

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086564.D
 Acq On : 1 May 2016 11:23
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 5/2/2016 7:52:30 PM

Quant Time: May 02 17:59:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	157414	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	666289	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	316861	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	634213	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	422617	20.00	ng	-0.05
86) Perylene-d12	15.31	264	389782	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	795861	87.21	ng	-0.03
7) Phenol-d6	6.41	99	1073102	84.25	ng	-0.03
23) Nitrobenzene-d5	7.34	82	1074381	86.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	276187	82.65	ng	-0.05
44) 2-Fluorobiphenyl	9.14	172	1621932	90.92	ng	-0.03
78) Terphenyl-d14	12.87	244	1552680	80.94	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	196558	41.00	ng	# 76
3) Pyridine	2.98	79	462876	40.80	ng	# 76
4) n-Nitrosodimethylamine	2.92	42	302259	46.74	ng	# 56
6) Aniline	6.43	93	621526	40.32	ng	# 34
8) 2-Chlorophenol	6.56	128	457372	40.24	ng	98
9) Benzaldehyde	6.30	77	193482	26.11	ng	92
10) Phenol	6.43	94	595571	41.91	ng	# 62
11) bis(2-Chloroethyl)ether	6.51	93	534893	43.54	ng	92
12) 1,3-Dichlorobenzene	6.70	146	472379m	38.64	ng	
13) 1,4-Dichlorobenzene	6.78	146	505657	40.08	ng	95
14) 1,2-Dichlorobenzene	6.94	146	437460	37.81	ng	94
15) Benzyl Alcohol	6.92	79	274578	34.08	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	992966	40.38	ng	96
17) 2-Methylphenol	7.04	107	370962	40.38	ng	# 92
18) Hexachloroethane	7.28	117	181902	38.59	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	357122	42.42	ng	# 78
20) 3+4-Methylphenols	7.20	107	441830	42.12	ng	# 65
22) Acetophenone	7.18	105	607559	41.59	ng	# 94
24) Nitrobenzene	7.36	77	535010	42.07	ng	99
25) Isophorone	7.60	82	917967	38.59	ng	99
26) 2-Nitrophenol	7.68	139	258313	44.12	ng	96
27) 2,4-Dimethylphenol	7.72	122	446448	43.46	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	550938	42.51	ng	98
29) 2,4-Dichlorophenol	7.92	162	361701	41.73	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	392174	39.00	ng	96
31) Naphthalene	8.08	128	1329988	39.23	ng	99
32) Benzoic acid	7.86	122	254670	42.23	ng	90
33) 4-Chloroaniline	8.13	127	280221	22.07	ng	96
34) Hexachlorobutadiene	8.20	225	220078	39.05	ng	98
35) Caprolactam	8.51	113	120052	41.52	ng	# 59
36) 4-Chloro-3-methylphenol	8.62	107	438329	44.17	ng	98
37) 2-Methylnaphthalene	8.77	142	799251	39.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	366169	40.37	ng	99
40) Hexachlorocyclopentadiene	8.92	237	166983	37.05	ng	94

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Quant Time: May 02 17:59:15 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	240950	42.03	ng	96
43) 2,4,5-Trichlorophenol	9.09	196	267904	42.87	ng	96
45) 1,1'-Biphenyl	9.23	154	986506	37.25	ng	96
46) 2-Chloronaphthalene	9.25	162	768339	38.15	ng	93
47) 2-Nitroaniline	9.36	65	307089	47.55	ng	85
48) Acenaphthylene	9.66	152	1202201	38.19	ng	99
49) Dimethylphthalate	9.54	163	940010	39.41	ng	100
50) 2,6-Dinitrotoluene	9.60	165	204141	41.42	ng	# 80
51) Acenaphthene	9.84	154	804842	39.81	ng	99
52) 3-Nitroaniline	9.77	138	245492	43.80	ng	86
53) 2,4-Dinitrophenol	9.87	184	99341	41.09	ng	# 79
54) Dibenzofuran	10.01	168	972164	38.47	ng	94
55) 4-Nitrophenol	9.94	139	136017	37.07	ng	85
56) 2,4-Dinitrotoluene	10.00	165	269483	42.90	ng	# 86
57) Fluorene	10.35	166	771620	35.17	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	207976	42.57	ng	99
59) Diethylphthalate	10.24	149	951834	42.15	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	412569	41.42	ng	# 84
61) 4-Nitroaniline	10.38	138	211440	38.59	ng	85
62) Azobenzene	10.51	77	1074915	43.46	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	159722	42.90	ng	# 74
65) n-Nitrosodiphenylamine	10.46	169	715093	36.08	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	252153	38.58	ng	# 86
67) Hexachlorobenzene	10.90	284	281100	37.16	ng	# 83
68) Atrazine	11.00	200	218887	36.77	ng	95
69) Pentachlorophenol	11.09	266	159418	39.97	ng	97
70) Phenanthrene	11.31	178	1208935	36.32	ng	100
71) Anthracene	11.37	178	1395783	39.30	ng	99
72) Carbazole	11.52	167	1147034	36.44	ng	98
73) Di-n-butylphthalate	11.86	149	1456113	40.83	ng	99
74) Fluoranthene	12.49	202	1306179	38.88	ng	99
76) Benzidine	12.64	184	263112	18.12	ng	98
77) Pyrene	12.72	202	1197621	39.33	ng	99
79) Butylbenzylphthalate	13.35	149	563474	42.73	ng	# 78
80) Benzo(a)anthracene	13.91	228	916461	40.67	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	554639	36.82	ng	99
82) Chrysene	13.94	228	898909	36.70	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	619812	37.86	ng	97
84) Di-n-octyl phthalate	14.51	149	1013719	39.54	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	981388	54.08	ng	97
87) Benzo(b)fluoranthene	14.92	252	954948m	41.65	ng	
88) Benzo(k)fluoranthene	14.95	252	793834m	33.19	ng	
89) Benzo(a)pyrene	15.25	252	839872	38.79	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	818864	46.22	ng	99
91) Benzo(g,h,i)perylene	17.05	276	808747	45.55	ng	96

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

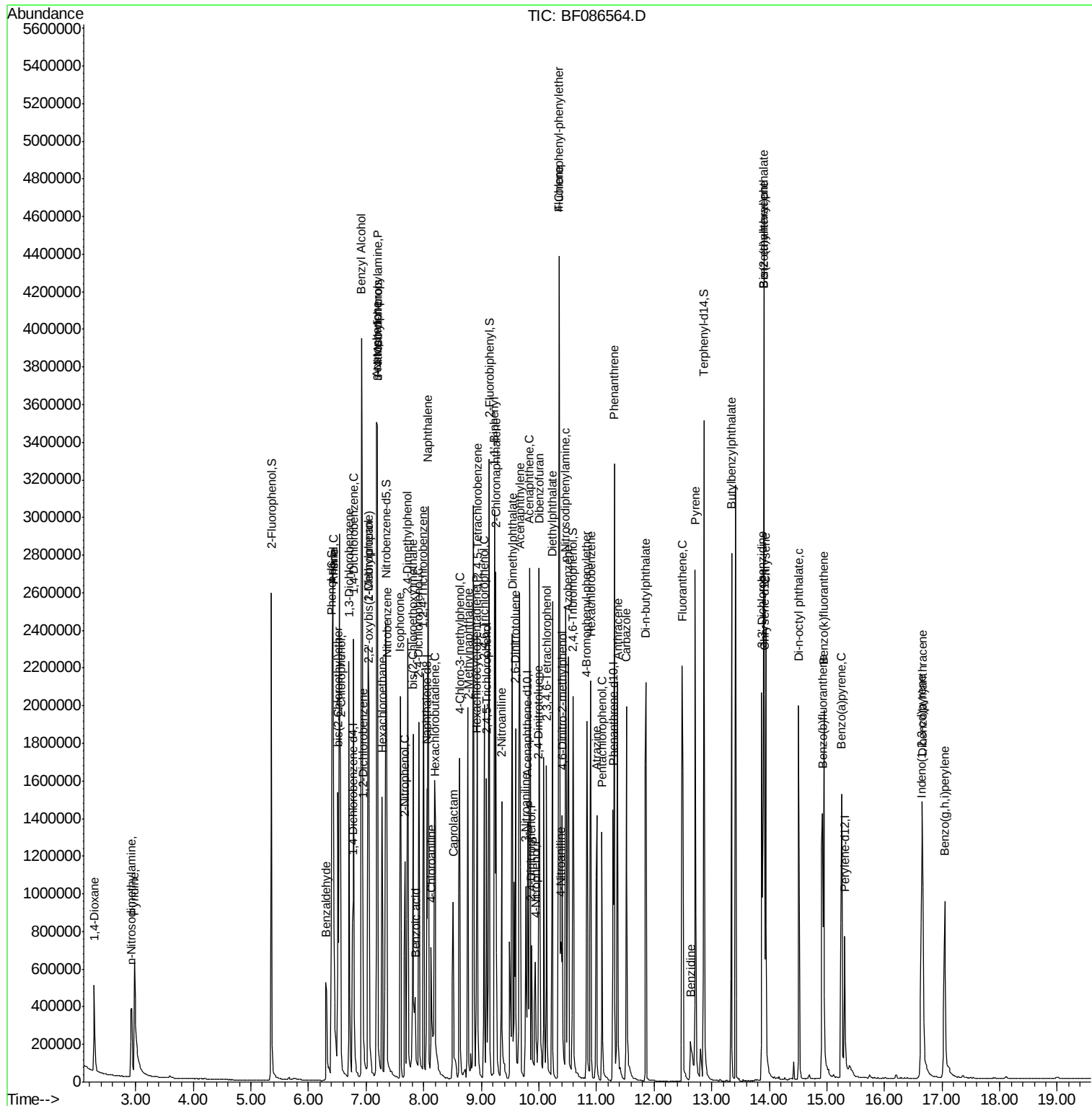
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\  
Data File : BF086564.D  
Acq On    : 1 May 2016 11:23  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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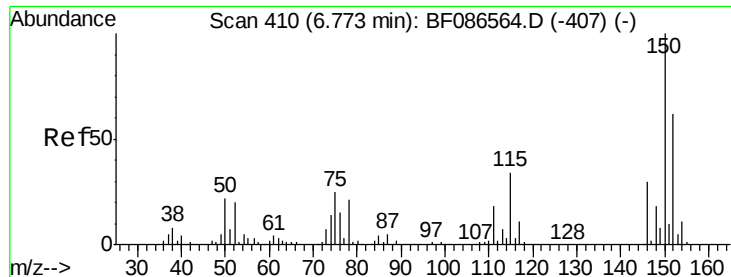
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

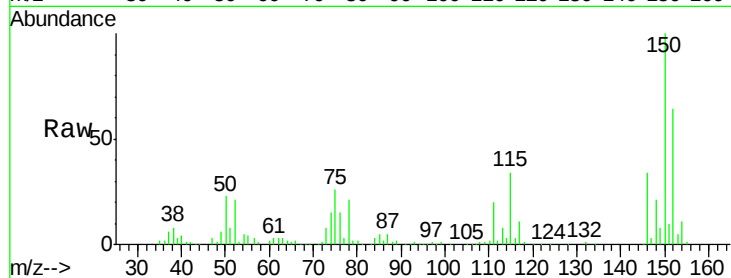
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.8	188.6
115	53.1	51.5	77.3

Manual Integrations
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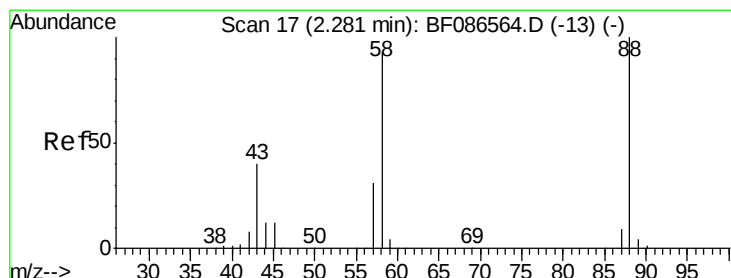
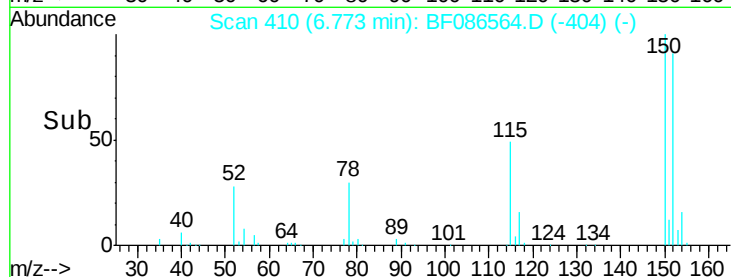
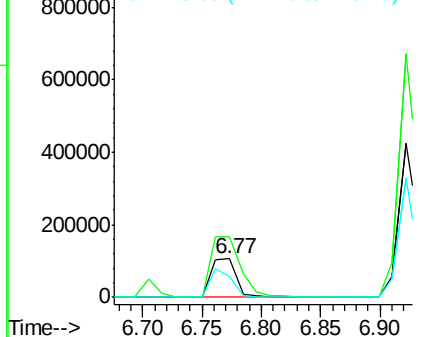
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.00 ng

RT: 2.28 min Scan# 17

Delta R.T. -0.08 min

Lab File: BF086564.D

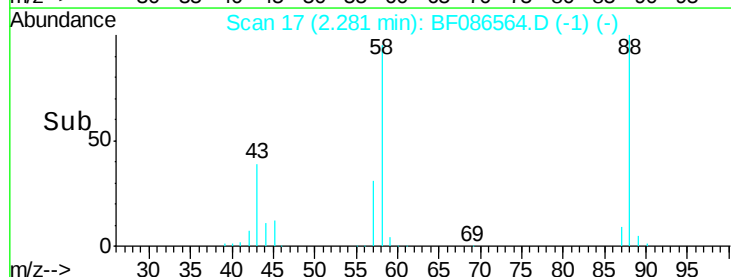
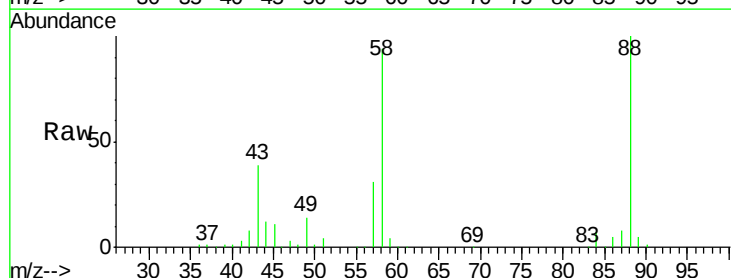
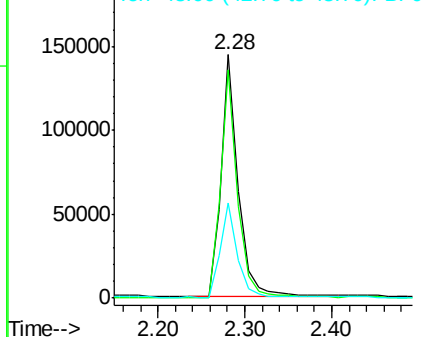
Acq: 1 May 2016 11:23

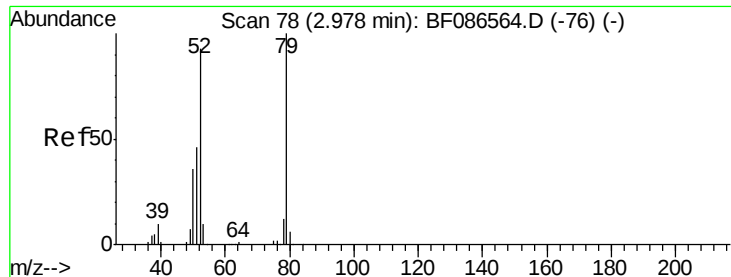
Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	59.6	89.4#
43	39.3	21.8	32.6#

Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.80 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.08 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

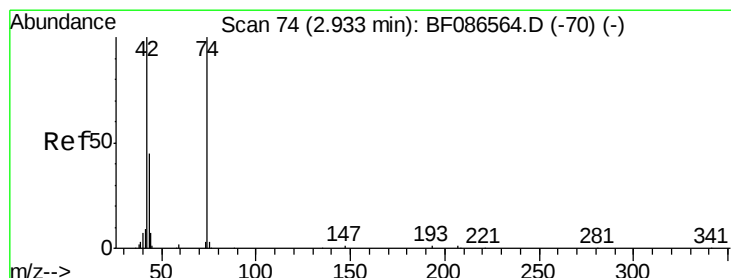
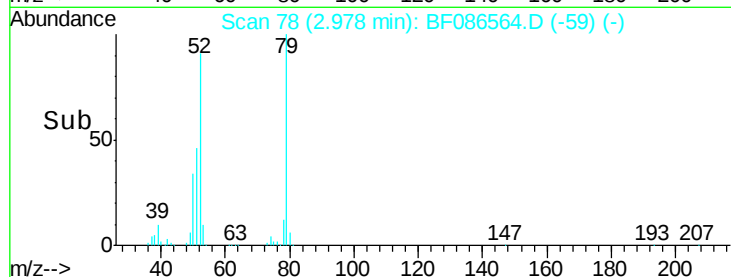
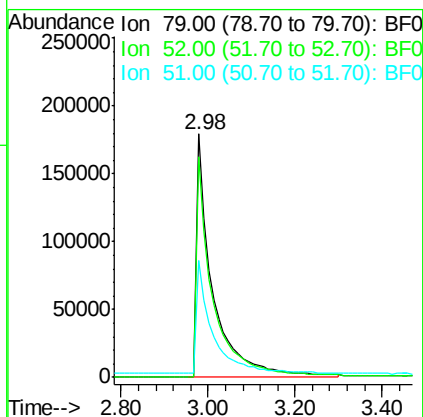
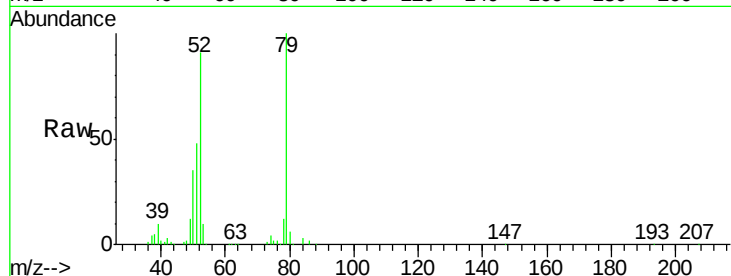
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	90.8	55.9	83.9#
51	47.8	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 46.74 ng

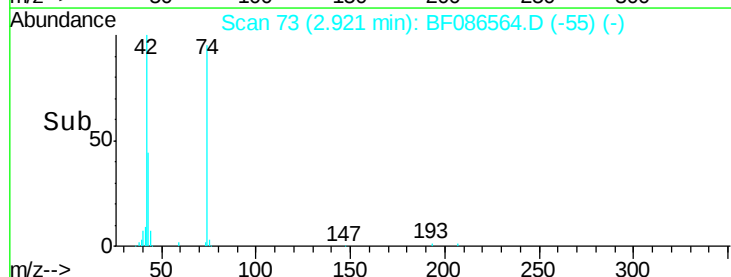
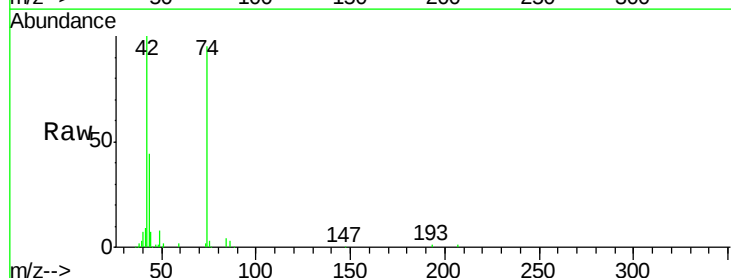
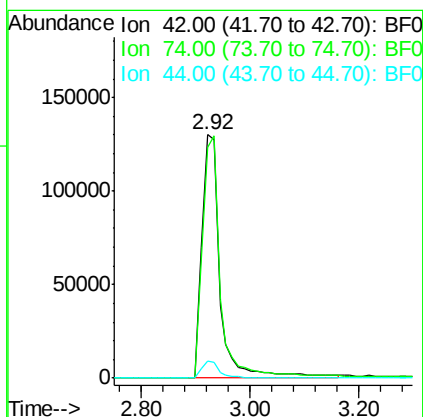
RT: 2.92 min Scan# 73

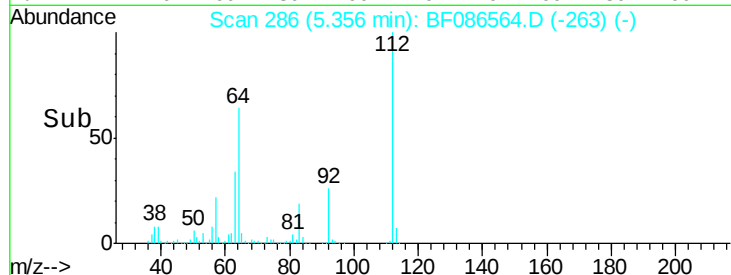
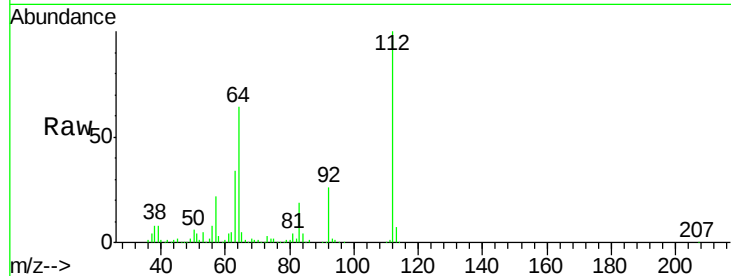
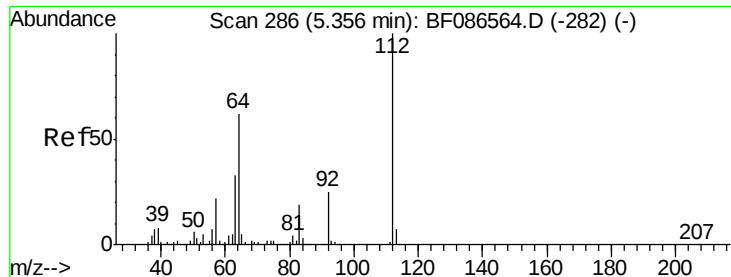
Delta R.T. -0.09 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.6	123.4	185.0#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 87.21 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

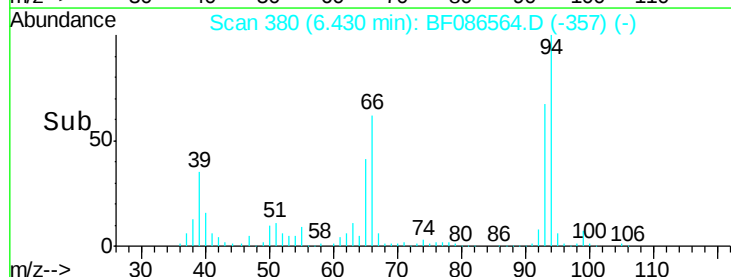
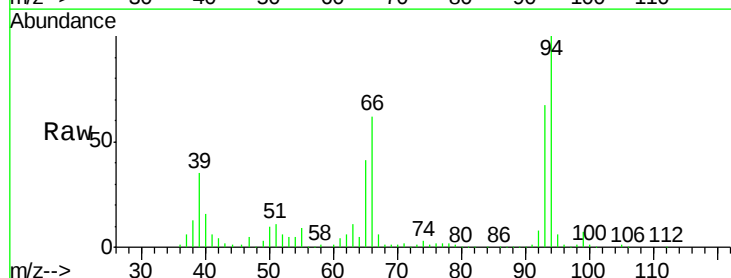
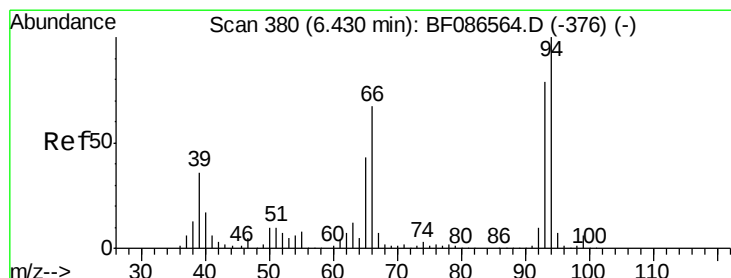
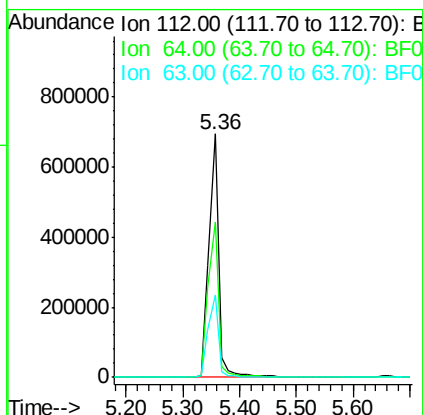
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	795861
Ion Ratio	Lower	Upper	
112	100		
64	63.6	52.1	78.1
63	33.7	25.7	38.5

Manual Integrations
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#6

Aniline

Concen: 40.32 ng

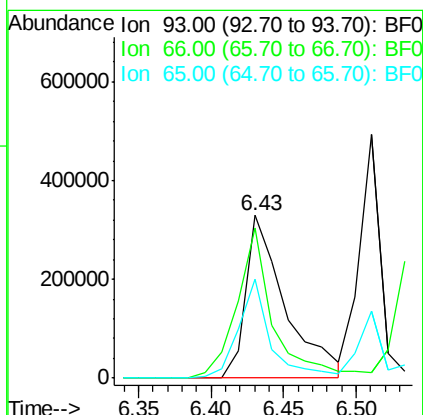
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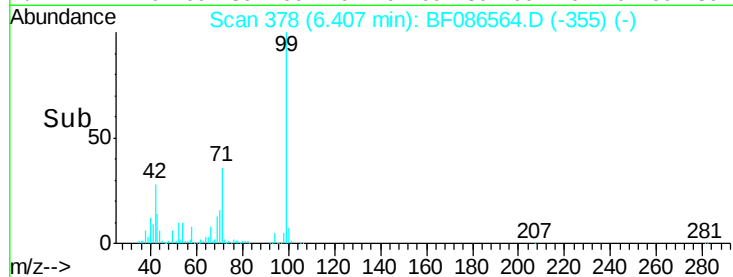
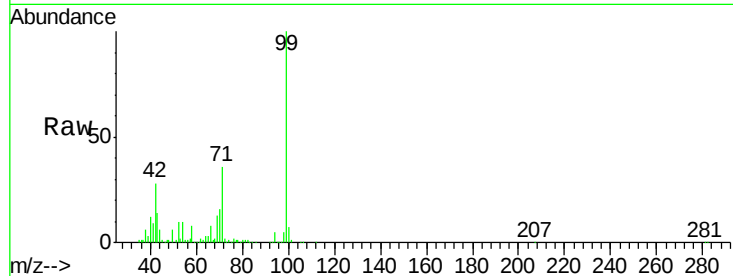
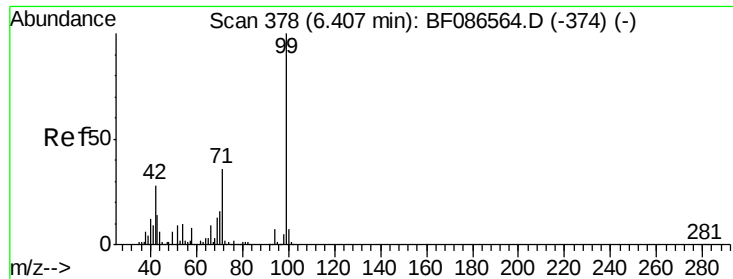
Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:	93	Resp:	621526
Ion Ratio	Lower	Upper	
93	100		
66	92.6	39.0	58.6#
65	61.2	20.6	31.0#





#7

Phenol-d6

Concen: 84.25 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:	99	Resp:	1073102
Ion	Ratio	Lower	Upper
99	100		
42	27.5	13.6	20.4#
71	35.5	24.6	36.8

Instrument :

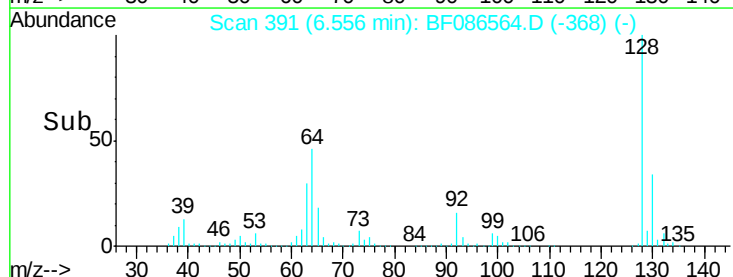
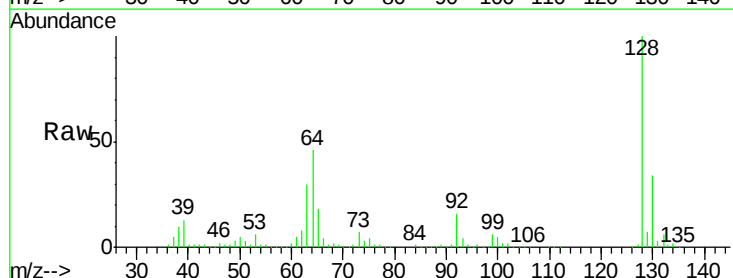
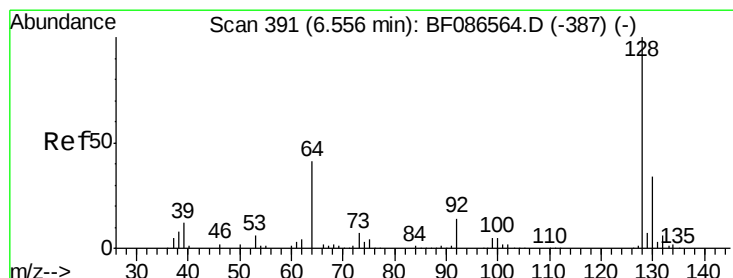
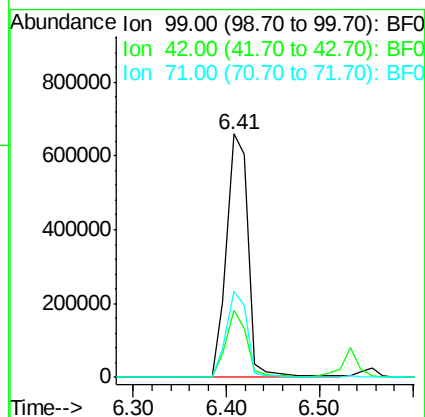
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.24 ng

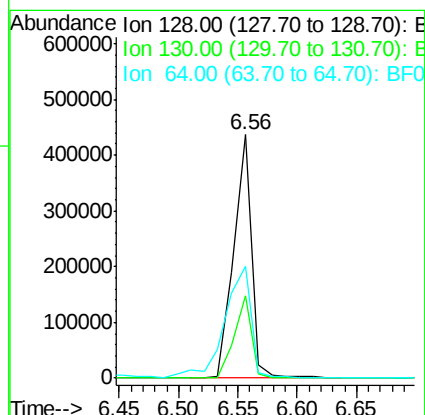
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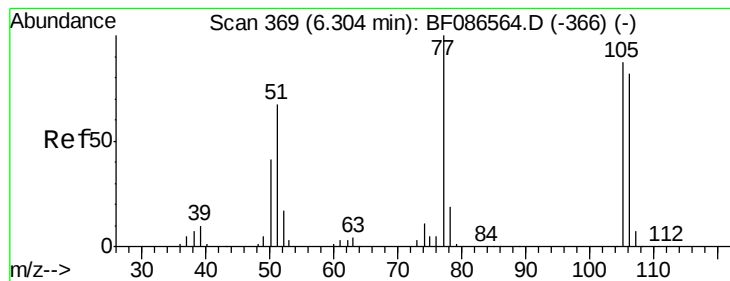
Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:	128	Resp:	457372
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.5	52.5
64	45.8	27.3	67.3





#9

Benzaldehyde

Concen: 26.11 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 77 Resp: 193482

Ion Ratio Lower Upper

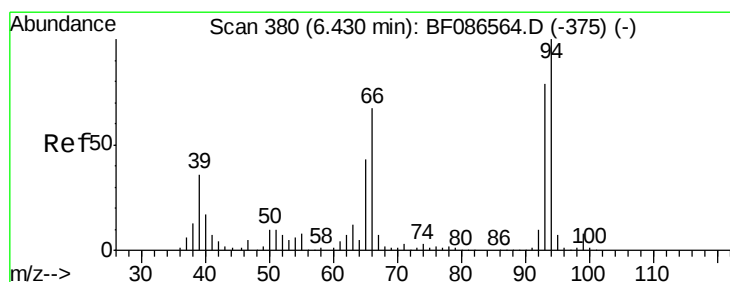
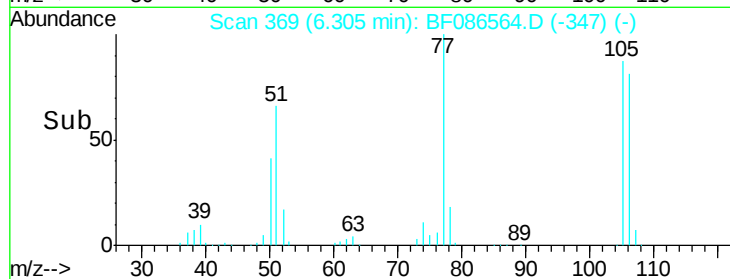
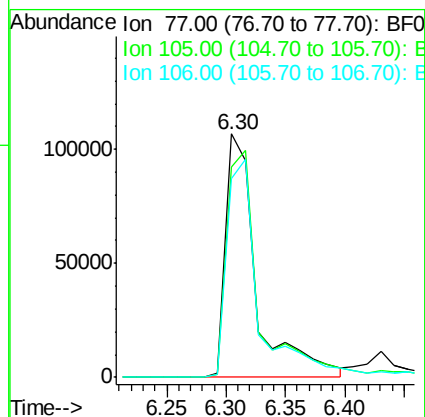
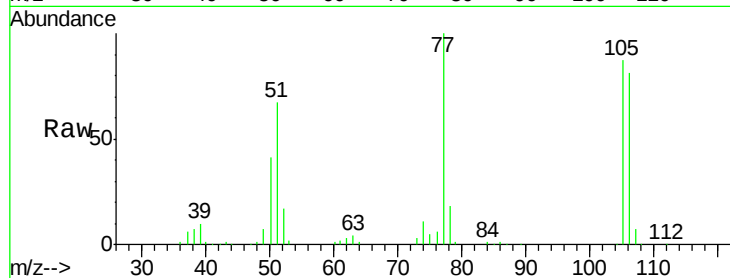
77 100

105 86.7 72.7 112.7

106 81.5 70.8 110.8

Manual Integrations
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#10

Phenol

Concen: 41.91 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

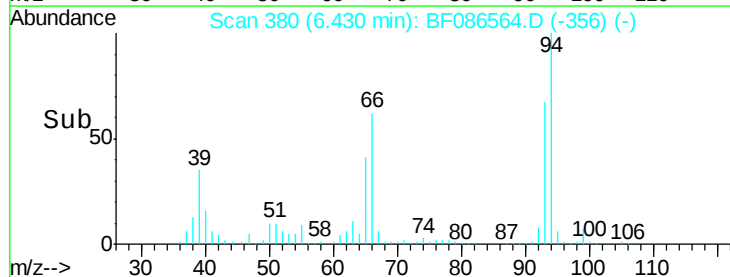
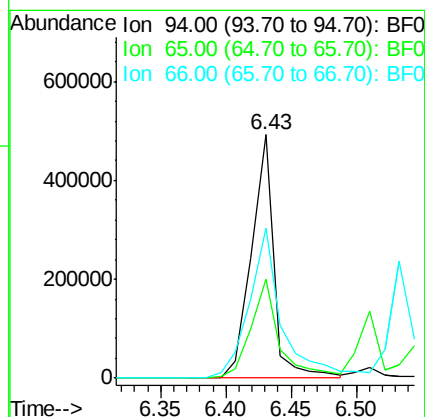
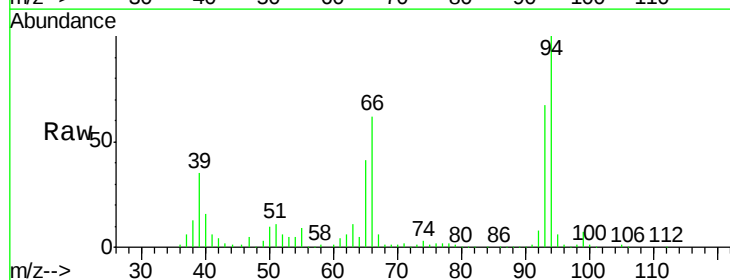
Tgt Ion: 94 Resp: 595571

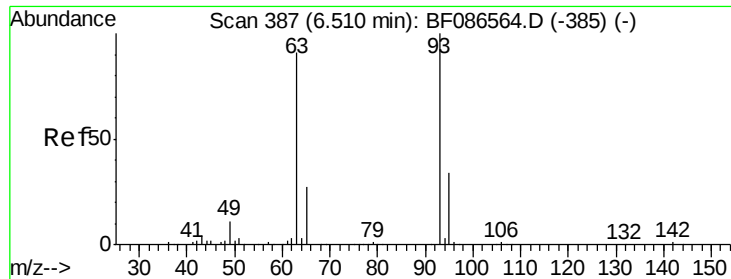
Ion Ratio Lower Upper

94 100

65 40.9 7.2 47.2

66 61.9 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 43.54 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

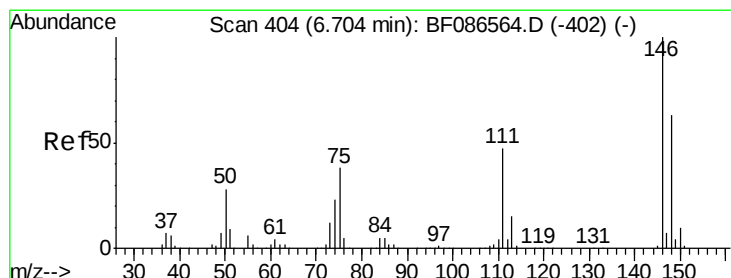
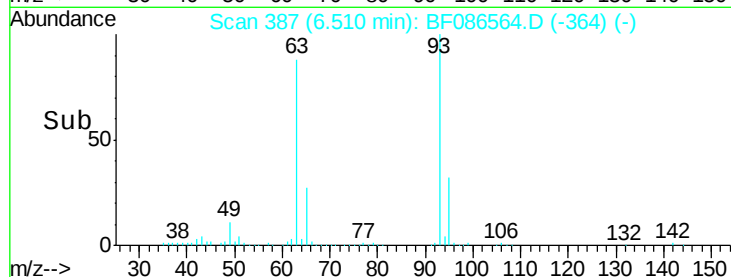
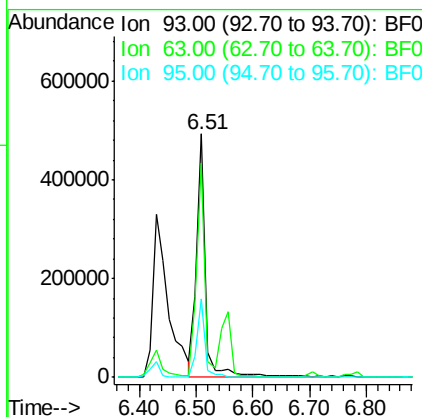
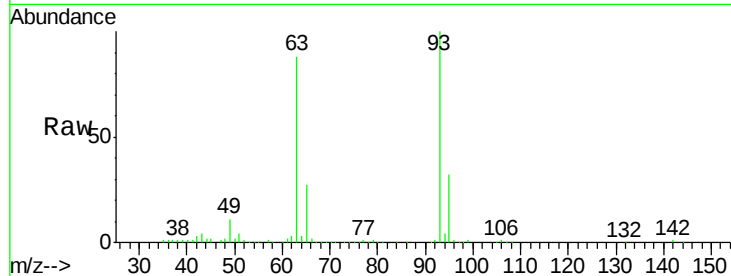
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	534893
Ion Ratio	Lower	Upper	
93	100		
63	88.0	58.0	98.0
95	32.1	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 38.64 ng m

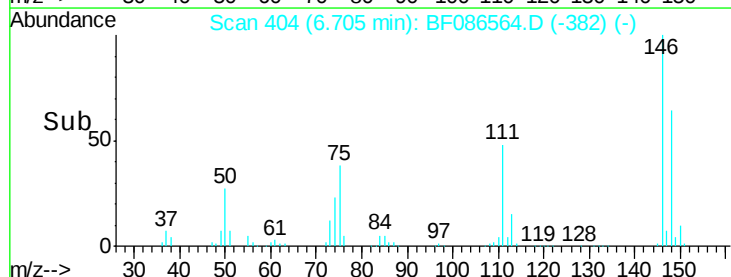
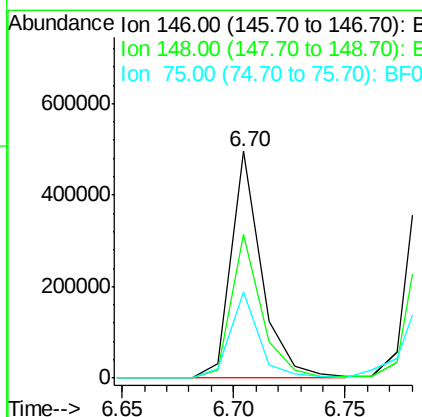
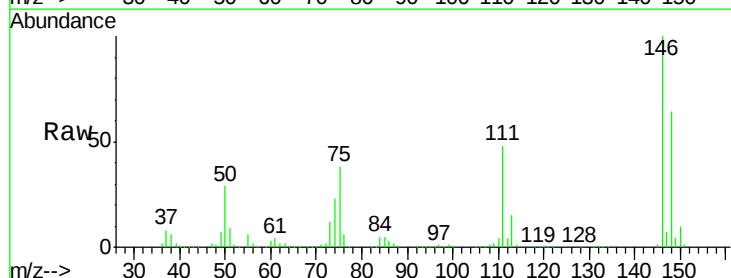
RT: 6.70 min Scan# 404

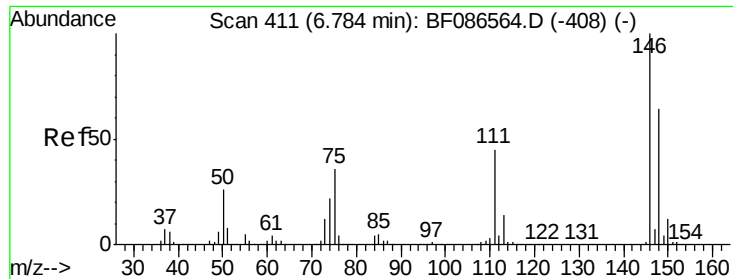
Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:	146	Resp:	472379
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.4	78.6
75	38.0	22.8	34.2#





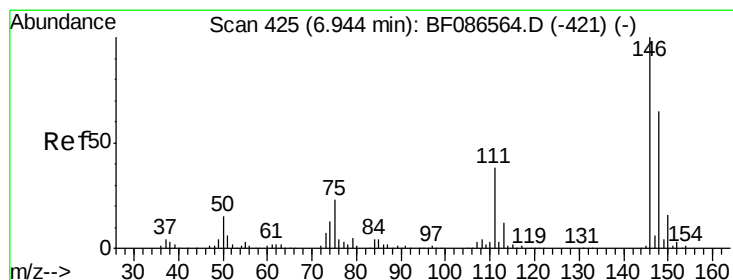
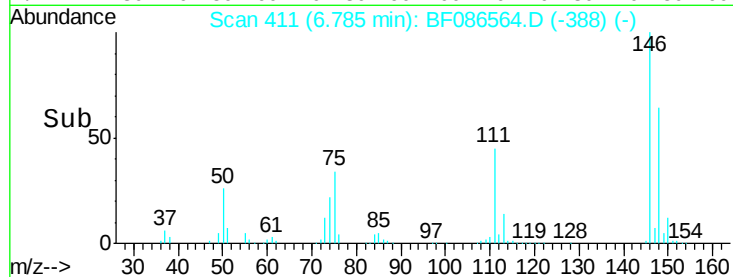
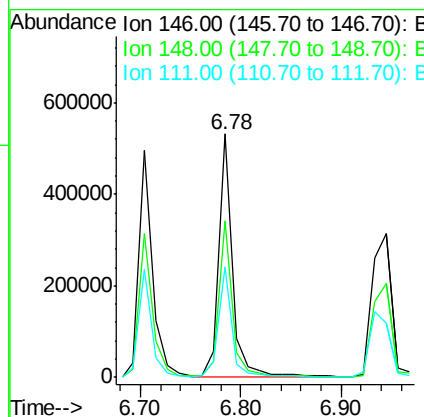
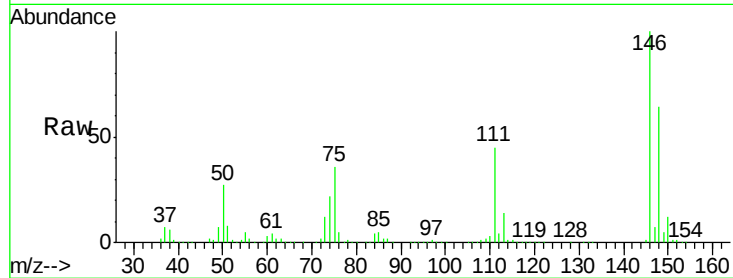
#13
 1,4-Dichlorobenzene
 Concen: 40.08 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	505657		
148	64.4	52.2	78.4	
111	45.2	30.7	46.1	

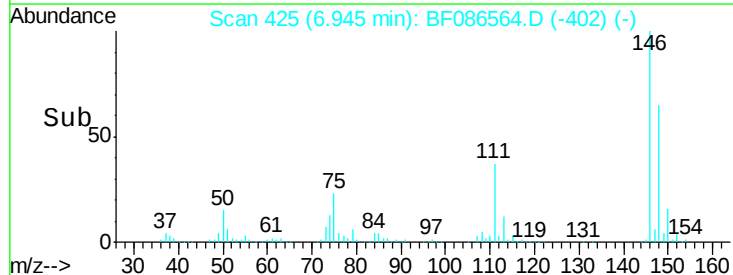
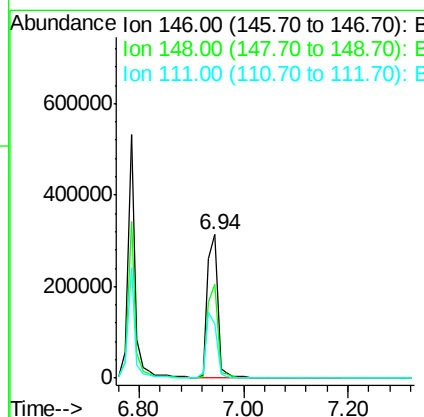
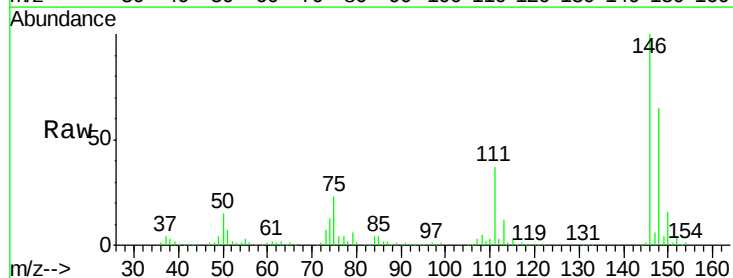
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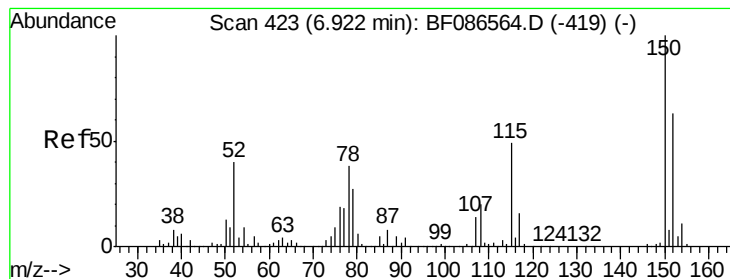
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#14
 1,2-Dichlorobenzene
 Concen: 37.81 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	437460		
148	65.2	51.0	76.6	
111	37.5	36.2	54.4	





#15

Benzyl Alcohol

Concen: 34.08 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 274578

Ion Ratio Lower Upper

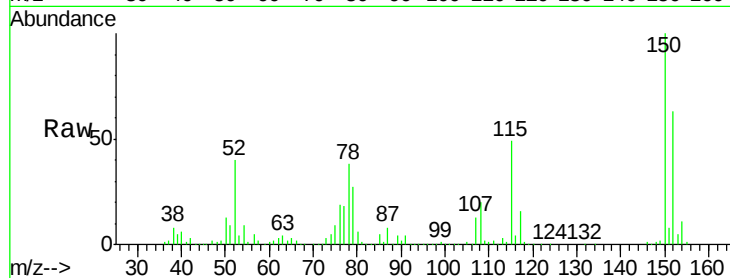
79 100

108 73.8 68.4 102.6

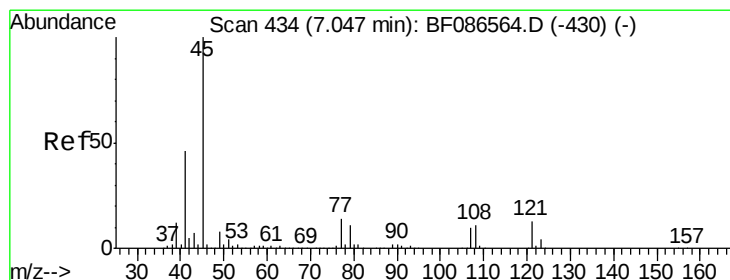
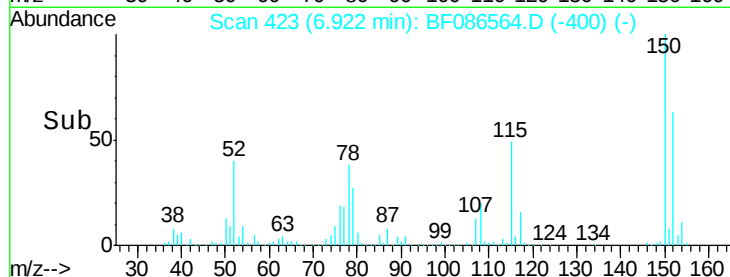
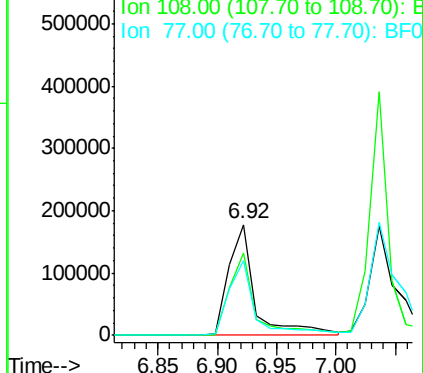
77 67.5 50.6 76.0

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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: 40.38 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

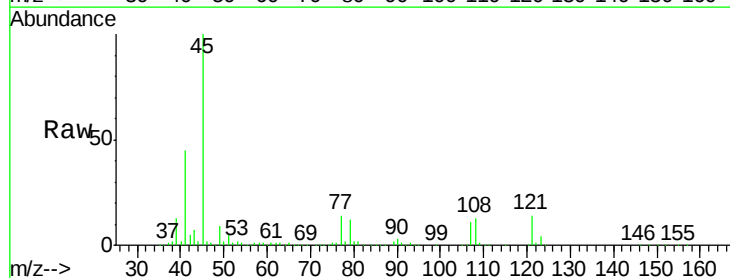
Tgt Ion: 45 Resp: 992966

Ion Ratio Lower Upper

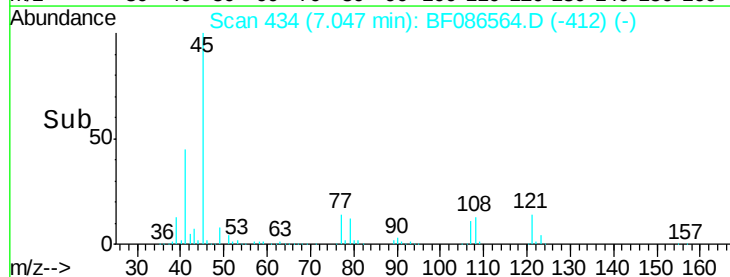
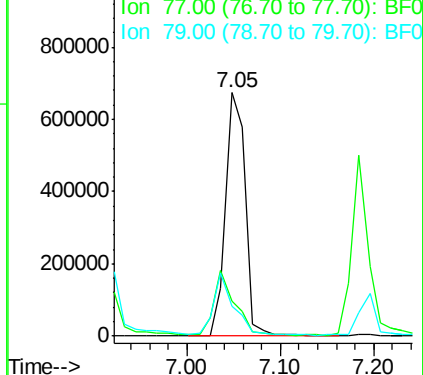
45 100

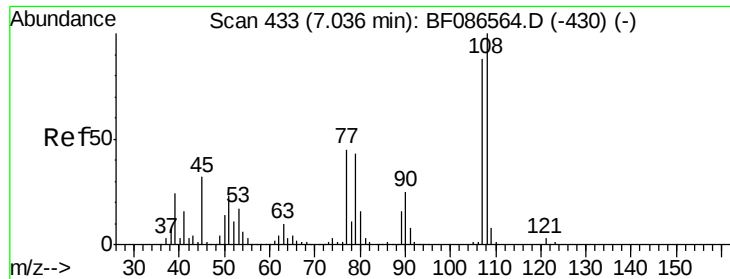
77 14.5 0.0 36.4

79 12.1 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





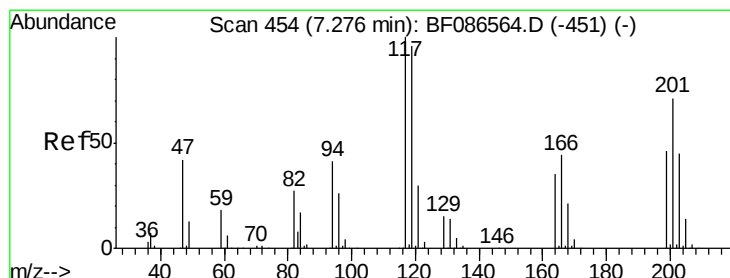
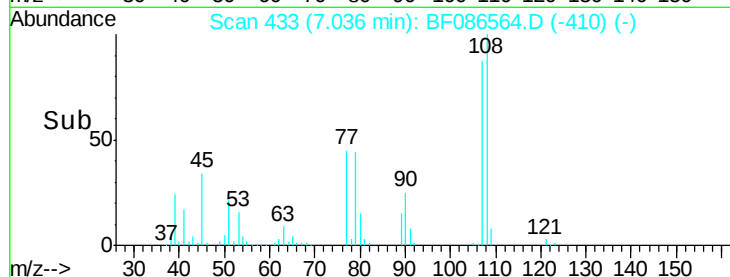
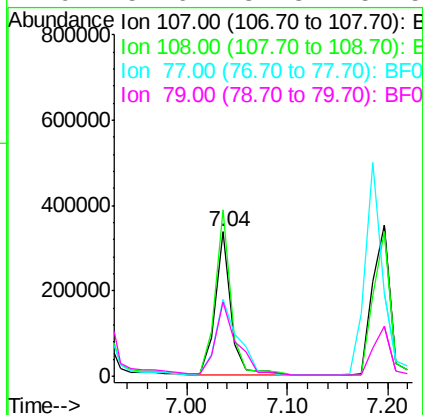
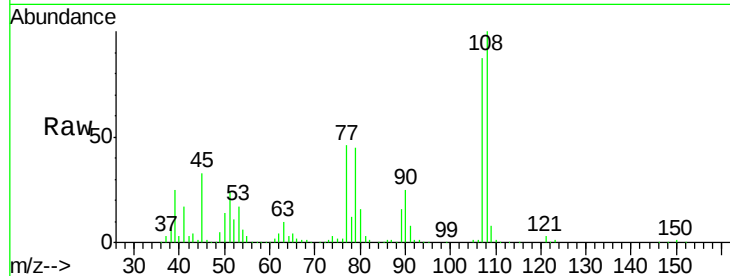
#17
2-Methylphenol
Concen: 40.38 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Resp	Lower	Upper
107	100			
108	115.4	93.7	140.5	
77	53.4	33.4	50.0#	
79	51.6	34.3	51.5#	

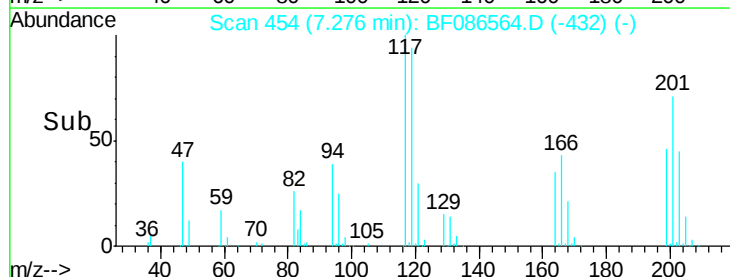
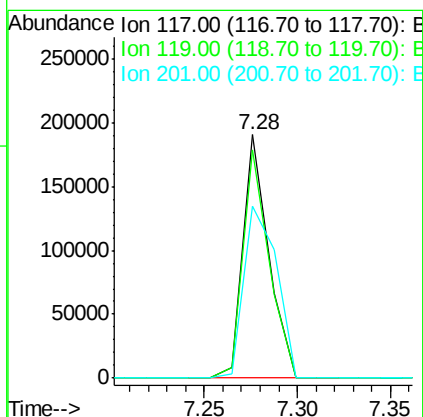
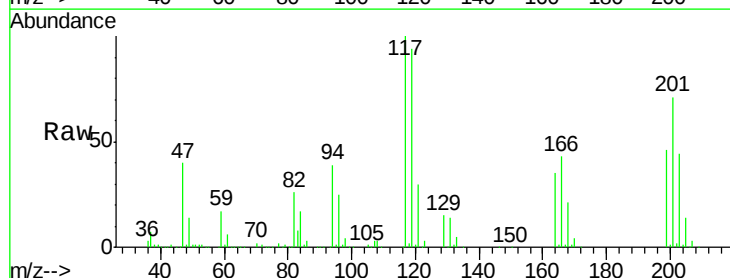
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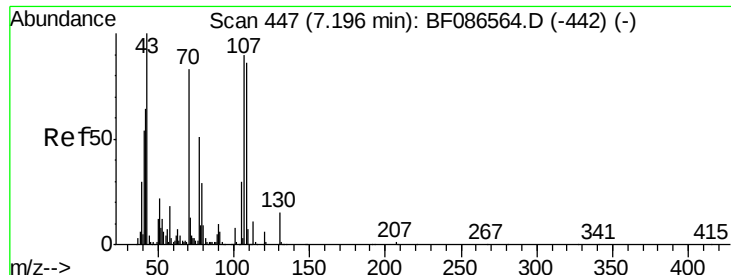
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#18
Hexachloroethane
Concen: 38.59 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt	Ion	Resp	Lower	Upper
117	100			
119	93.6	76.5	114.7	
201	70.8	63.0	94.6	





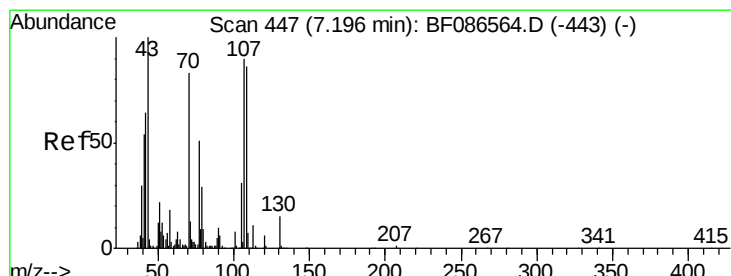
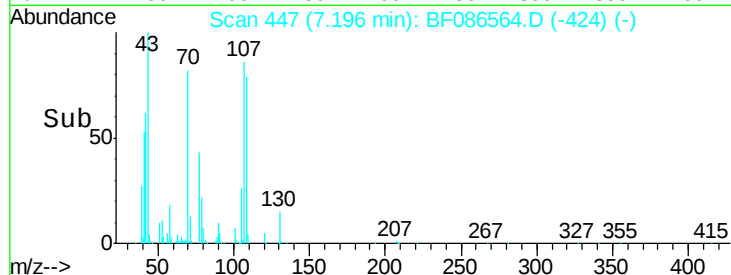
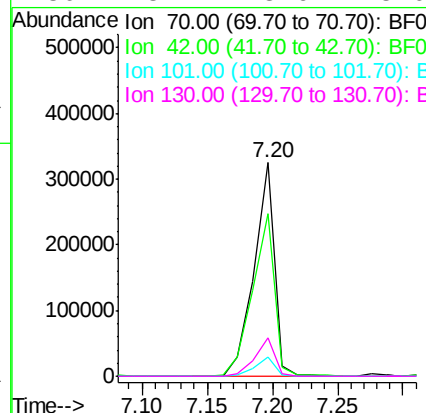
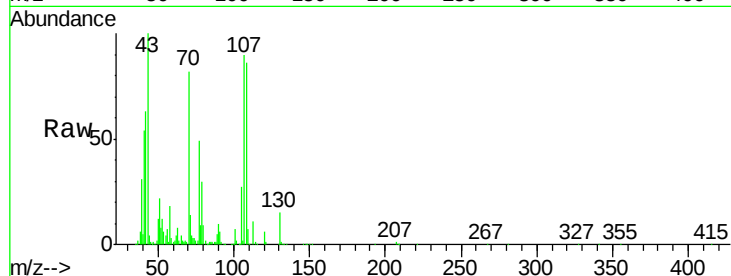
#19
n-Nitroso-di-n-propylamine
Concen: 42.42 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	76.2	43.1	64.7#	
101	8.8	8.1	12.1	
130	18.2	18.6	28.0#	

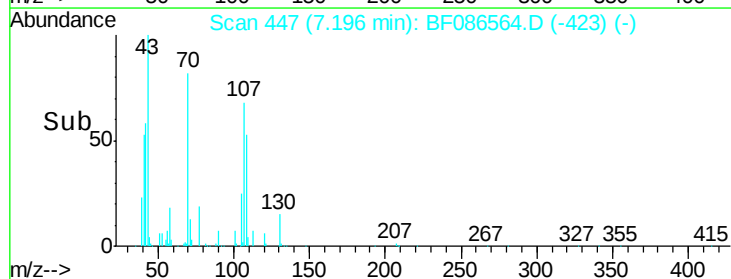
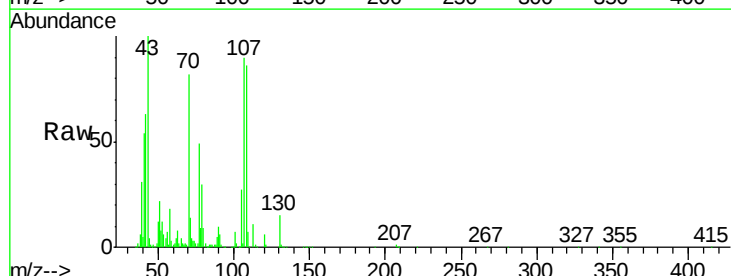
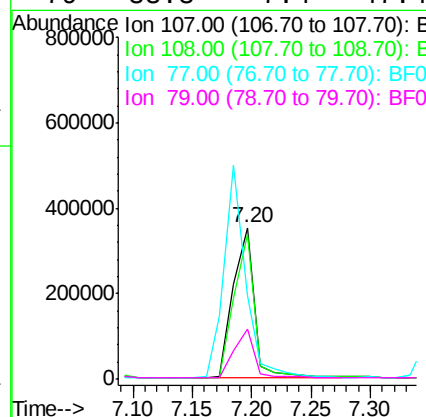
Manual Integrations
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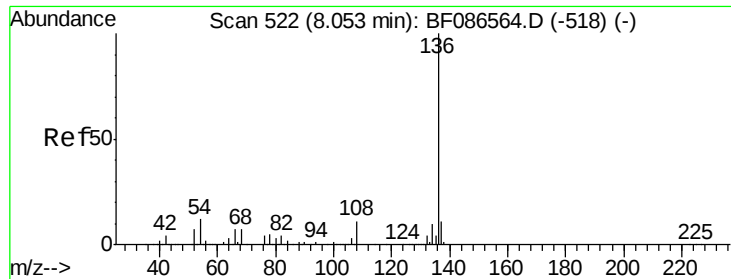
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#20
3+4-Methylphenols
Concen: 42.12 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	95.3	68.5	108.5	
77	54.6	101.6	141.6#	
79	33.3	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086564.D

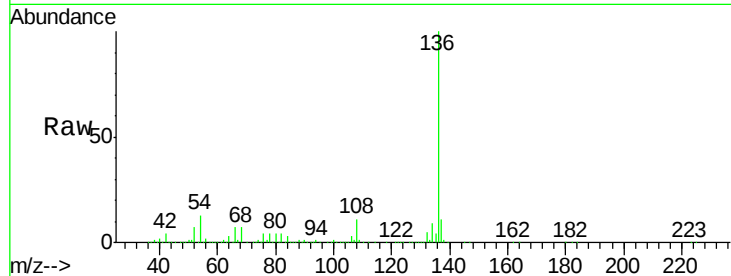
Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 666289

Ion Ratio Lower Upper

136 100

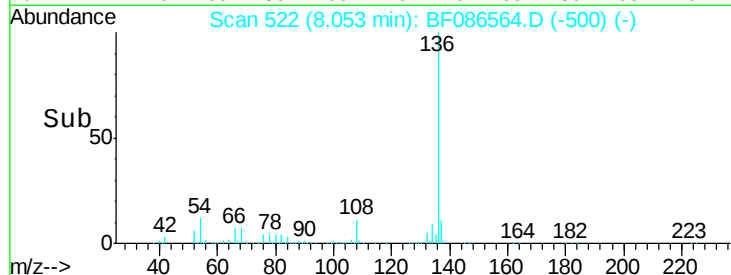
137 11.3 8.8 13.2

54 12.6 5.0 7.4#

68 7.3 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

Time-->

8.05

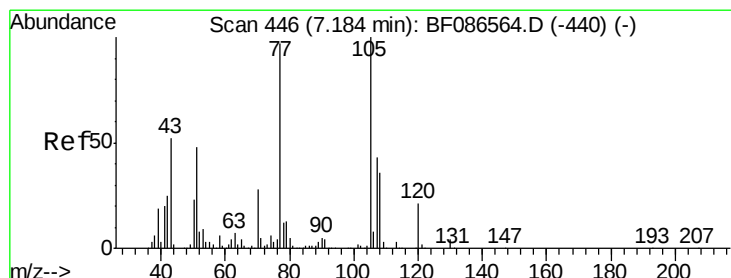
600000

400000

200000

0

7.90 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 41.59 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:105 Resp: 607559

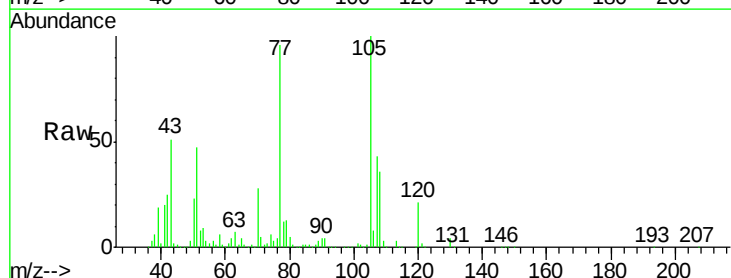
Ion Ratio Lower Upper

105 100

71 4.7 4.8 7.2#

51 46.8 32.6 49.0

120 20.9 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

Time-->

7.18

800000

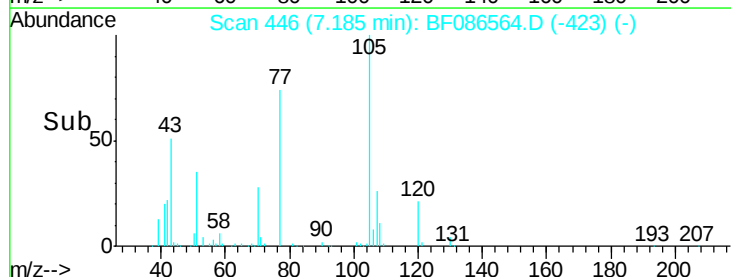
600000

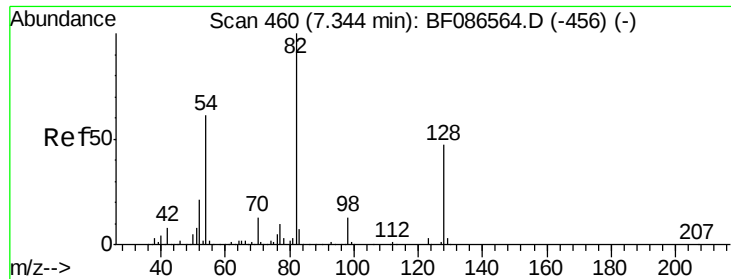
400000

200000

0

7.10 7.20 7.30





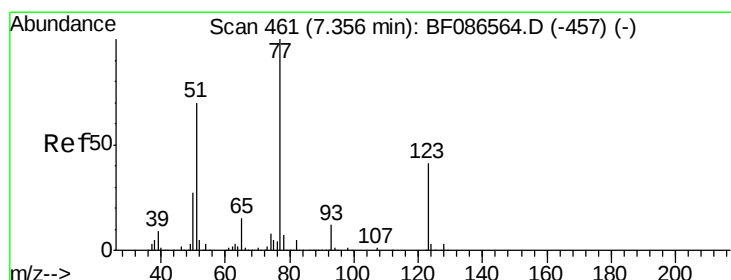
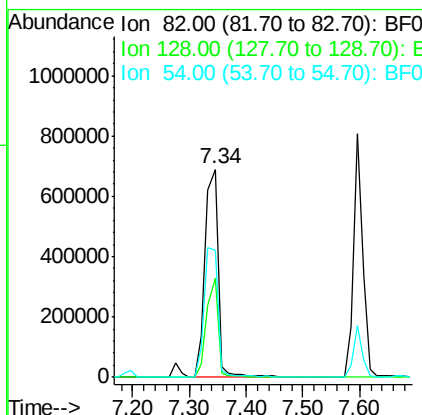
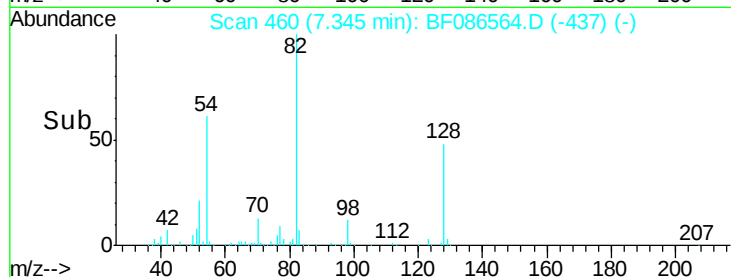
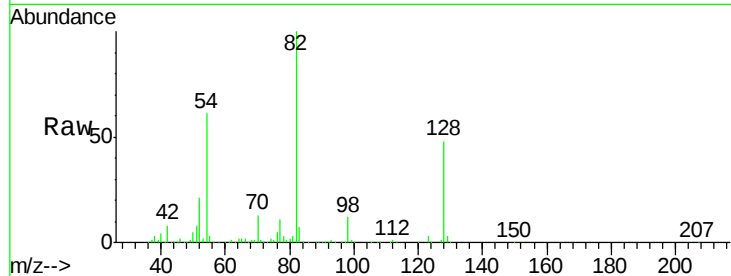
#23
Nitrobenzene-d5
Concen: 86.91 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1074381
Ion Ratio Lower Upper
82 100
128 47.6 40.6 61.0
54 60.8 38.1 57.1#

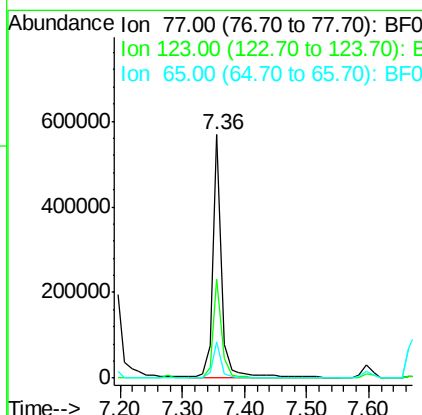
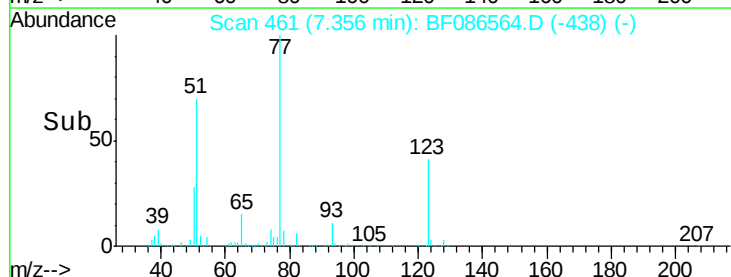
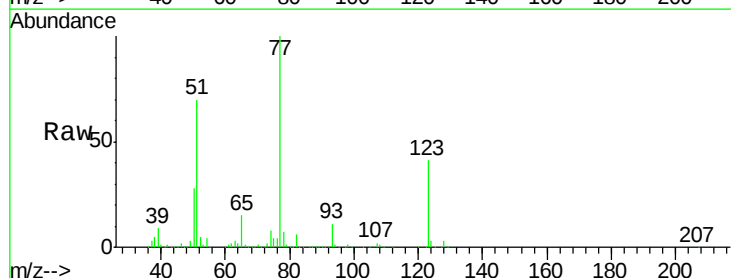
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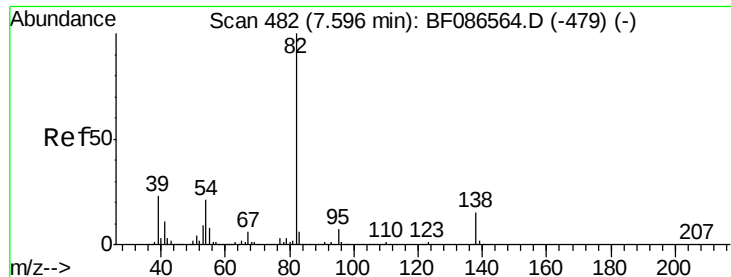
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#24
Nitrobenzene
Concen: 42.07 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion: 77 Resp: 535010
Ion Ratio Lower Upper
77 100
123 40.8 33.0 49.4
65 14.9 10.8 16.2





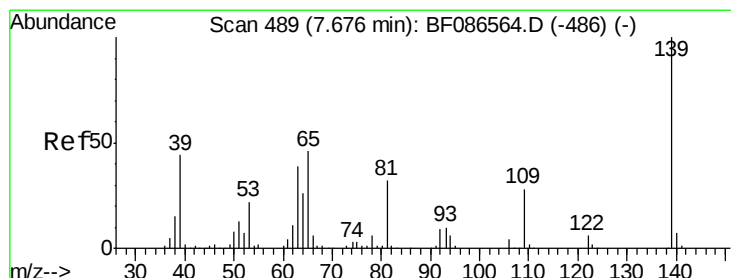
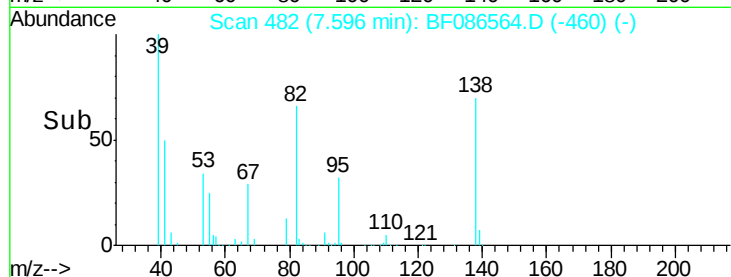
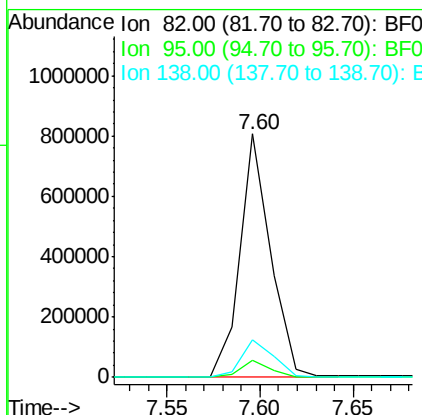
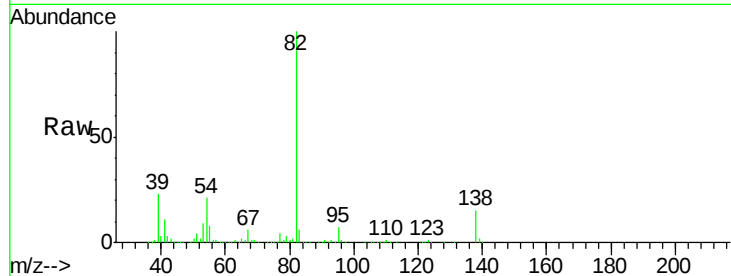
#25
Isophorone
Concen: 38.59 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	917967		
95	7.0	5.1	7.7	
138	15.2	12.4	18.6	

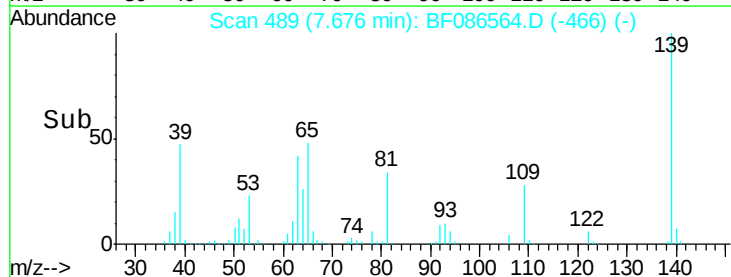
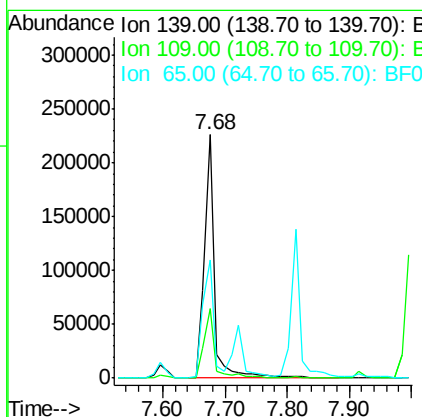
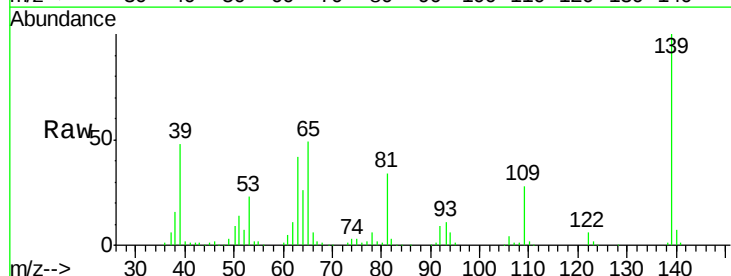
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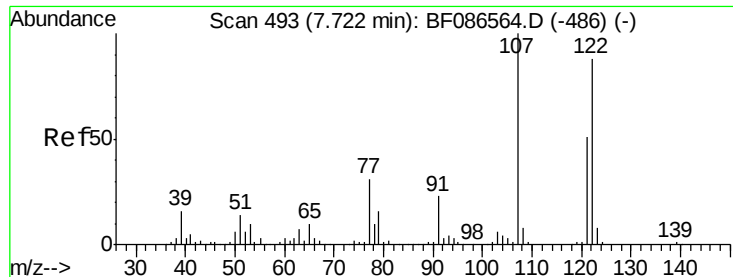
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#26
2-Nitrophenol
Concen: 44.12 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	258313		
109	28.5	19.5	29.3	
65	48.5	37.5	56.3	





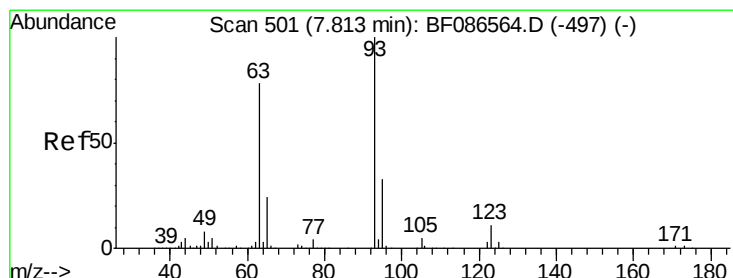
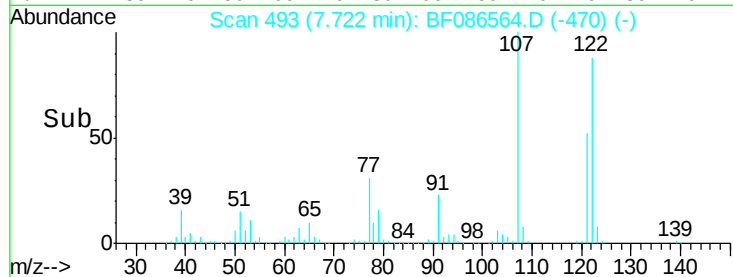
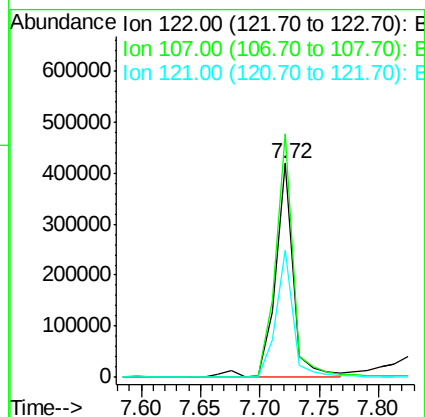
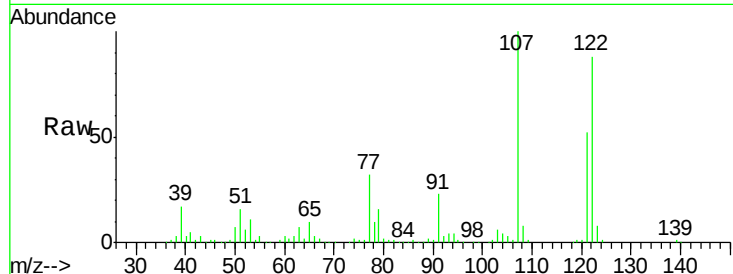
#27
2,4-Dimethylphenol
Concen: 43.46 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	446448		
107	113.8	82.0	123.0	
121	59.3	46.1	69.1	

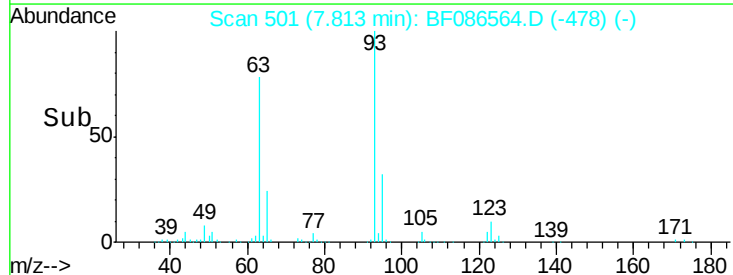
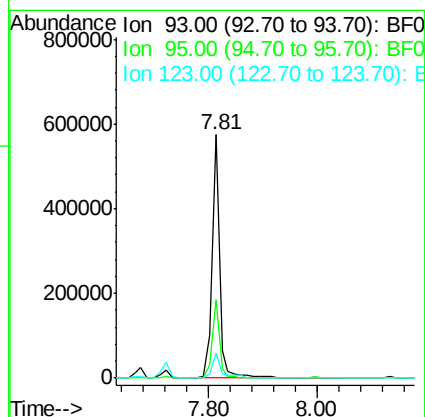
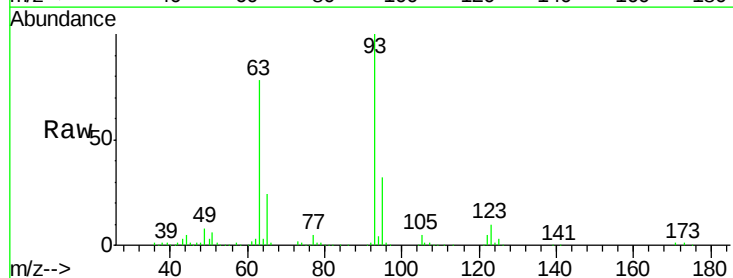
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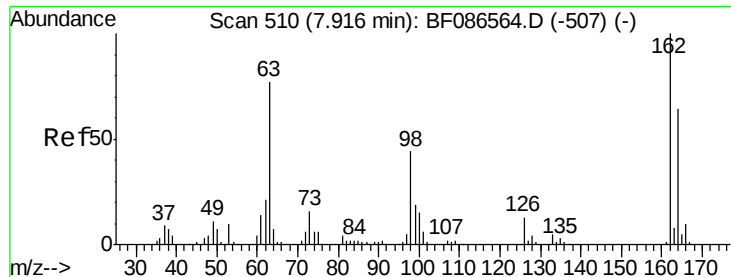
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#28
bis(2-Chloroethoxy)methane
Concen: 42.51 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	550938		
95	32.1	26.0	39.0	
123	10.3	9.5	14.3	





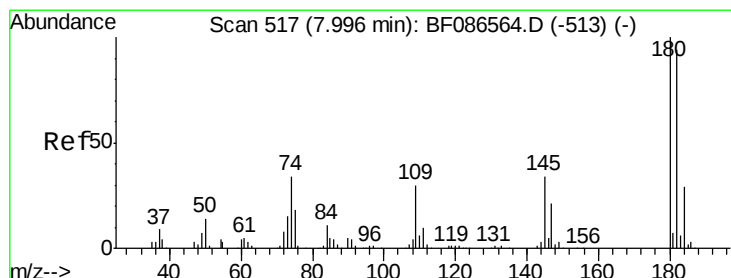
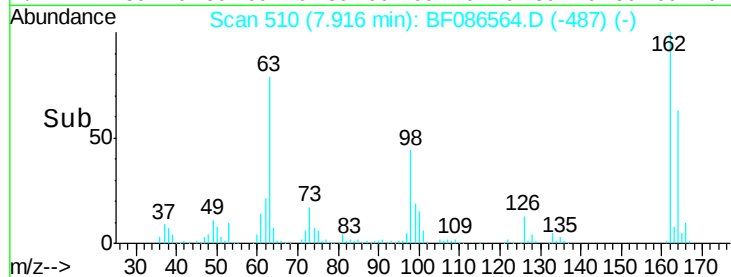
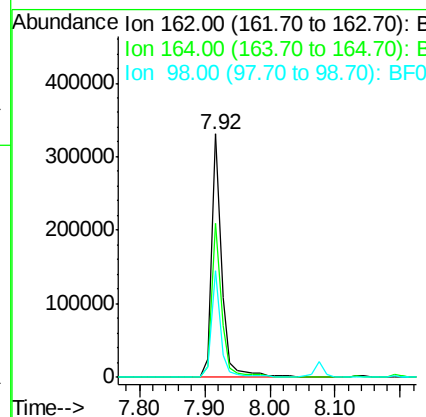
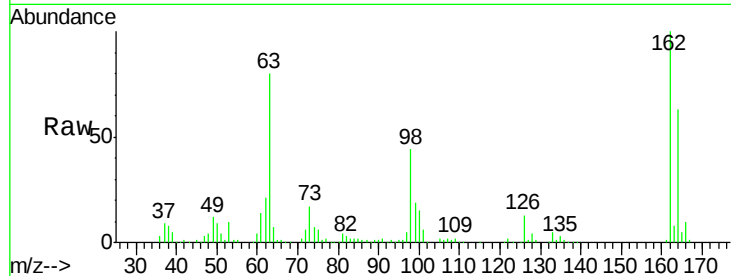
#29
 2,4-Dichlorophenol
 Concen: 41.73 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	361701		
164	63.2	42.2	82.2	
98	43.6	19.0	59.0	

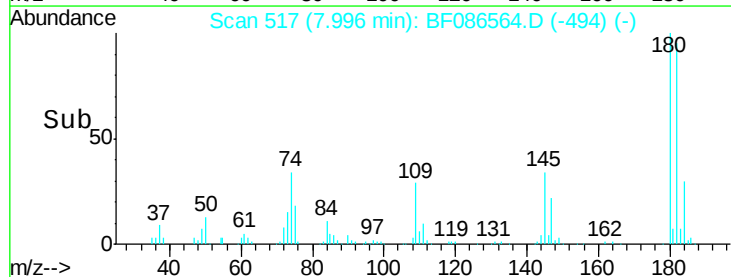
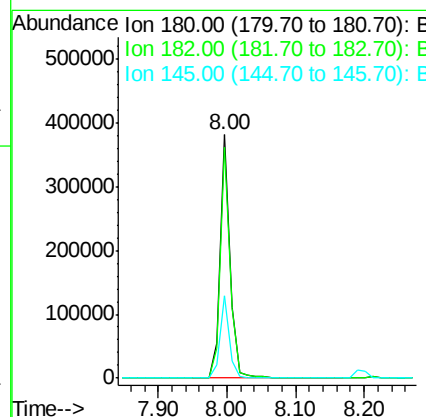
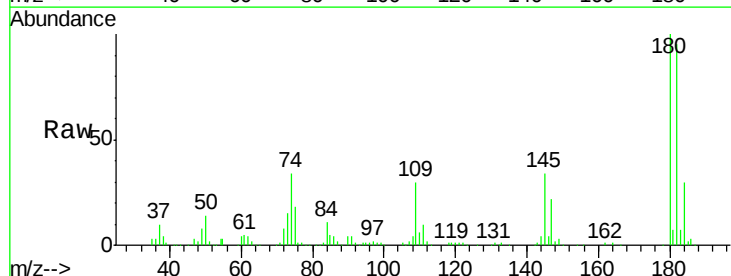
Manual Integrations
 APPROVED

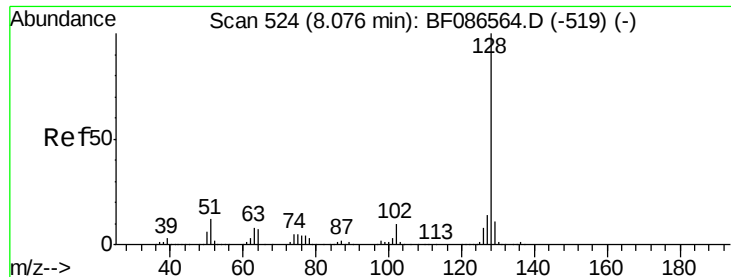
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392174		
182	94.8	78.0	117.0	
145	33.7	24.2	36.2	





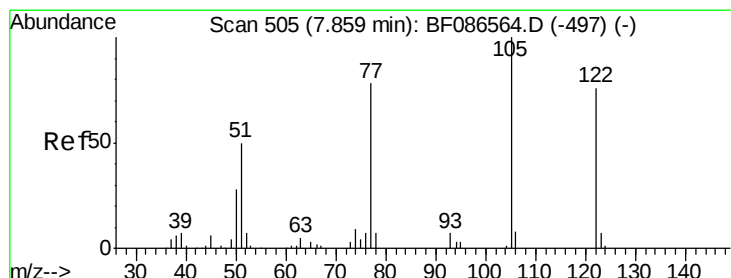
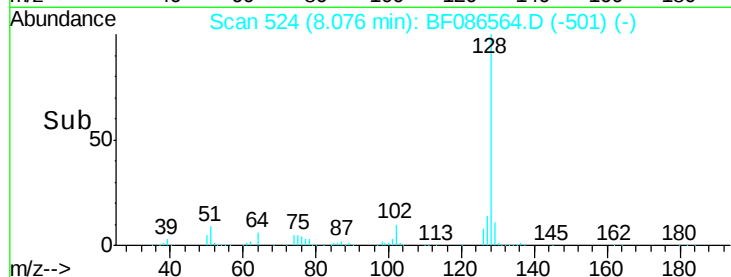
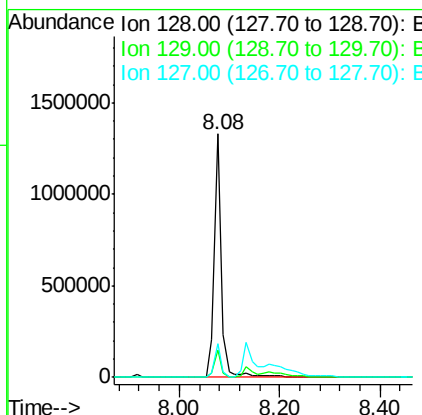
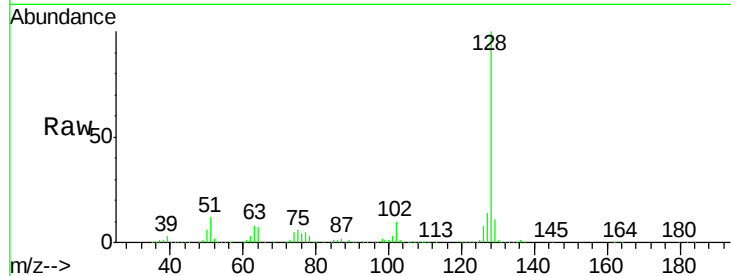
#31
Naphthalene
Concen: 39.23 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1329988
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.9 10.8 16.2

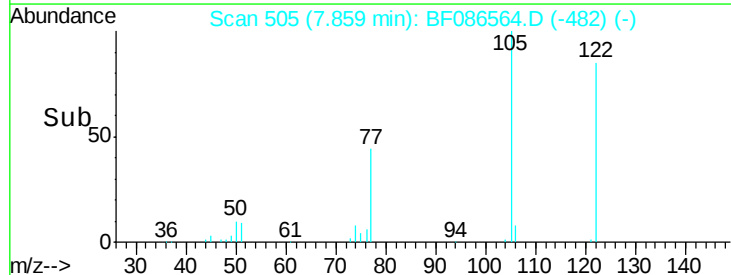
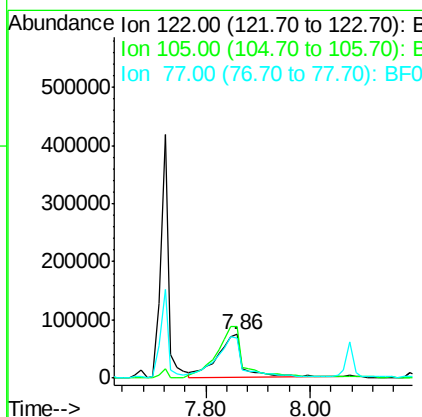
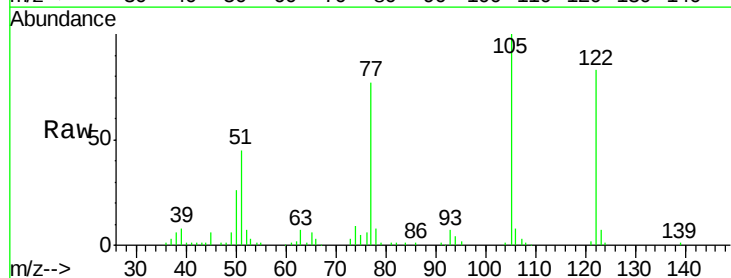
Manual Integrations
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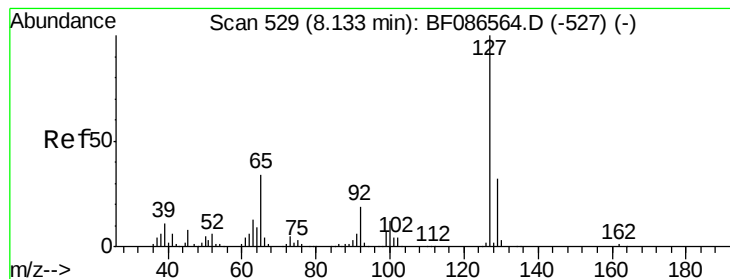
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5/2/2016 7:52:30 PM



#32
Benzoic acid
Concen: 42.23 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion:122 Resp: 254670
Ion Ratio Lower Upper
122 100
105 120.1 92.6 132.6
77 92.3 60.0 100.0





#33

4-Chloroaniline

Concen: 22.07 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF086564.D

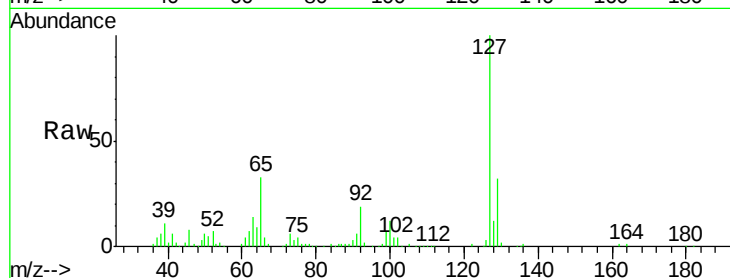
Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

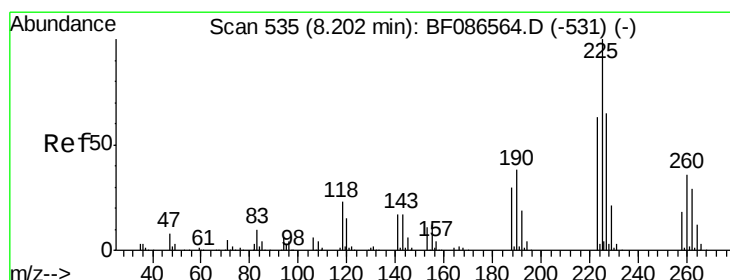
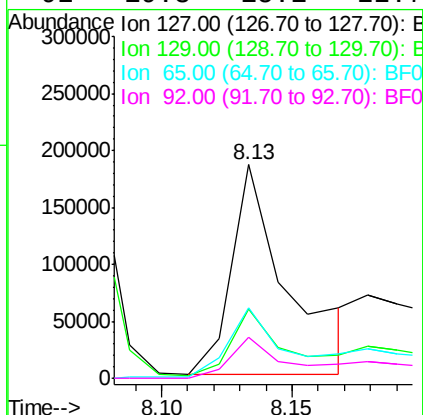
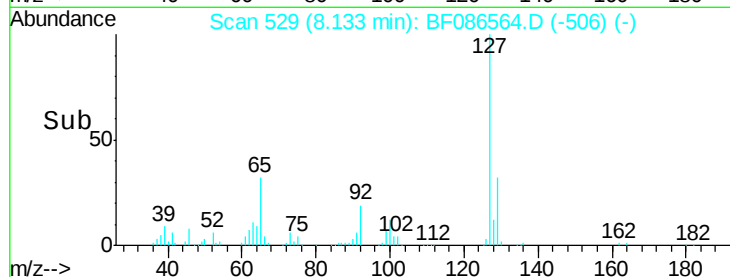
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	280221		
129	32.2	26.2	39.4	
65	33.0	23.0	34.4	
92	19.3	15.1	22.7	

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#34

Hexachlorobutadiene

Concen: 39.05 ng

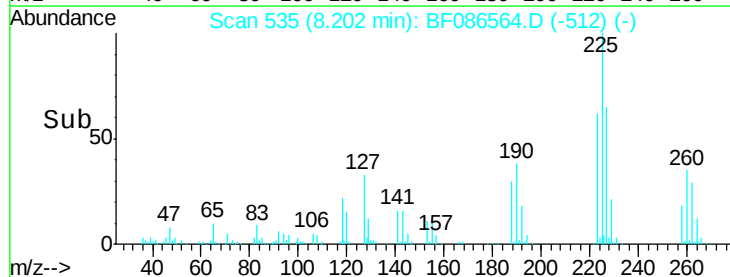
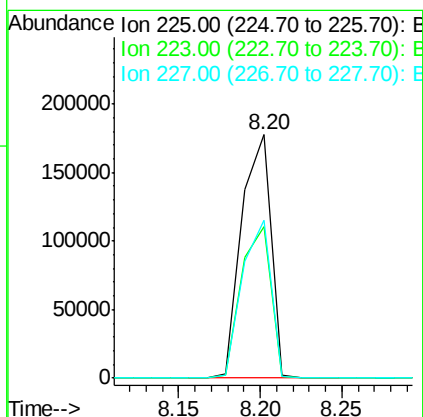
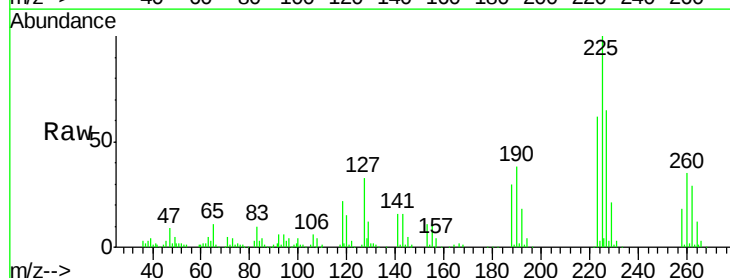
RT: 8.20 min Scan# 535

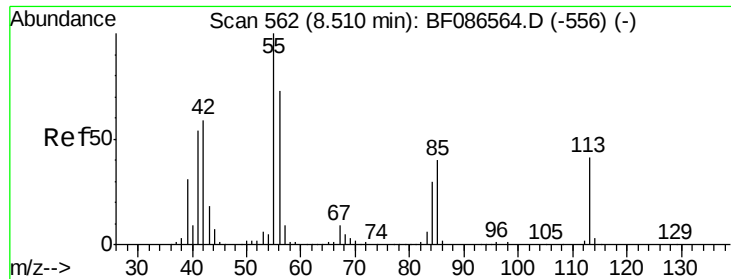
Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	220078		
223	62.0	51.5	77.3	
227	64.8	52.2	78.2	





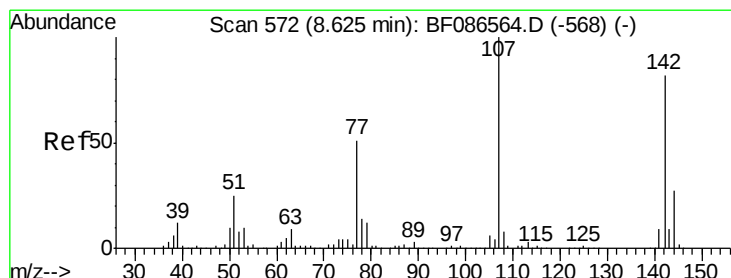
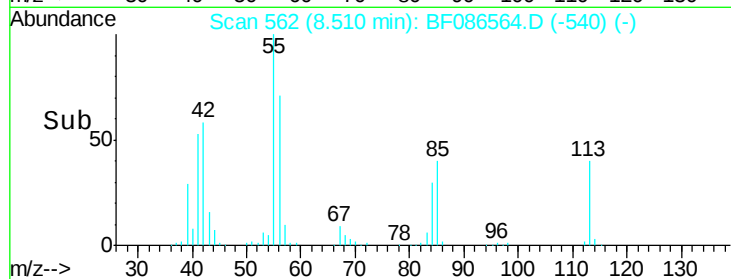
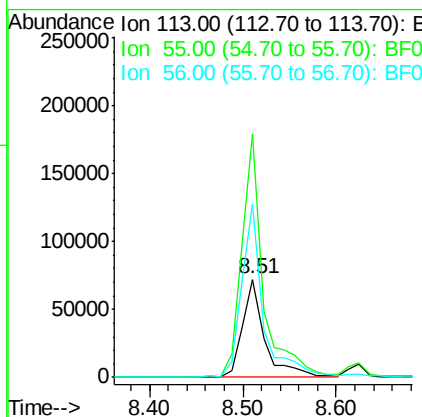
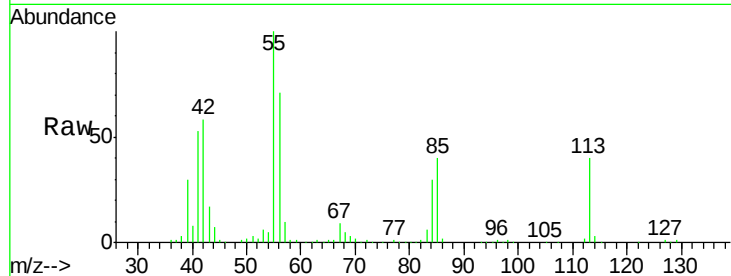
#35
 Caprolactam
 Concen: 41.52 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	247.9	162.0	202.0#
56	176.8	115.3	155.3#

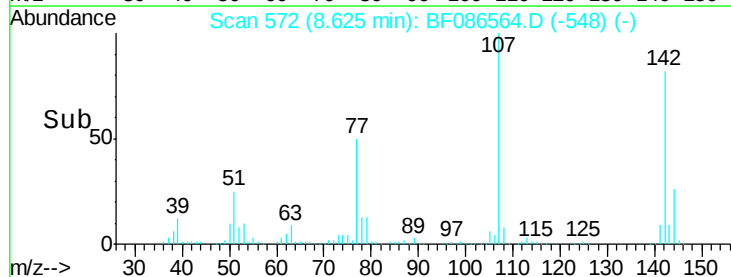
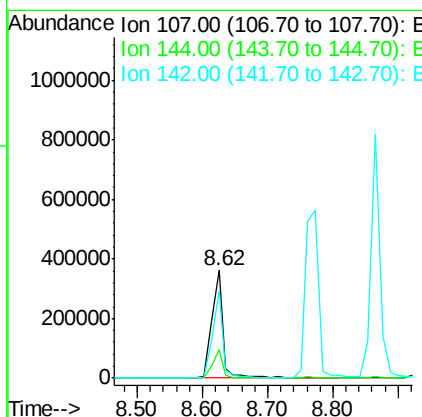
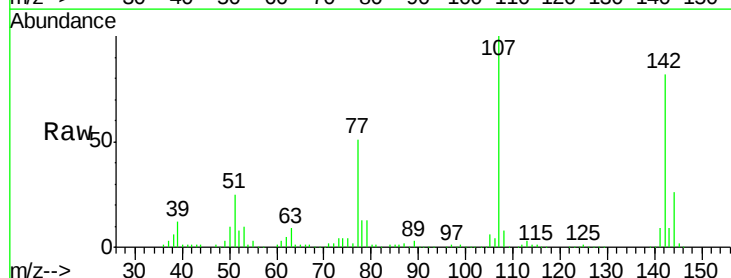
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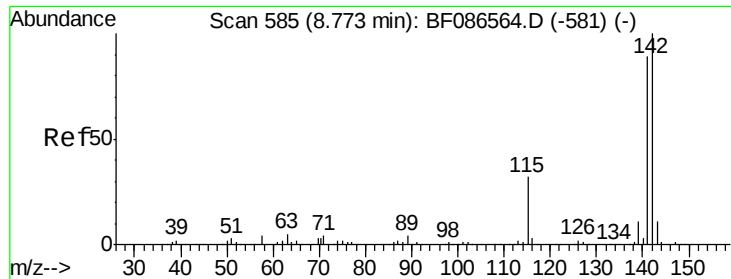
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#36
 4-Chloro-3-methylphenol
 Concen: 44.17 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.7	31.1
142	81.6	63.2	94.8





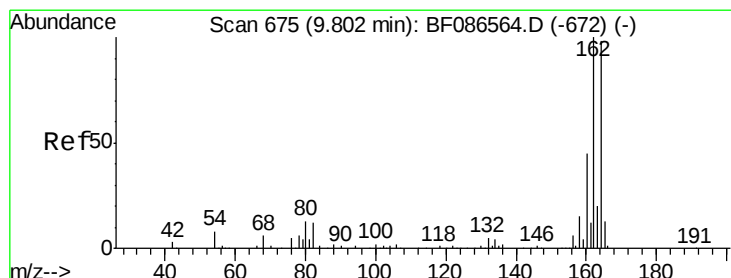
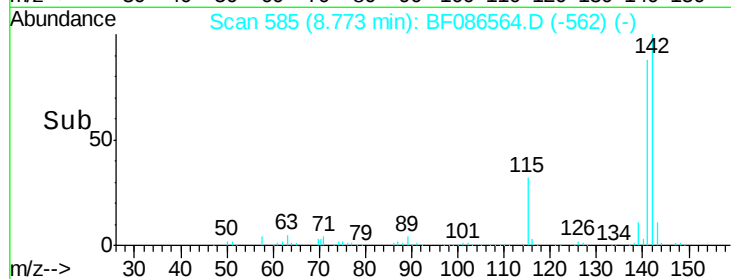
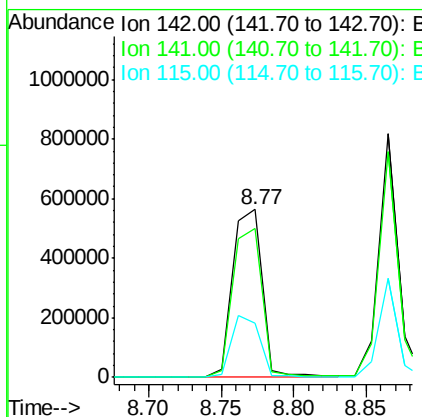
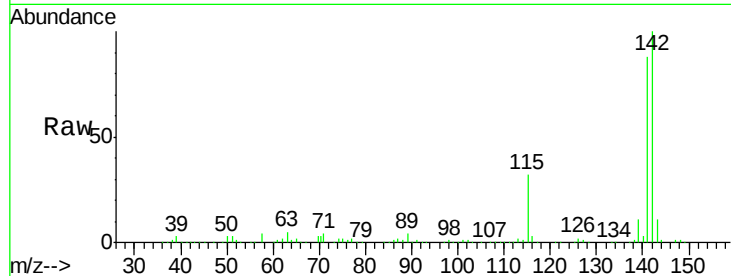
#37
 2-Methylnaphthalene
 Concen: 39.95 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	799251		
141	88.4	71.0	106.6	
115	32.1	26.6	39.8	

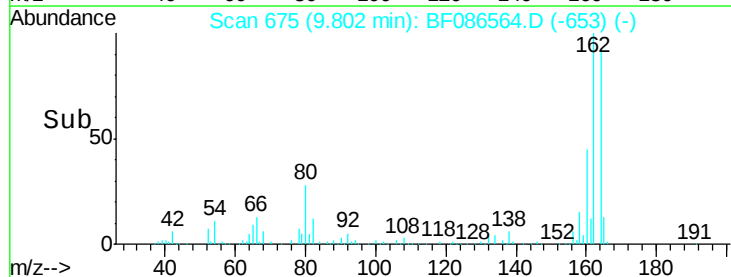
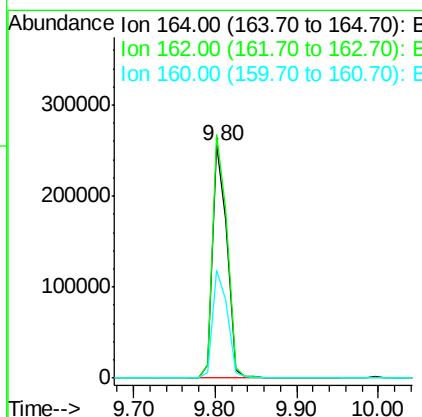
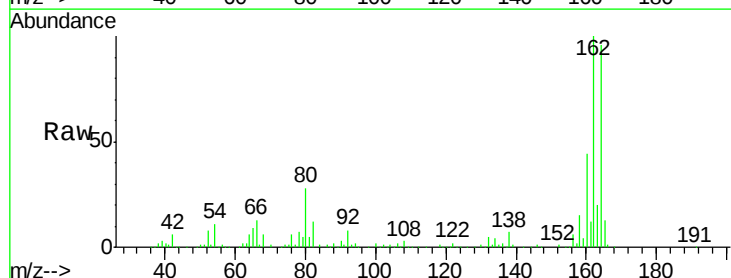
Manual Integrations
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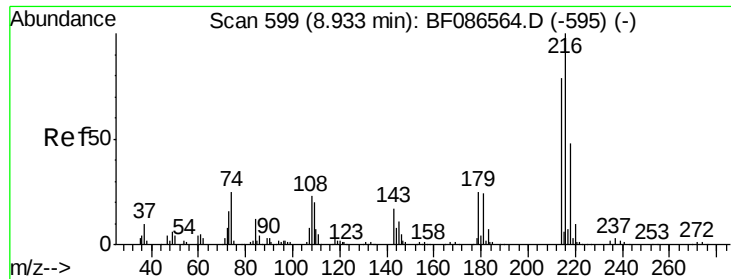
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	316861		
162	104.5	82.8	124.2	
160	46.3	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.37 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086564.D

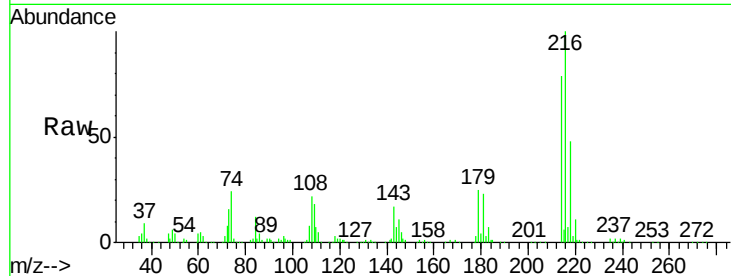
Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

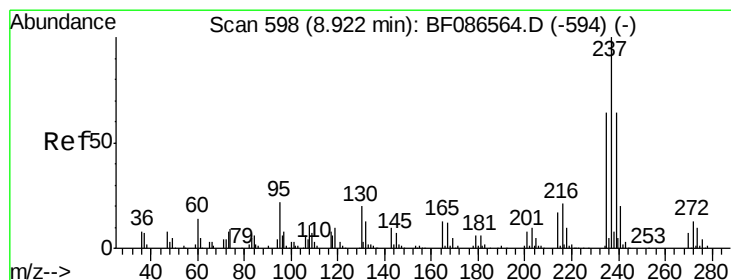
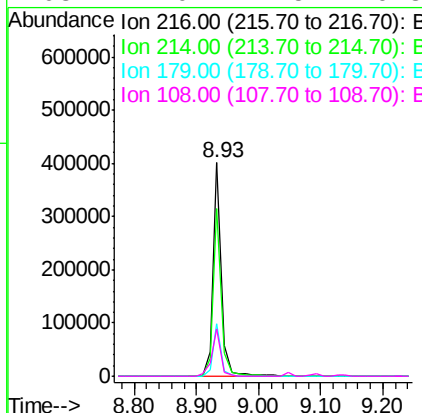
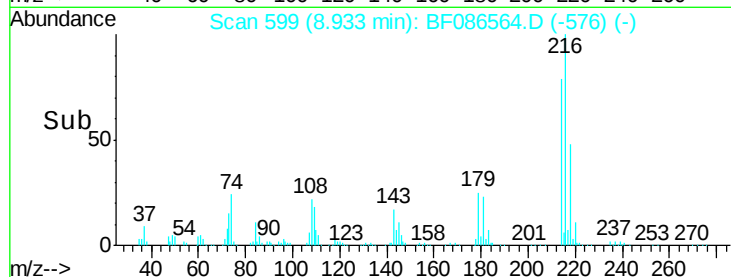
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	366169		
214	78.0	62.6	93.8	
179	23.9	18.2	27.4	
108	24.0	17.5	26.3	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 37.05 ng

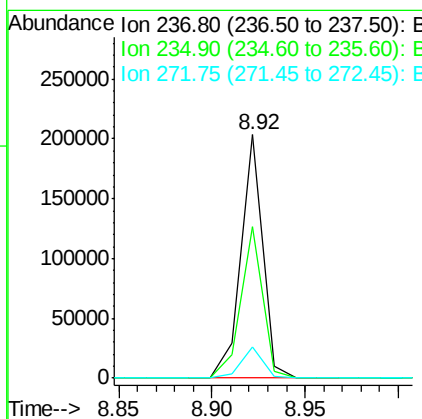
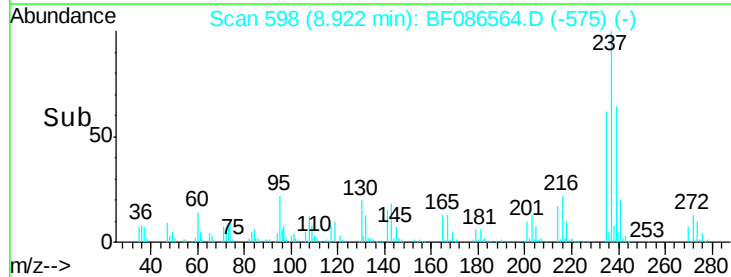
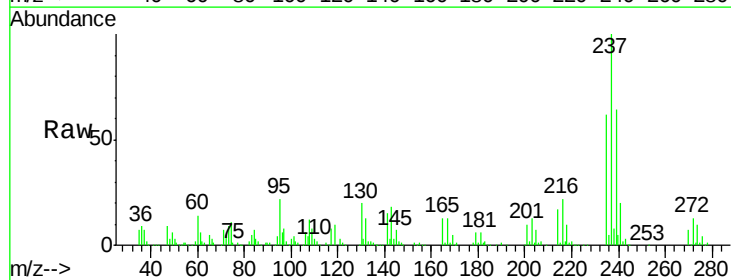
RT: 8.92 min Scan# 598

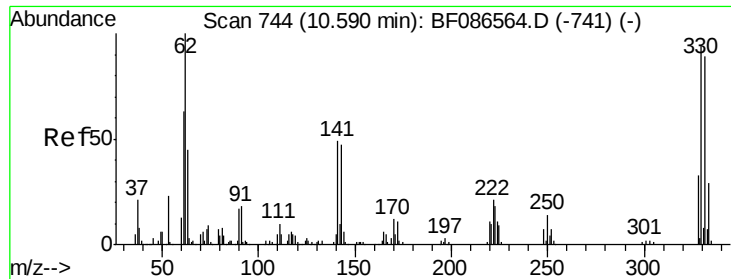
Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	166983		
235	62.2	47.2	87.2	
272	12.6	0.0	31.1	





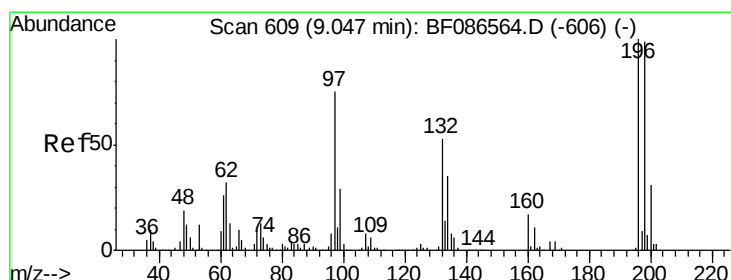
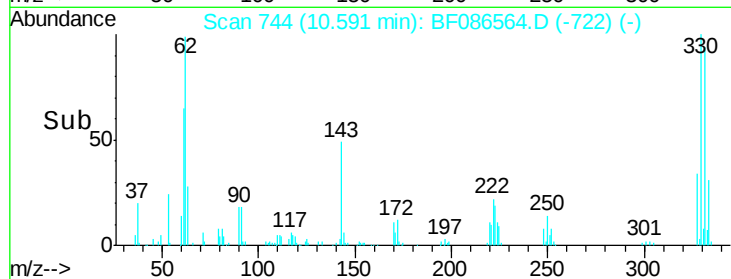
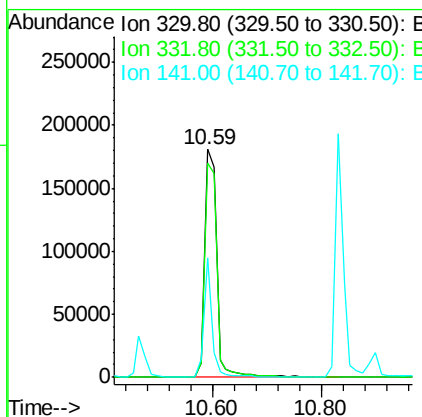
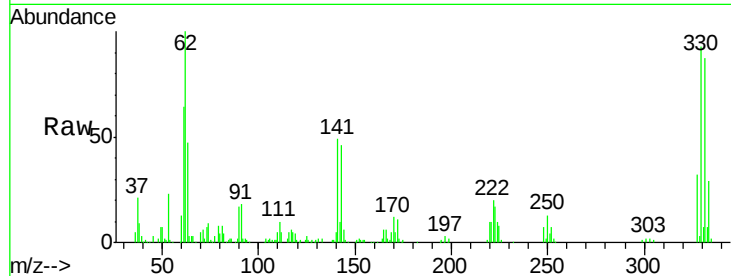
#41
 2,4,6-Tribromophenol
 Concen: 82.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampled :
 SSTDC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	276187		
332	95.8	79.0	118.4	
141	34.9	31.2	46.8	

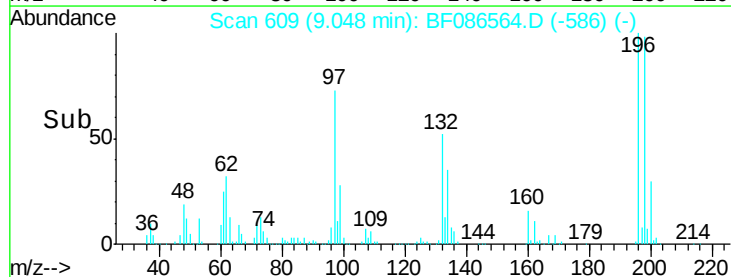
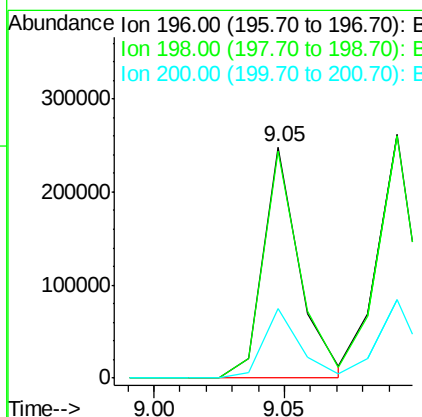
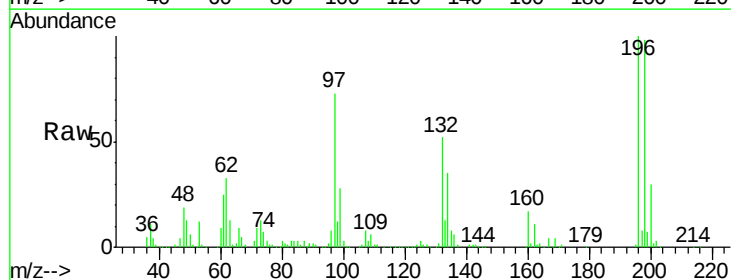
Manual Integrations
 APPROVED

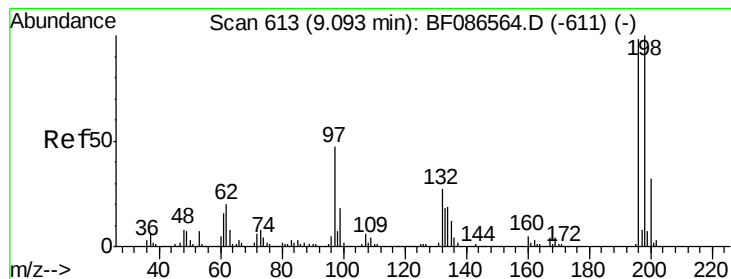
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 5/2/2016 7:52:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.03 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

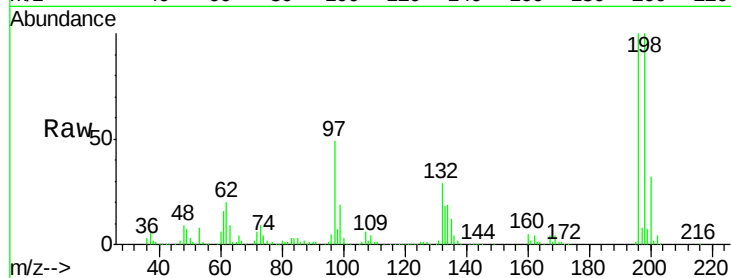
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240950		
198	98.0	74.7	112.1	
200	30.3	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 42.87 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

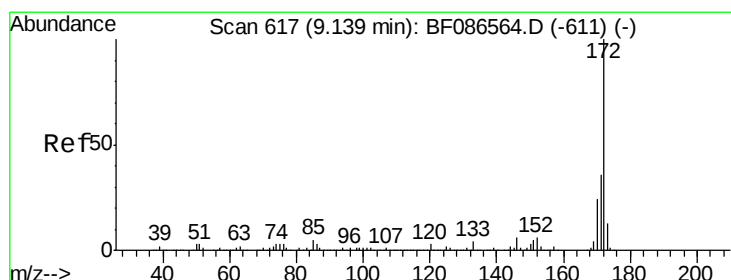
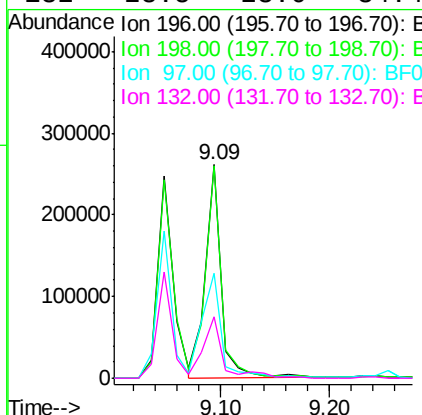
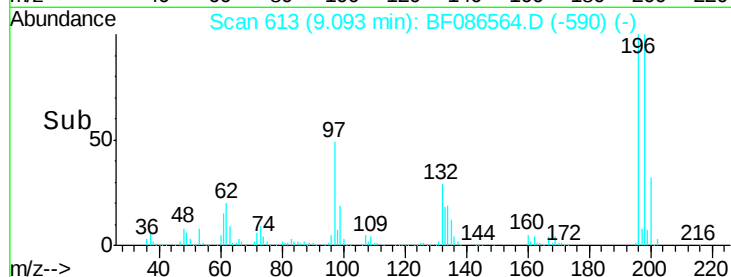
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267904		
198	99.6	77.5	116.3	
97	49.4	34.8	52.2	
132	28.5	23.0	34.4	

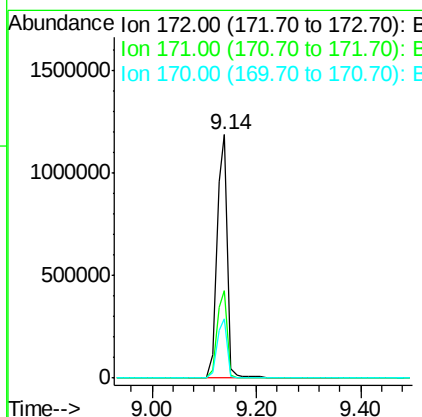
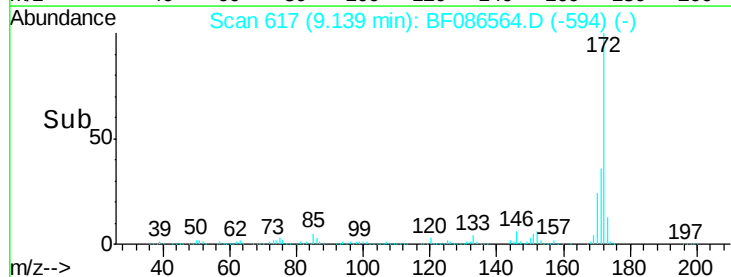
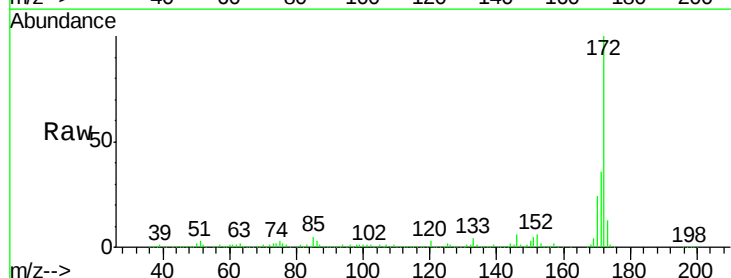
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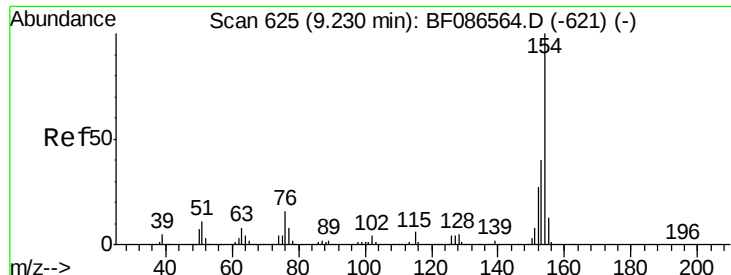
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#44
 2-Fluorobiphenyl
 Concen: 90.92 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1621932		
171	35.7	29.0	43.6	
170	24.3	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 37.25 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

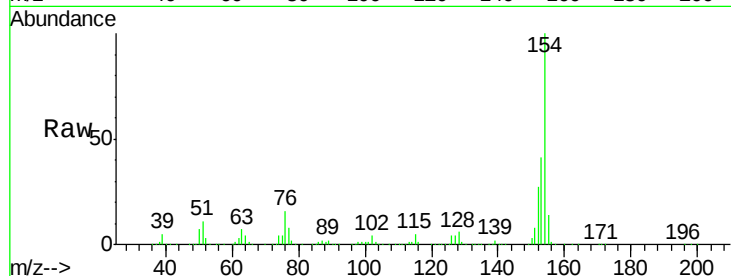
ClientSampleId :

SSTDCCC040

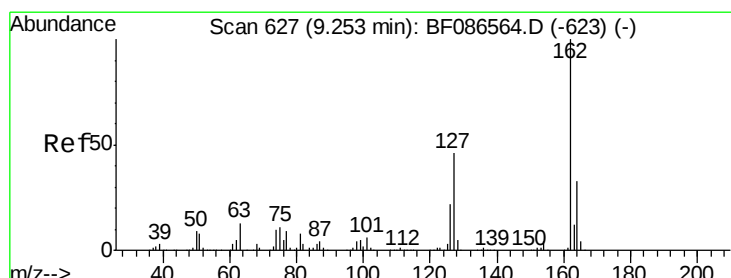
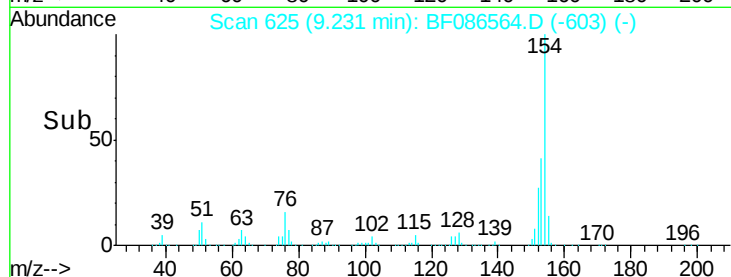
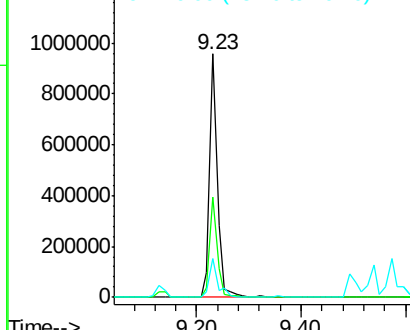
Tgt Ion:	154	Resp:	986506
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.3	60.3
76	15.9	0.0	30.2

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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: 38.15 ng

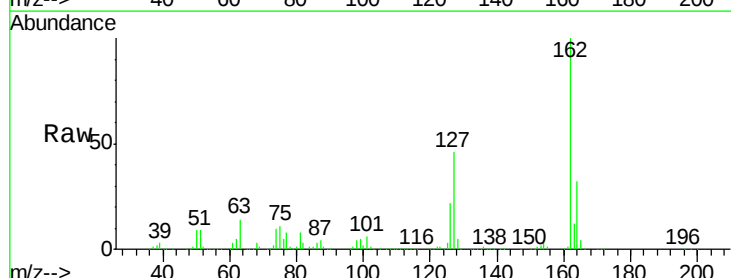
RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

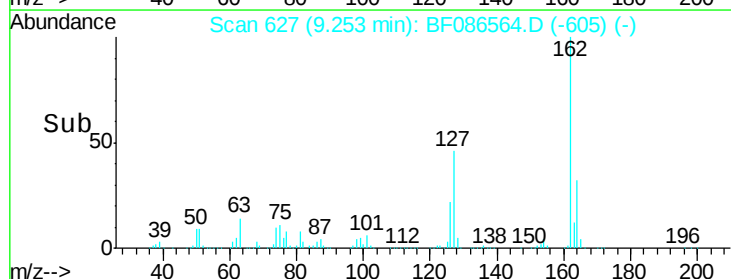
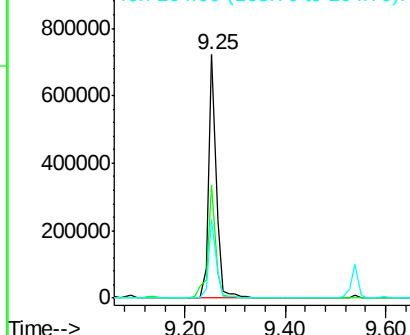
Lab File: BF086564.D

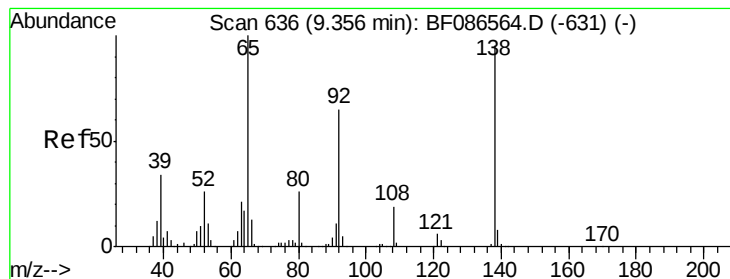
Acq: 1 May 2016 11:23

Tgt Ion:	162	Resp:	768339
Ion Ratio	Lower	Upper	
162	100		
127	46.4	31.8	47.6
164	32.4	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: 47.55 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 65 Resp: 307089
Ion Ratio Lower Upper

65 100

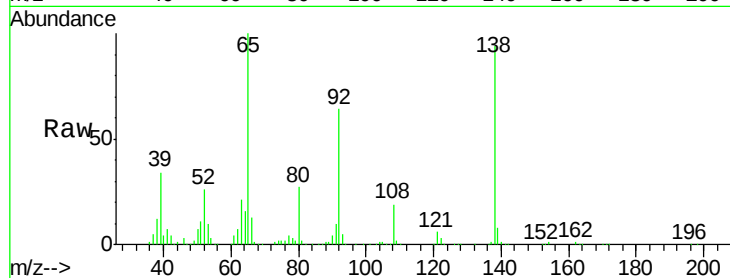
92 63.6 57.4 86.2

138 93.6 90.1 135.1

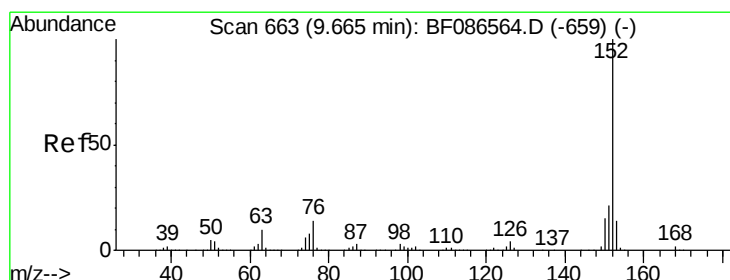
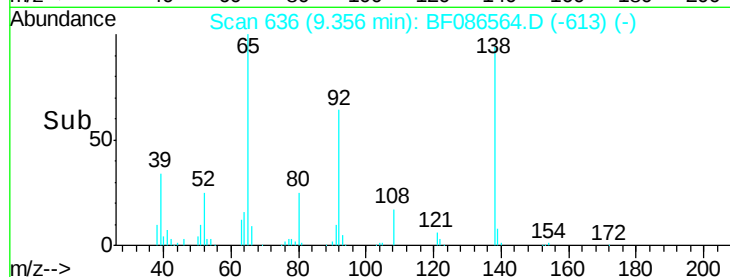
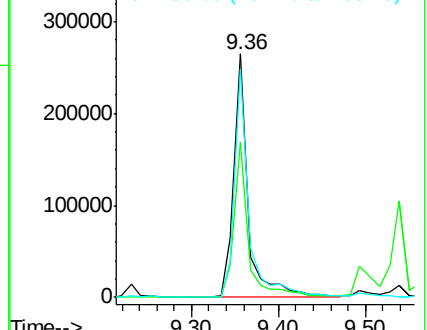
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.19 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF086564.D

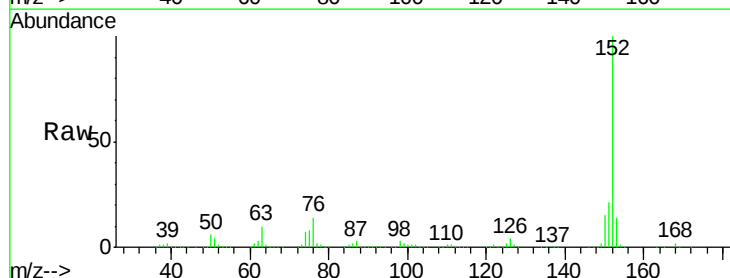
Acq: 1 May 2016 11:23

Tgt Ion: 152 Resp: 1202201
Ion Ratio Lower Upper

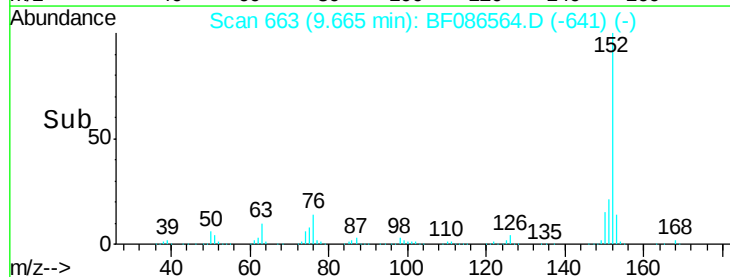
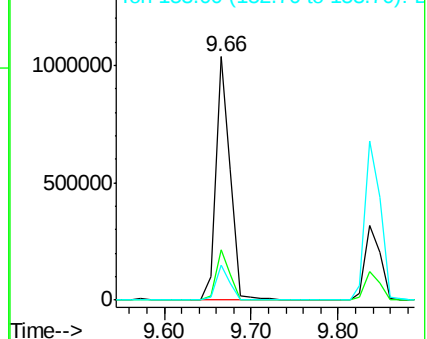
152 100

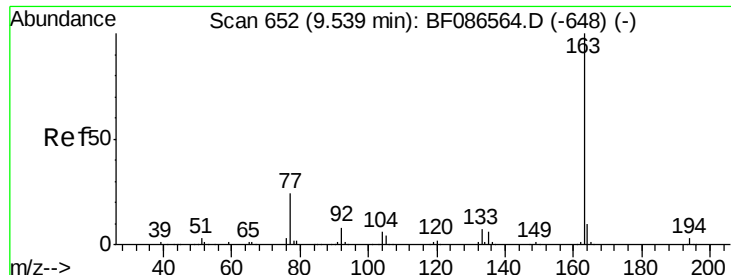
151 20.8 16.8 25.2

153 14.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





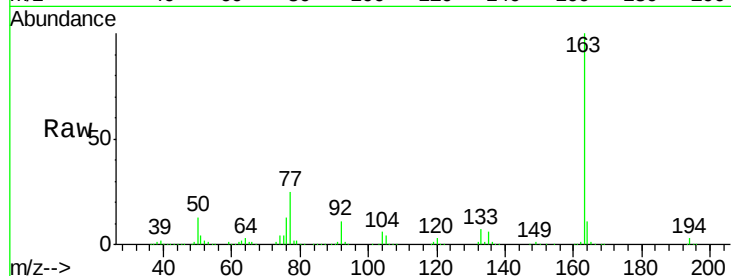
#49
Dimethylphthalate
Concen: 39.41 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

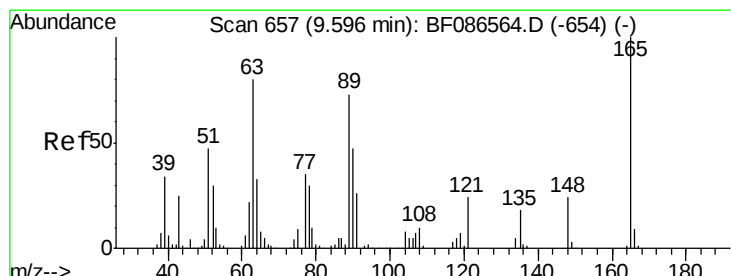
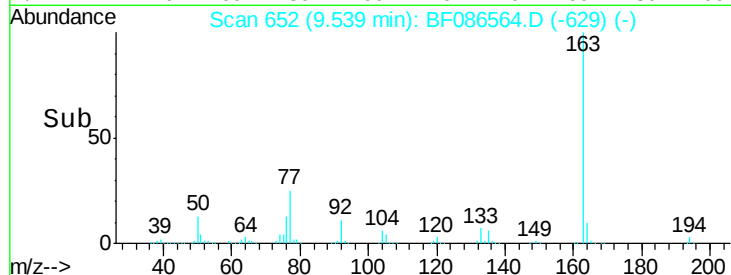
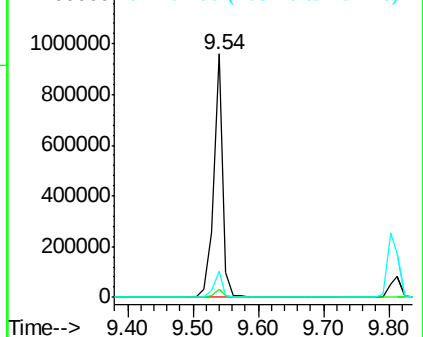
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.2	12.4

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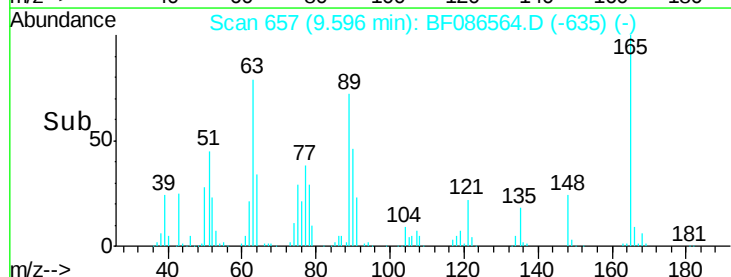
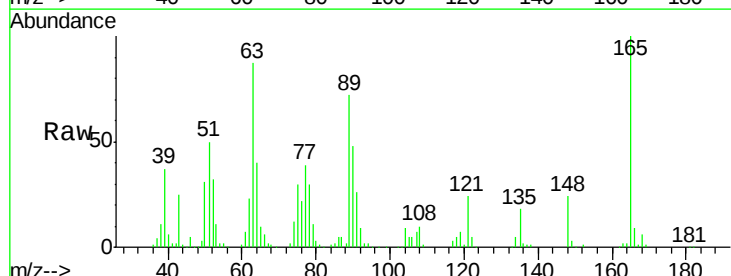
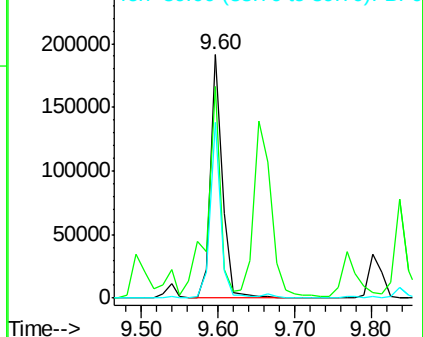
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

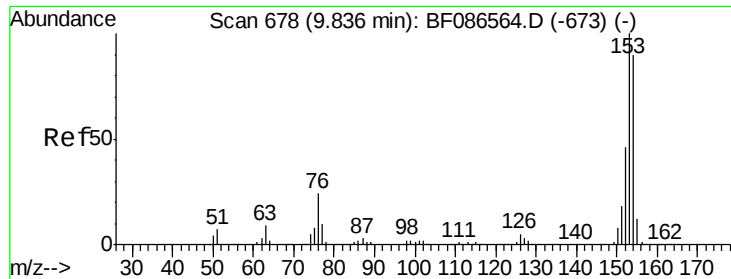


#50
2,6-Dinitrotoluene
Concen: 41.42 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	86.8	51.8	77.8#
89	72.0	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: 39.81 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

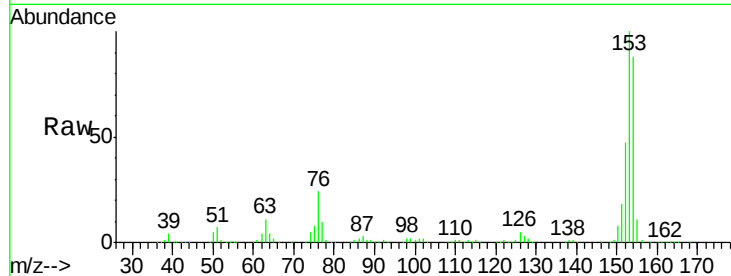
ClientSampled :

SSTDCCC040

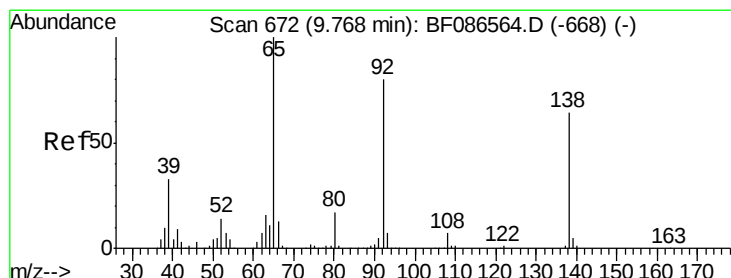
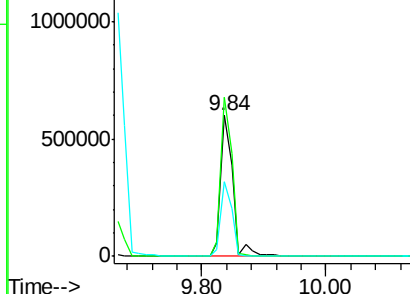
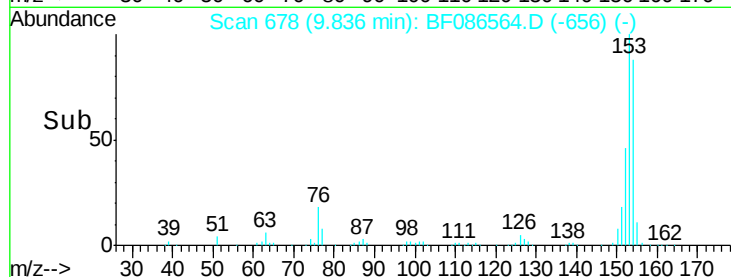
Tgt Ion:	154	Resp:	804842
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	52.8	43.4	65.0

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5/2/2016 7:52:30 PM



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



#52

3-Nitroaniline

Concen: 43.80 ng

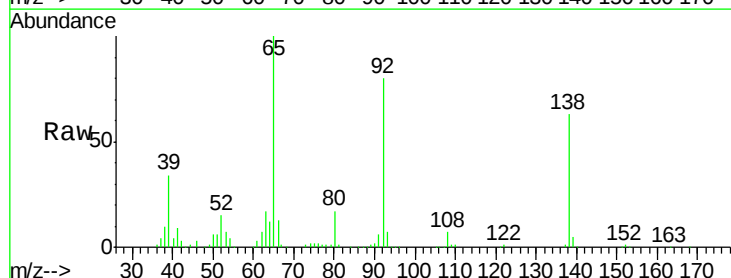
RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

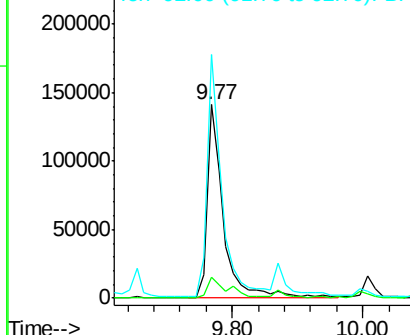
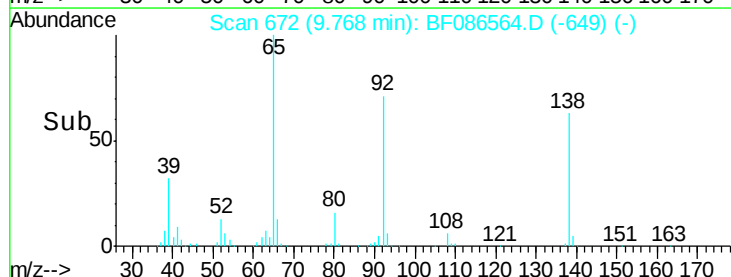
Lab File: BF086564.D

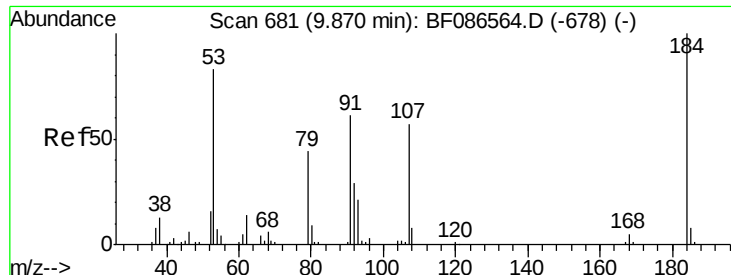
Acq: 1 May 2016 11:23

Tgt Ion:	138	Resp:	245492
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.8	11.6
92	125.8	87.8	131.8



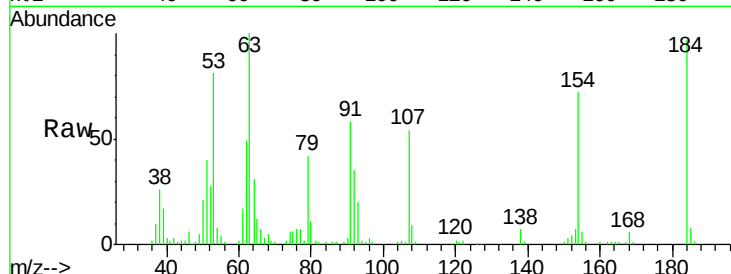
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 41.09 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

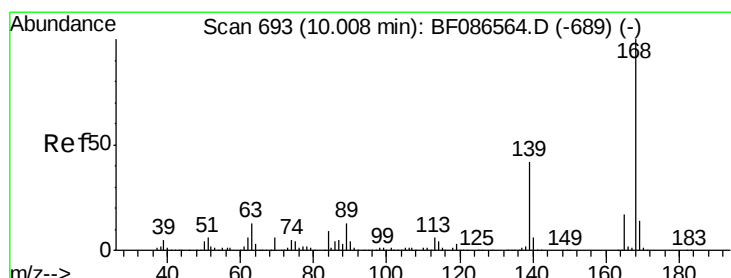
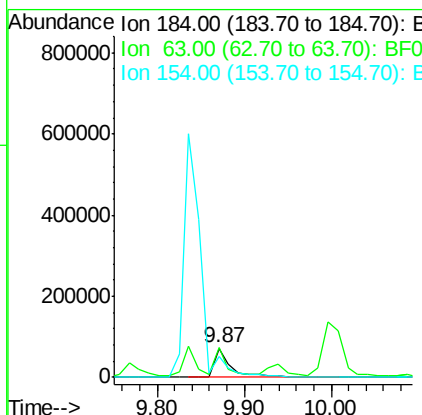
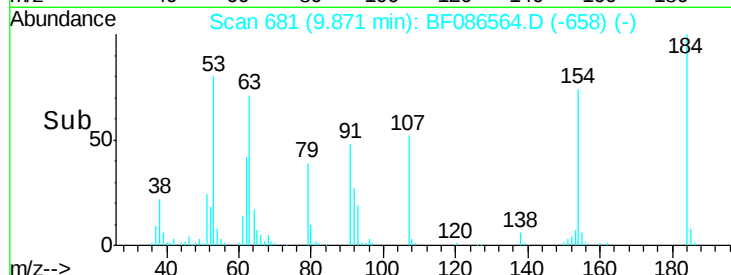
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99341		
63	103.4	55.8	83.8#	
154	74.6	62.4	93.6	

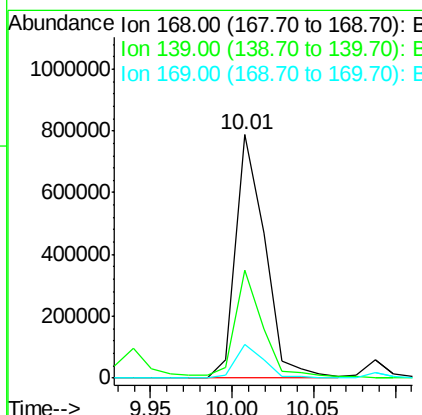
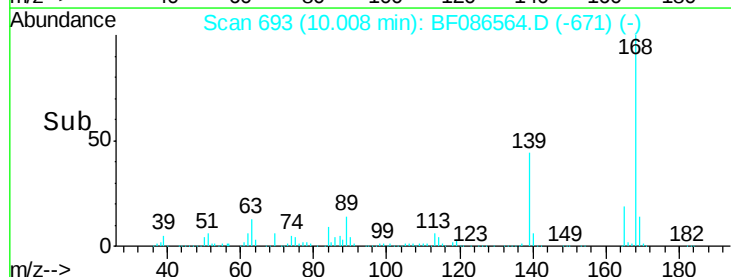
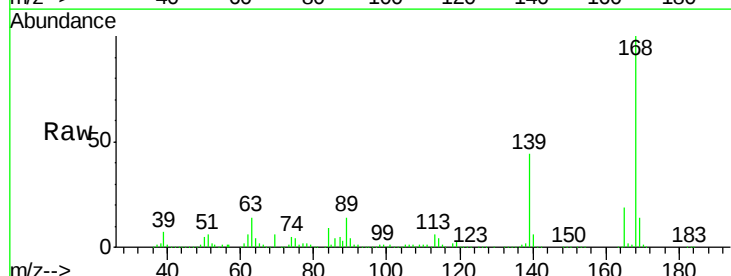
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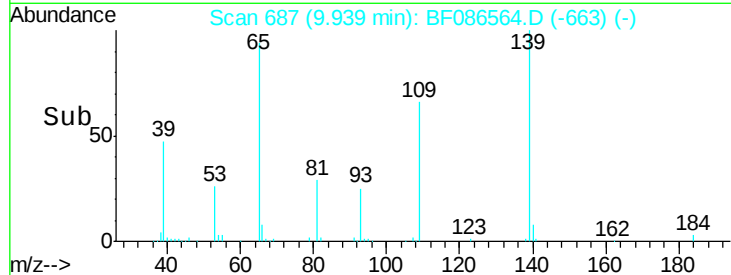
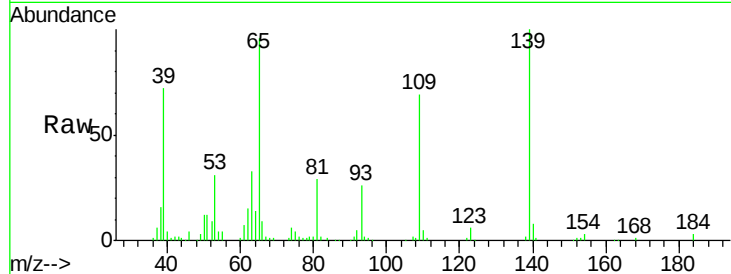
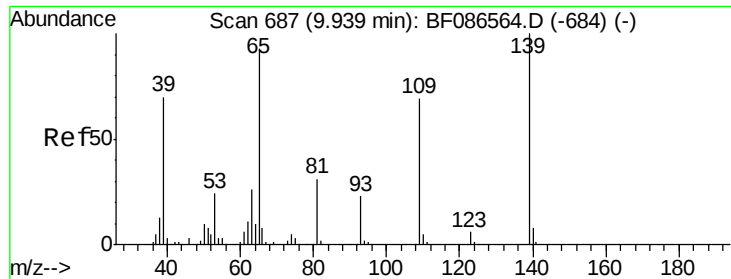
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5/2/2016 7:52:30 PM



#54
Dibenzofuran
Concen: 38.47 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	972164		
139	44.1	31.4	47.0	
169	14.1	10.7	16.1	





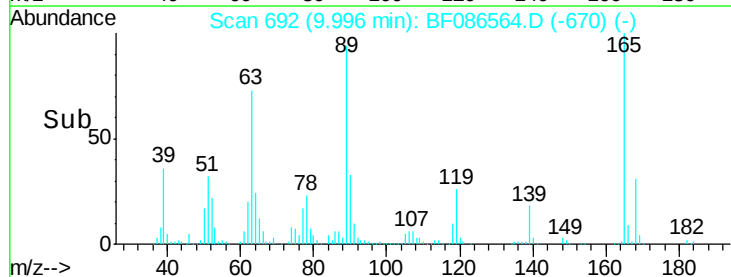
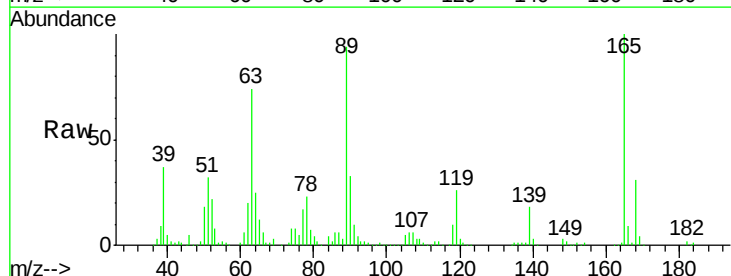
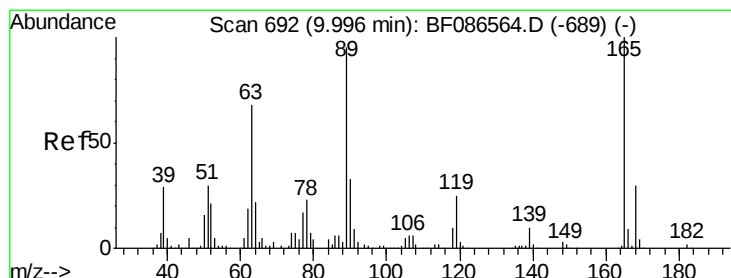
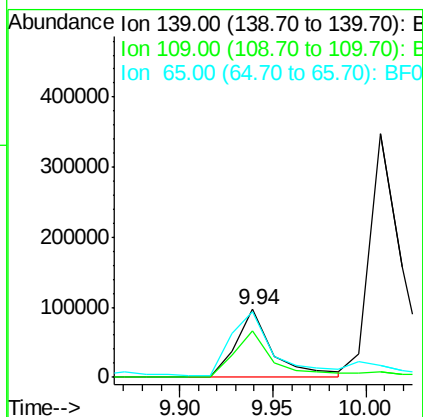
#55
4-Nitrophenol
Concen: 37.07 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	136017		
109	69.1	36.9	76.9	
65	96.5	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

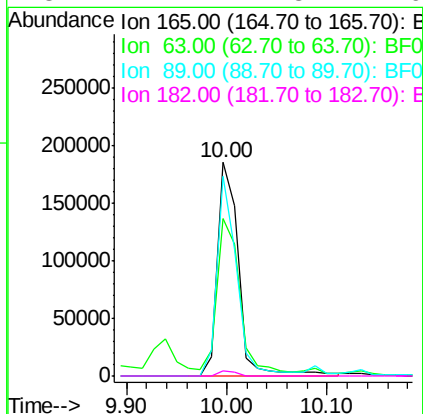
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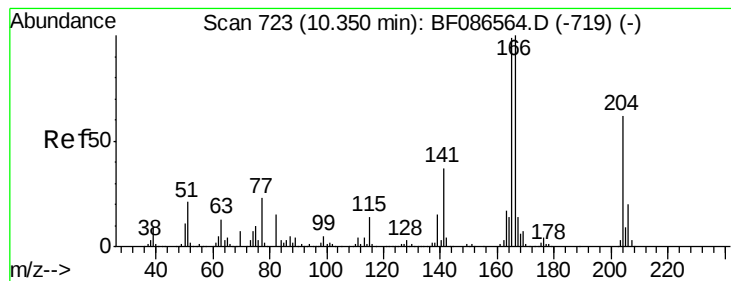
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#56
2,4-Dinitrotoluene
Concen: 42.90 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	269483		
63	73.8	44.3	66.5#	
89	93.7	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 35.17 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086564.D

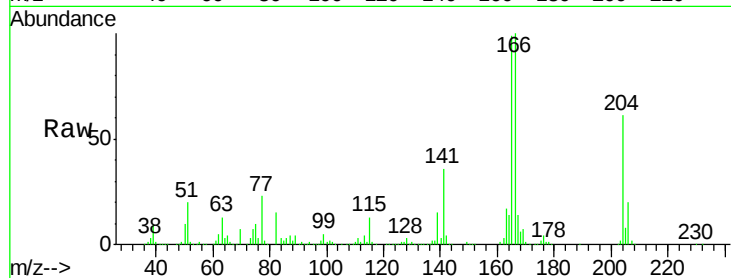
Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:166 Resp: 771620

Ion Ratio Lower Upper

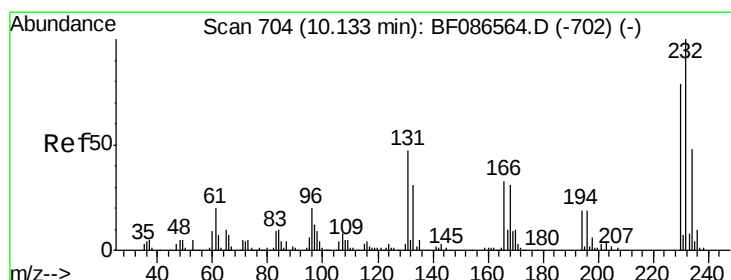
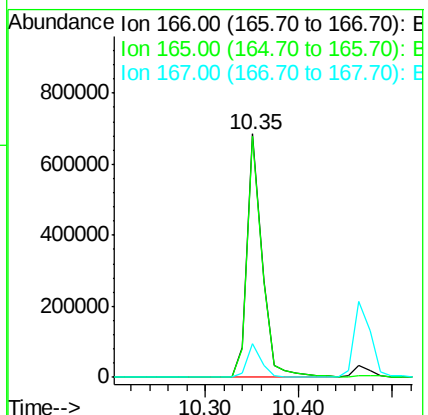
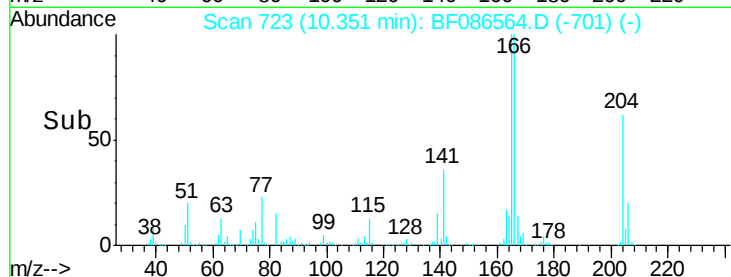
166 100

165 99.1 79.0 118.6

167 13.9 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.57 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:232 Resp: 207976

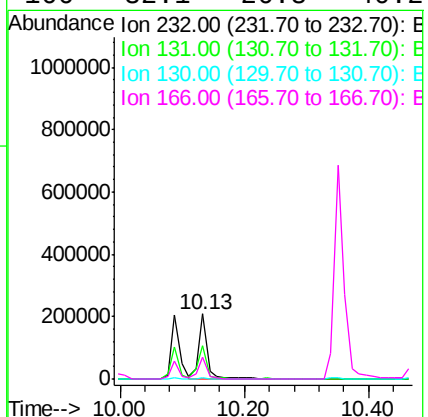
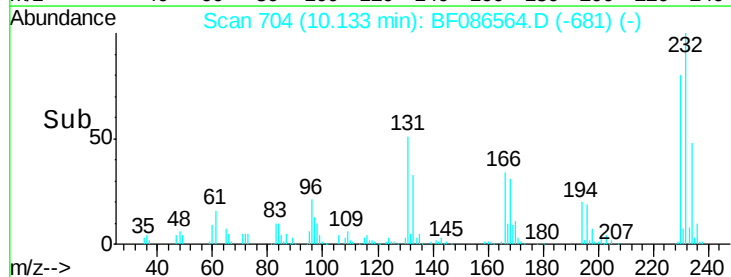
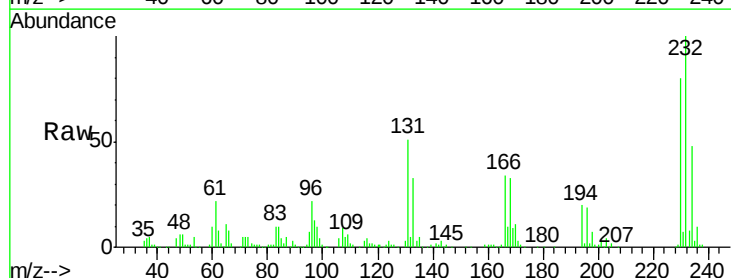
Ion Ratio Lower Upper

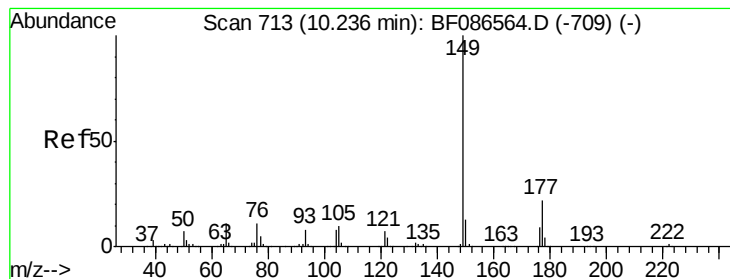
232 100

131 53.0 41.9 62.9

130 2.5 2.2 3.4

166 32.1 26.8 40.2





#59

Diethylphthalate

Concen: 42.15 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

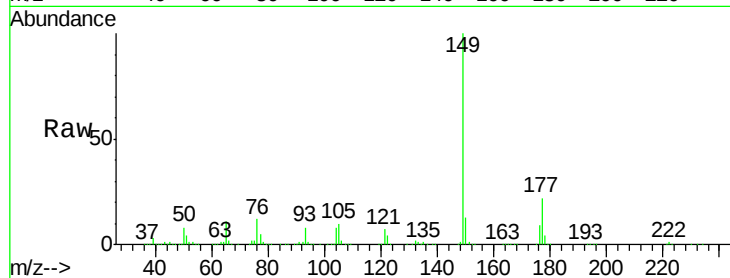
ClientSampleId :

SSTDCCC040

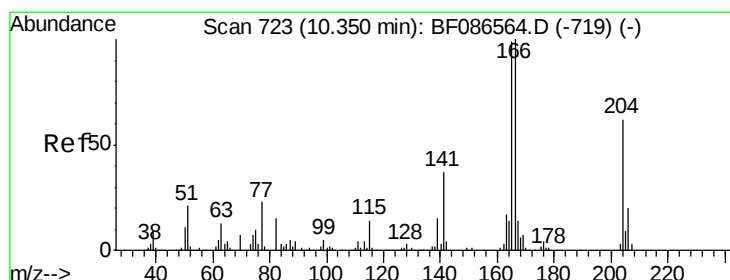
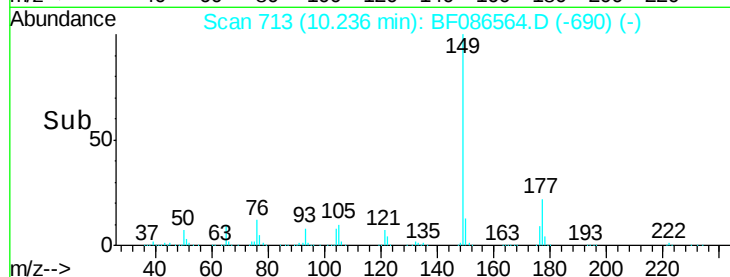
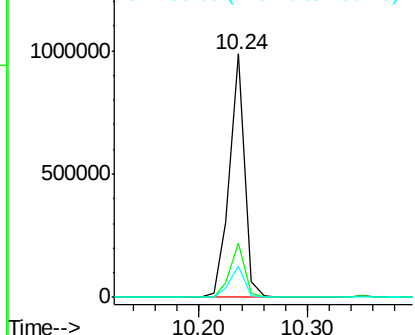
Tgt Ion:	149	Resp:	951834
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.6	24.8
150	12.9	10.0	15.0

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



#60

4-Chlorophenyl-phenylether

Concen: 41.42 ng

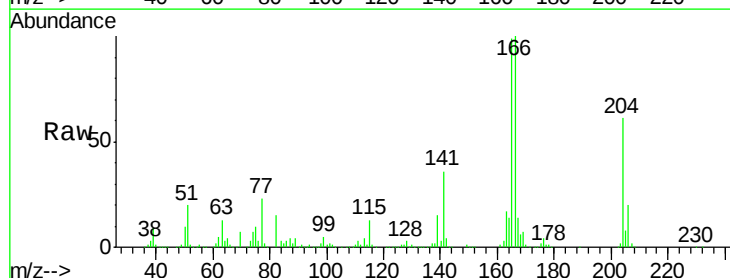
RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

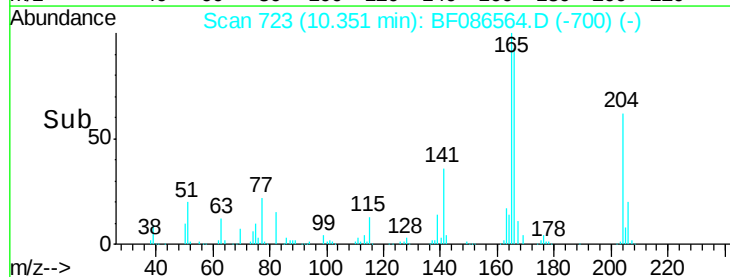
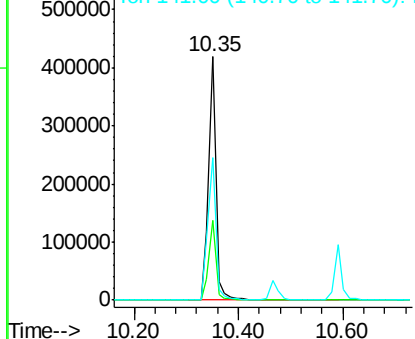
Lab File: BF086564.D

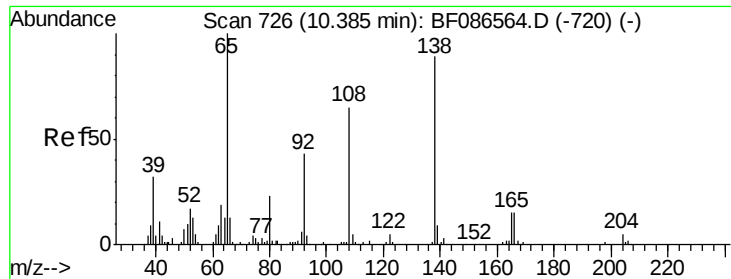
Acq: 1 May 2016 11:23

Tgt Ion:	204	Resp:	412569
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.4	38.0
141	58.5	61.6	92.4#



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





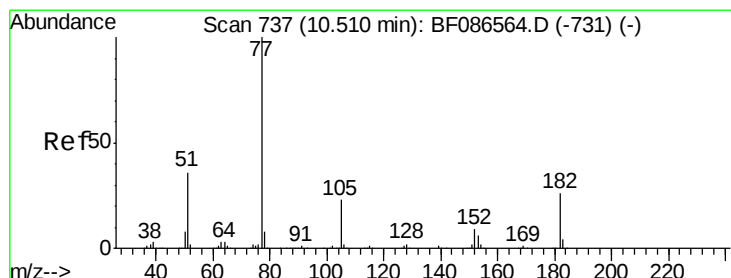
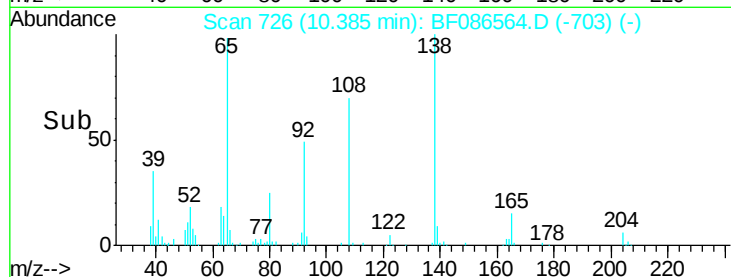
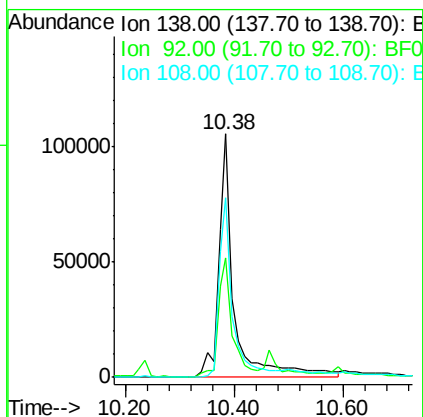
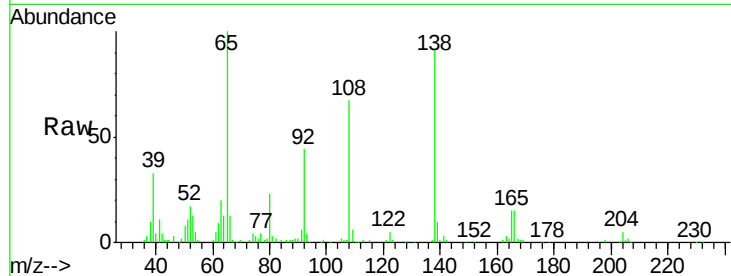
#61
4-Nitroaniline
Concen: 38.59 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	24.7	64.7
108	74.0	37.4	77.4

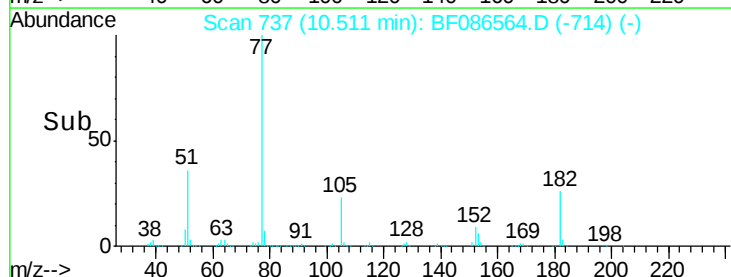
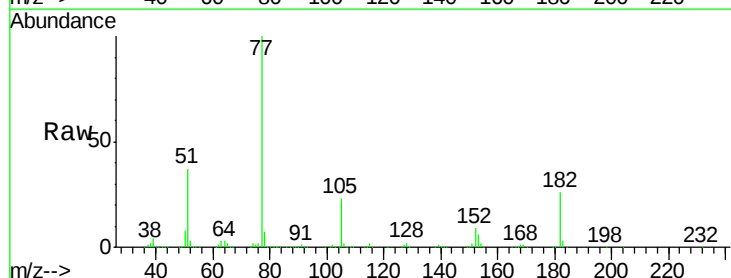
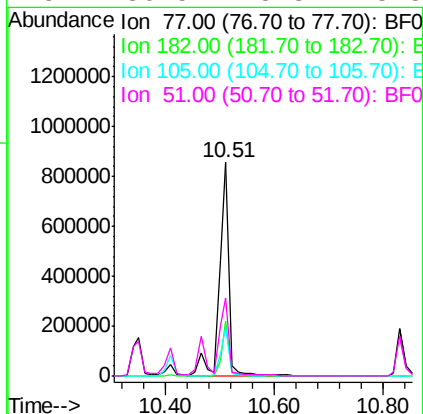
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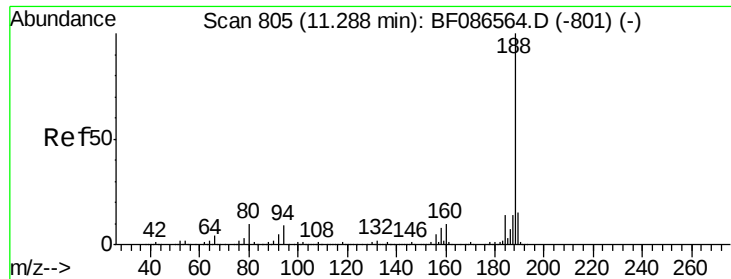
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#62
Azobenzene
Concen: 43.46 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	0.0	38.8
105	23.0	3.2	43.2
51	36.5	8.8	48.8





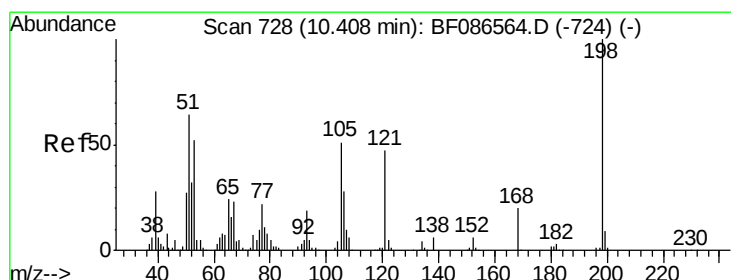
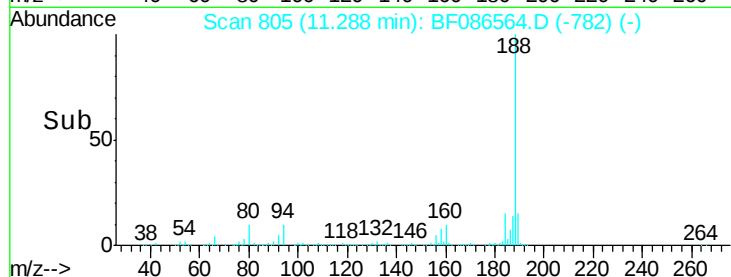
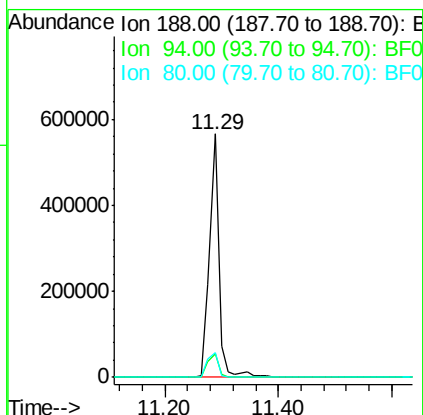
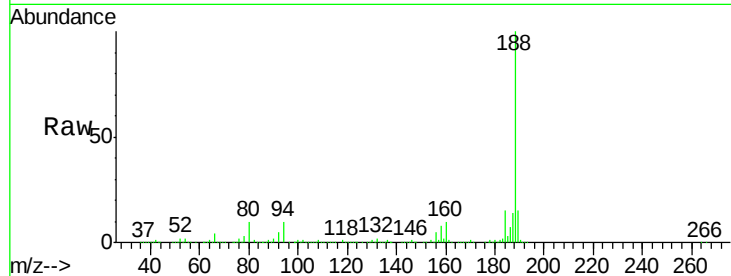
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		634213		
94	9.7	6.8	10.2		
80	9.9	7.1	10.7		

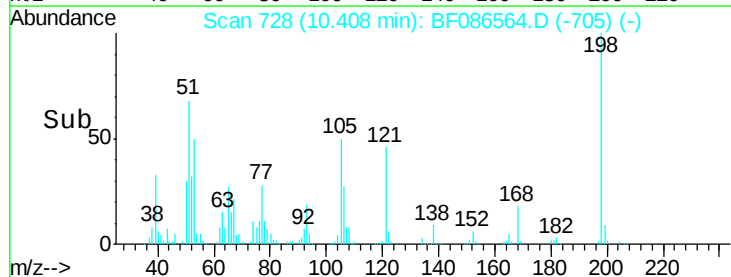
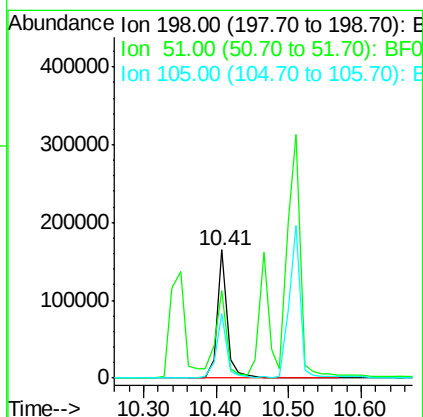
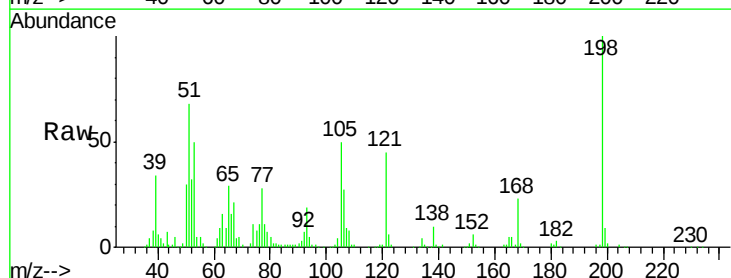
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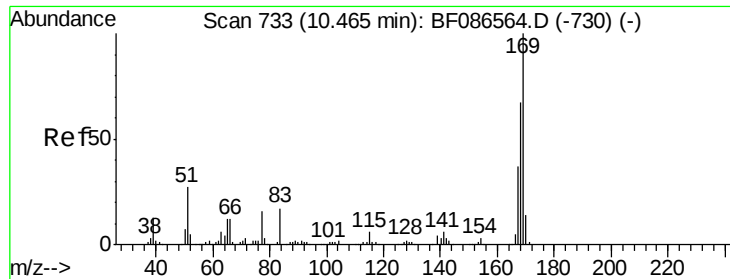
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.90 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		159722		
51	68.4	20.5	60.5#		
105	49.8	24.5	64.5		





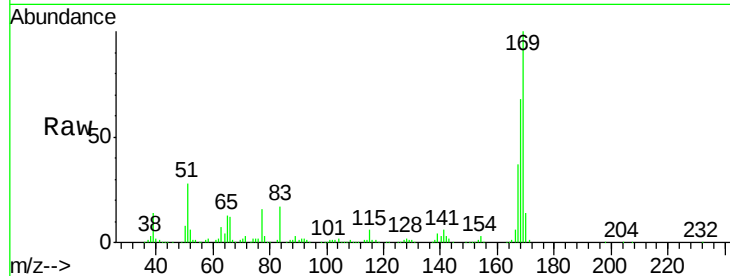
#65
 n-Nitrosodiphenylamine
 Concen: 36.08 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

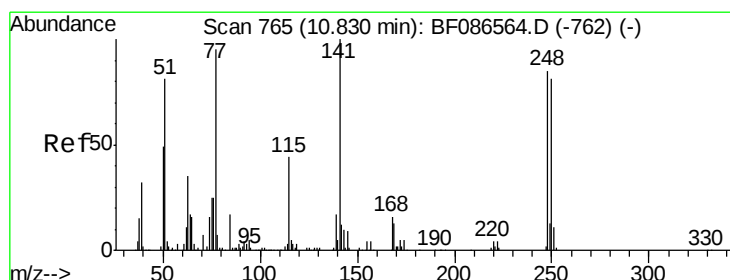
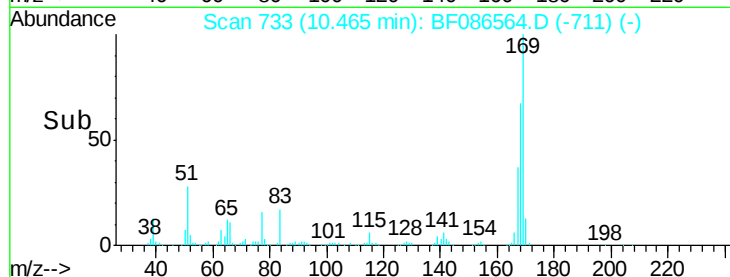
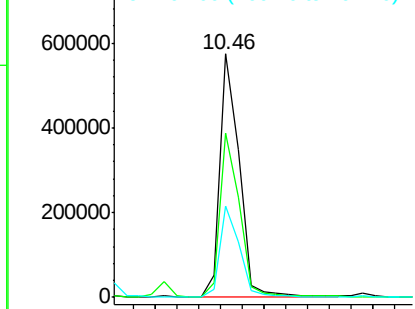
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	715093		
168	67.6	53.8	80.6	
167	37.4	29.5	44.3	

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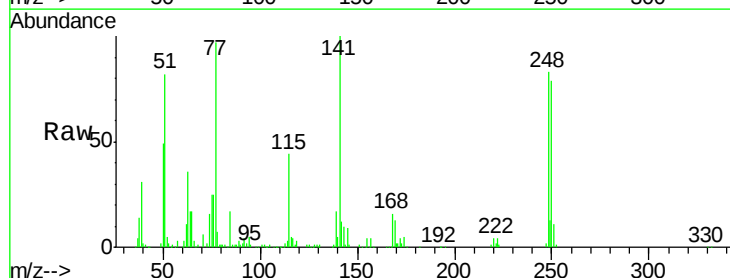


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

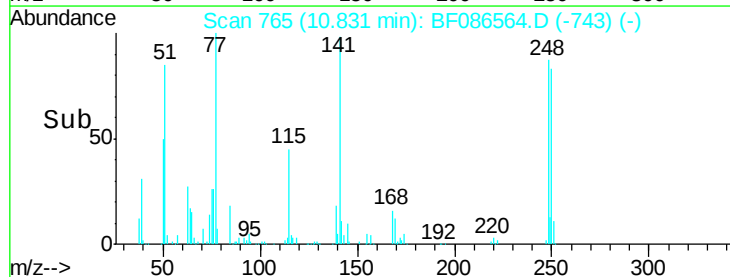
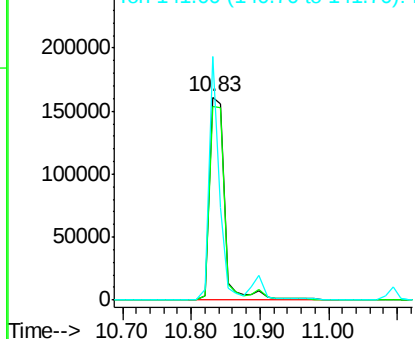


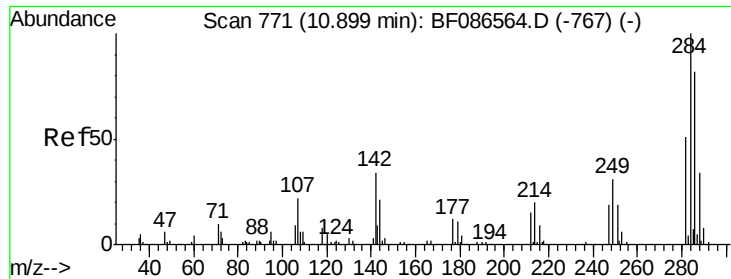
#66
 4-Bromophenyl-phenylether
 Concen: 38.58 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	252153		
250	95.2	78.6	117.8	
141	119.8	76.0	114.0	



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





#67

Hexachlorobenzene

Concen: 37.16 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

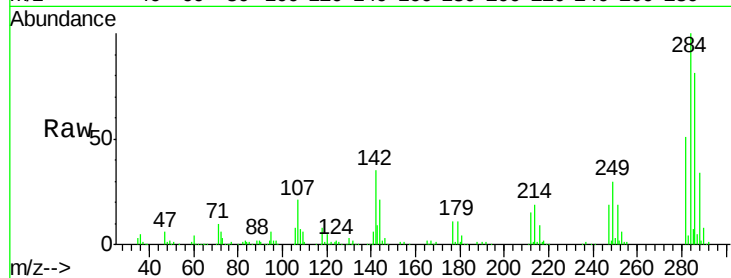
ClientSampleId :

SSTDCCC040

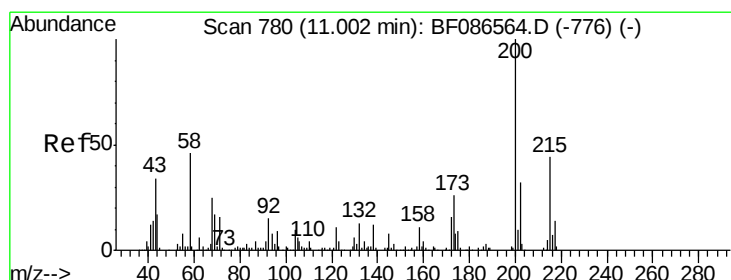
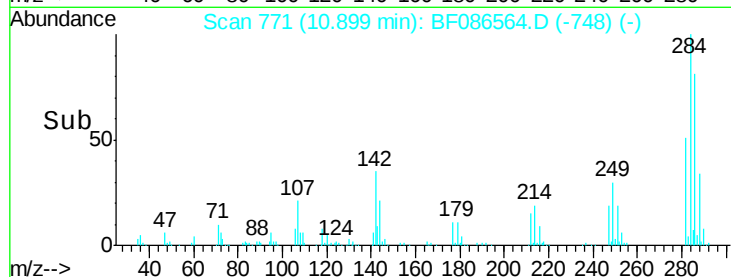
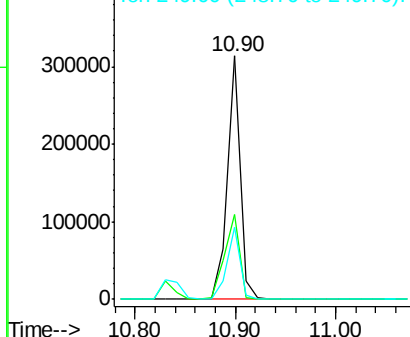
Tgt Ion:	284	Resp:	281100
Ion Ratio	Lower	Upper	
284	100		
142	34.8	16.7	25.1#
249	29.9	21.3	31.9

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



#68

Atrazine

Concen: 36.77 ng

RT: 11.00 min Scan# 780

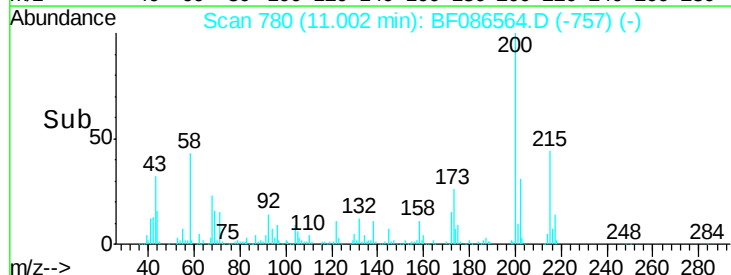
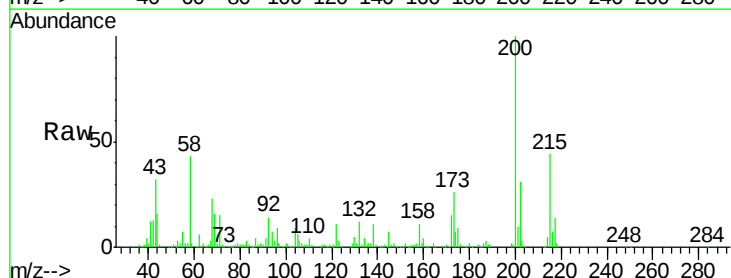
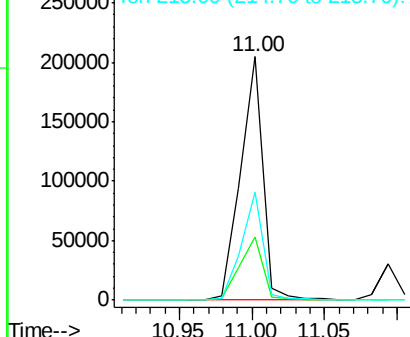
Delta R.T. -0.03 min

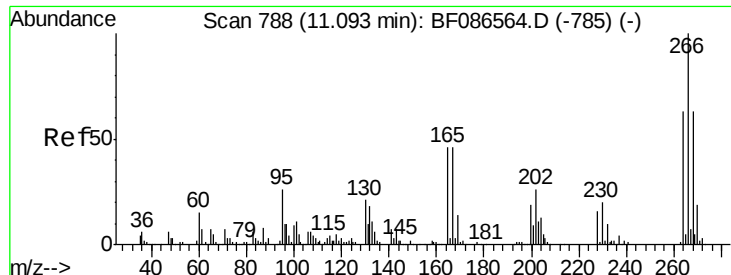
Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:	200	Resp:	218887
Ion Ratio	Lower	Upper	
200	100		
173	25.8	8.5	48.5
215	44.3	27.2	67.2

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





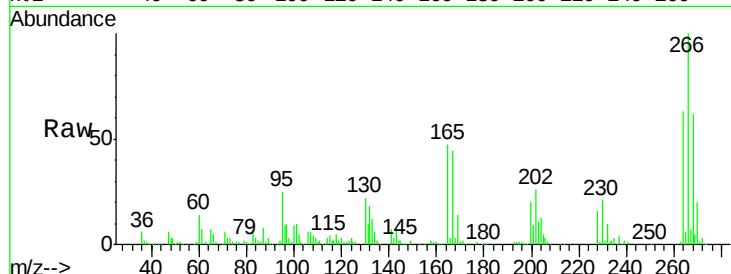
#69
 Pentachlorophenol
 Concen: 39.97 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

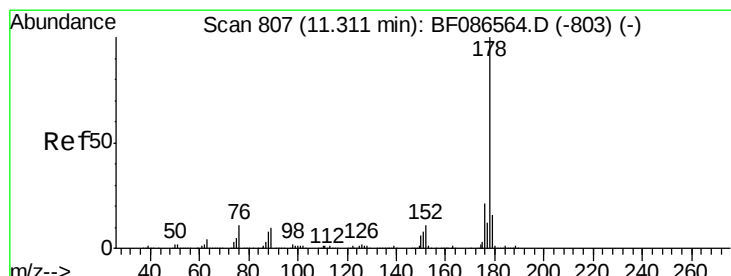
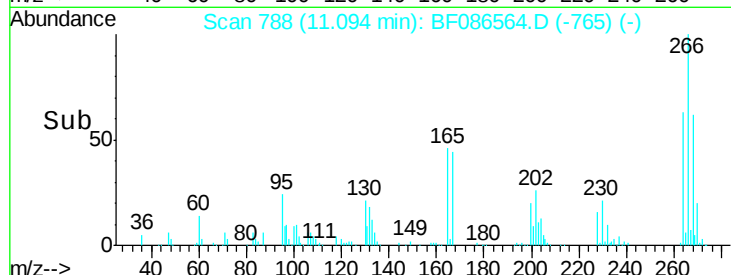
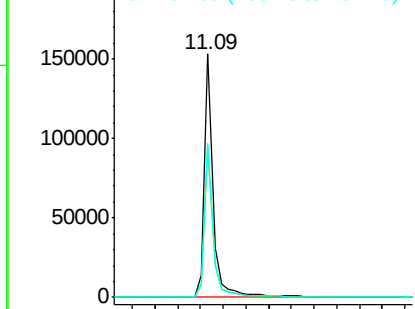
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159418		
268	61.8	51.5	77.3	
264	63.2	52.9	79.3	

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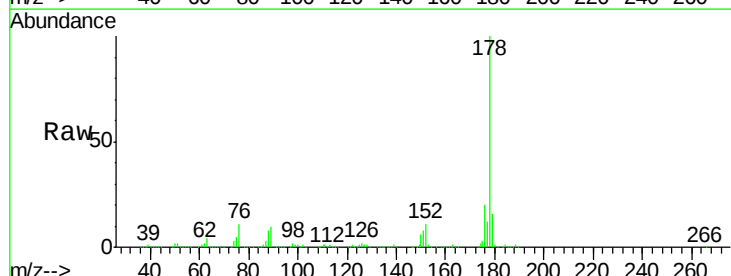


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

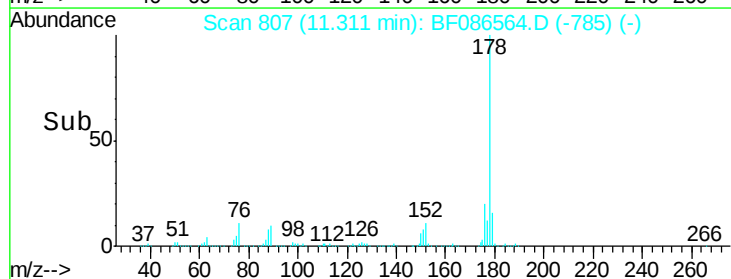
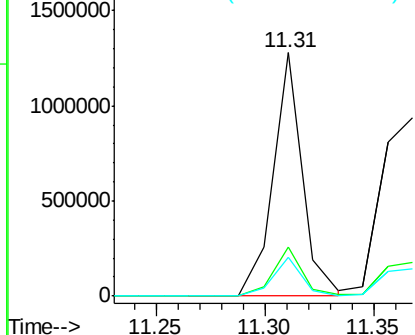


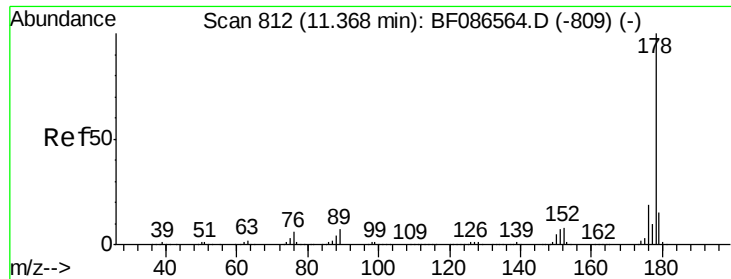
#70
 Phenanthrene
 Concen: 36.32 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1208935		
176	20.1	16.0	24.0	
179	15.9	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: 39.30 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

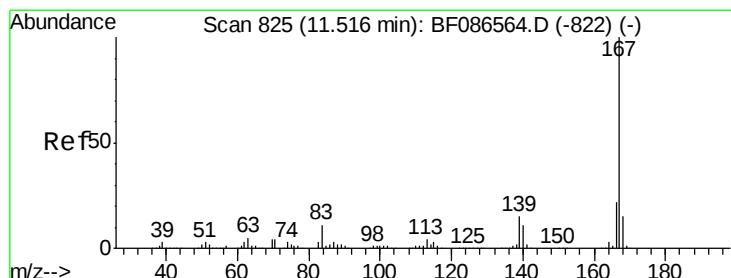
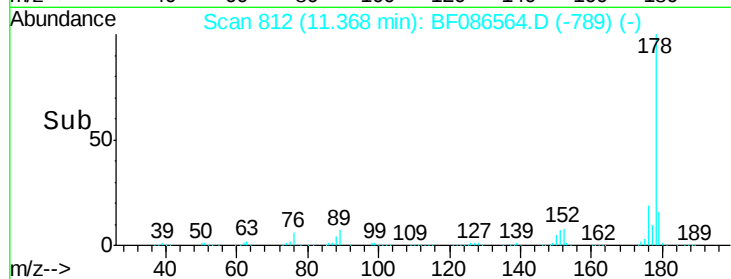
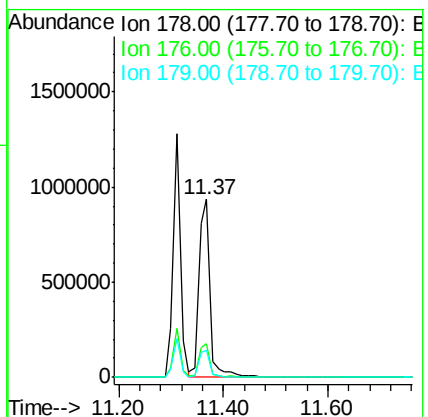
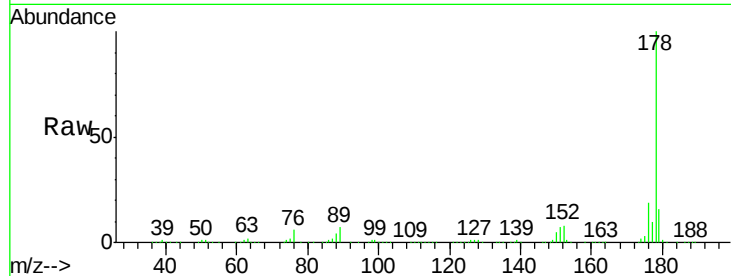
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1395783

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.6	12.7	19.1

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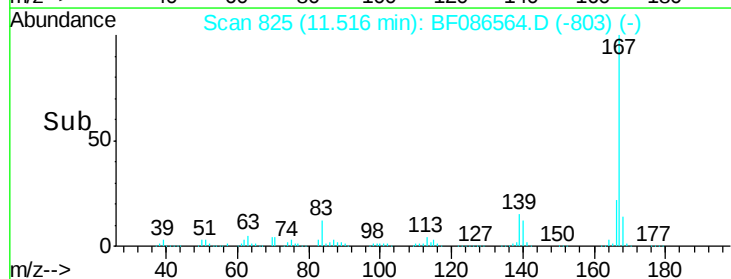
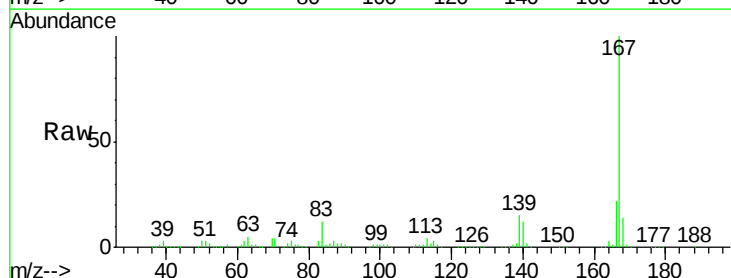
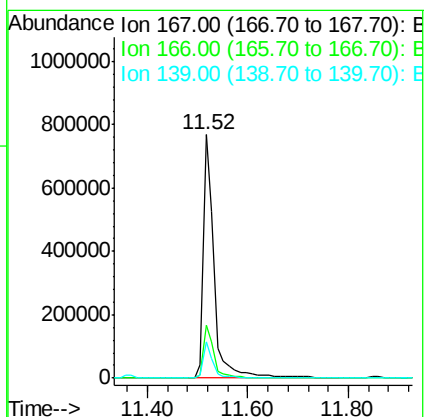
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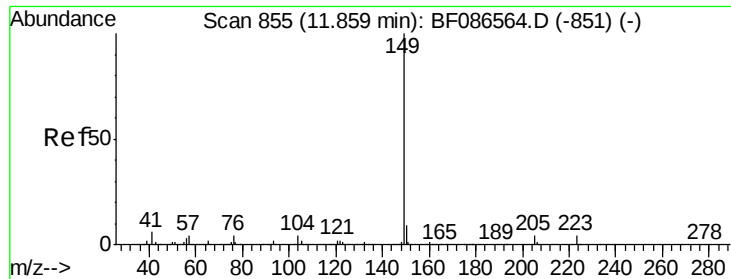


#72
 Carbazole
 Concen: 36.44 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion:167 Resp: 1147034

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	15.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 40.83 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1456113

Ion Ratio Lower Upper

149 100

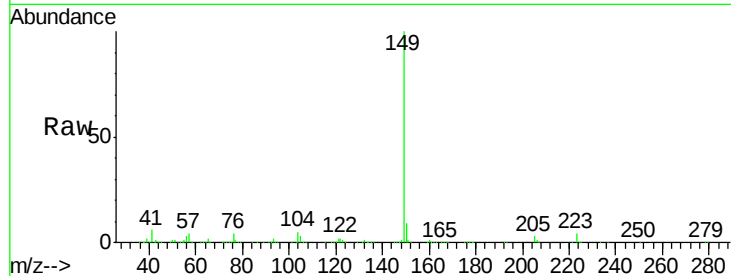
150 9.2 7.6 11.4

104 4.6 3.8 5.6

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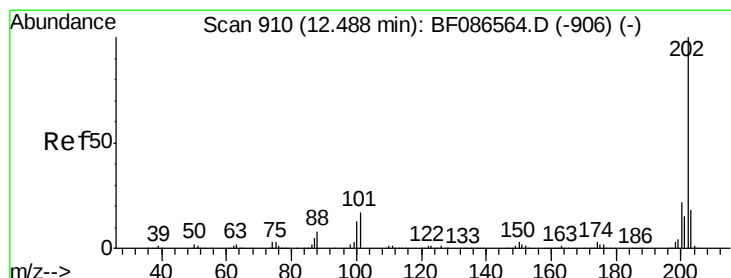
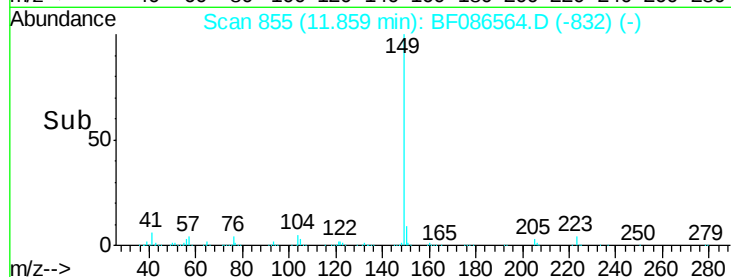
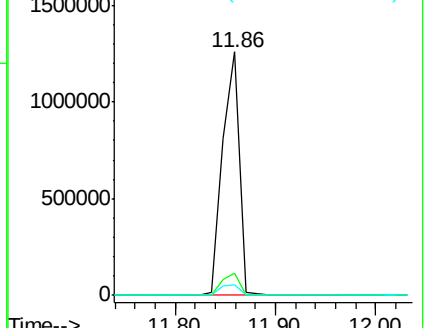
5/2/2016 7:52:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.88 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

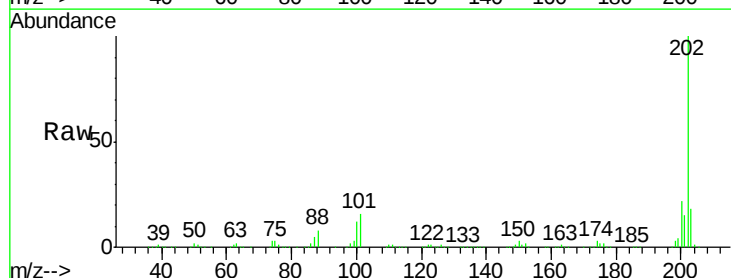
Tgt Ion:202 Resp: 1306179

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.4

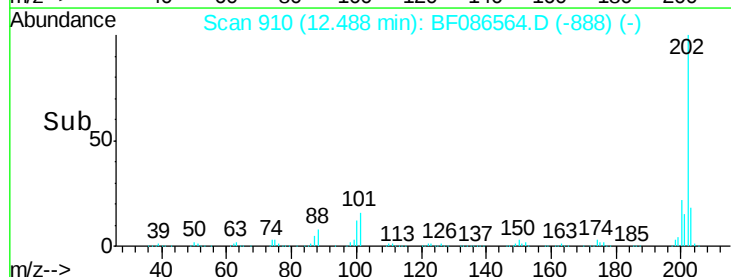
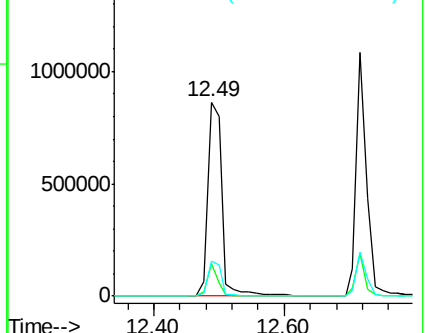
203 18.1 0.0 38.1

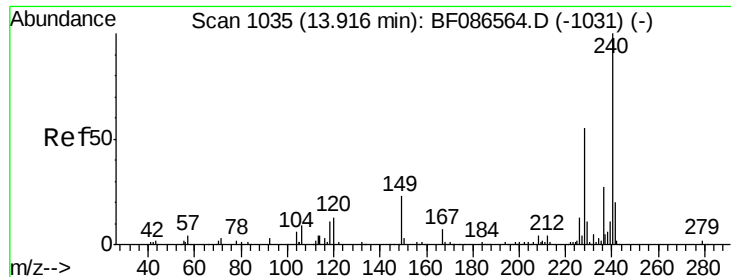


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Instrument :

BNA_F

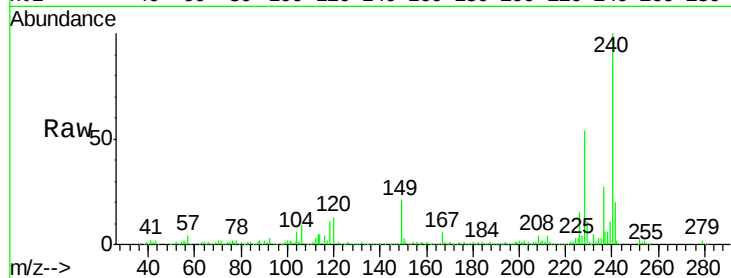
ClientSampleId :

SSTDCCC040

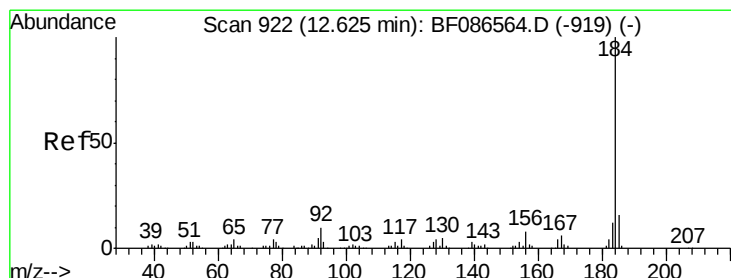
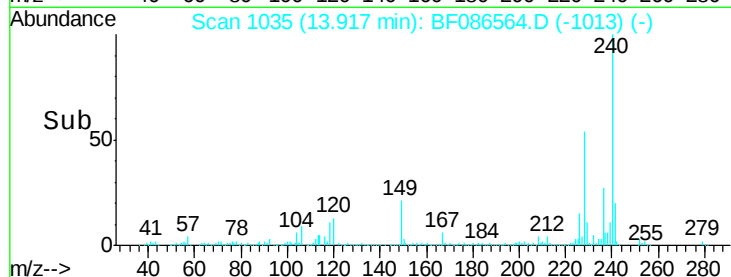
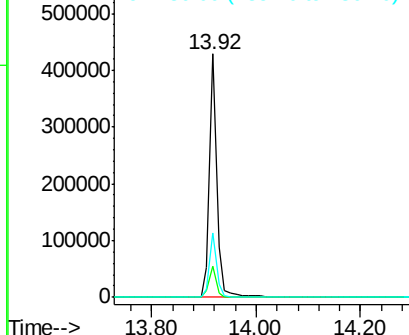
Tgt Ion:	240	Resp:	422617
Ion Ratio		Lower	Upper
240	100		
120	13.0	11.2	16.8
236	26.6	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.12 ng

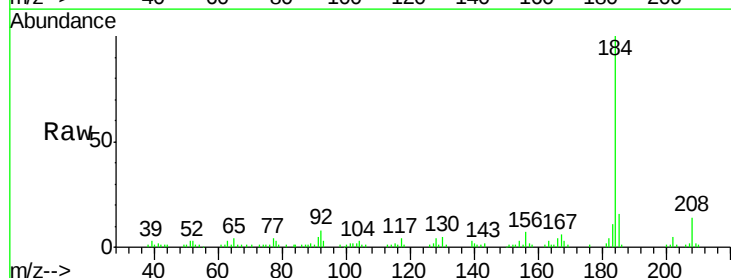
RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

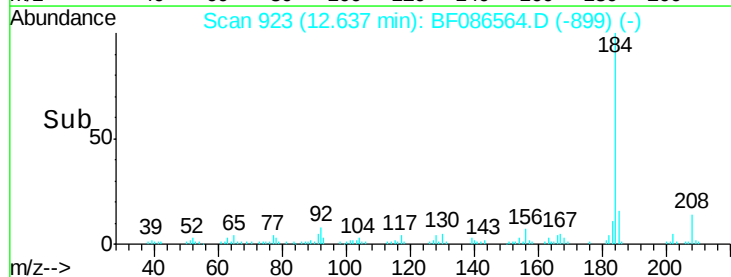
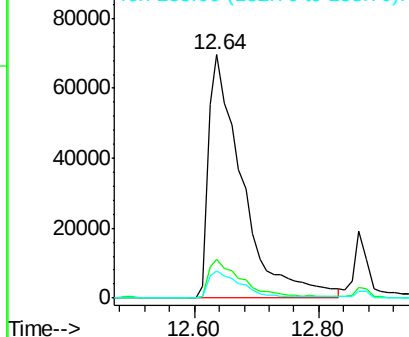
Lab File: BF086564.D

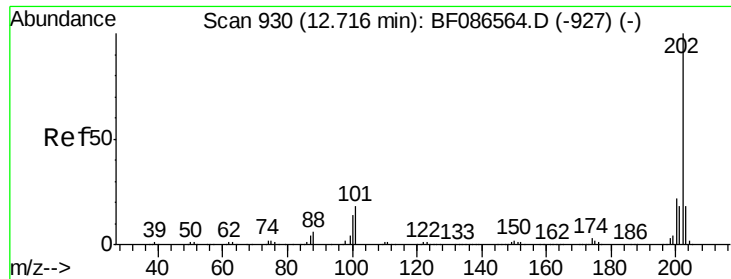
Acq: 1 May 2016 11:23

Tgt Ion:	184	Resp:	263112
Ion Ratio		Lower	Upper
184	100		
185	15.8	13.6	20.4
183	11.4	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





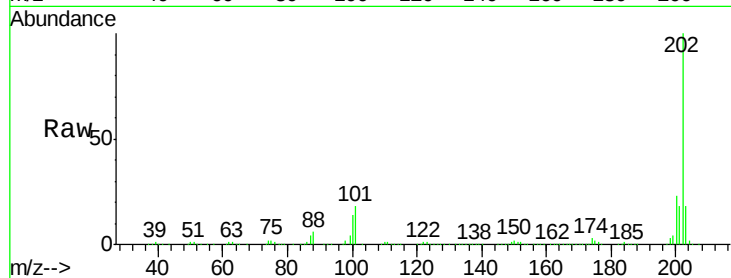
#77
 Pyrene
 Concen: 39.33 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

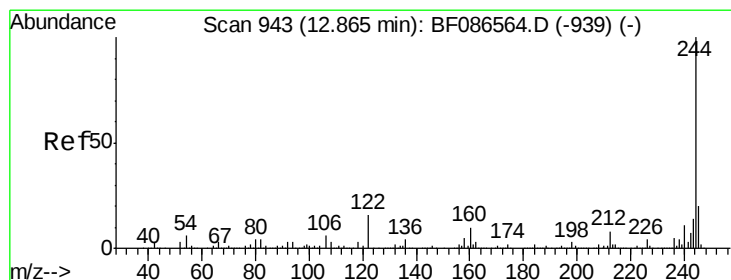
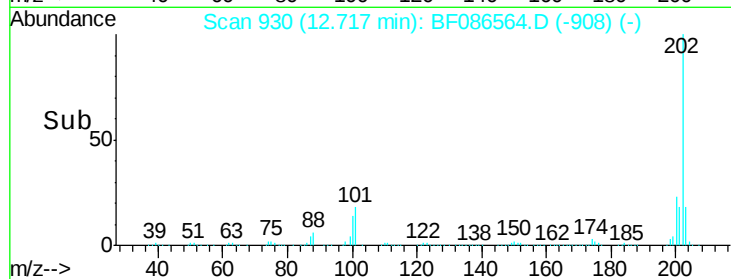
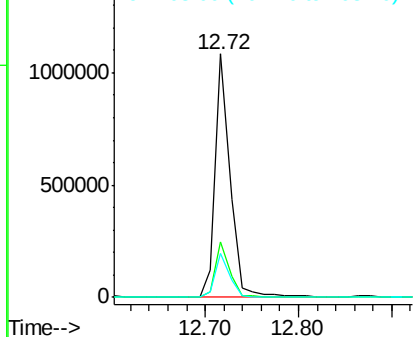
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.0	14.2	21.4

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 5/2/2016 7:52:30 PM

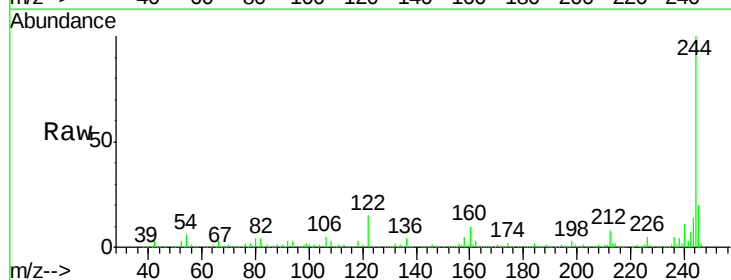


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

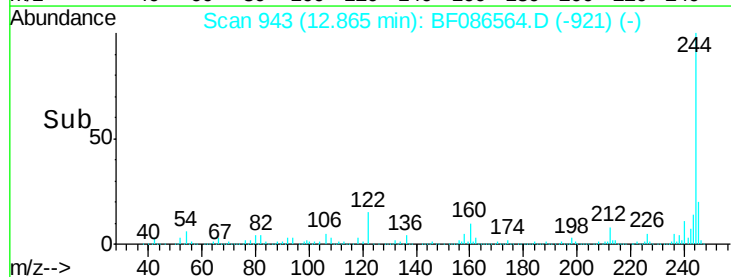
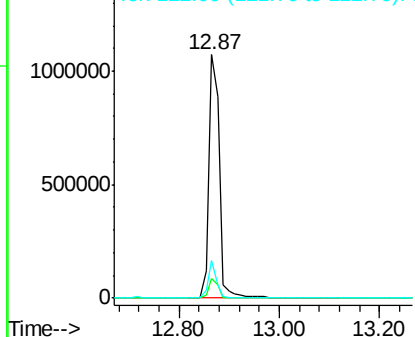


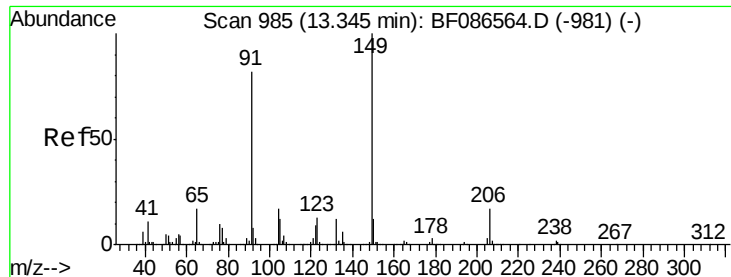
#78
 Terphenyl-d14
 Concen: 80.94 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.4	12.0	18.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.73 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF086564.D

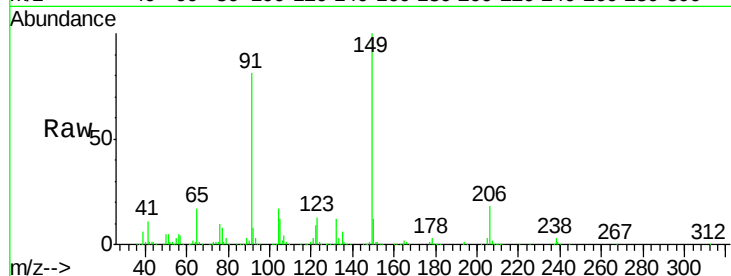
Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

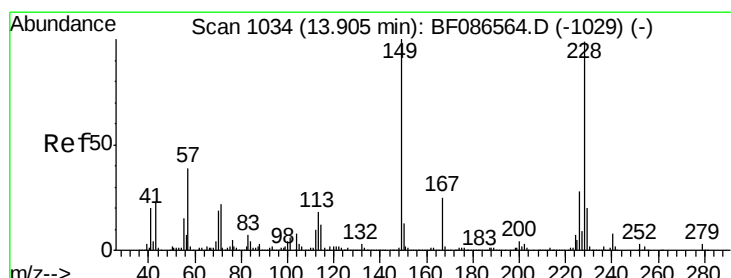
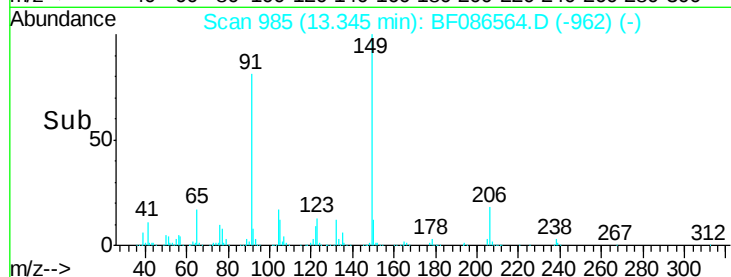
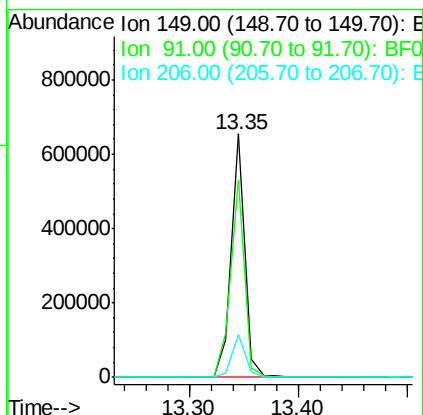
SSTDCCC040



Tgt Ion:	149	Resp:	563474
Ion Ratio		Lower	Upper
149	100		
91	80.9	48.0	72.0#
206	17.8	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 40.67 ng

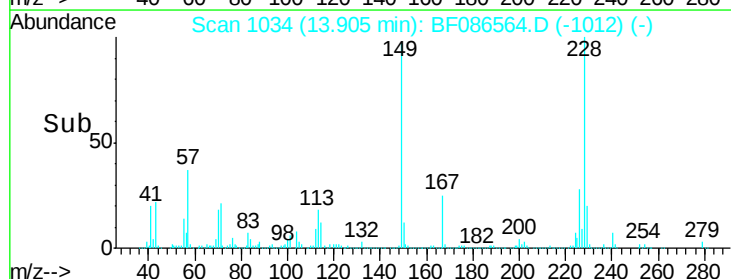
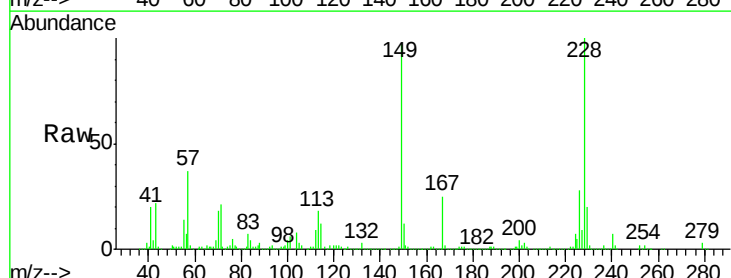
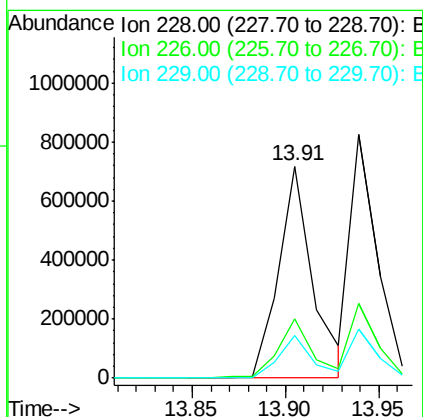
RT: 13.91 min Scan# 1034

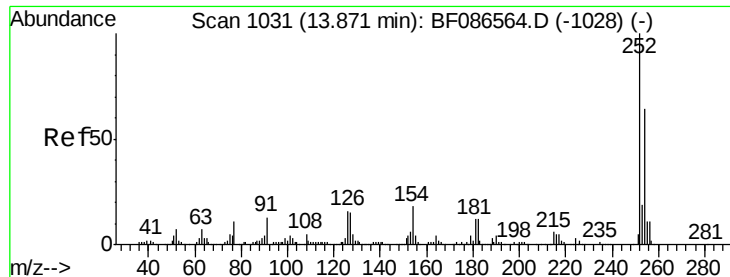
Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

Tgt Ion:	228	Resp:	916461
Ion Ratio		Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.1	16.6	25.0





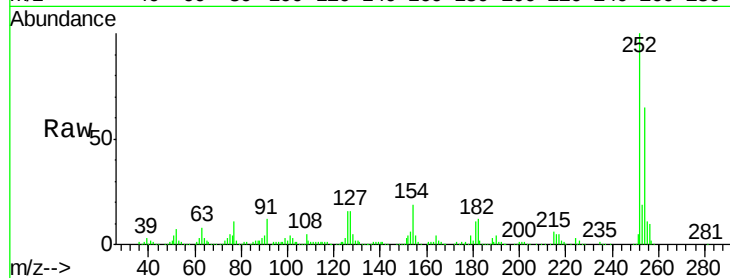
#81
 3,3'-Dichlorobenzidine
 Concen: 36.82 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

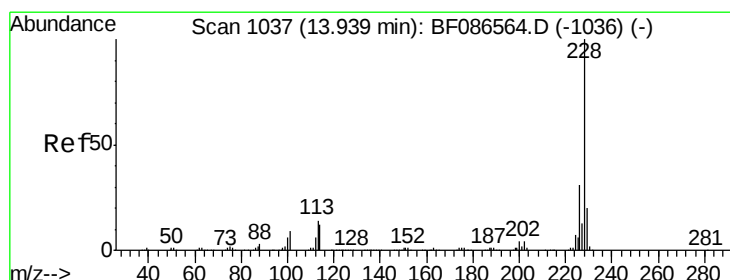
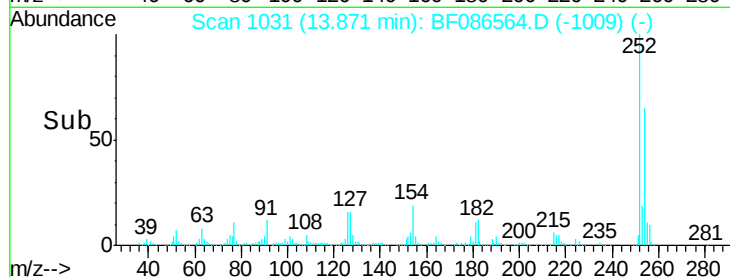
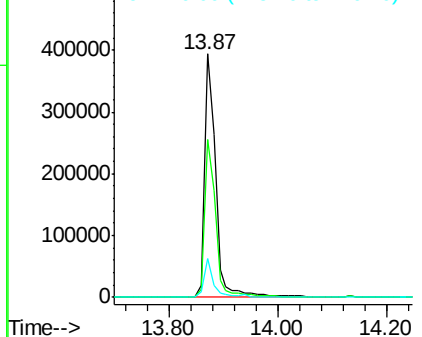
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	50.7	76.1
126	16.0	12.7	19.1

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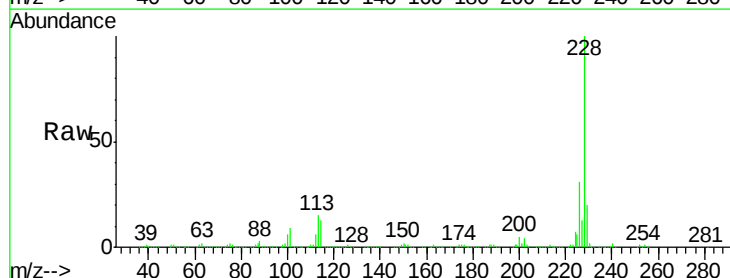


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

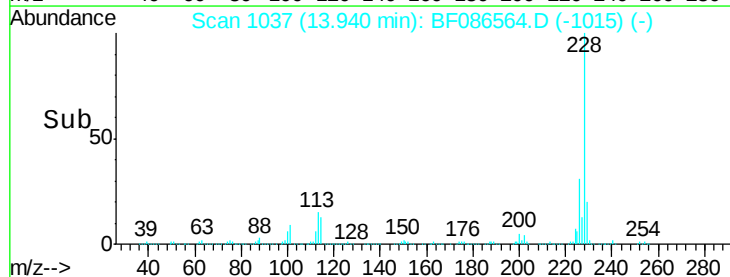
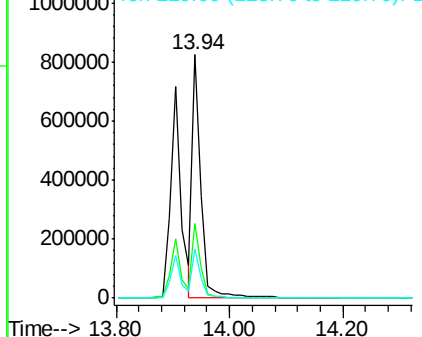


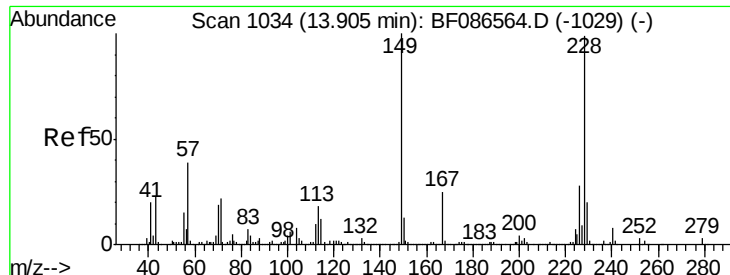
#82
 Chrysene
 Concen: 36.70 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.4	36.6
229	19.9	15.8	23.8



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





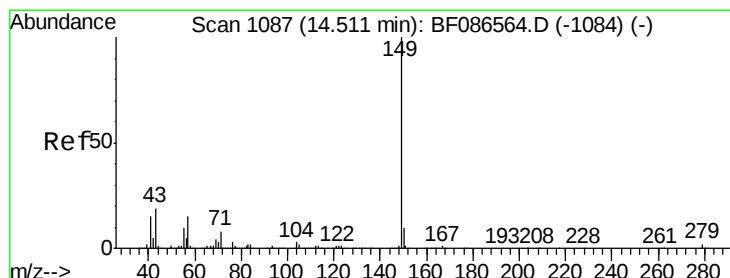
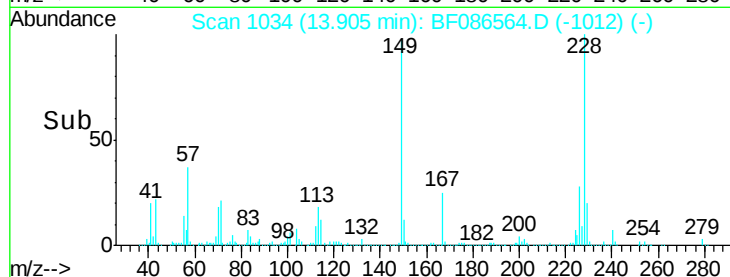
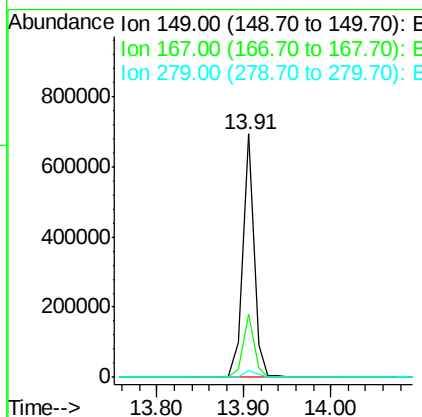
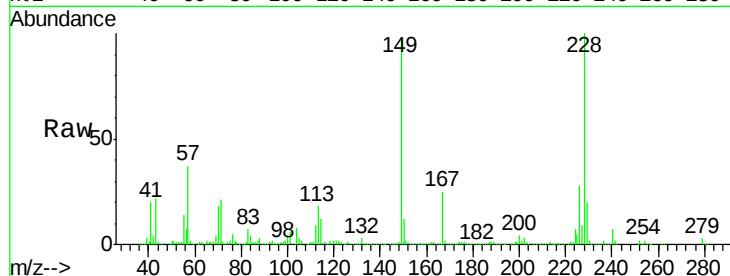
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	149	Resp:	619812
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.8	32.6
279	2.9	2.6	4.0

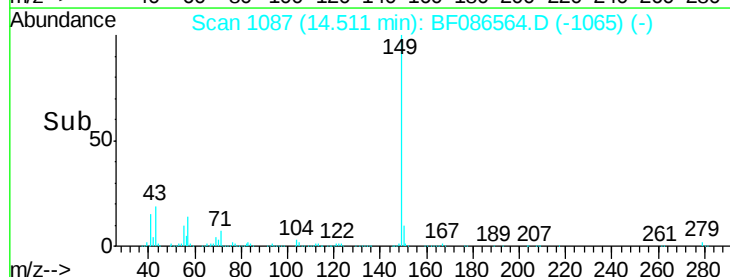
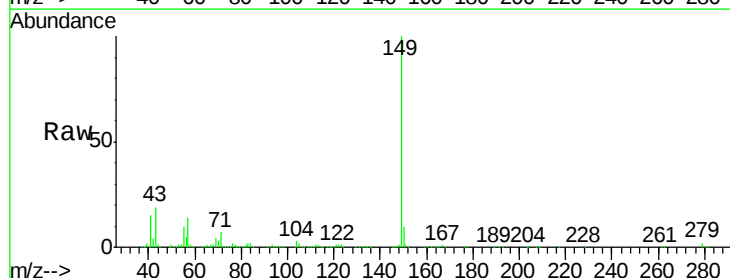
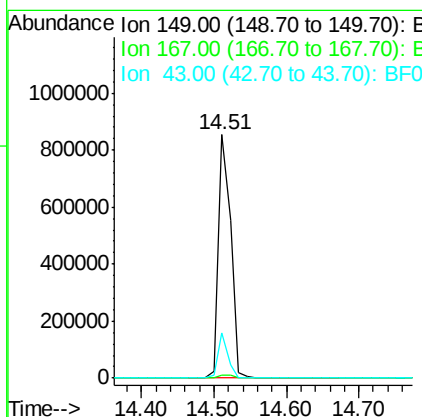
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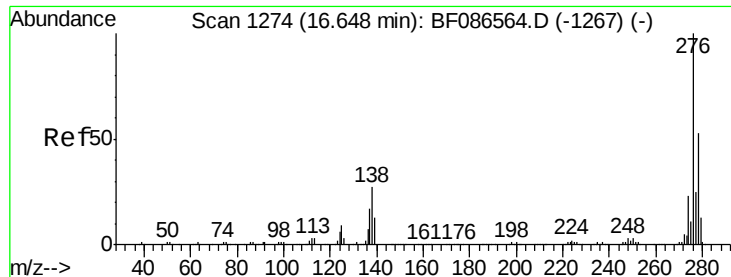
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#84
 Di-n-octyl phthalate
 Concen: 39.54 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt Ion:	149	Resp:	1013719
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	15.3	8.2	12.4#





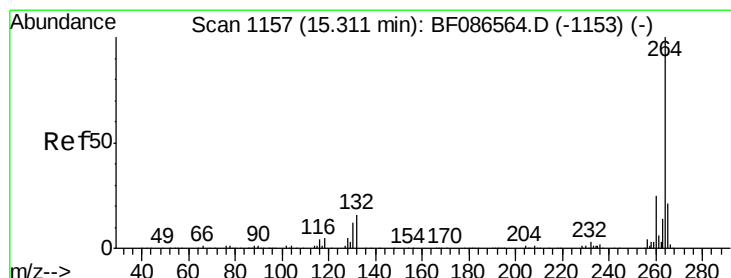
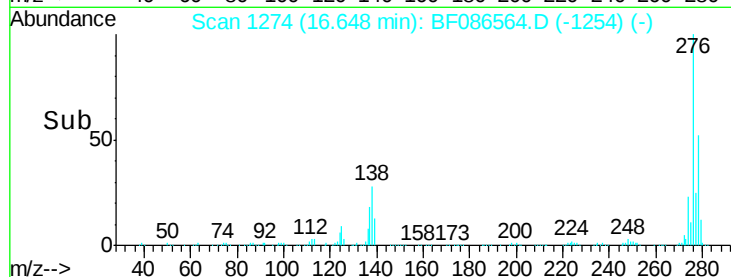
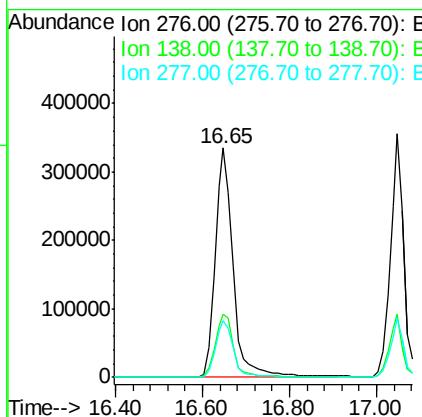
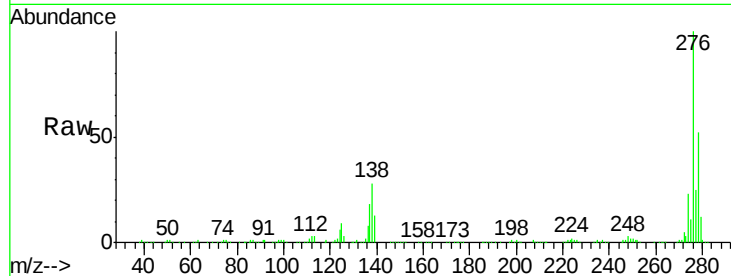
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.08 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		981388		
138	28.8	25.6	38.4		
277	25.4	20.5	30.7		

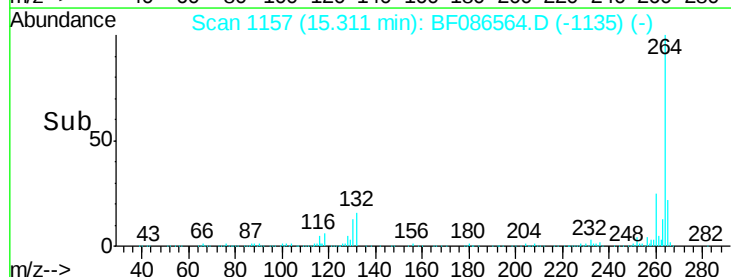
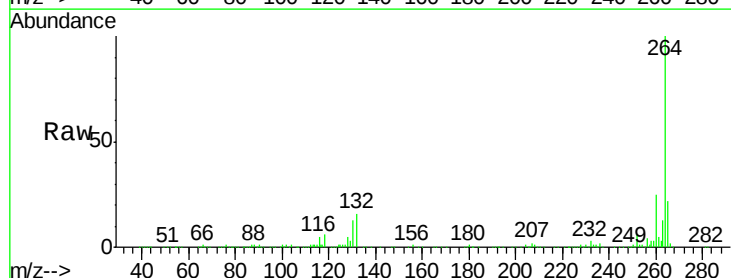
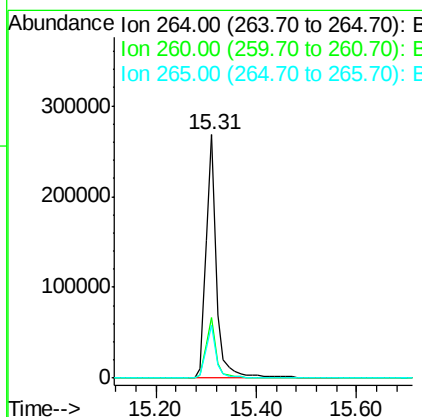
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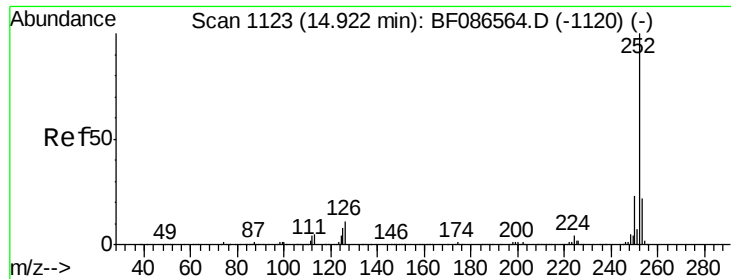
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		389782		
260	24.8	19.5	29.3		
265	21.7	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 41.65 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF086564.D

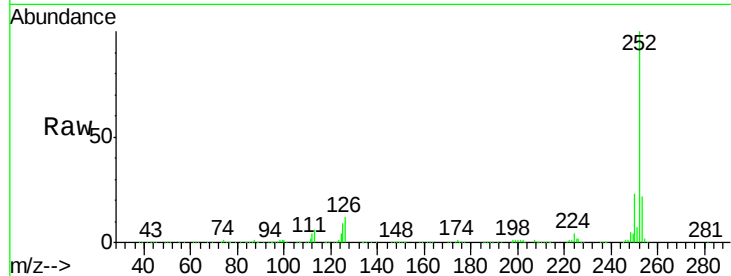
Acq: 1 May 2016 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 252 Resp: 954948

Ion Ratio Lower Upper

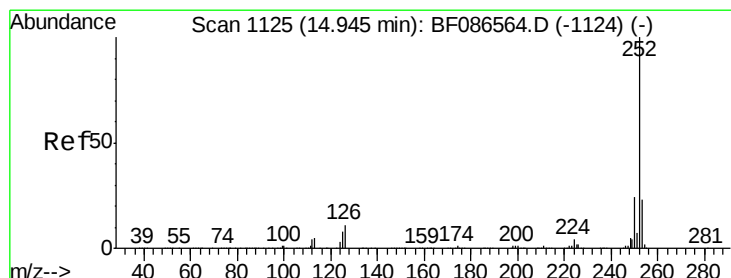
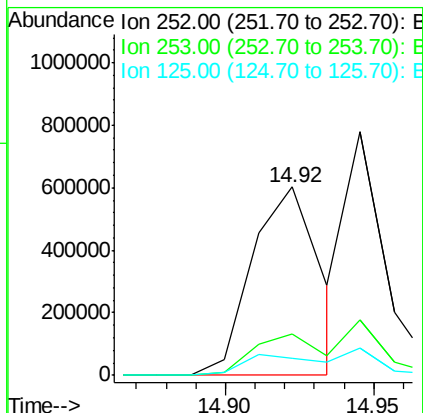
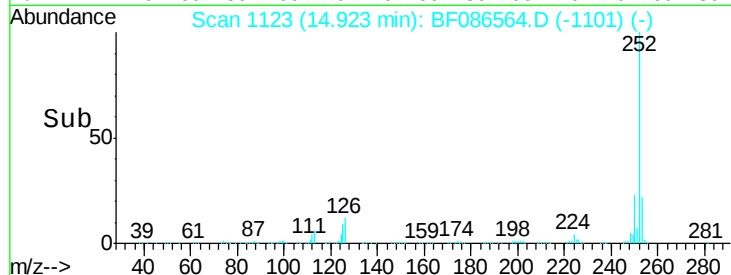
252 100

253 22.0 17.8 26.6

125 8.9 11.4 17.0

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#88

Benzo(k)fluoranthene

Concen: 33.19 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF086564.D

Acq: 1 May 2016 11:23

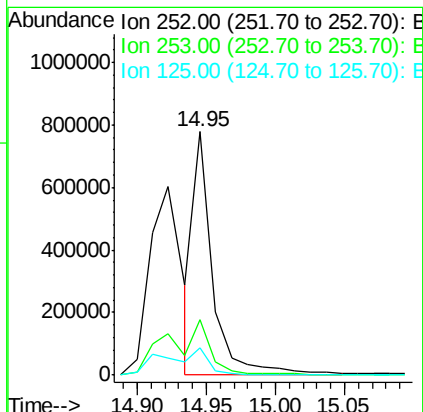
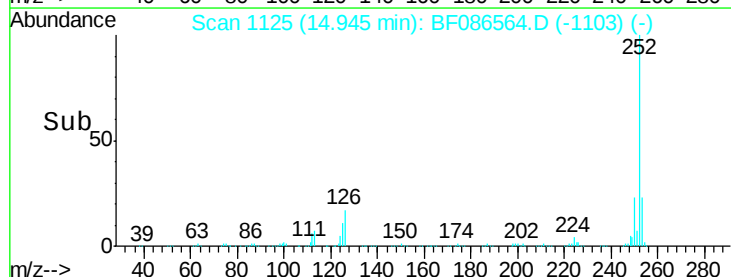
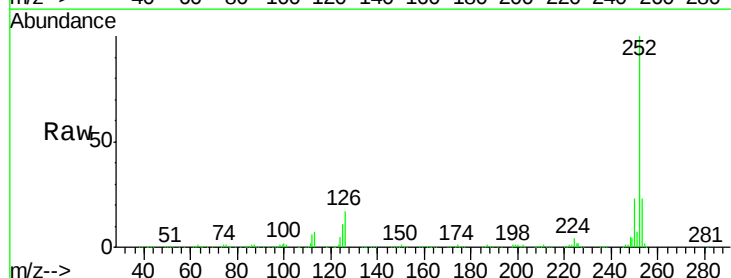
Tgt Ion: 252 Resp: 793834

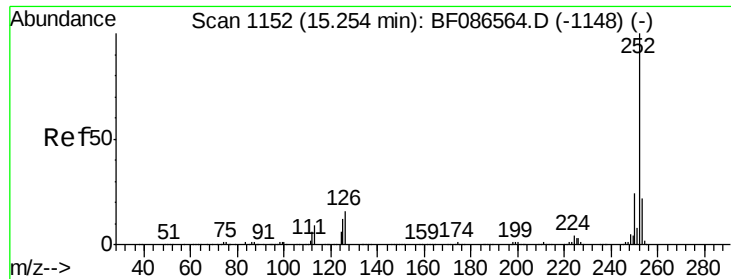
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 11.2 9.1 13.7





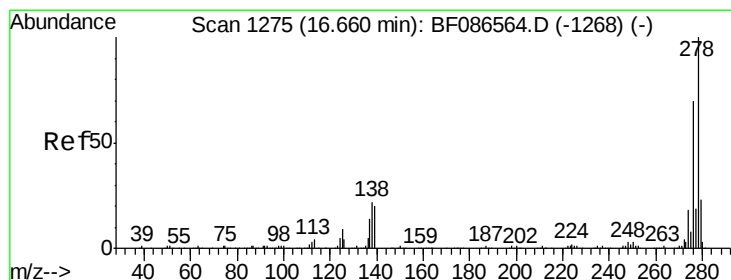
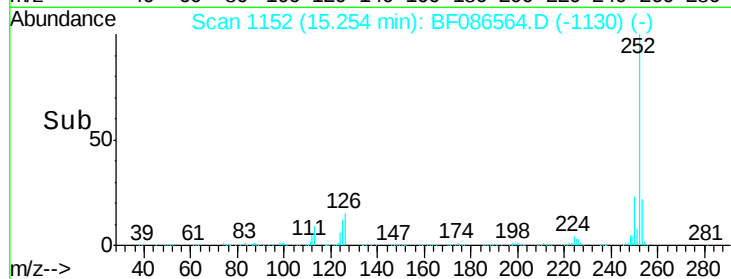
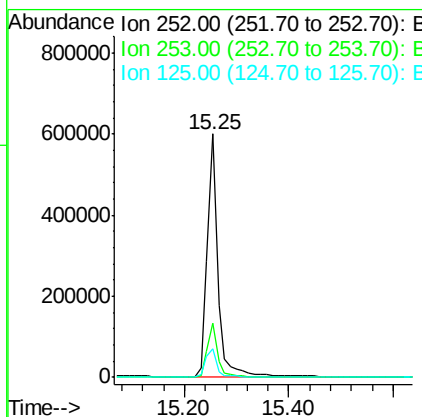
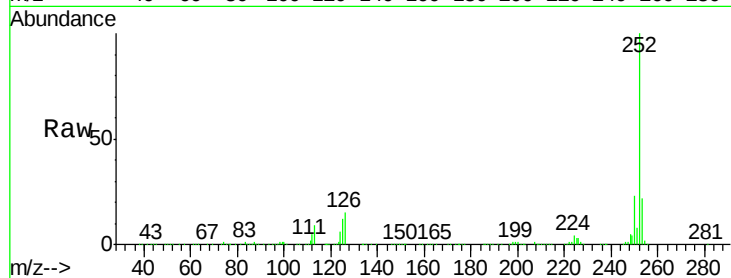
#89
Benzo(a)pyrene
Concen: 38.79 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.7	9.0	13.6

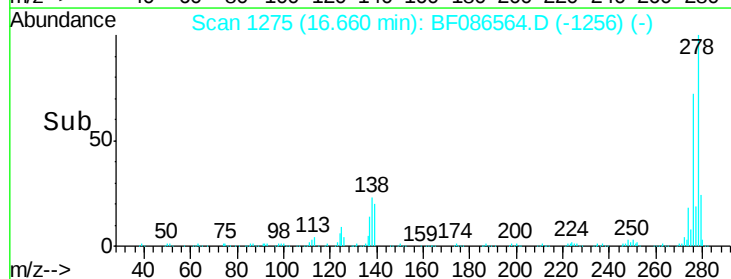
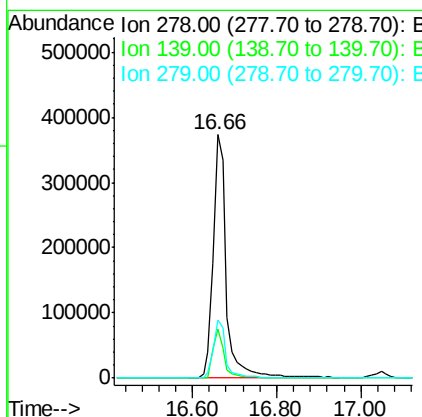
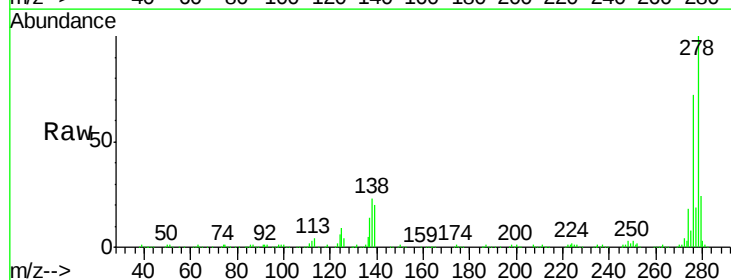
Manual Integrations
APPROVED

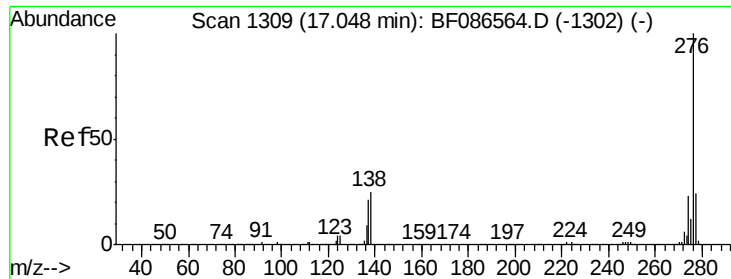
UMANGI
5/2/2016 7:52:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.22 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.08 min
Lab File: BF086564.D
Acq: 1 May 2016 11:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	23.7	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 45.55 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.08 min
 Lab File: BF086564.D
 Acq: 1 May 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	808747
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.6	29.4
138	26.0	23.6	35.4

Manual Integrations
 APPROVED

UMANGI
 5/2/2016 7:52:30 PM

