

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087206.D
 Acq On : 20 May 2016 2:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 5/20/2016 7:14:09 PM

Quant Time: May 20 04:02:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	134820	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	556474	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	258489	20.00	ng	0.01
63) Phenanthrene-d10	11.08	188	451138	20.00	ng	0.00
75) Chrysene-d12	13.71	240	276833	20.00	ng	0.00
86) Perylene-d12	15.06	264	281742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	652956	81.41	ng	0.00
7) Phenol-d6	6.24	99	788919	73.33	ng	0.00
23) Nitrobenzene-d5	7.15	82	898412	80.46	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	206752	72.38	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1177725	75.46	ng	0.00
78) Terphenyl-d14	12.66	244	1022141	83.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	153732	37.26	ng	# 72
3) Pyridine	2.60	79	367722	36.84	ng	# 67
4) n-Nitrosodimethylamine	2.57	42	282775	39.98	ng	# 50
6) Aniline	6.24	93	531067	38.86	ng	# 88
8) 2-Chlorophenol	6.35	128	382126	39.16	ng	# 81
9) Benzaldehyde	6.11	77	217556	36.89	ng	95
10) Phenol	6.25	94	539503	39.89	ng	73
11) bis(2-Chloroethyl)ether	6.32	93	396177	39.02	ng	92
12) 1,3-Dichlorobenzene	6.50	146	397223m	38.29	ng	
13) 1,4-Dichlorobenzene	6.58	146	403761m	38.04	ng	
14) 1,2-Dichlorobenzene	6.74	146	369758	39.79	ng	98
15) Benzyl Alcohol	6.73	79	315796	39.43	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	6.86	45	785847	37.65	ng	67
17) 2-Methylphenol	6.86	107	291015	36.31	ng	# 72
18) Hexachloroethane	7.07	117	150893	37.19	ng	99
19) n-Nitroso-di-n-propylamine	7.00	70	300151	36.70	ng	# 70
20) 3+4-Methylphenols	7.02	107	420949	39.82	ng	# 62
22) Acetophenone	6.99	105	545571	40.06	ng	# 95
24) Nitrobenzene	7.16	77	428004	35.11	ng	94
25) Isophorone	7.40	82	763211	37.34	ng	97
26) 2-Nitrophenol	7.48	139	197664	39.14	ng	# 79
27) 2,4-Dimethylphenol	7.54	122	344495	39.97	ng	89
28) bis(2-Chloroethoxy)methane	7.62	93	416139	37.09	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	305021	40.16	ng	98
30) 1,2,4-Trichlorobenzene	7.80	180	343164	40.72	ng	98
31) Naphthalene	7.88	128	1081738	39.78	ng	100
32) Benzoic acid	7.70	122	142327	27.71	ng	# 74
33) 4-Chloroaniline	7.94	127	420135	37.18	ng	# 88
34) Hexachlorobutadiene	8.00	225	199586	41.73	ng	98
35) Caprolactam	8.33	113	98666	39.02	ng	# 50
36) 4-Chloro-3-methylphenol	8.44	107	337431	36.83	ng	# 86
37) 2-Methylnaphthalene	8.57	142	681313	39.17	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	305728	40.49	ng	98
40) Hexachlorocyclopentadiene	8.72	237	38817	19.86	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	190879	38.99	ng	91
43) 2,4,5-Trichlorophenol	8.91	196	191922	37.73	ng	95
45) 1,1'-Biphenyl	9.04	154	936457	43.69	ng	99
46) 2-Chloronaphthalene	9.06	162	670745	40.76	ng	99
47) 2-Nitroaniline	9.16	65	237985	37.74	ng	# 66
48) Acenaphthylene	9.46	152	951657	37.88	ng	98
49) Dimethylphthalate	9.35	163	767296	38.91	ng	100
50) 2,6-Dinitrotoluene	9.42	165	181637	42.42	ng	94
51) Acenaphthene	9.63	154	593909	37.84	ng	98
52) 3-Nitroaniline	9.59	138	196435	42.38	ng	99
53) 2,4-Dinitrophenol	9.71	184	38903	19.66	ng	87
54) Dibenzofuran	9.80	168	775417	38.20	ng	# 90
55) 4-Nitrophenol	9.78	139	65786m	32.66	ng	
56) 2,4-Dinitrotoluene	9.82	165	195026	35.57	ng	# 70
57) Fluorene	10.15	166	589669	36.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	147885	37.33	ng	98
59) Diethylphthalate	10.04	149	803835	42.70	ng	98
60) 4-Chlorophenyl-phenylether	10.15	204	313579	40.56	ng	93
61) 4-Nitroaniline	10.20	138	175104	38.26	ng	88
62) Azobenzene	10.31	77	863262	39.80	ng	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	75055	25.26	ng	# 42
65) n-Nitrosodiphenylamine	10.27	169	609531	42.93	ng	100
66) 4-Bromophenyl-phenylether	10.63	248	183346	39.52	ng	# 85
67) Hexachlorobenzene	10.70	284	212275	39.47	ng	# 80
68) Atrazine	10.81	200	180572	38.99	ng	95
69) Pentachlorophenol	10.90	266	74834	37.04	ng	96
70) Phenanthrene	11.11	178	962784	39.35	ng	100
71) Anthracene	11.15	178	917330	37.07	ng	100
72) Carbazole	11.32	167	869715	38.47	ng	100
73) Di-n-butylphthalate	11.66	149	1122654	43.23	ng	# 99
74) Fluoranthene	12.28	202	856172	34.92	ng	97
76) Benzidine	12.42	184	378767	57.39	ng	98
77) Pyrene	12.51	202	889693	44.49	ng	100
79) Butylbenzylphthalate	13.14	149	409318	48.48	ng	# 81
80) Benzo(a)anthracene	13.70	228	632670	39.53	ng	98
81) 3,3'-Dichlorobenzidine	13.67	252	469088	46.06	ng	99
82) Chrysene	13.74	228	667812	43.12	ng	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	487093	47.41	ng	97
84) Di-n-octyl phthalate	14.31	149	757507	42.80	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.30	276	660297	48.57	ng	94
87) Benzo(b)fluoranthene	14.70	252	597221m	31.95	ng	
88) Benzo(k)fluoranthene	14.72	252	600242m	43.14	ng	
89) Benzo(a)pyrene	15.01	252	584859	37.43	ng	98
90) Dibenzo(a,h)anthracene	16.30	278	554683	42.17	ng	# 95
91) Benzo(g,h,i)perylene	16.66	276	552585	41.59	ng	# 89

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

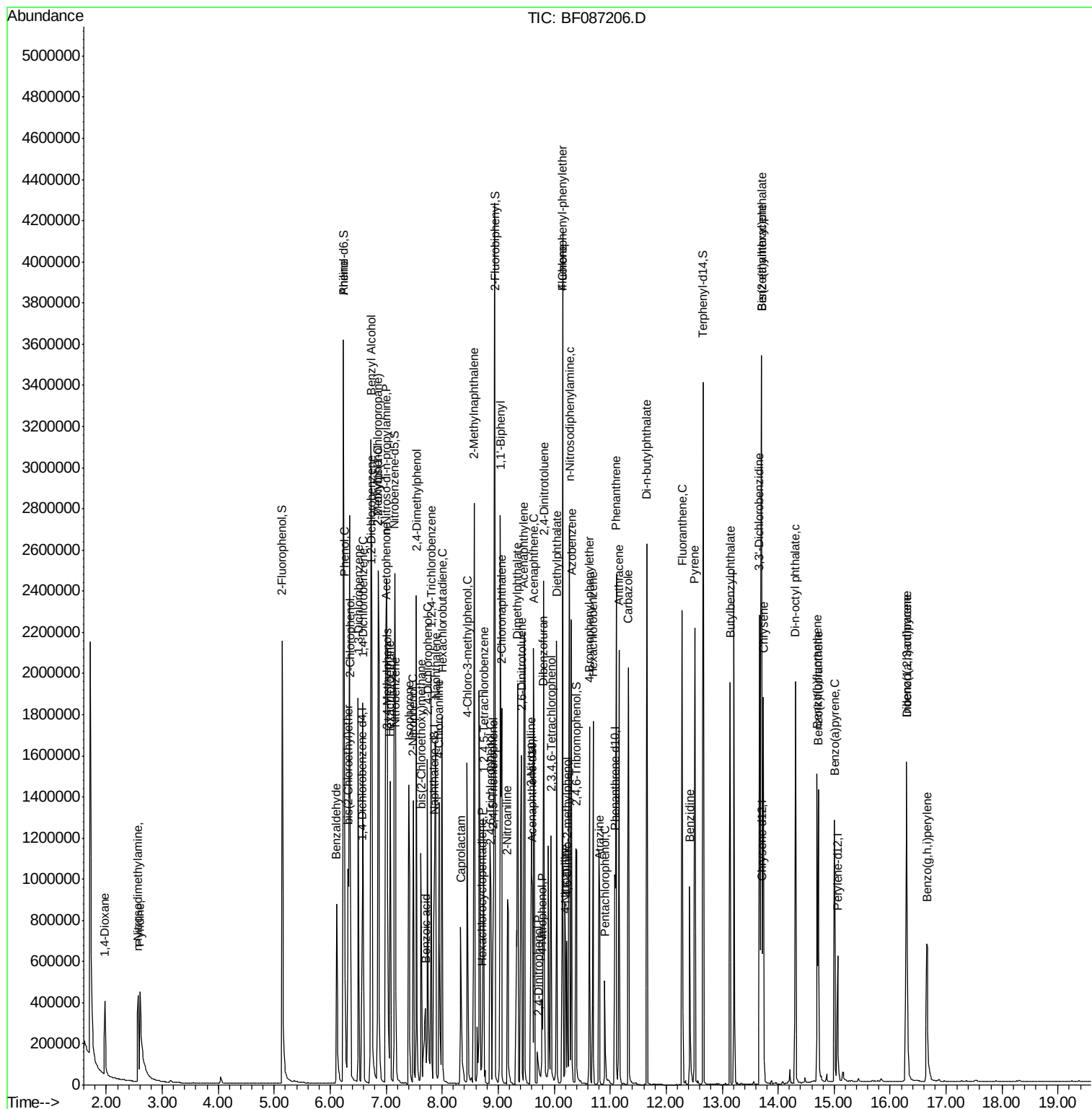
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\  
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Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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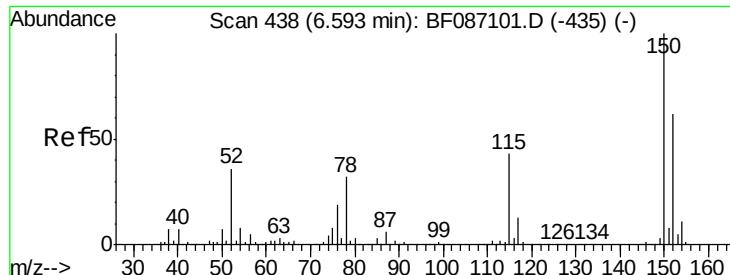
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

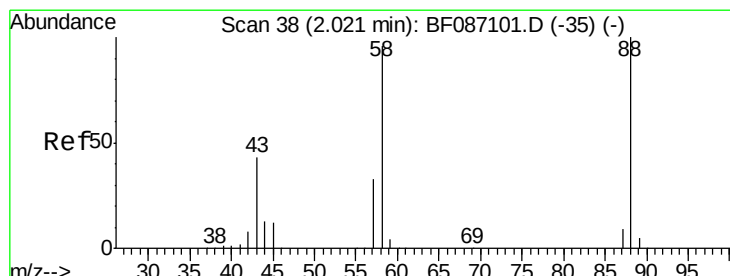
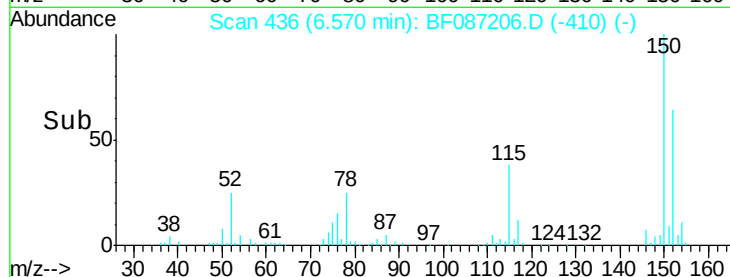
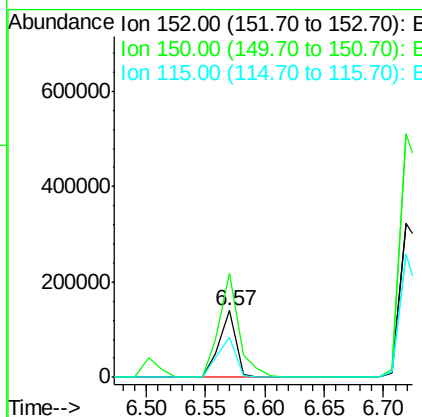
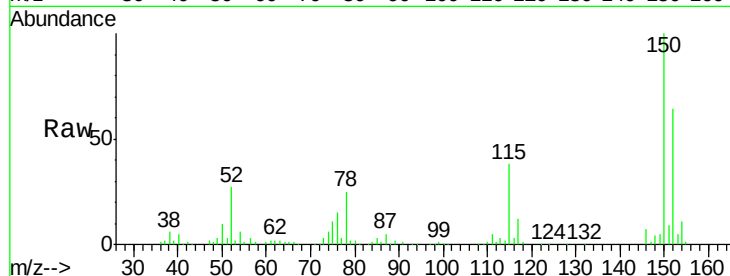
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	134820
Ion Ratio	Lower	Upper	
152	100		
150	156.1	125.8	188.6
115	59.6	51.5	77.3

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#2

1,4-Dioxane

Concen: 37.26 ng

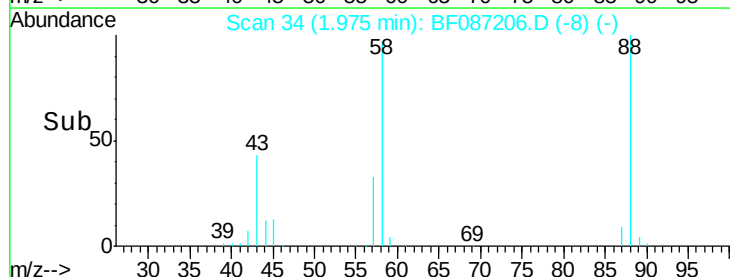
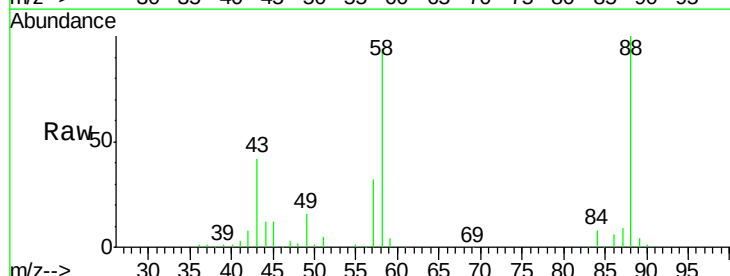
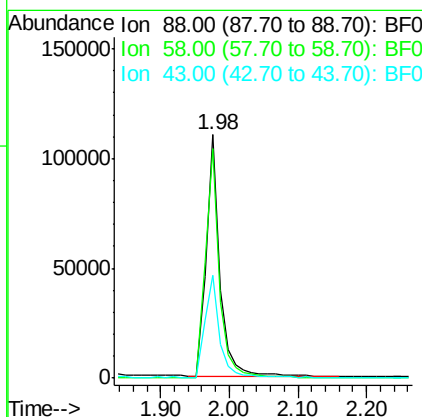
RT: 1.98 min Scan# 34

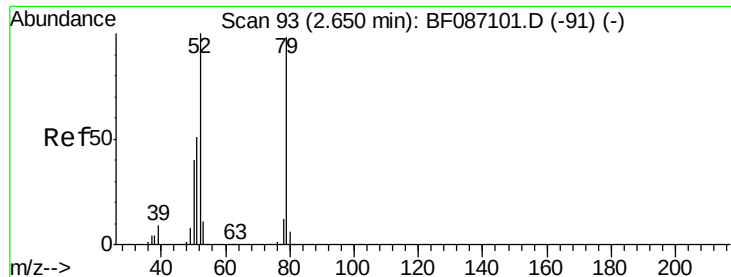
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	88	Resp:	153732
Ion Ratio	Lower	Upper	
88	100		
58	97.0	59.6	89.4#
43	44.3	21.8	32.6#





#3

Pyridine

Concen: 36.84 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

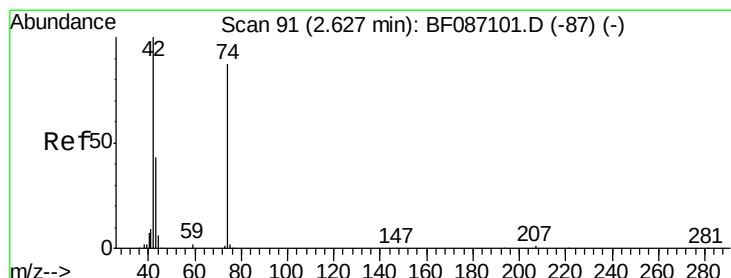
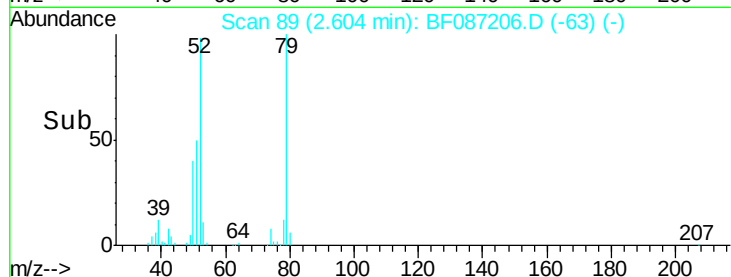
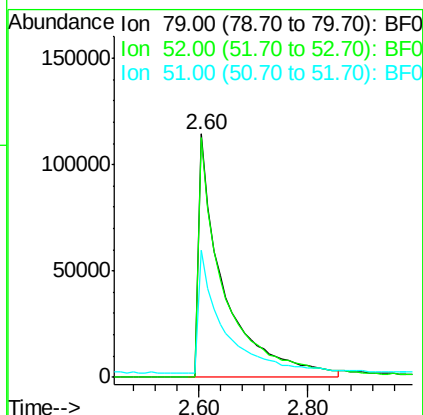
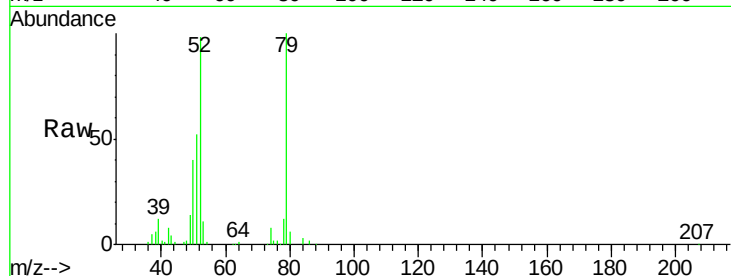
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	367722
Ion Ratio	Lower	Upper	
79	100		
52	98.4	55.9	83.9#
51	52.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 39.98 ng

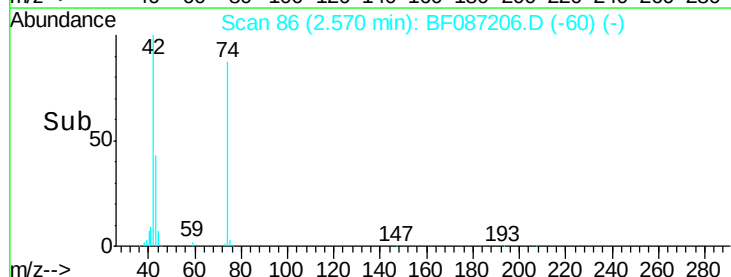
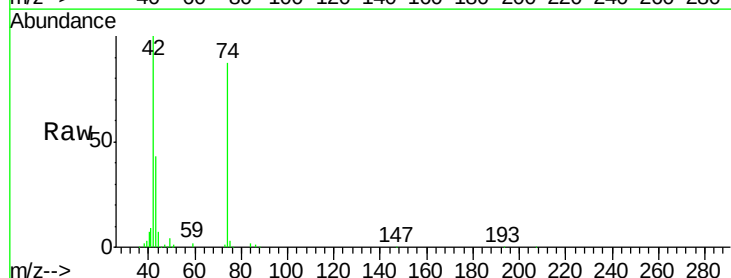
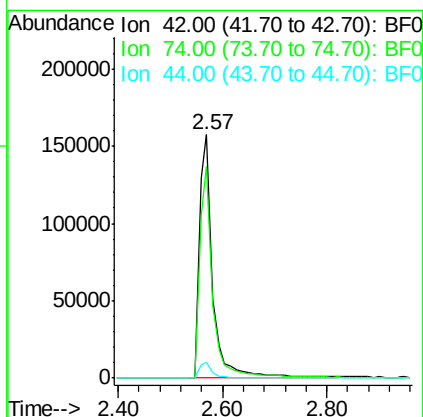
RT: 2.57 min Scan# 86

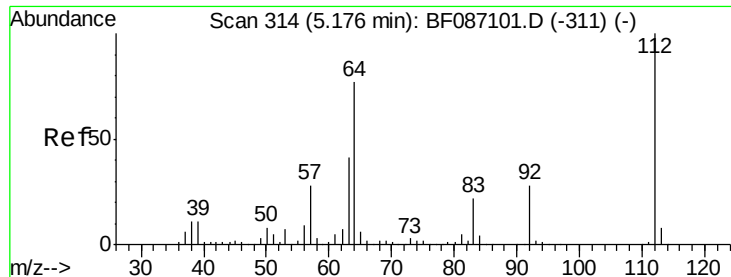
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	42	Resp:	282775
Ion Ratio	Lower	Upper	
42	100		
74	87.2	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 81.41 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF087206.D

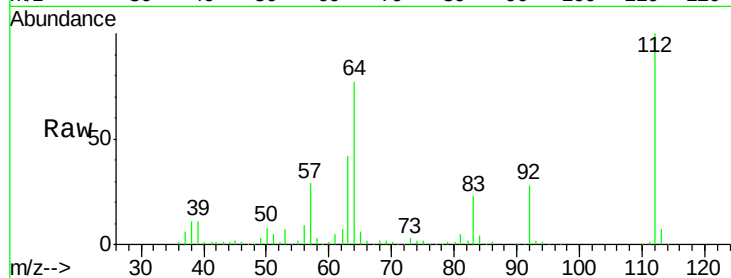
Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 112 Resp: 652956

Ion Ratio Lower Upper

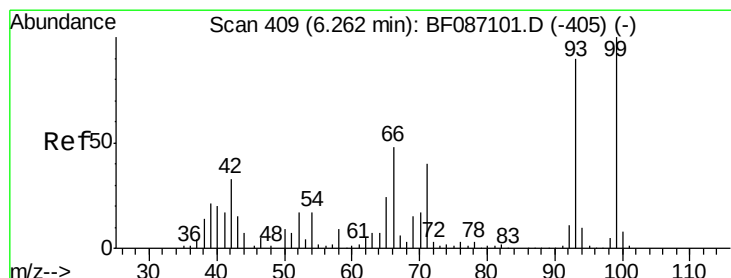
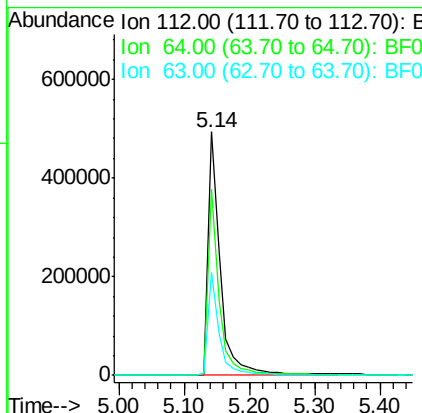
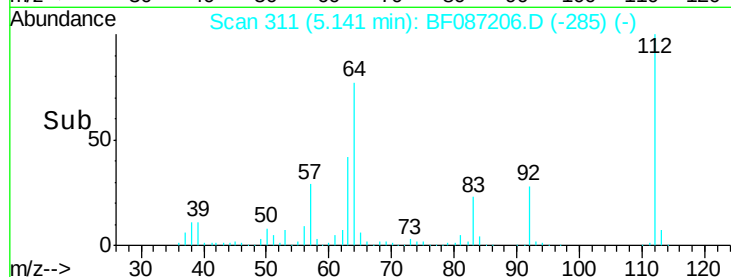
112 100

64 76.6 52.1 78.1

63 42.0 25.7 38.5#

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#6

Aniline

Concen: 38.86 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

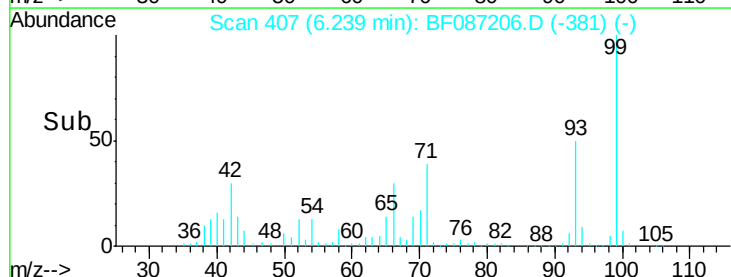
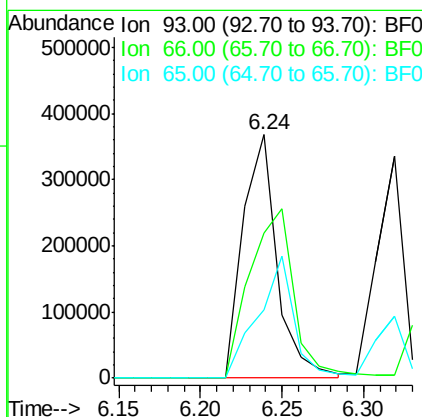
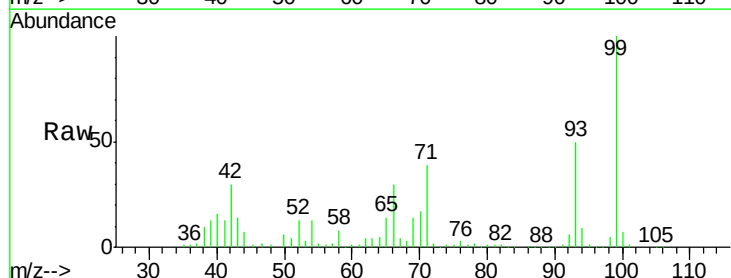
Tgt Ion: 93 Resp: 531067

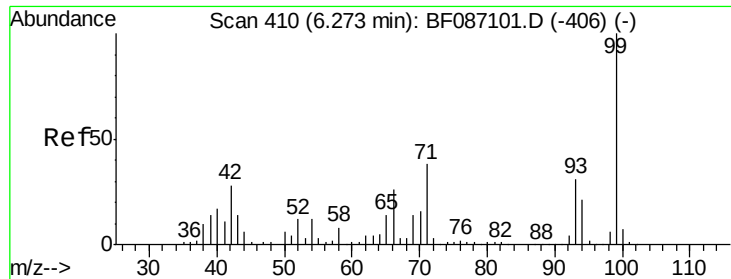
Ion Ratio Lower Upper

93 100

66 59.5 39.0 58.6#

65 28.0 20.6 31.0





#7

Phenol-d6

Concen: 73.33 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

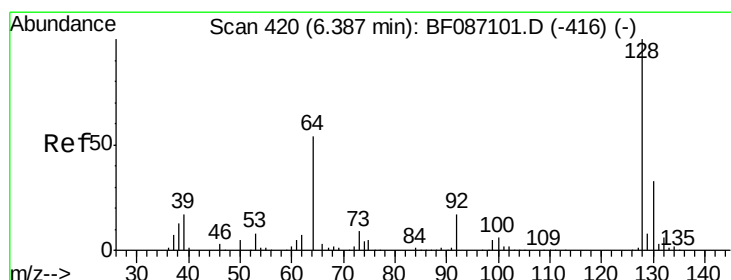
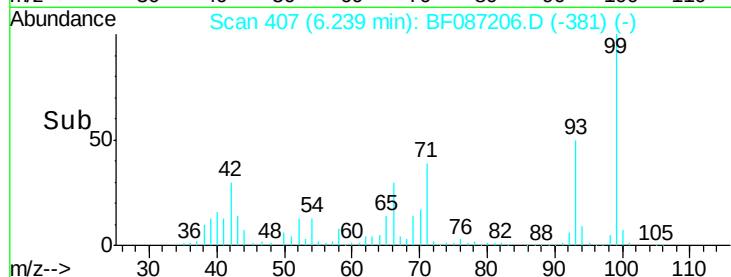
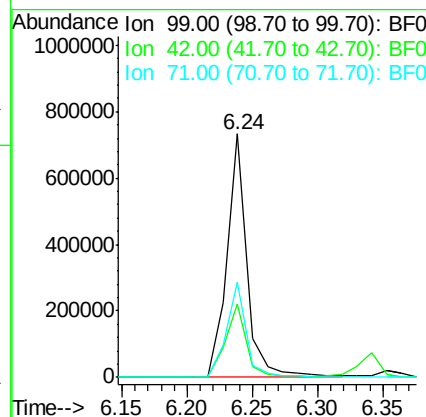
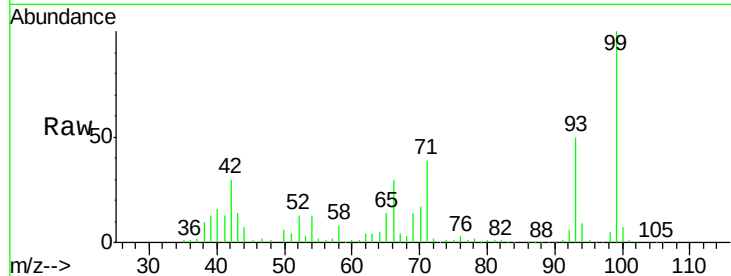
ClientSampled :

SSTDCCC040

Tgt Ion:	99	Resp:	788919
Ion Ratio	Lower	Upper	
99	100		
42	30.1	13.6	20.4#
71	39.1	24.6	36.8#

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#8

2-Chlorophenol

Concen: 39.16 ng

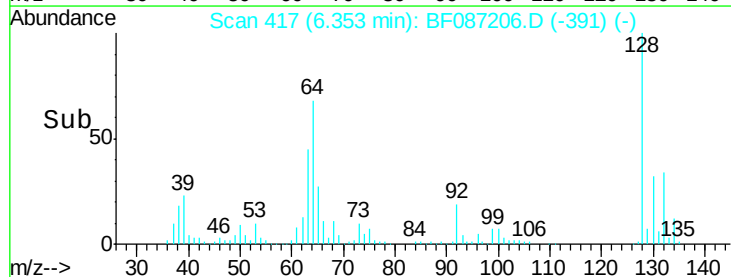
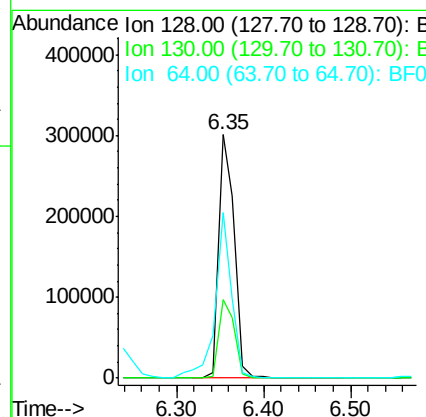
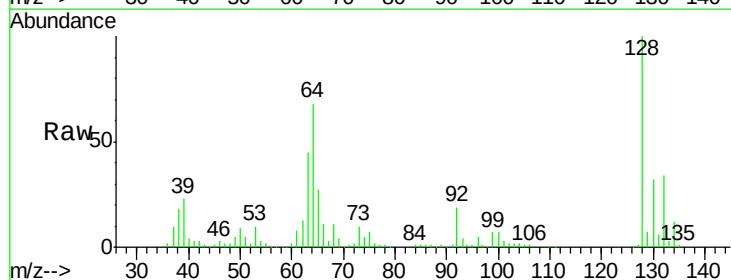
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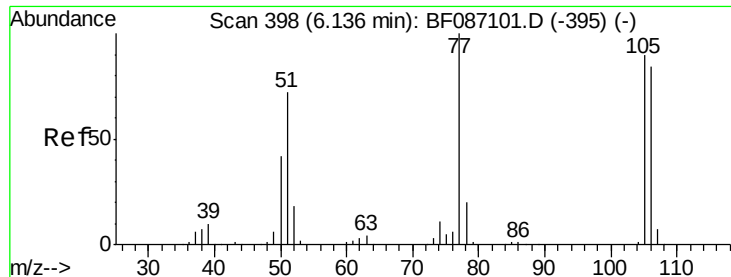
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	128	Resp:	382126
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.5	52.5
64	68.1	27.3	67.3#





#9

Benzaldehyde

Concen: 36.89 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF087206.D

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Instrument :

BNA_F

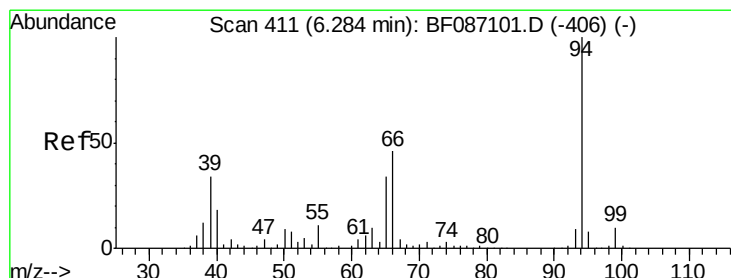
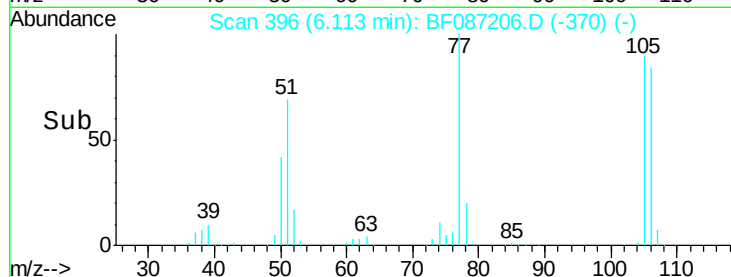
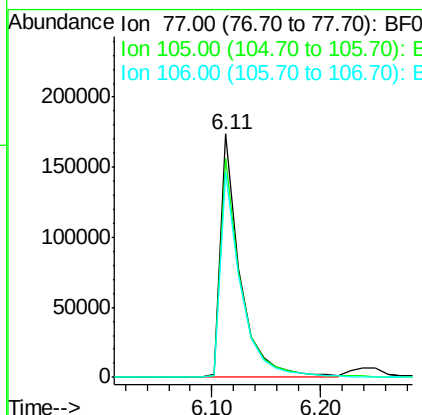
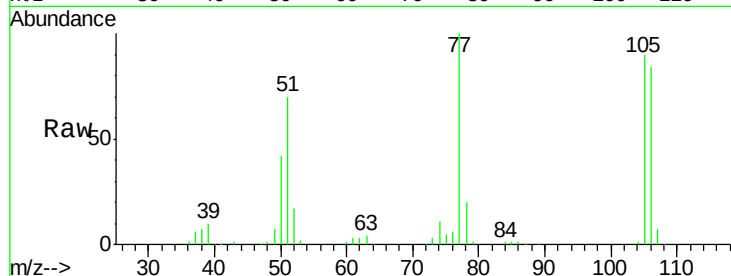
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	217556
Ion	Ratio	Lower	Upper
77	100		
105	90.2	72.7	112.7
106	84.5	70.8	110.8

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#10

Phenol

Concen: 39.89 ng

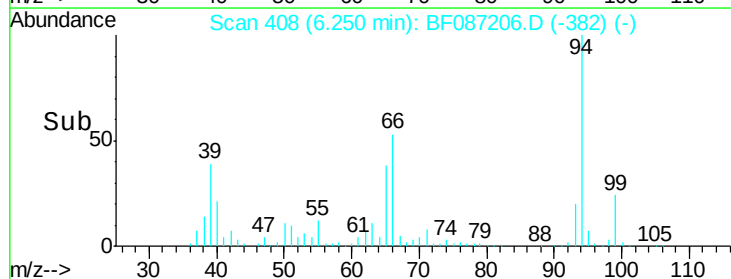
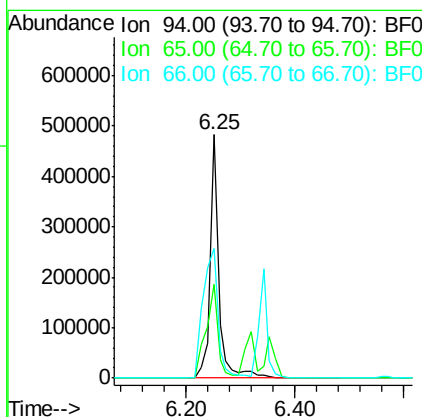
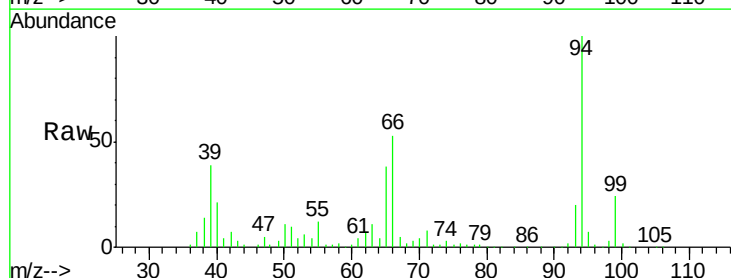
RT: 6.25 min Scan# 408

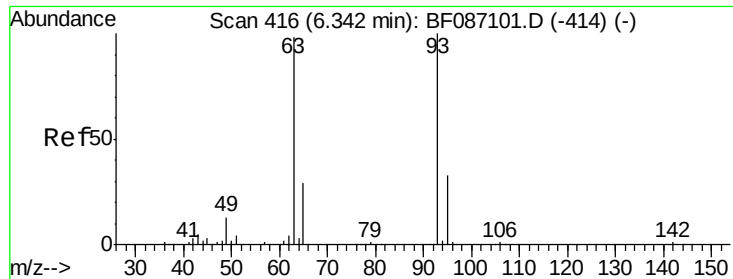
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	94	Resp:	539503
Ion	Ratio	Lower	Upper
94	100		
65	38.3	7.2	47.2
66	53.1	14.9	54.9





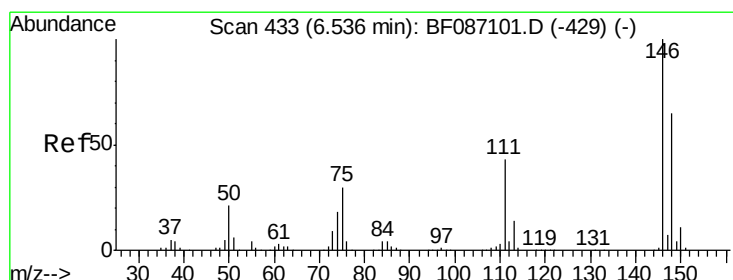
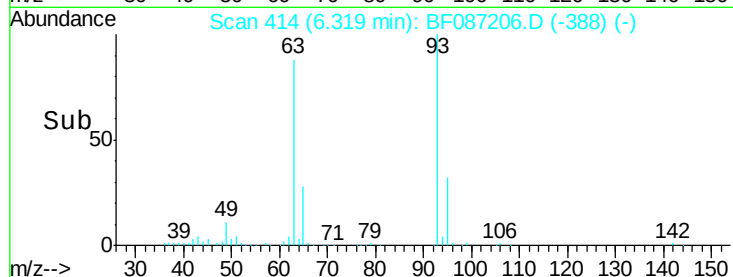
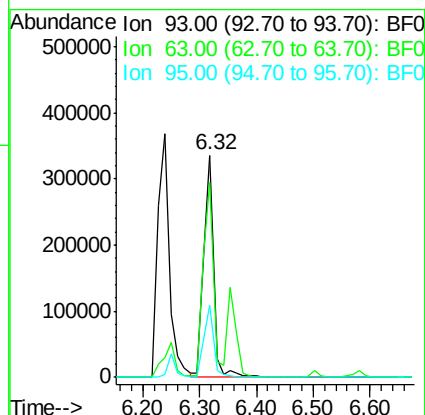
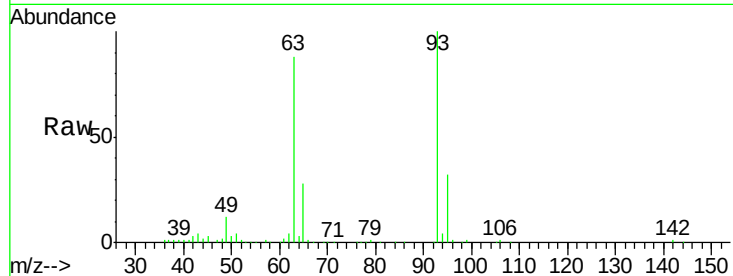
#11
bis(2-Chloroethyl)ether
Concen: 39.02 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	87.9	58.0	98.0
95	32.3	11.9	51.9

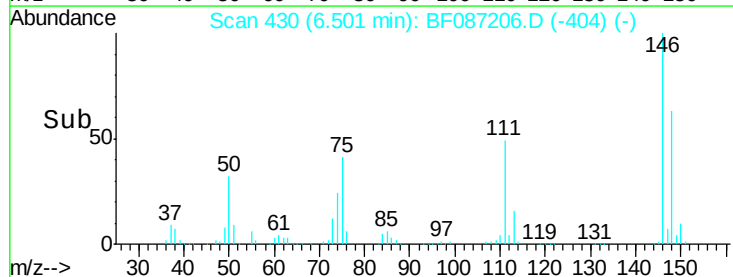
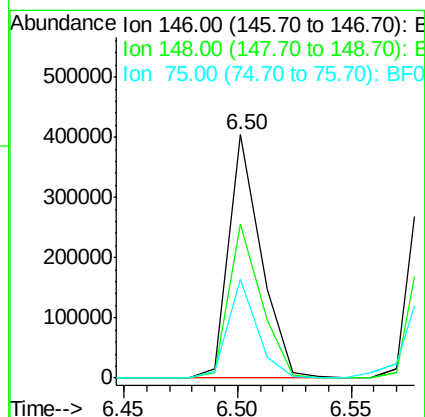
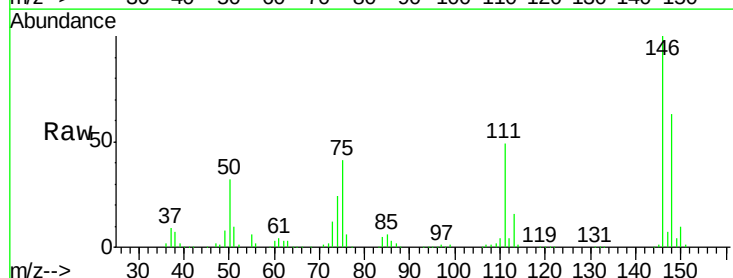
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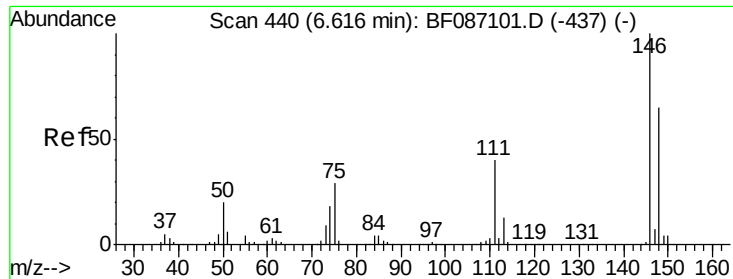
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#12
1,3-Dichlorobenzene
Concen: 38.29 ng m
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.3	52.4	78.6
75	40.9	22.8	34.2





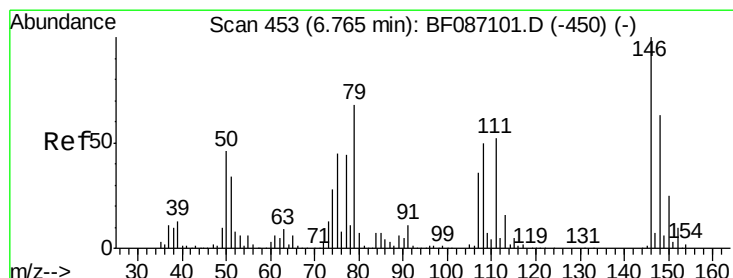
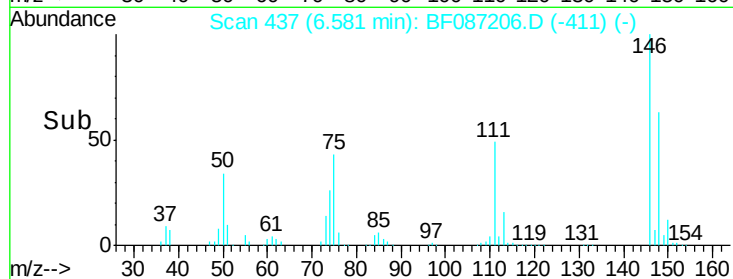
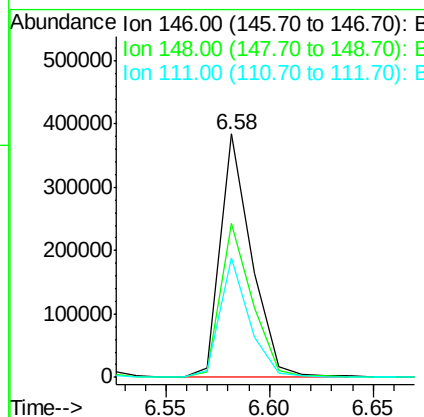
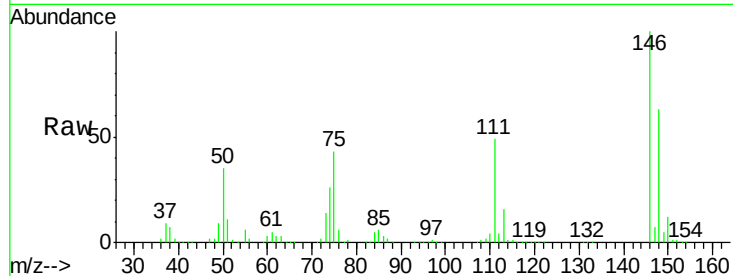
#13
 1,4-Dichlorobenzene
 Concen: 38.04 ng m
 RT: 6.58 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.4
111	49.0	30.7	46.1

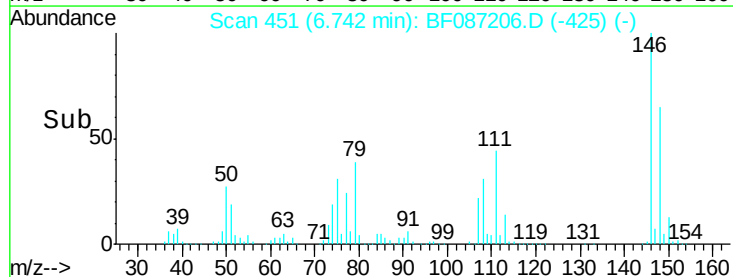
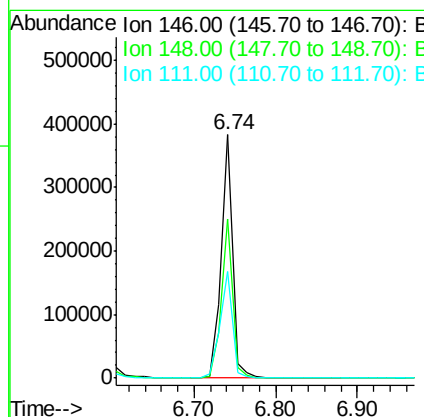
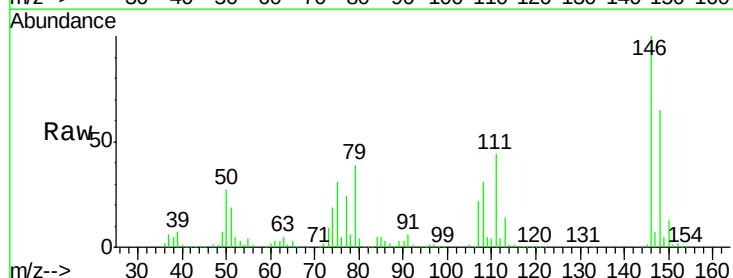
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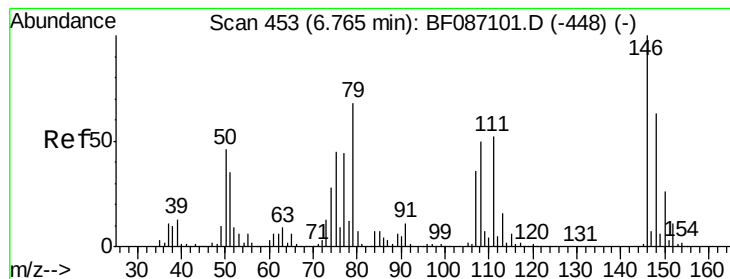
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#14
 1,2-Dichlorobenzene
 Concen: 39.79 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	43.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.43 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 79 Resp: 315796
Ion Ratio Lower Upper

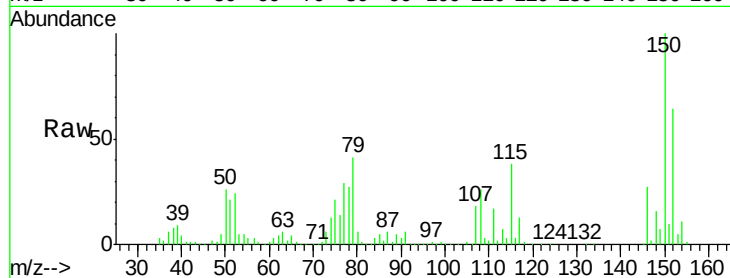
79 100

108 63.3 68.4 102.6#

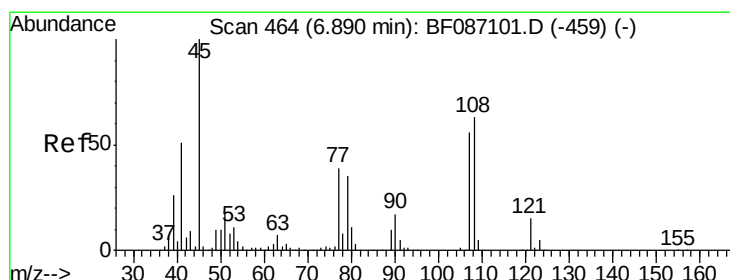
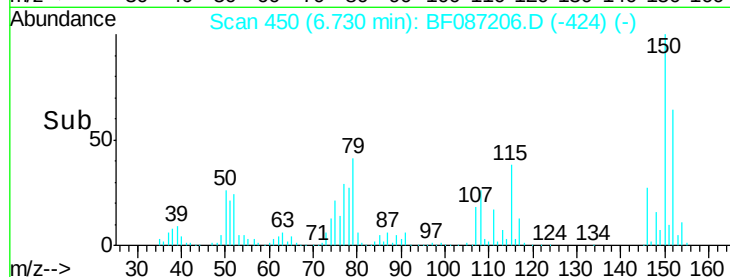
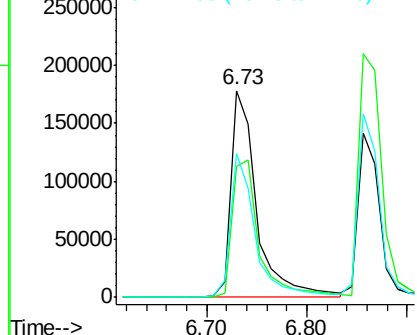
77 69.5 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.65 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF087206.D

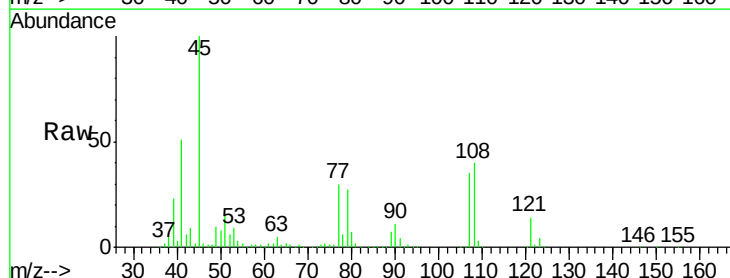
Acq: 20 May 2016 2:17

Tgt Ion: 45 Resp: 785847
Ion Ratio Lower Upper

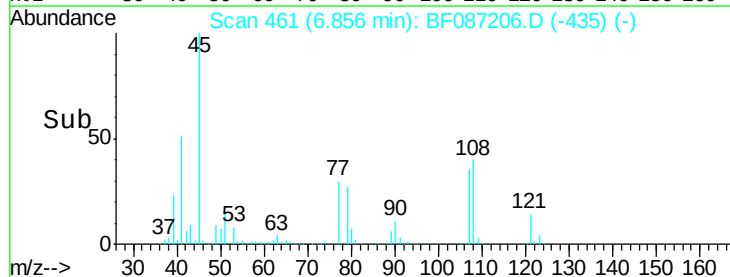
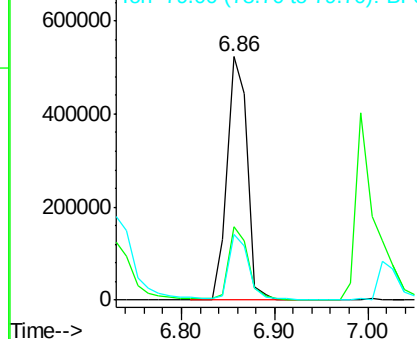
45 100

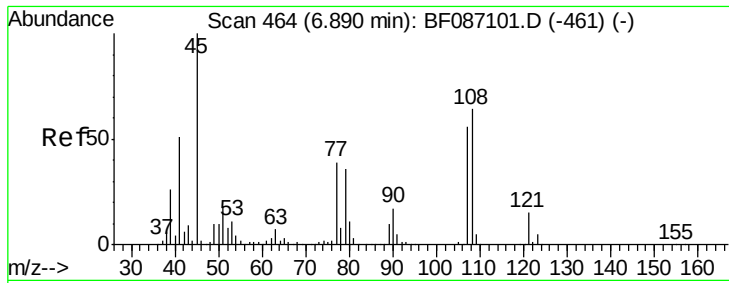
77 30.3 0.0 36.4

79 27.1 0.0 33.4



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





#17

2-Methylphenol

Concen: 36.31 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF087206.D

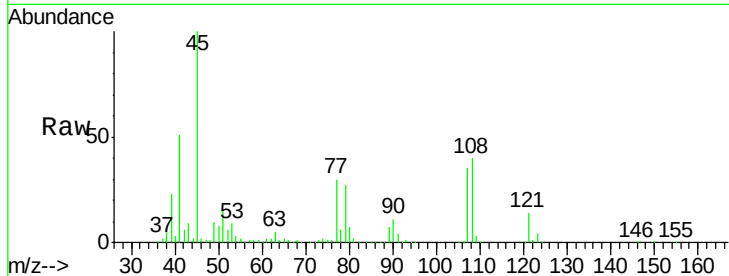
Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 291015

Ion Ratio Lower Upper

107 100

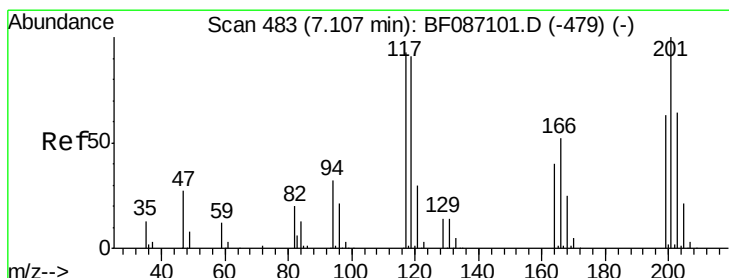
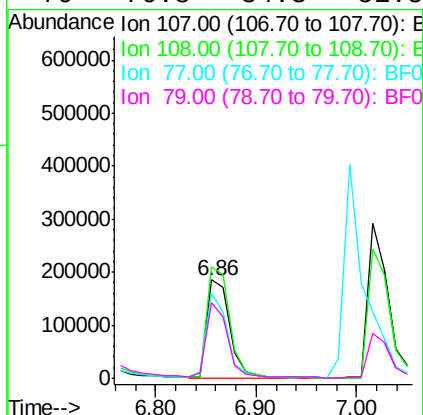
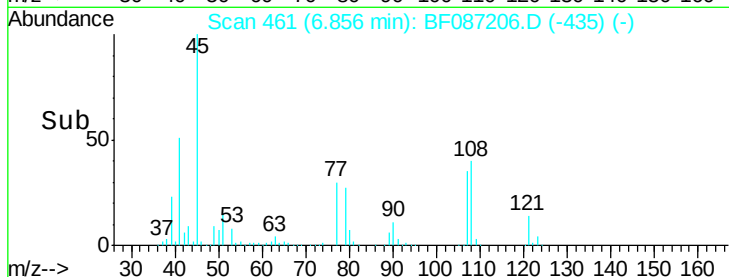
108 113.6 93.7 140.5

77 85.8 33.4 50.0#

79 76.8 34.3 51.5#

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#18

Hexachloroethane

Concen: 37.19 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

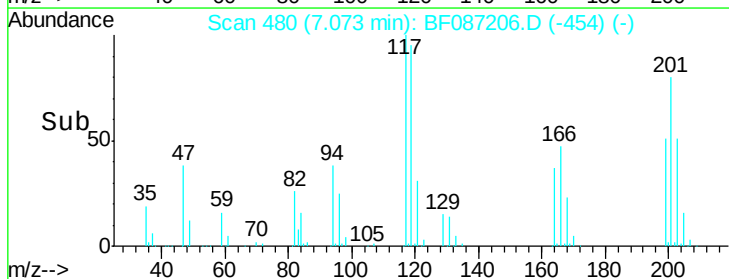
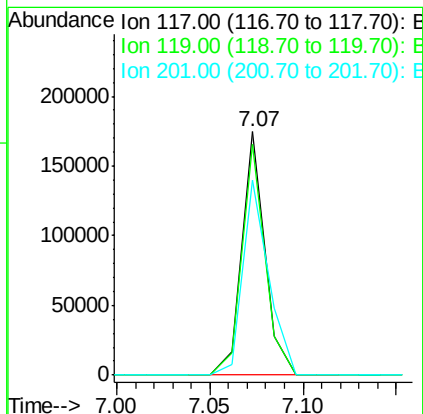
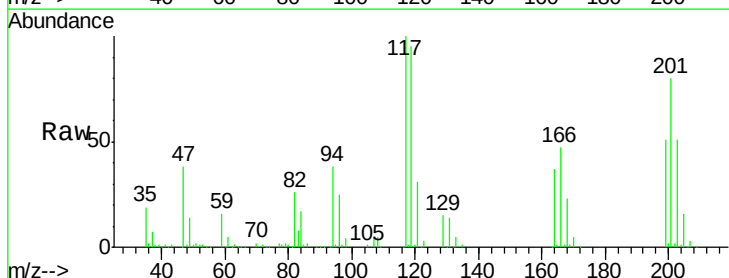
Tgt Ion:117 Resp: 150893

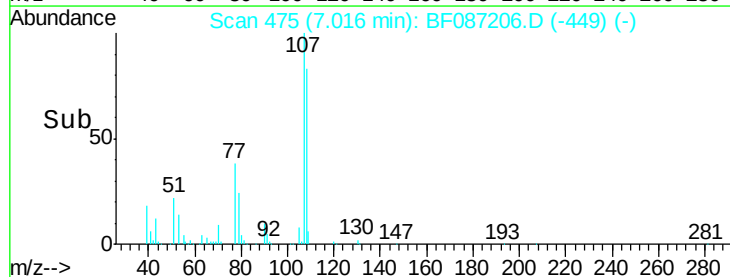
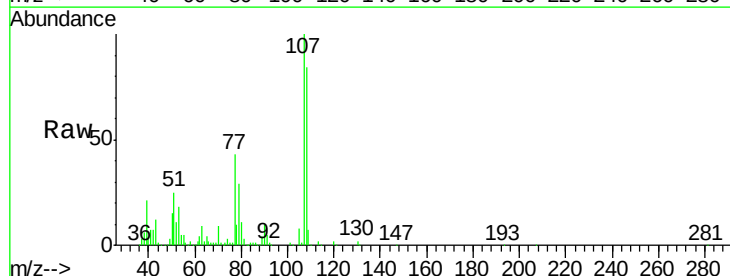
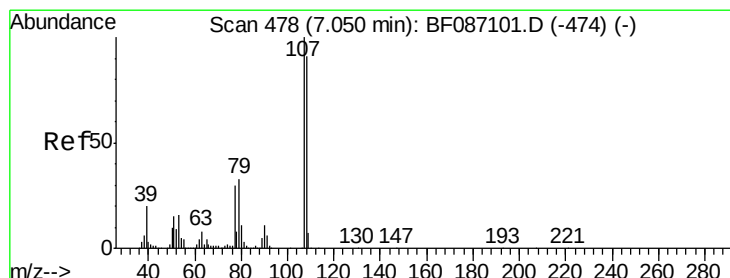
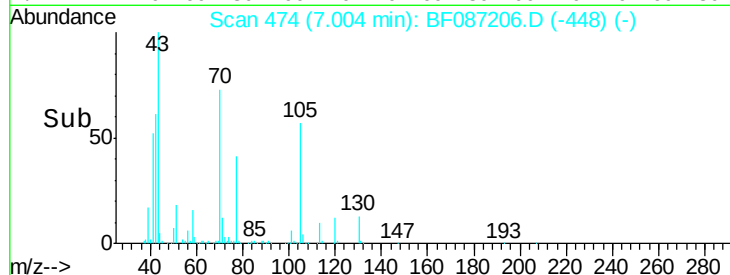
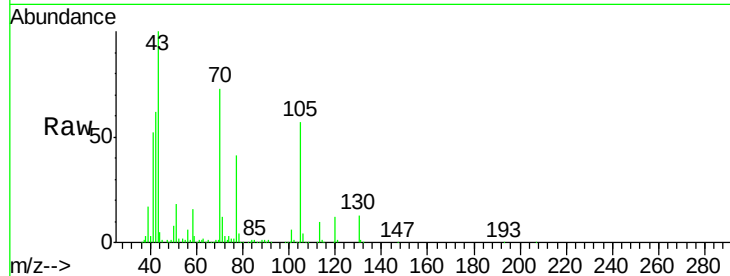
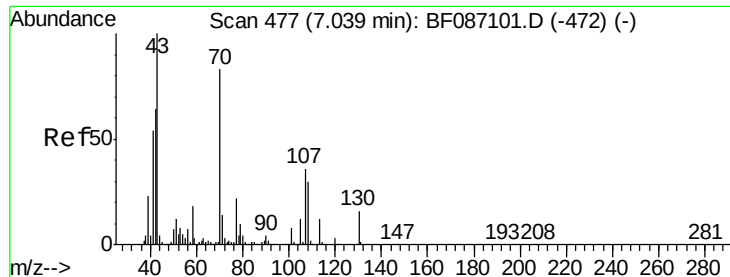
Ion Ratio Lower Upper

117 100

119 94.8 76.5 114.7

201 79.9 63.0 94.6





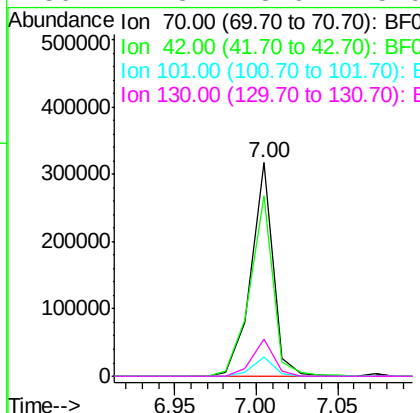
#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	84.3	43.1	64.7#
101	8.9	8.1	12.1
130	17.3	18.6	28.0#

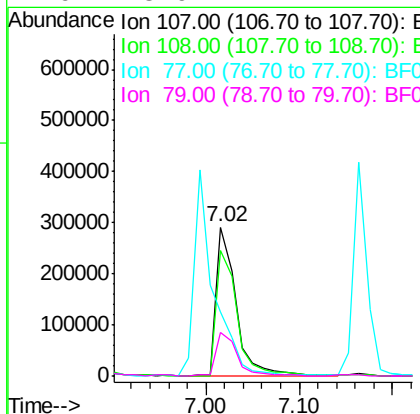
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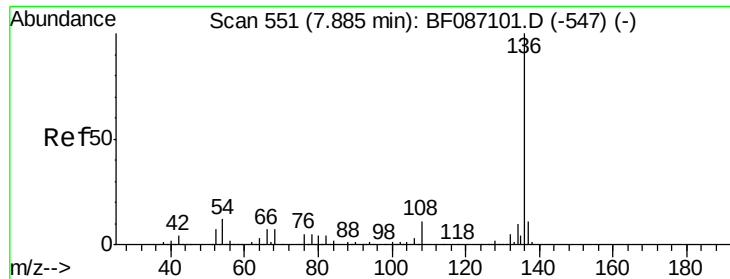
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#20
3+4-Methylphenols
Concen: 39.82 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	84.0	68.5	108.5
77	43.4	101.6	141.6#
79	28.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

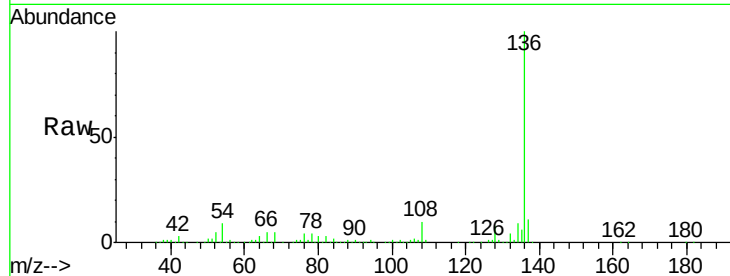
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		556474		
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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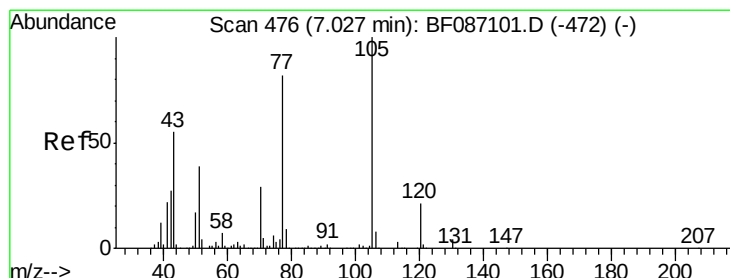
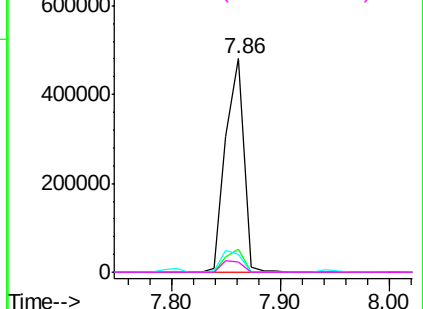
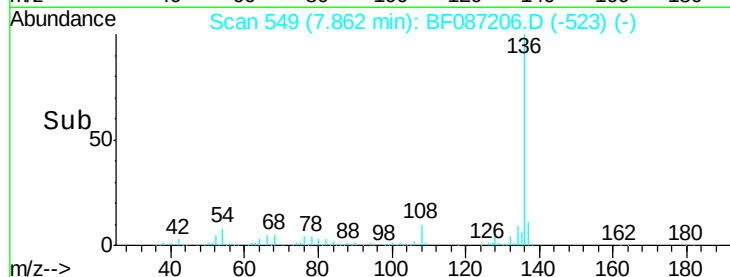


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.06 ng

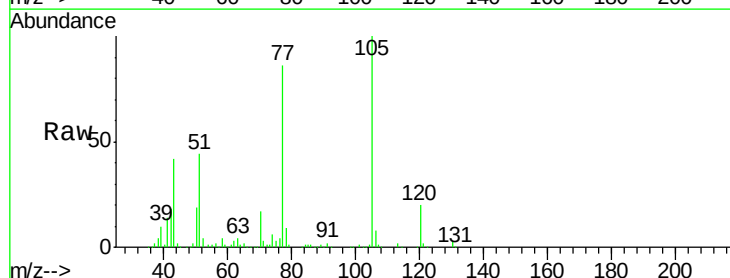
RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		545571		
71	3.0		4.8	7.2	
51	44.1		32.6	49.0	
120	19.8		16.5	24.7	

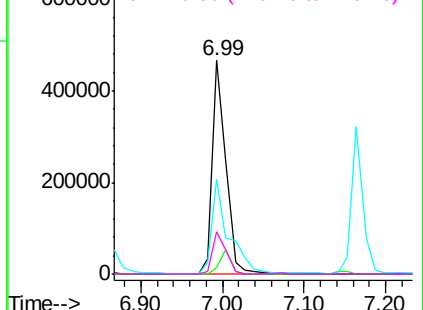
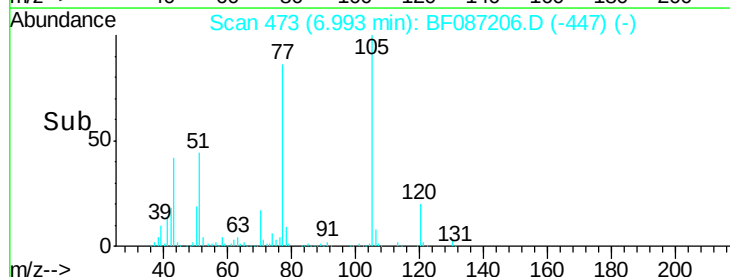


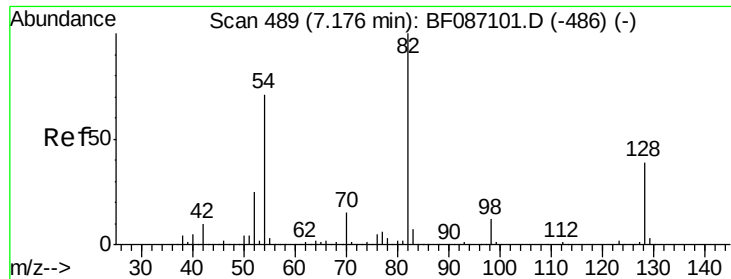
Abundance Ion 105.00 (104.70 to 105.70): E

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





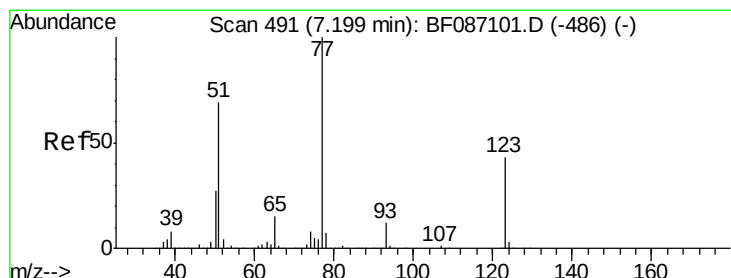
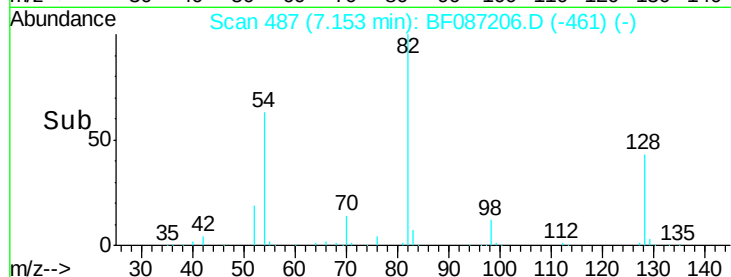
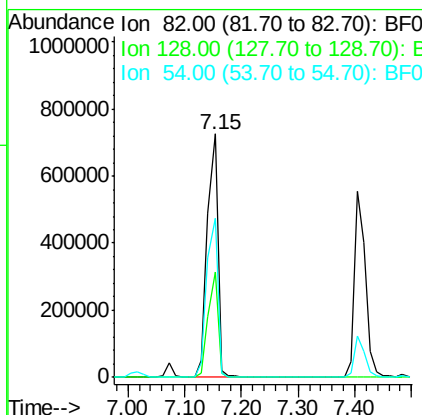
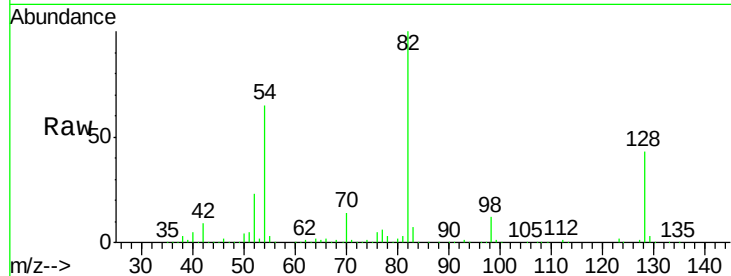
#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.2	40.6	61.0
54	65.4	38.1	57.1

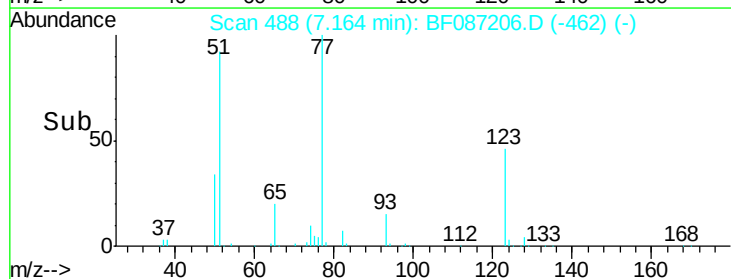
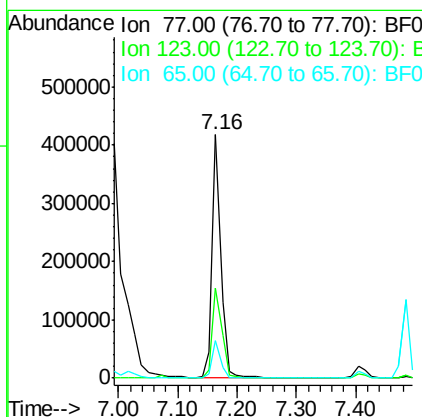
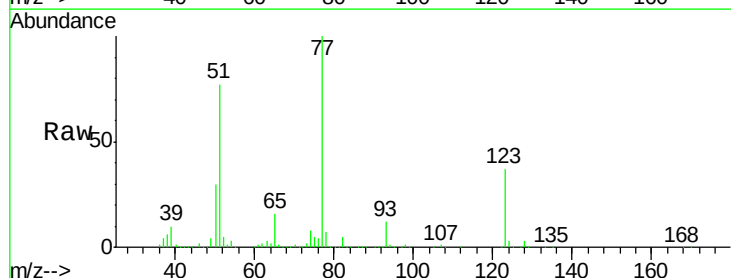
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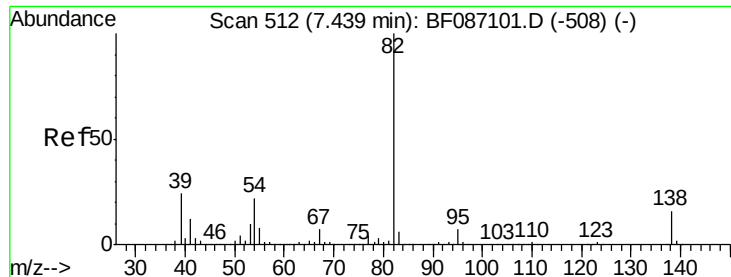
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#24
 Nitrobenzene
 Concen: 35.11 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	36.9	33.0	49.4
65	15.7	10.8	16.2





#25

Isophorone

Concen: 37.34 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

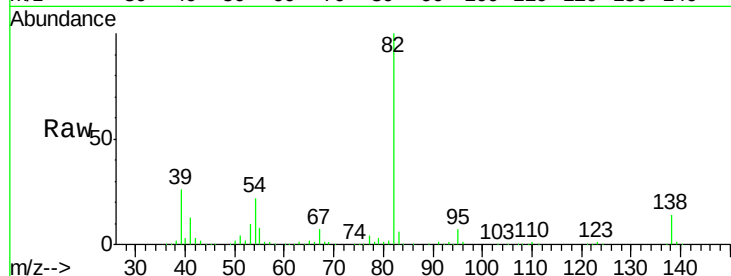
ClientSampleId :

SSTDCCC040

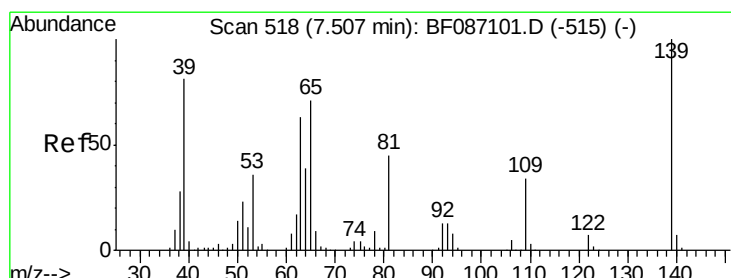
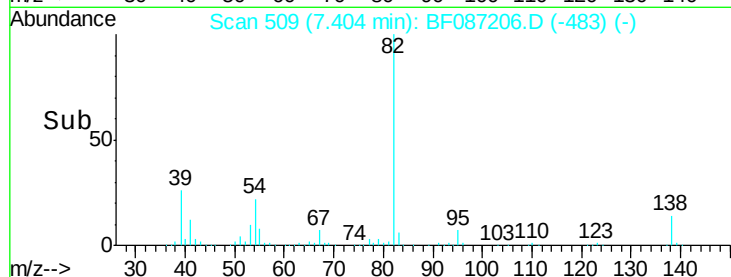
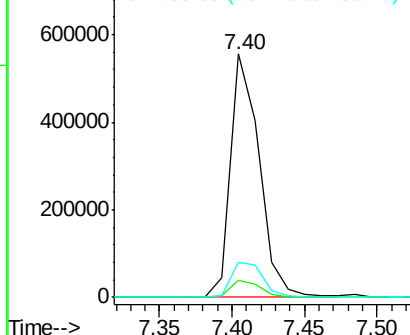
Tgt Ion:	82	Resp:	763211
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	14.2	12.4	18.6

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.14 ng

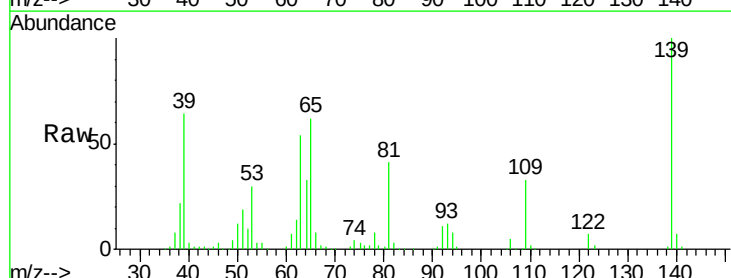
RT: 7.48 min Scan# 516

Delta R.T. -0.00 min

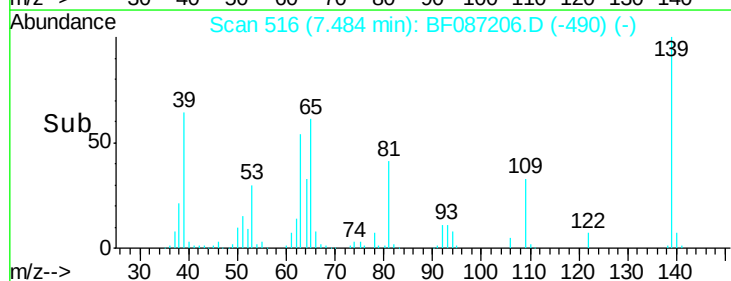
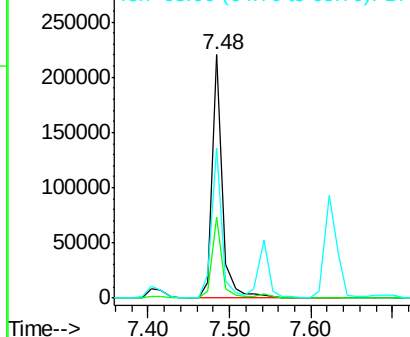
Lab File: BF087206.D

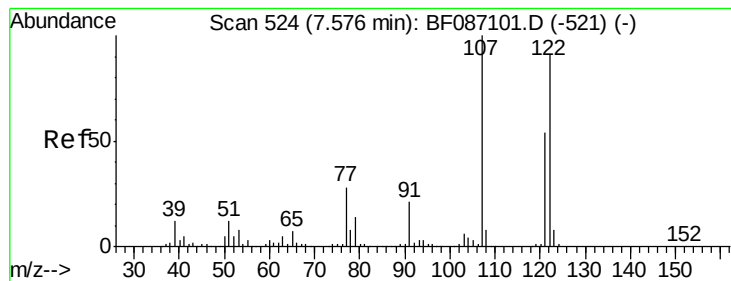
Acq: 20 May 2016 2:17

Tgt Ion:	139	Resp:	197664
Ion Ratio	Lower	Upper	
139	100		
109	33.3	19.5	29.3#
65	61.6	37.5	56.3#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.97 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

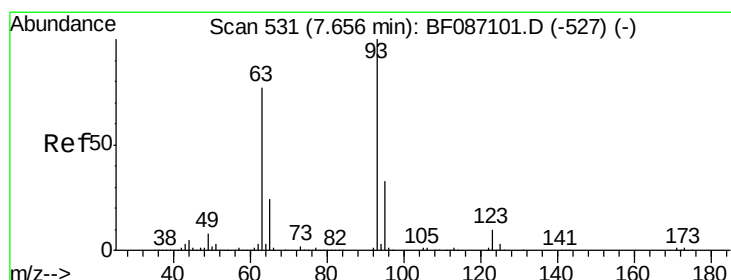
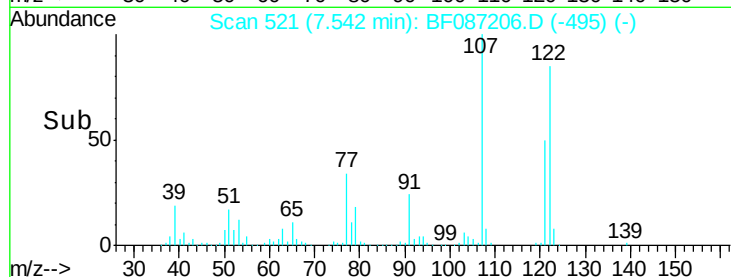
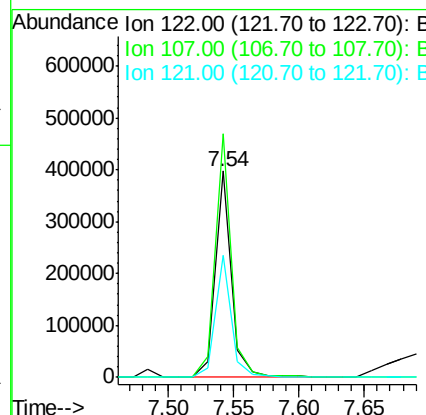
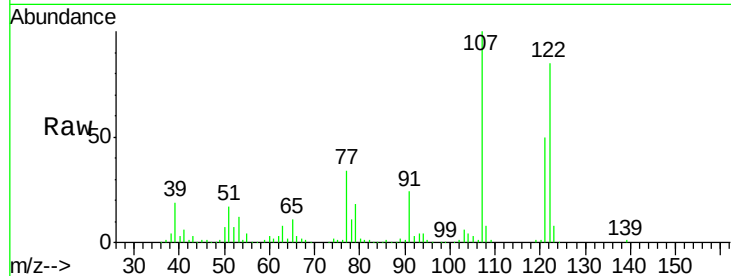
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	344495		
107	118.2	82.0	123.0	
121	59.2	46.1	69.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 37.09 ng

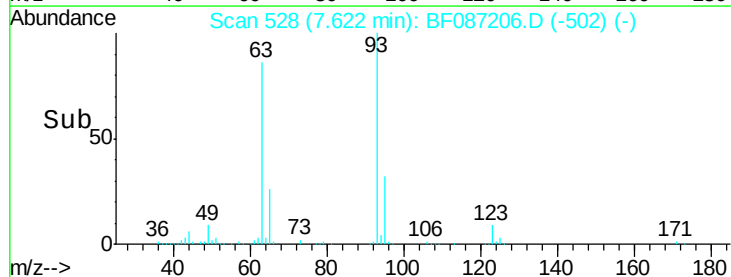
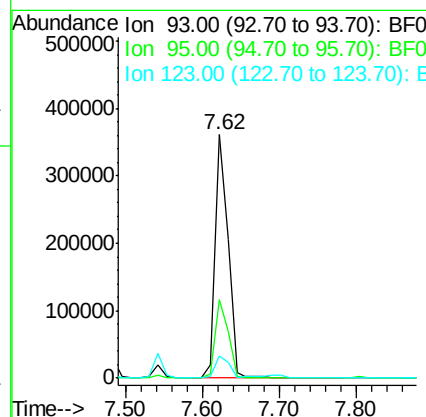
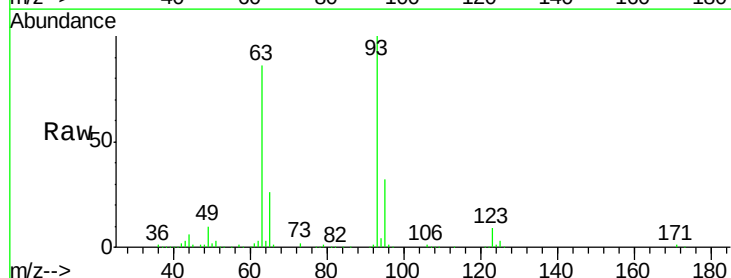
RT: 7.62 min Scan# 528

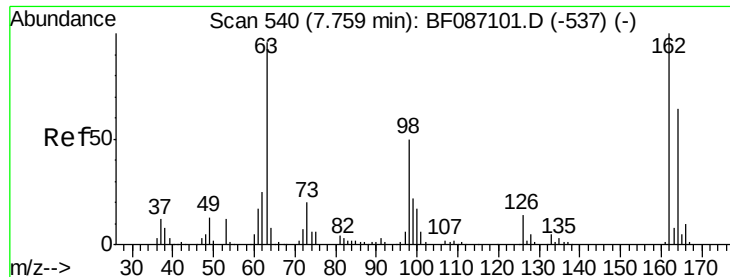
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416139		
95	32.1	26.0	39.0	
123	9.0	9.5	14.3#	





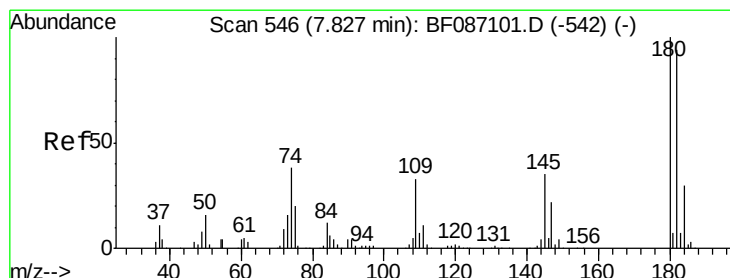
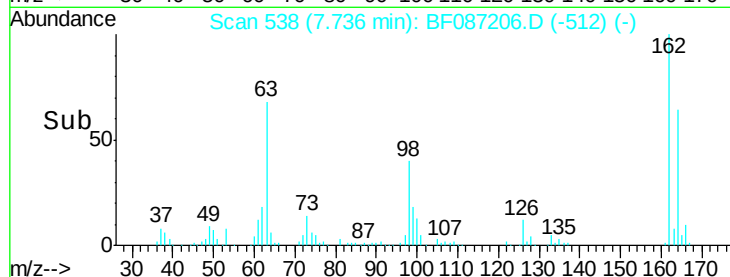
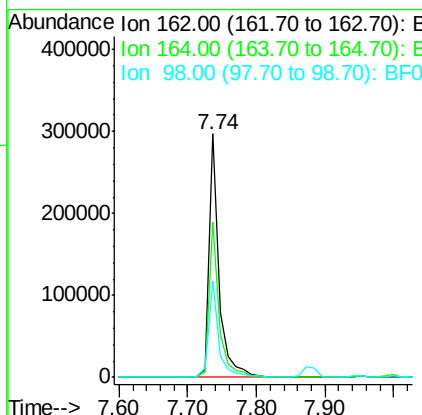
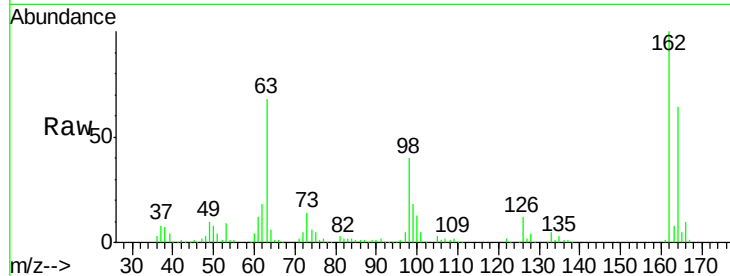
#29
 2,4-Dichlorophenol
 Concen: 40.16 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	42.2	82.2
98	39.6	19.0	59.0

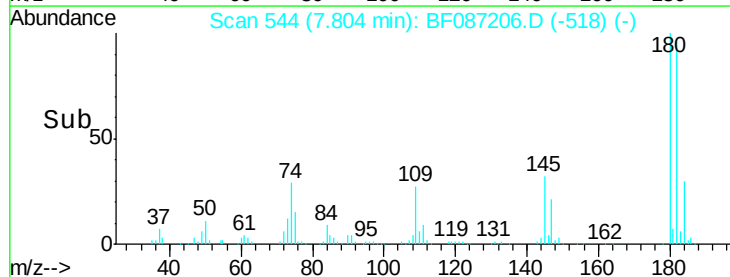
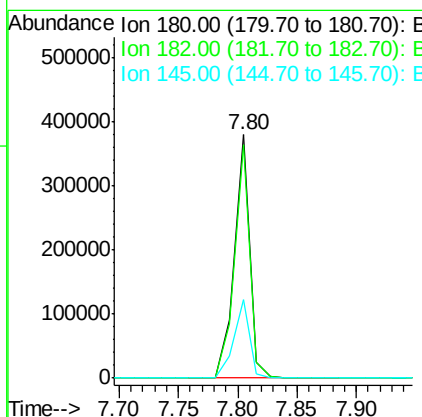
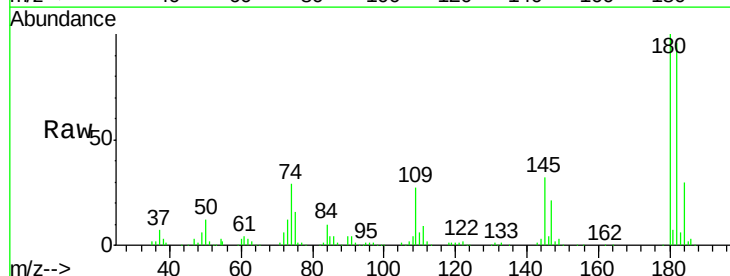
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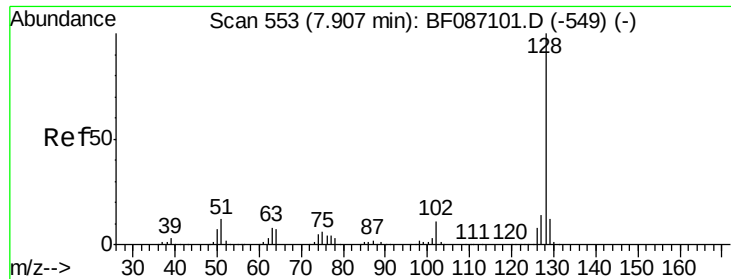
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.72 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	78.0	117.0
145	32.3	24.2	36.2





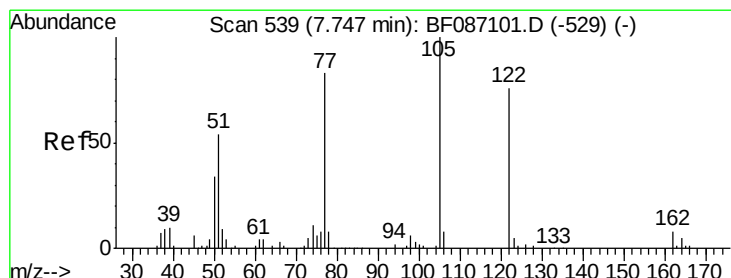
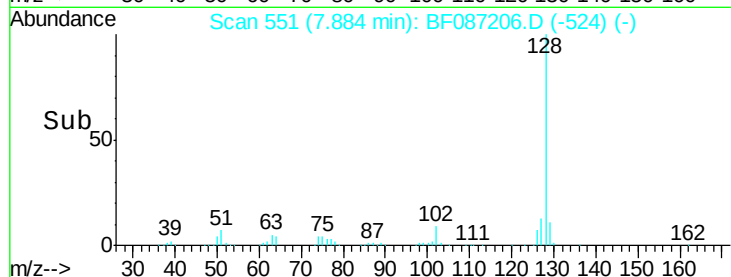
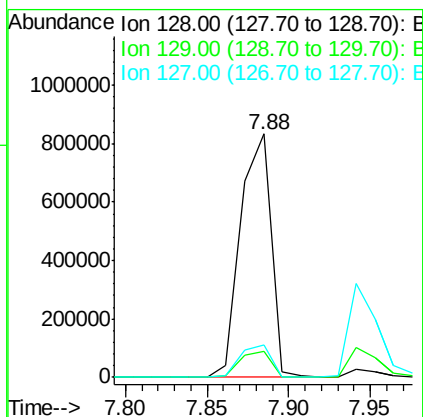
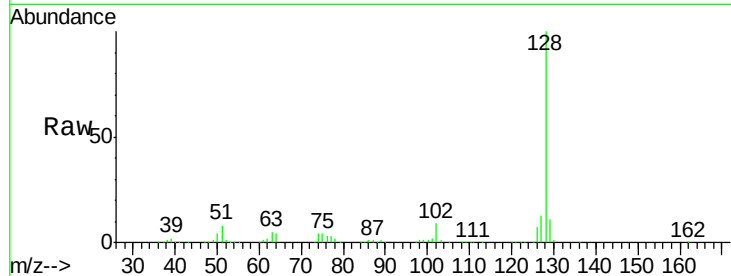
#31
Naphthalene
Concen: 39.78 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1081738
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.8 16.2

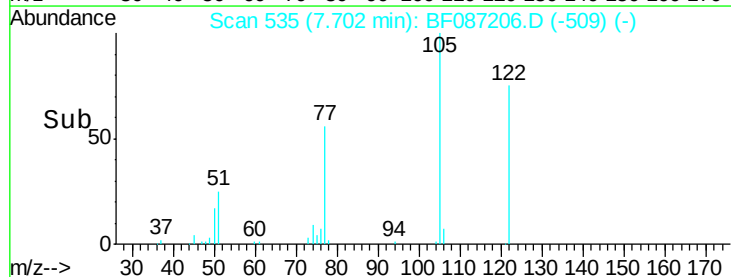
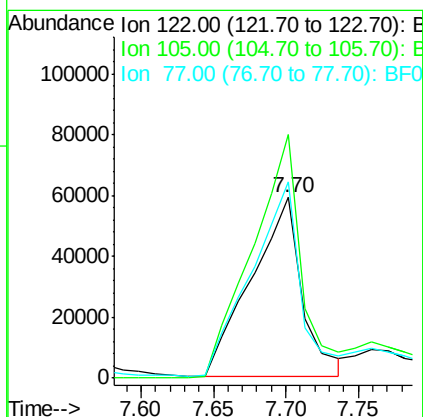
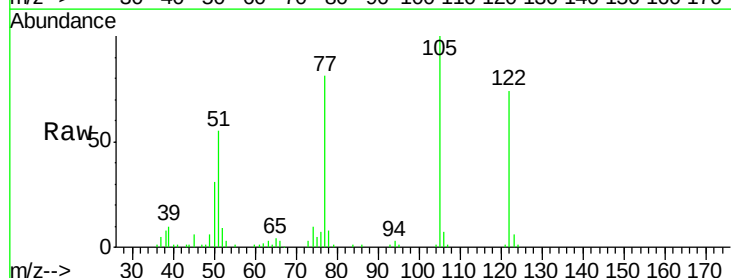
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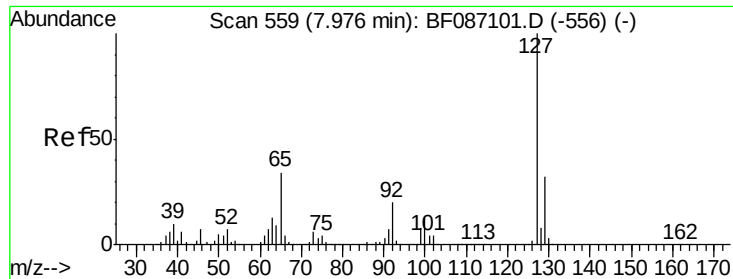
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#32
Benzoic acid
Concen: 27.71 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion:122 Resp: 142327
Ion Ratio Lower Upper
122 100
105 134.9 92.6 132.6#
77 109.1 60.0 100.0#





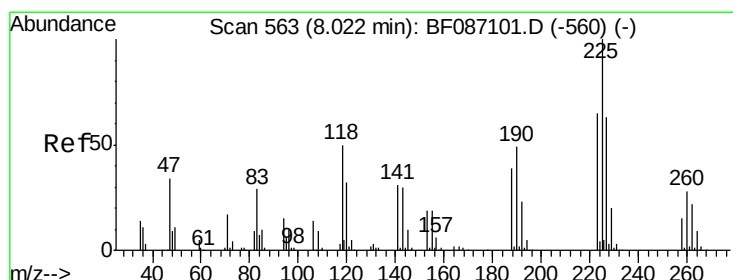
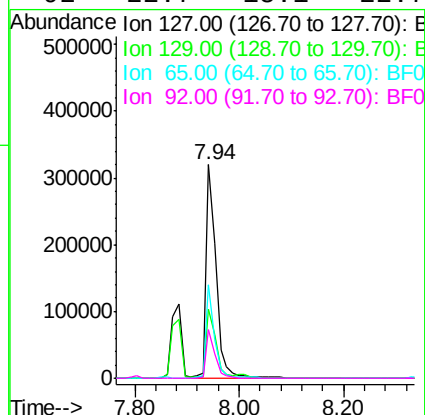
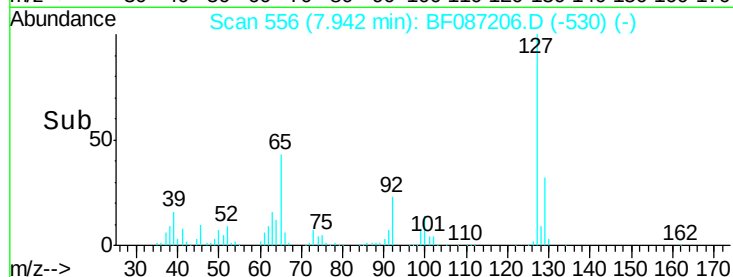
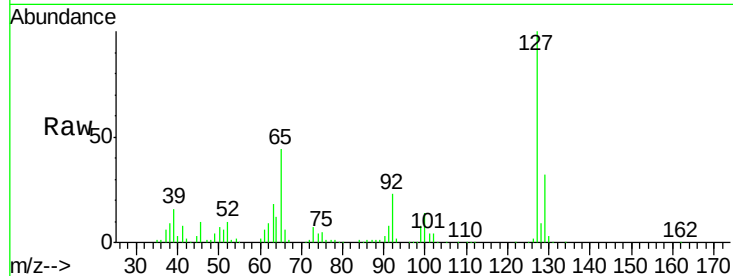
#33
4-Chloroaniline
Concen: 37.18 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	420135		
129	32.4	26.2	39.4	
65	43.8	23.0	34.4	
92	22.7	15.1	22.7	

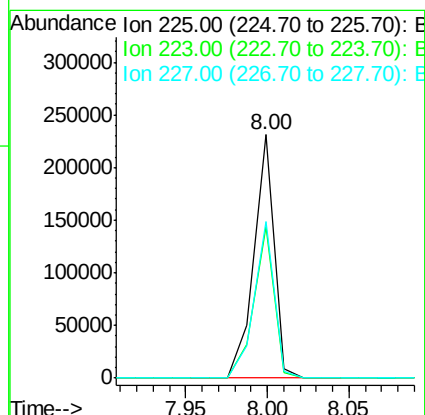
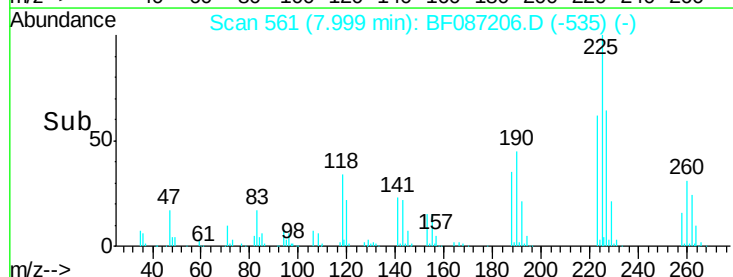
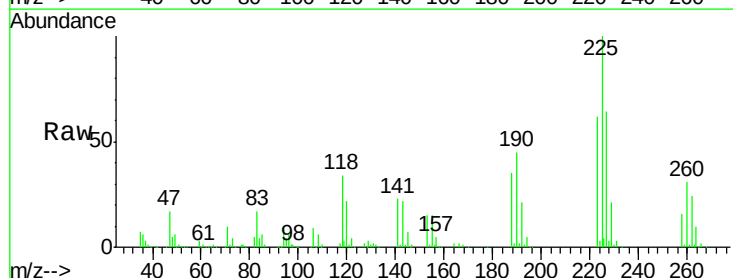
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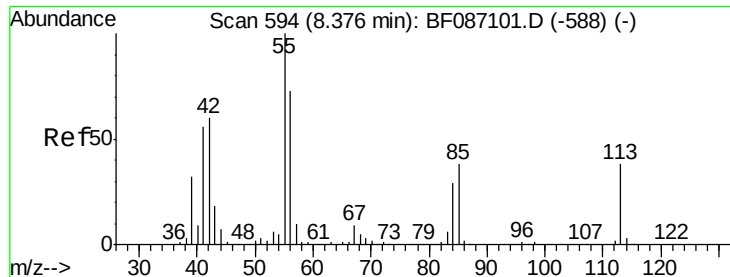
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#34
Hexachlorobutadiene
Concen: 41.73 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199586		
223	62.3	51.5	77.3	
227	64.2	52.2	78.2	





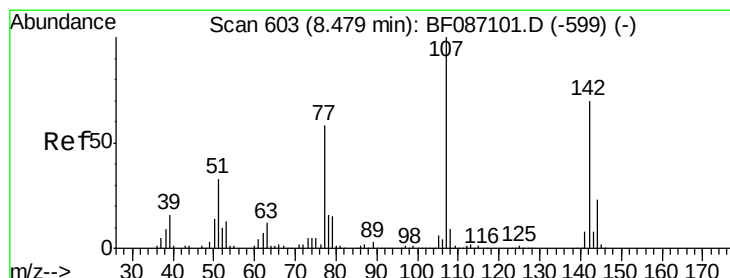
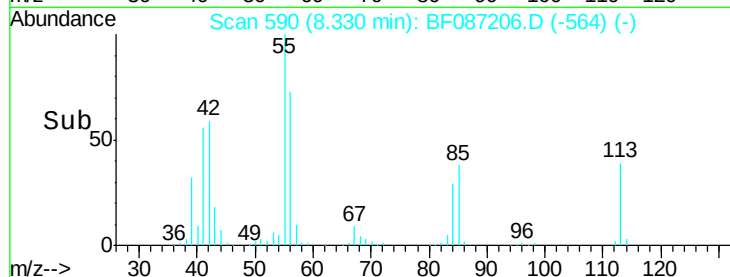
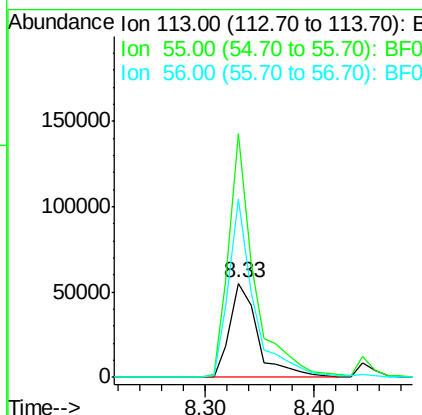
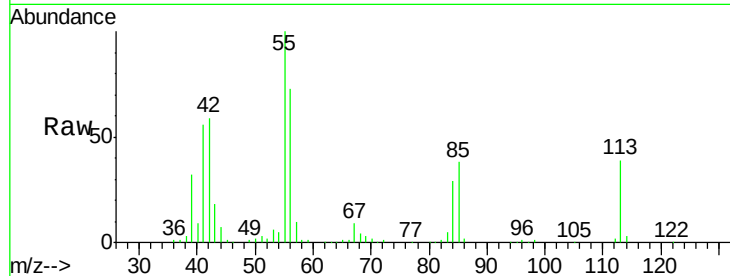
#35
 Caprolactam
 Concen: 39.02 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	258.9	162.0	202.0#	
56	190.1	115.3	155.3#	

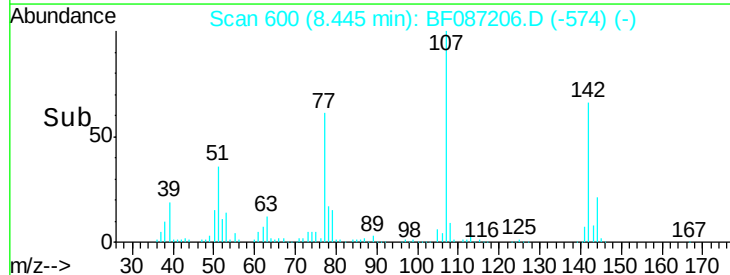
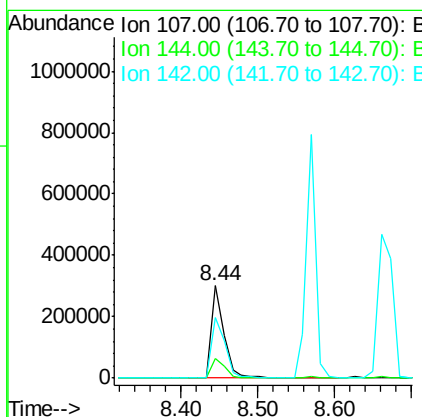
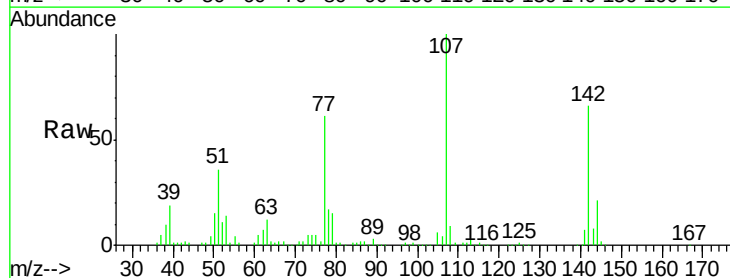
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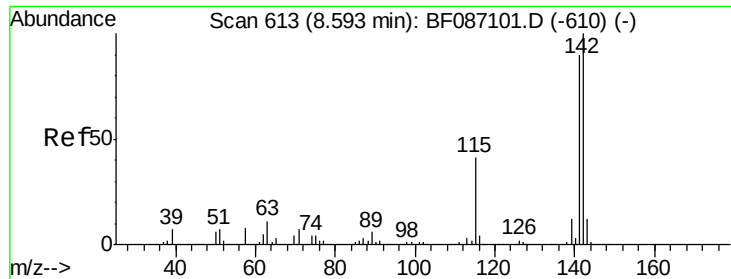
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#36
 4-Chloro-3-methylphenol
 Concen: 36.83 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	20.7	20.7	31.1#	
142	65.6	63.2	94.8	





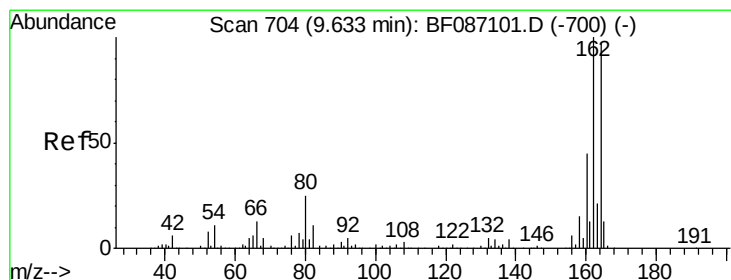
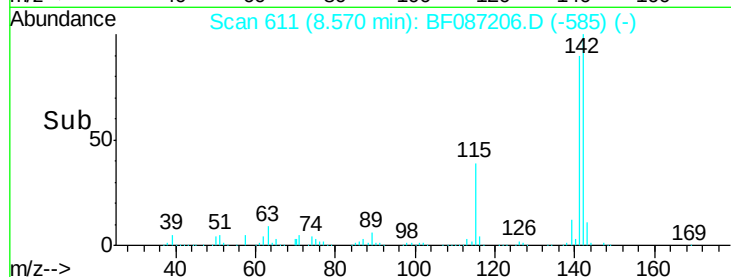
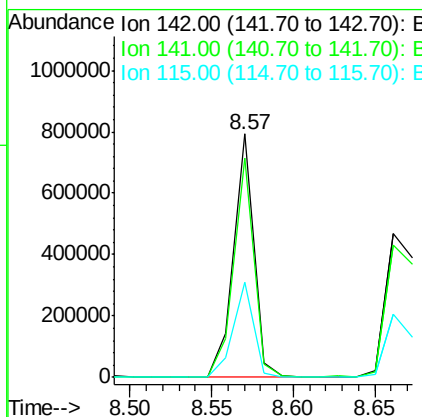
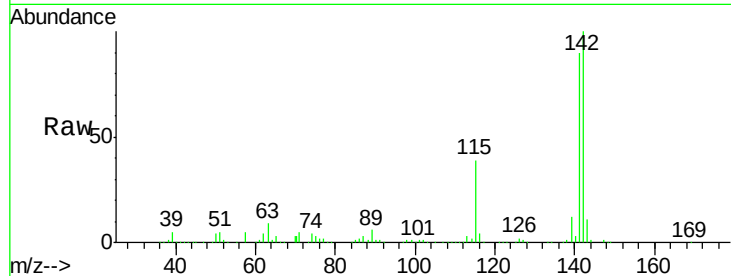
#37
2-Methylnaphthalene
Concen: 39.17 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	681313		
141	90.1	71.0	106.6	
115	39.2	26.6	39.8	

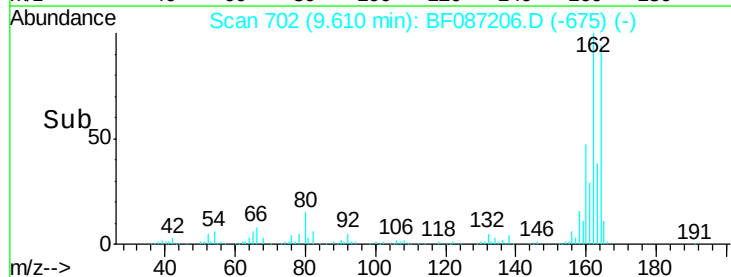
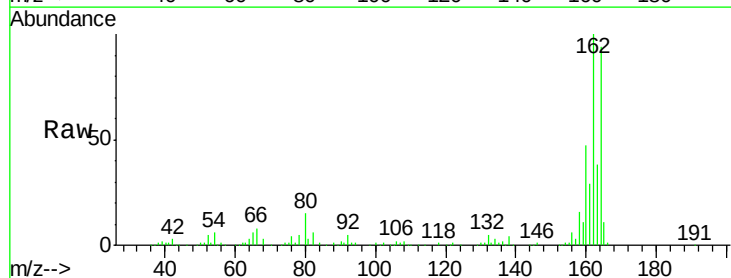
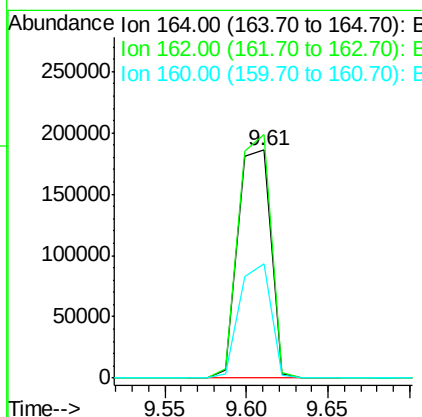
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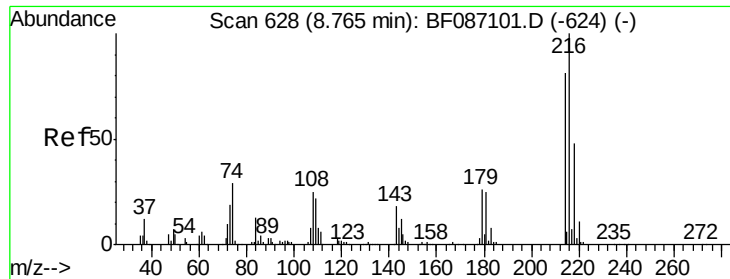
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258489		
162	106.7	82.8	124.2	
160	49.9	36.9	55.3	





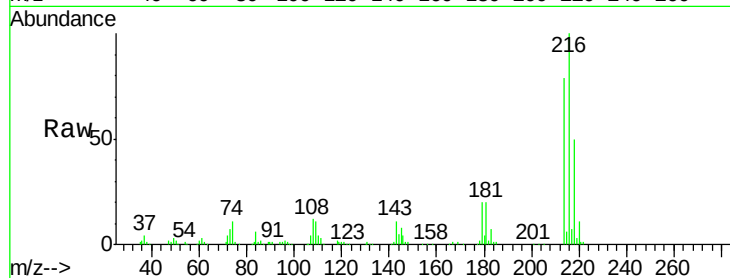
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.49 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

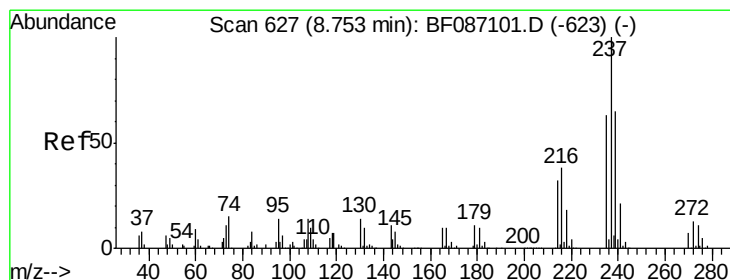
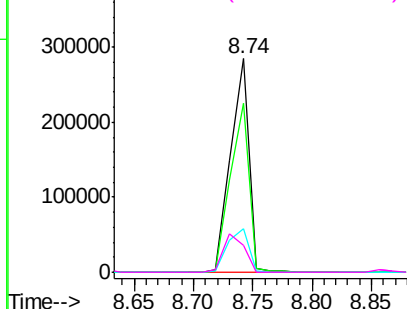
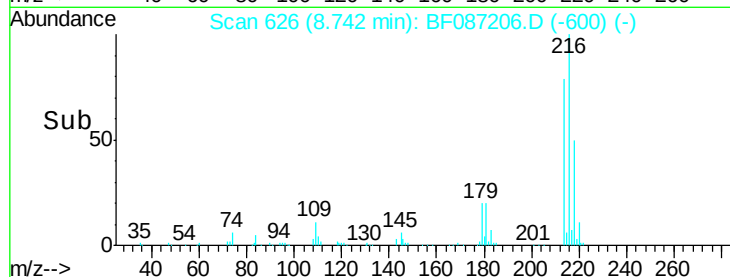
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	305728		
214	80.3	62.6	93.8	
179	23.1	18.2	27.4	
108	20.8	17.5	26.3	

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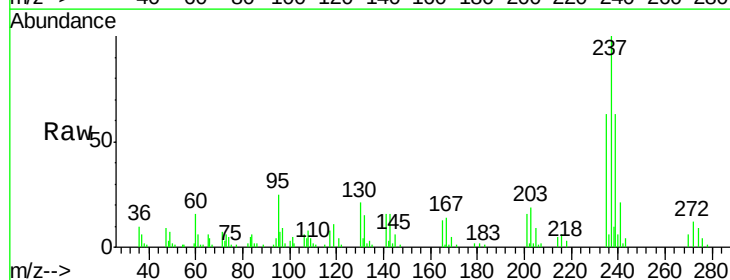


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

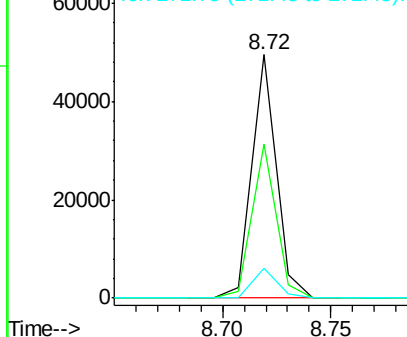
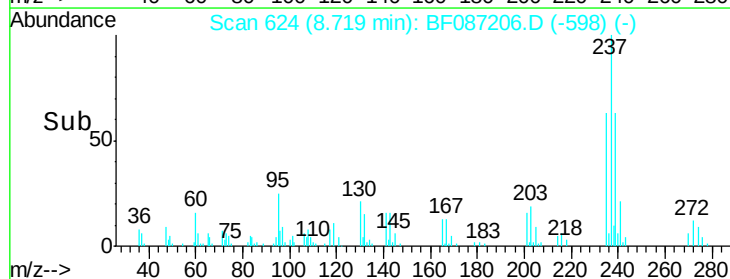


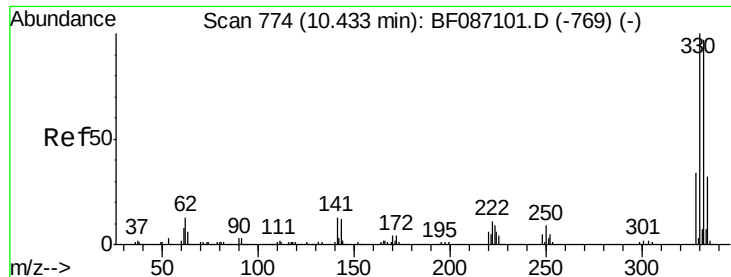
#40
 Hexachlorocyclopentadiene
 Concen: 19.86 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	38817		
235	63.4	47.2	87.2	
272	12.2	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





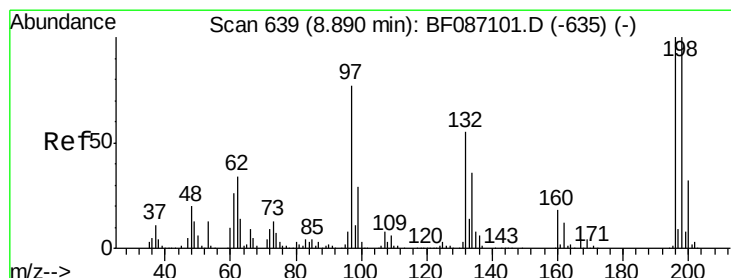
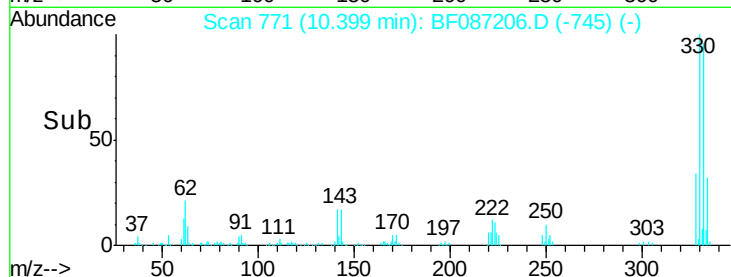
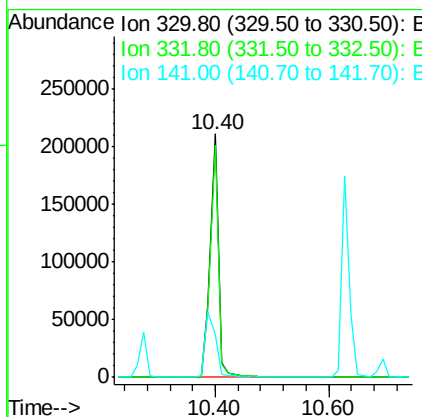
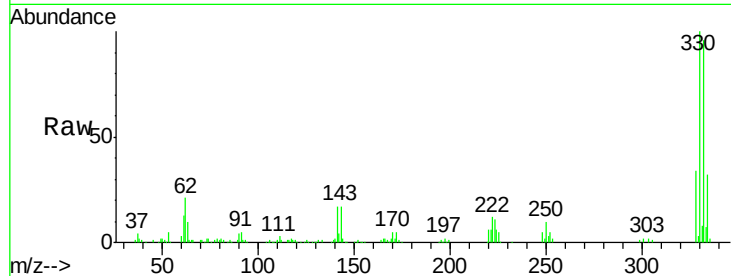
#41
 2,4,6-Tribromophenol
 Concen: 72.38 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	206752		
332	95.4	79.0	118.4	
141	33.4	31.2	46.8	

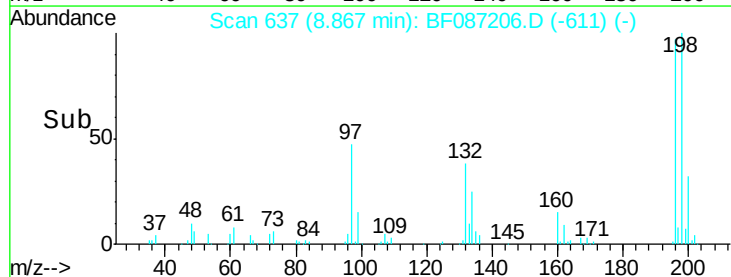
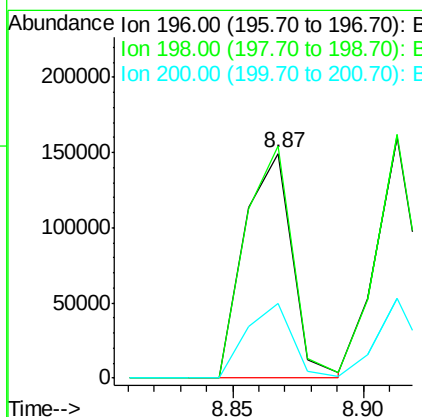
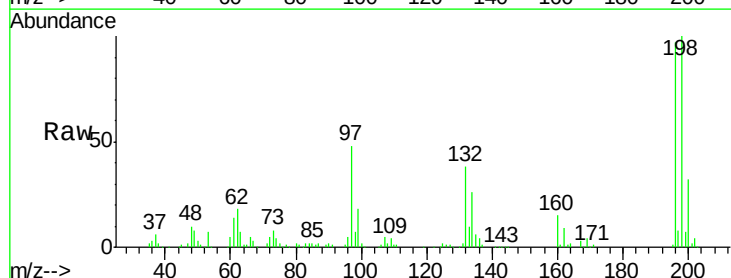
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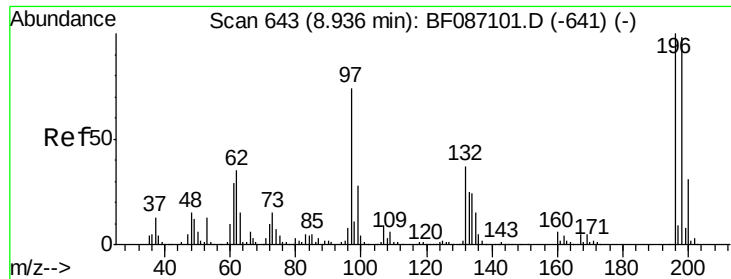
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#42
 2,4,6-Trichlorophenol
 Concen: 38.99 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

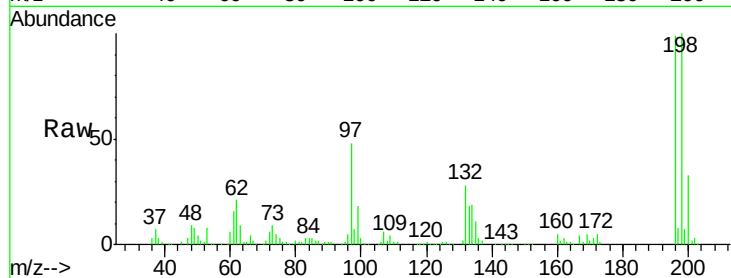
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190879		
198	103.5	74.7	112.1	
200	33.0	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

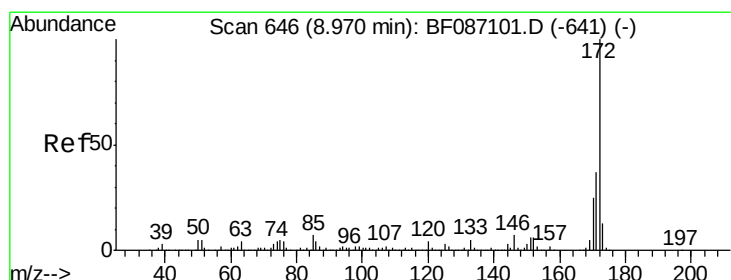
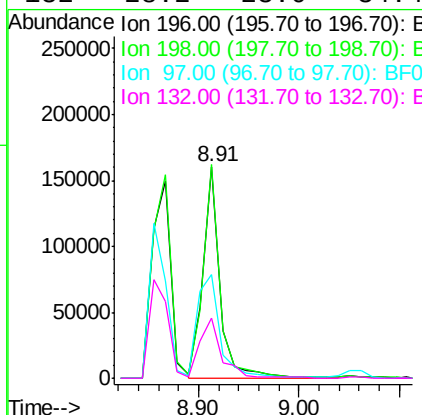
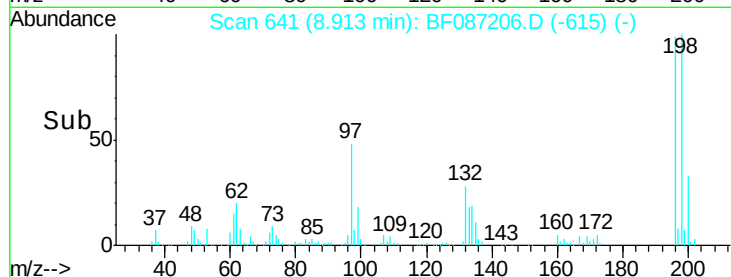
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



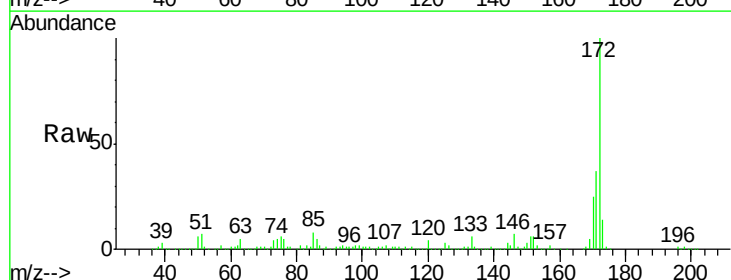
Tgt Ion	Ion	Resp	Lower	Upper
196	100			
198	101.0	77.5	116.3	
97	48.8	34.8	52.2	
132	28.2	23.0	34.4	

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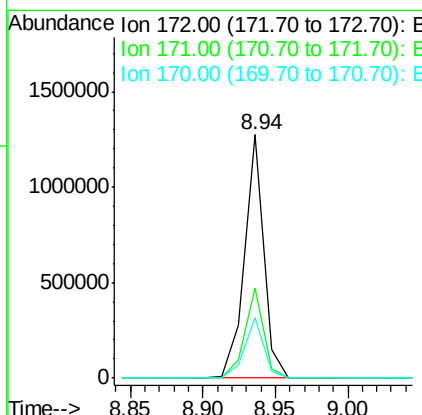
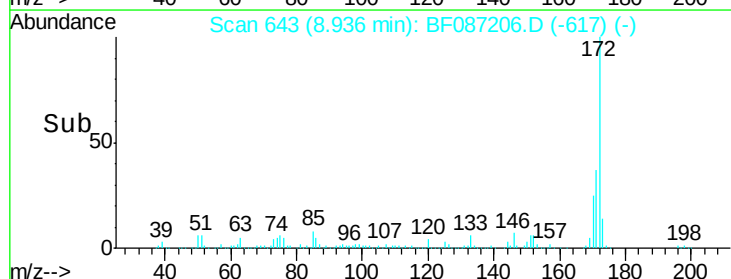
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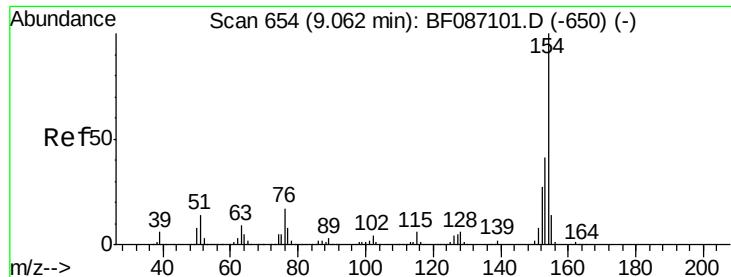


#44
 2-Fluorobiphenyl
 Concen: 75.46 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17



Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	36.8	29.0	43.6	
170	24.7	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 43.69 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

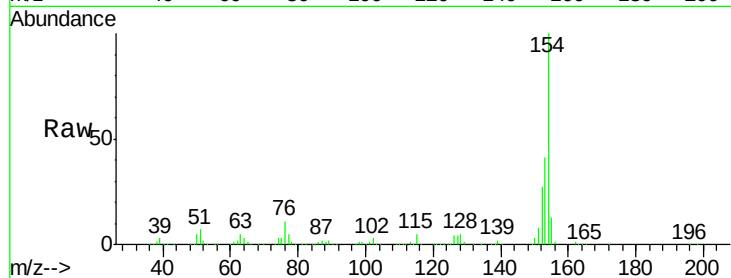
ClientSampleId :

SSTDCCC040

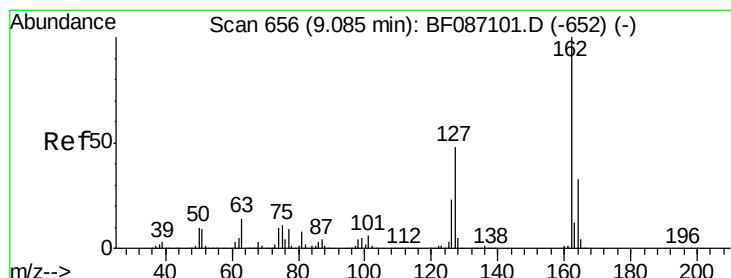
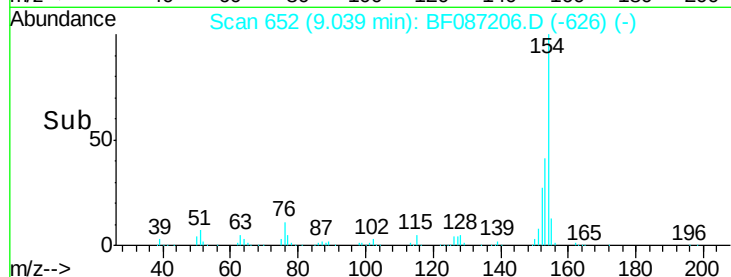
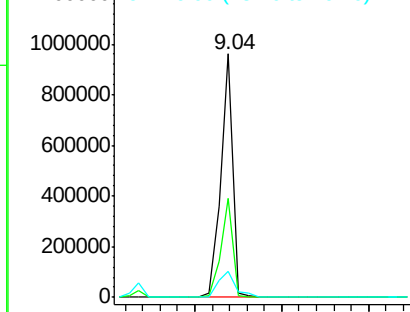
Tgt Ion:	154	Resp:	936457
Ion Ratio		Lower	Upper
154	100		
153	40.7	20.3	60.3
76	10.8	0.0	30.2

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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: 40.76 ng

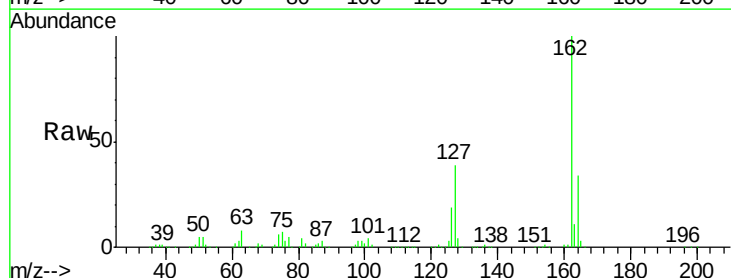
RT: 9.06 min Scan# 654

Delta R.T. -0.00 min

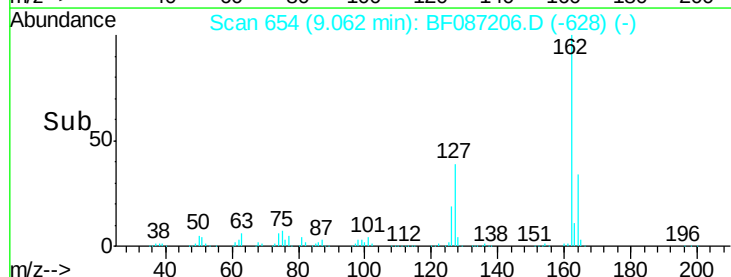
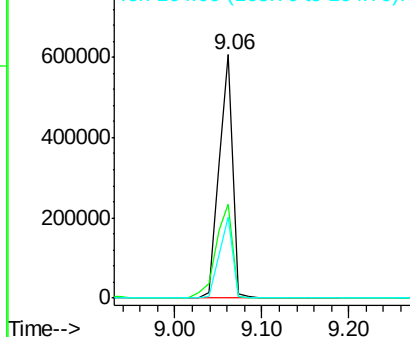
Lab File: BF087206.D

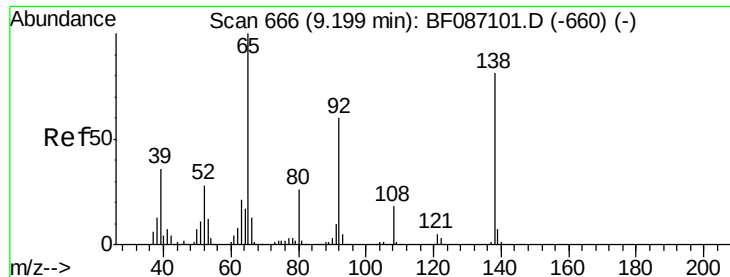
Acq: 20 May 2016 2:17

Tgt Ion:	162	Resp:	670745
Ion Ratio		Lower	Upper
162	100		
127	38.8	31.8	47.6
164	33.5	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





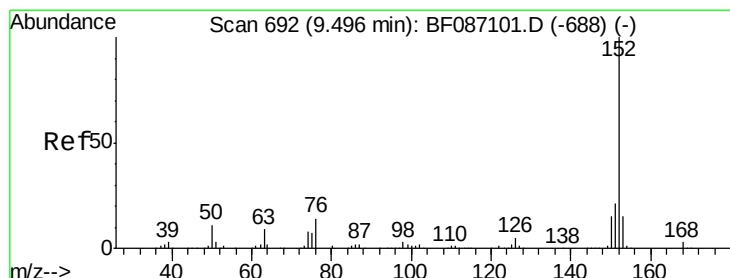
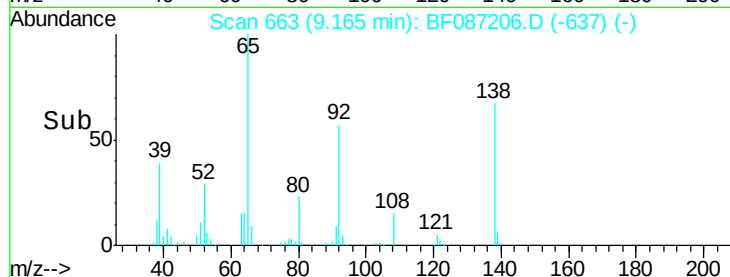
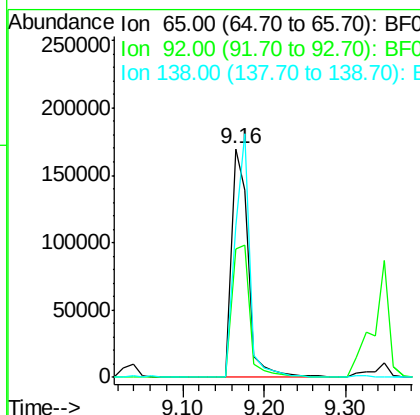
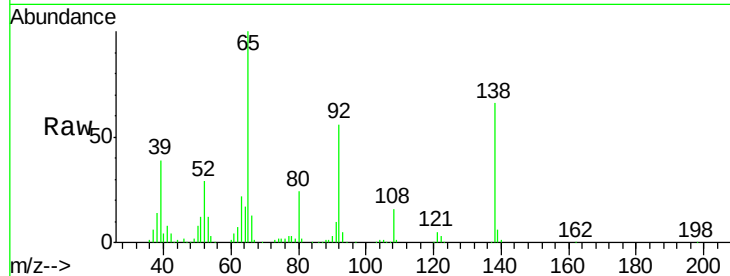
#47
 2-Nitroaniline
 Concen: 37.74 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.4	57.4	86.2#
138	66.4	90.1	135.1#

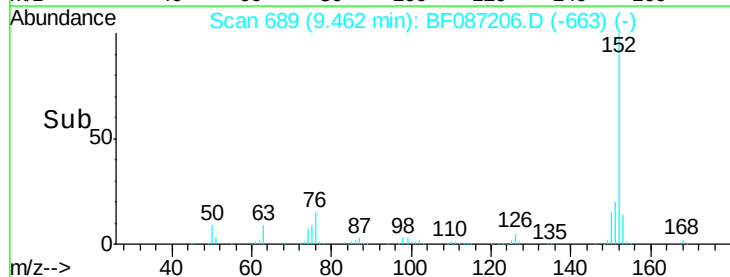
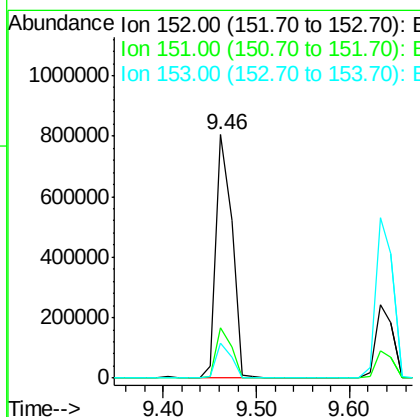
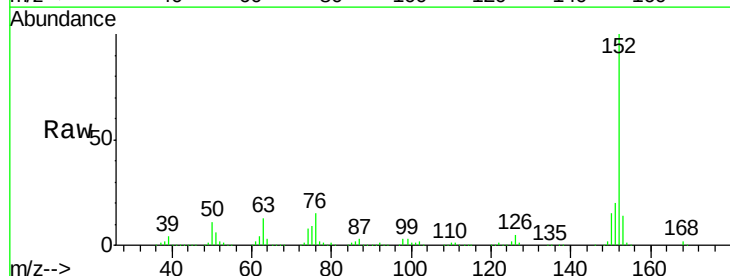
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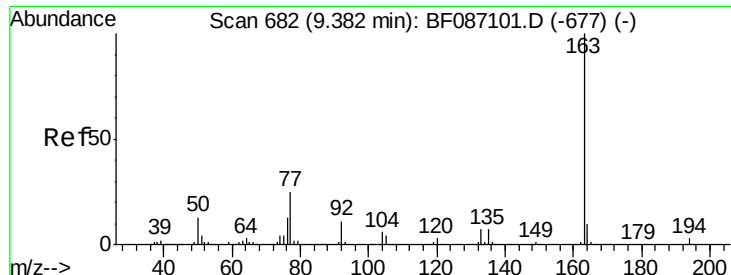
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#48
 Acenaphthylene
 Concen: 37.88 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.5	10.9	16.3





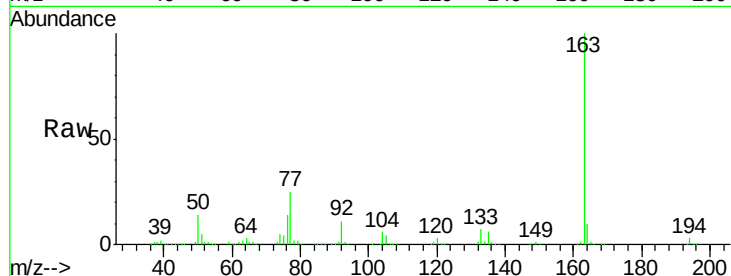
#49
Dimethylphthalate
Concen: 38.91 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

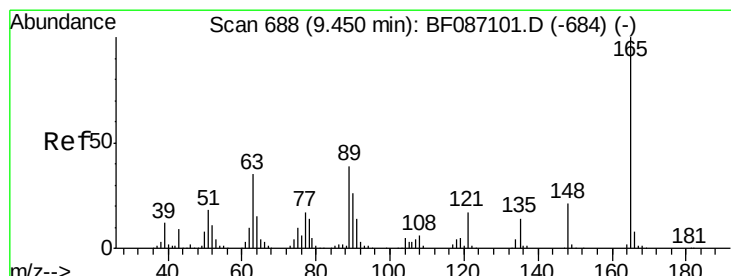
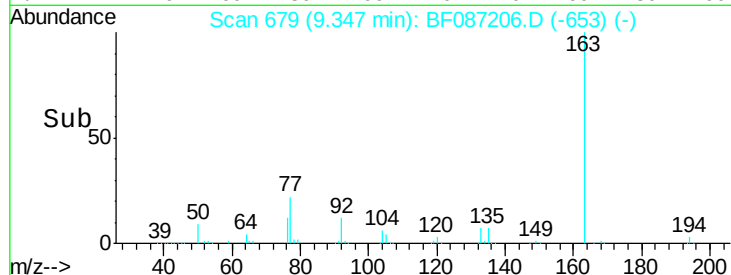
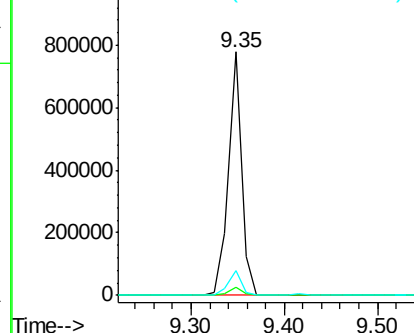
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.2	12.4

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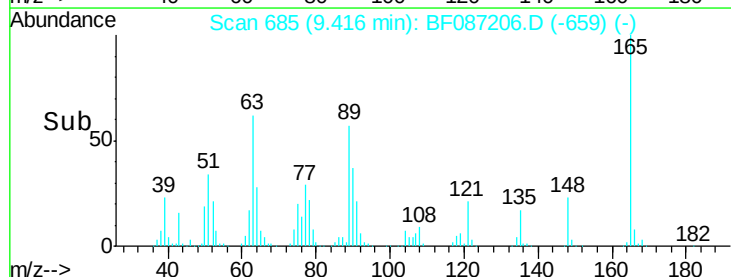
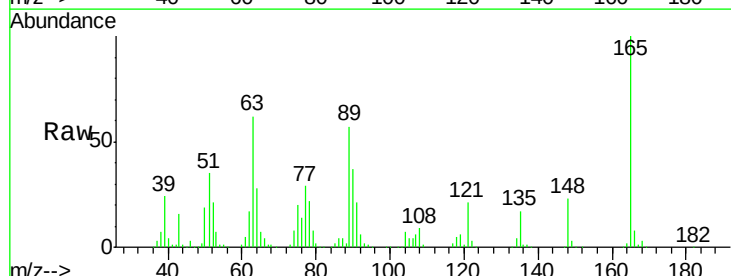
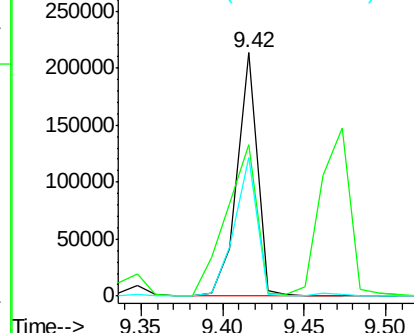
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

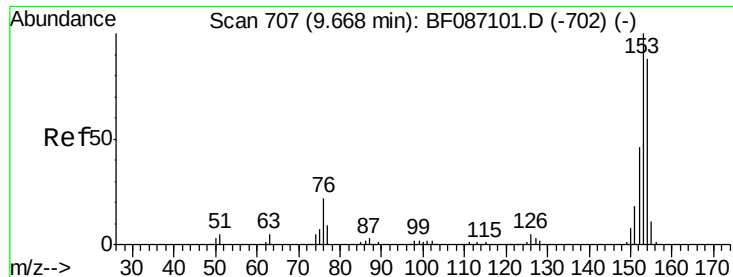


#50
2,6-Dinitrotoluene
Concen: 42.42 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	62.4	51.8	77.8
89	57.0	50.7	76.1

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





#51

Acenaphthene

Concen: 37.84 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

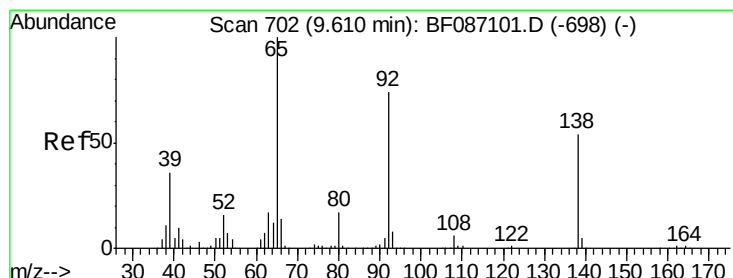
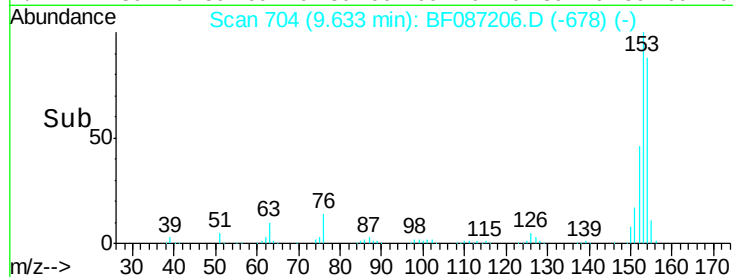
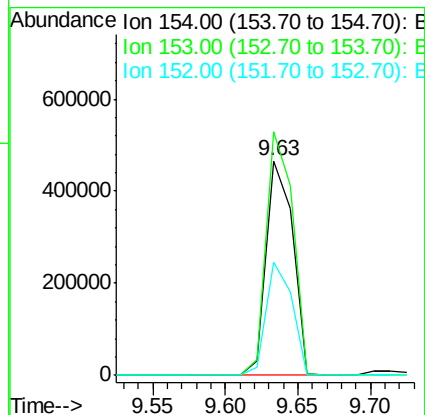
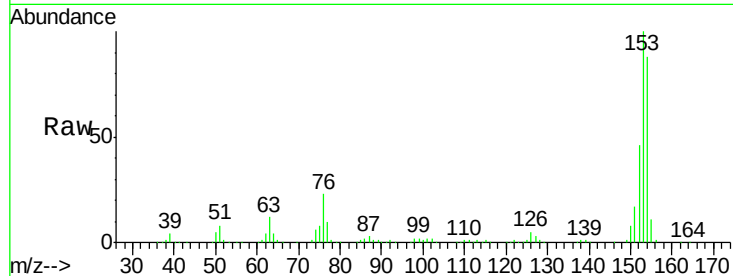
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	593909
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.8	134.6
152	52.5	43.4	65.0

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#52

3-Nitroaniline

Concen: 42.38 ng

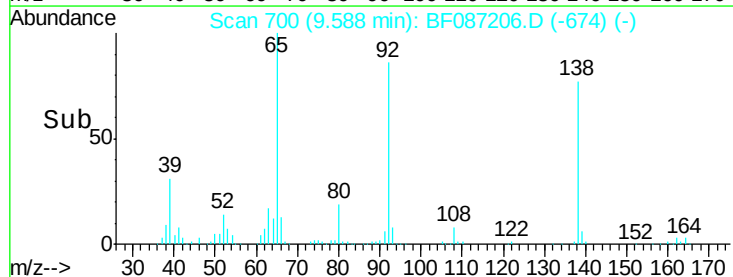
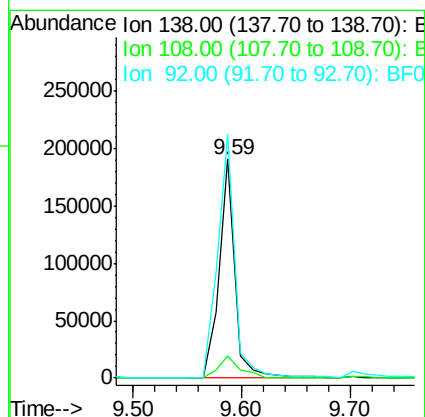
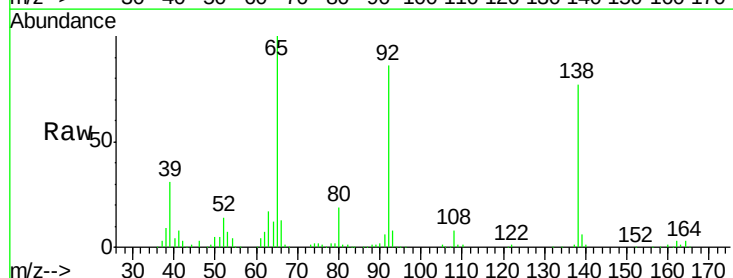
RT: 9.59 min Scan# 700

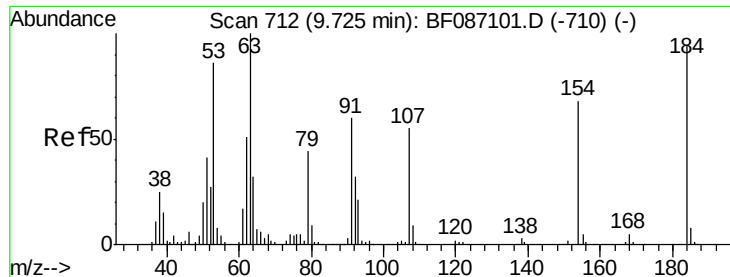
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	138	Resp:	196435
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.8	11.6
92	111.3	87.8	131.8





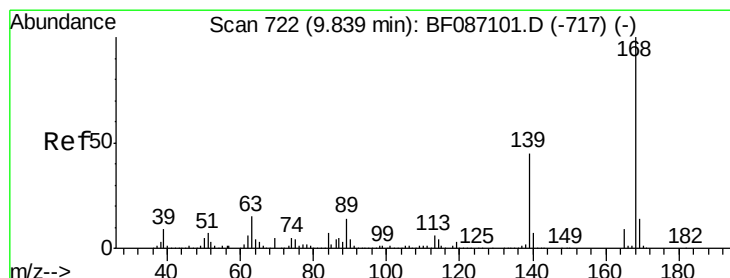
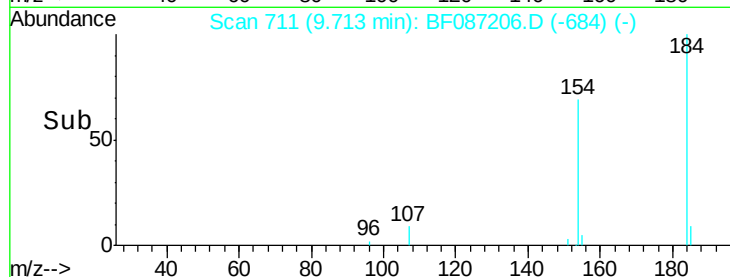
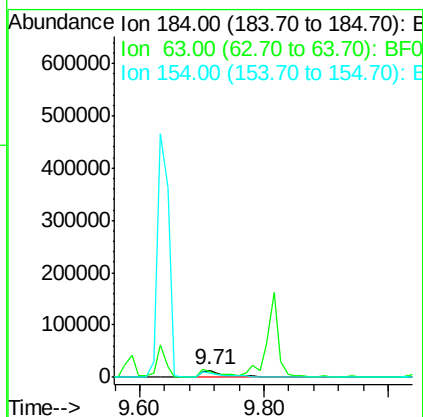
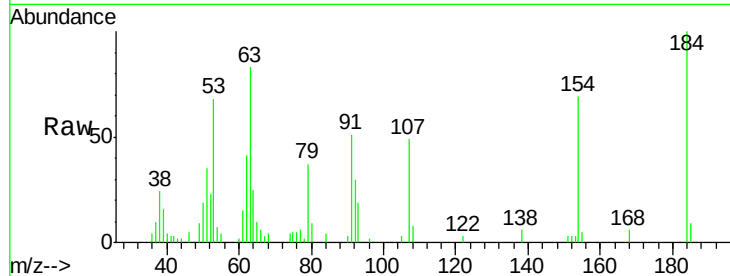
#53
2,4-Dinitrophenol
Concen: 19.66 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	38903		
63	83.0	55.8	83.8	
154	69.1	62.4	93.6	

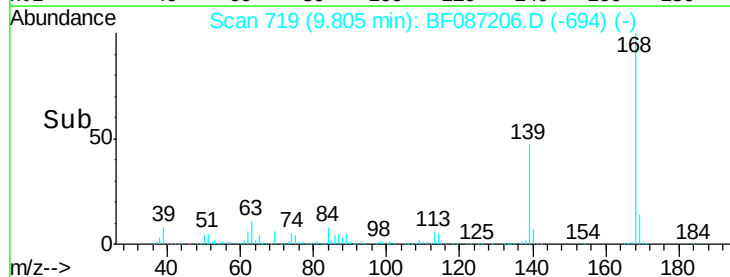
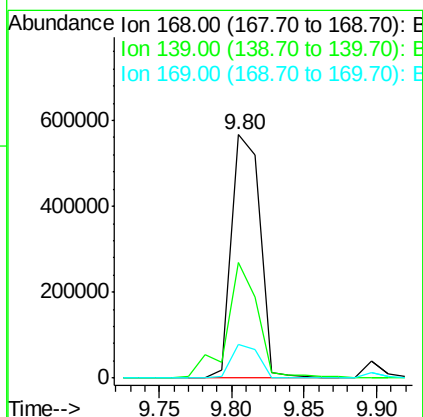
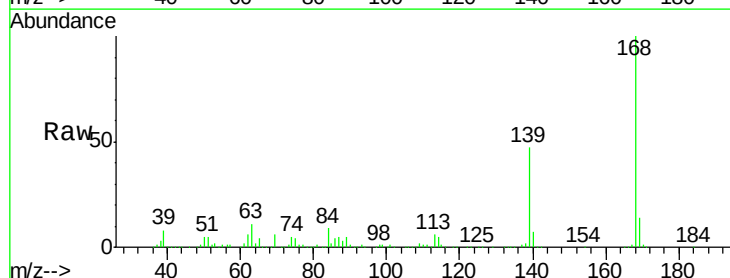
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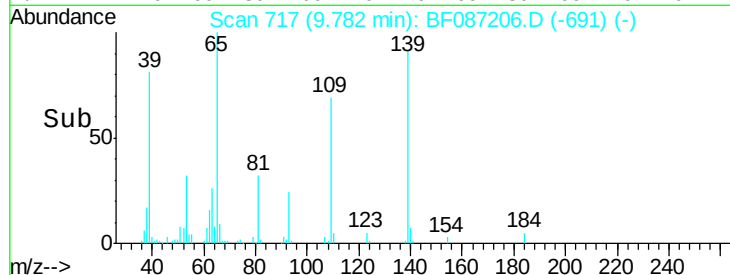
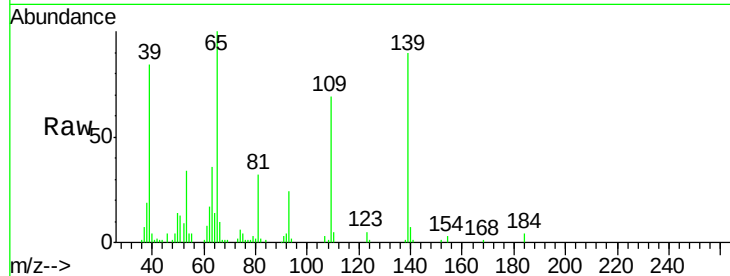
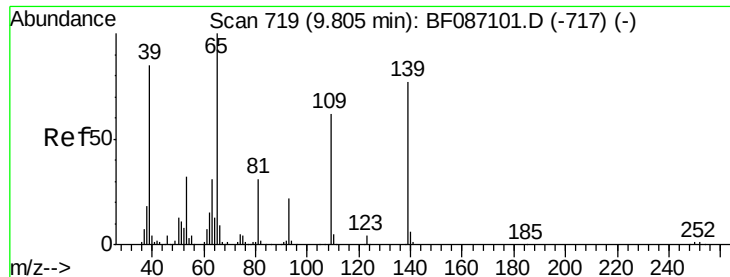
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#54
Dibenzofuran
Concen: 38.20 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	775417		
139	47.3	31.4	47.0#	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 32.66 ng m

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF087206.D

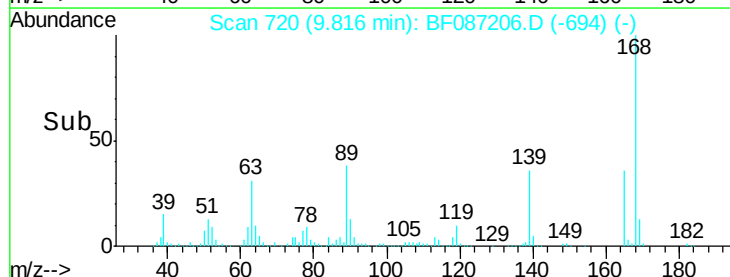
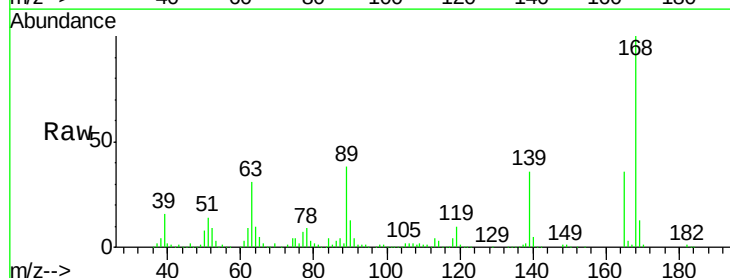
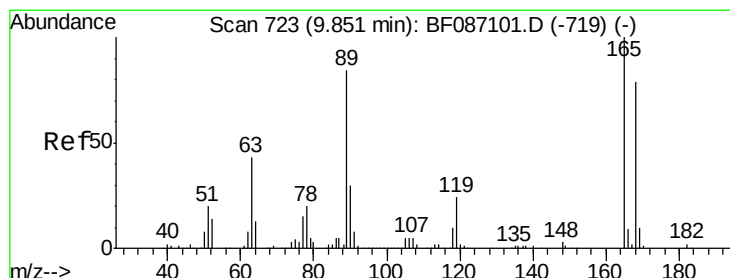
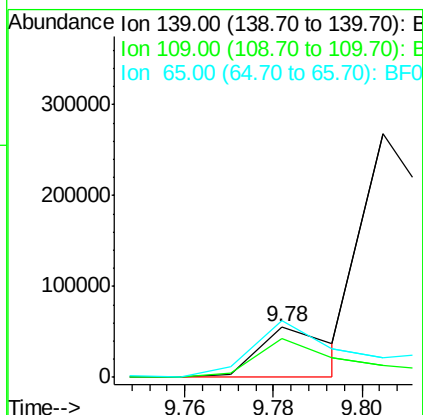
Acq: 20 May 2016 2:17

Tgt Ion:	139	Resp:	65786
Ion Ratio	Lower	Upper	
139	100		
109	76.1	36.9	76.9
65	111.1	64.0	104.0#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#56

2,4-Dinitrotoluene

Concen: 35.57 ng

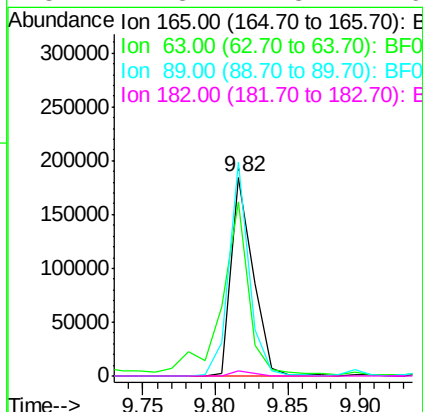
RT: 9.82 min Scan# 720

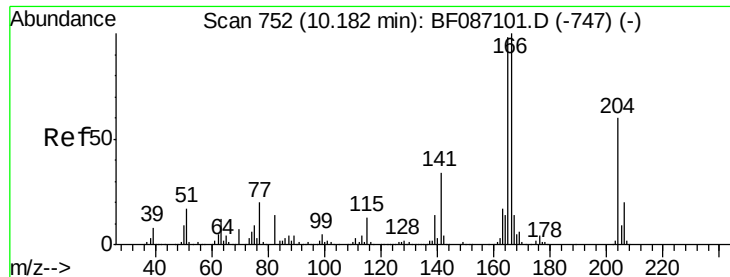
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	165	Resp:	195026
Ion Ratio	Lower	Upper	
165	100		
63	87.6	44.3	66.5#
89	107.5	70.0	105.0#
182	2.3	1.8	2.6





#57

Fluorene

Concen: 36.16 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

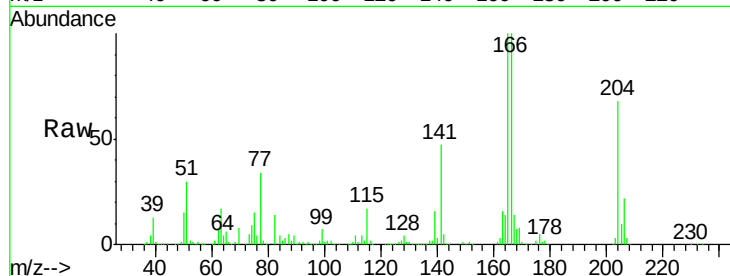
ClientSampleId :

SSTDCCC040

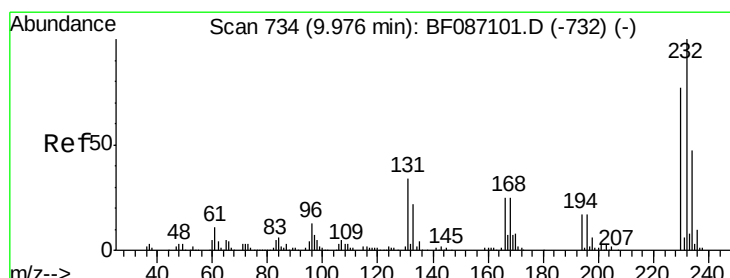
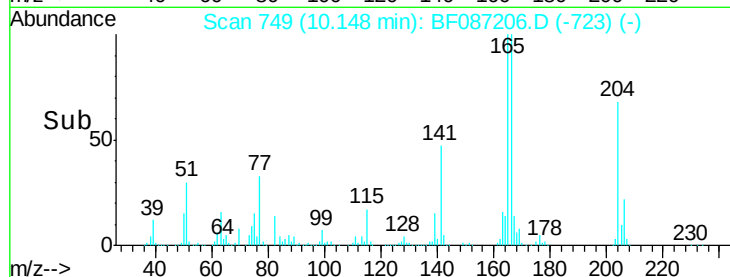
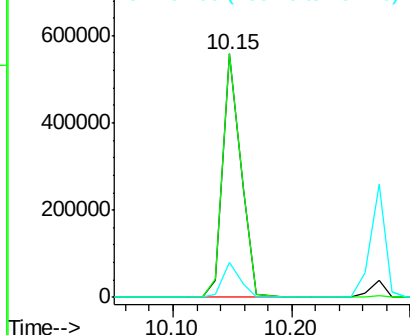
Tgt Ion:	166	Resp:	589669
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.0	118.6
167	14.4	10.6	15.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.33 ng

RT: 9.94 min Scan# 731

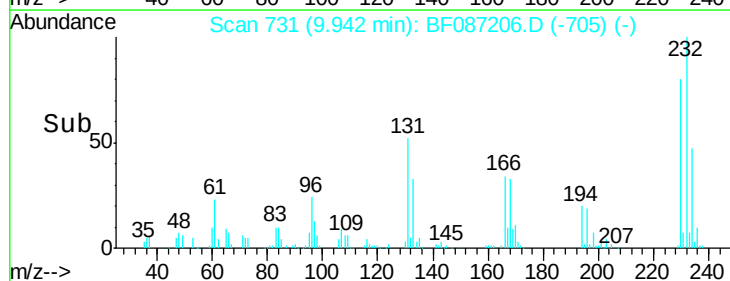
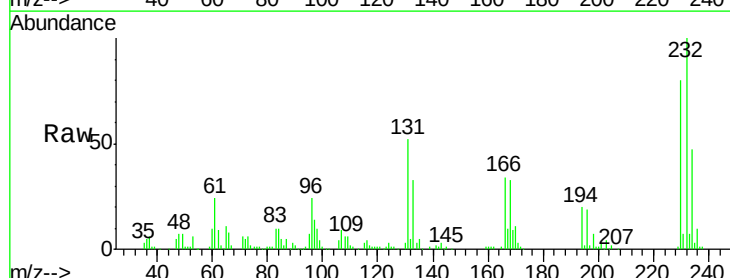
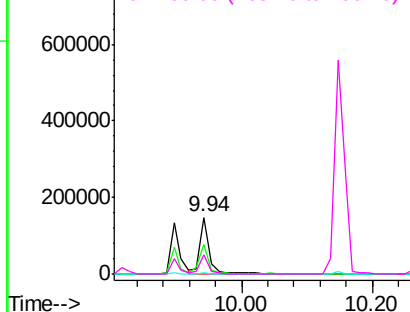
Delta R.T. -0.00 min

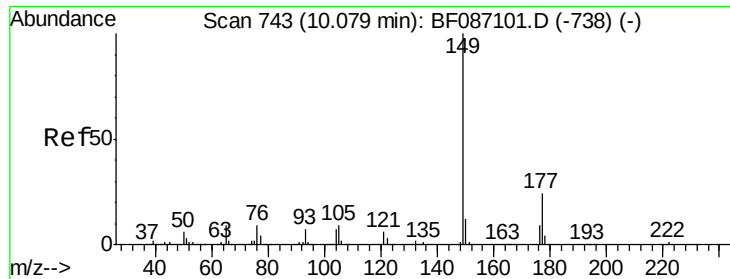
Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	232	Resp:	147885
Ion Ratio	Lower	Upper	
232	100		
131	51.4	41.9	62.9
130	2.5	2.2	3.4
166	31.1	26.8	40.2

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





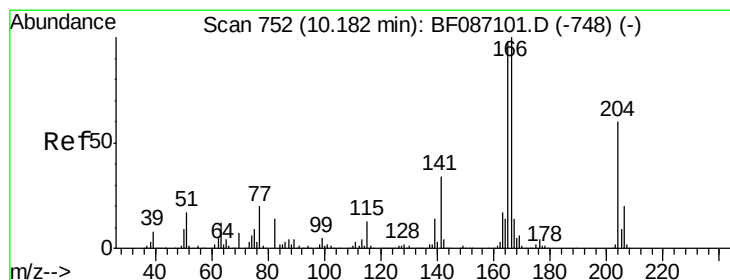
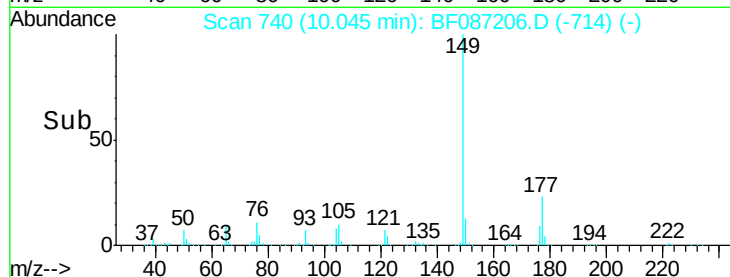
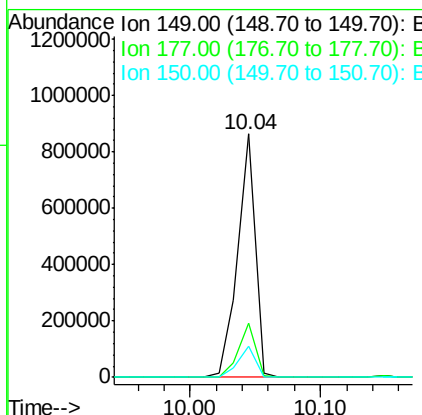
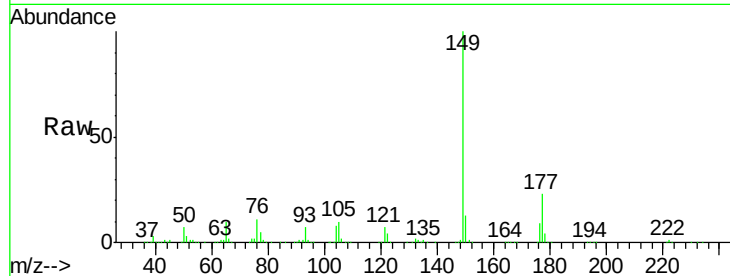
#59
Diethylphthalate
Concen: 42.70 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	803835		
177	22.5	16.6	24.8	
150	12.6	10.0	15.0	

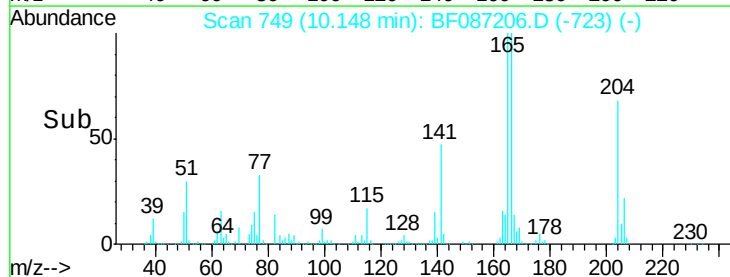
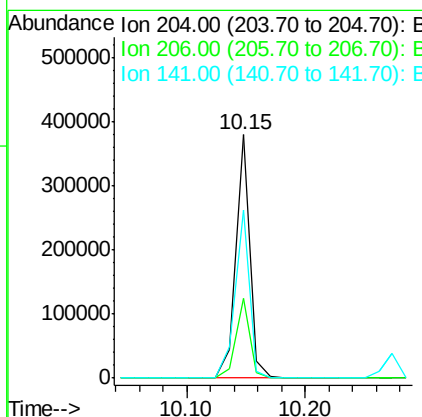
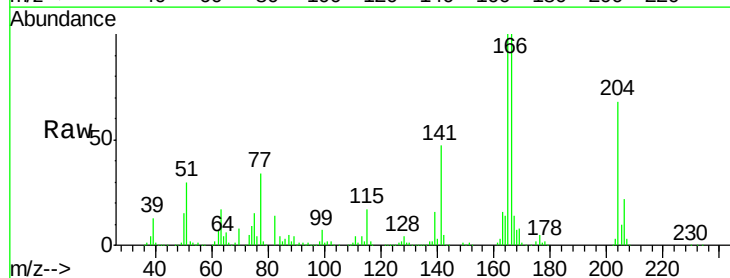
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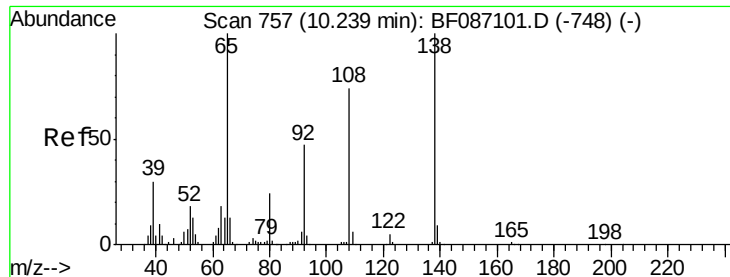
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#60
4-Chlorophenyl-phenylether
Concen: 40.56 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313579		
206	32.7	25.4	38.0	
141	69.2	61.6	92.4	





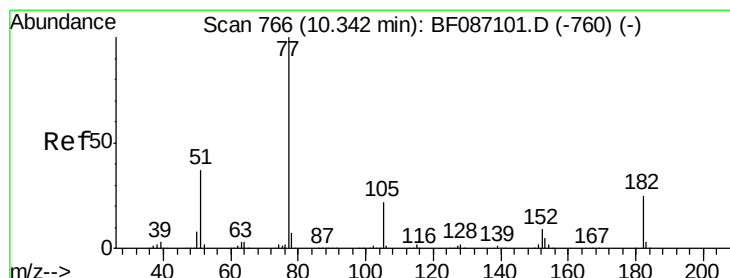
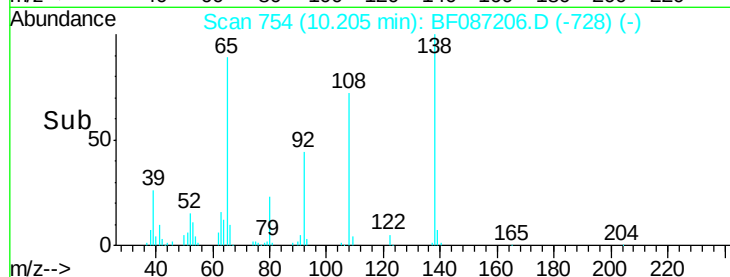
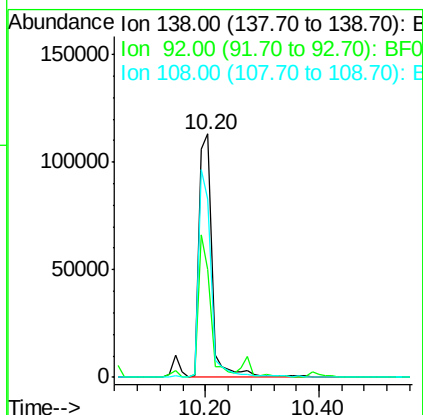
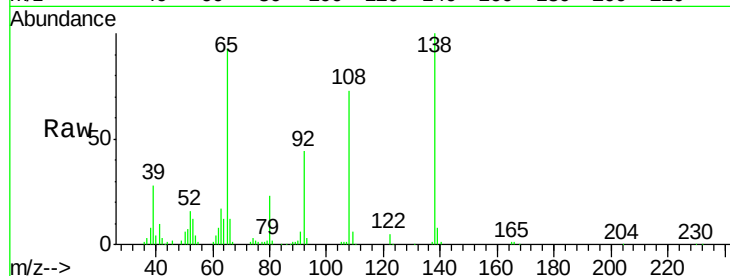
#61
4-Nitroaniline
Concen: 38.26 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.7	64.7
108	73.4	37.4	77.4

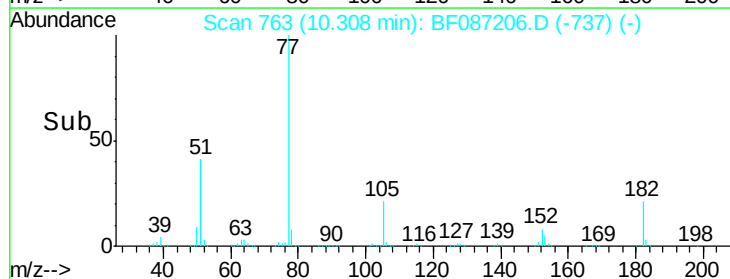
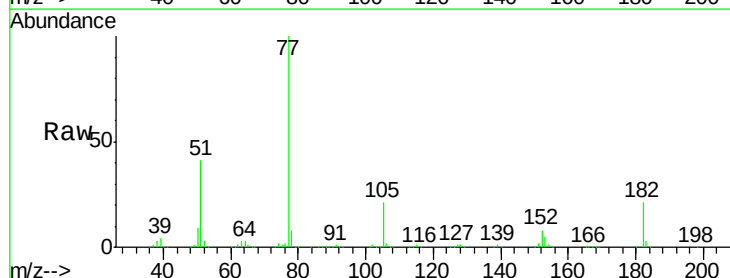
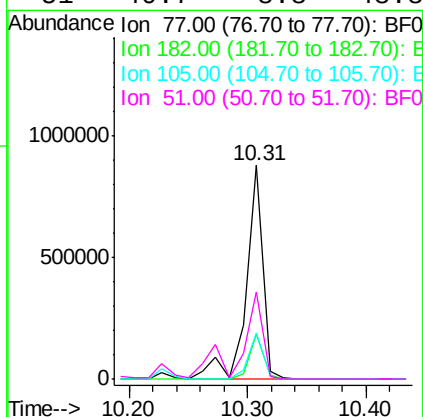
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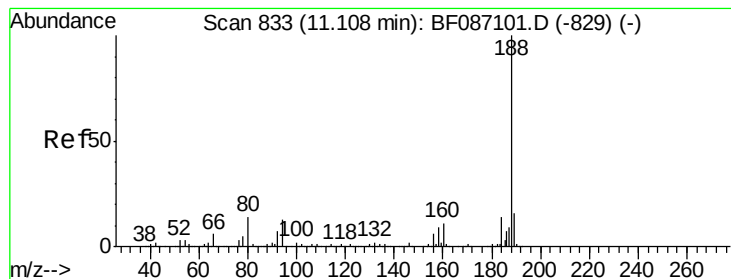
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#62
Azobenzene
Concen: 39.80 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	0.0	38.8
105	21.3	3.2	43.2
51	40.7	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

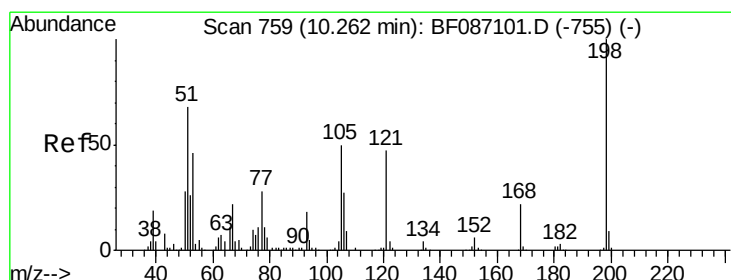
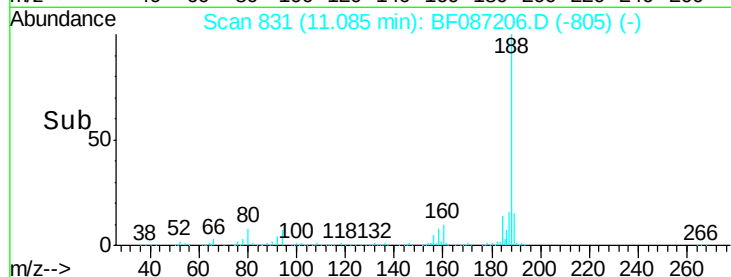
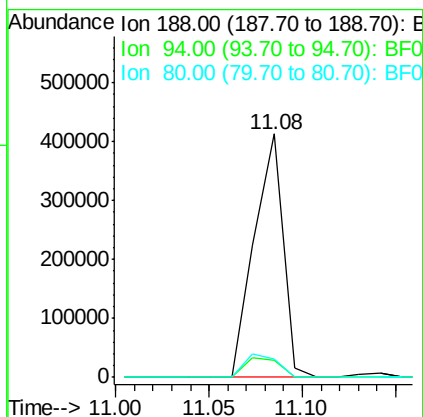
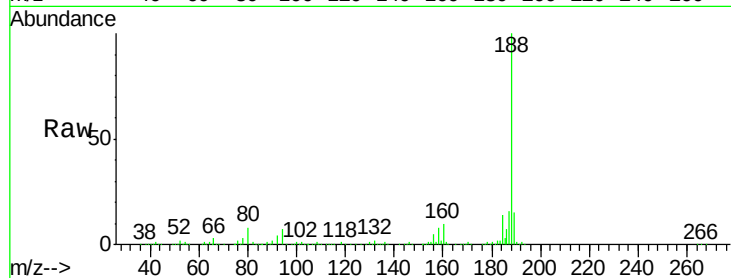
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	451138
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.8	10.2
80	7.7	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 25.26 ng

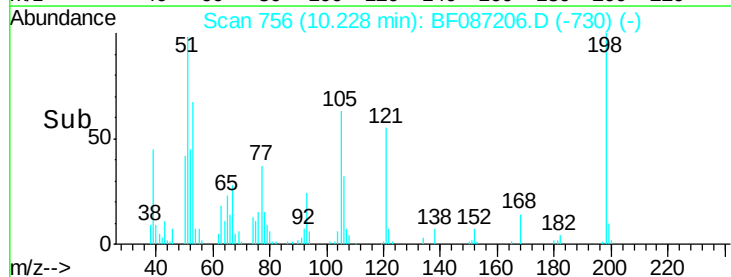
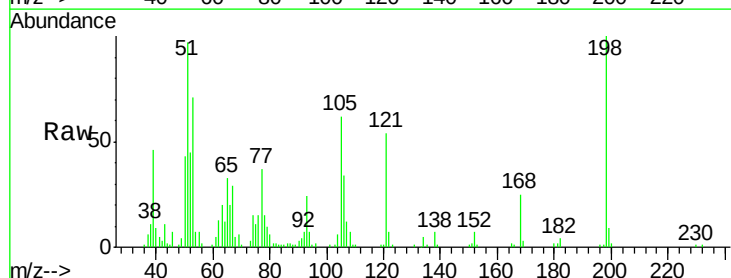
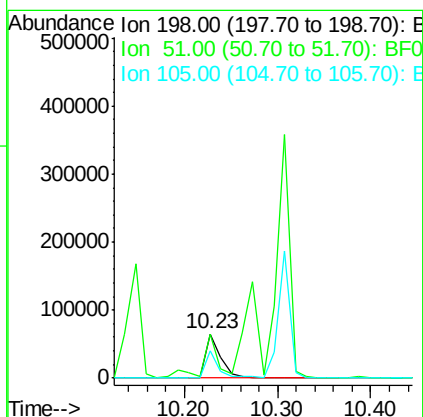
RT: 10.23 min Scan# 756

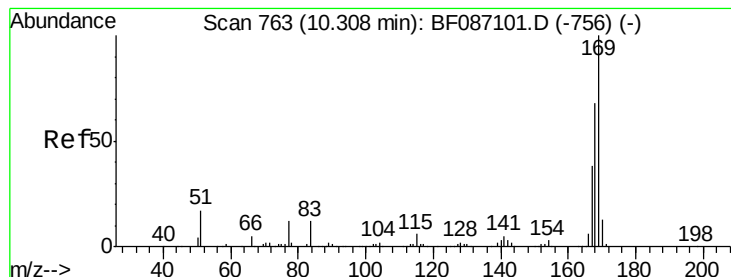
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	198	Resp:	75055
Ion Ratio	Lower	Upper	
198	100		
51	97.4	20.5	60.5#
105	62.2	24.5	64.5





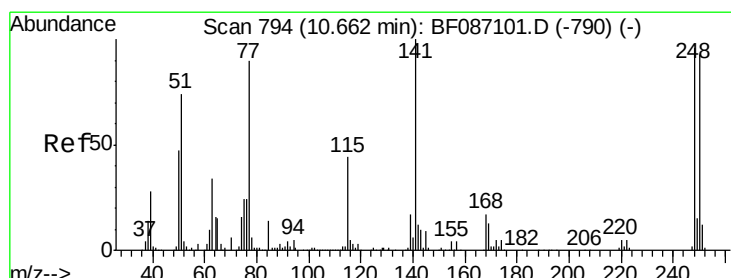
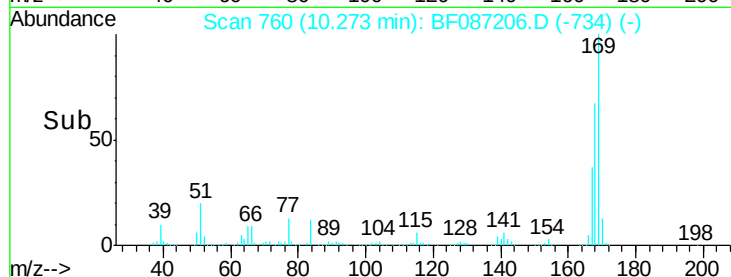
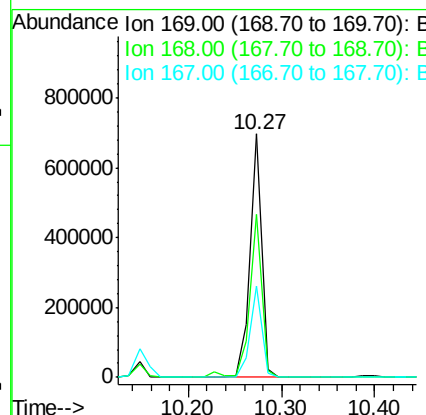
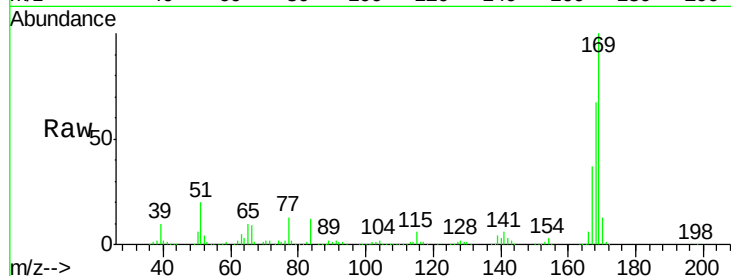
#65
 n-Nitrosodiphenylamine
 Concen: 42.93 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	609531		
168	66.9	53.8	80.6	
167	37.3	29.5	44.3	

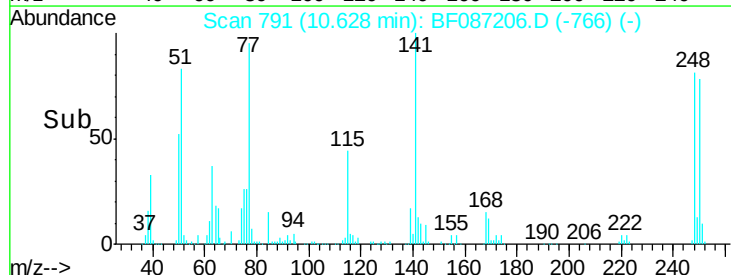
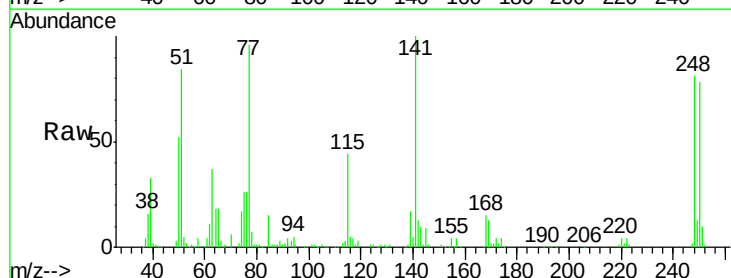
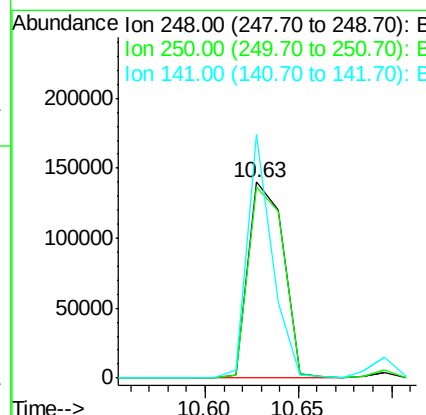
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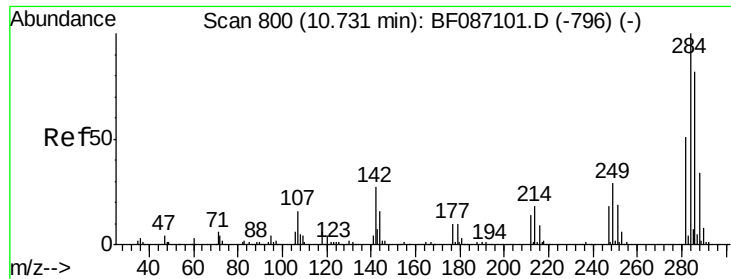
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#66
 4-Bromophenyl-phenylether
 Concen: 39.52 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183346		
250	97.4	78.6	117.8	
141	124.2	76.0	114.0	





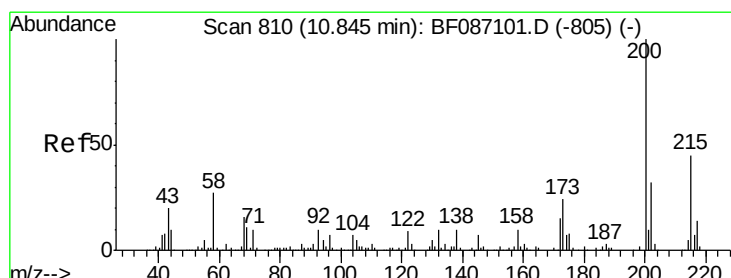
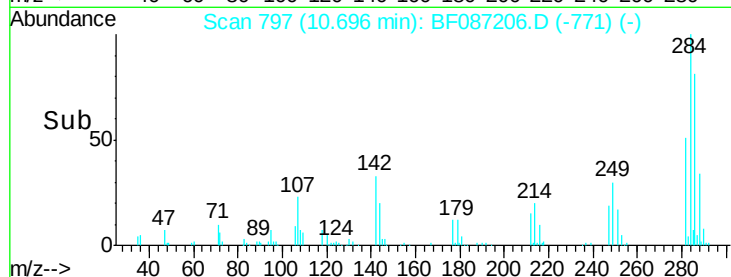
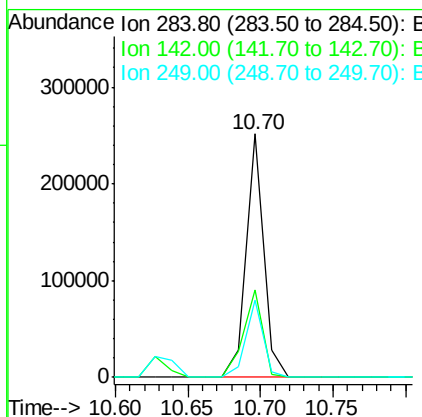
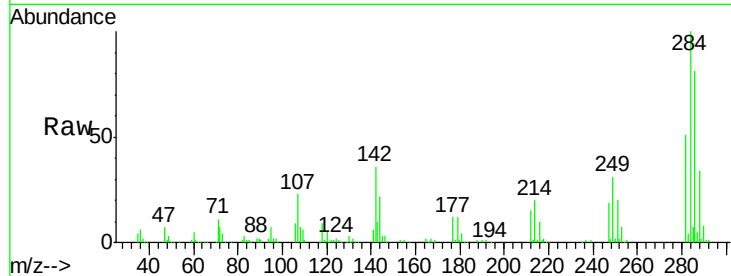
#67
Hexachlorobenzene
Concen: 39.47 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	36.1	16.7	25.1#
249	31.5	21.3	31.9

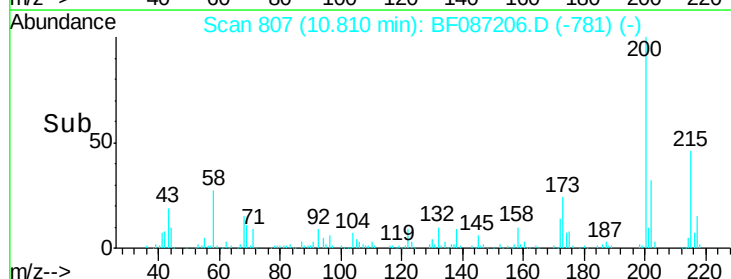
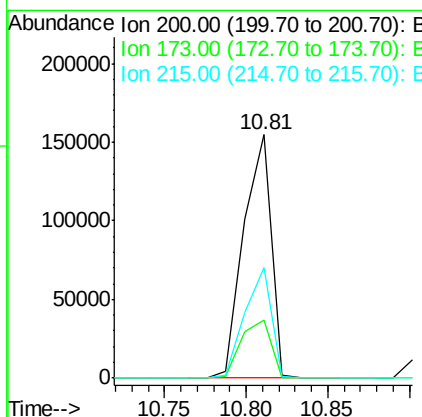
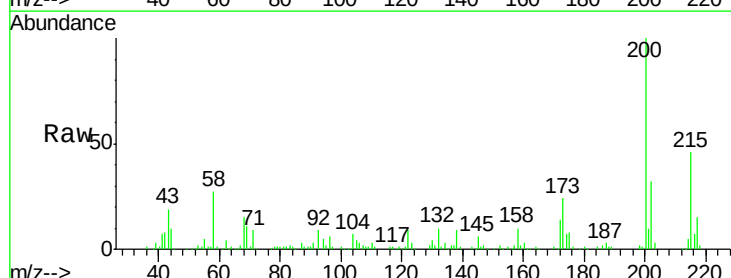
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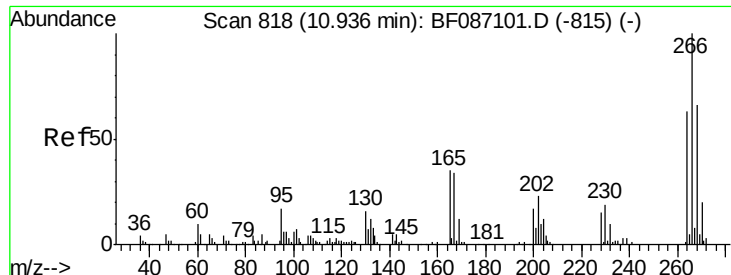
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#68
Atrazine
Concen: 38.99 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.7	8.5	48.5
215	45.5	27.2	67.2





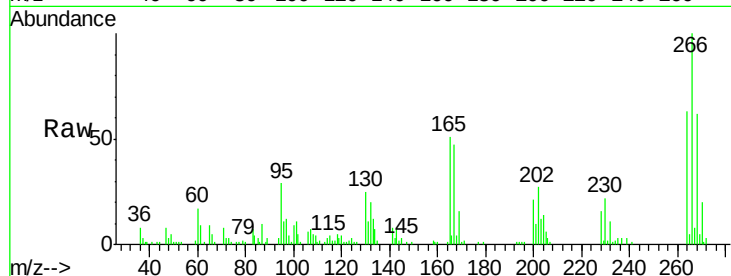
#69
 Pentachlorophenol
 Concen: 37.04 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

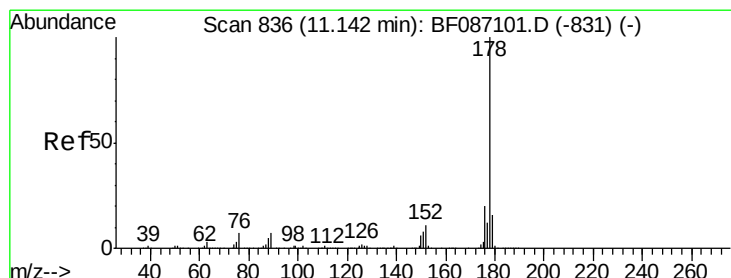
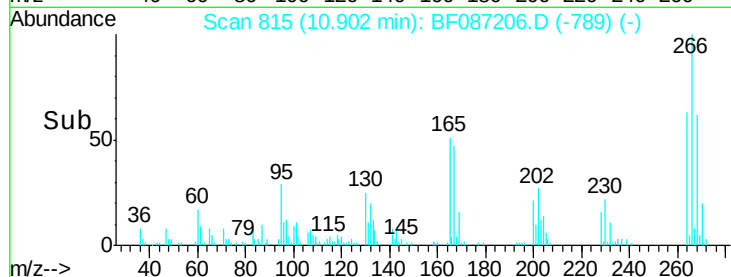
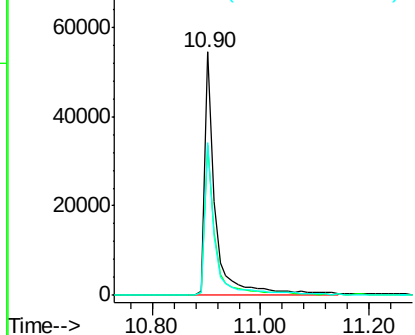
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	74834		
268	61.6	51.5	77.3	
264	62.8	52.9	79.3	

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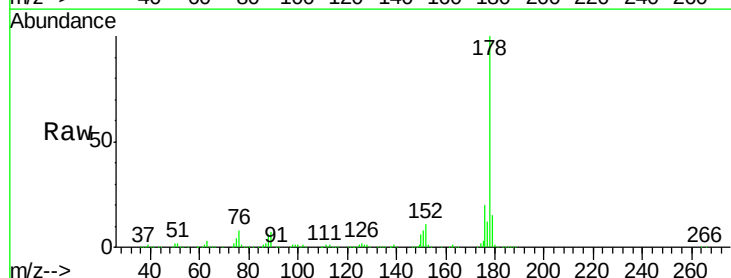


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

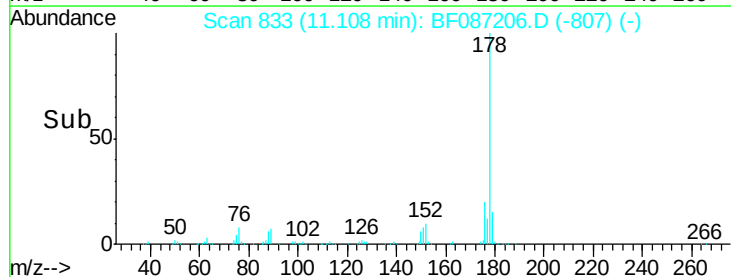
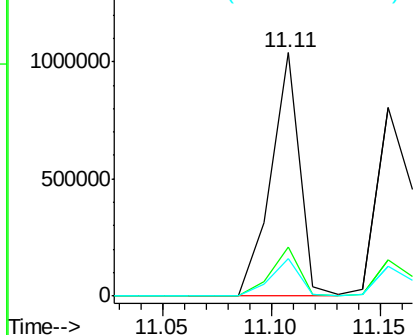


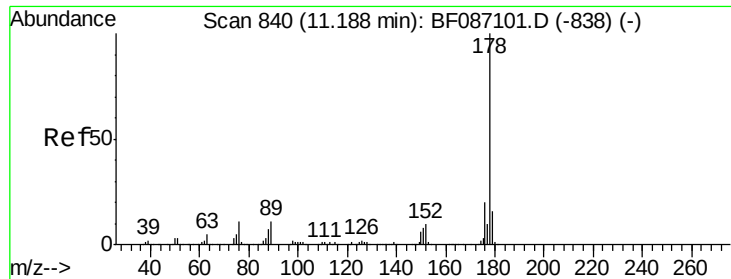
#70
 Phenanthrene
 Concen: 39.35 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	962784		
176	20.0	16.0	24.0	
179	15.5	12.6	18.8	



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





#71

Anthracene

Concen: 37.07 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

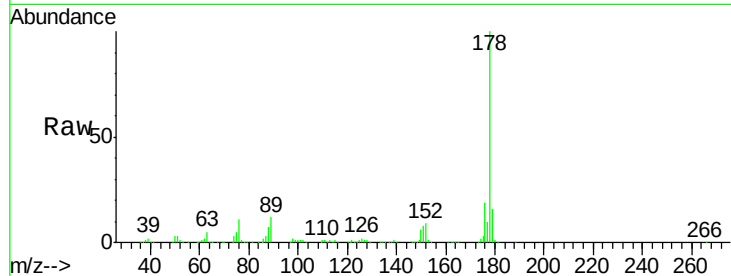
ClientSampleId :

SSTDCCC040

Tgt Ion:	178	Resp:	917330
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.6	23.4
179	16.1	12.7	19.1

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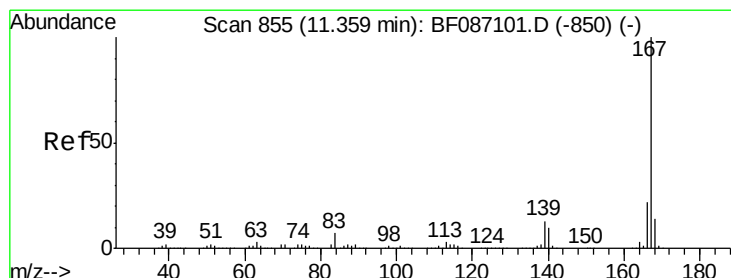
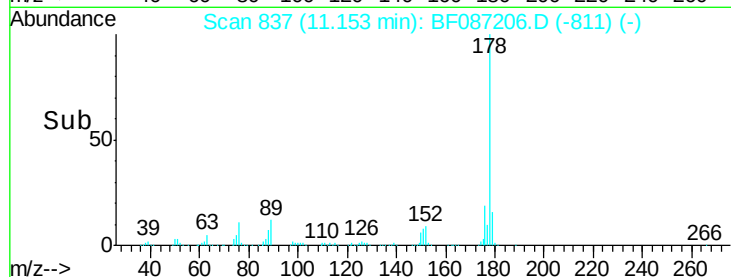
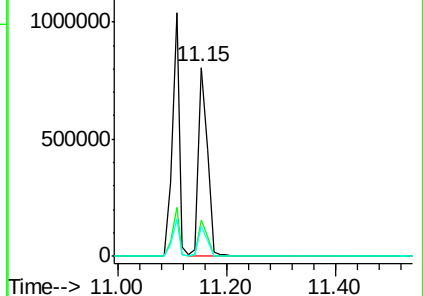
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.47 ng

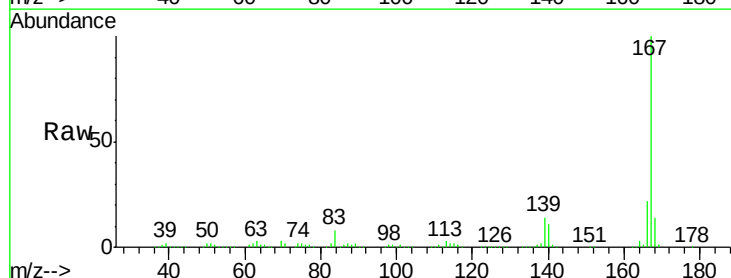
RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

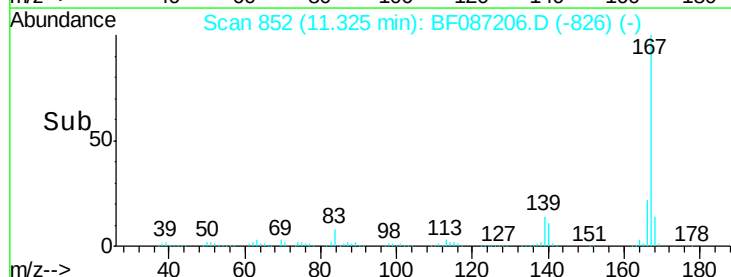
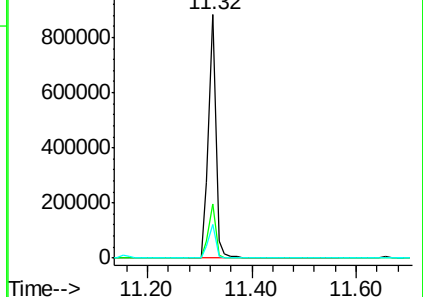
Tgt Ion:	167	Resp:	869715
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.7	26.5
139	13.8	10.8	16.2

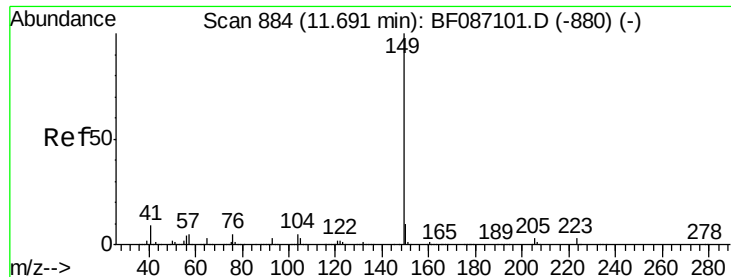


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.23 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

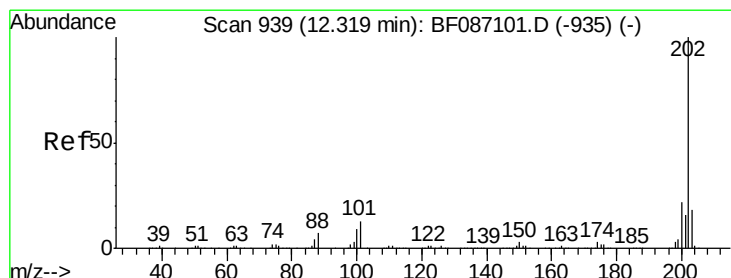
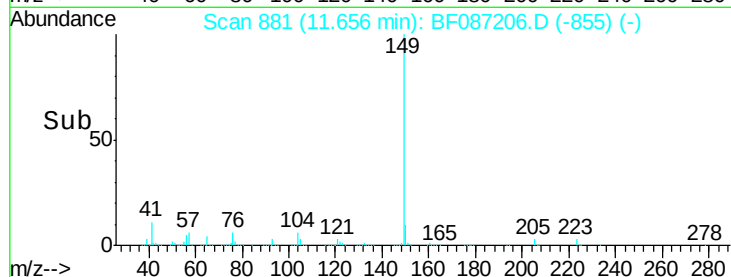
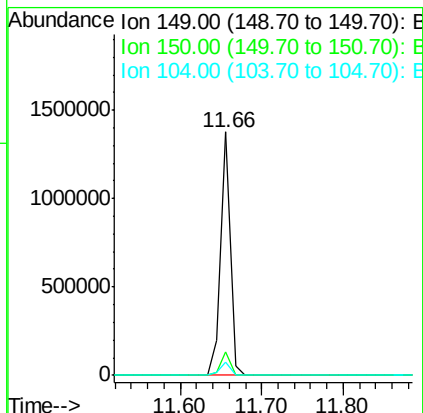
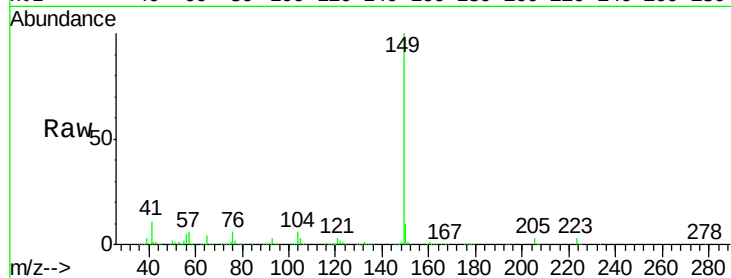
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.7	3.8	5.6



#74

Fluoranthene

Concen: 34.92 ng

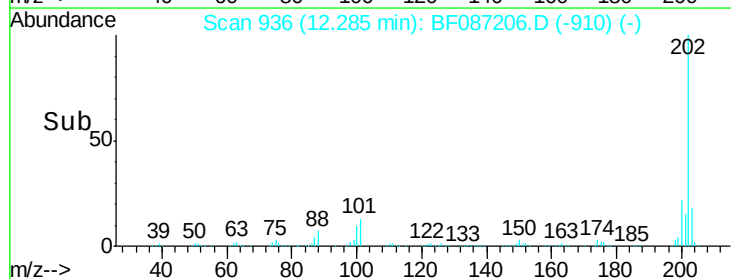
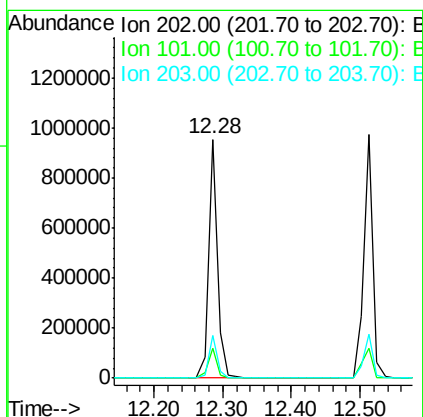
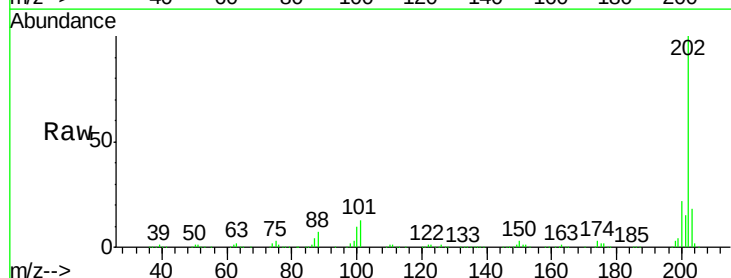
RT: 12.28 min Scan# 936

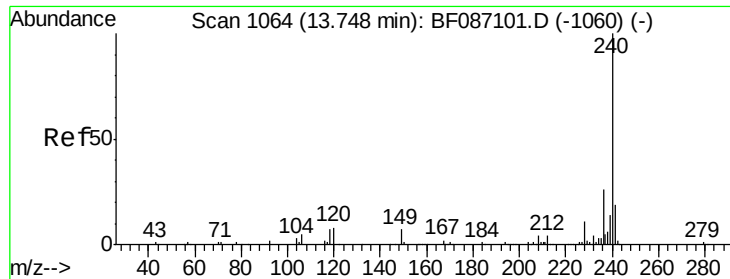
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

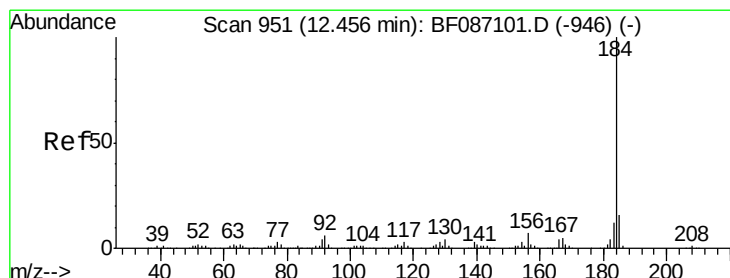
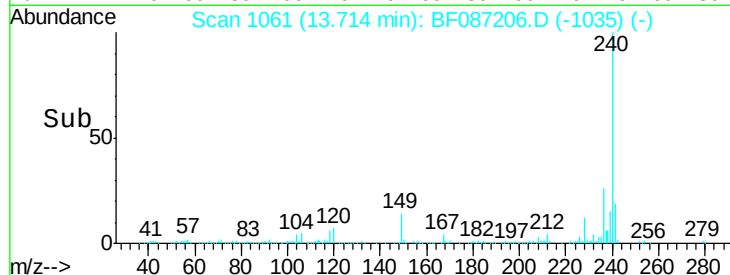
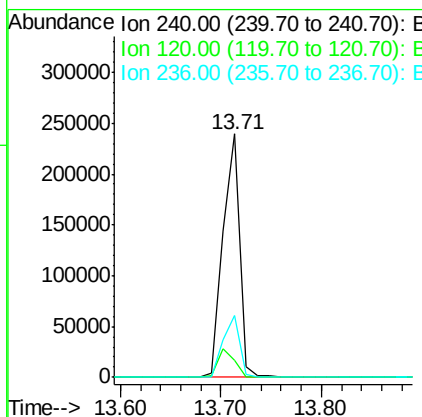
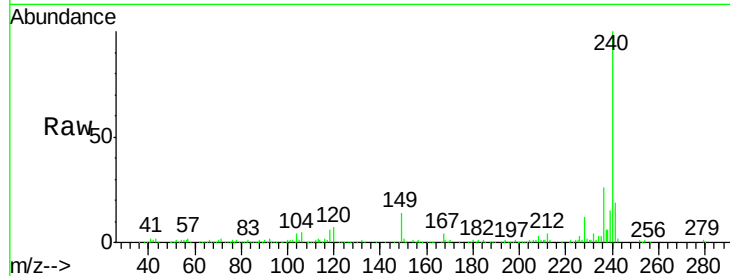
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	11.2	16.8#
236	25.6	21.2	31.8

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#76

Benzidine

Concen: 57.39 ng

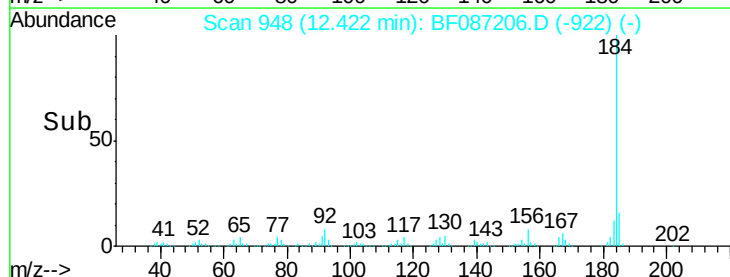
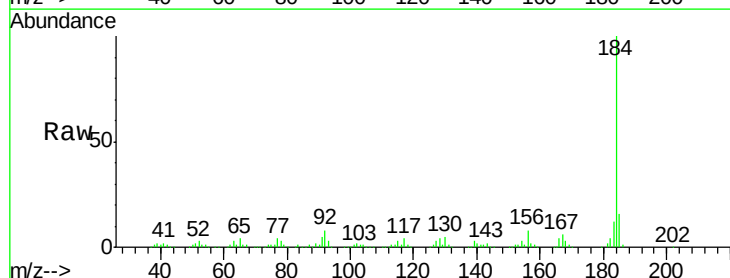
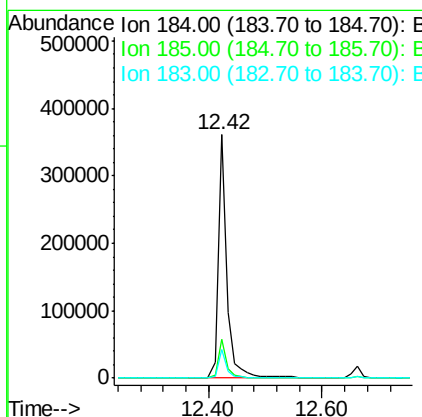
RT: 12.42 min Scan# 948

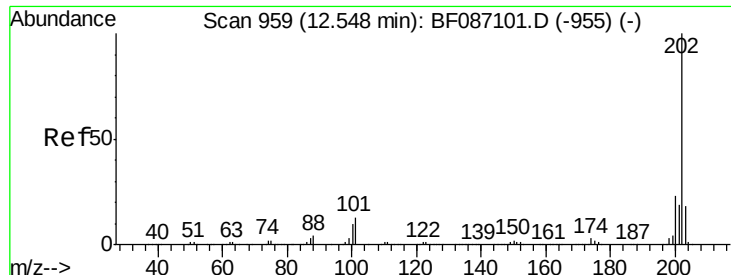
Delta R.T. -0.00 min

Lab File: BF087206.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.6	20.4
183	11.9	9.8	14.6





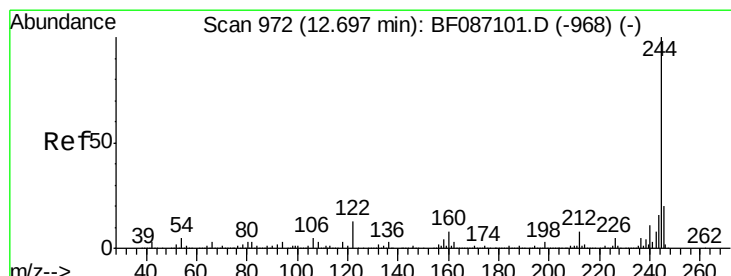
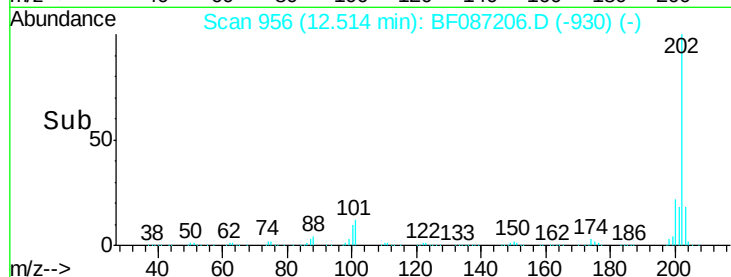
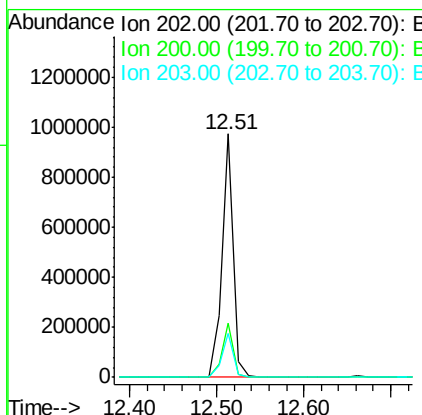
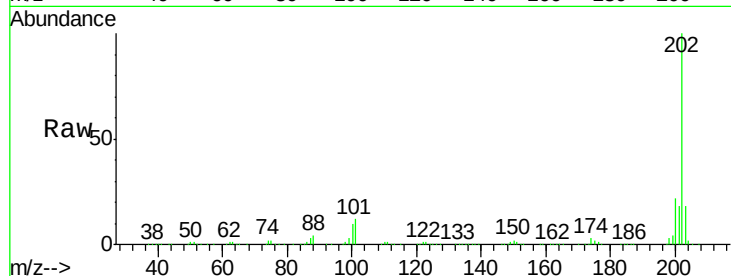
#77
 Pyrene
 Concen: 44.49 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	889693		
200	22.2		17.7	26.5
203	17.9		14.2	21.4

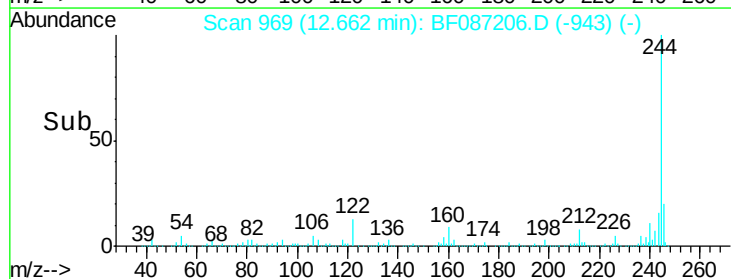
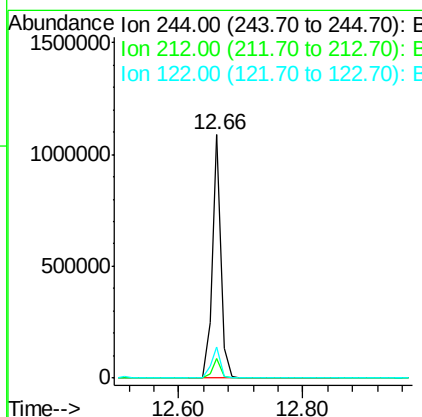
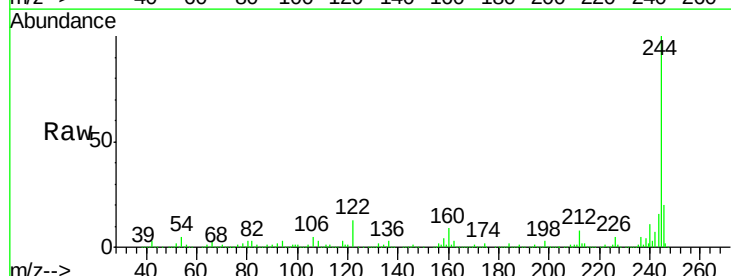
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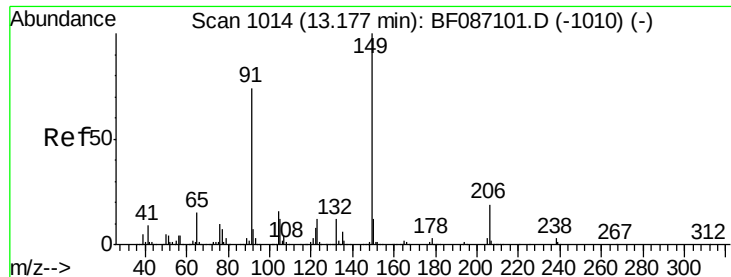
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#78
 Terphenyl-d14
 Concen: 83.52 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1022141		
212	7.9		6.2	9.2
122	12.9		12.0	18.0





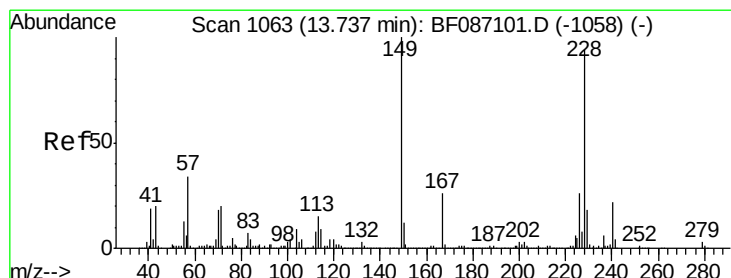
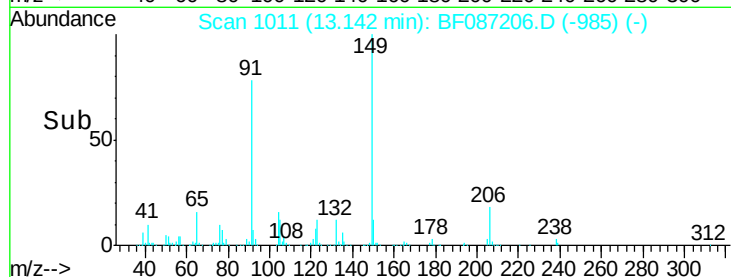
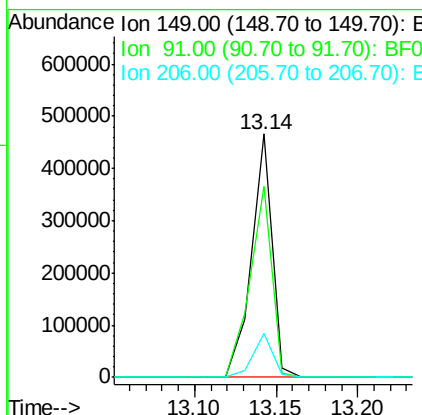
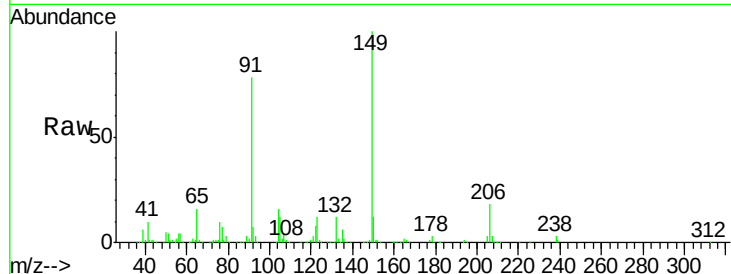
#79
Butylbenzylphthalate
Concen: 48.48 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	409318		
91	78.5	48.0	72.0#	
206	18.0	15.8	23.6	

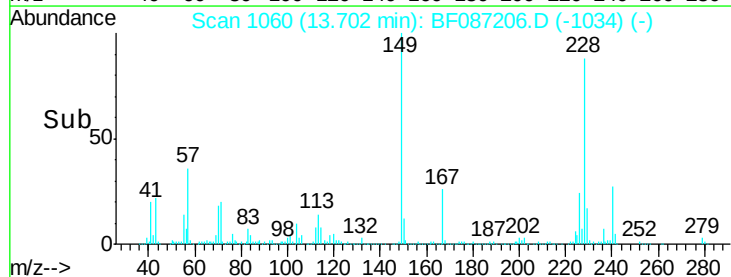
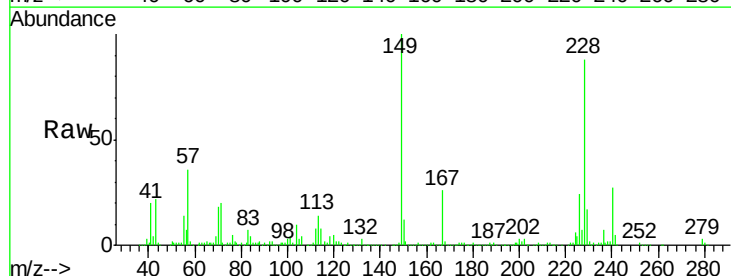
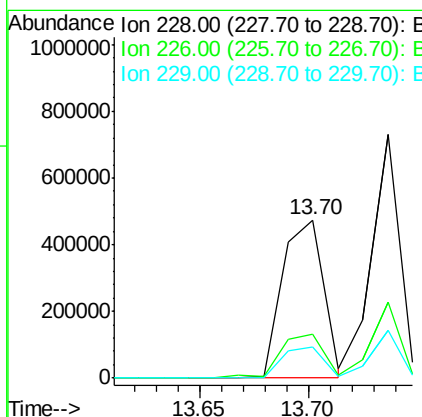
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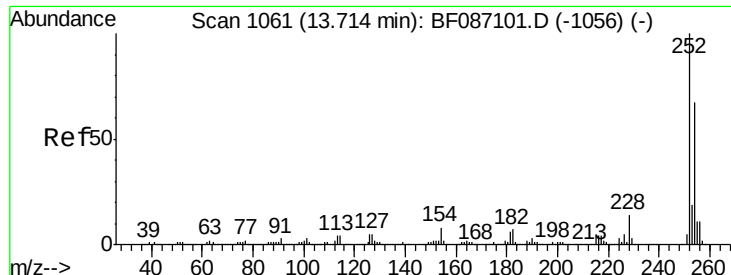
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#80
Benzo(a)anthracene
Concen: 39.53 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	632670		
226	27.7	22.5	33.7	
229	19.6	16.6	25.0	





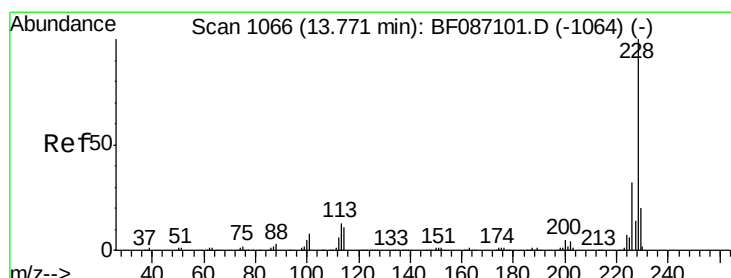
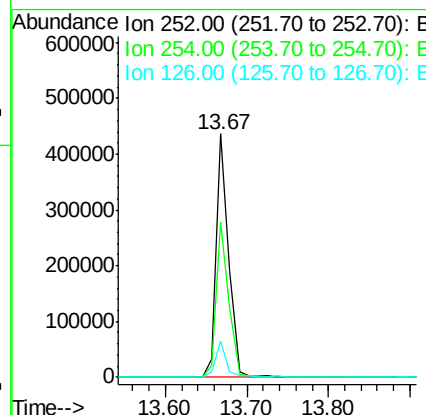
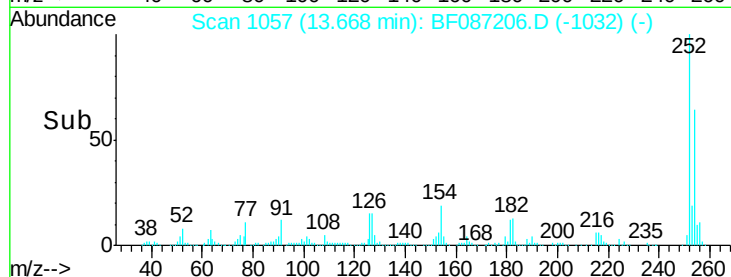
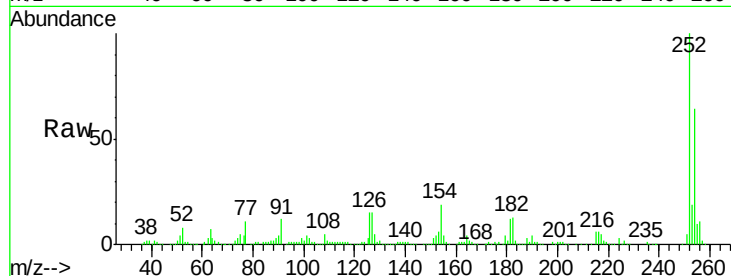
#81
 3,3'-Dichlorobenzidine
 Concen: 46.06 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.6	50.7	76.1
126	15.0	12.7	19.1

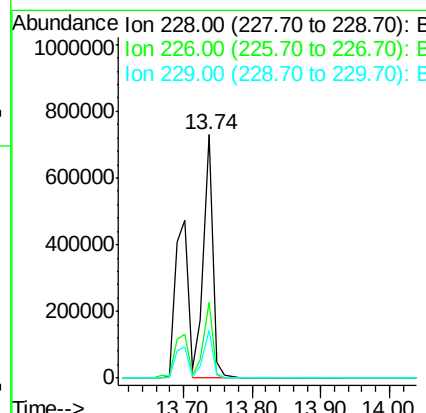
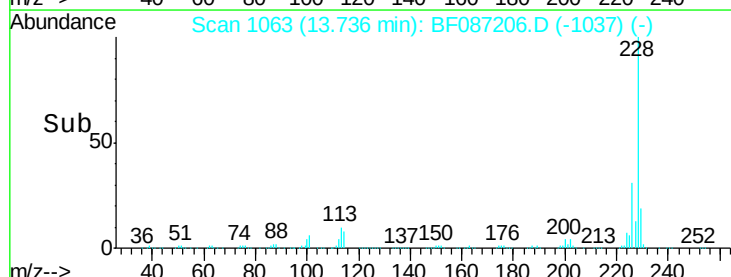
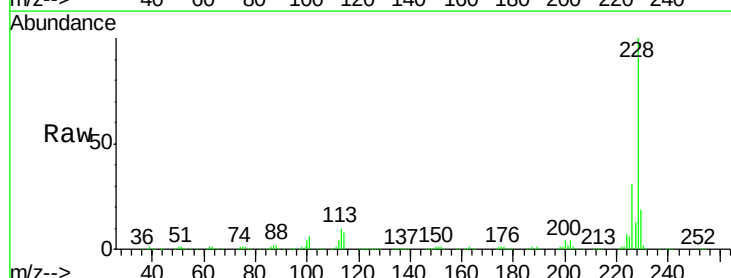
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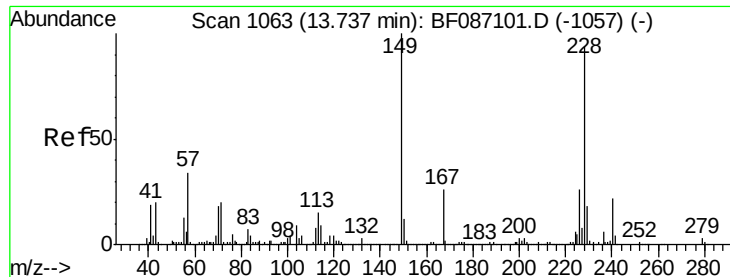
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#82
 Chrysene
 Concen: 43.12 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	24.4	36.6
229	19.5	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.41 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

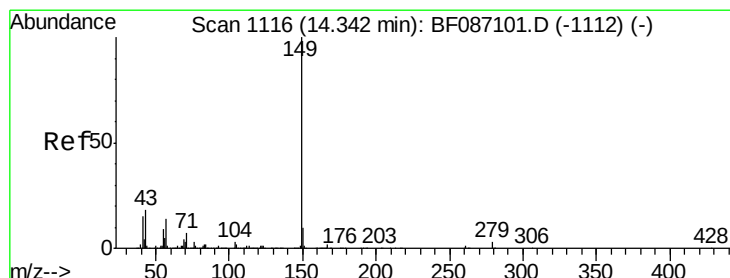
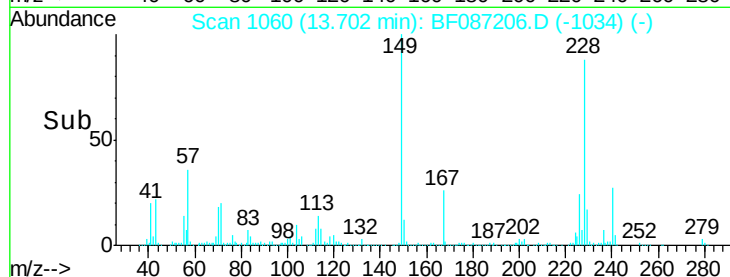
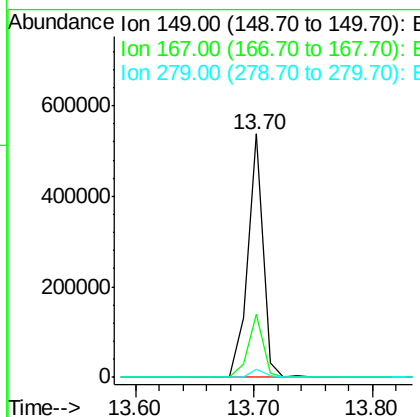
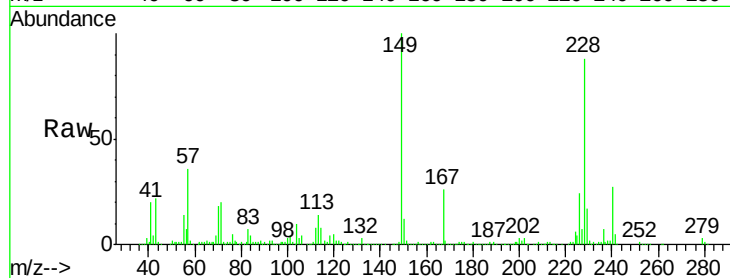
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	487093
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.8	32.6
279	3.1	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 42.80 ng

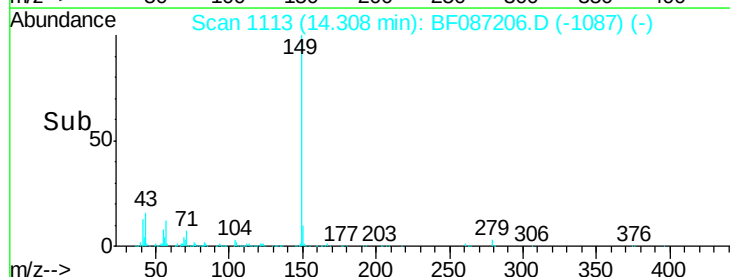
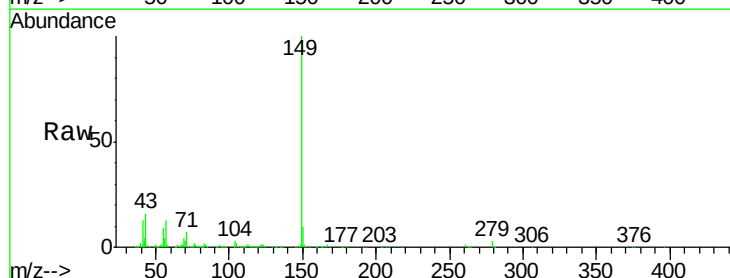
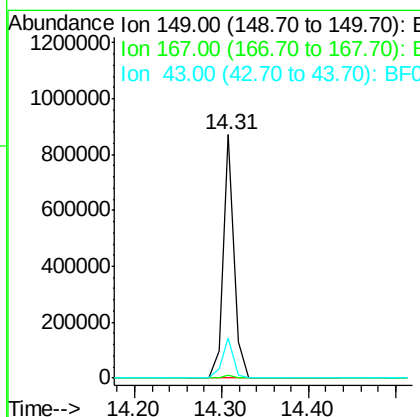
RT: 14.31 min Scan# 1113

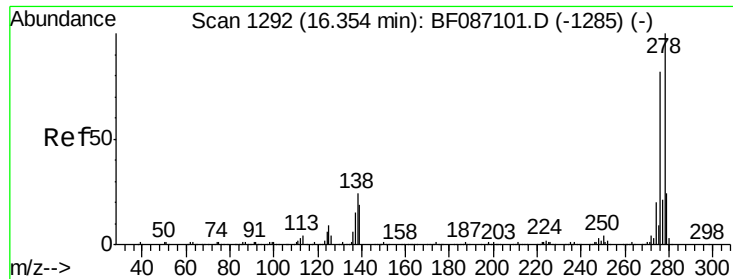
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	149	Resp:	757507
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	17.1	8.2	12.4#





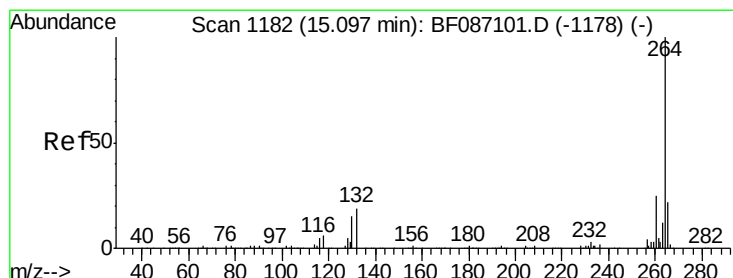
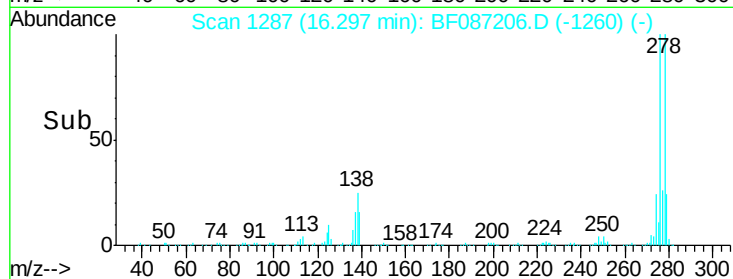
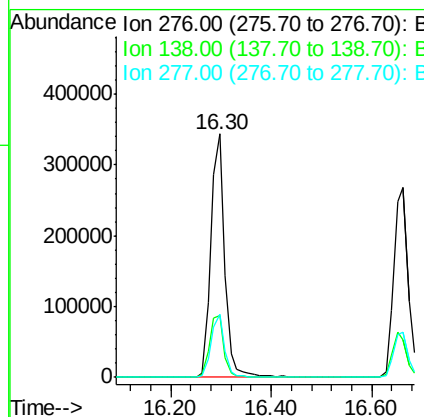
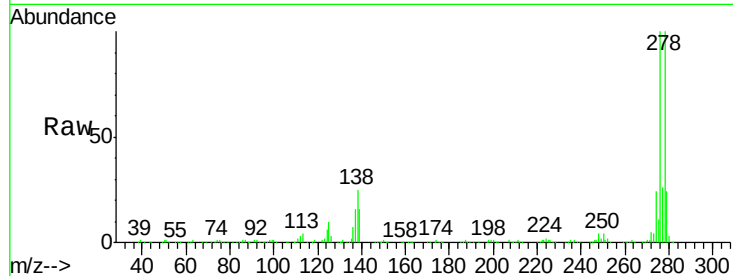
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.57 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	660297		
138	26.6	25.6	38.4	
277	25.3	20.5	30.7	

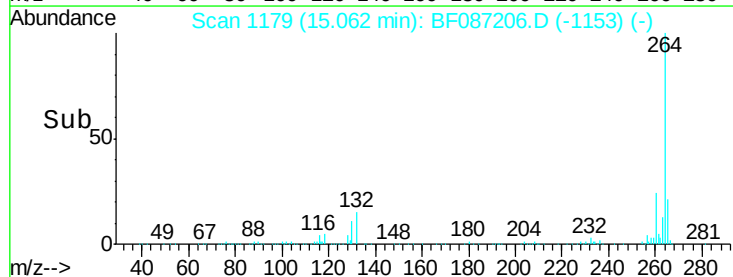
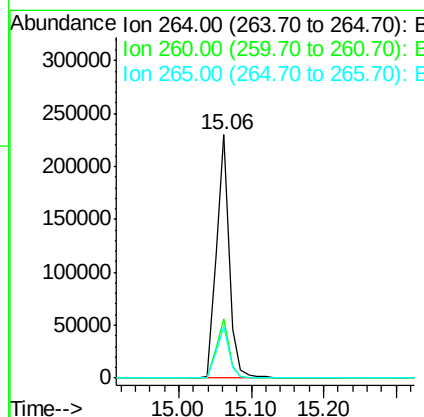
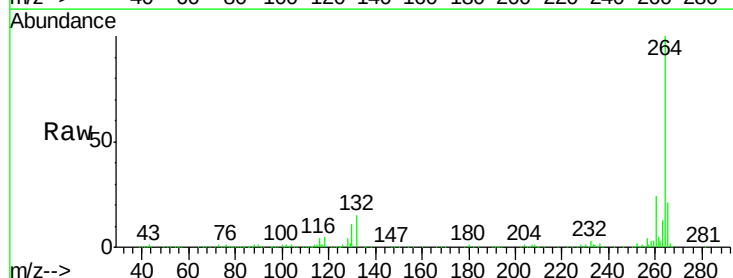
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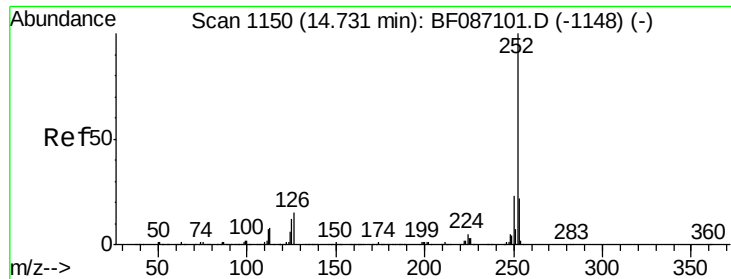
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	281742		
260	24.3	19.5	29.3	
265	21.4	17.3	25.9	





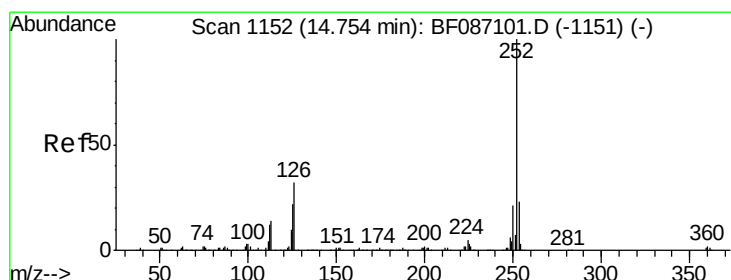
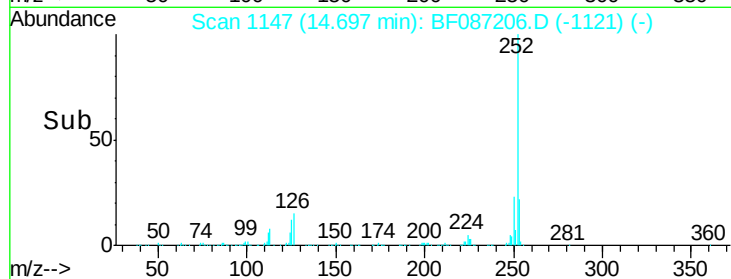
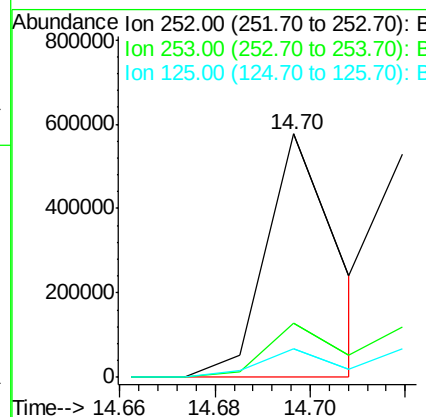
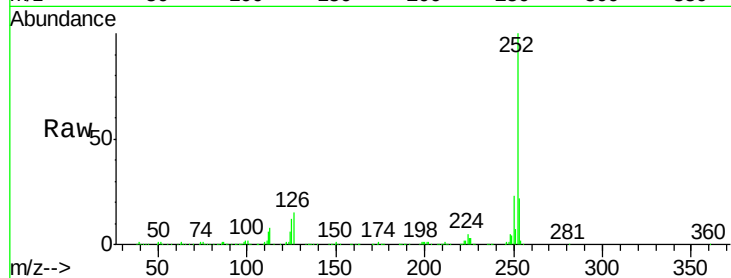
#87
 Benzo(b)fluoranthene
 Concen: 31.95 ng m
 RT: 14.70 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	597221		
253	22.2	17.8	26.6	
125	11.6	11.4	17.0	

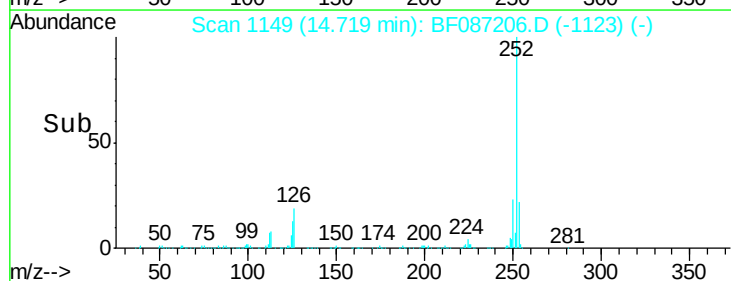
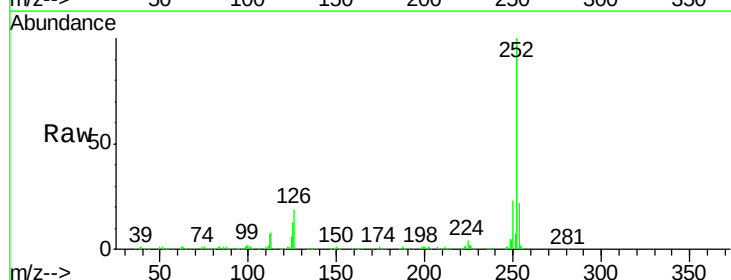
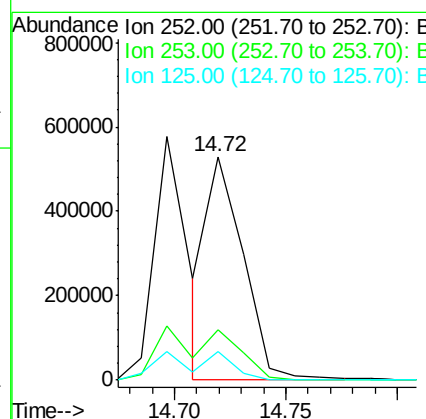
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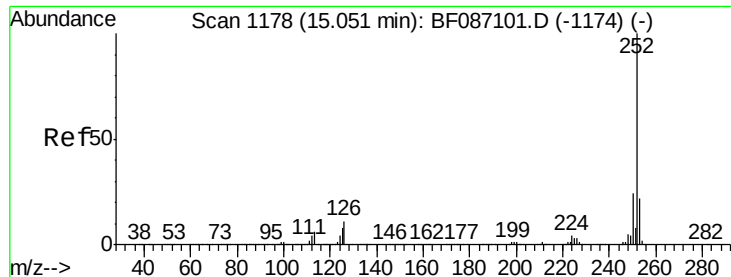
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#88
 Benzo(k)fluoranthene
 Concen: 43.14 ng m
 RT: 14.72 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	600242		
253	22.4	17.8	26.6	
125	12.7	9.1	13.7	





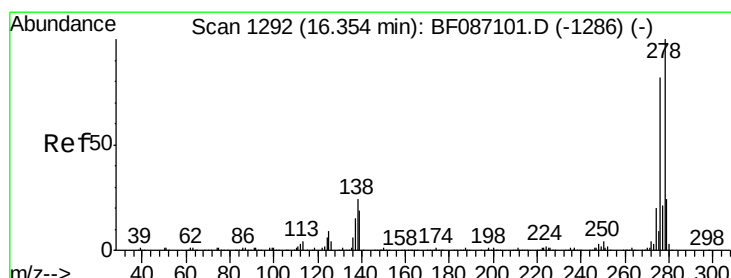
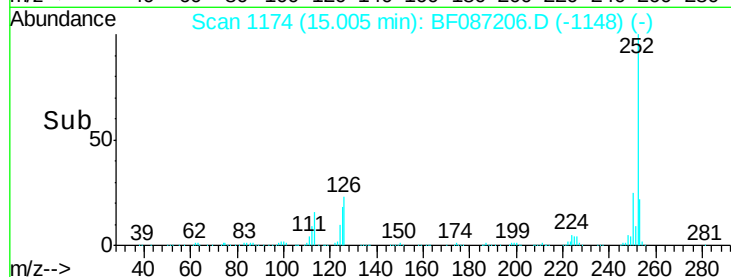
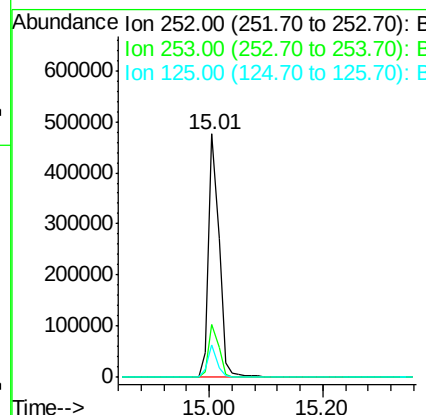
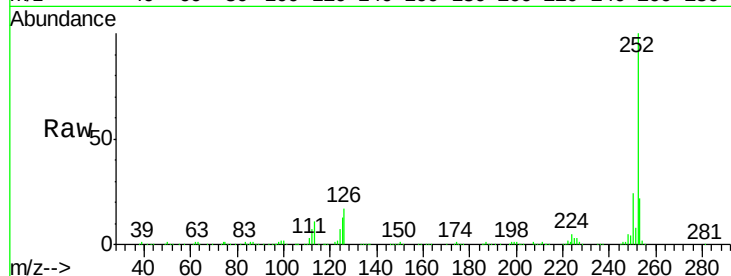
#89
Benzo(a)pyrene
Concen: 37.43 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	13.2	9.0	13.6

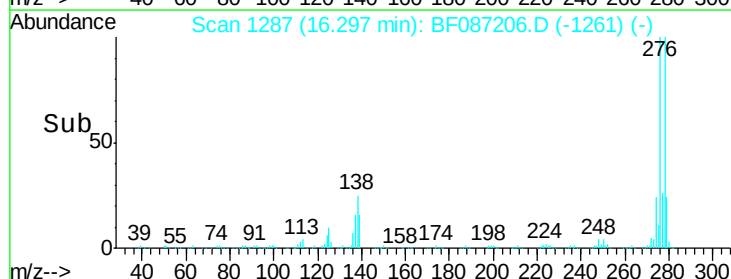
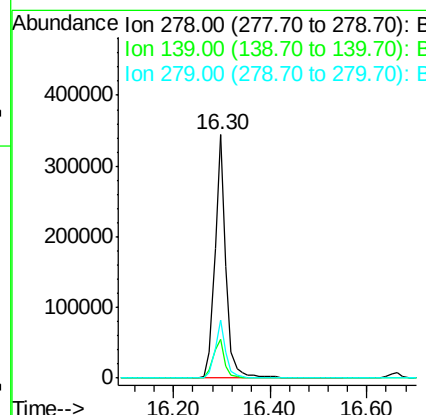
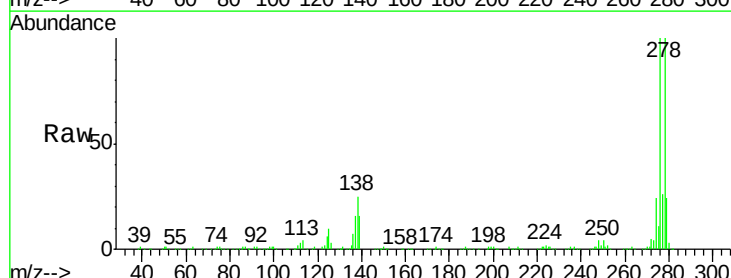
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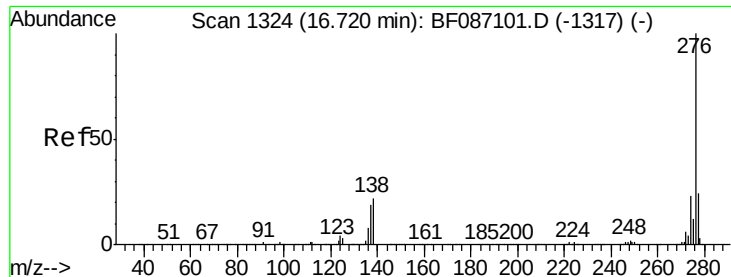
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#90
Dibenzo(a,h)anthracene
Concen: 42.17 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.6	24.8#
279	23.8	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 41.59 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	19.6	29.4
138	19.6	23.6	35.4

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