	7.79	162	334765	38.71	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	404811	41.86	ng	99
31) Naphthalene	7.94	128	1232099	38.40	ng	100
32) Benzoic acid	7.74	122	152009	26.34	ng	# 81
33) 4-Chloroaniline	8.00	127	491654	39.44	ng	# 92
34) Hexachlorobutadiene	8.06	225	238589	42.52	ng	96
35) Caprolactam	8.39	113	108384	36.83	ng	# 68
36) 4-Chloro-3-methylphenol	8.50	107	373288	35.59	ng	98
37) 2-Methylnaphthalene	8.63	142	768138	40.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	317139	45.02	ng	100
40) Hexachlorocyclopentadiene	8.78	237	13486	4.03	ng	93

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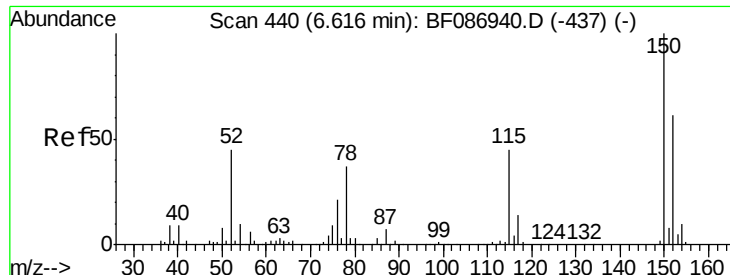
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	195587	41.52	ng	94
43) 2,4,5-Trichlorophenol	8.96	196	205258	42.14	ng #	92
45) 1,1'-Biphenyl	9.10	154	882346	45.79	ng	99
46) 2-Chloronaphthalene	9.11	162	663085	43.92	ng #	91
47) 2-Nitroaniline	9.22	65	266060	48.22	ng #	79
48) Acenaphthylene	9.52	152	917216	41.30	ng	98
49) Dimethylphthalate	9.40	163	835839	45.22	ng	99
50) 2,6-Dinitrotoluene	9.46	165	142358	36.60	ng #	77
51) Acenaphthene	9.69	154	555791	40.23	ng	98
52) 3-Nitroaniline	9.63	138	185374	45.27	ng	88
53) 2,4-Dinitrophenol	9.75	184	4996	9.96	ng #	38
54) Dibenzofuran	9.86	168	721213	40.67	ng	93
55) 4-Nitrophenol	9.83	139	79768m	32.11	ng	
56) 2,4-Dinitrotoluene	9.86	165	155995	32.41	ng #	55
57) Fluorene	10.20	166	570817	37.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	129386	35.28	ng	99
59) Diethylphthalate	10.09	149	707970	39.31	ng	99
60) 4-Chlorophenyl-phenylether	10.20	204	311285	48.14	ng	90
61) 4-Nitroaniline	10.25	138	180816	45.97	ng	88
62) Azobenzene	10.36	77	760724	39.15	ng	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	12877	5.32	ng #	52
65) n-Nitrosodiphenylamine	10.33	169	552138	46.16	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	169085	42.84	ng #	88
67) Hexachlorobenzene	10.75	284	194436	42.15	ng #	87
68) Atrazine	10.86	200	128874	32.25	ng	94
69) Pentachlorophenol	10.96	266	91867	43.09	ng	97
70) Phenanthrene	11.16	178	876859	42.20	ng	100
71) Anthracene	11.21	178	835921	39.34	ng	100
72) Carbazole	11.38	167	779146	42.65	ng	98
73) Di-n-butylphthalate	11.71	149	1018421	45.66	ng	99
74) Fluoranthene	12.34	202	881913	41.27	ng	98
76) Benzidine	12.48	184	481839	52.88	ng	98
77) Pyrene	12.57	202	982841	35.92	ng	99
79) Butylbenzylphthalate	13.20	149	442878	38.27	ng #	75
80) Benzo(a)anthracene	13.76	228	846958	42.21	ng	97
81) 3,3'-Dichlorobenzidine	13.73	252	572935	44.95	ng	96
82) Chrysene	13.79	228	841899	41.25	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	573175	41.17	ng #	95
84) Di-n-octyl phthalate	14.38	149	1093913	47.44	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.38	276	648529	38.19	ng	95
87) Benzo(b)fluoranthene	14.75	252	728293m	35.61	ng	
88) Benzo(k)fluoranthene	14.79	252	801541m	47.86	ng	
89) Benzo(a)pyrene	15.07	252	707866	40.13	ng	99
90) Dibenzo(a,h)anthracene	16.39	278	541581	36.43	ng	96
91) Benzo(g,h,i)perylene	16.75	276	518853	34.35	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

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Instrument :

BNA_F

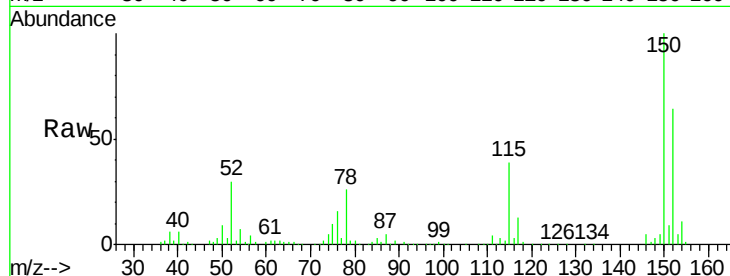
ClientSampleId :

SSTDCCC040

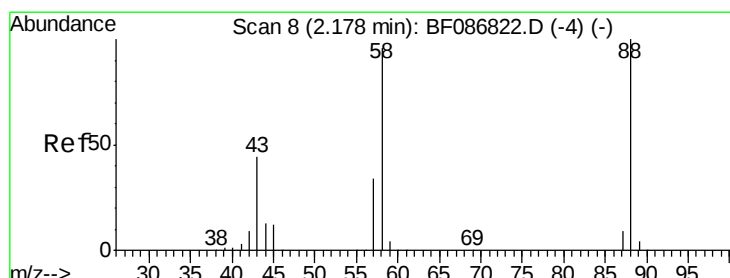
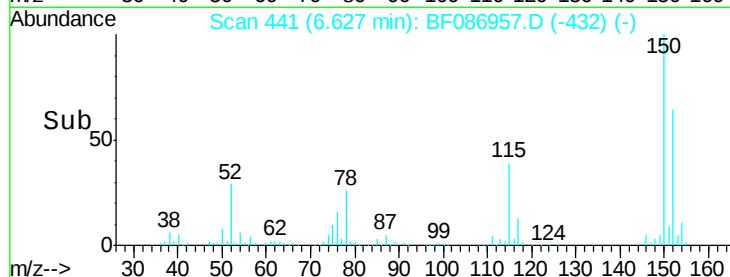
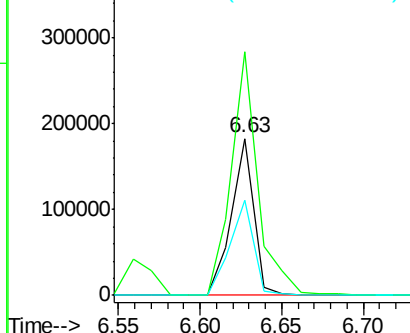
Tgt Ion:	152	Resp:	173408
Ion Ratio	Lower	Upper	
152	100		
150	155.4	125.8	188.6
115	61.1	51.5	77.3

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



#2

1,4-Dioxane

Concen: 43.26 ng

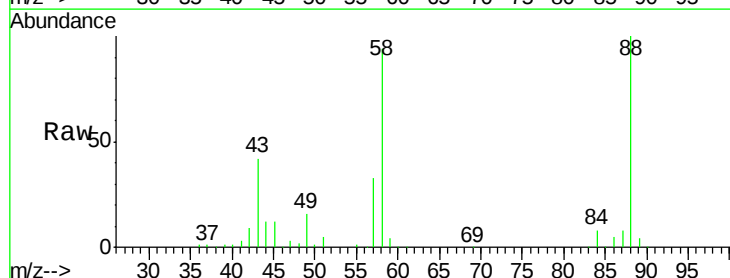
RT: 2.07 min Scan# 42

Delta R.T. 0.00 min

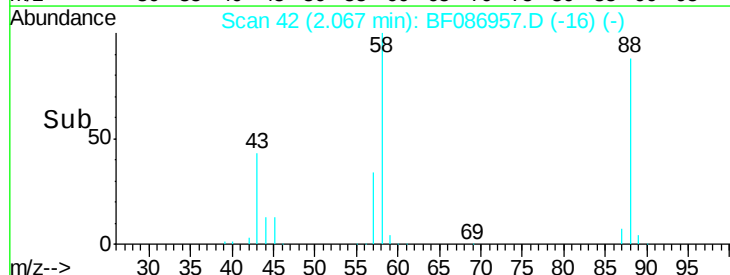
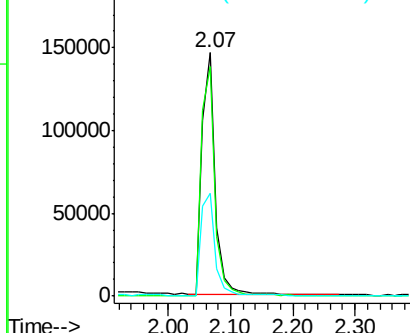
Lab File: BF086957.D

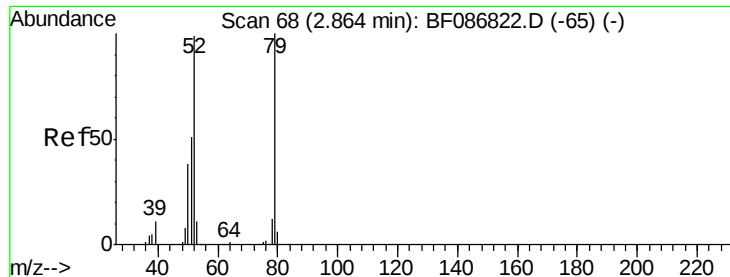
Acq: 13 May 2016 5:43

Tgt Ion:	88	Resp:	217476
Ion Ratio	Lower	Upper	
88	100		
58	97.8	59.6	89.4#
43	44.2	21.8	32.6#



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





#3

Pyridine

Concen: 41.84 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

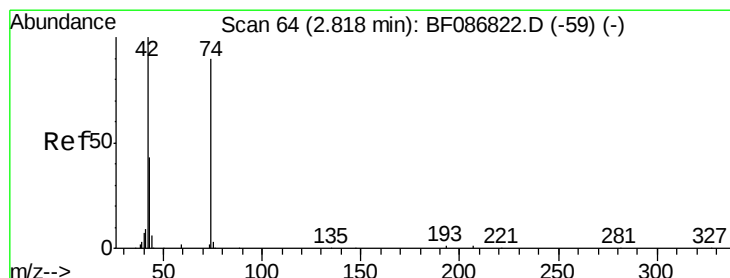
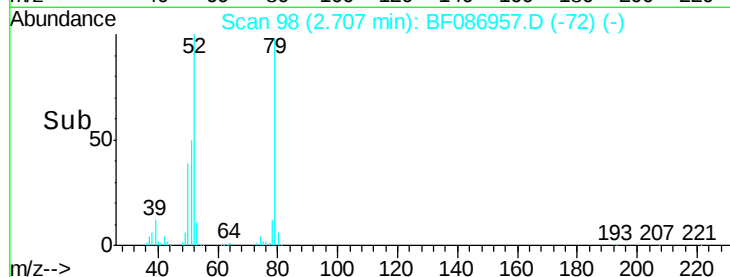
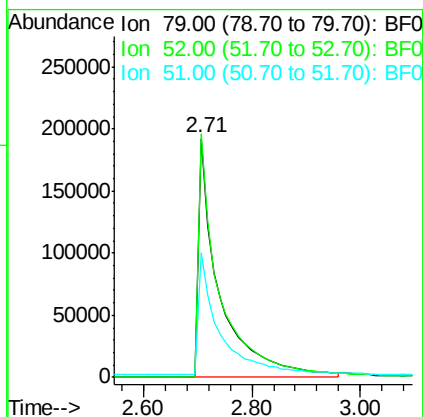
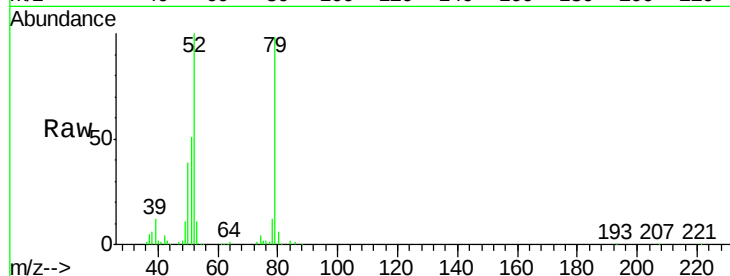
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	101.9	55.9	83.9#
51	52.2	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 41.85 ng

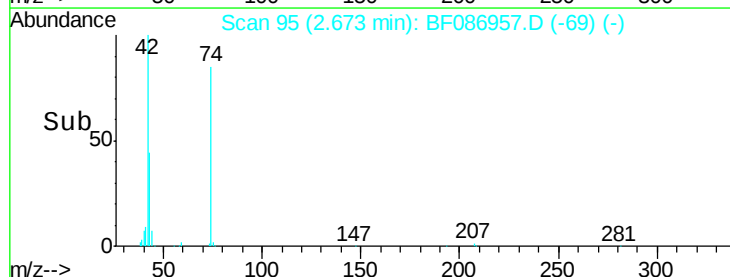
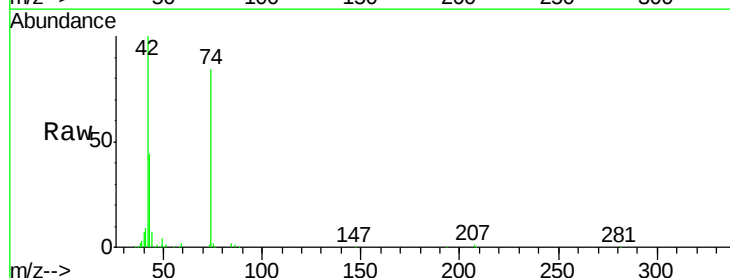
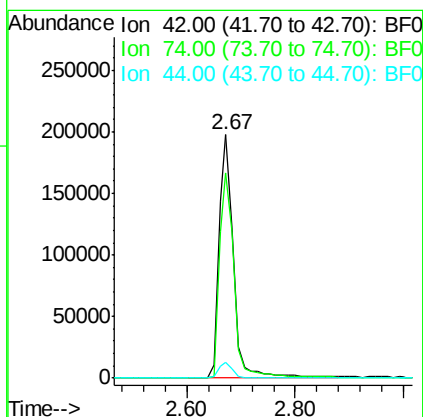
RT: 2.67 min Scan# 95

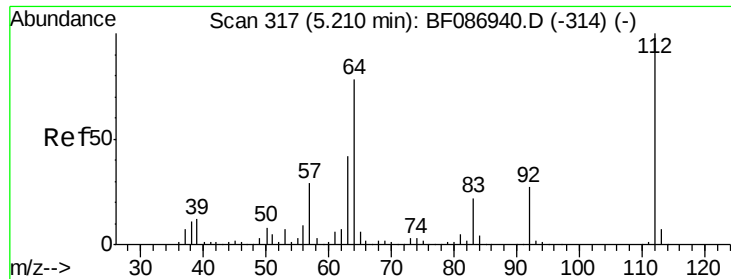
Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.4	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 80.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF086957.D

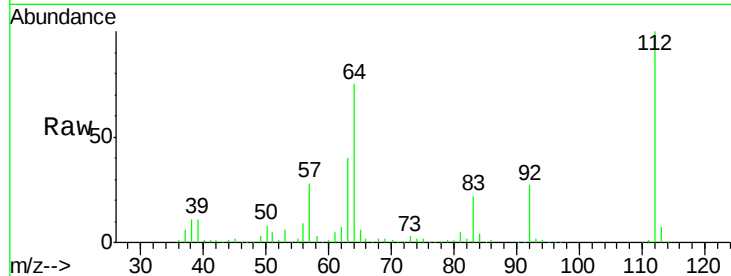
Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 112 Resp: 828230

Ion Ratio Lower Upper

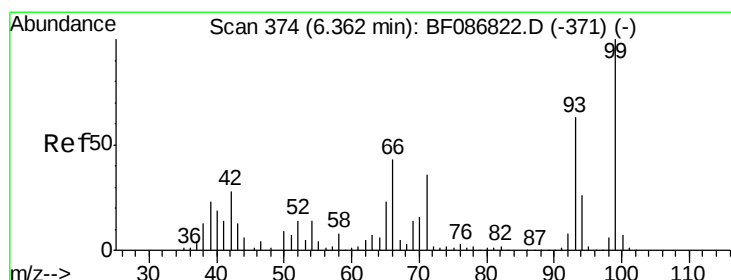
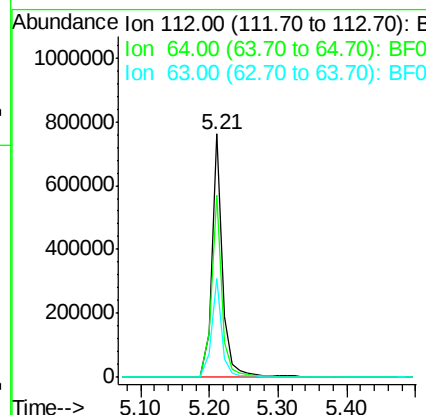
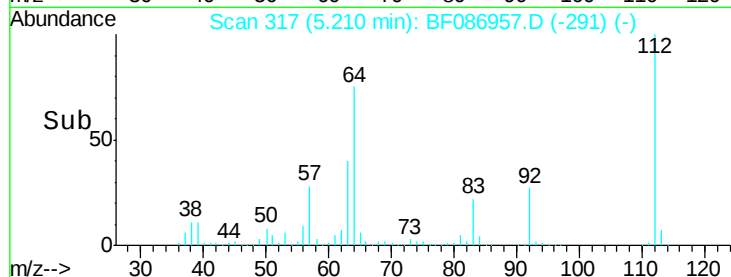
112 100

64 75.1 52.1 78.1

63 40.5 25.7 38.5#

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#6

Aniline

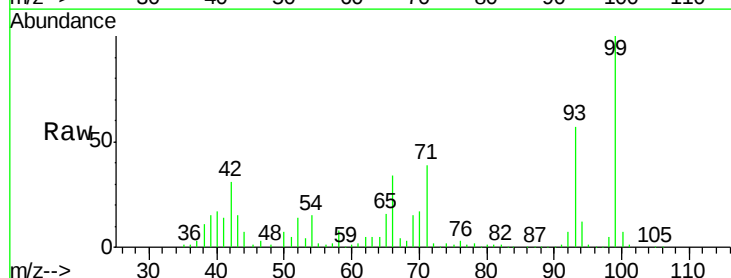
Concen: 39.20 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43



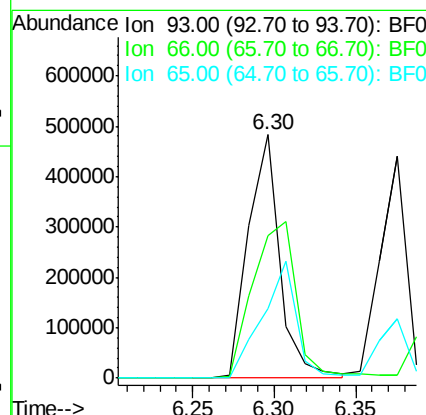
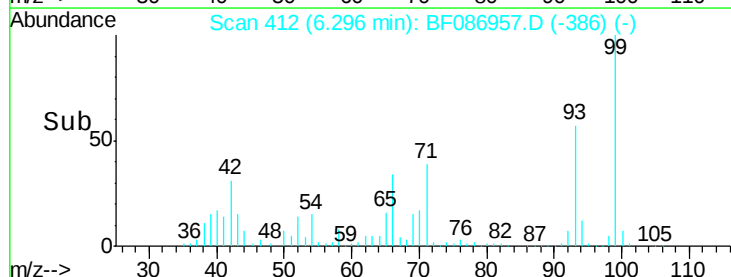
Tgt Ion: 93 Resp: 648813

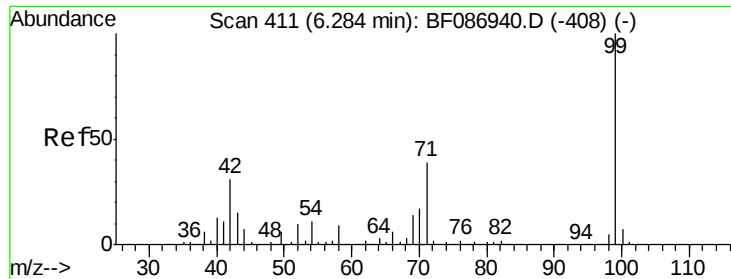
Ion Ratio Lower Upper

93 100

66 58.3 39.0 58.6

65 28.6 20.6 31.0





#7

Phenol-d6

Concen: 72.18 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

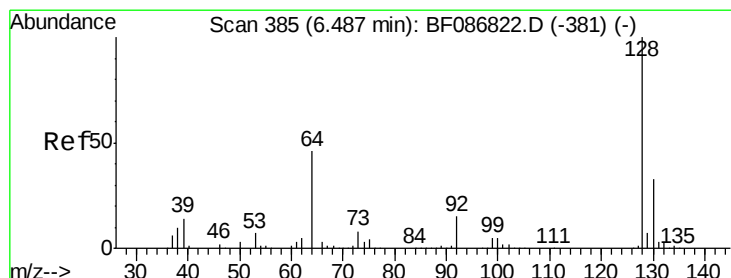
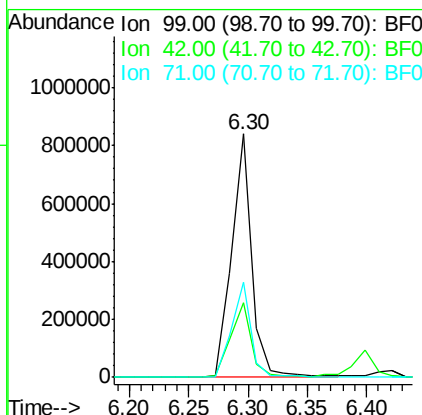
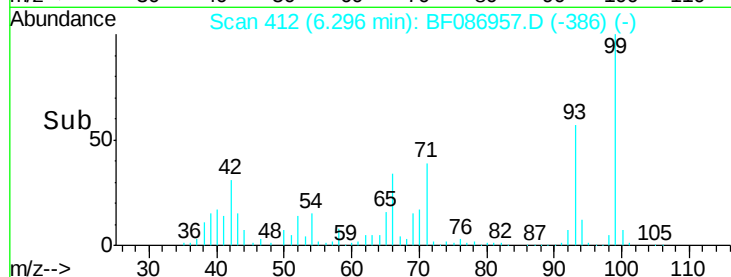
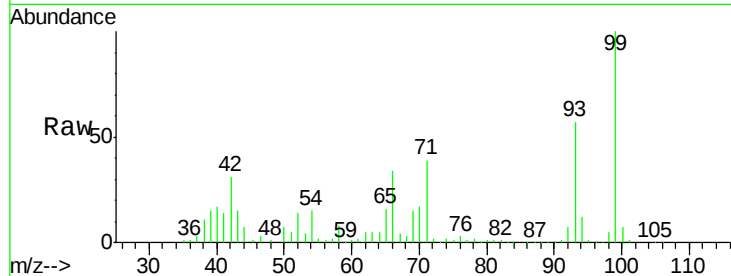
ClientSampled :

SSTDCCC040

Tgt Ion:	99	Resp:	987829
Ion Ratio	Lower	Upper	
99	100		
42	30.6	13.6	20.4#
71	39.0	24.6	36.8#

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#8

2-Chlorophenol

Concen: 39.21 ng

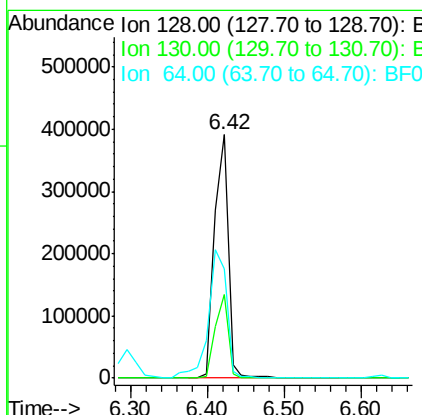
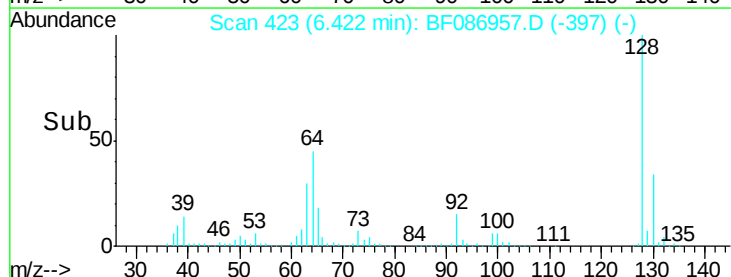
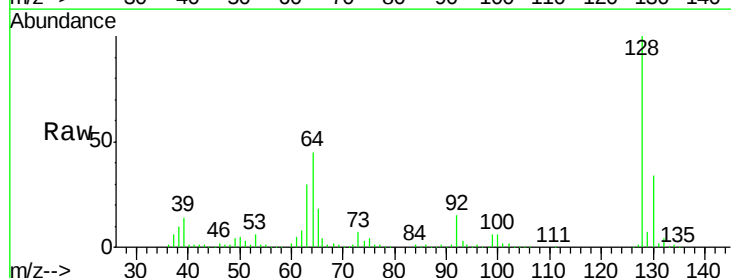
RT: 6.42 min Scan# 423

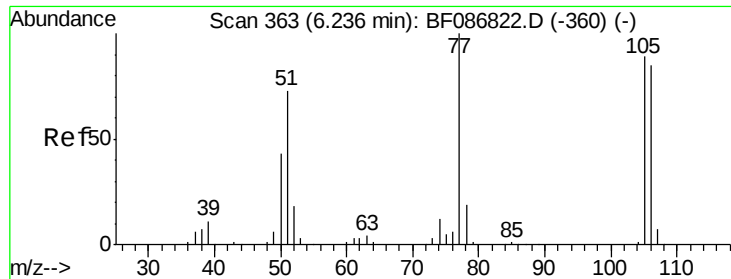
Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:	128	Resp:	484419
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.5	52.5
64	45.0	27.3	67.3





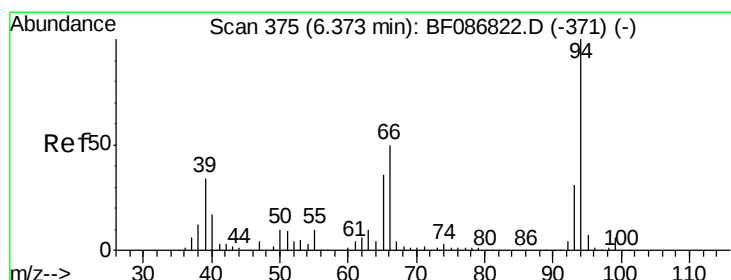
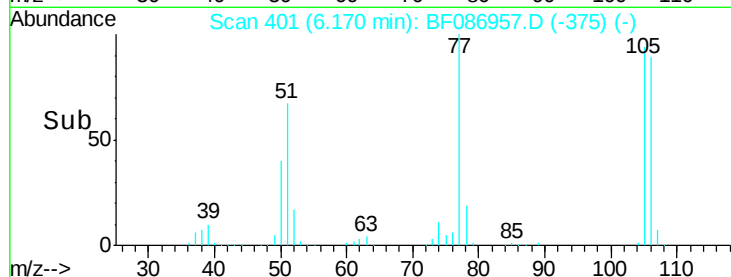
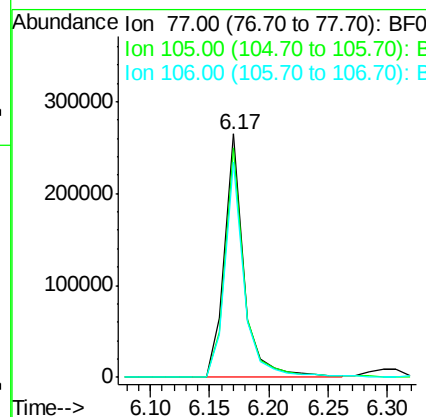
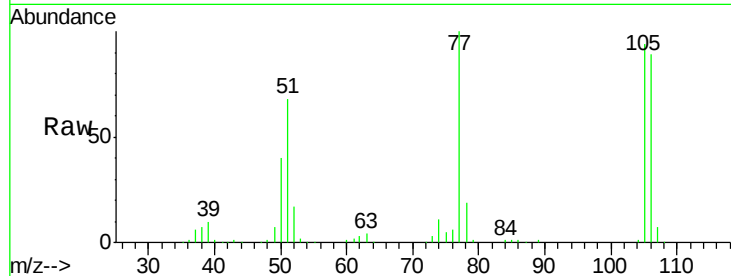
#9
Benzaldehyde
Concen: 37.96 ng
RT: 6.17 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 300790
Ion Ratio Lower Upper
77 100
105 94.3 72.7 112.7
106 88.6 70.8 110.8

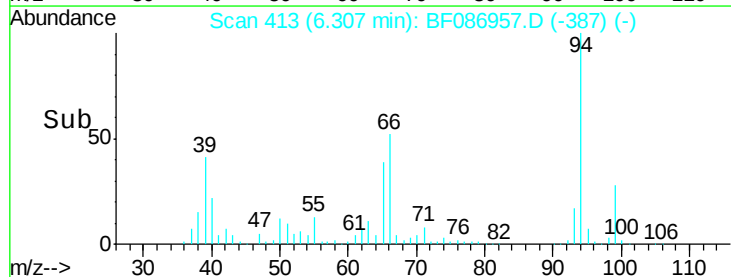
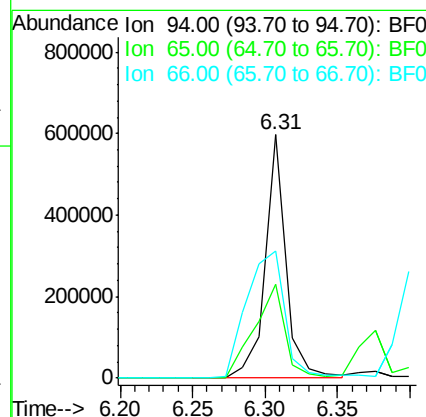
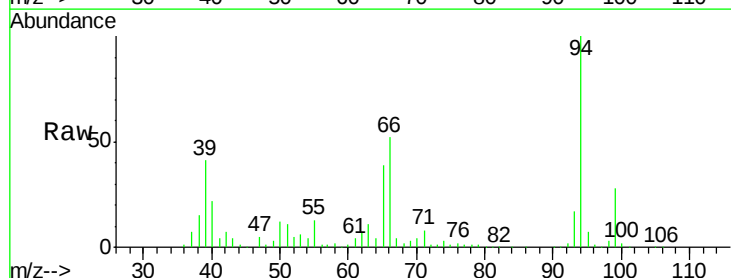
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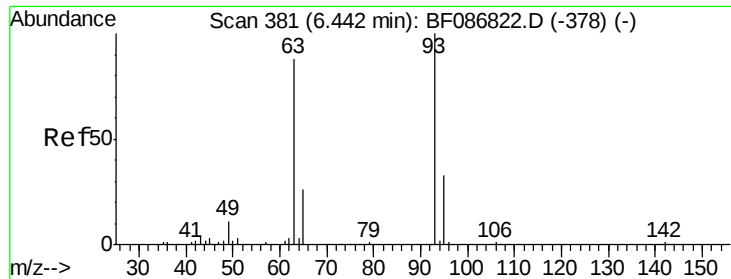
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#10
Phenol
Concen: 36.56 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion: 94 Resp: 594650
Ion Ratio Lower Upper
94 100
65 38.7 7.2 47.2
66 52.1 14.9 54.9





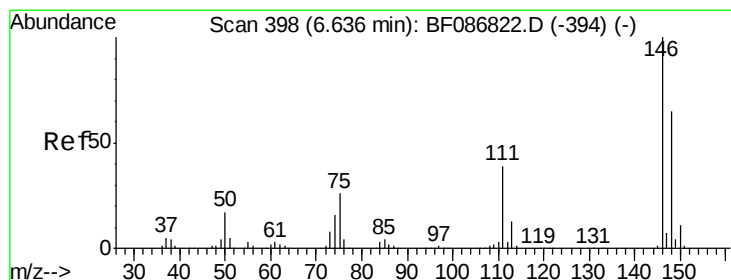
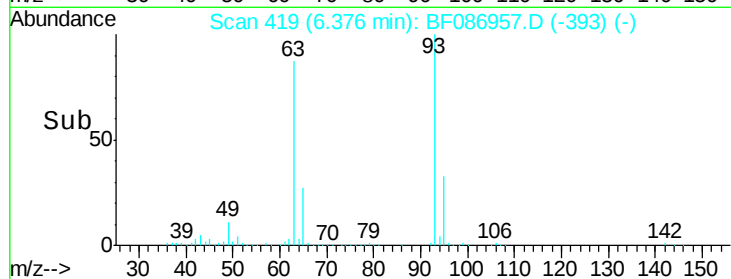
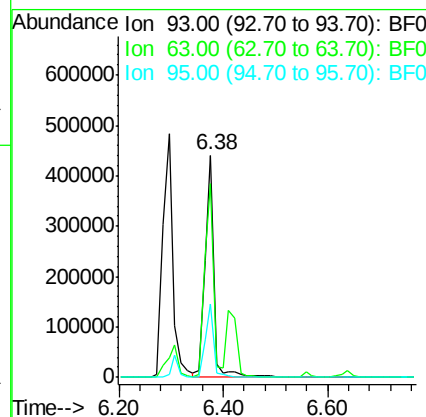
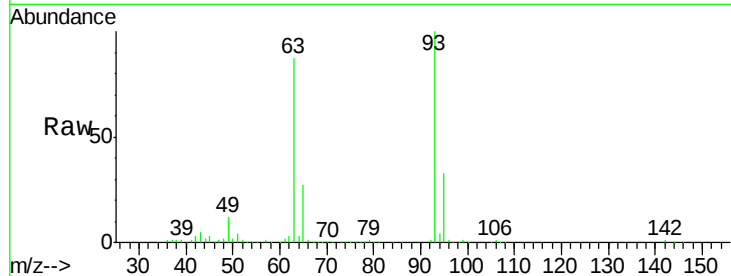
#11
bis(2-Chloroethyl)ether
Concen: 41.45 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.9	58.0	98.0
95	33.2	11.9	51.9

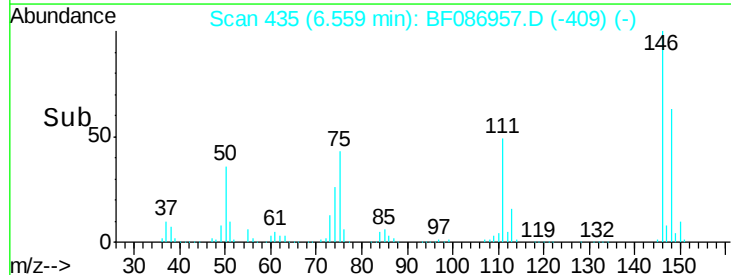
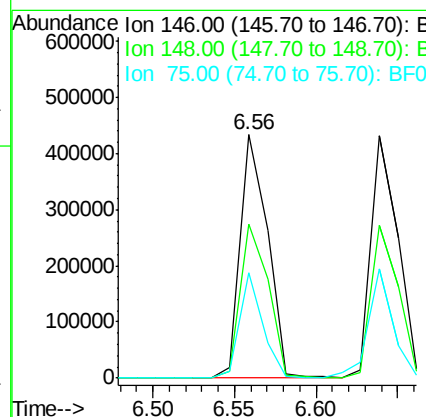
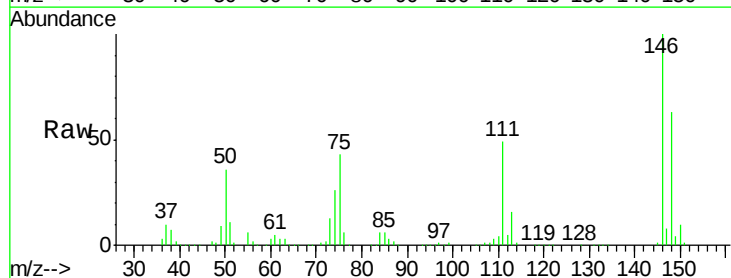
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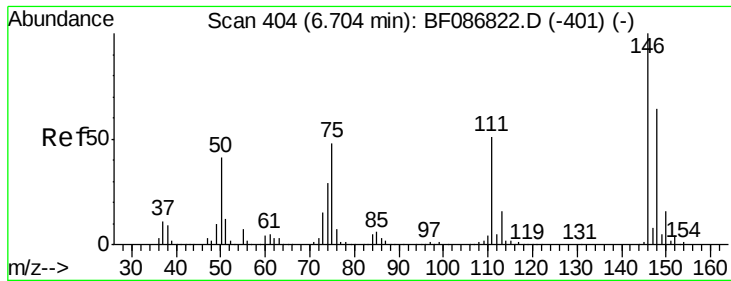
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#12
1,3-Dichlorobenzene
Concen: 37.55 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.4	78.6
75	43.4	22.8	34.2





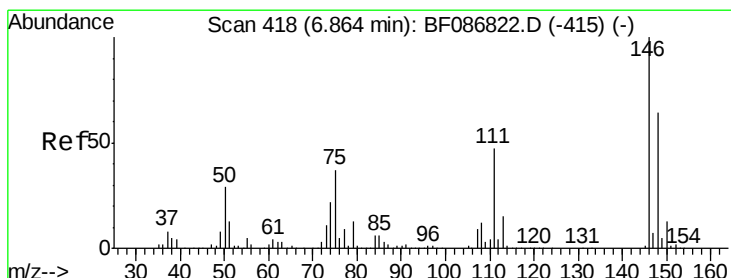
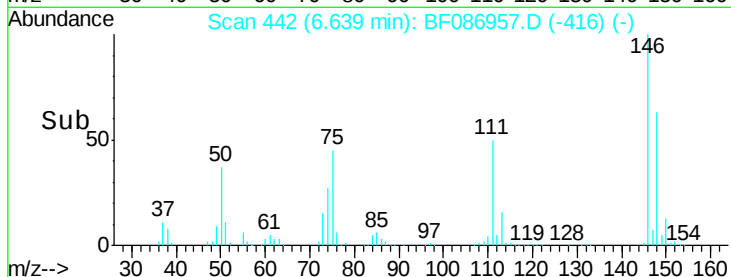
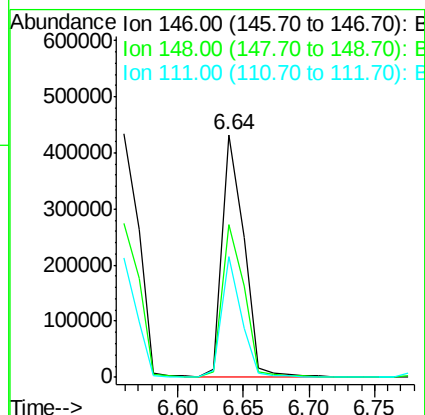
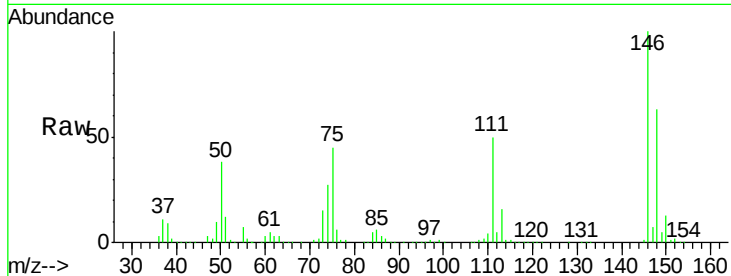
#13
 1,4-Dichlorobenzene
 Concen: 36.82 ng m
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.1	52.2	78.4
111	49.9	30.7	46.1

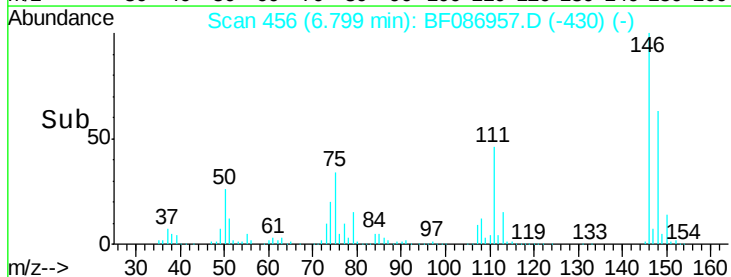
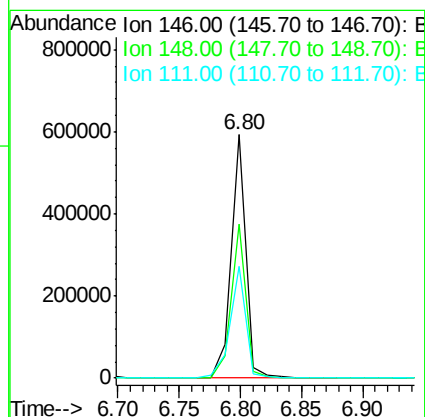
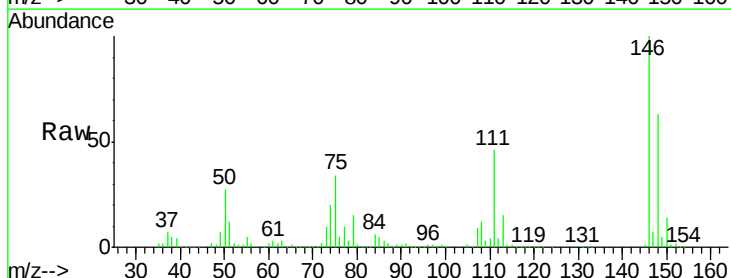
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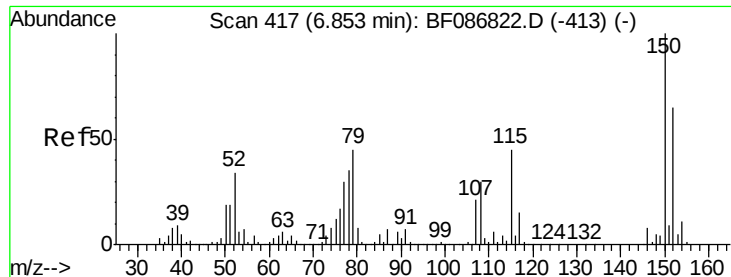
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#14
 1,2-Dichlorobenzene
 Concen: 41.56 ng m
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.5	51.0	76.6
111	45.9	36.2	54.4





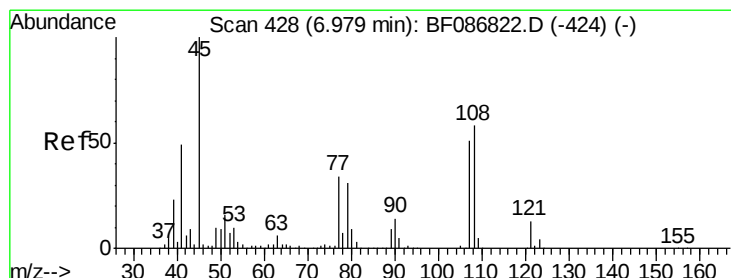
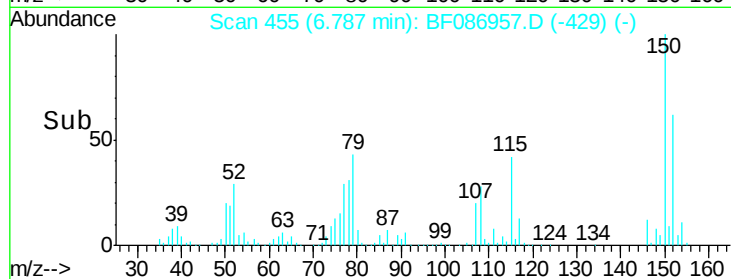
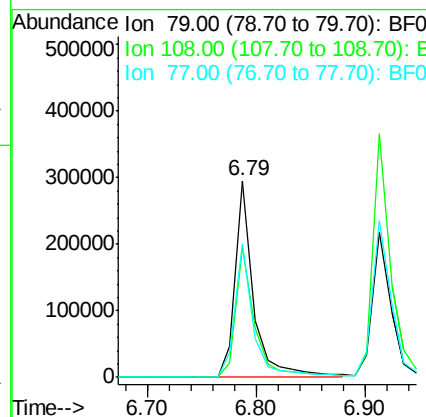
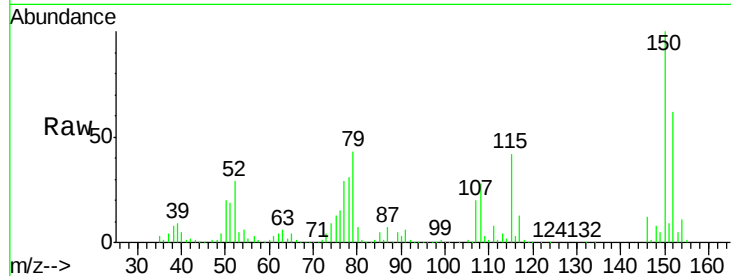
#15
Benzyl Alcohol
Concen: 36.91 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.2	68.4	102.6#
77	68.1	50.6	76.0

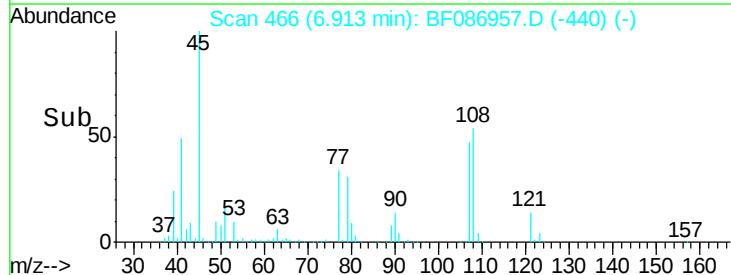
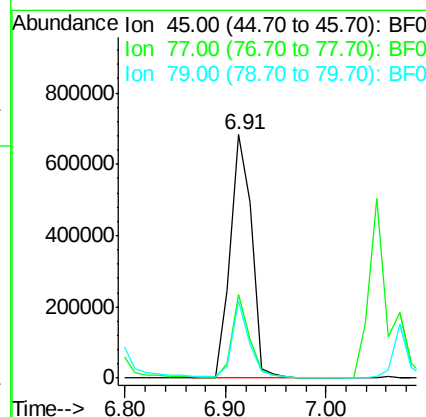
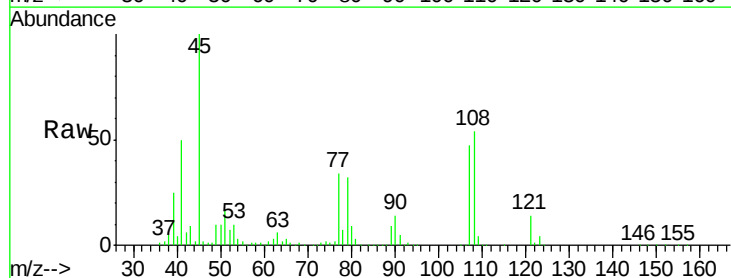
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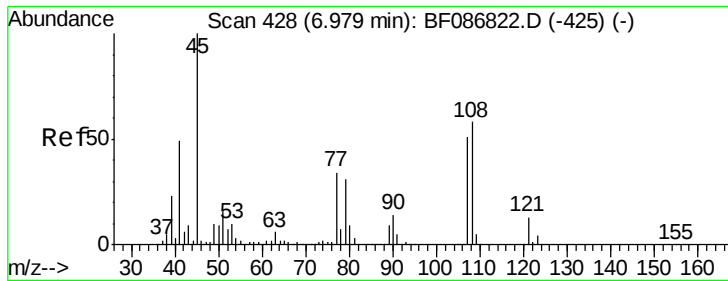
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.71 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.4	0.0	36.4
79	31.9	0.0	33.4





#17

2-Methylphenol

Concen: 36.70 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086957.D

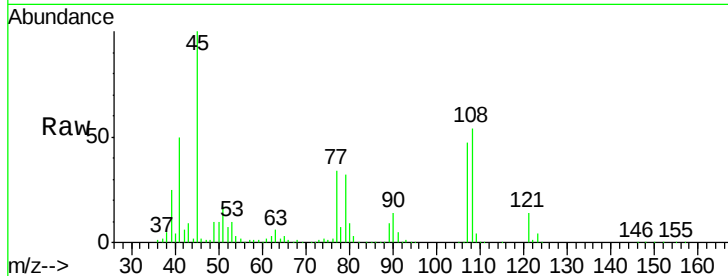
Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

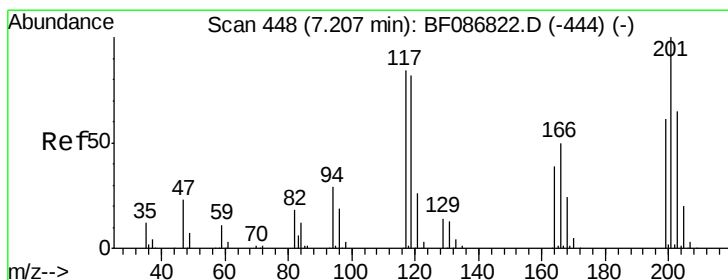
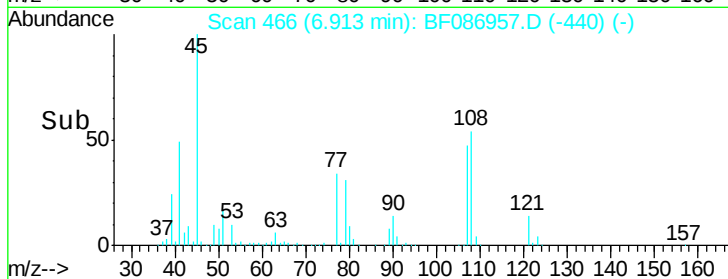
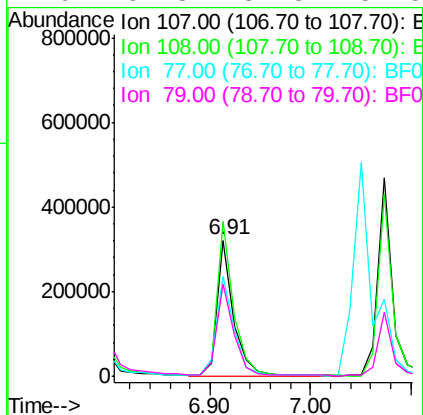
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	360867		
108	113.6	93.7	140.5	
77	73.0	33.4	50.0	
79	67.8	34.3	51.5	

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#18

Hexachloroethane

Concen: 31.43 ng

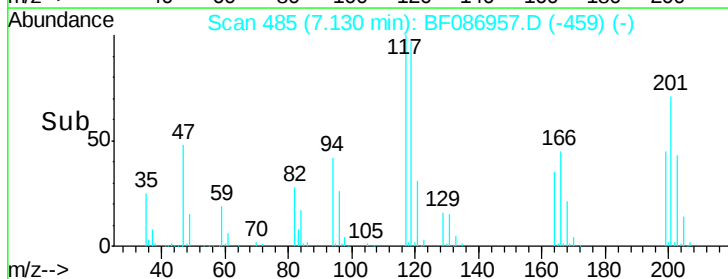
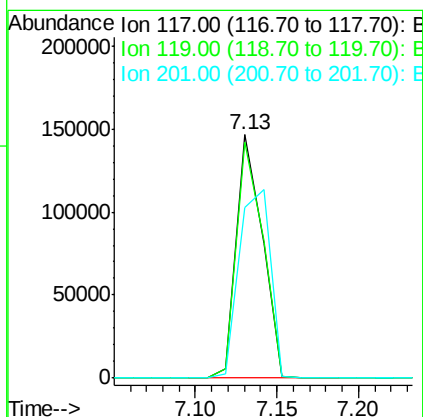
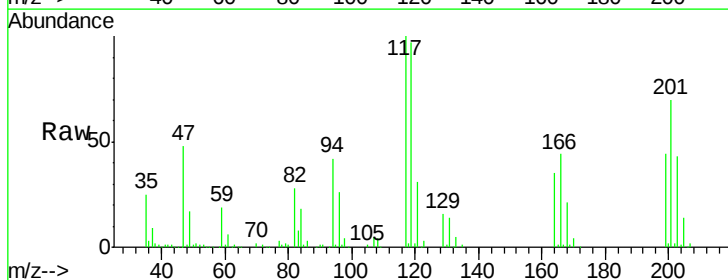
RT: 7.13 min Scan# 485

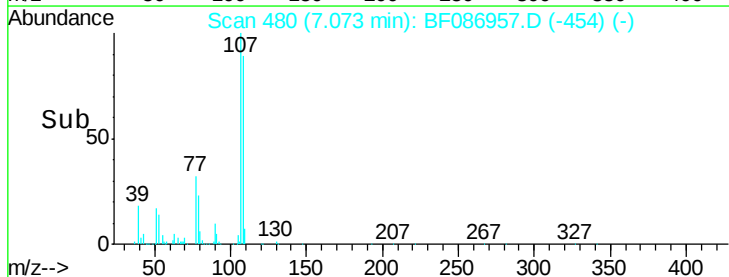
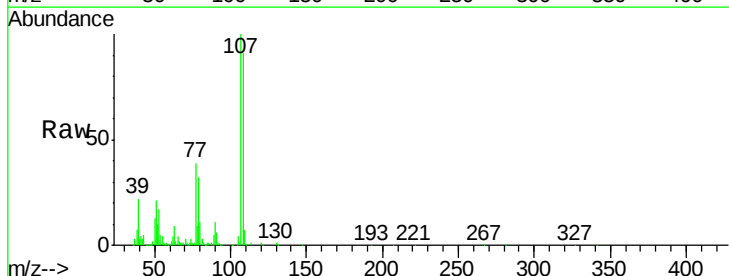
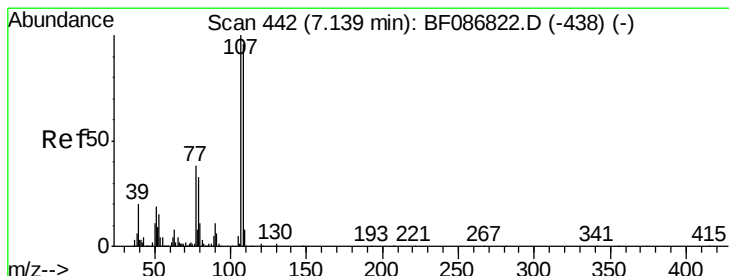
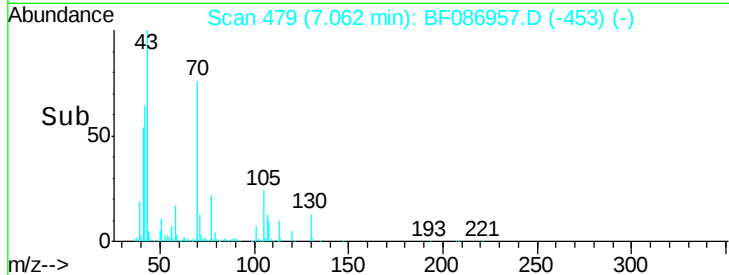
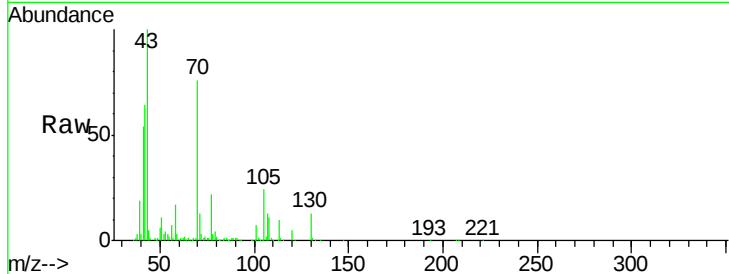
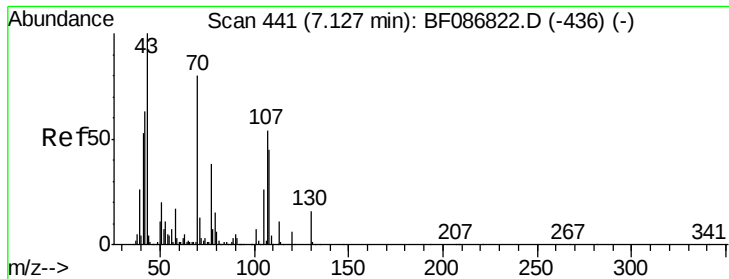
Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	161227		
119	97.0	76.5	114.7	
201	70.3	63.0	94.6	





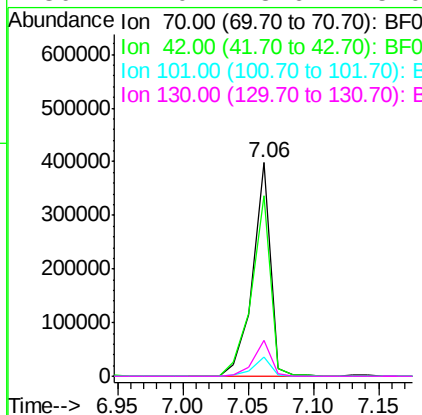
#19
n-Nitroso-di-n-propylamine
Concen: 39.71 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	84.3	43.1	64.7#
101	8.7	8.1	12.1
130	17.0	18.6	28.0#

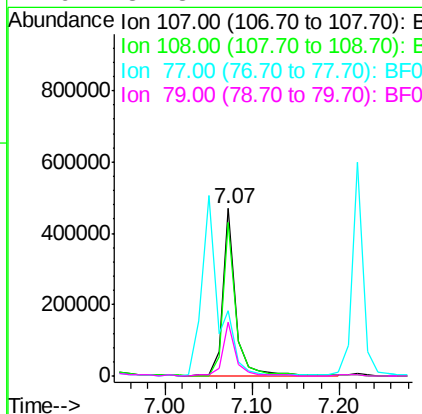
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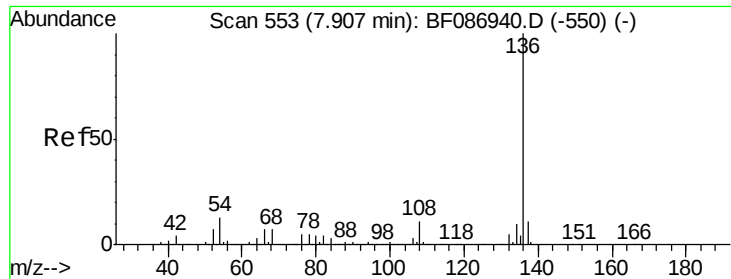
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#20
3+4-Methylphenols
Concen: 37.27 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	91.5	68.5	108.5
77	38.9	101.6	141.6#
79	32.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

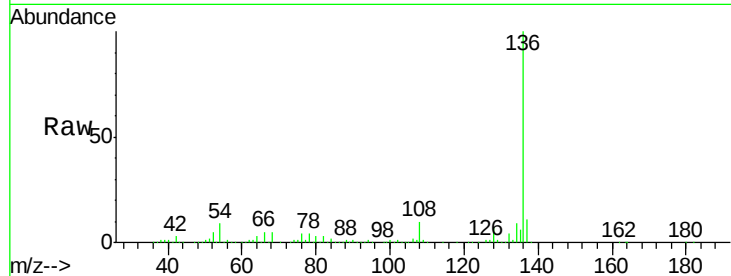
ClientSampleId :

SSTDCCC040

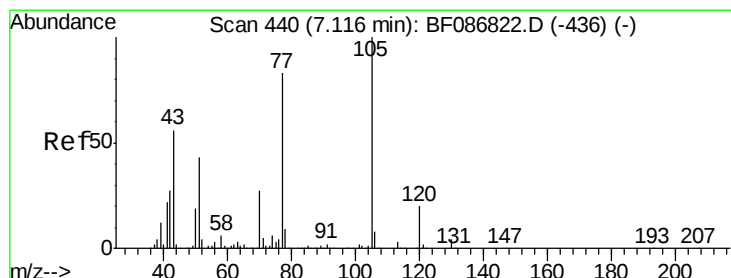
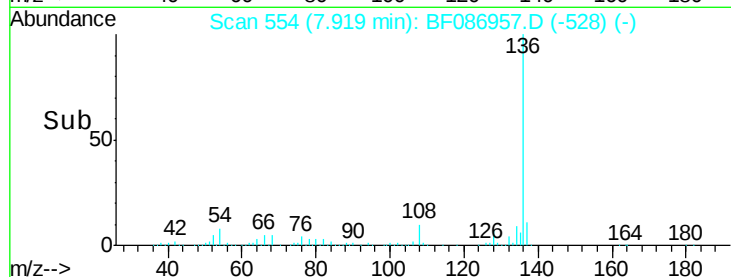
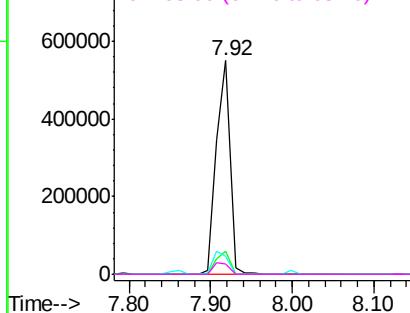
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.5	8.8	13.2
54	8.6	5.0	7.4#
68	4.8	4.4	6.6

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.35 ng

RT: 7.05 min Scan# 478

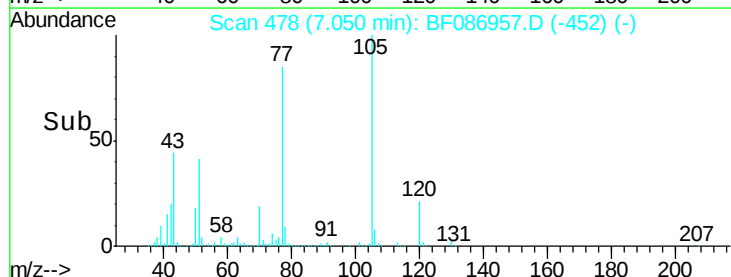
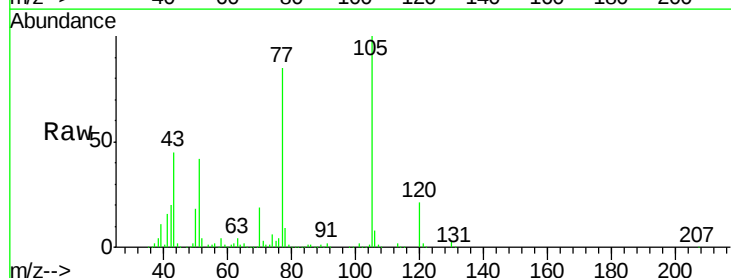
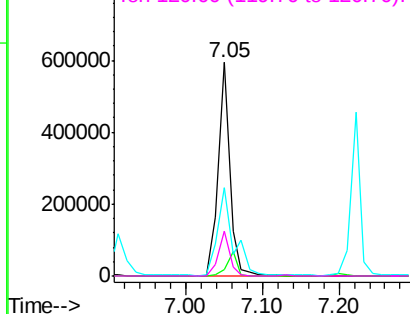
Delta R.T. 0.00 min

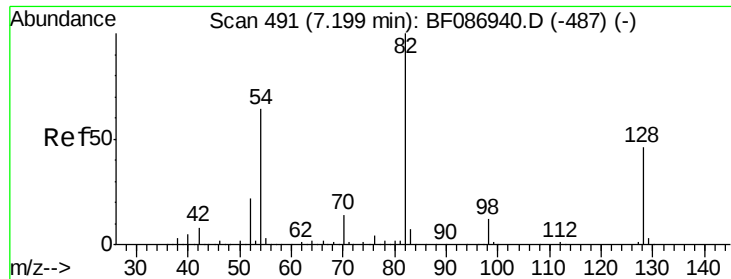
Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.3	4.8	7.2#
51	41.6	32.6	49.0
120	20.8	16.5	24.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





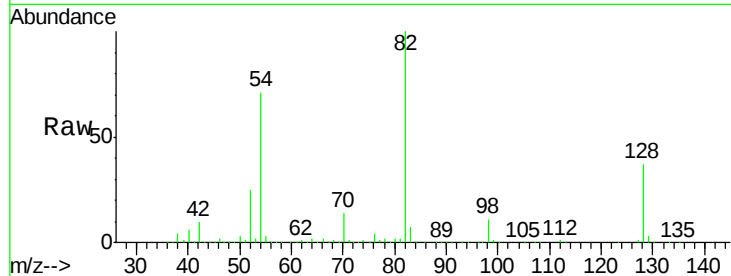
#23
 Nitrobenzene-d5
 Concen: 86.68 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

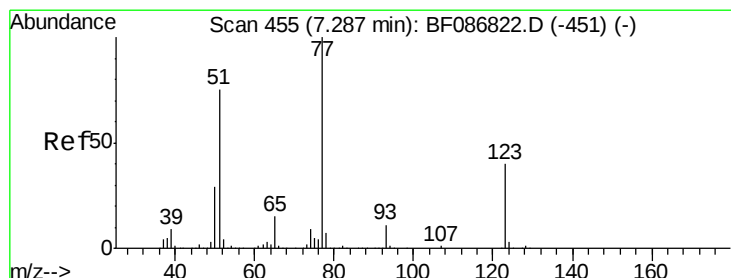
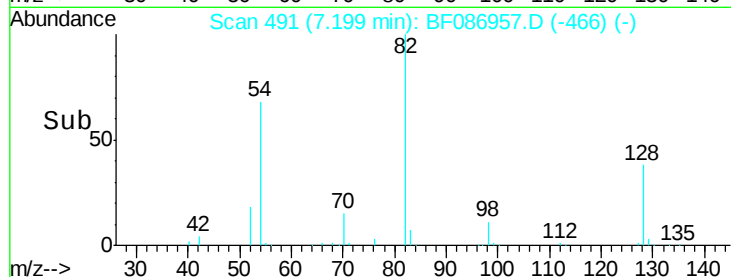
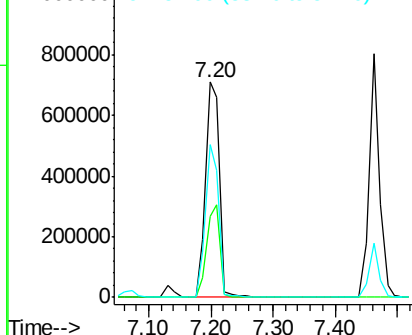
Tgt Ion: 82 Resp: 1105719
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 71.1 38.1 57.1#

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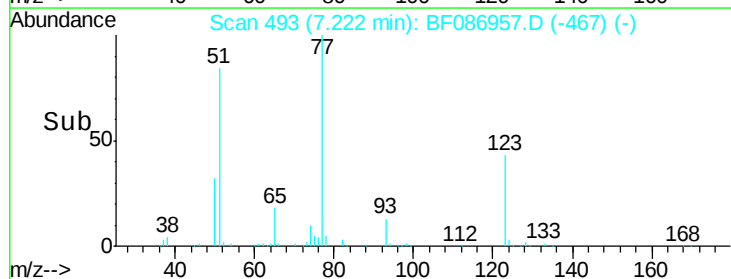
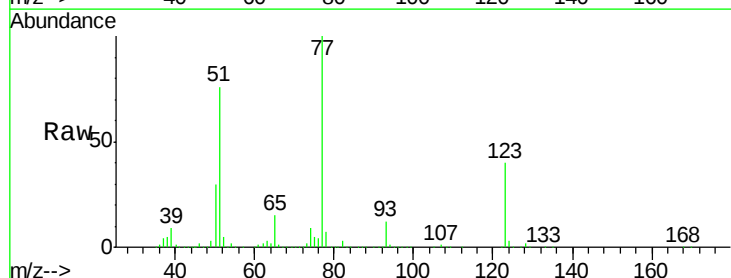
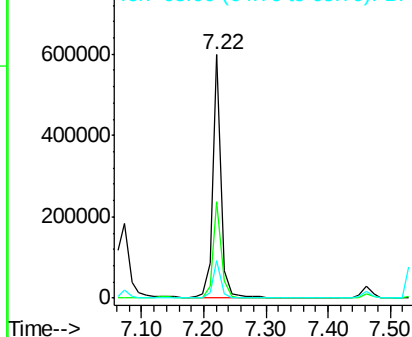
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

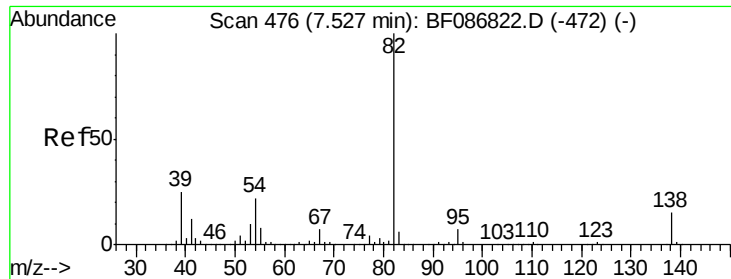


#24
 Nitrobenzene
 Concen: 41.33 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 77 Resp: 542375
 Ion Ratio Lower Upper
 77 100
 123 39.8 33.0 49.4
 65 15.4 10.8 16.2

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





#25

Isophorone

Concen: 38.74 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

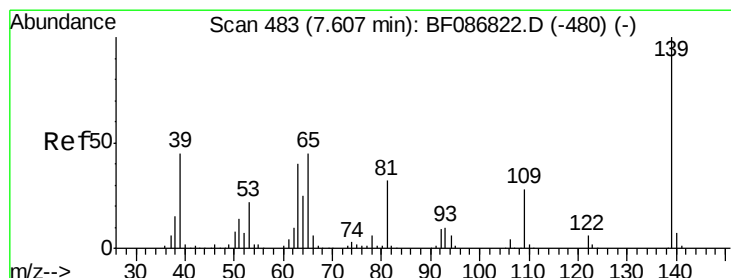
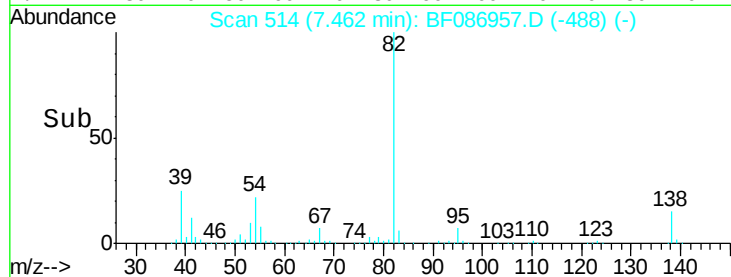
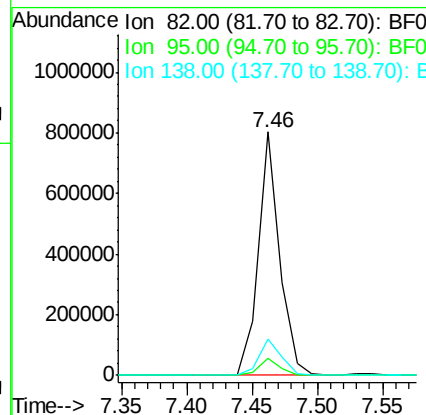
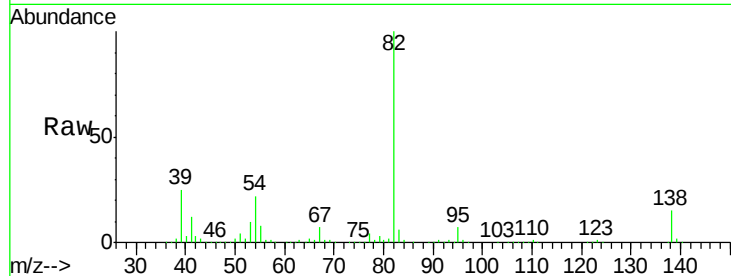
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	916827
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.1	7.7
138	14.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 36.09 ng

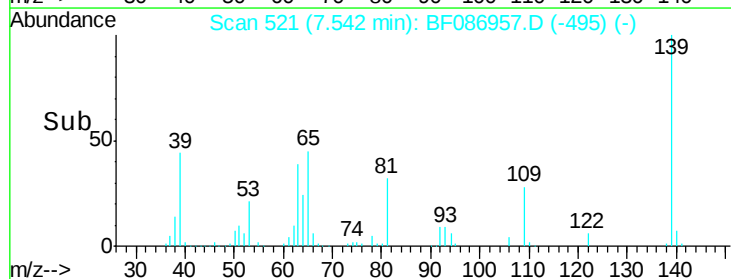
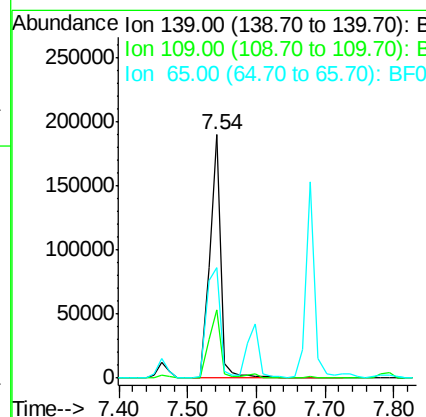
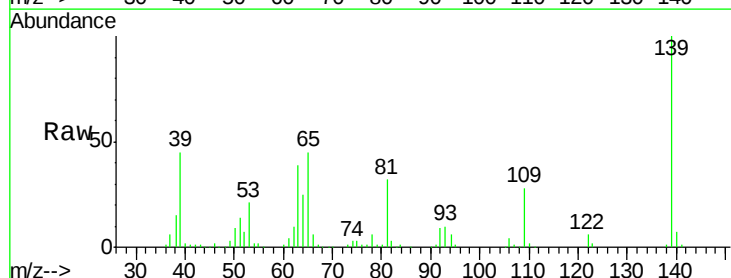
RT: 7.54 min Scan# 521

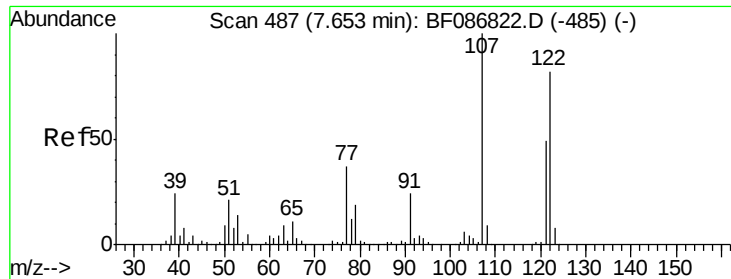
Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:	139	Resp:	208200
Ion Ratio		Lower	Upper
139	100		
109	27.8	19.5	29.3
65	45.4	37.5	56.3





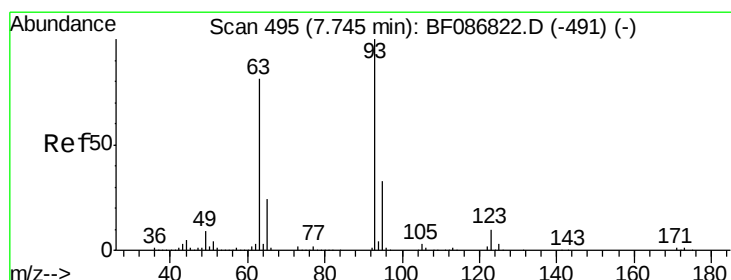
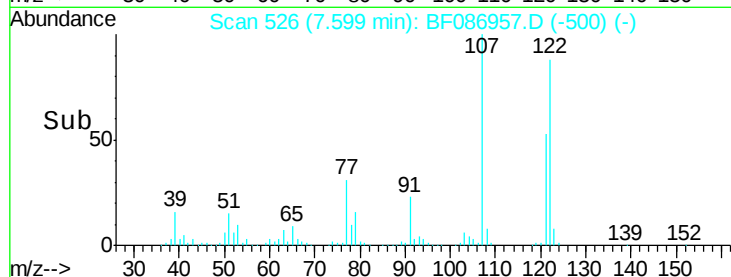
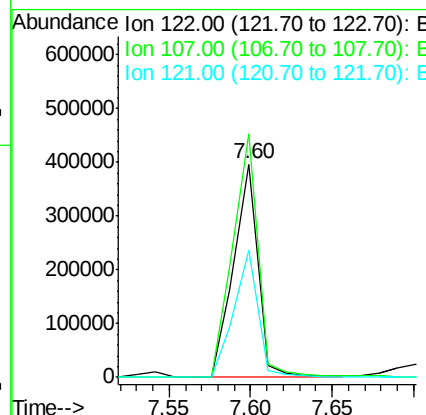
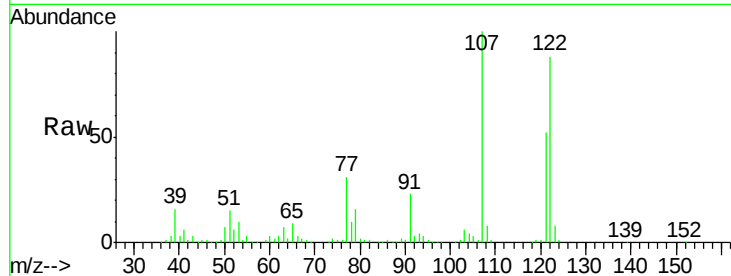
#27
 2,4-Dimethylphenol
 Concen: 42.02 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	412861		
107	114.1	82.0	123.0	
121	59.8	46.1	69.1	

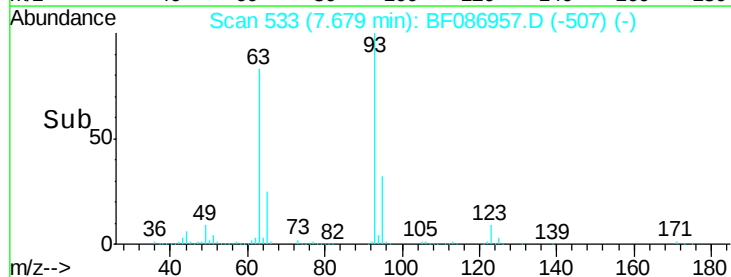
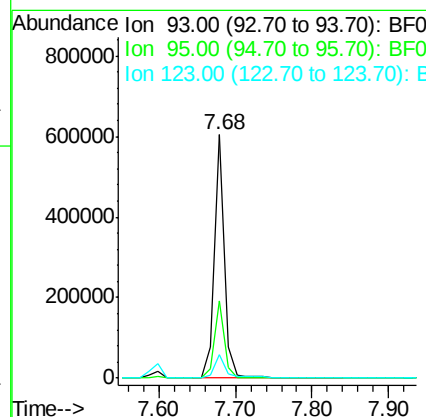
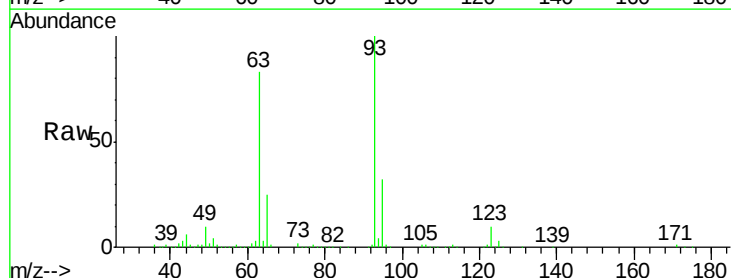
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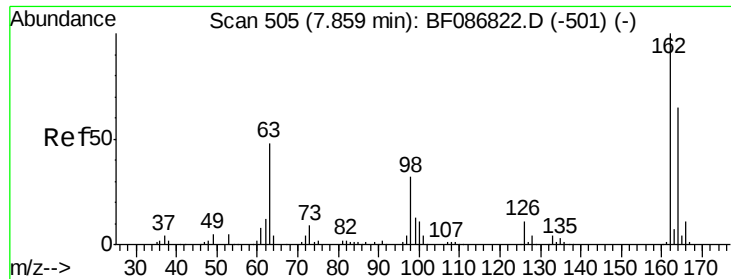
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.21 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	538832		
95	31.9	26.0	39.0	
123	9.6	9.5	14.3	





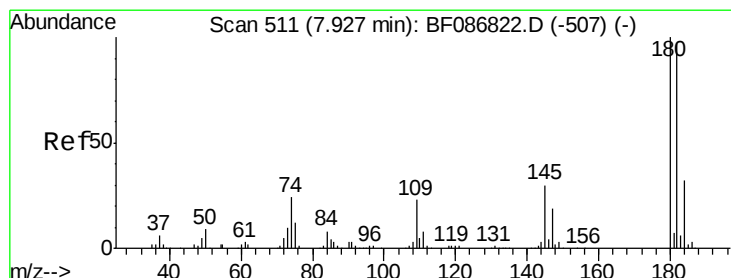
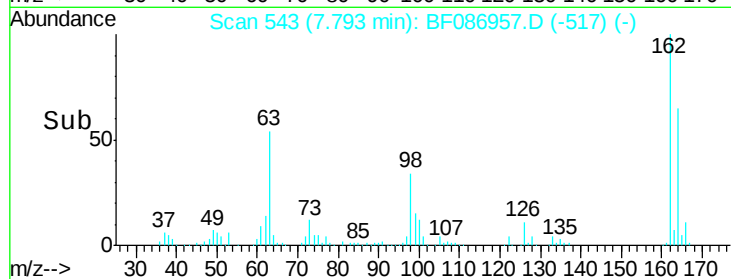
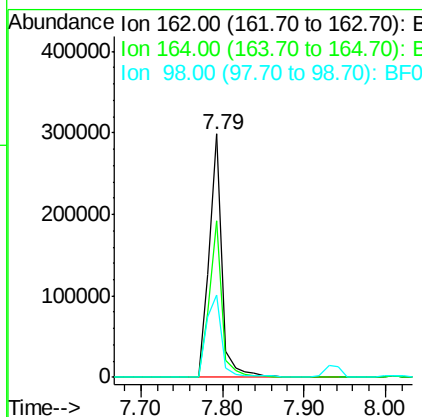
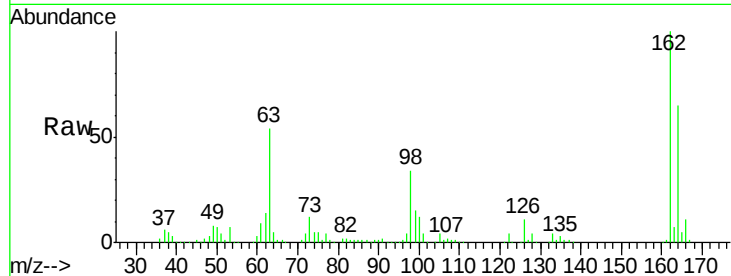
#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	334765
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.2	82.2
98	33.9	19.0	59.0

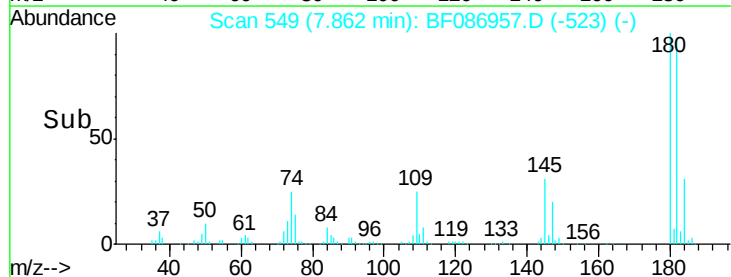
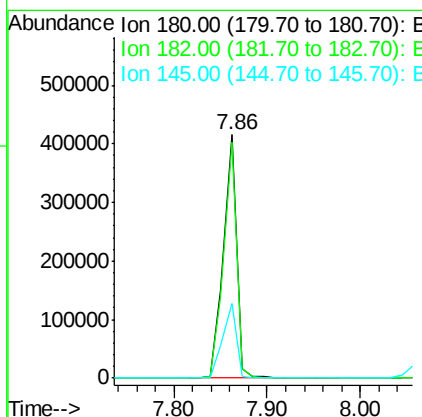
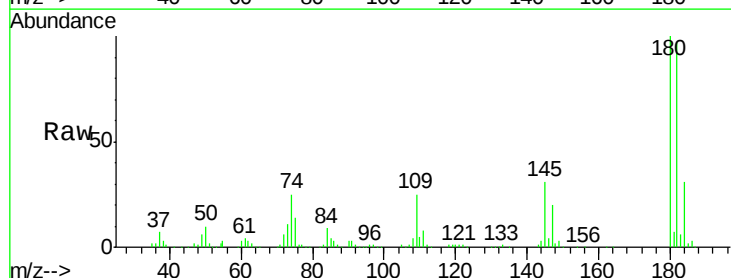
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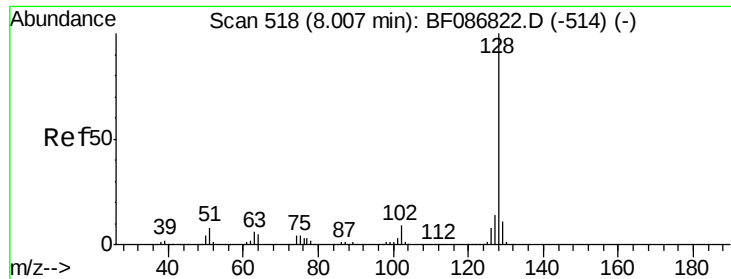
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:	180	Resp:	404811
Ion Ratio	Lower	Upper	
180	100		
182	96.9	78.0	117.0
145	30.7	24.2	36.2





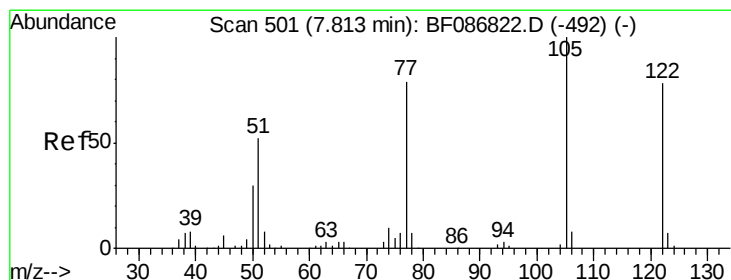
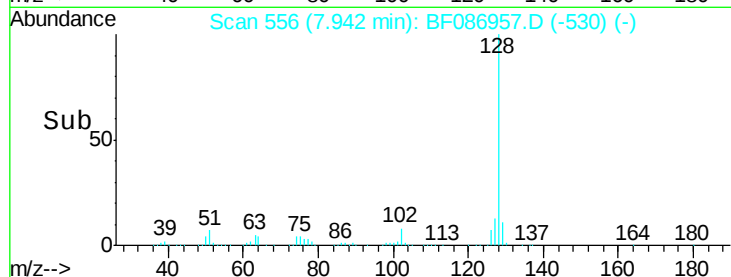
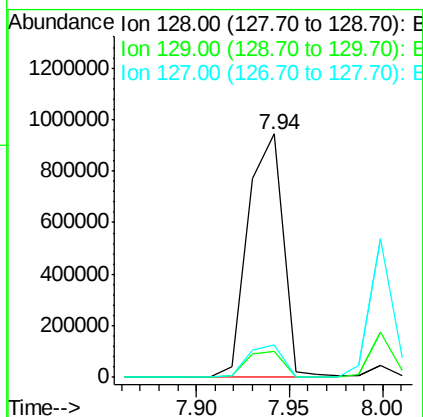
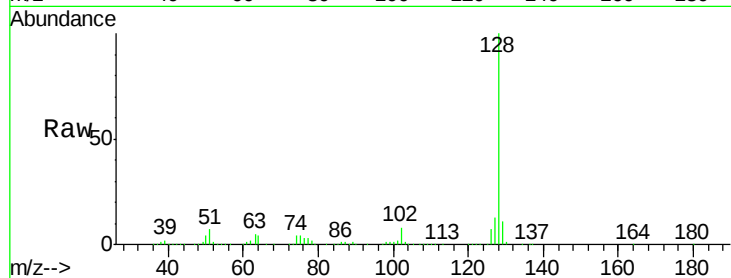
#31
Naphthalene
Concen: 38.40 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1232099
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.8 16.2

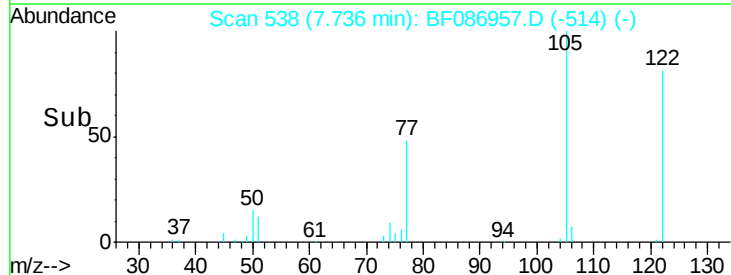
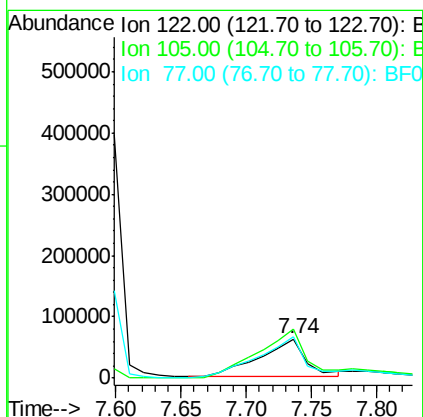
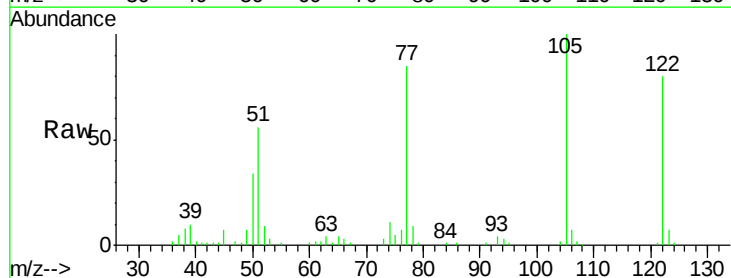
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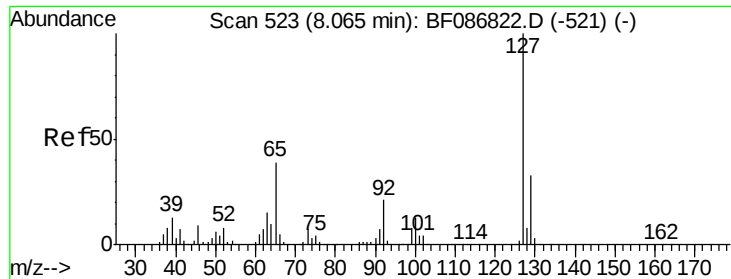
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#32
Benzoic acid
Concen: 26.34 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion:122 Resp: 152009
Ion Ratio Lower Upper
122 100
105 125.5 92.6 132.6
77 106.4 60.0 100.0#





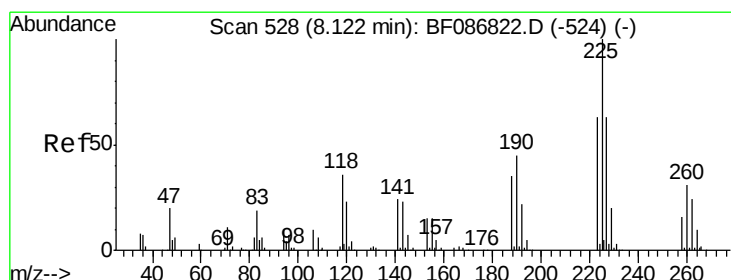
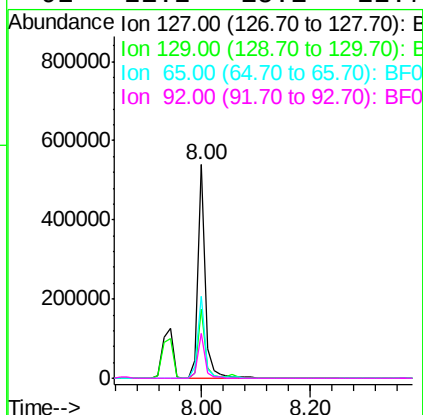
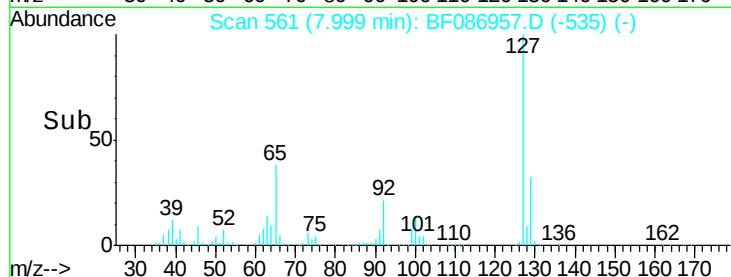
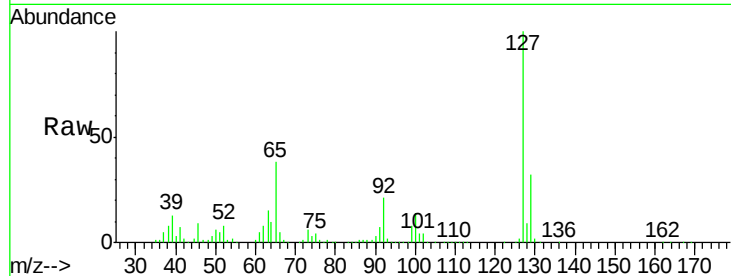
#33
4-Chloroaniline
Concen: 39.44 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	491654		
129	32.4	26.2	39.4	
65	38.4	23.0	34.4	
92	21.2	15.1	22.7	

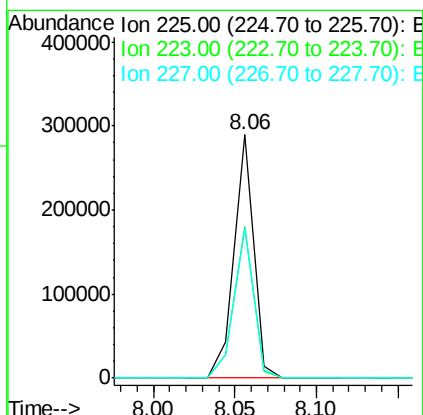
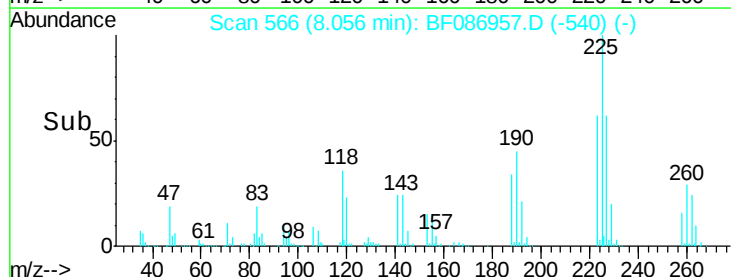
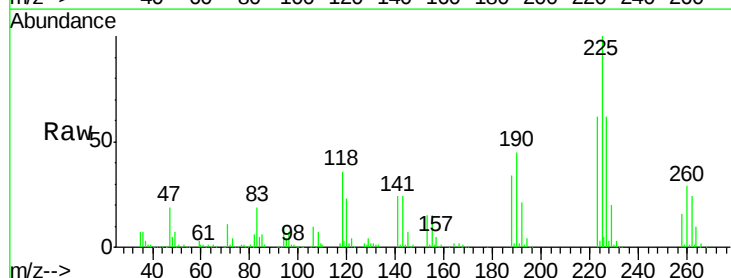
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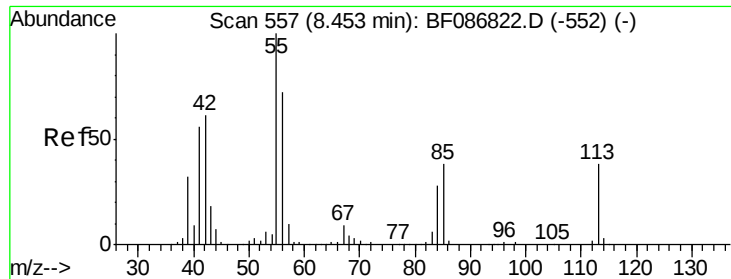
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#34
Hexachlorobutadiene
Concen: 42.52 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	238589		
223	62.2	51.5	77.3	
227	61.7	52.2	78.2	





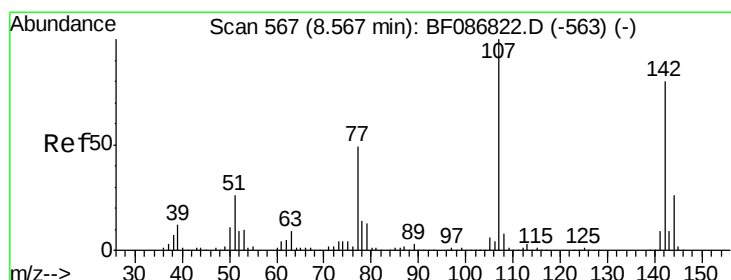
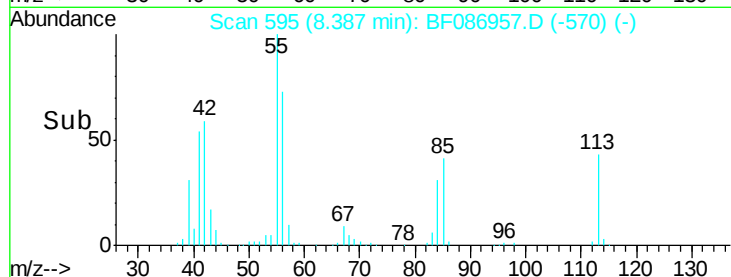
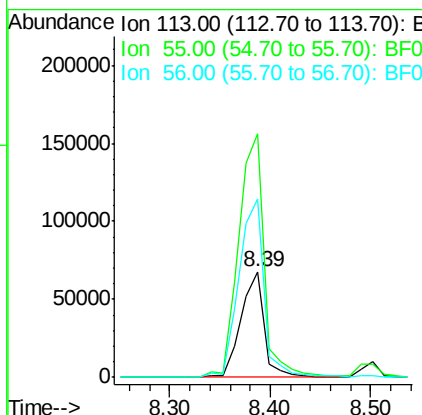
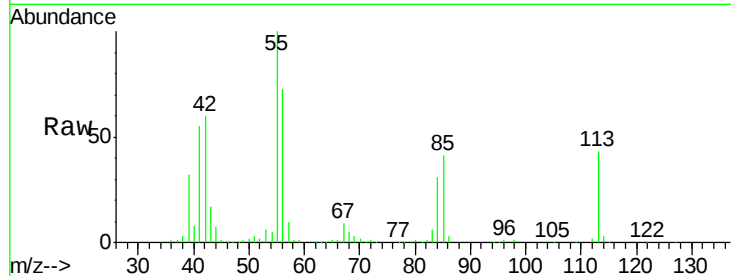
#35
 Caprolactam
 Concen: 36.83 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	231.0	162.0	202.0#	
56	169.4	115.3	155.3#	

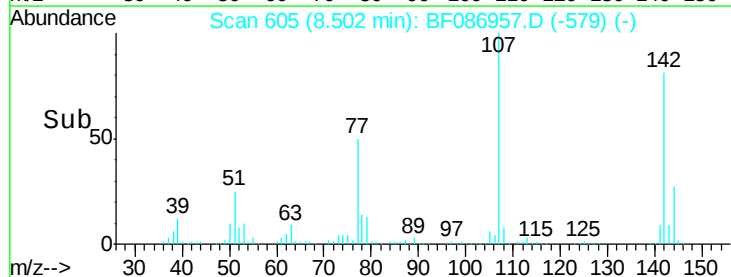
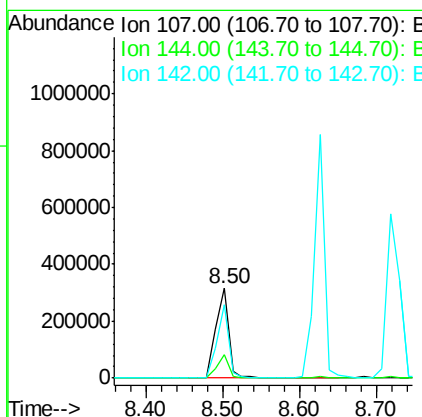
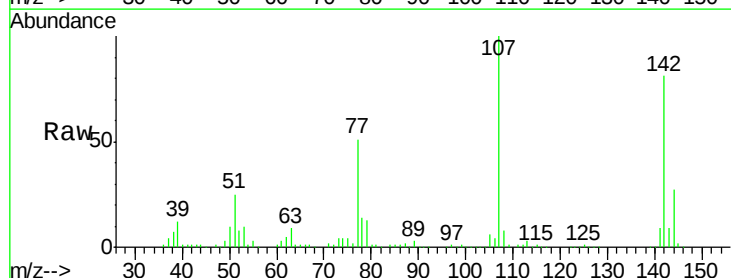
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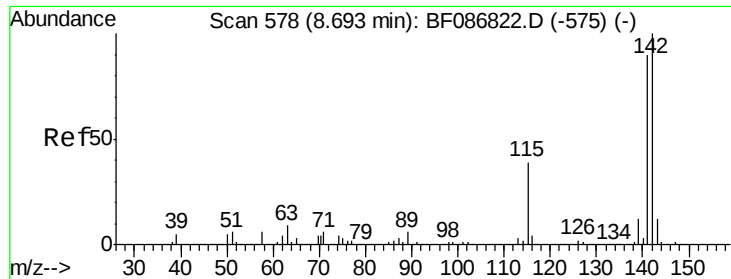
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#36
 4-Chloro-3-methylphenol
 Concen: 35.59 ng
 RT: 8.50 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.6	20.7	31.1	
142	81.0	63.2	94.8	





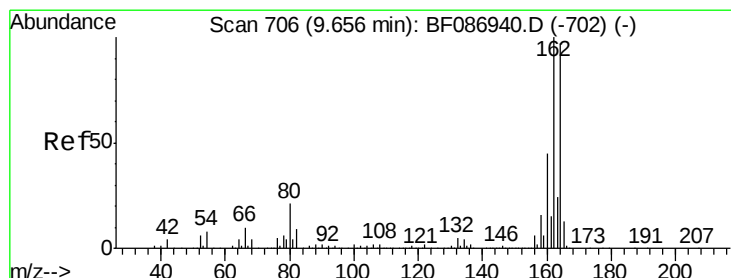
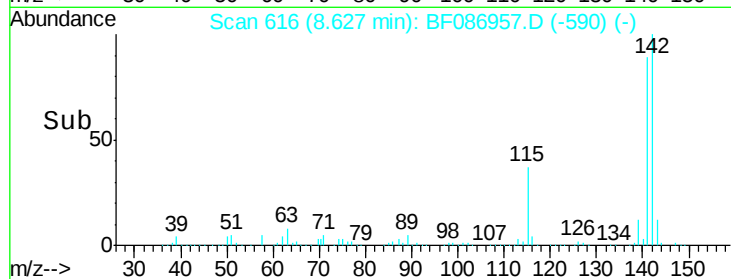
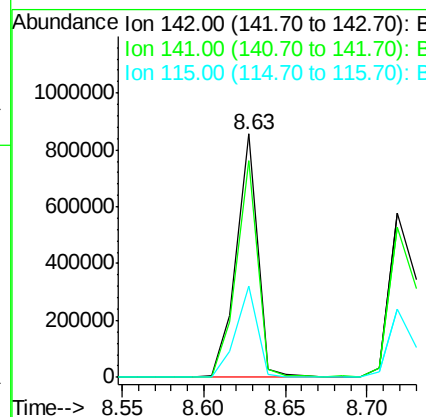
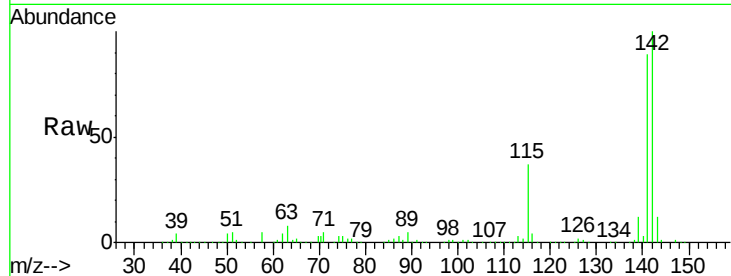
#37
2-Methylnaphthalene
Concen: 40.95 ng
RT: 8.63 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	768138		
141	88.8	71.0	106.6	
115	37.4	26.6	39.8	

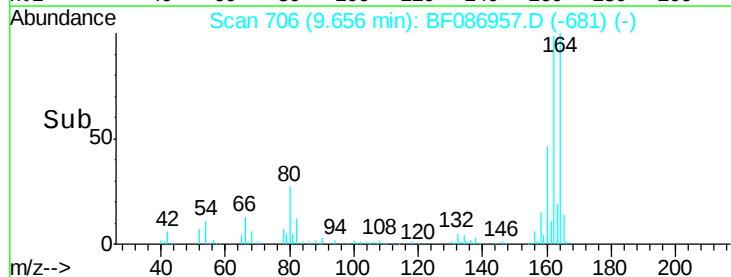
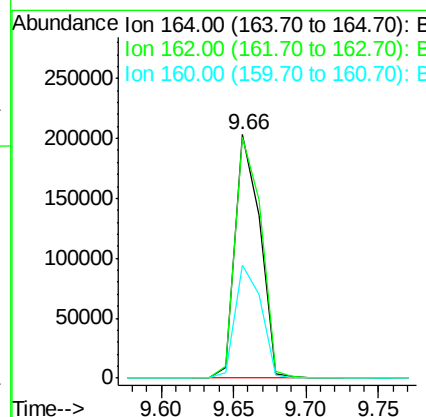
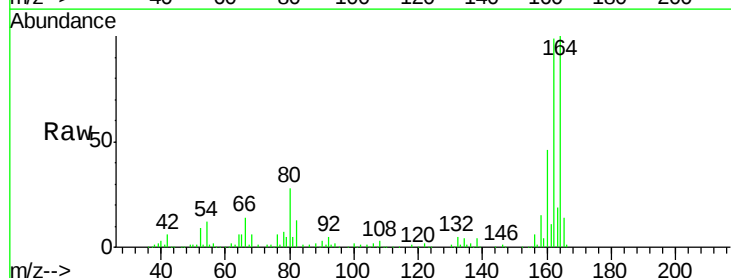
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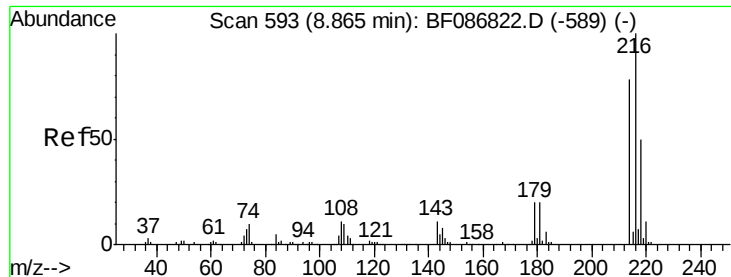
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	242271		
162	99.1	82.8	124.2	
160	46.4	36.9	55.3	





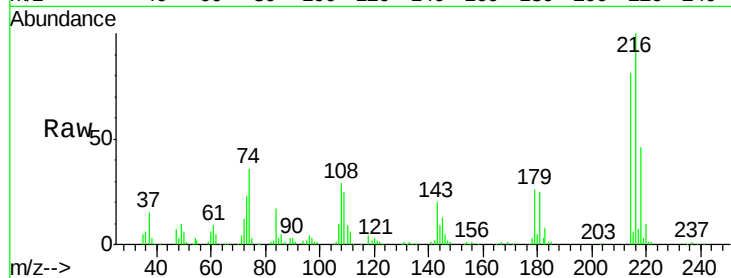
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.02 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

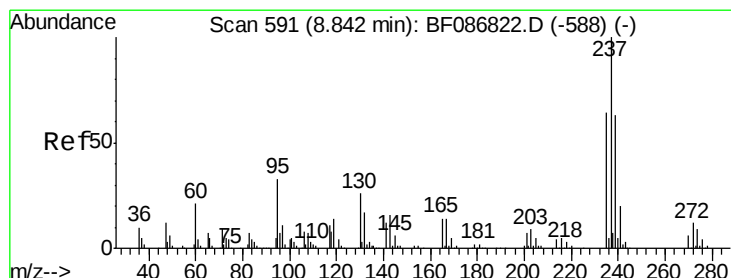
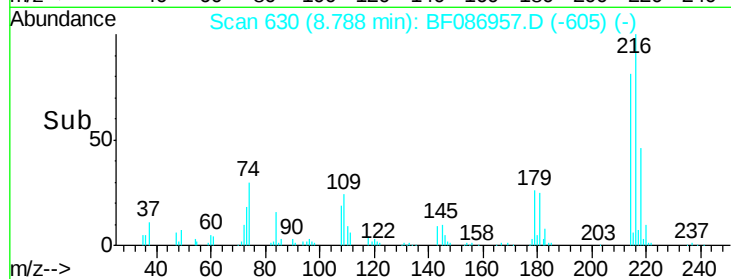
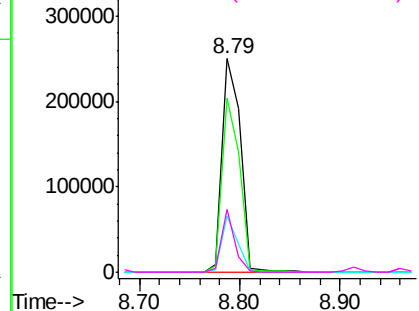
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	317139		
214	78.1	62.6	93.8	
179	22.6	18.2	27.4	
108	21.3	17.5	26.3	

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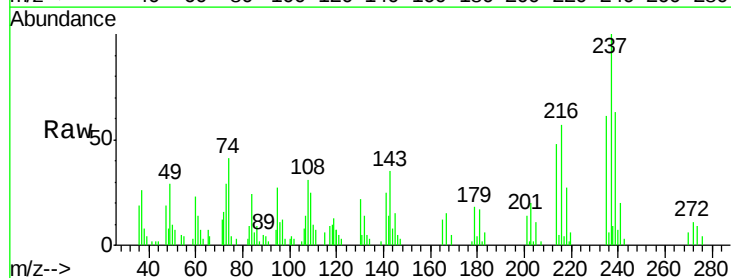


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

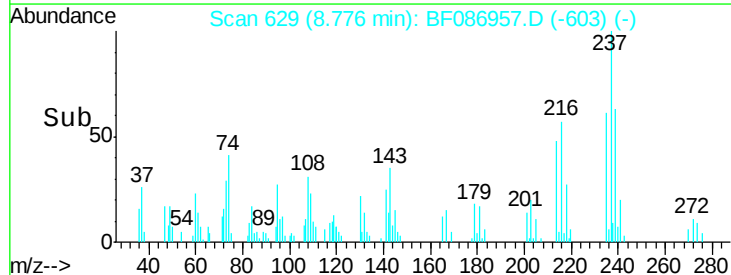
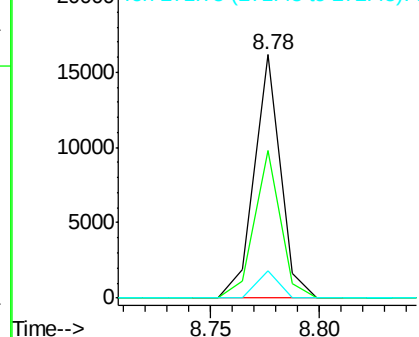


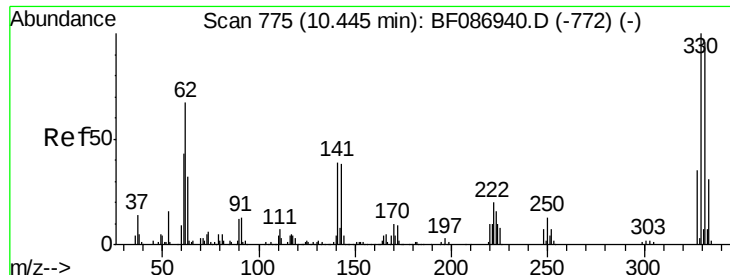
#40
Hexachlorocyclopentadiene
Concen: 4.03 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	13486		
235	60.8	47.2	87.2	
272	11.4	0.0	31.1	



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





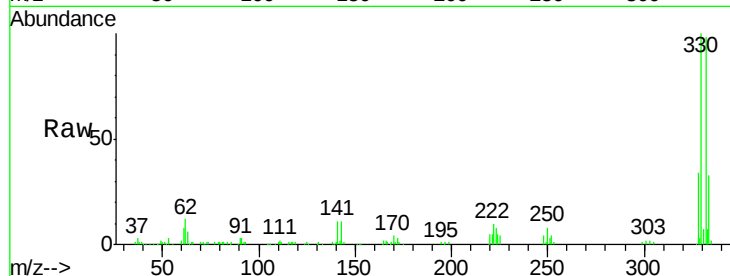
#41
 2,4,6-Tribromophenol
 Concen: 69.35 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

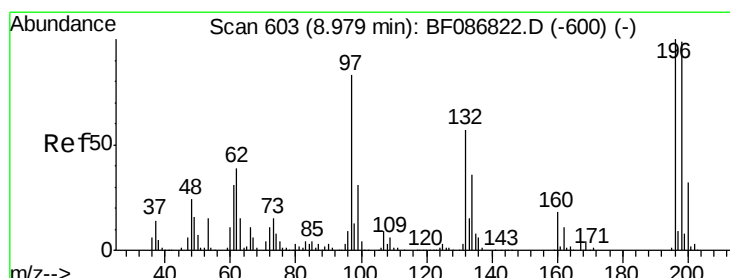
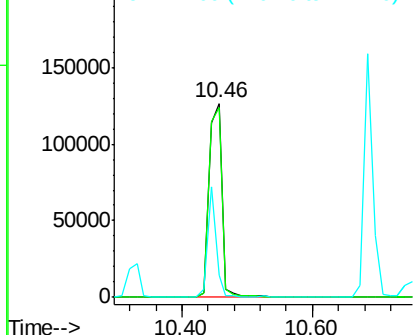
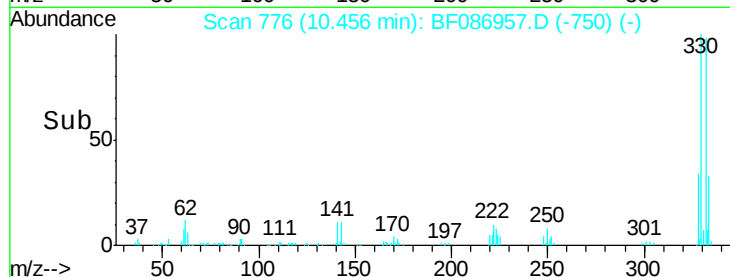
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	177879		
332	98.2	79.0	118.4	
141	36.9	31.2	46.8	

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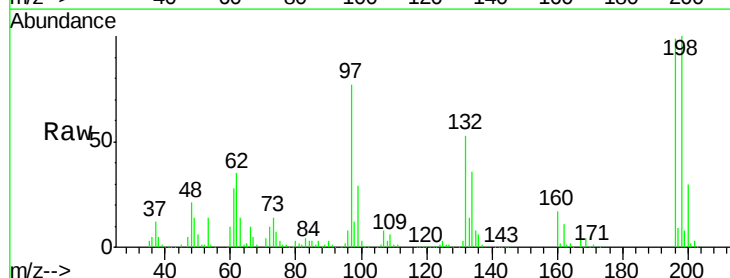


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

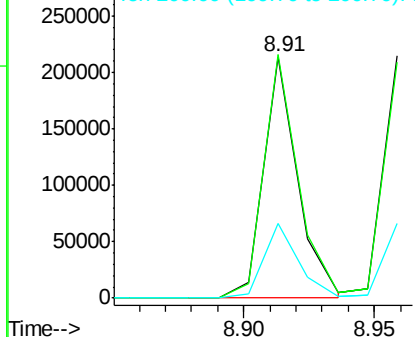
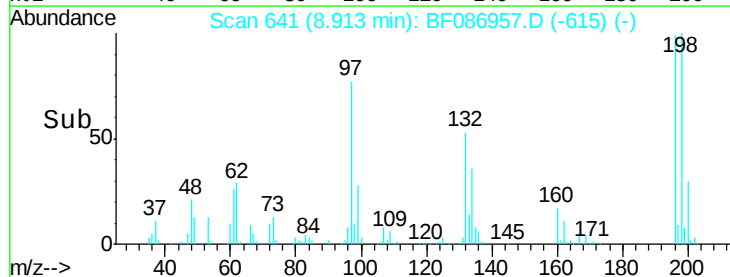


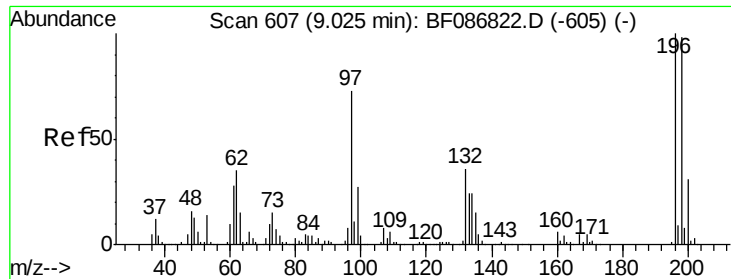
#42
 2,4,6-Trichlorophenol
 Concen: 41.52 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195587		
198	100.9	74.7	112.1	
200	30.7	23.8	35.6	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





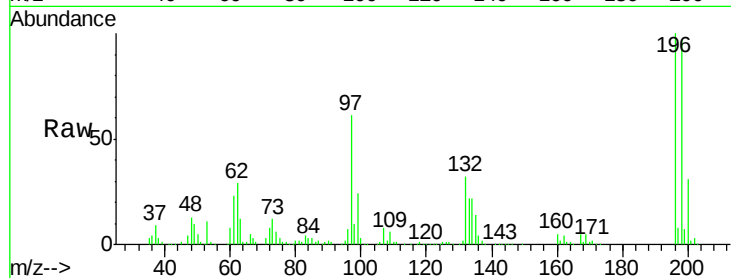
#43
2,4,5-Trichlorophenol
Concen: 42.14 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

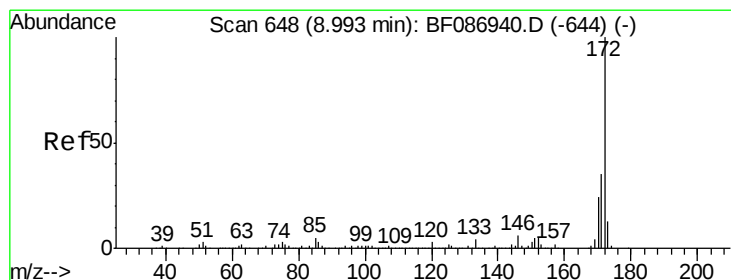
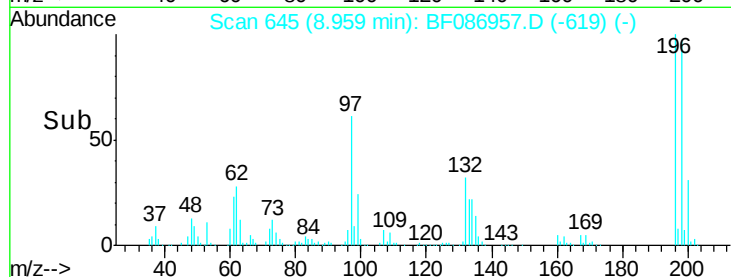
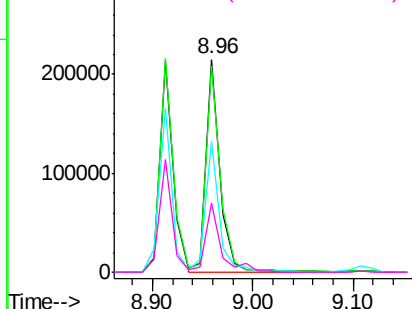
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205258		
198	97.1	77.5	116.3	
97	61.2	34.8	52.2	
132	32.3	23.0	34.4	

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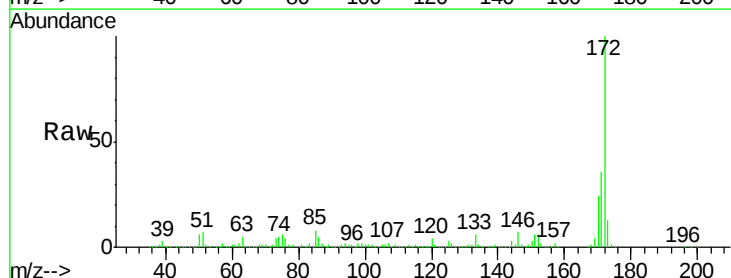


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

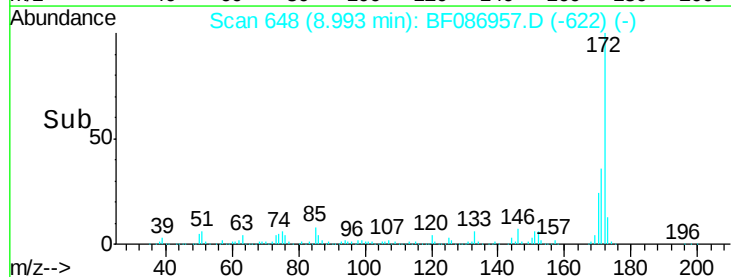
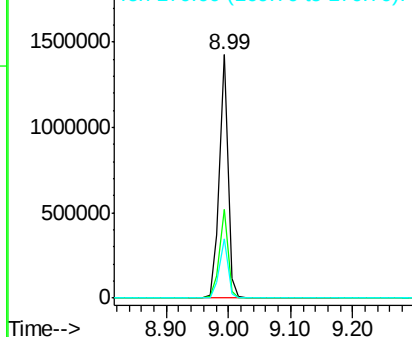


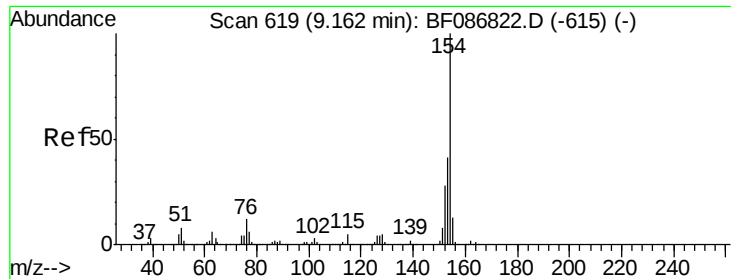
#44
2-Fluorobiphenyl
Concen: 93.02 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1340918		
171	36.5	29.0	43.6	
170	24.2	19.8	29.8	



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





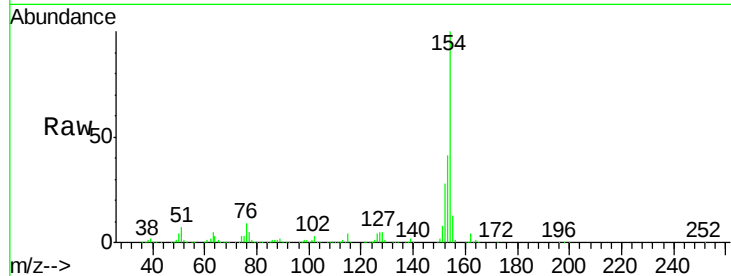
#45
 1,1'-Biphenyl
 Concen: 45.79 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

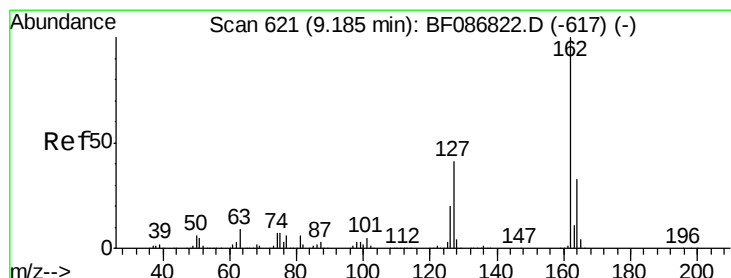
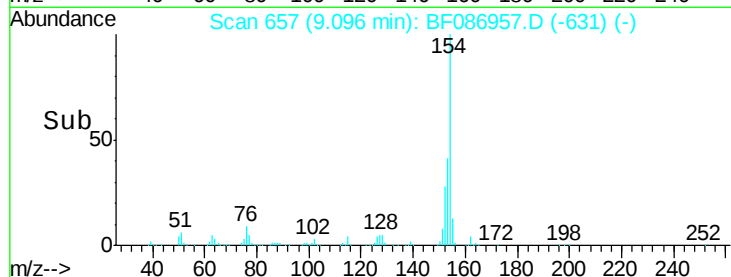
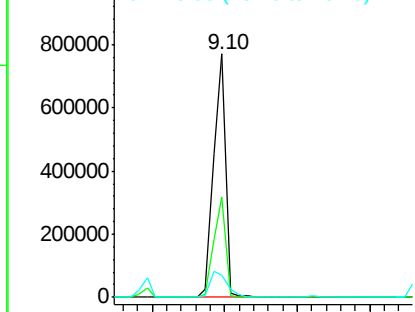
Tgt Ion:	154	Resp:	882346
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.3	60.3
76	9.3	0.0	30.2

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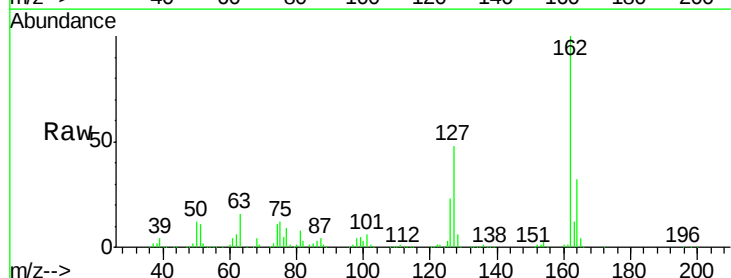


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

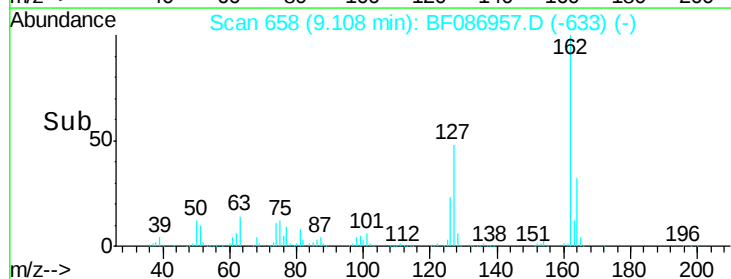
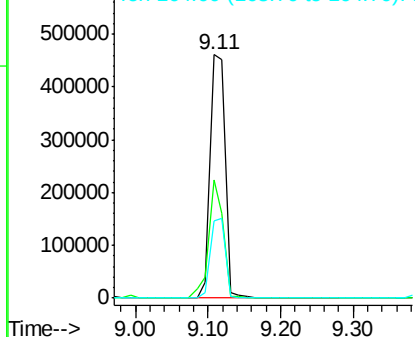


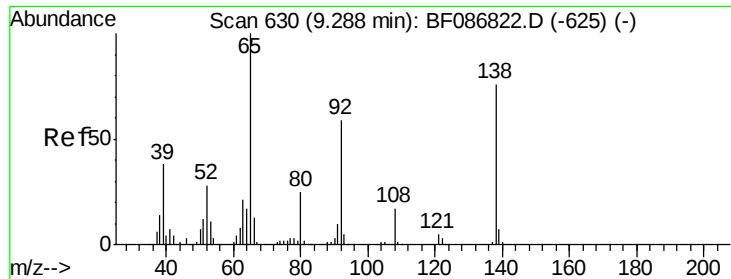
#46
 2-Chloronaphthalene
 Concen: 43.92 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:	162	Resp:	663085
Ion Ratio	Lower	Upper	
162	100		
127	48.4	31.8	47.6#
164	31.9	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





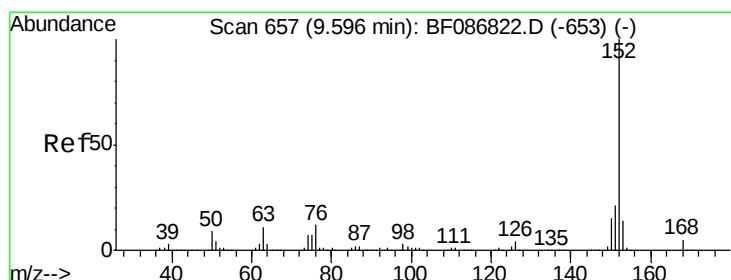
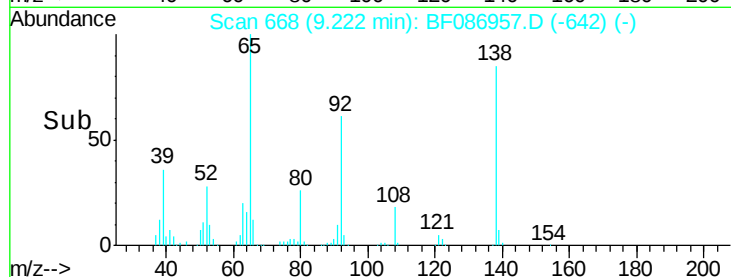
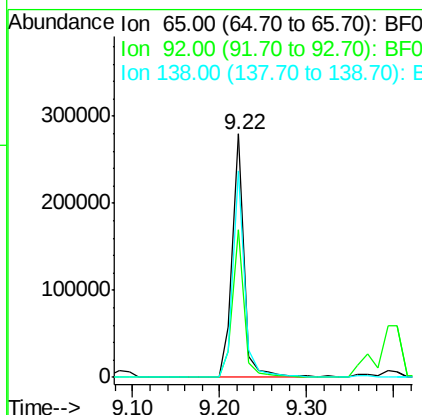
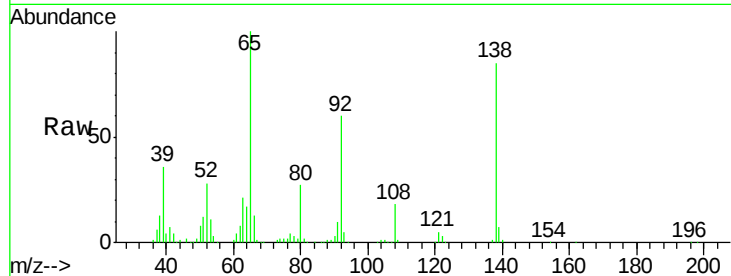
#47
 2-Nitroaniline
 Concen: 48.22 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	266060		
92	60.4	57.4	86.2	
138	84.8	90.1	135.1#	

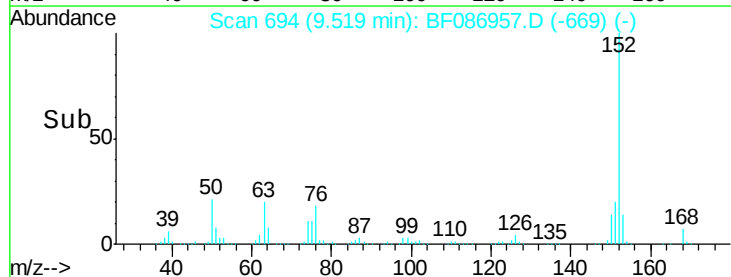
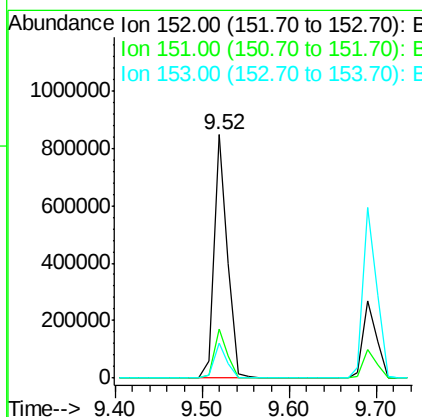
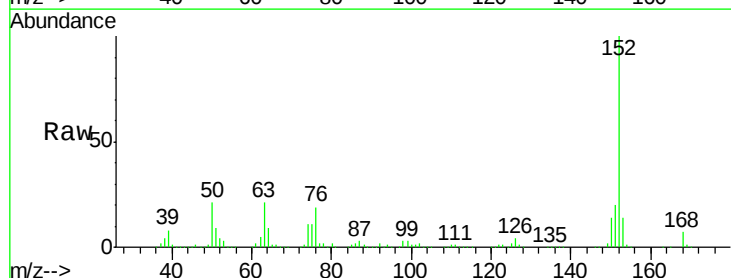
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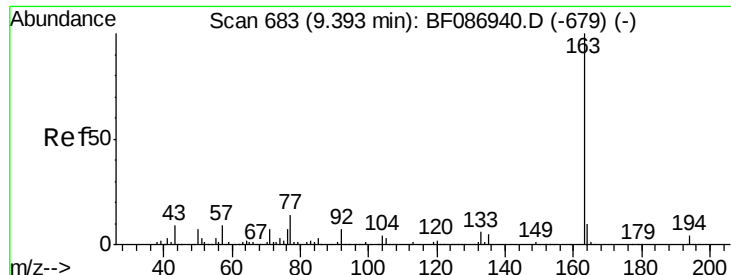
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#48
 Acenaphthylene
 Concen: 41.30 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	917216		
151	20.3	16.8	25.2	
153	14.2	10.9	16.3	





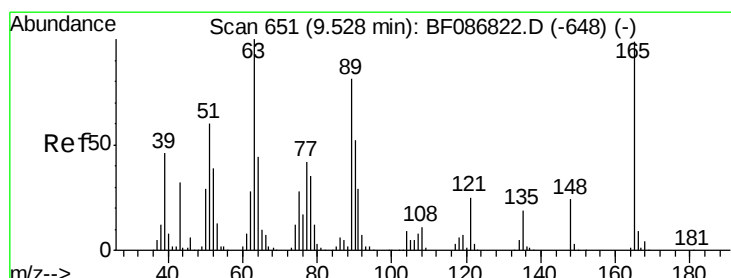
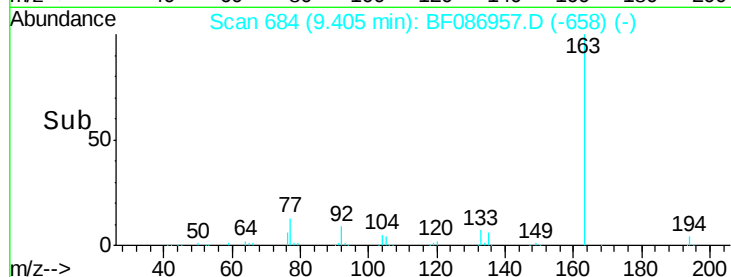
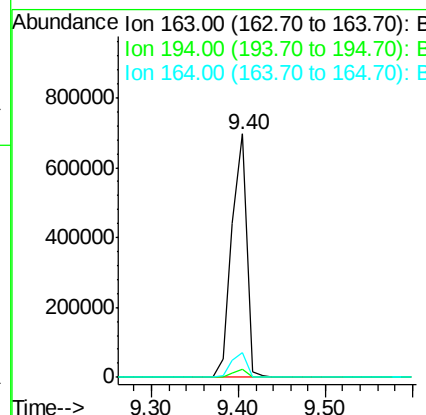
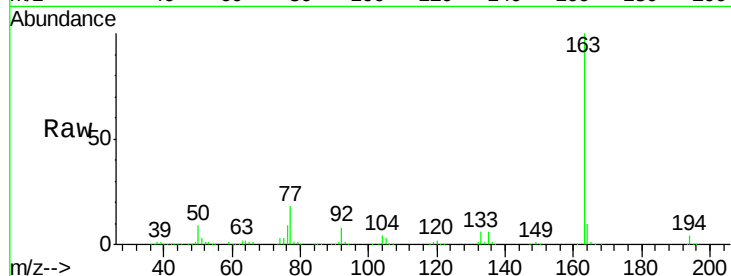
#49
Dimethylphthalate
Concen: 45.22 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	835839		
194	3.6	2.6	4.0	
164	10.1	8.2	12.4	

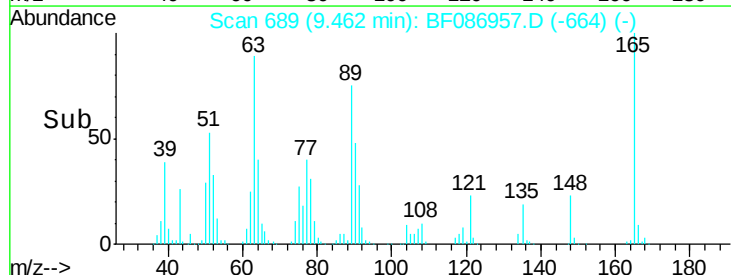
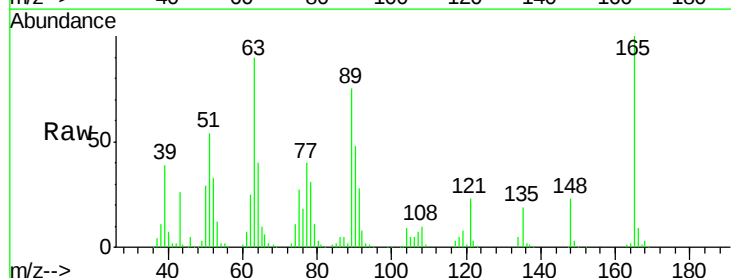
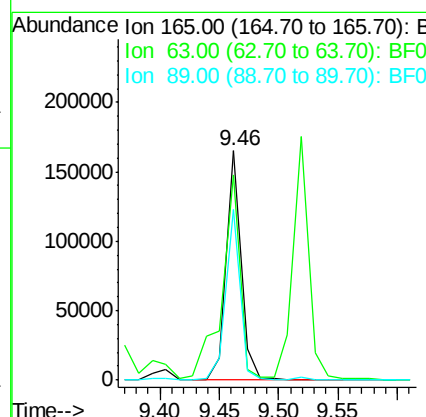
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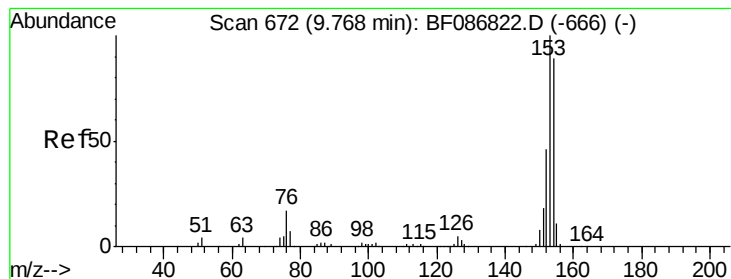
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#50
2,6-Dinitrotoluene
Concen: 36.60 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142358		
63	89.6	51.8	77.8#	
89	74.6	50.7	76.1	





#51

Acenaphthene

Concen: 40.23 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

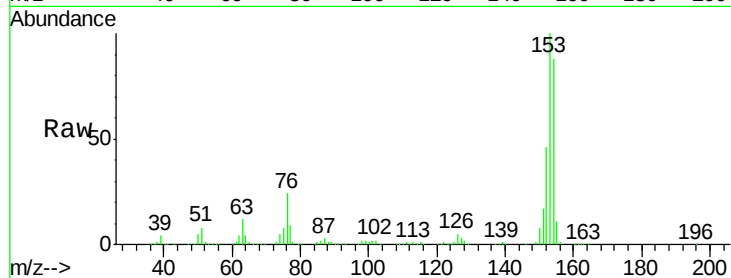
ClientSampleId :

SSTDCCC040

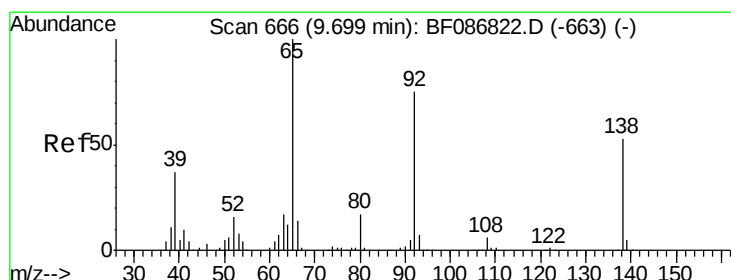
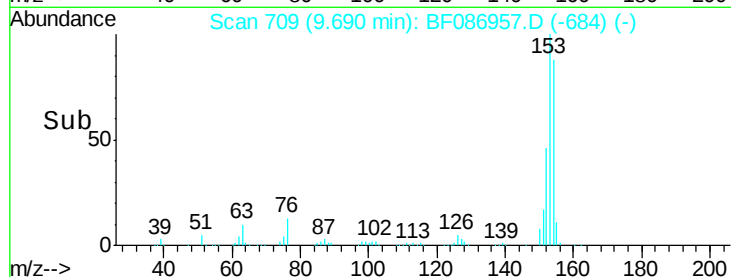
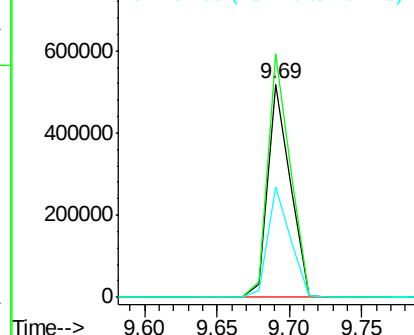
Tgt Ion:	154	Resp:	555791
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.6
152	52.1	43.4	65.0

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



#52

3-Nitroaniline

Concen: 45.27 ng

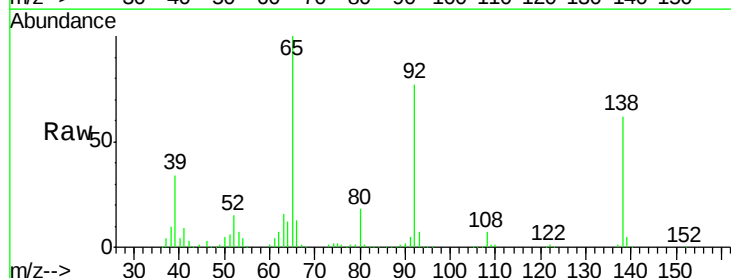
RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

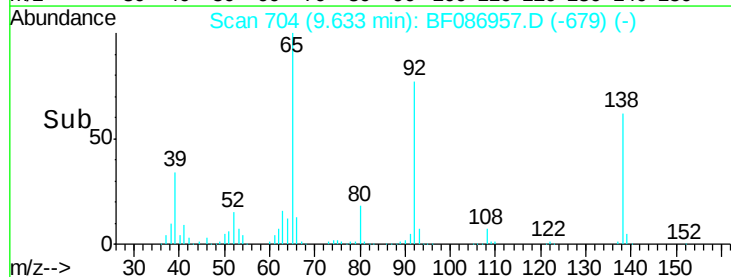
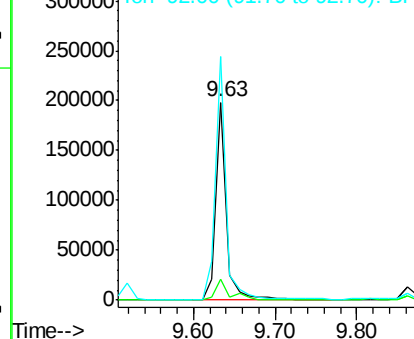
Lab File: BF086957.D

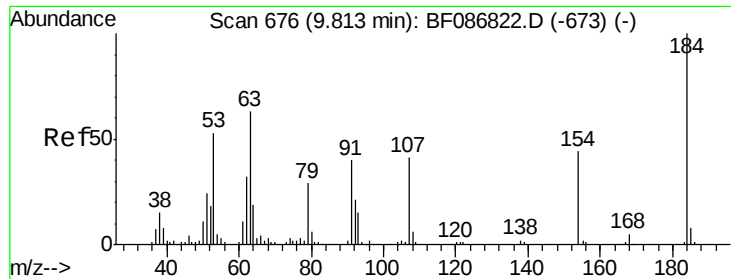
Acq: 13 May 2016 5:43

Tgt Ion:	138	Resp:	185374
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.8	11.6
92	123.0	87.8	131.8



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





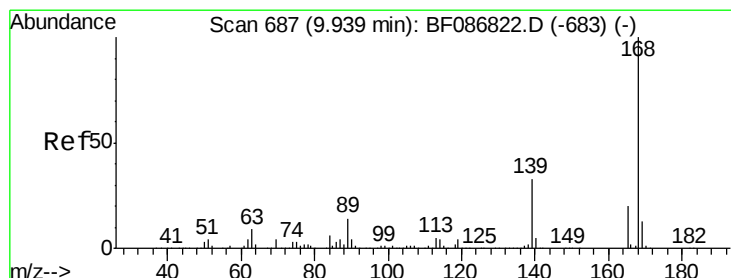
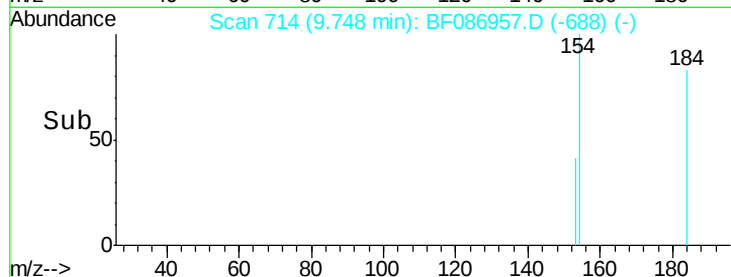
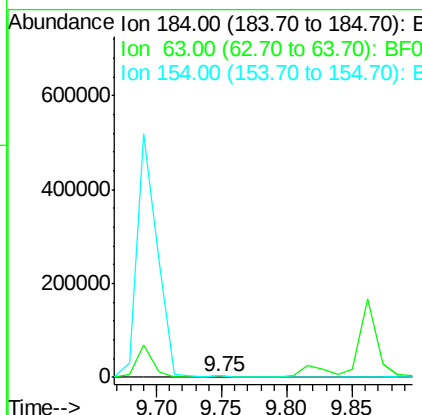
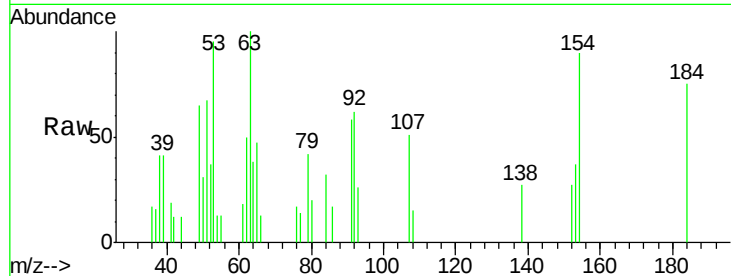
#53
 2,4-Dinitrophenol
 Concen: 9.96 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	4996		
63	133.7	55.8	83.8#	
154	119.9	62.4	93.6#	

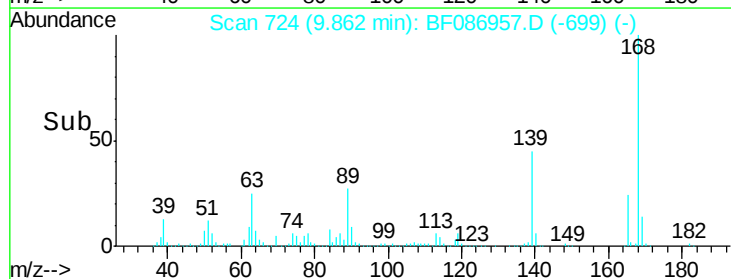
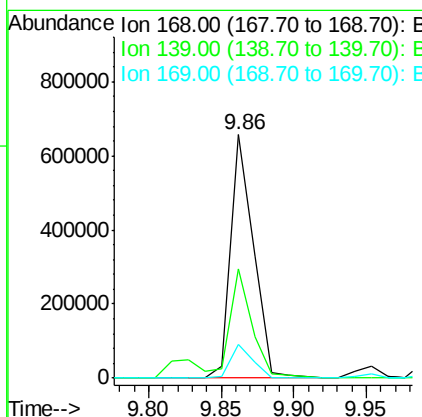
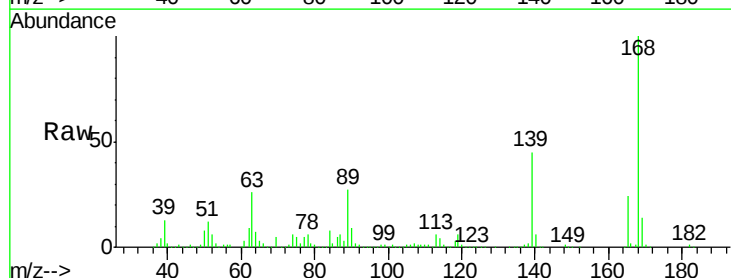
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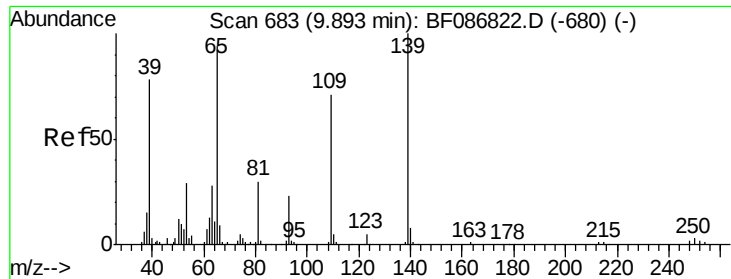
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#54
 Dibenzofuran
 Concen: 40.67 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	721213		
139	44.8	31.4	47.0	
169	13.8	10.7	16.1	





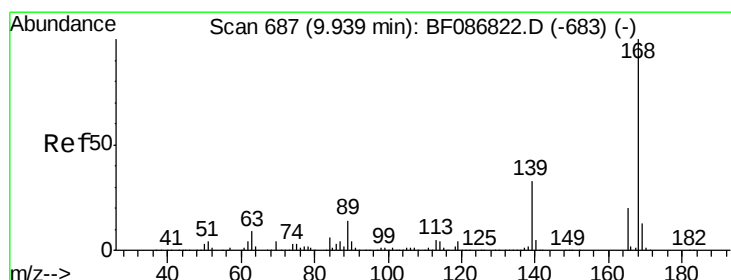
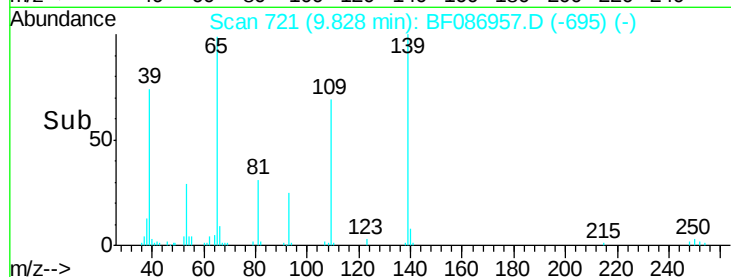
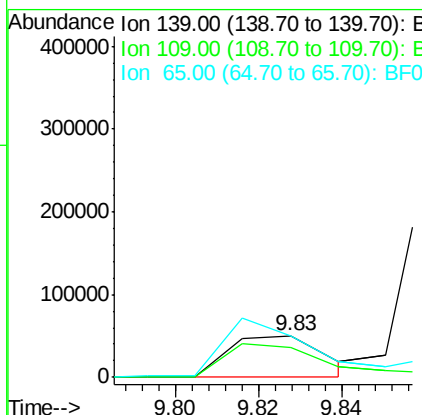
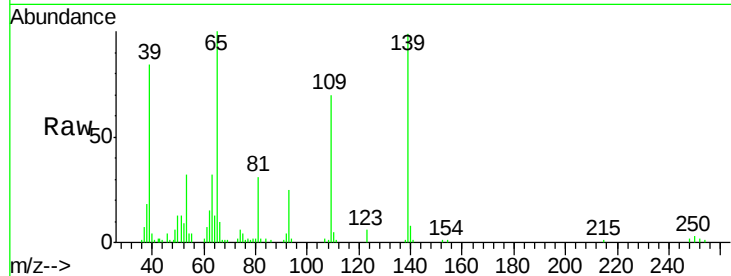
#55
4-Nitrophenol
Concen: 32.11 ng m
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79768		
109	71.0	36.9	76.9	
65	100.7	64.0	104.0	

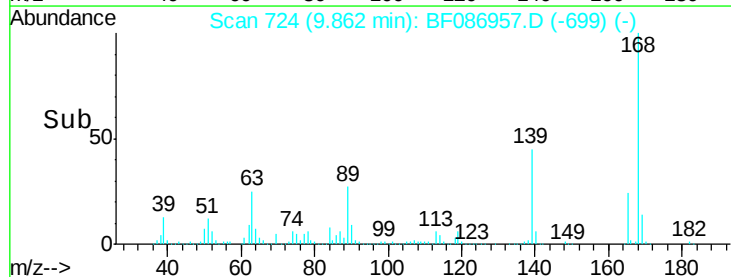
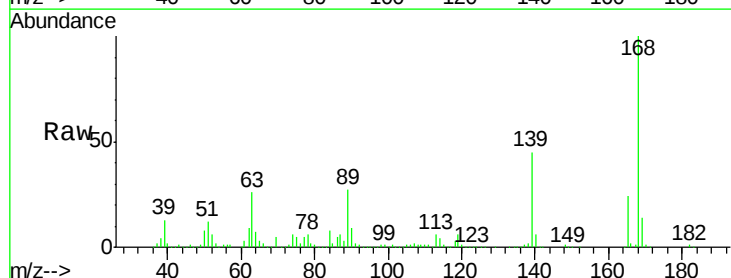
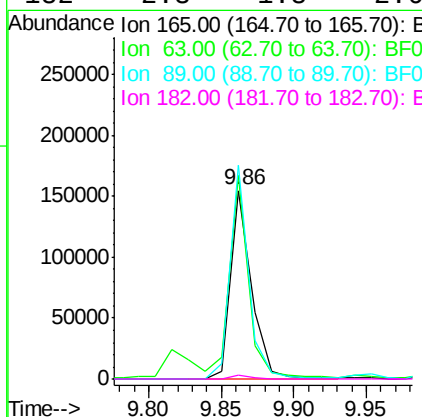
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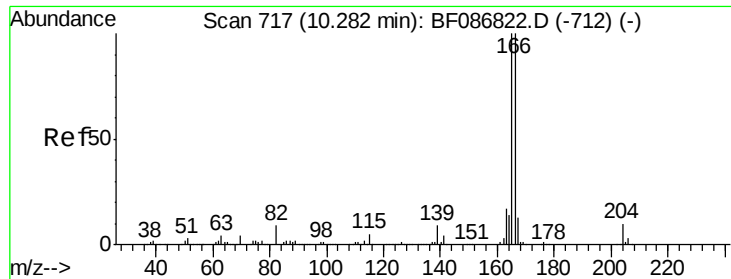
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#56
2,4-Dinitrotoluene
Concen: 32.41 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155995		
63	108.4	44.3	66.5#	
89	113.5	70.0	105.0#	
182	2.3	1.8	2.6	





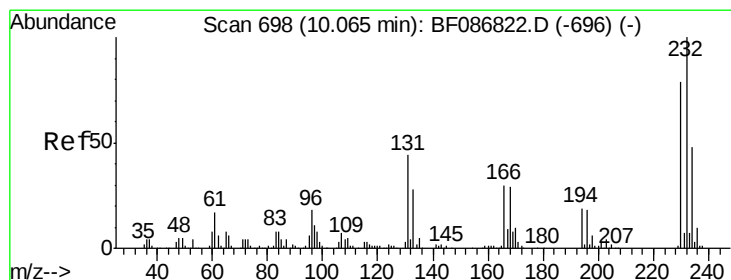
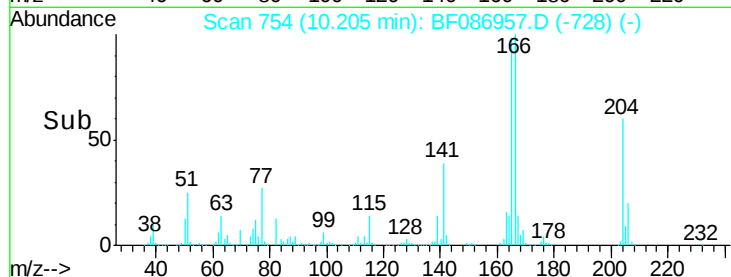
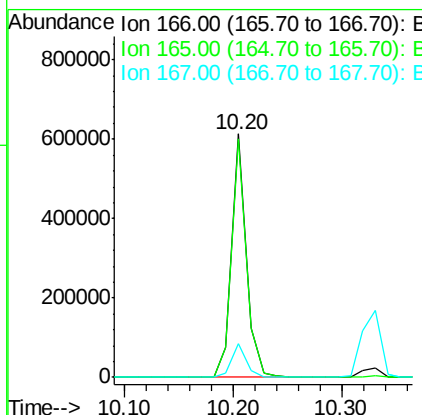
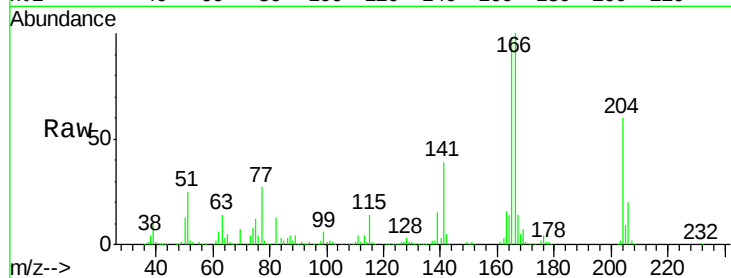
#57
 Fluorene
 Concen: 37.75 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	570817		
165	97.7	79.0	118.6	
167	13.8	10.6	15.8	

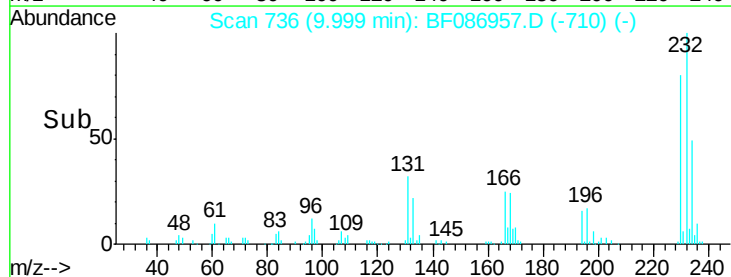
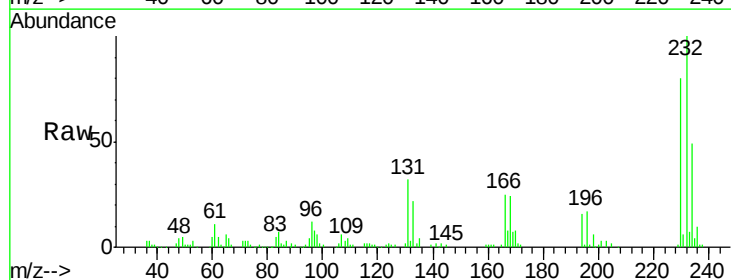
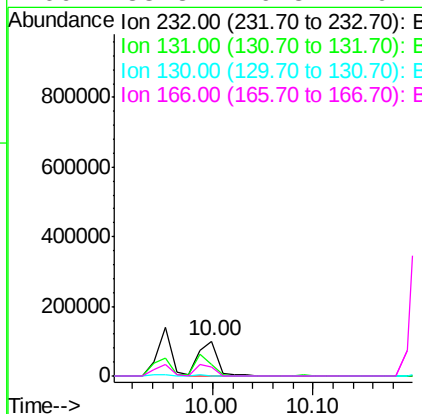
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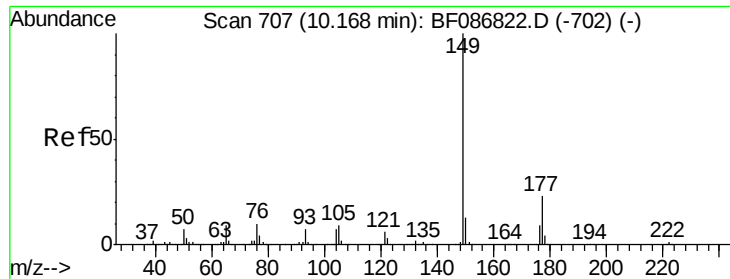
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.28 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	129386		
131	53.5	41.9	62.9	
130	2.8	2.2	3.4	
166	33.3	26.8	40.2	





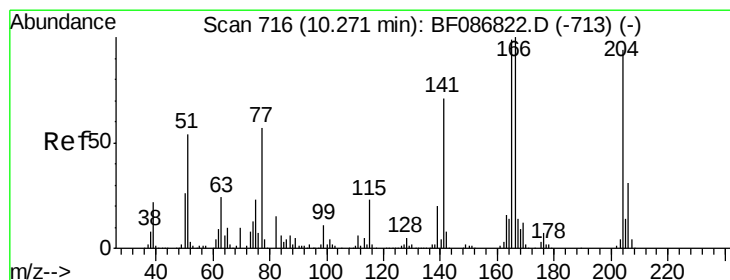
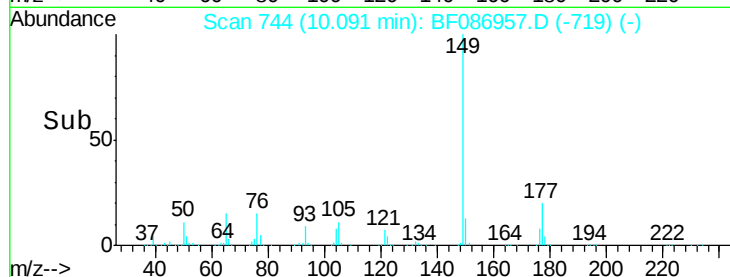
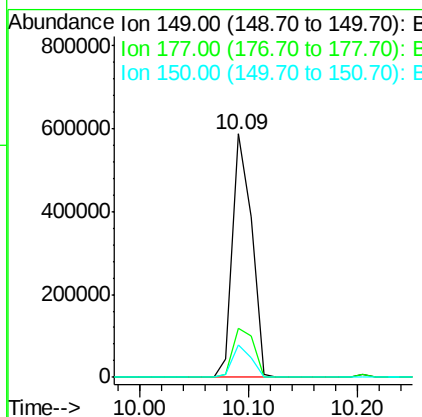
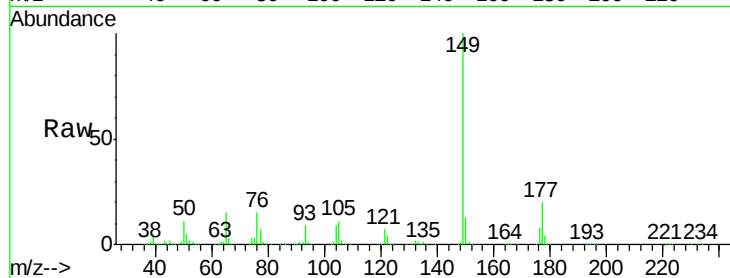
#59
Diethylphthalate
Concen: 39.31 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.2	16.6	24.8
150	13.1	10.0	15.0

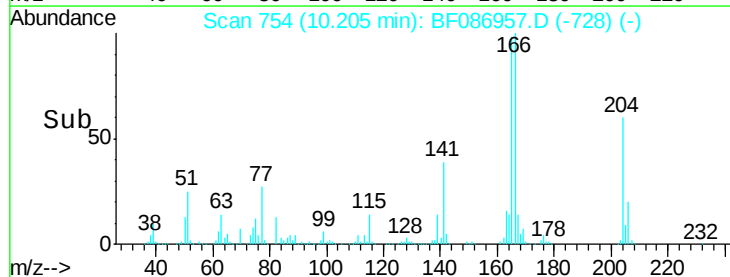
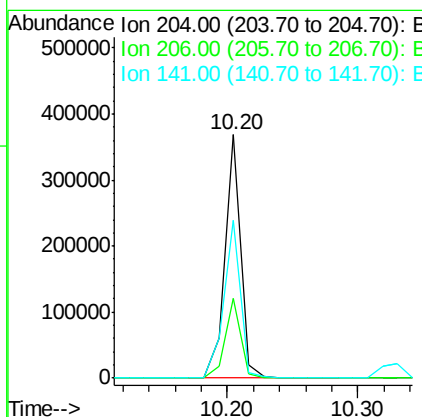
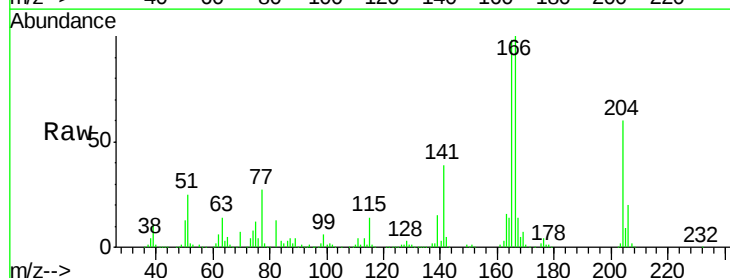
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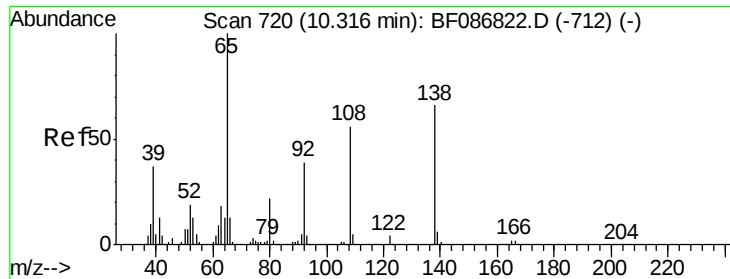
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#60
4-Chlorophenyl-phenylether
Concen: 48.14 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.6	25.4	38.0
141	64.8	61.6	92.4





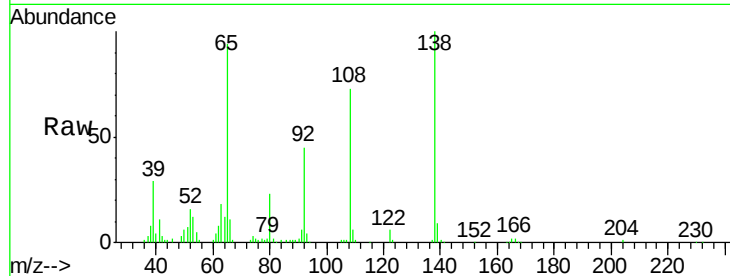
#61
4-Nitroaniline
Concen: 45.97 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

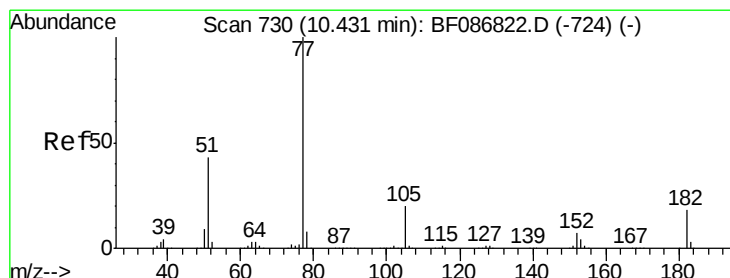
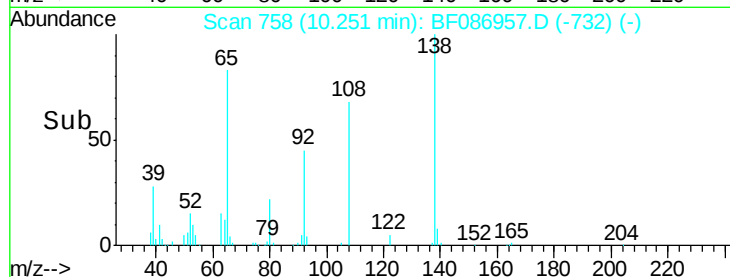
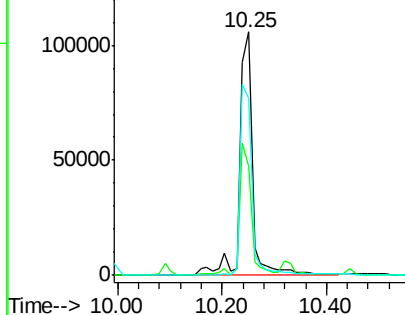
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	180816		
92	45.0	24.7	64.7	
108	73.0	37.4	77.4	

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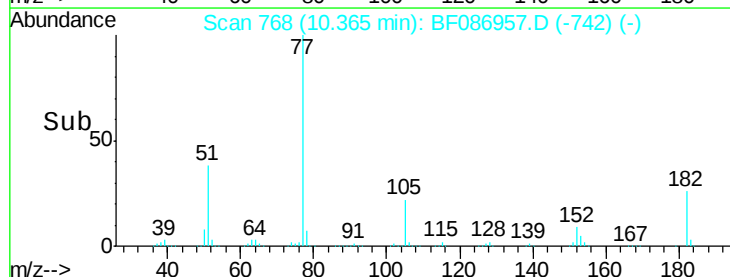
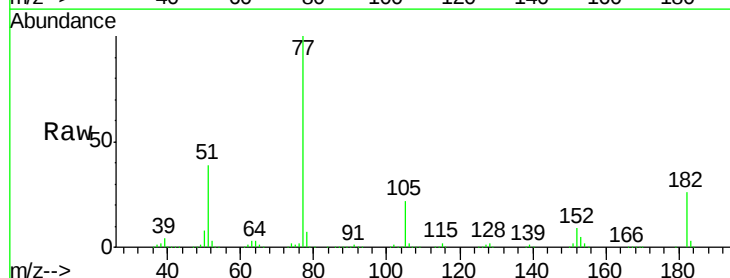
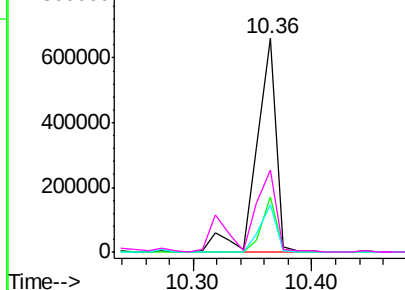
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

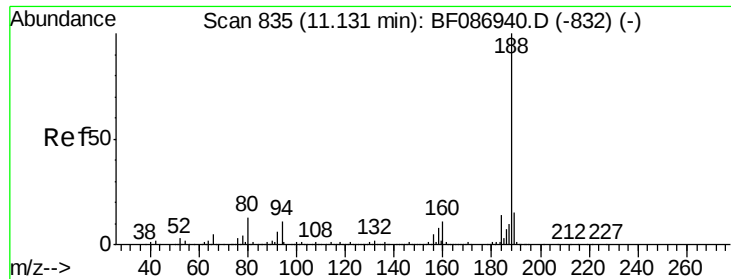


#62
Azobenzene
Concen: 39.15 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	760724		
182	25.6	0.0	38.8	
105	22.4	3.2	43.2	
51	38.5	8.8	48.8	

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





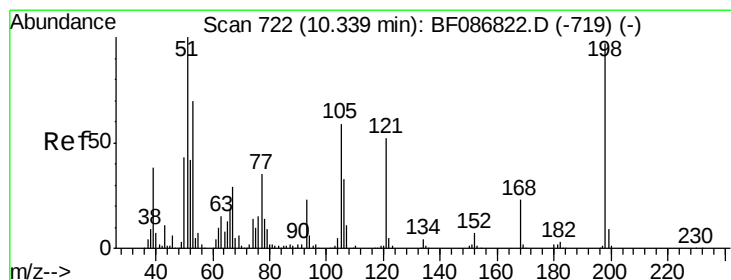
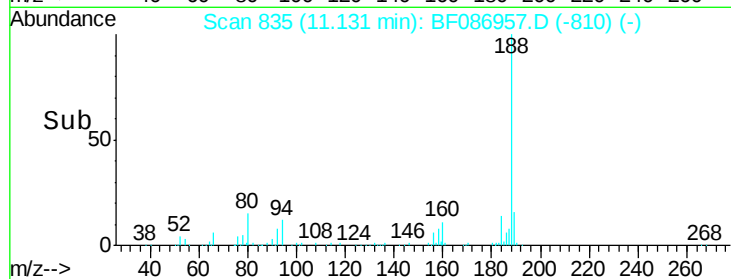
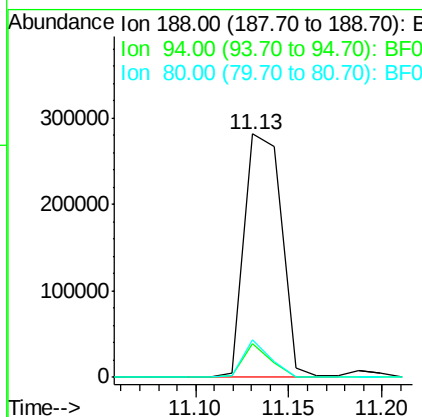
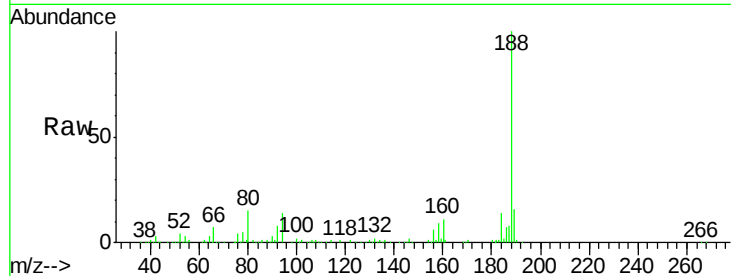
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.7	6.8	10.2#
80	15.4	7.1	10.7#

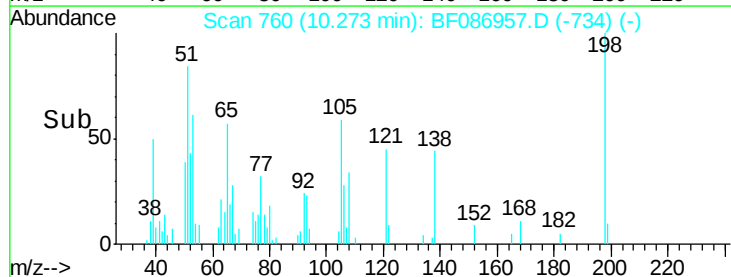
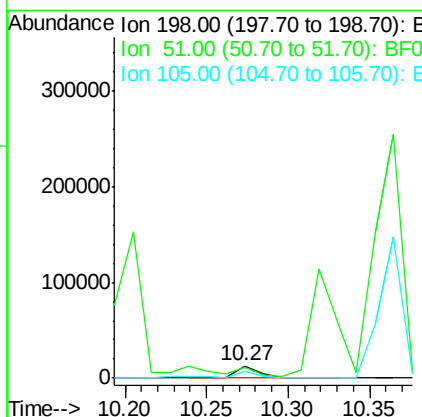
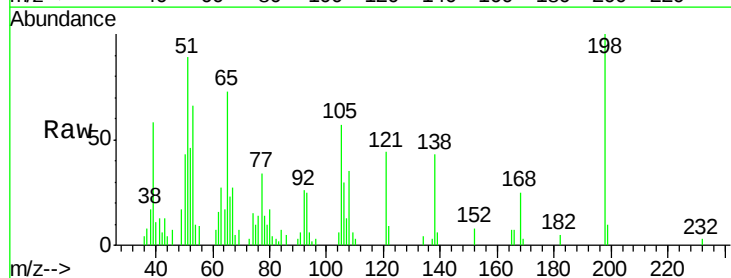
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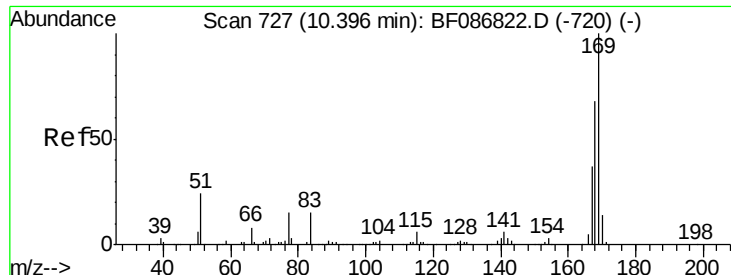
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.32 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	89.4	20.5	60.5#
105	57.2	24.5	64.5





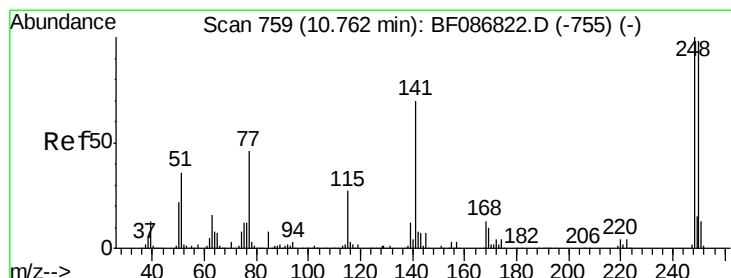
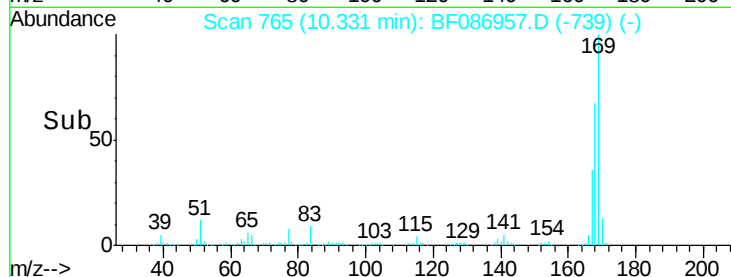
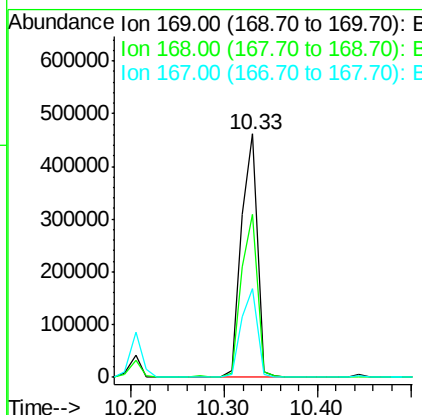
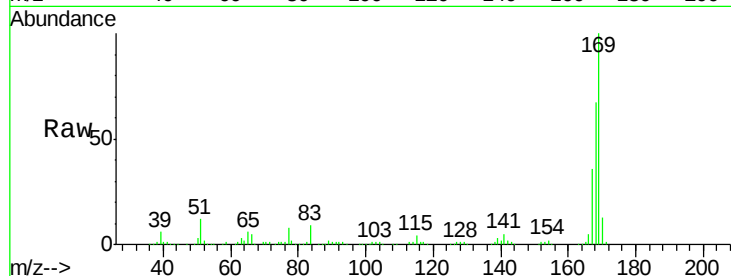
#65
n-Nitrosodiphenylamine
Concen: 46.16 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	552138		
168	66.9	53.8	80.6	
167	36.4	29.5	44.3	

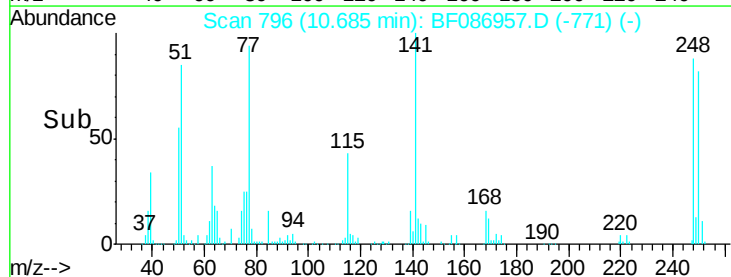
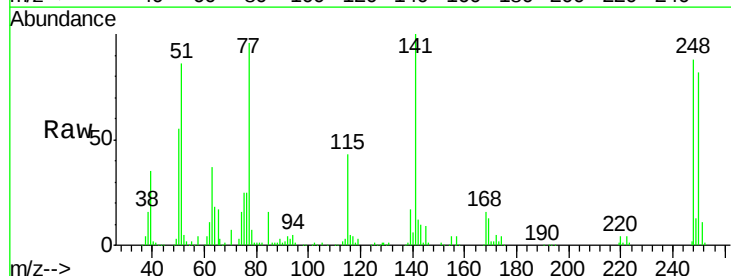
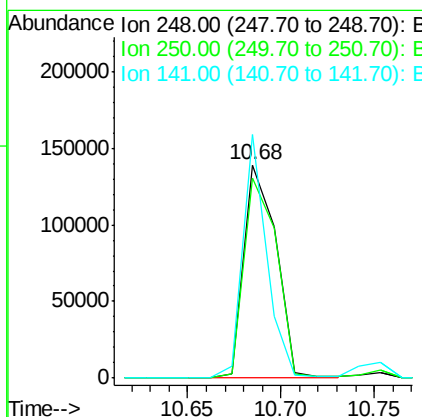
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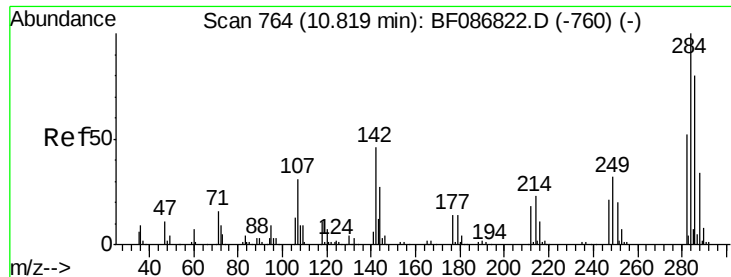
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#66
4-Bromophenyl-phenylether
Concen: 42.84 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169085		
250	93.8	78.6	117.8	
141	114.1	76.0	114.0	





#67

Hexachlorobenzene

Concen: 42.15 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

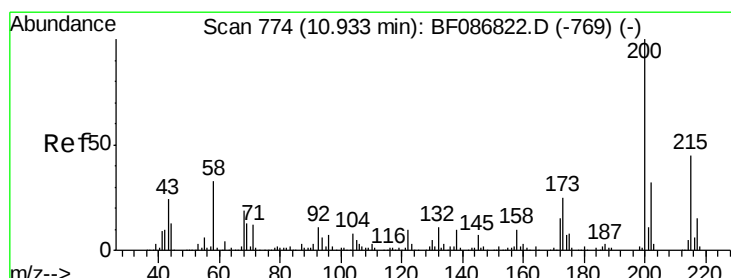
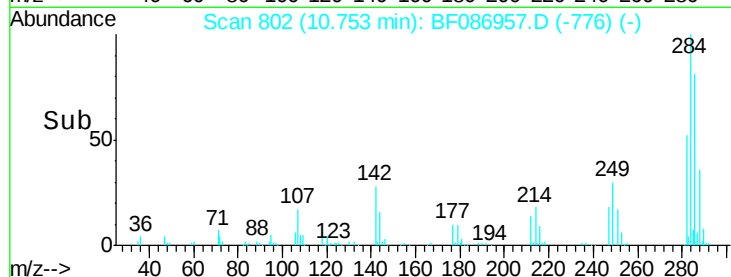
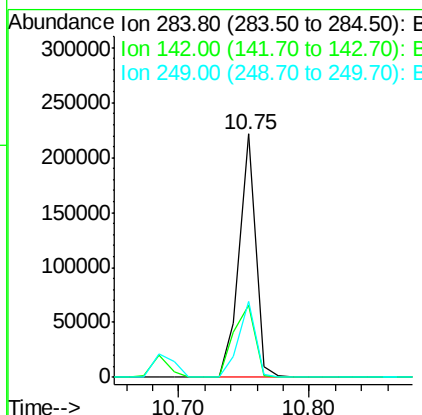
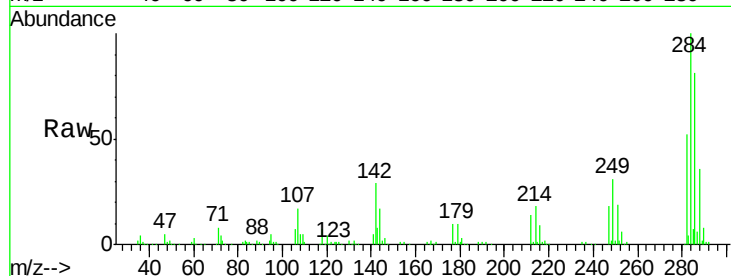
ClientSampleId :

SSTDCCC040

Tgt Ion:	284	Resp:	194436
Ion Ratio		Lower	Upper
284	100		
142	29.4	16.7	25.1#
249	31.0	21.3	31.9

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#68

Atrazine

Concen: 32.25 ng

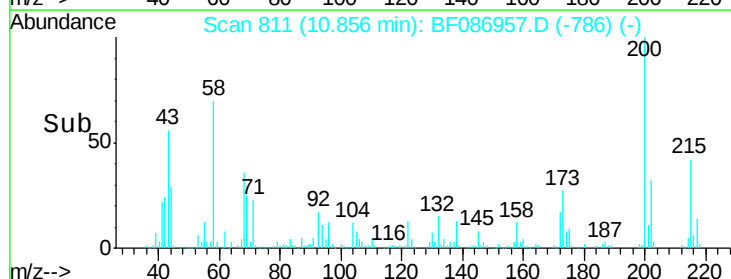
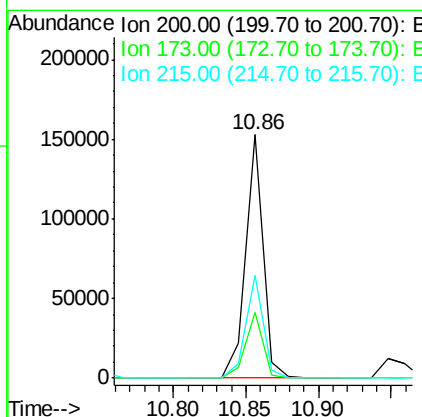
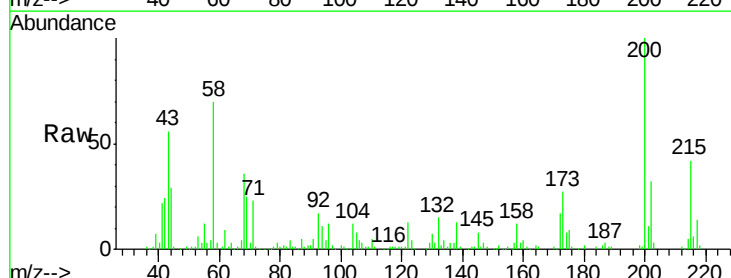
RT: 10.86 min Scan# 811

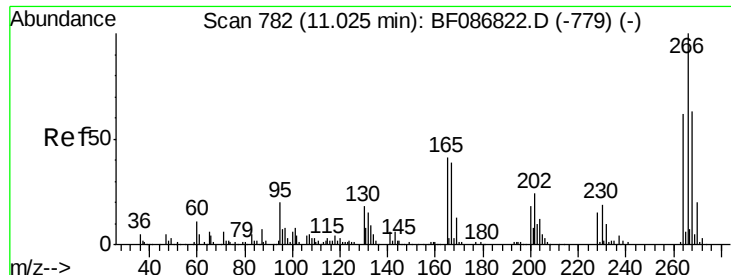
Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:	200	Resp:	128874
Ion Ratio		Lower	Upper
200	100		
173	27.1	8.5	48.5
215	42.3	27.2	67.2





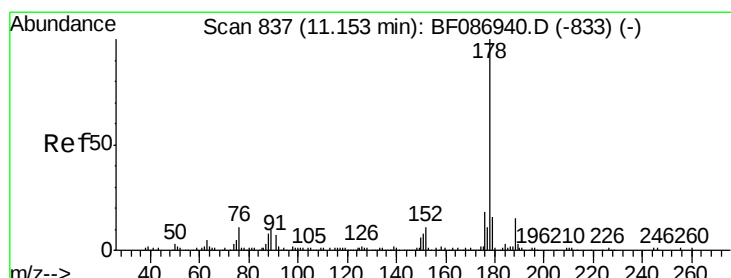
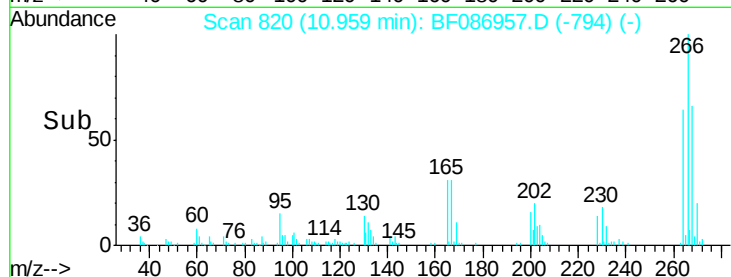
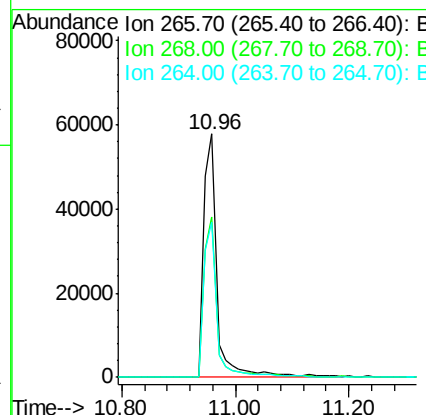
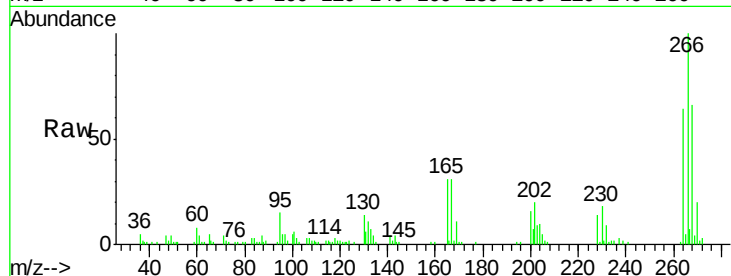
#69
 Pentachlorophenol
 Concen: 43.09 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	91867		
268	66.1	51.5	77.3	
264	63.7	52.9	79.3	

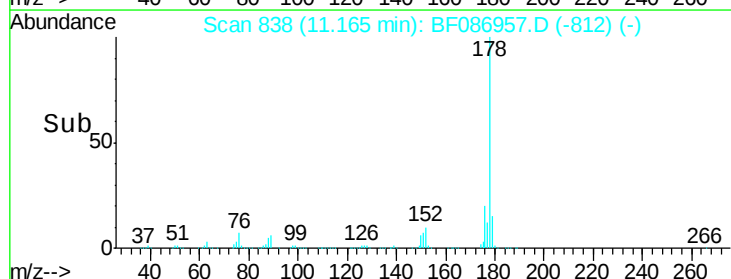
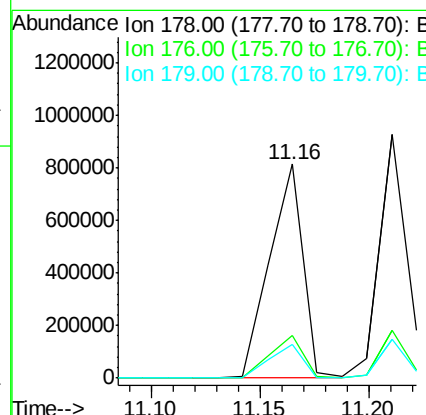
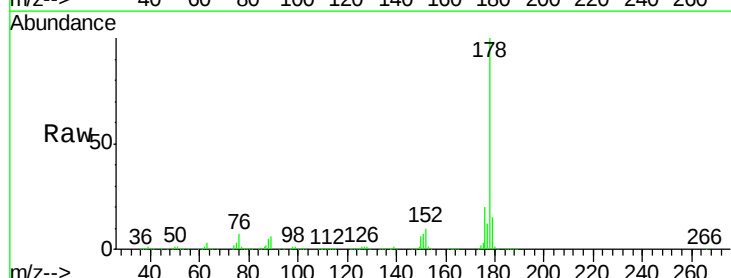
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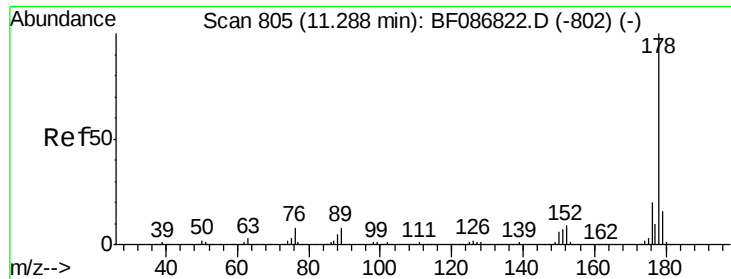
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#70
 Phenanthrene
 Concen: 42.20 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	876859		
176	20.2	16.0	24.0	
179	15.5	12.6	18.8	





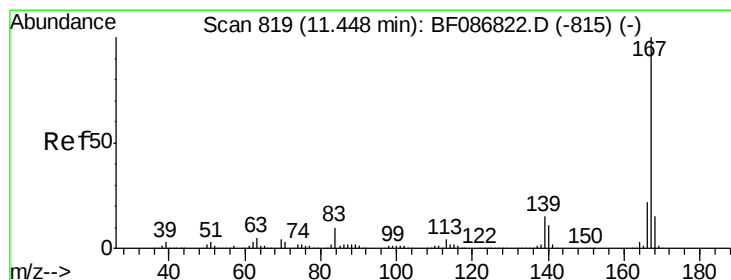
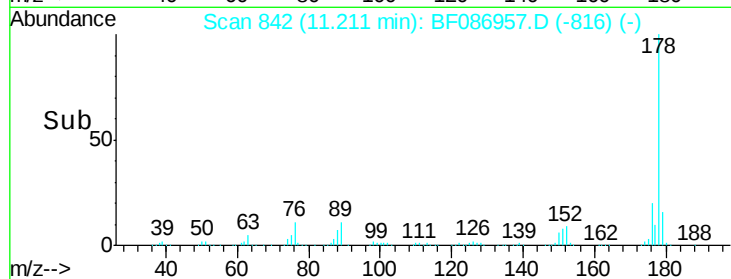
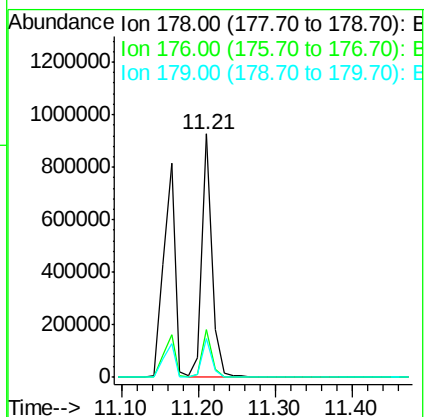
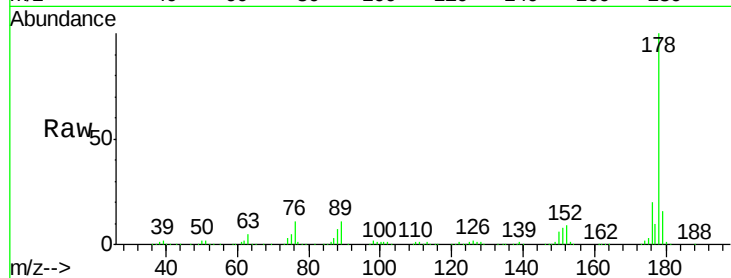
#71
 Anthracene
 Concen: 39.34 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.1	12.7	19.1

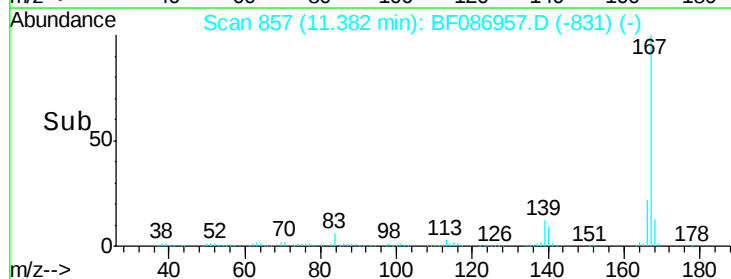
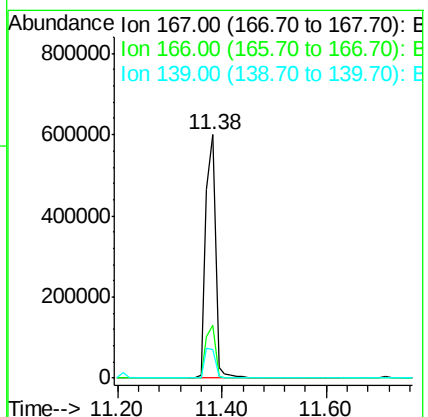
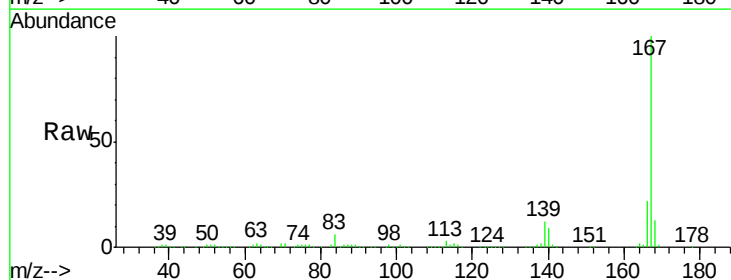
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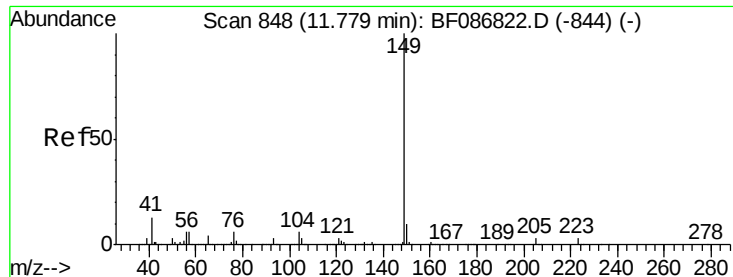
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#72
 Carbazole
 Concen: 42.65 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	11.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

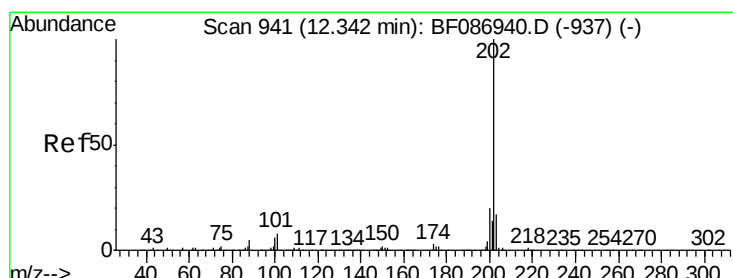
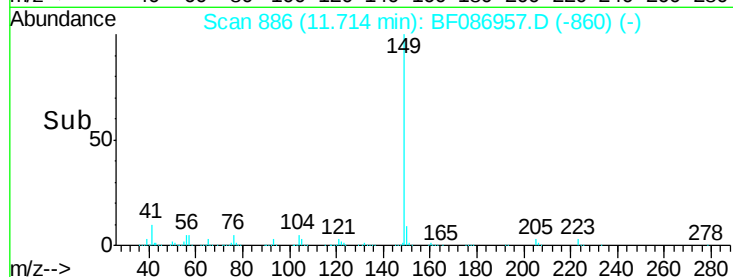
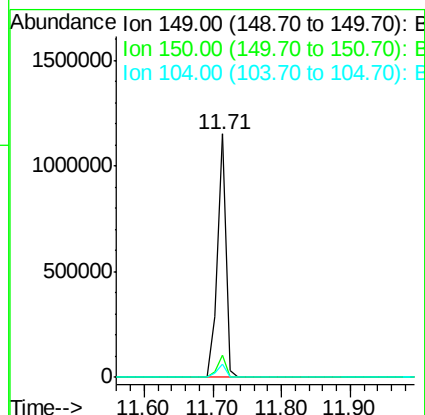
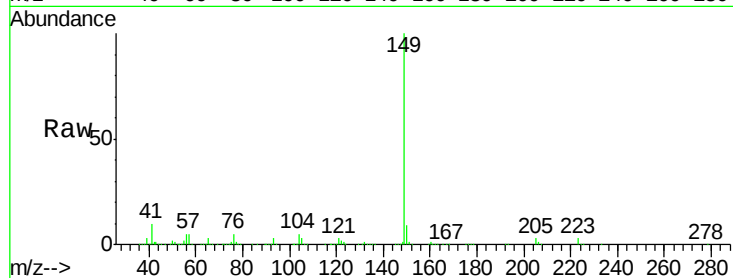
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1018421
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	5.3	3.8	5.6

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#74

Fluoranthene

Concen: 41.27 ng

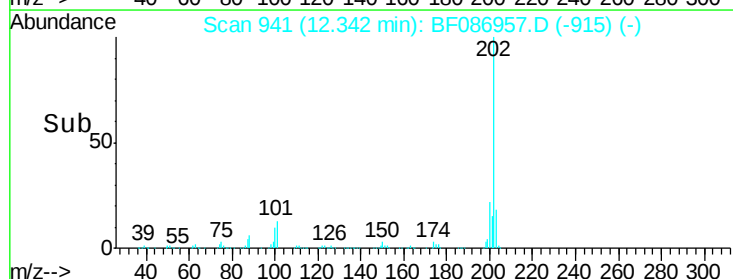
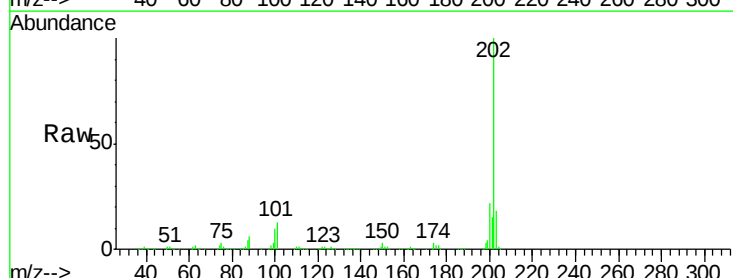
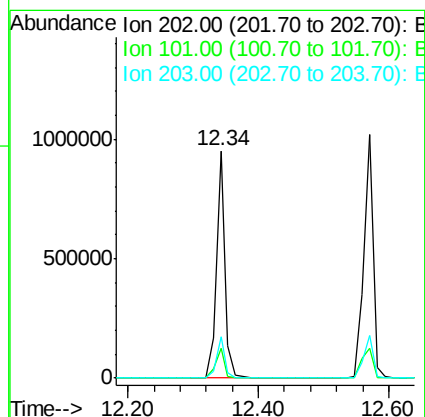
RT: 12.34 min Scan# 941

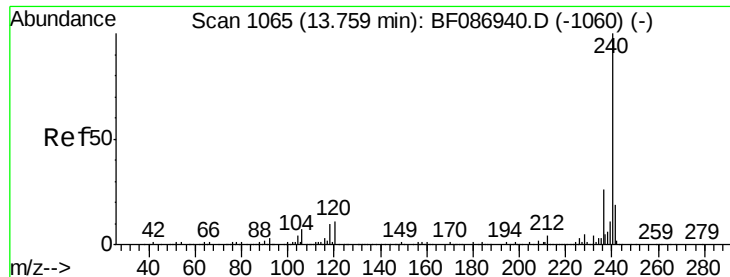
Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:	202	Resp:	881913
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

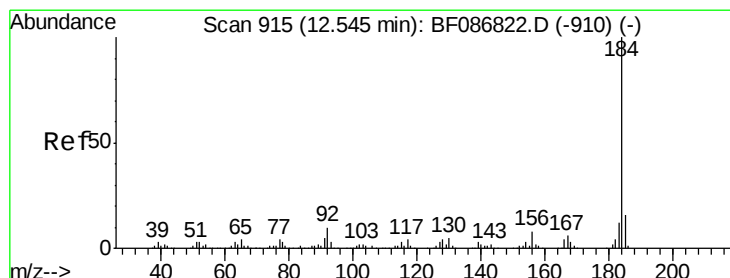
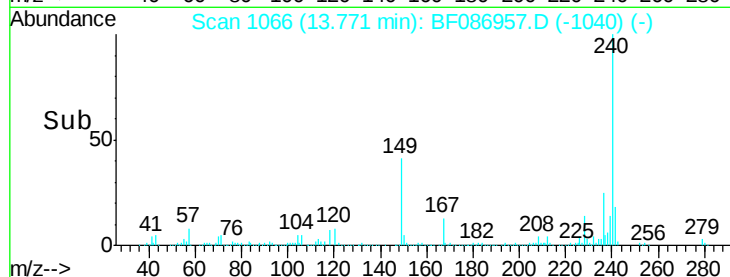
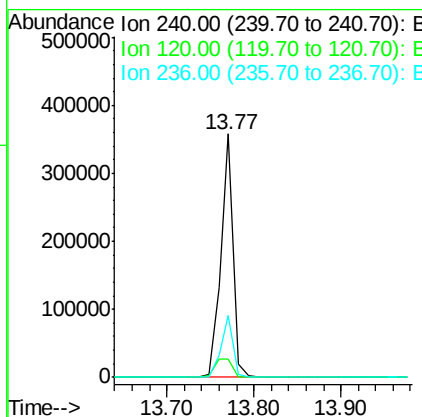
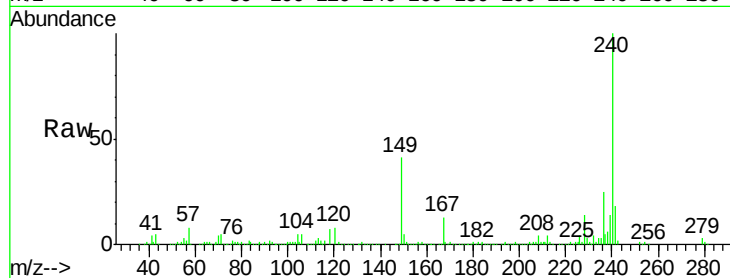
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	357390
Ion Ratio	Lower	Upper	
240	100		
120	7.6	11.2	16.8#
236	25.5	21.2	31.8

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#76

Benzidine

Concen: 52.88 ng

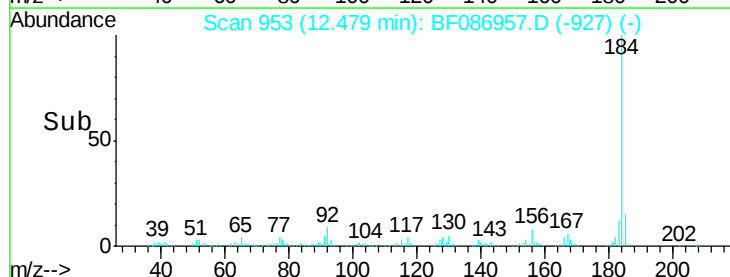
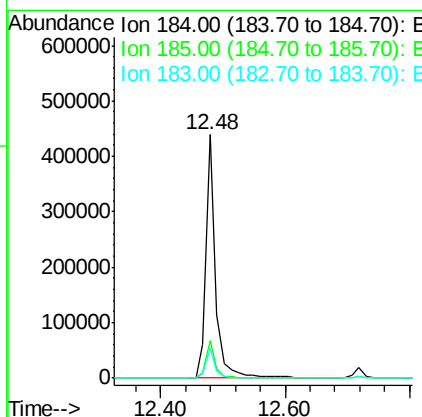
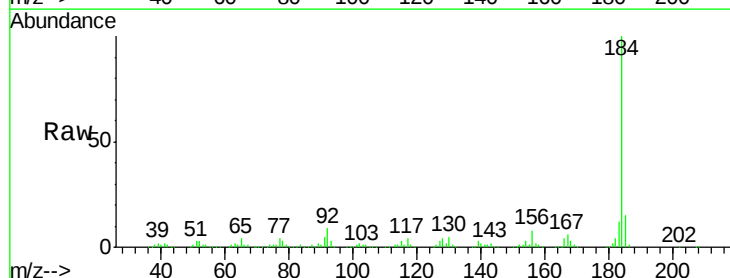
RT: 12.48 min Scan# 953

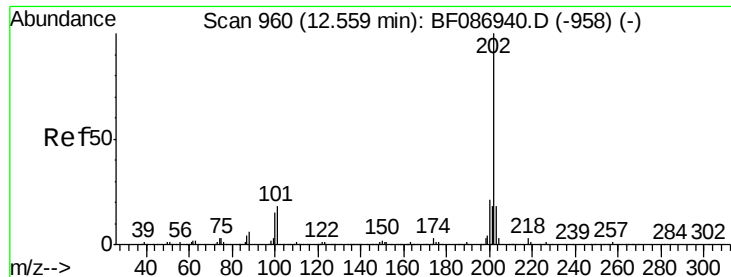
Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:	184	Resp:	481839
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.6	20.4
183	12.2	9.8	14.6





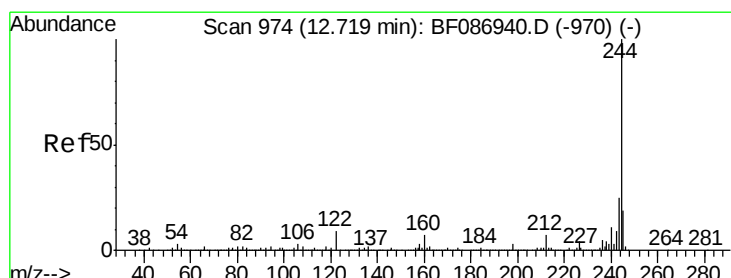
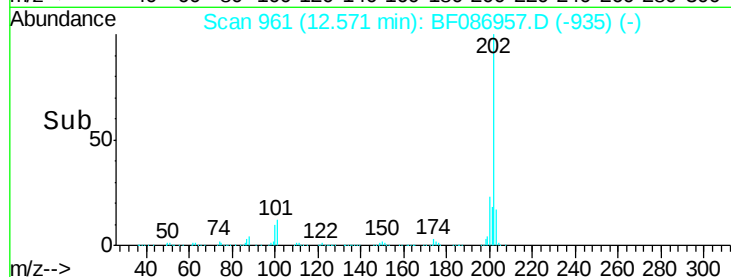
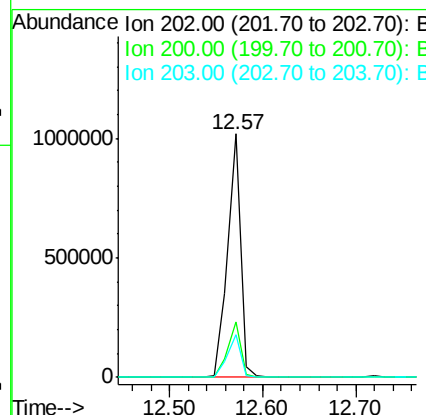
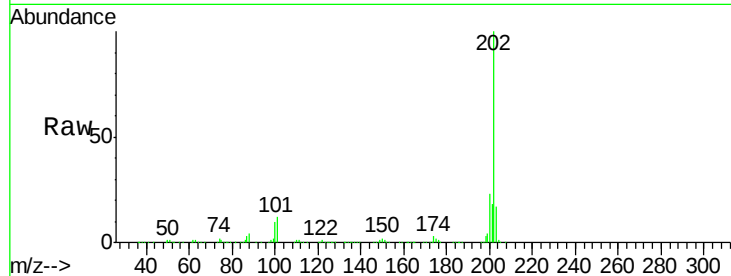
#77
 Pyrene
 Concen: 35.92 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.9	17.7	26.5
203	17.4	14.2	21.4

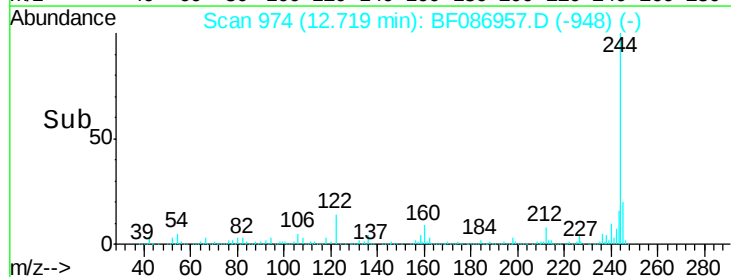
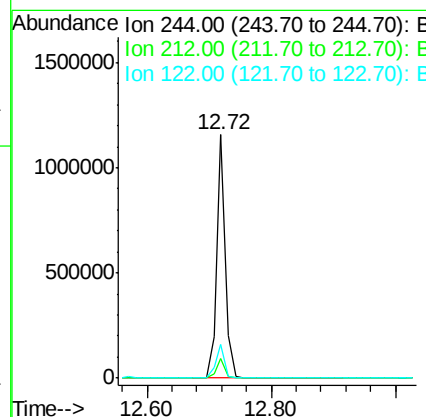
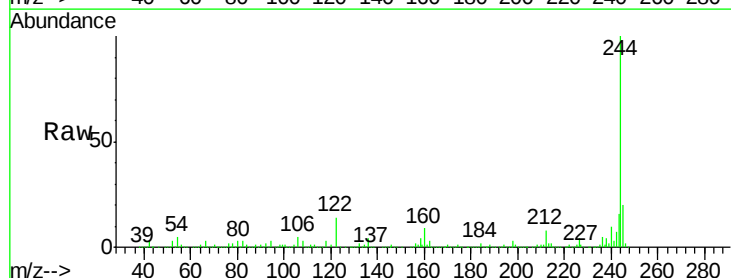
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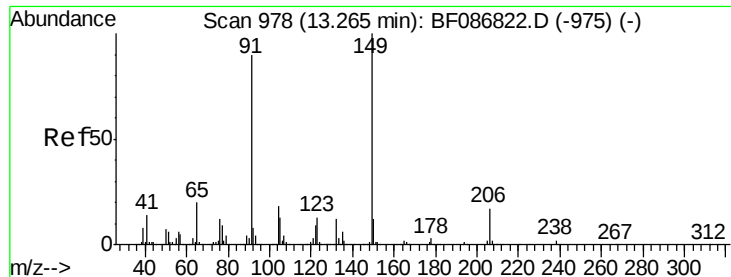
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#78
 Terphenyl-d14
 Concen: 64.52 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.6	12.0	18.0





#79

Butylbenzylphthalate

Concen: 38.27 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 442878
Ion Ratio Lower Upper

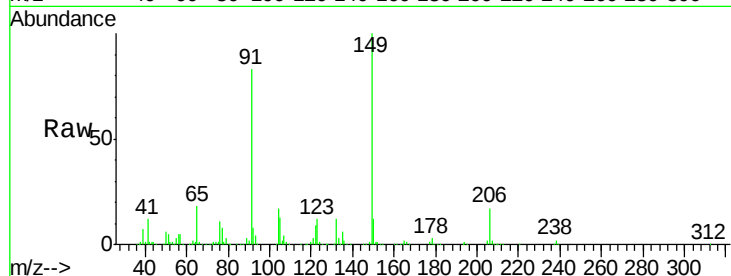
149 100

91 83.2 48.0 72.0#

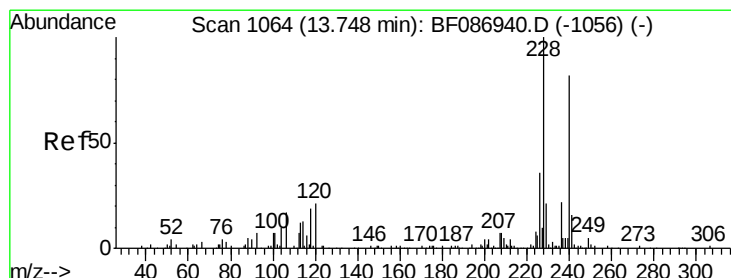
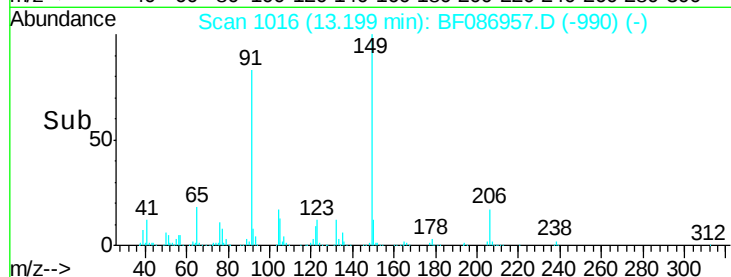
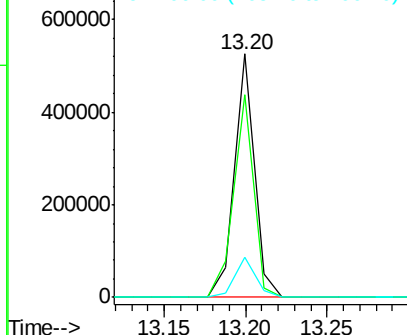
206 16.5 15.8 23.6

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



#80

Benzo(a)anthracene

Concen: 42.21 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086957.D

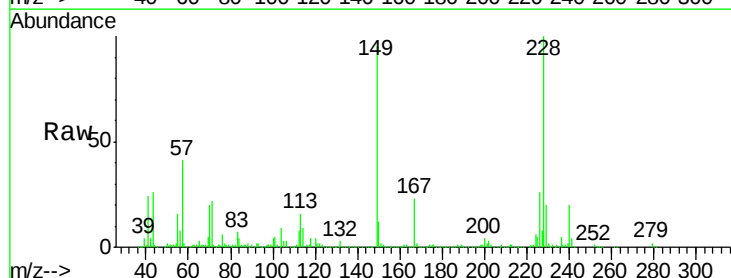
Acq: 13 May 2016 5:43

Tgt Ion:228 Resp: 846958
Ion Ratio Lower Upper

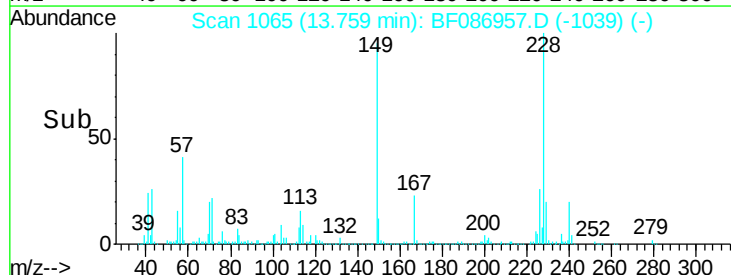
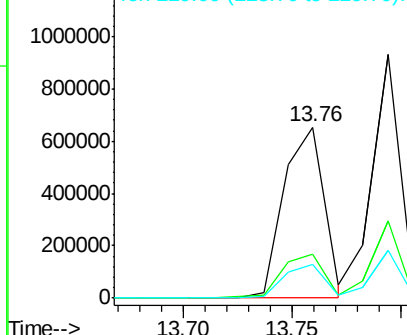
228 100

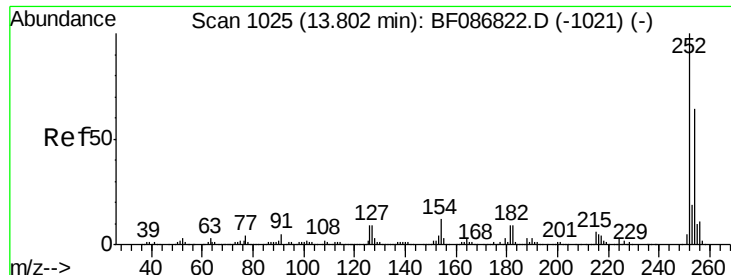
226 25.9 22.5 33.7

229 20.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





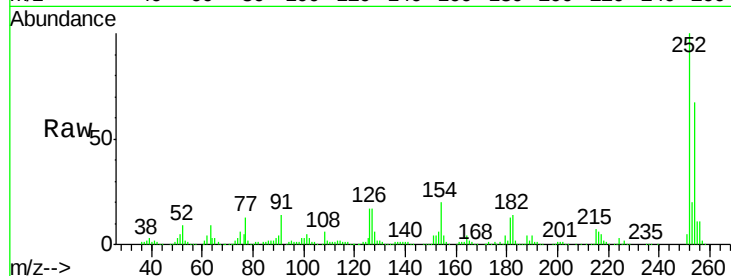
#81
 3,3'-Dichlorobenzidine
 Concen: 44.95 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

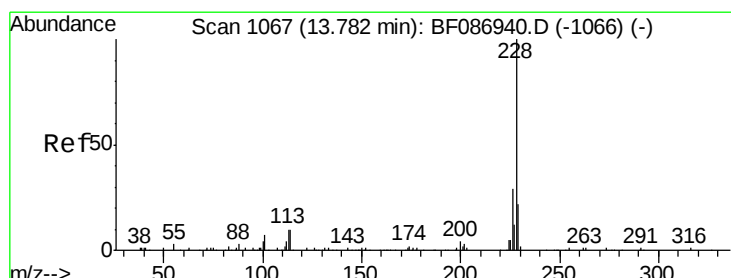
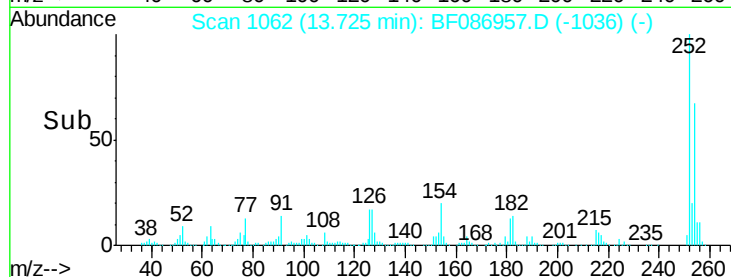
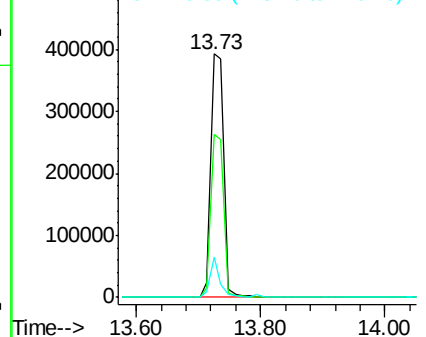
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	572935		
254	67.0	50.7	76.1	
126	16.5	12.7	19.1	

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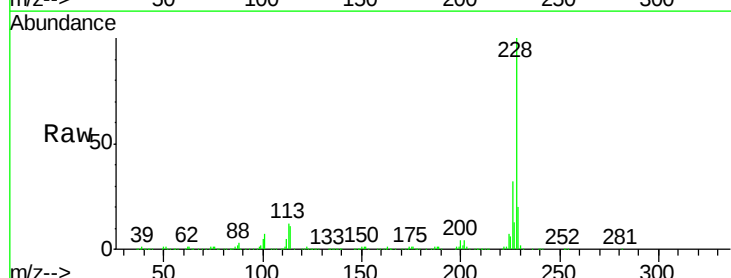


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

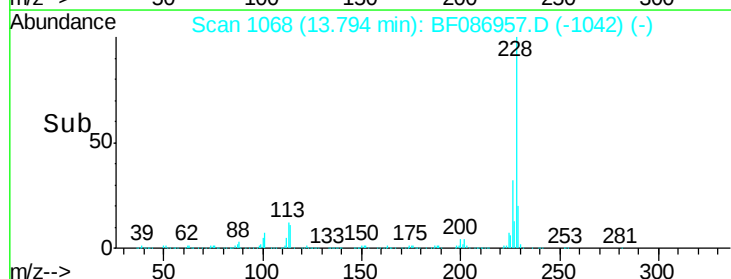
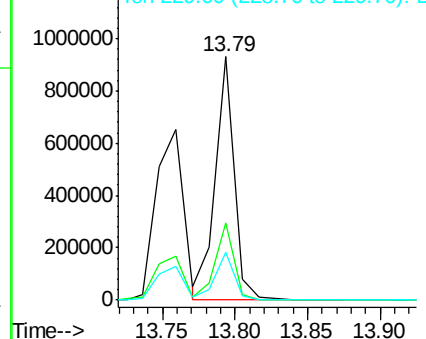


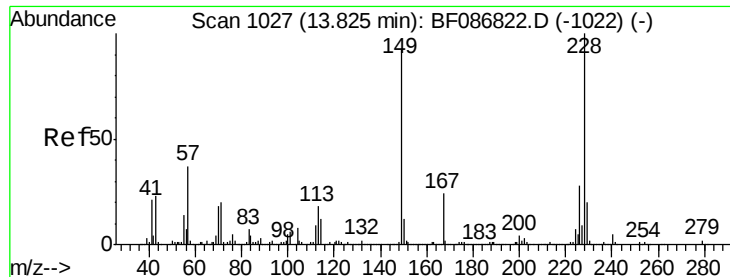
#82
 Chrysene
 Concen: 41.25 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	841899		
226	31.8	24.4	36.6	
229	19.7	15.8	23.8	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





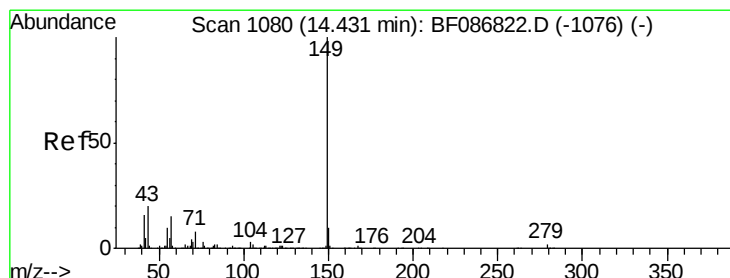
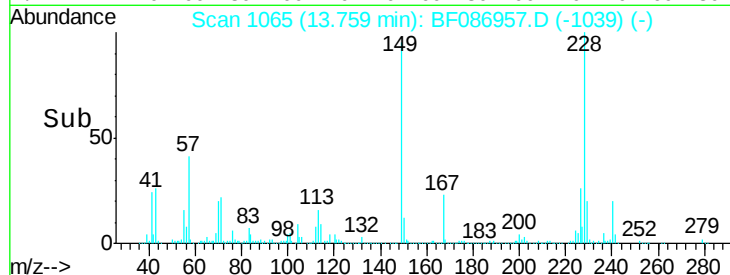
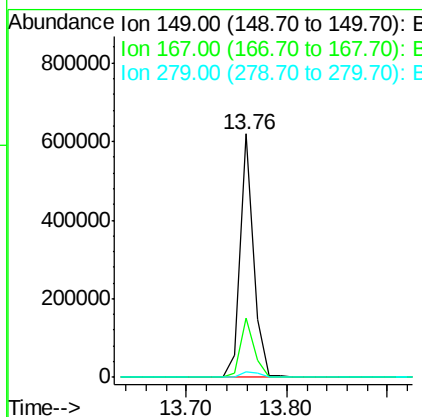
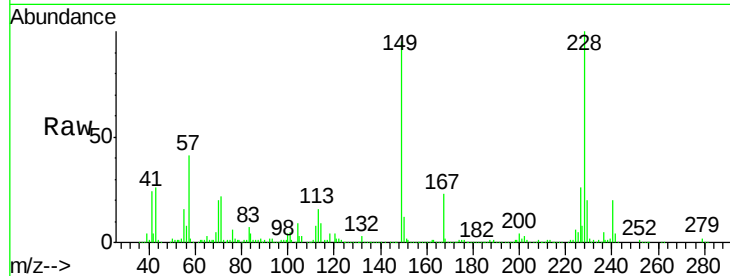
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.17 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	573175		
167	24.3	21.8	32.6	
279	2.4	2.6	4.0#	

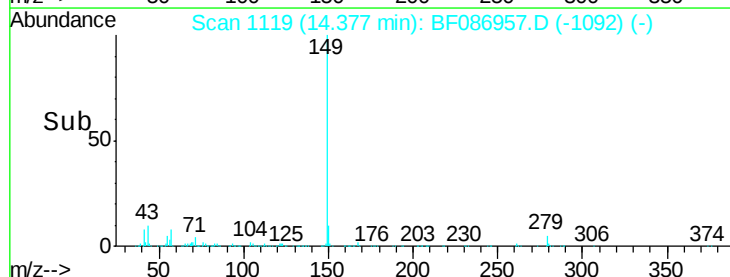
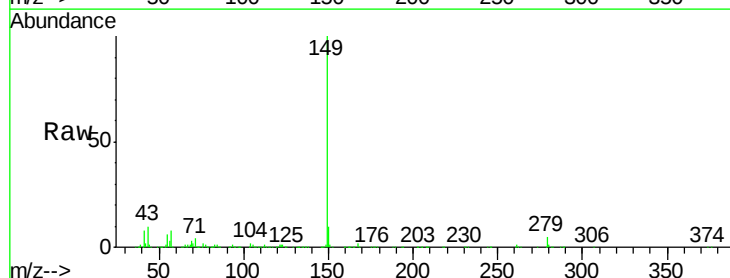
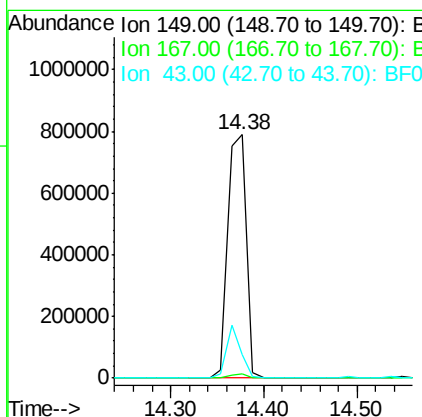
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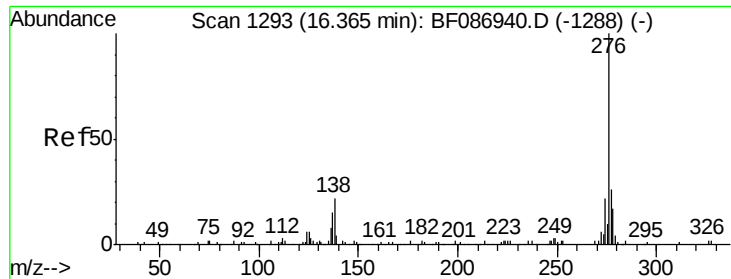
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#84
 Di-n-octyl phthalate
 Concen: 47.44 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1093913		
167	1.6	1.2	1.8	
43	16.9	8.2	12.4#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.19 ng

RT: 16.38 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

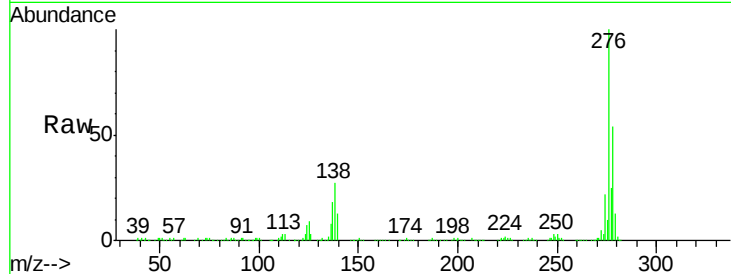
ClientSampleId :

SSTDCCC040

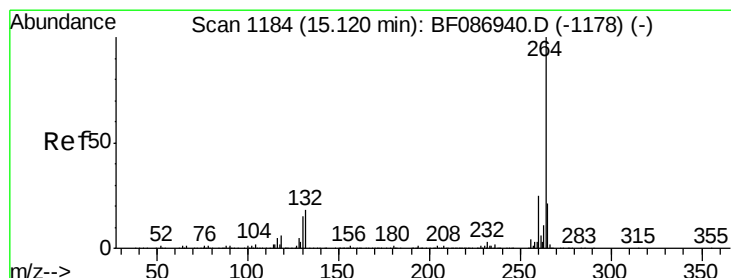
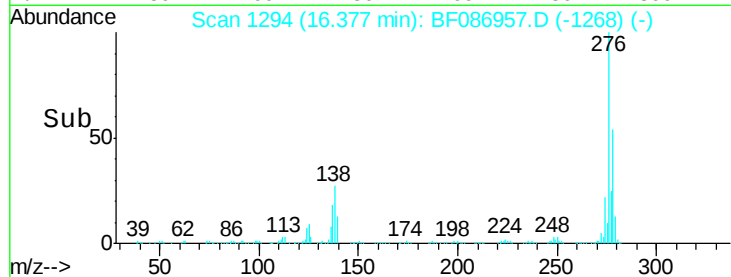
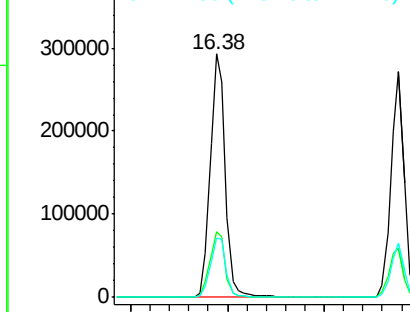
Tgt	Ion	Ratio	Lower	Upper
276	100			
138	27.1	25.6	38.4	
277	25.3	20.5	30.7	

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



#86

Perylene-d12

Concen: 20.00 ng

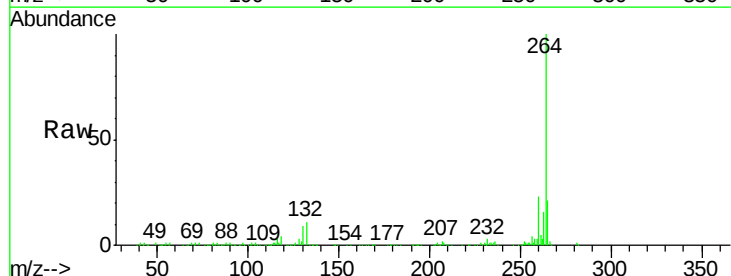
RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

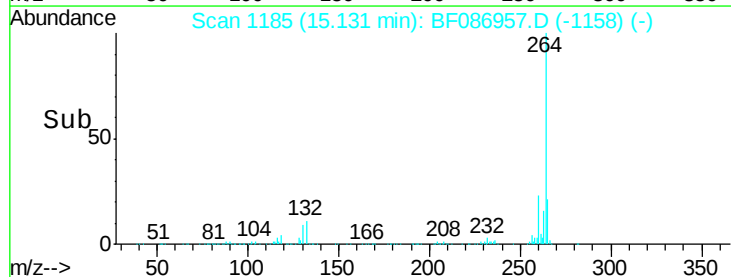
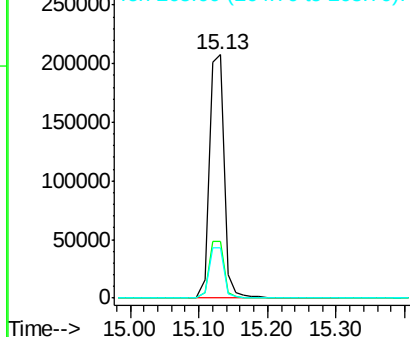
Lab File: BF086957.D

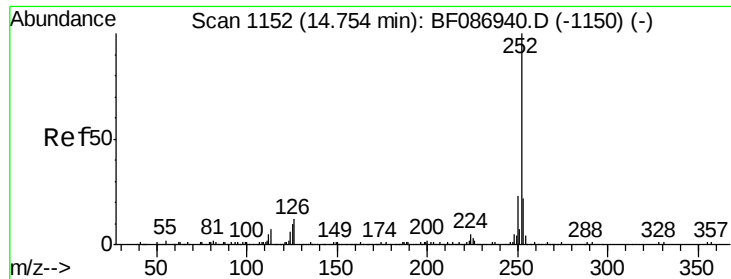
Acq: 13 May 2016 5:43

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	23.3	19.5	29.3	
265	20.8	17.3	25.9	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.61 ng m

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

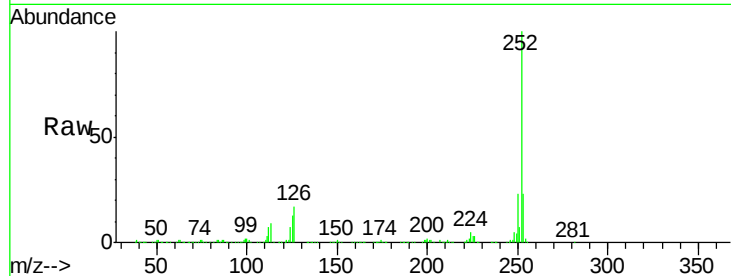
ClientSampleId :

SSTDCCC040

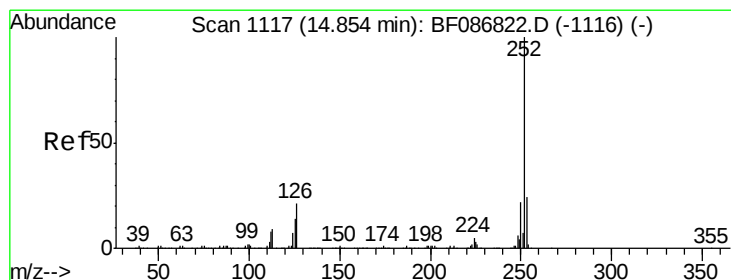
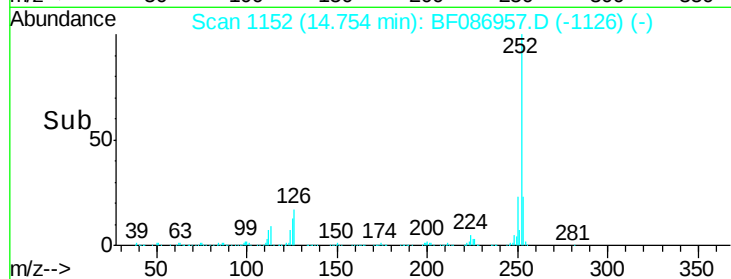
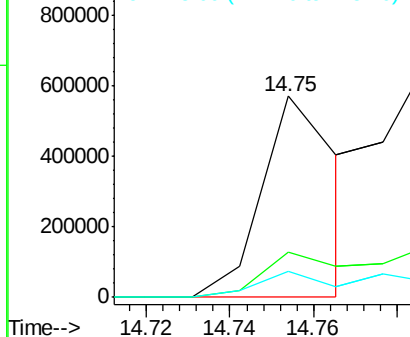
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.1	11.4	17.0

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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: 47.86 ng m

RT: 14.79 min Scan# 1155

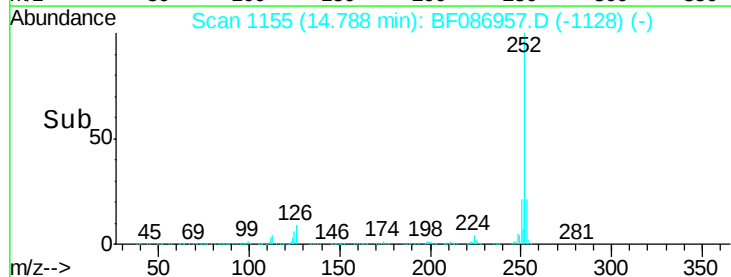
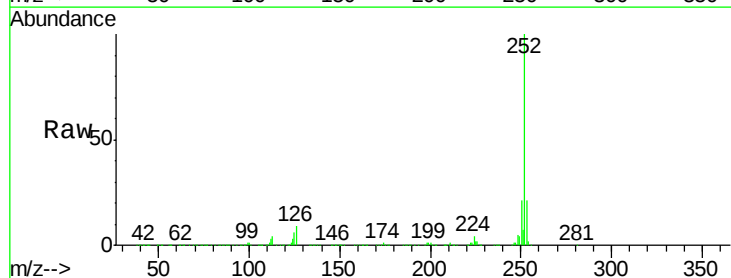
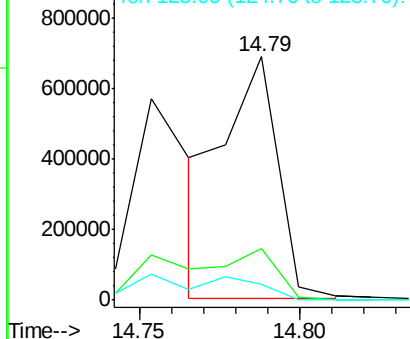
Delta R.T. 0.01 min

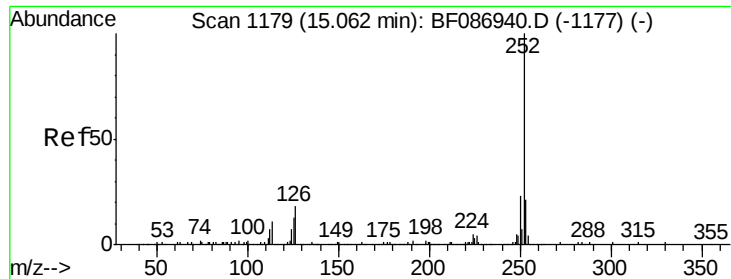
Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	6.3	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





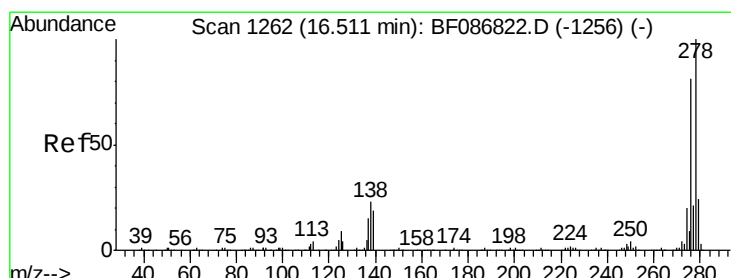
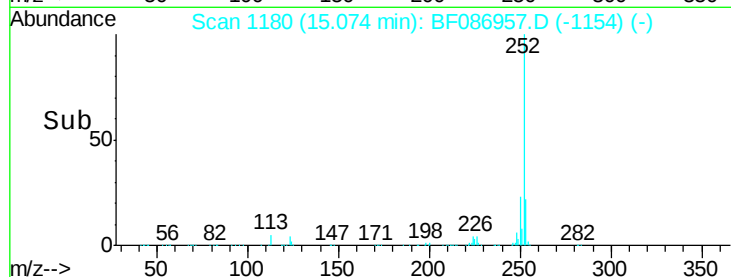
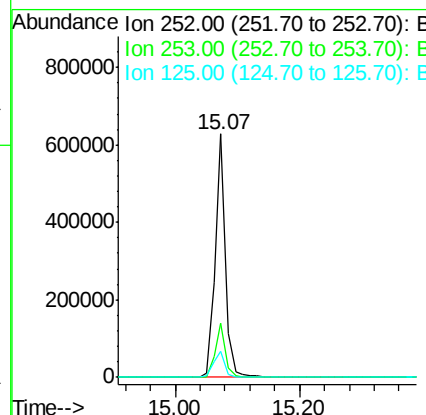
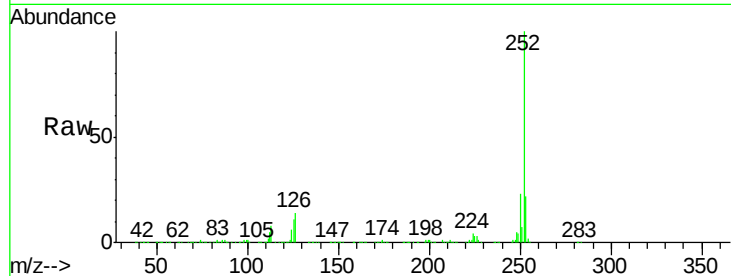
#89
Benzo(a)pyrene
Concen: 40.13 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	707866		
253	22.1	17.2	25.8	
125	10.8	9.0	13.6	

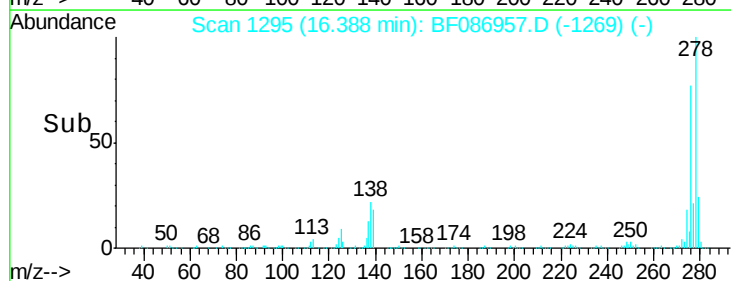
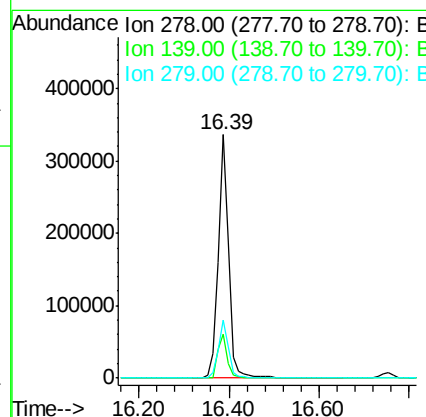
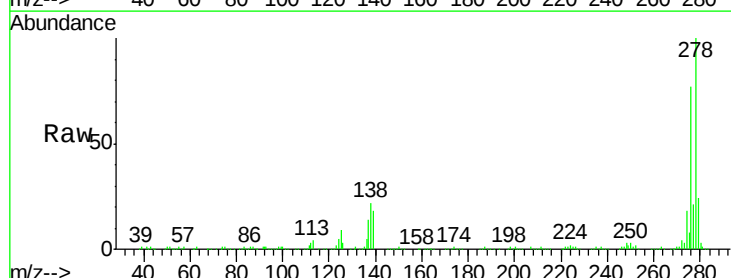
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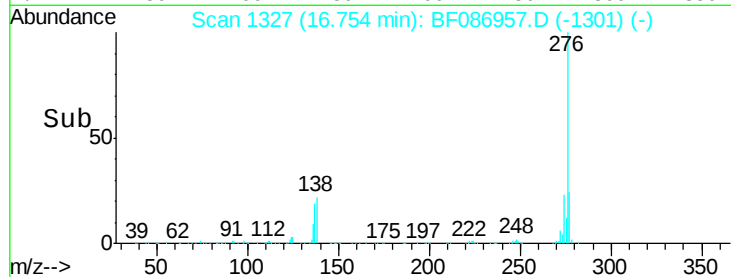
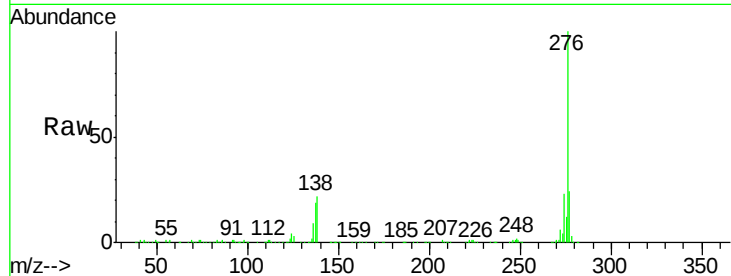
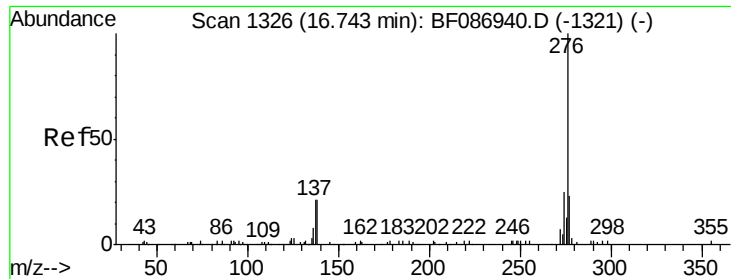
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#90
Dibenzo(a,h)anthracene
Concen: 36.43 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	541581		
139	18.0	16.6	24.8	
279	23.7	19.6	29.4	





#91
 Benzo(g,h,i)perylene
 Concen: 34.35 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.8	19.6	29.4		
138	22.0	23.6	35.4		

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:09:00 PM

