

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087584.D
 Acq On : 31 May 2016 16:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 01 00:49:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	160653	20.00	ng	-0.07
21) Naphthalene-d8	9.47	136	647800	20.00	ng	-0.08
38) Acenaphthene-d10	12.31	164	310348	20.00	ng	-0.08
63) Phenanthrene-d10	14.71	188	569625	20.00	ng	-0.07
75) Chrysene-d12	18.42	240	465895	20.00	ng	-0.06
86) Perylene-d12	20.11	264	326385	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	770148	84.24	ng	-0.07
7) Phenol-d6	7.02	99	983896	79.64	ng	-0.06
23) Nitrobenzene-d5	8.38	82	1035737	80.58	ng	-0.07
41) 2,4,6-Tribromophenol	13.61	330	233995	78.46	ng	-0.07
44) 2-Fluorobiphenyl	11.26	172	1585346	72.02	ng	-0.08
78) Terphenyl-d14	17.06	244	1618161	73.84	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	174780	36.23	ng	# 77
3) Pyridine	2.39	79	145967	13.84	ng	# 56
4) n-Nitrosodimethylamine	2.31	42	338177	41.61	ng	# 48
6) Aniline	6.96	93	649096	40.62	ng	93
8) 2-Chlorophenol	7.13	128	451197	39.57	ng	89
9) Benzaldehyde	6.78	77	257754	37.79	ng	98
10) Phenol	7.04	94	540712	40.08	ng	83
11) bis(2-Chloroethyl)ether	7.10	93	422594	38.70	ng	88
12) 1,3-Dichlorobenzene	7.34	146	471580	37.92	ng	# 91
13) 1,4-Dichlorobenzene	7.47	146	490382	38.41	ng	96
14) 1,2-Dichlorobenzene	7.70	146	465247	39.40	ng	98
15) Benzyl Alcohol	7.76	79	375399	41.68	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.93	45	909396	37.02	ng	87
17) 2-Methylphenol	7.98	107	346749	37.95	ng	# 89
18) Hexachloroethane	8.22	117	189251	39.73	ng	# 85
19) n-Nitroso-di-n-propylamine	8.18	70	357008	38.75	ng	# 72
20) 3+4-Methylphenols	8.24	107	476893	43.17	ng	# 58
22) Acetophenone	8.15	105	632983	40.90	ng	# 98
24) Nitrobenzene	8.40	77	548451	40.42	ng	94
25) Isophorone	8.80	82	914431	39.67	ng	99
26) 2-Nitrophenol	8.91	139	230599	41.58	ng	# 82
27) 2,4-Dimethylphenol	9.06	122	384038	39.89	ng	90
28) bis(2-Chloroethoxy)methane	9.18	93	514751	39.64	ng	99
29) 2,4-Dichlorophenol	9.34	162	363618	41.91	ng	97
30) 1,2,4-Trichlorobenzene	9.40	180	386859	38.95	ng	96
31) Naphthalene	9.51	128	1271076	39.16	ng	99
32) Benzoic acid	9.45	122	192014	39.85	ng	# 77
33) 4-Chloroaniline	9.68	127	498636	41.71	ng	# 94
34) Hexachlorobutadiene	9.71	225	234568	38.85	ng	98
35) Caprolactam	10.34	113	81160	32.05	ng	# 57
36) 4-Chloro-3-methylphenol	10.55	107	428365	43.67	ng	93
37) 2-Methylnaphthalene	10.64	142	814902	40.18	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	378135	38.06	ng	99
40) Hexachlorocyclopentadiene	10.88	237	73137	25.23	ng	96

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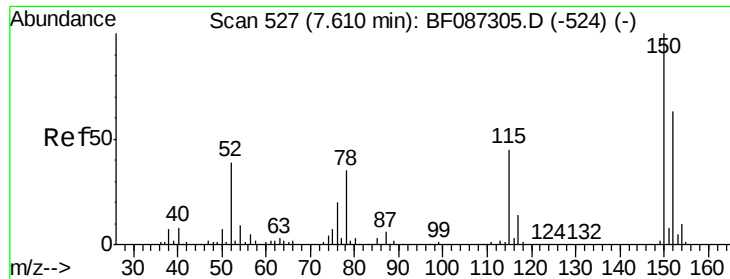
Instrument :
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Quant Time: Jun 01 00:49:35 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.15	196	222202	38.75	ng	93
43) 2,4,5-Trichlorophenol	11.24	196	202197	34.63	ng #	86
45) 1,1'-Biphenyl	11.40	154	987051	37.78	ng	97
46) 2-Chloronaphthalene	11.43	162	775942	38.82	ng	97
47) 2-Nitroaniline	11.66	65	308810	42.88	ng #	78
48) Acenaphthylene	12.08	152	1189528	37.59	ng	99
49) Dimethylphthalate	11.97	163	941071	37.85	ng	99
50) 2,6-Dinitrotoluene	12.07	165	191451	38.22	ng #	63
51) Acenaphthene	12.35	154	732746	37.67	ng	98
52) 3-Nitroaniline	12.34	138	214086	41.64	ng	81
53) 2,4-Dinitrophenol	12.57	184	87621	37.93	ng #	82
54) Dibenzofuran	12.65	168	1025051	38.92	ng	97
55) 4-Nitrophenol	12.65	139	440485	179.61	ng #	15
56) 2,4-Dinitrotoluene	12.73	165	286661	42.82	ng #	83
57) Fluorene	13.20	166	861036	37.70	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	163521	36.40	ng	98
59) Diethylphthalate	13.11	149	940435	38.91	ng	99
60) 4-Chlorophenyl-phenylether	13.22	204	405567	36.42	ng	98
61) 4-Nitroaniline	13.36	138	190242	39.65	ng #	66
62) Azobenzene	13.49	77	1066305	42.52	ng	87
64) 4,6-Dinitro-2-methylphenol	13.41	198	138655	38.28	ng #	73
65) n-Nitrosodiphenylamine	13.44	169	728307	39.54	ng	98
66) 4-Bromophenyl-phenylether	14.01	248	243829	39.13	ng	93
67) Hexachlorobenzene	14.08	284	259040	39.74	ng #	67
68) Atrazine	14.37	200	142488	24.27	ng	94
69) Pentachlorophenol	14.47	266	55740	31.57	ng	97
70) Phenanthrene	14.75	178	1269040	40.22	ng	99
71) Anthracene	14.83	178	1313520	41.21	ng	100
72) Carbazole	15.13	167	1126229	41.43	ng	99
73) Di-n-butylphthalate	15.70	149	1415684	40.27	ng	99
74) Fluoranthene	16.51	202	1331616	42.09	ng	97
76) Benzidine	16.75	184	516130	43.05	ng	97
77) Pyrene	16.82	202	1320610	39.38	ng	100
79) Butylbenzylphthalate	17.73	149	582964	39.20	ng #	76
80) Benzo(a)anthracene	18.41	228	1030475	38.88	ng	99
81) 3,3'-Dichlorobenzidine	18.39	252	599200	40.93	ng	99
82) Chrysene	18.46	228	1000102	38.03	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	785758	36.21	ng	98
84) Di-n-octyl phthalate	19.23	149	1220676	36.88	ng #	83
85) Indeno(1,2,3-cd)pyrene	21.31	276	735944	34.91	ng #	93
87) Benzo(b)fluoranthene	19.69	252	1631661	78.48	ng #	94
88) Benzo(k)fluoranthene	19.69	252	1633313	91.27	ng #	97
89) Benzo(a)pyrene	20.05	252	704469	39.18	ng	99
90) Dibenzo(a,h)anthracene	21.31	278	619544	40.40	ng	94
91) Benzo(g,h,i)perylene	21.68	276	570816	37.72	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.07 min

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SSTDCCC040

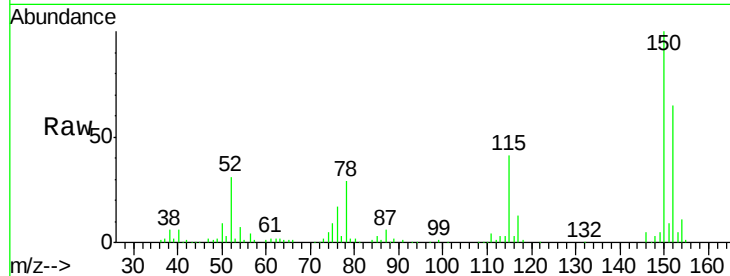
Tgt Ion:152 Resp: 160653

Ion Ratio Lower Upper

152 100

150 153.4 125.8 188.6

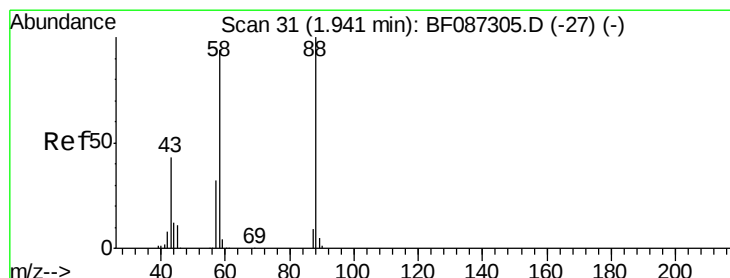
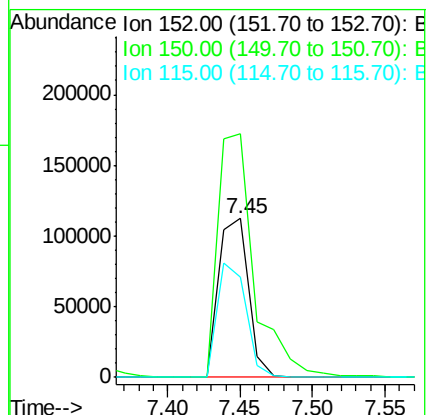
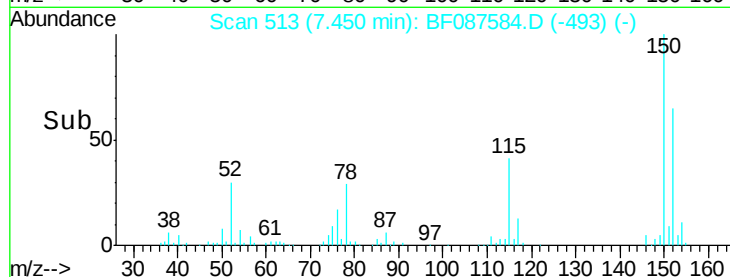
115 63.5 51.5 77.3



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: 36.23 ng

RT: 1.74 min Scan# 13

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

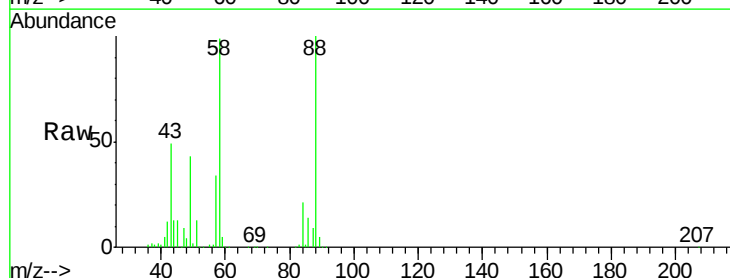
Tgt Ion: 88 Resp: 174780

Ion Ratio Lower Upper

88 100

58 91.6 59.6 89.4#

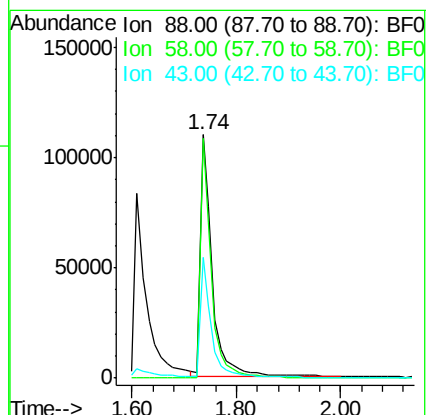
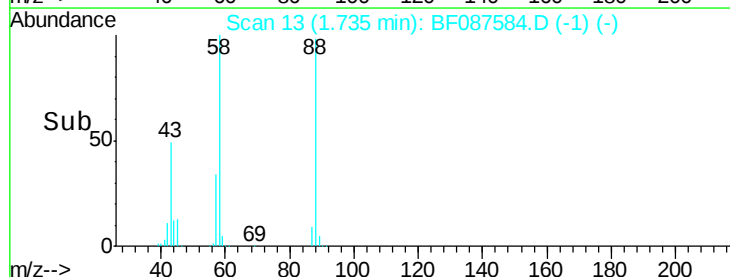
43 44.0 21.8 32.6#



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

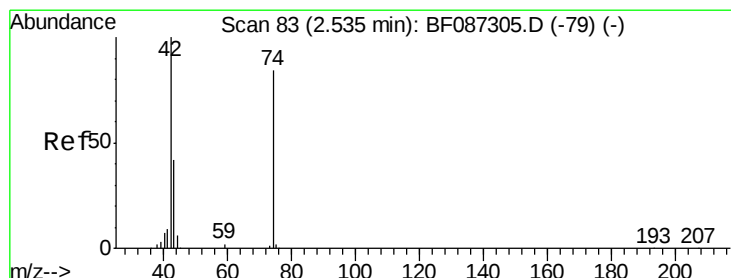
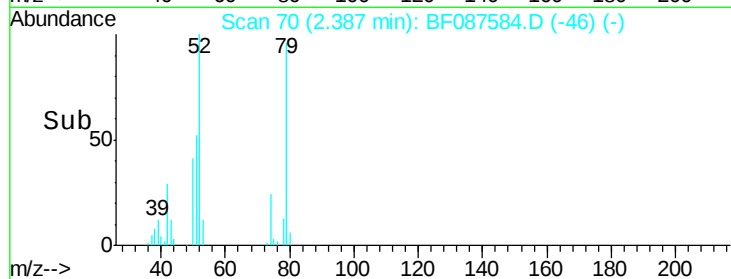
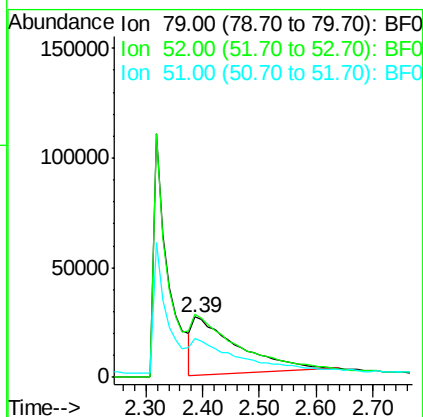
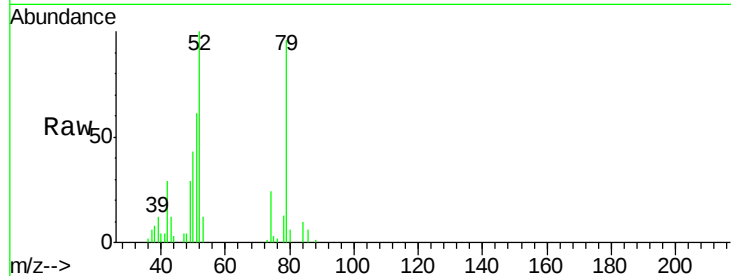




#3
 Pyridine
 Concen: 13.84 ng
 RT: 2.39 min Scan# 70
 Delta R.T. -0.02 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

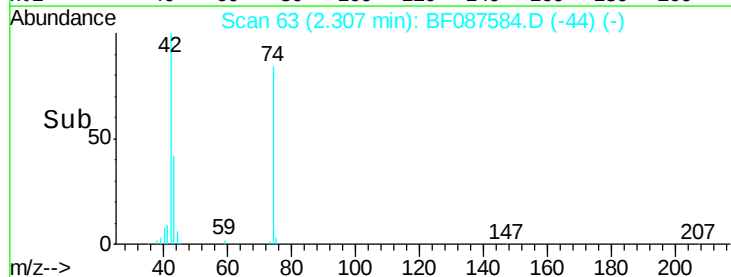
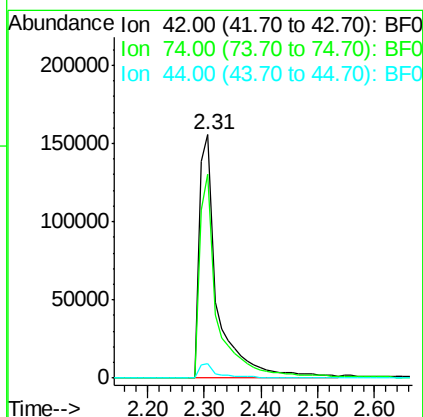
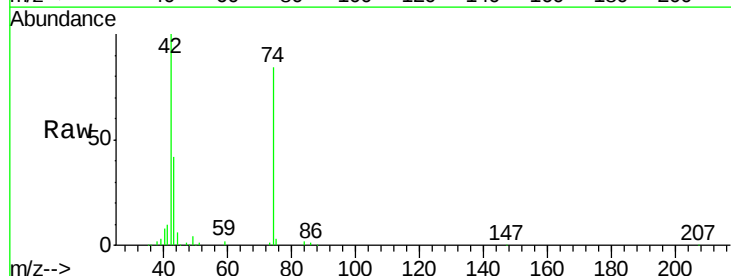
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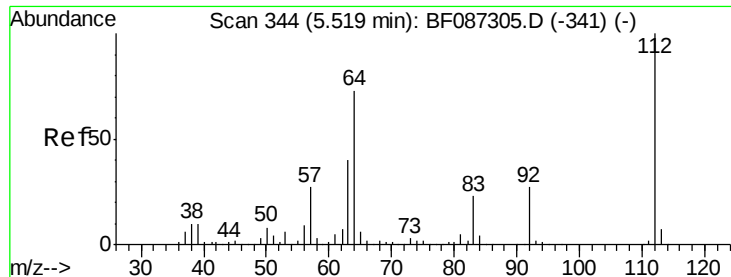
Tgt Ion: 79 Resp: 145967
 Ion Ratio Lower Upper
 79 100
 52 103.9 55.9 83.9#
 51 63.9 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 41.61 ng
 RT: 2.31 min Scan# 63
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion: 42 Resp: 338177
 Ion Ratio Lower Upper
 42 100
 74 83.6 123.4 185.0#
 44 5.9 5.8 8.6

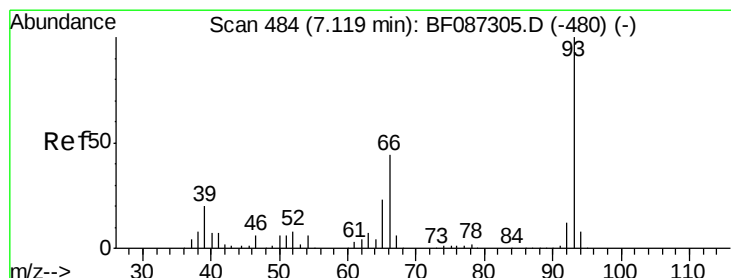
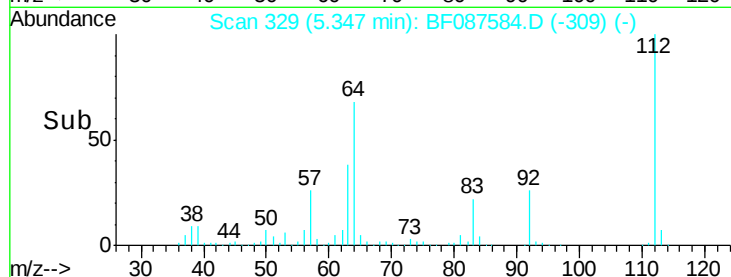
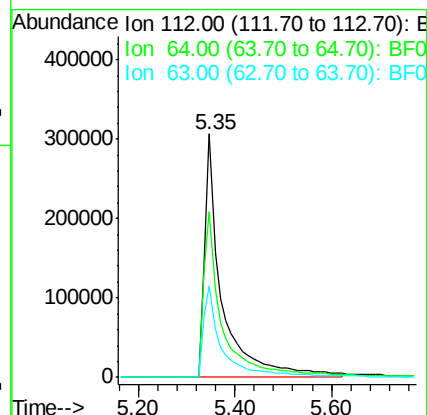
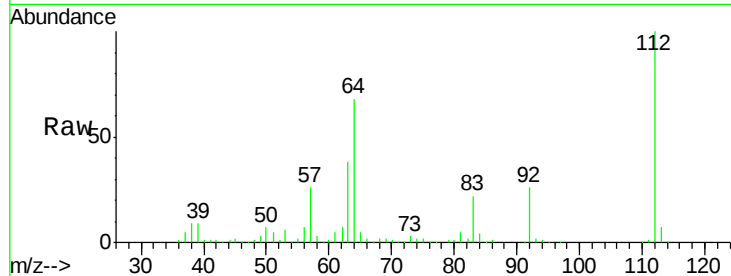




#5
 2-Fluorophenol
 Concen: 84.24 ng
 RT: 5.35 min Scan# 329
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

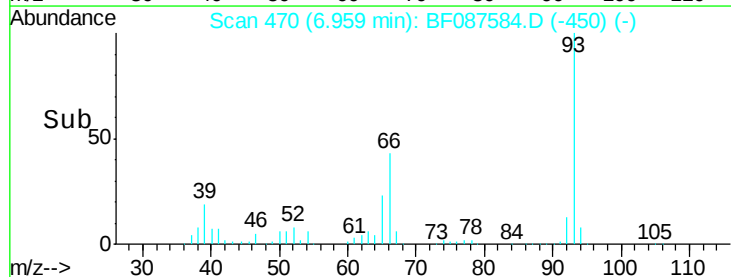
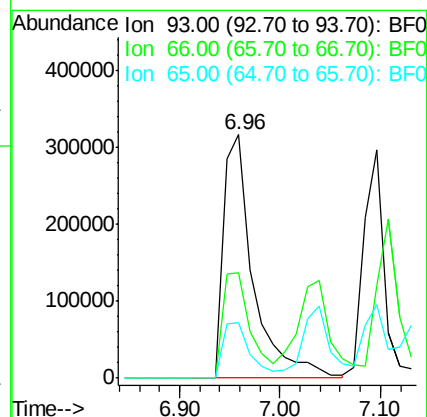
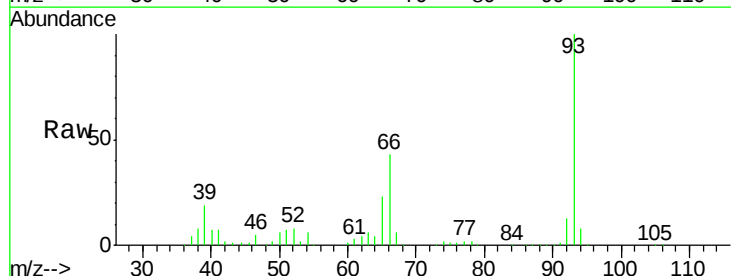
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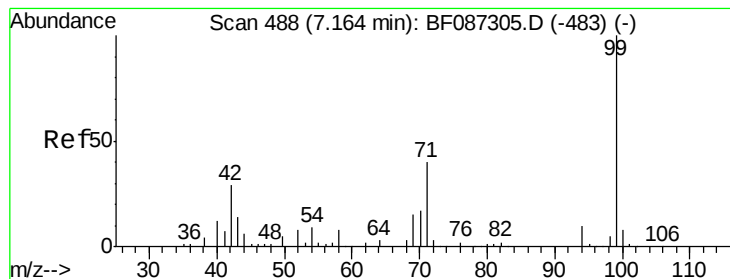
Tgt Ion: 112 Resp: 770148
 Ion Ratio Lower Upper
 112 100
 64 67.8 52.1 78.1
 63 37.8 25.7 38.5



#6
 Aniline
 Concen: 40.62 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion: 93 Resp: 649096
 Ion Ratio Lower Upper
 93 100
 66 43.4 39.0 58.6
 65 22.7 20.6 31.0





#7

Phenol-d6

Concen: 79.64 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

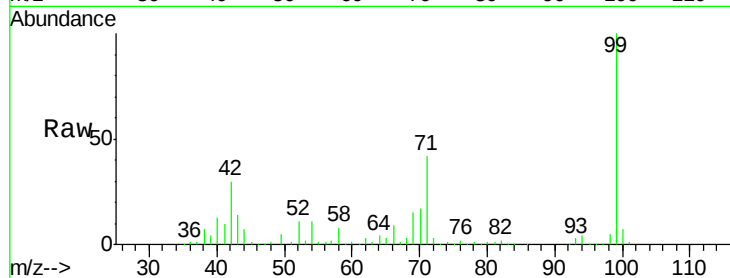
Tgt Ion: 99 Resp: 983896

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

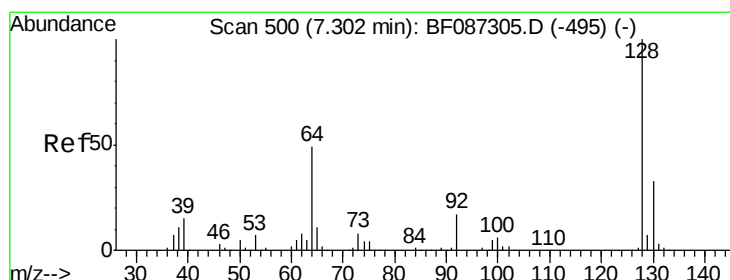
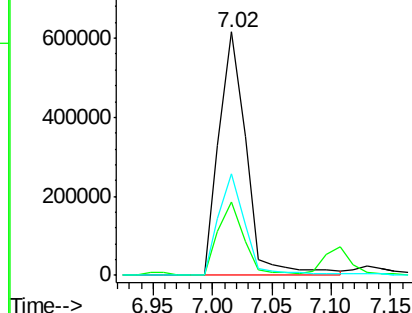
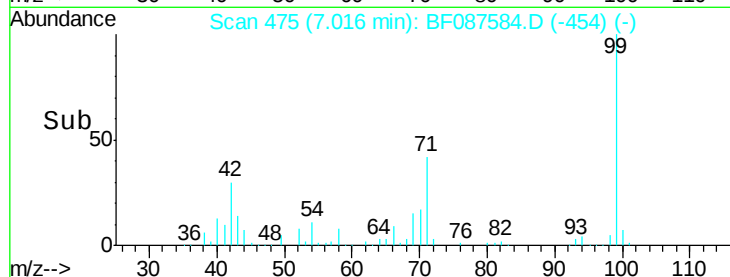
71 41.8 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.57 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

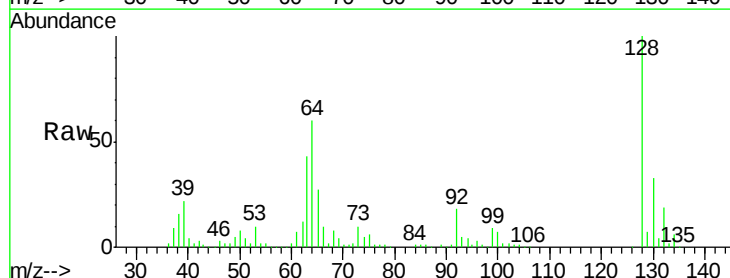
Tgt Ion: 128 Resp: 451197

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

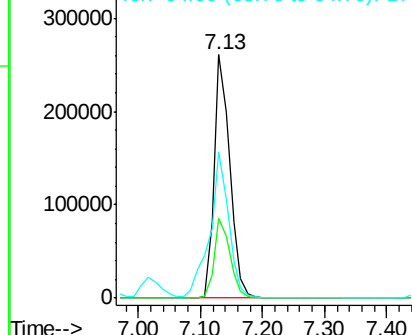
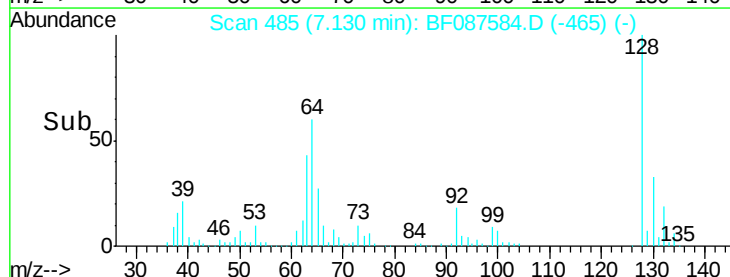
64 60.0 27.3 67.3

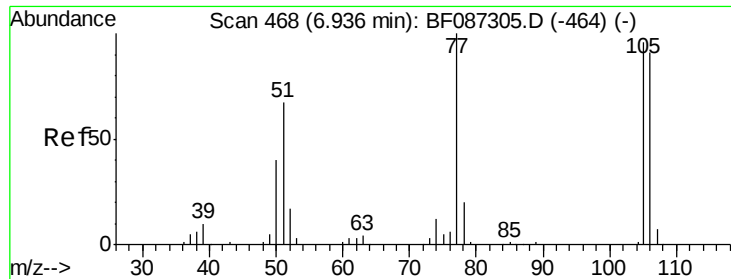


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.79 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF087584.D

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SSTDCCC040

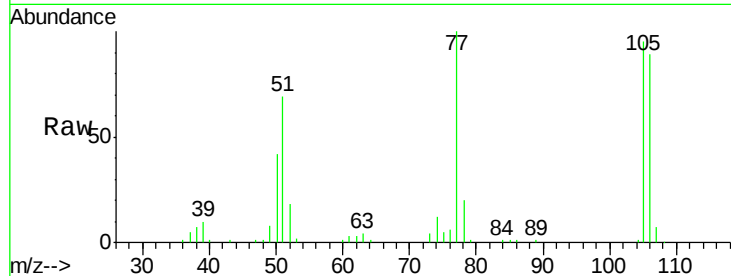
Tgt Ion: 77 Resp: 257754

Ion Ratio Lower Upper

77 100

105 95.2 72.7 112.7

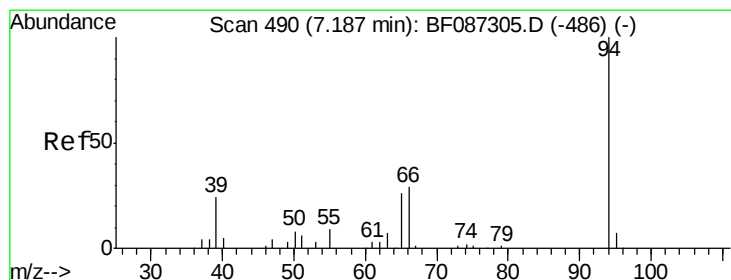
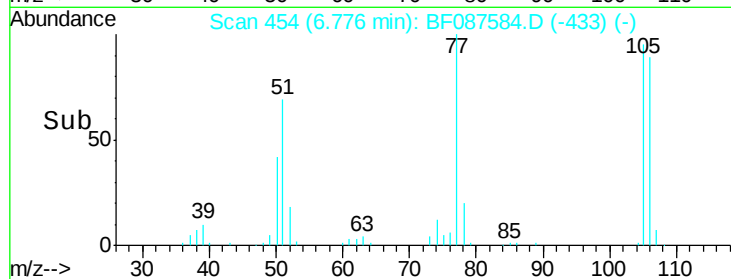
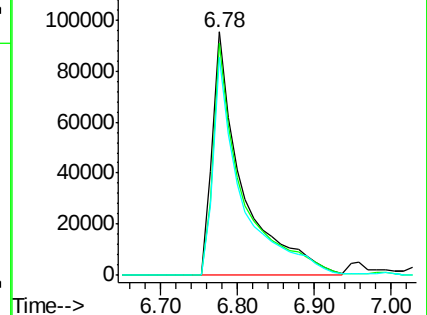
106 89.4 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.08 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.05 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

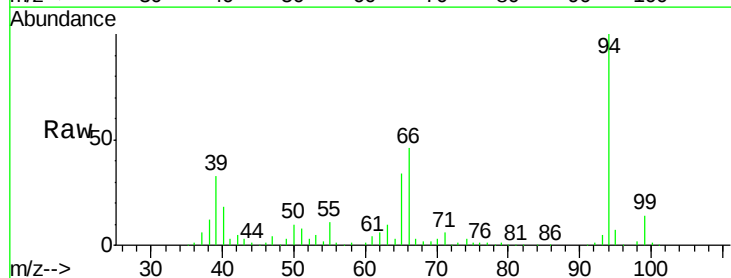
Tgt Ion: 94 Resp: 540712

Ion Ratio Lower Upper

94 100

65 33.8 7.2 47.2

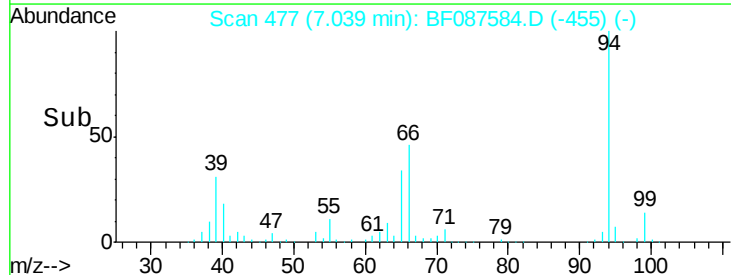
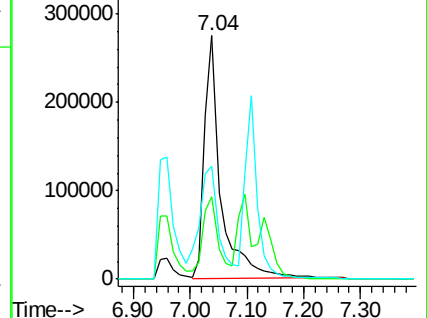
66 46.3 14.9 54.9

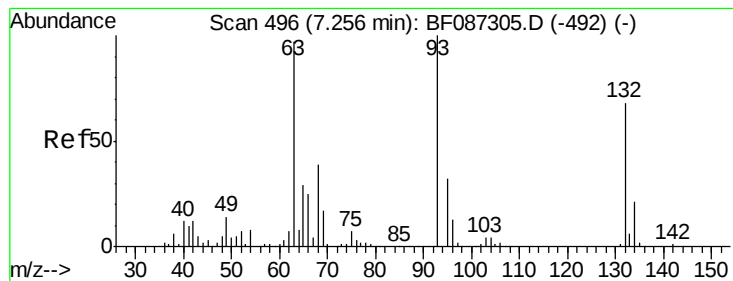


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.70 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

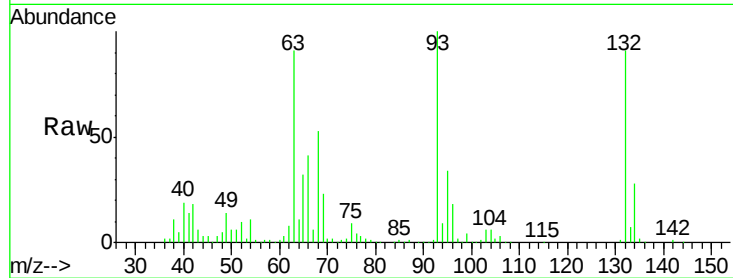
Tgt Ion: 93 Resp: 422594

Ion Ratio Lower Upper

93 100

63 90.9 58.0 98.0

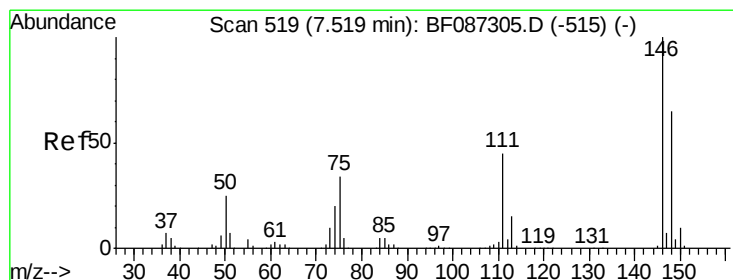
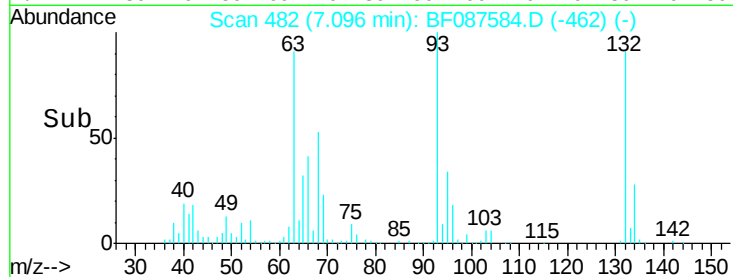
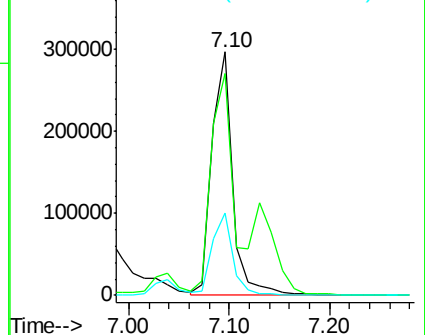
95 34.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.92 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

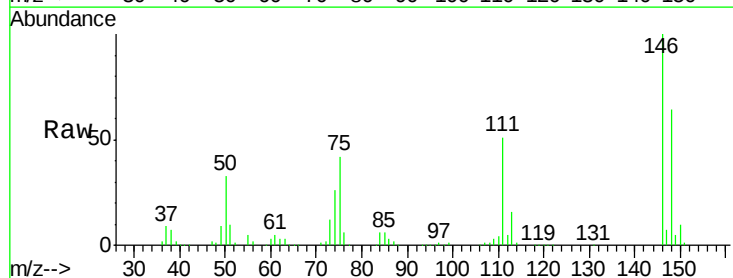
Tgt Ion: 146 Resp: 471580

Ion Ratio Lower Upper

146 100

148 63.8 52.4 78.6

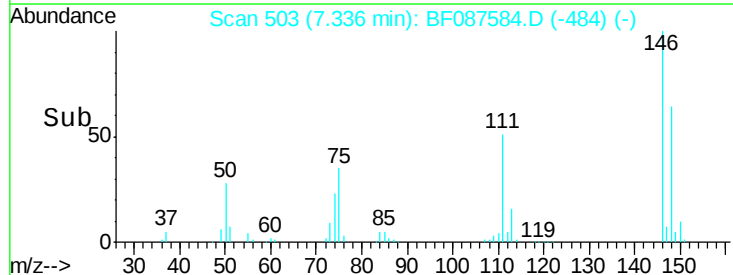
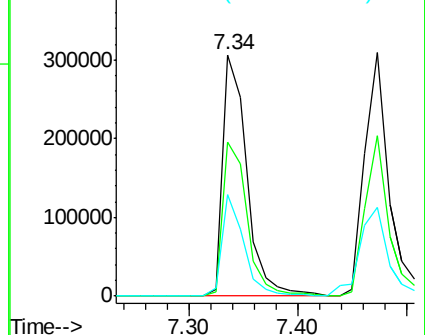
75 41.9 22.8 34.2#

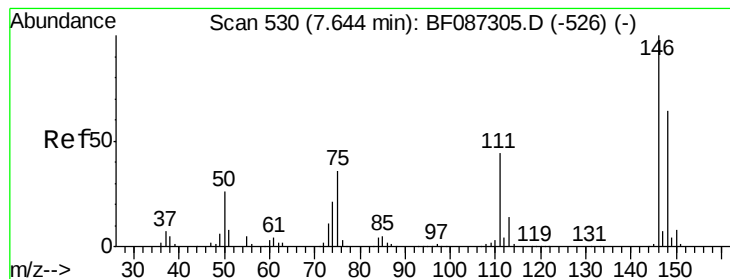


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.41 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

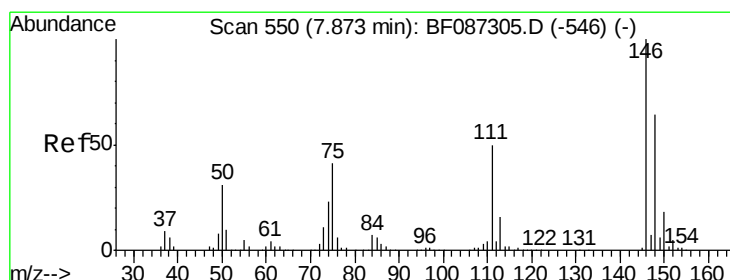
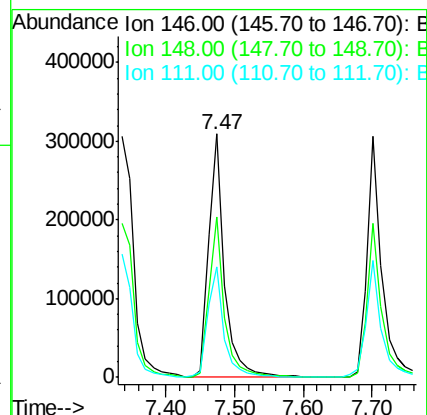
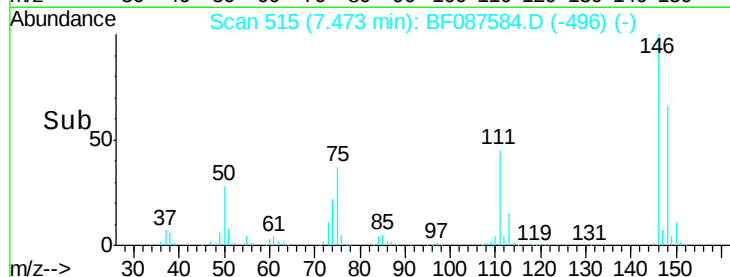
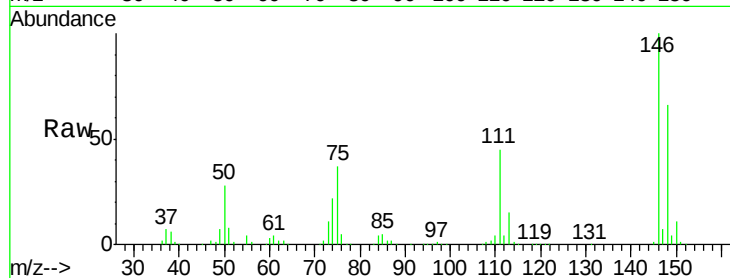
Tgt Ion:146 Resp: 490382

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

111 45.3 30.7 46.1



#14

1,2-Dichlorobenzene

Concen: 39.40 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

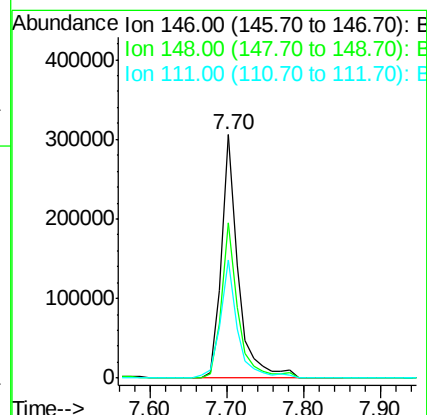
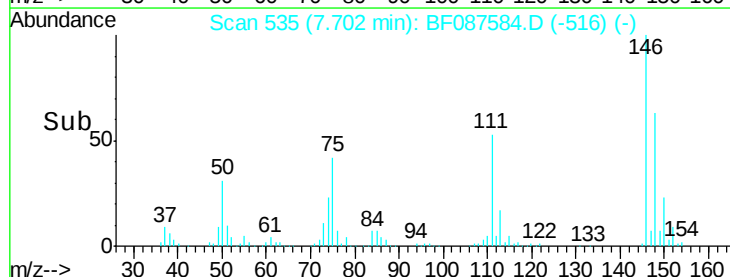
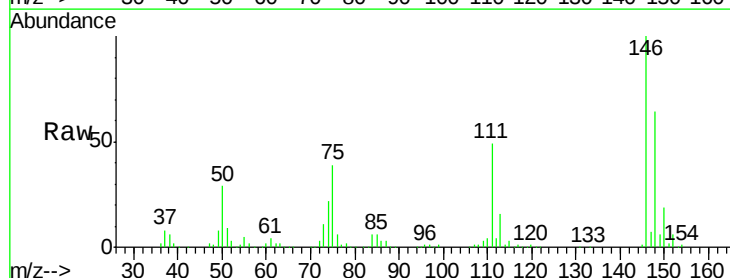
Tgt Ion:146 Resp: 465247

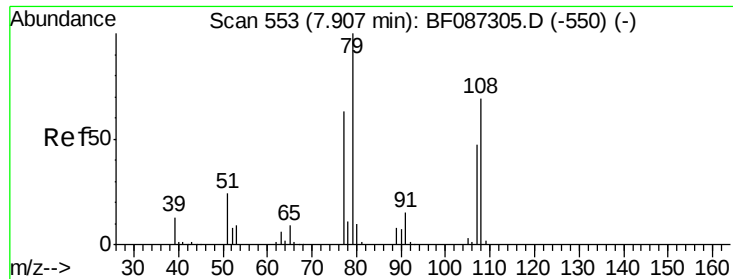
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 48.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.68 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

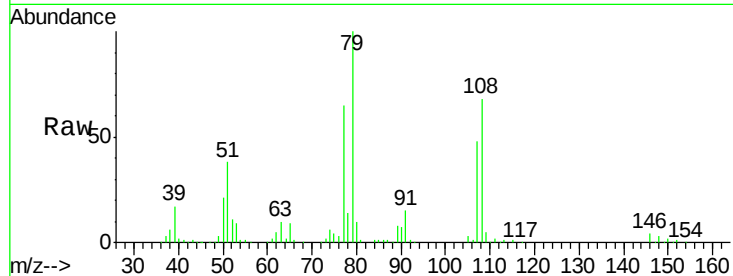
Tgt Ion: 79 Resp: 375399

Ion Ratio Lower Upper

79 100

108 67.8 68.4 102.6#

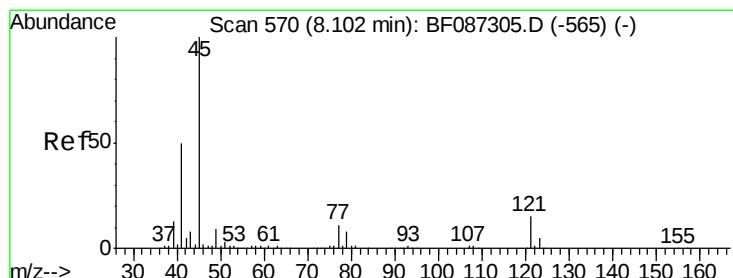
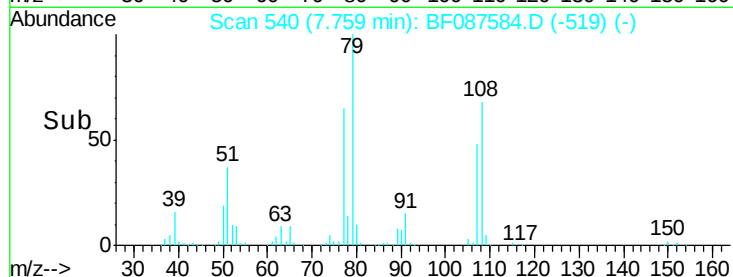
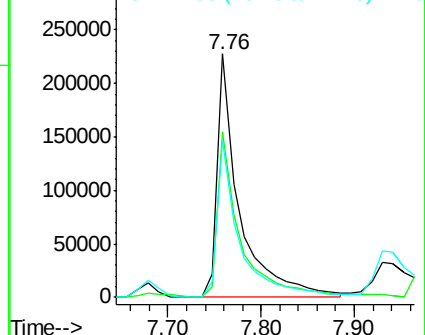
77 64.6 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.02 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

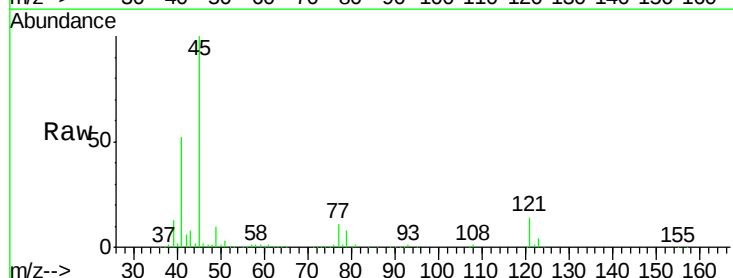
Tgt Ion: 45 Resp: 909396

Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

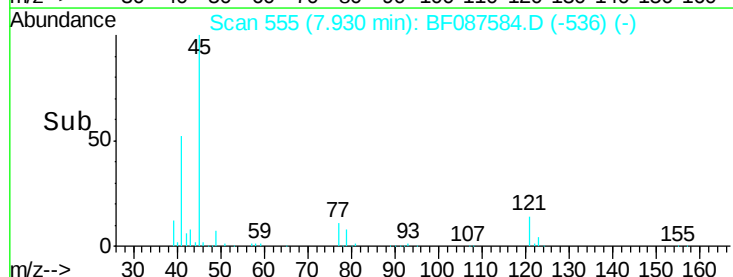
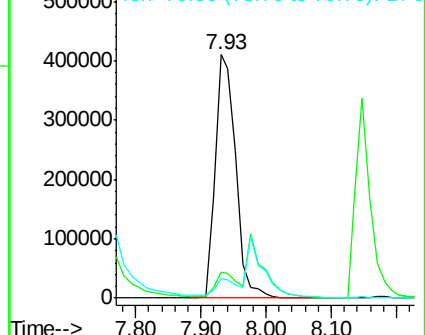
79 8.1 0.0 33.4

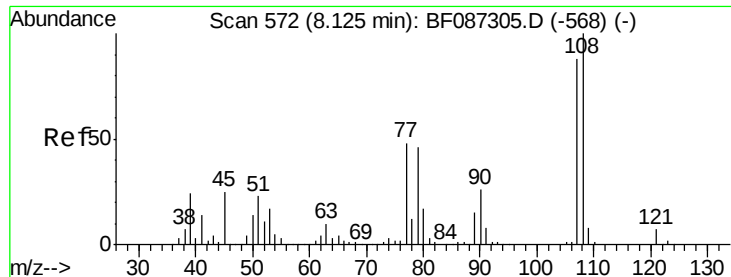


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.95 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 346749

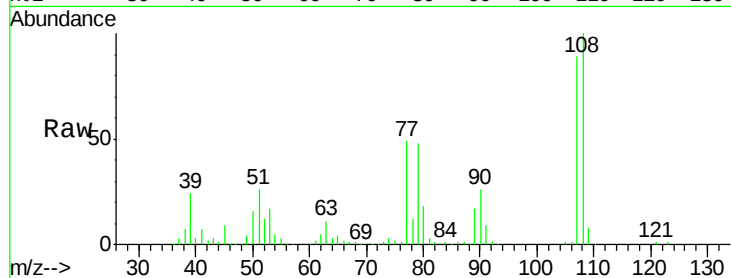
Ion Ratio Lower Upper

107 100

108 112.8 93.7 140.5

77 55.7 33.4 50.0#

79 53.8 34.3 51.5#



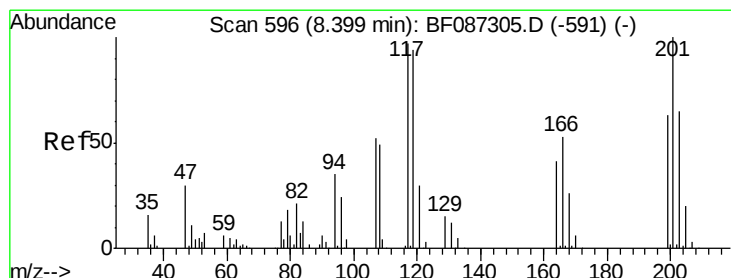
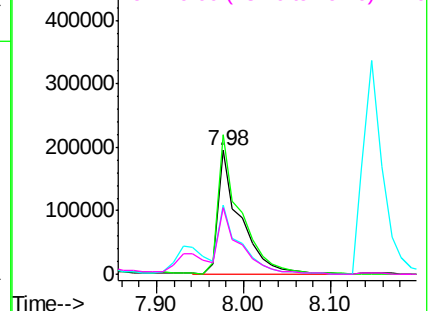
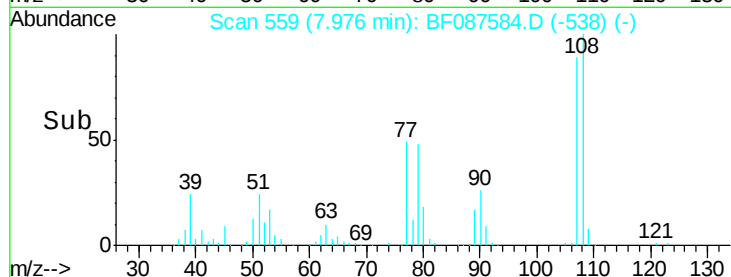
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.73 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

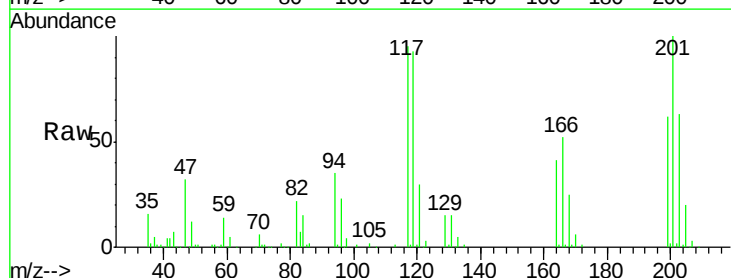
Tgt Ion:117 Resp: 189251

Ion Ratio Lower Upper

117 100

119 98.4 76.5 114.7

201 105.5 63.0 94.6#

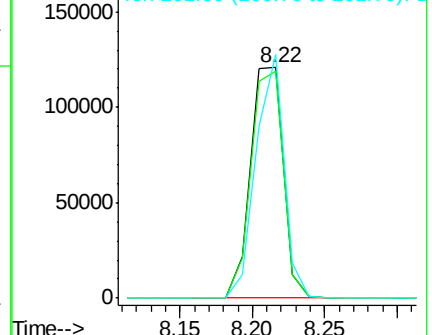
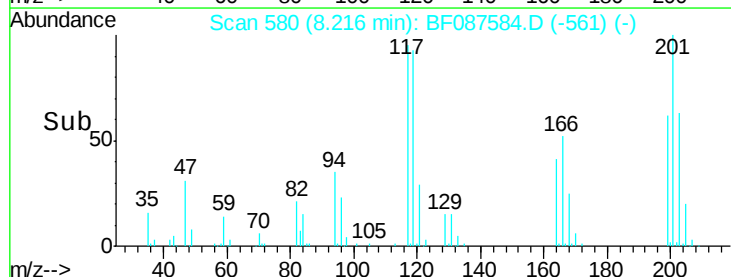


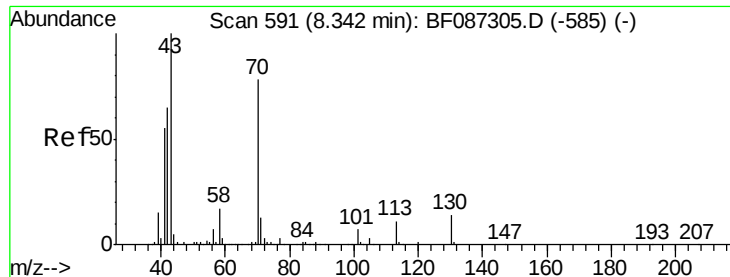
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

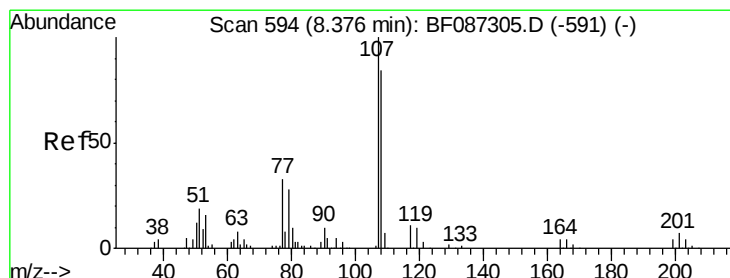
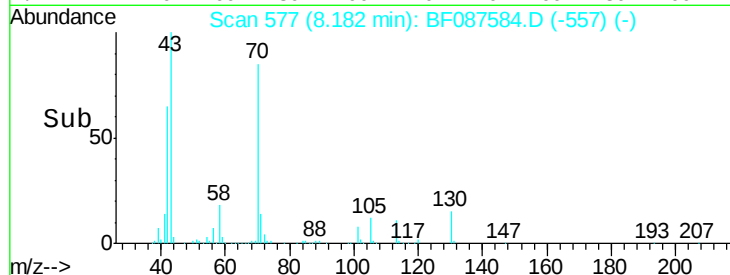
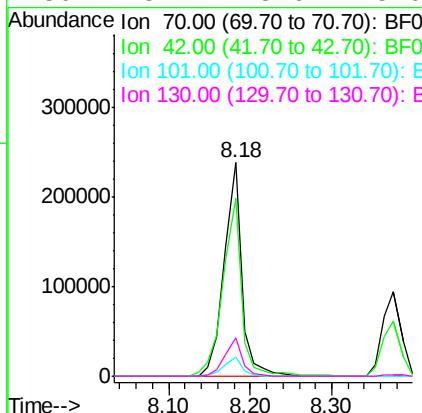
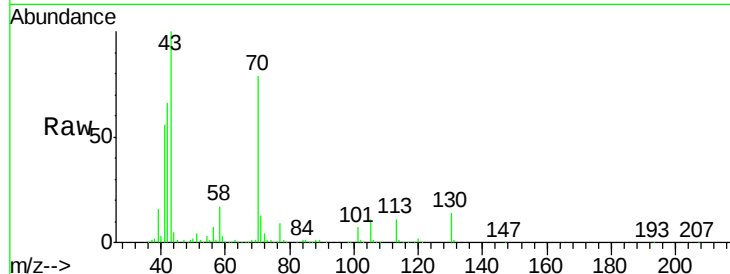




#19
n-Nitroso-di-n-propylamine
Concen: 38.75 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.07 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

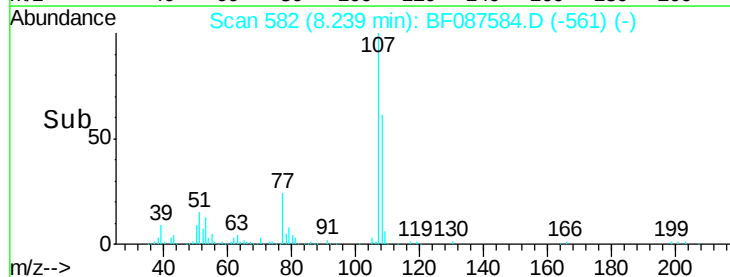
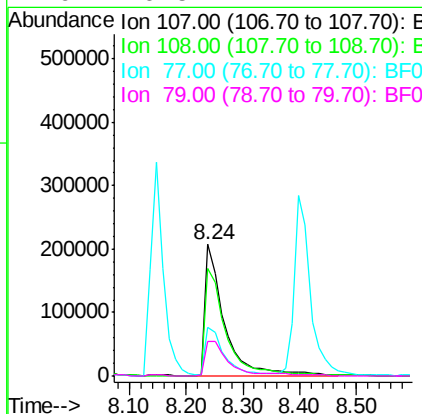
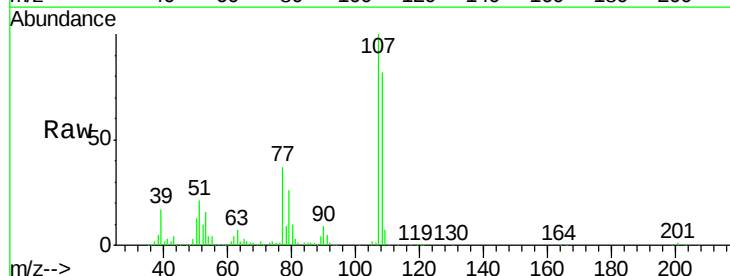
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 357008
Ion Ratio Lower Upper
70 100
42 83.1 43.1 64.7#
101 9.1 8.1 12.1
130 18.2 18.6 28.0#



#20
3+4-Methylphenols
Concen: 43.17 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion: 107 Resp: 476893
Ion Ratio Lower Upper
107 100
108 81.8 68.5 108.5
77 36.8 101.6 141.6#
79 26.5 7.4 47.4

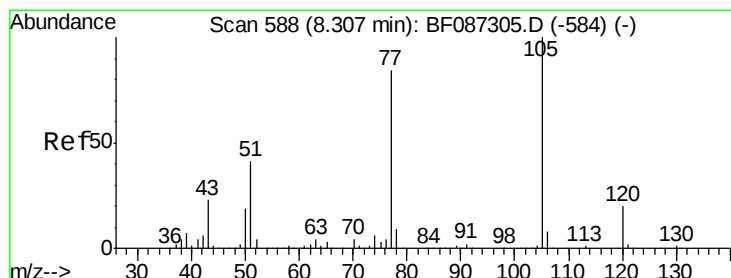
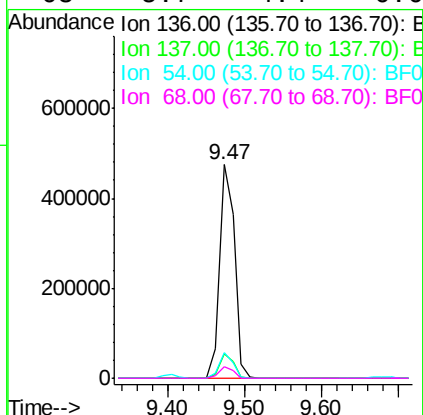
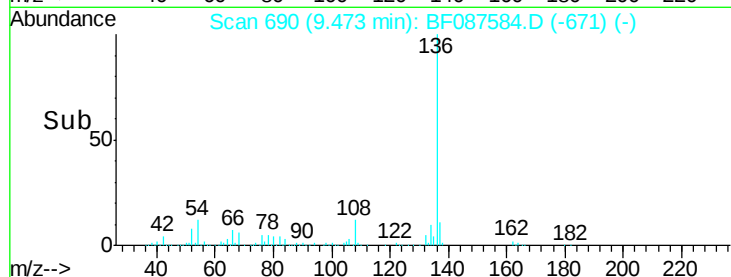
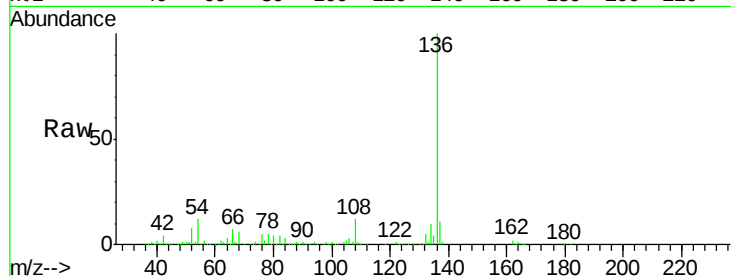




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

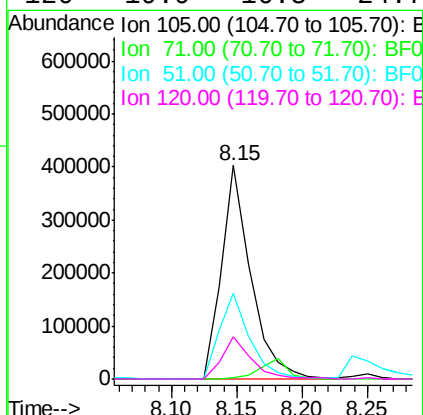
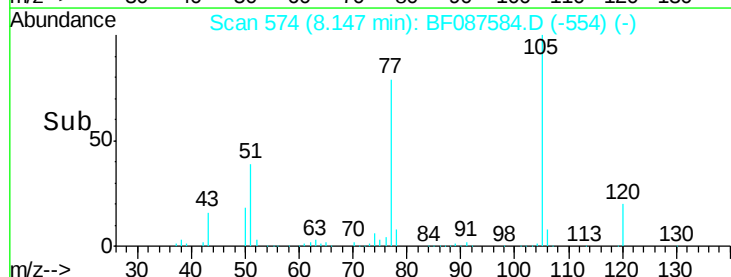
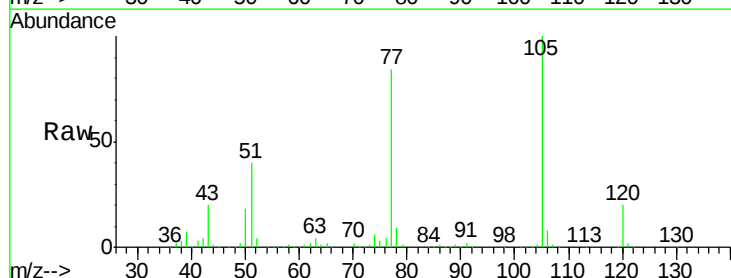
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	647800
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	12.1	5.0	7.4#
68	5.7	4.4	6.6



#22
Acetophenone
Concen: 40.90 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.07 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:	105	Resp:	632983
Ion	Ratio	Lower	Upper
105	100		
71	0.5	4.8	7.2#
51	40.4	32.6	49.0
120	19.9	16.5	24.7

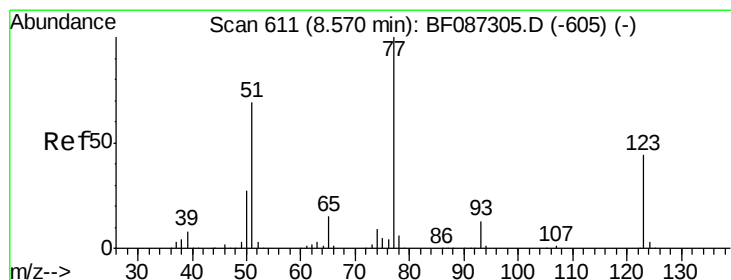
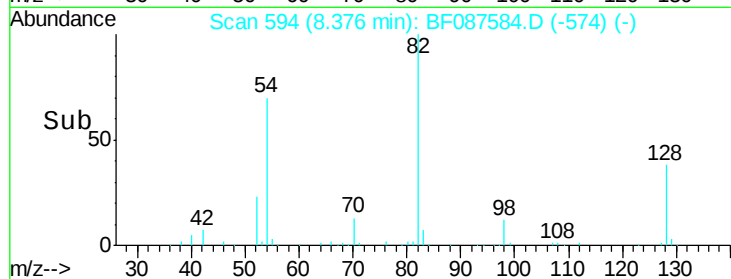
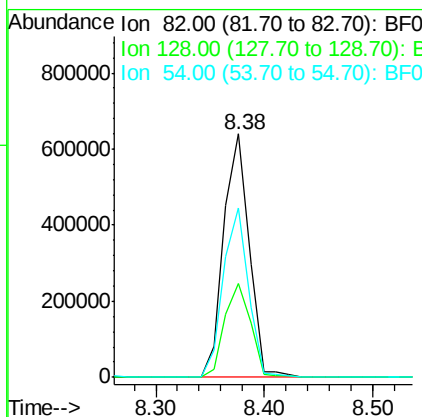
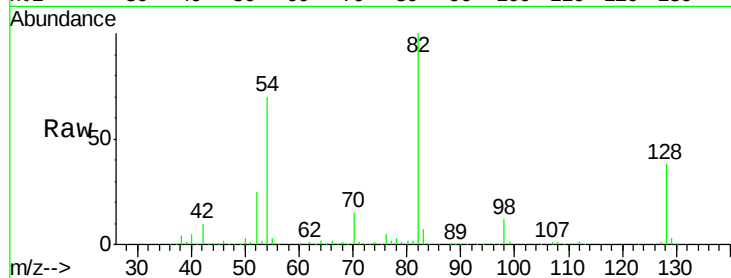




#23
 Nitrobenzene-d5
 Concen: 80.58 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

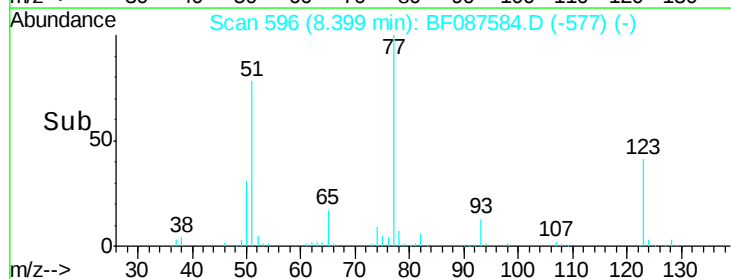
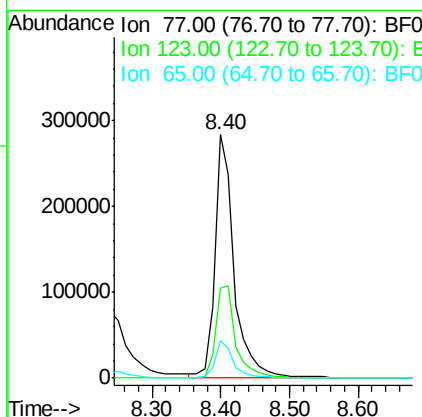
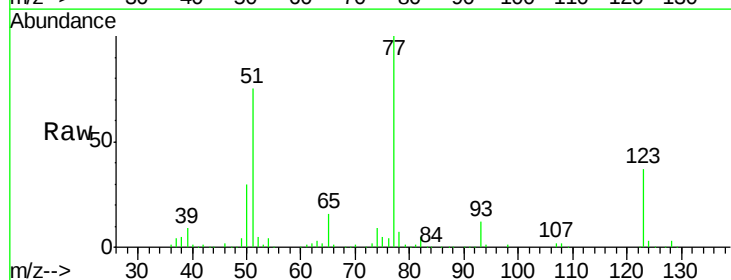
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

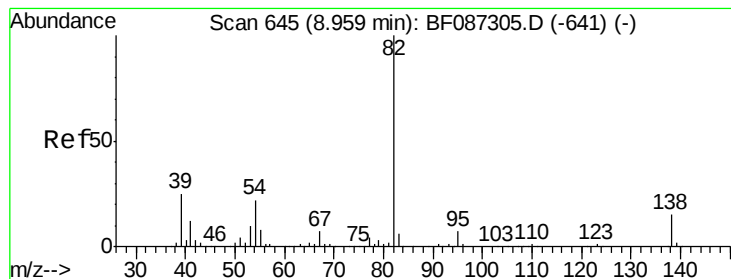
Tgt Ion: 82 Resp: 1035737
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 69.7 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.42 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion: 77 Resp: 548451
 Ion Ratio Lower Upper
 77 100
 123 37.1 33.0 49.4
 65 15.6 10.8 16.2





#25

Isophorone

Concen: 39.67 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

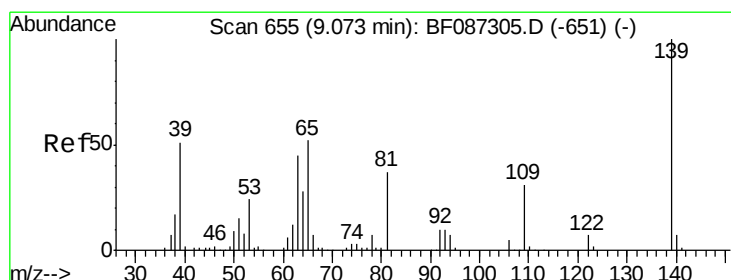
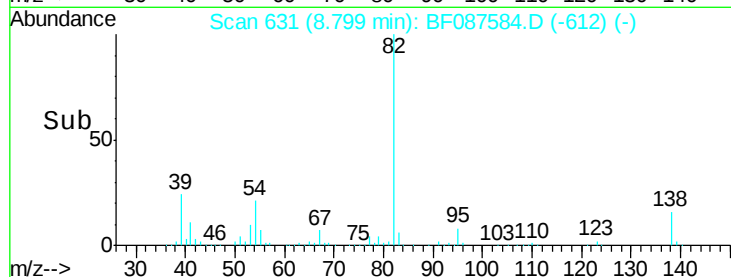
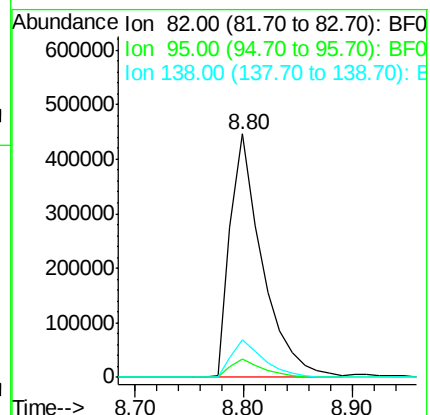
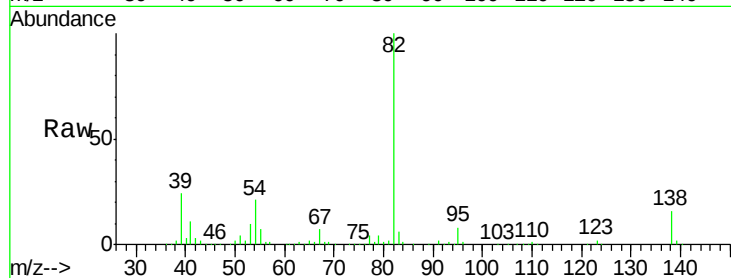
Tgt Ion: 82 Resp: 914431

Ion Ratio Lower Upper

82 100

95 7.6 5.1 7.7

138 15.5 12.4 18.6



#26

2-Nitrophenol

Concen: 41.58 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

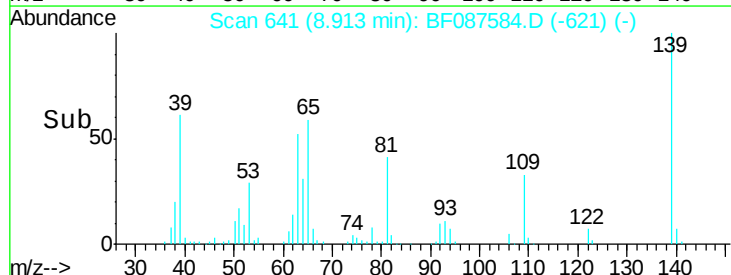
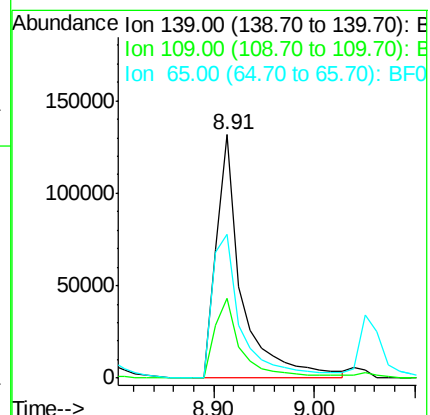
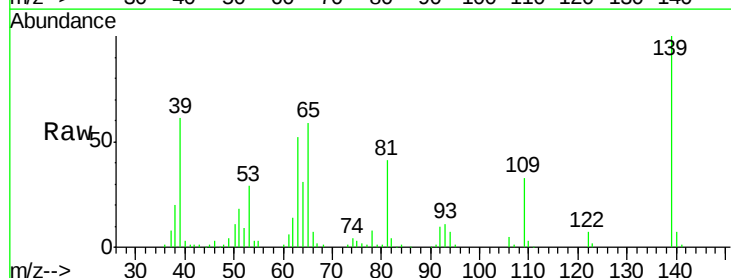
Tgt Ion: 139 Resp: 230599

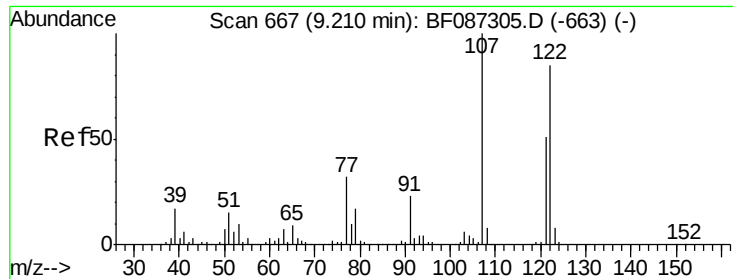
Ion Ratio Lower Upper

139 100

109 32.9 19.5 29.3#

65 58.8 37.5 56.3#

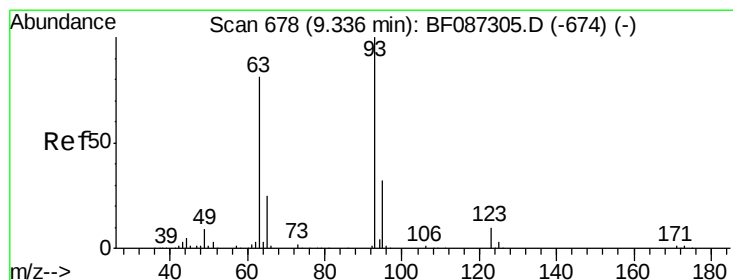
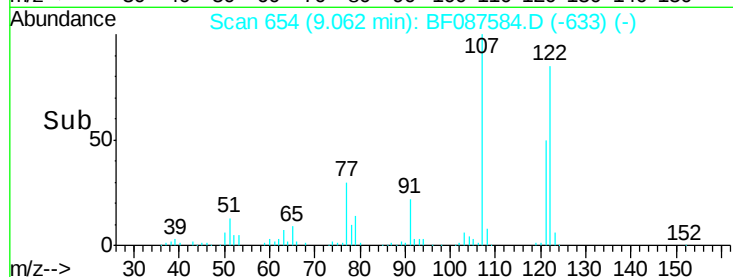
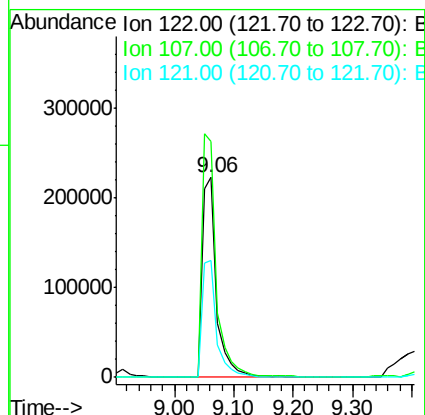
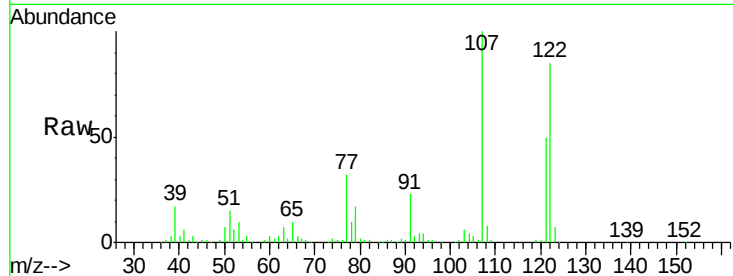




#27
 2,4-Dimethylphenol
 Concen: 39.89 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

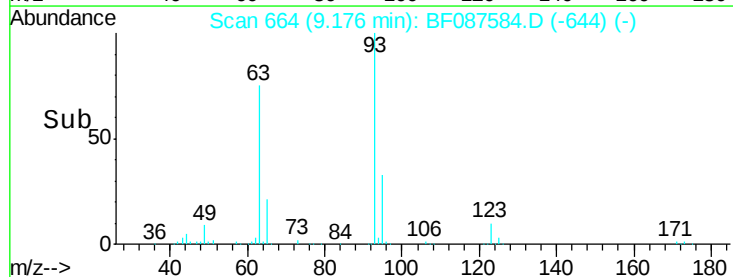
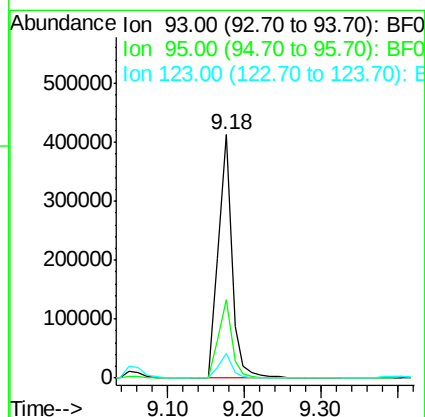
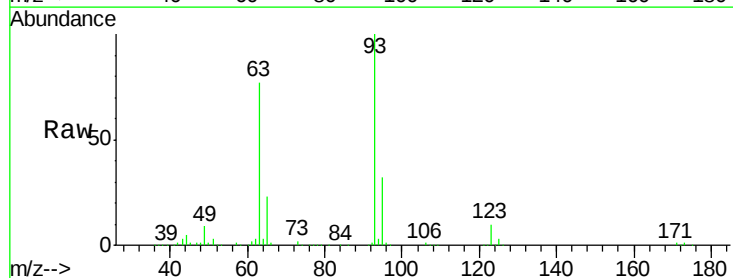
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

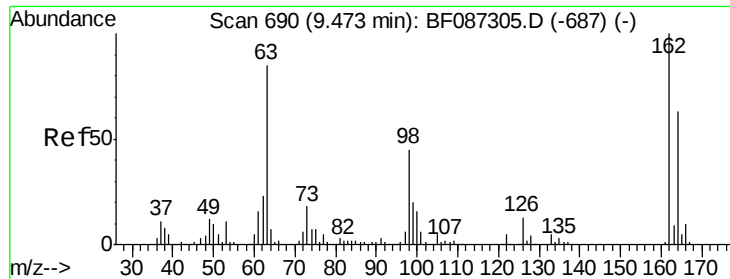
Tgt Ion: 122 Resp: 384038
 Ion Ratio Lower Upper
 122 100
 107 118.0 82.0 123.0
 121 58.5 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.64 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion: 93 Resp: 514751
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 10.0 9.5 14.3

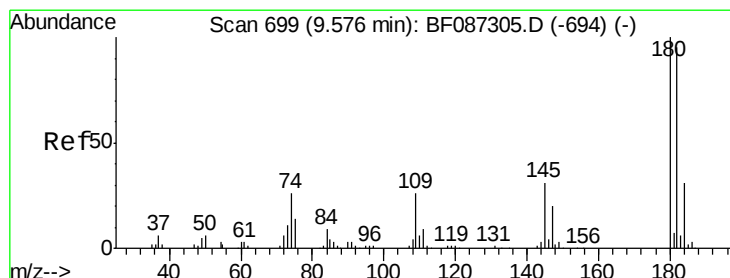
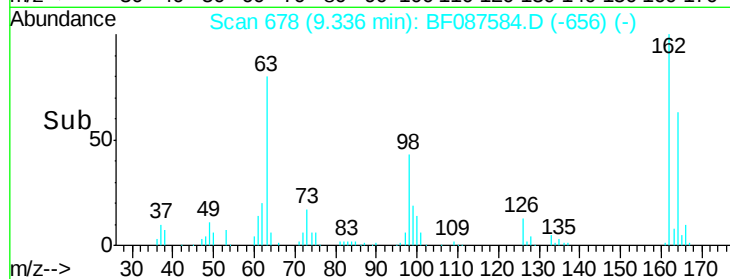
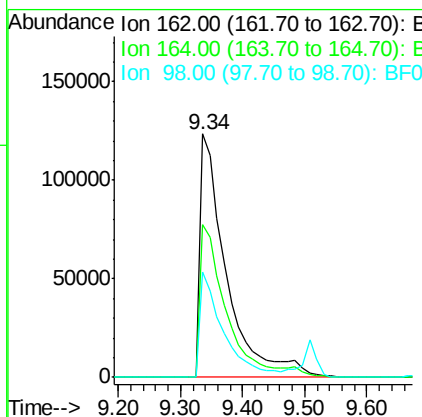
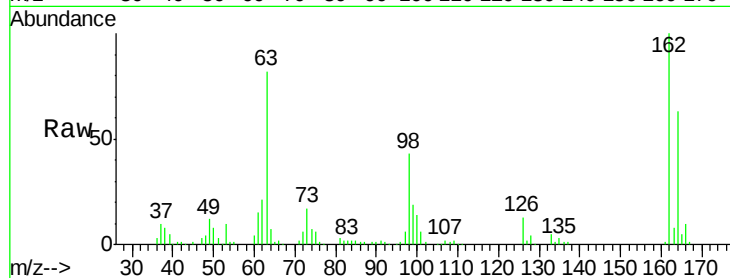




#29
 2,4-Dichlorophenol
 Concen: 41.91 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

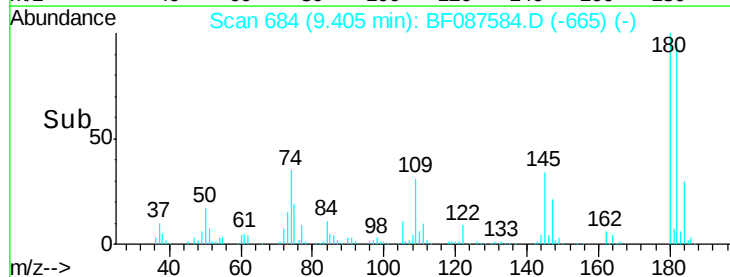
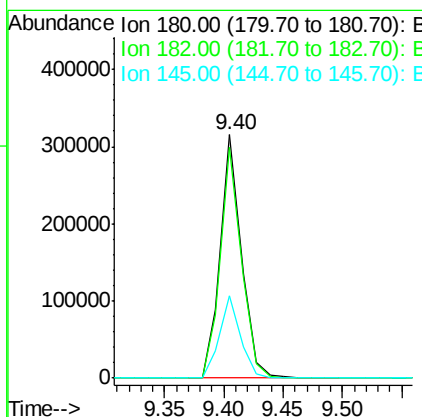
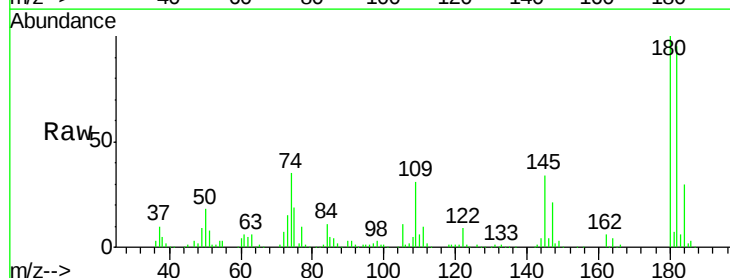
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

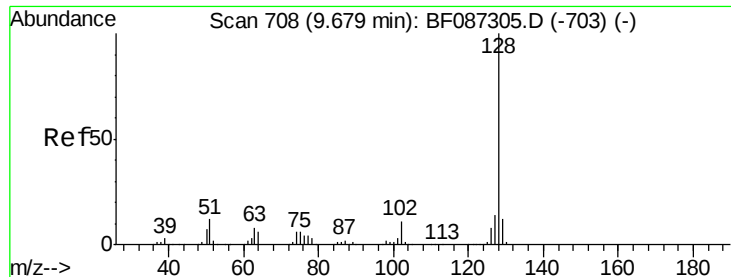
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.2	82.2
98	43.2	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.95 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.0	117.0
145	34.0	24.2	36.2

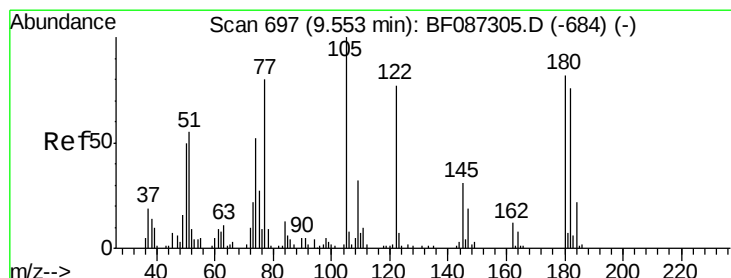
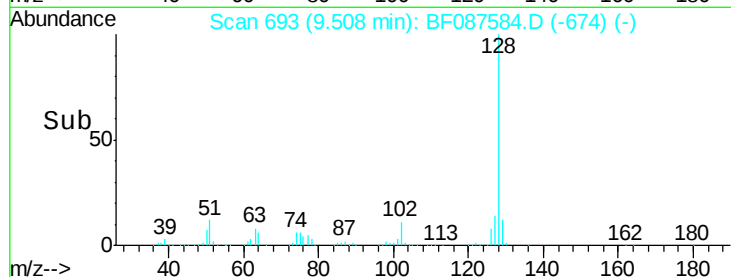
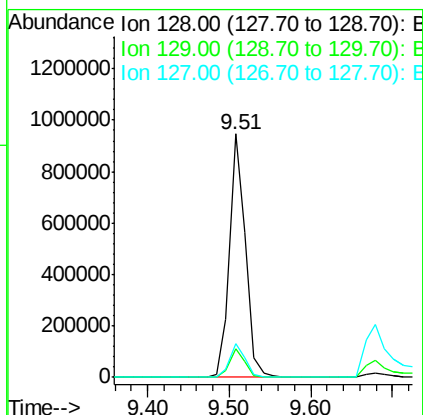
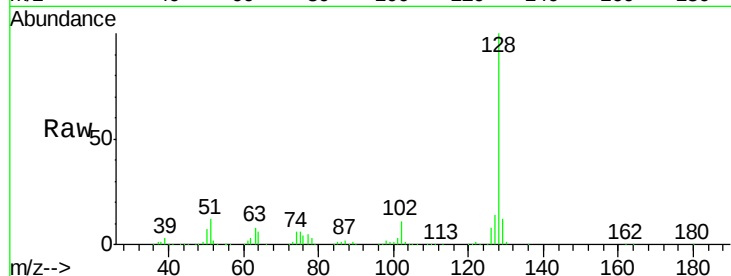




#31
Naphthalene
Concen: 39.16 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

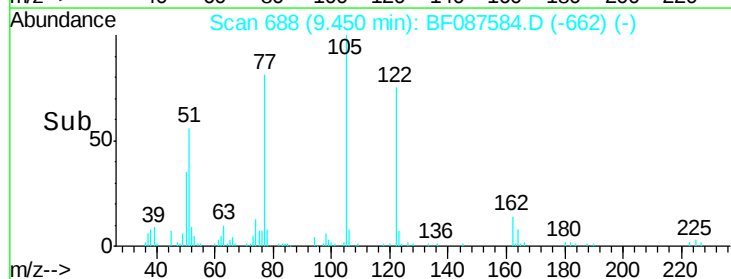
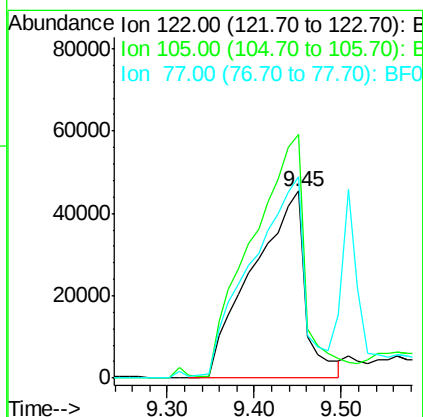
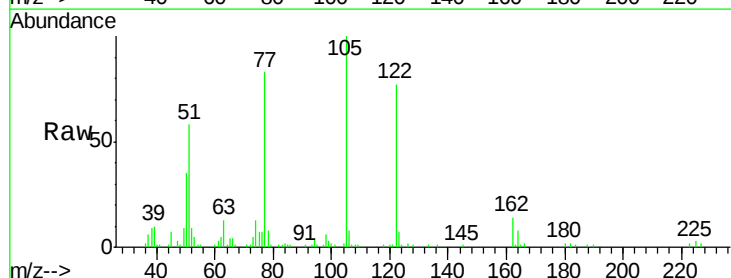
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1271076
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 39.85 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:122 Resp: 192014
Ion Ratio Lower Upper
122 100
105 130.2 92.6 132.6
77 107.4 60.0 100.0#

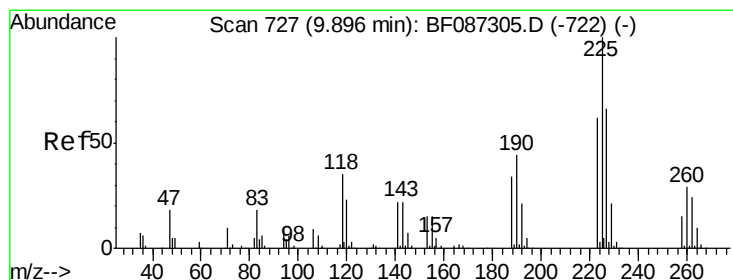
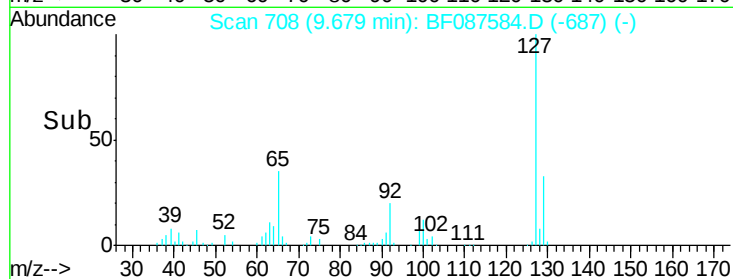
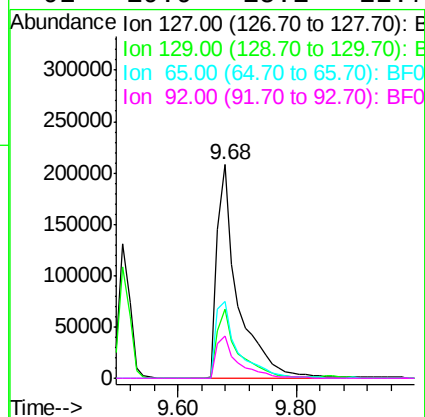
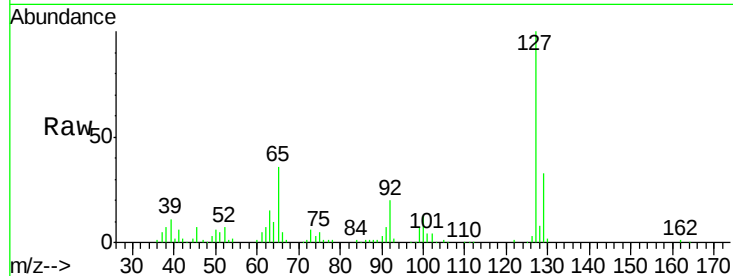




#33
4-Chloroaniline
Concen: 41.71 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.06 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

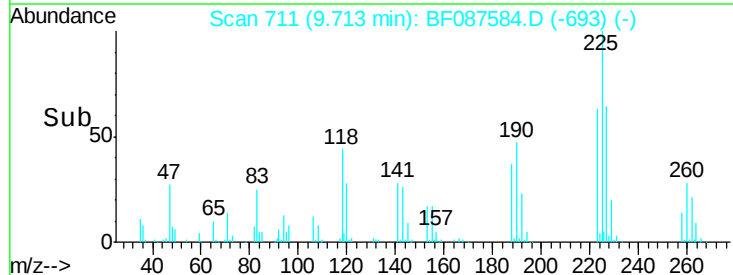
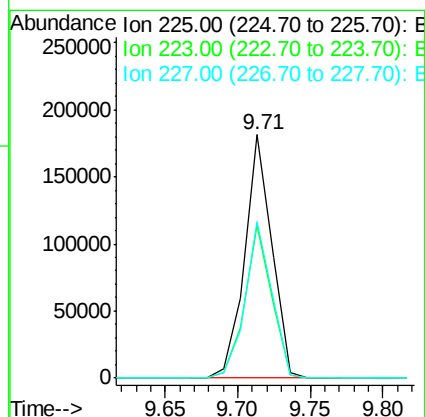
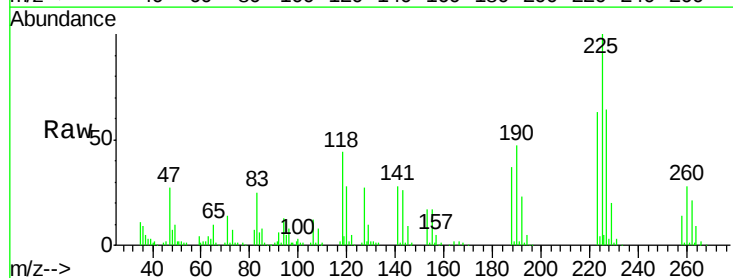
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

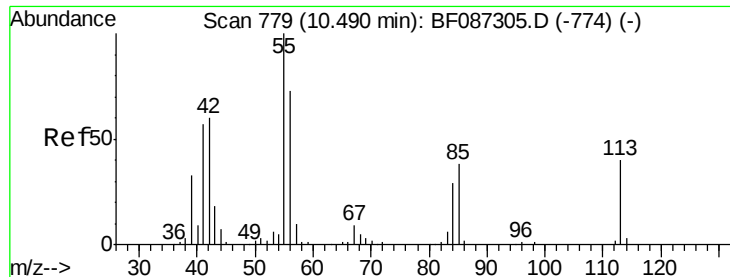
Tgt Ion:	127	Resp:	498636
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	35.9	23.0	34.4
92	19.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.85 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.09 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:	225	Resp:	234568
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.5	77.3
227	64.4	52.2	78.2

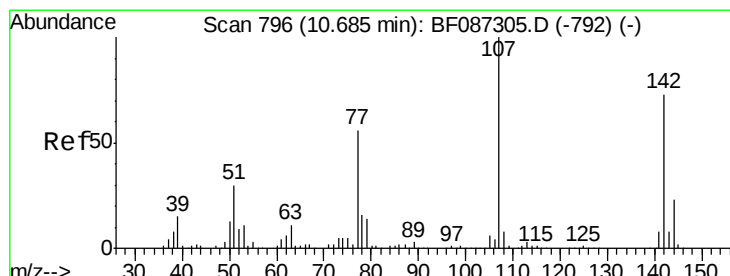
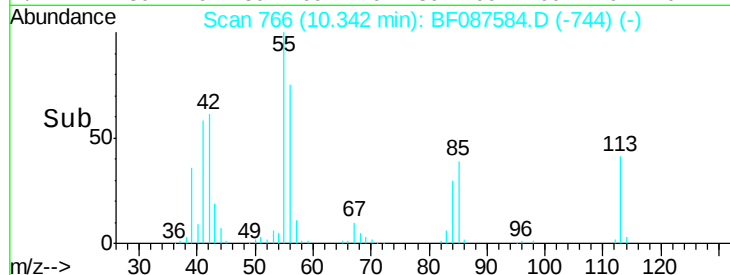
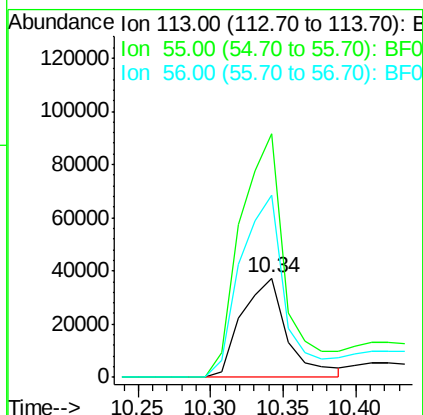
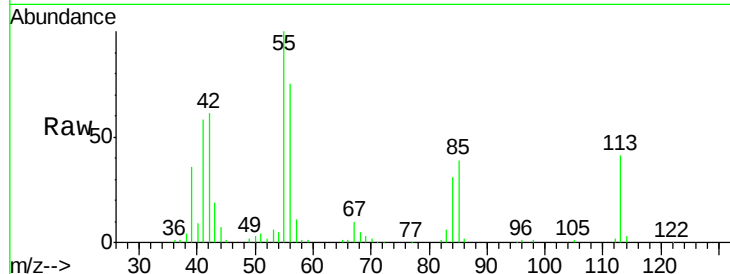




#35
 Caprolactam
 Concen: 32.05 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

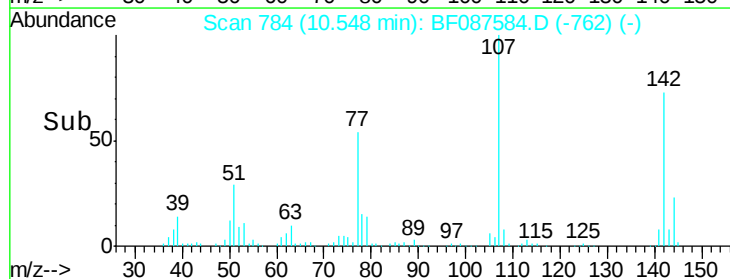
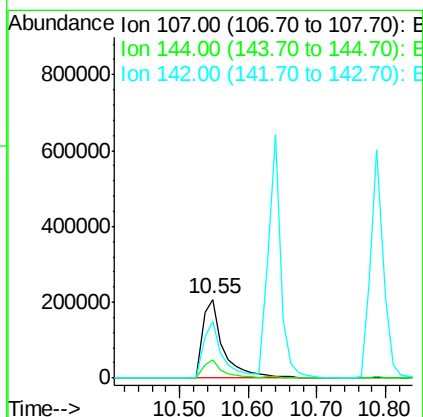
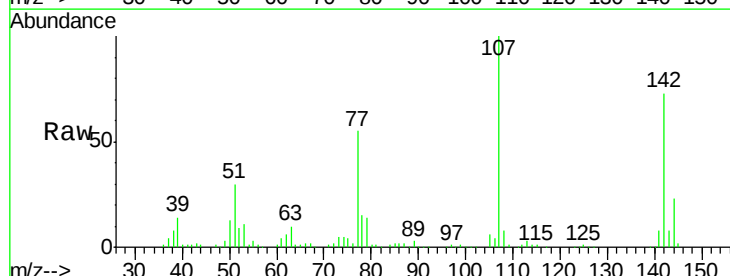
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

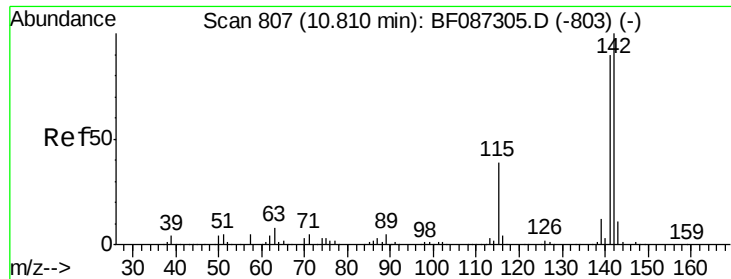
Tgt Ion:113 Resp: 81160
 Ion Ratio Lower Upper
 113 100
 55 245.6 162.0 202.0#
 56 183.9 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 43.67 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.05 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion:107 Resp: 428365
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.7 31.1
 142 72.9 63.2 94.8

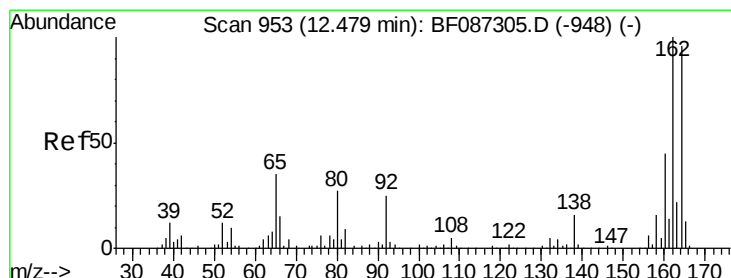
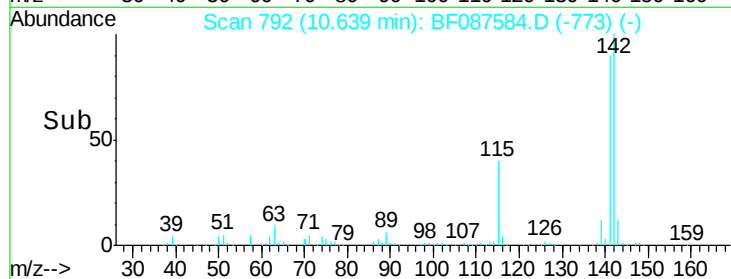
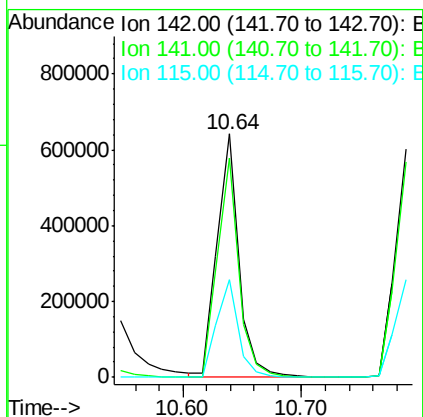
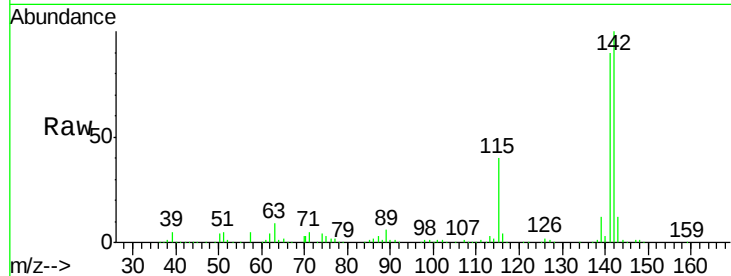




#37
2-Methylnaphthalene
Concen: 40.18 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

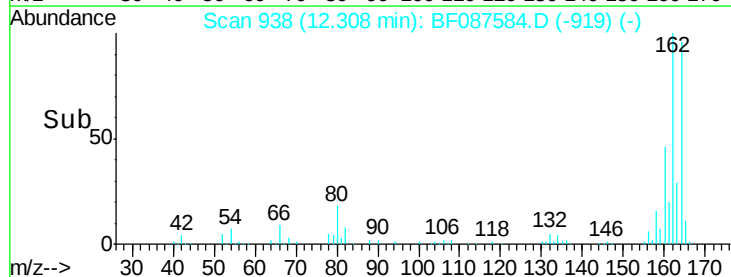
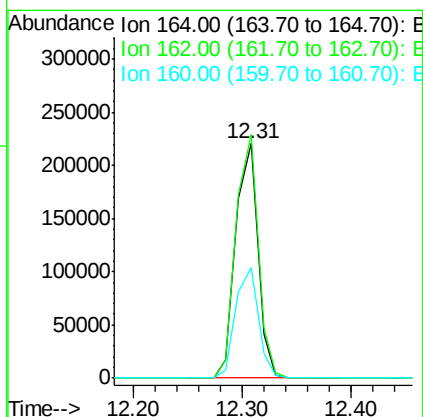
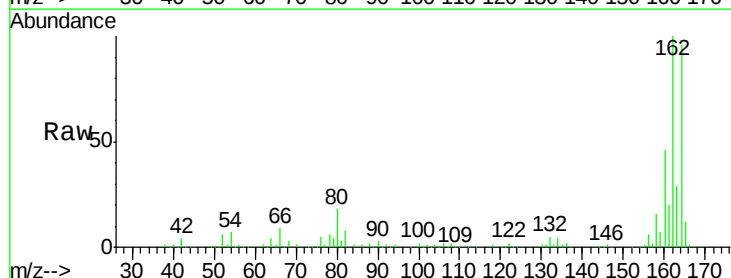
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 814902
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 40.0 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.31 min Scan# 938
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:164 Resp: 310348
Ion Ratio Lower Upper
164 100
162 104.0 82.8 124.2
160 47.4 36.9 55.3

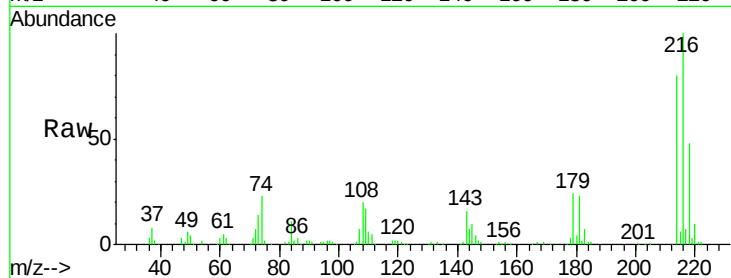




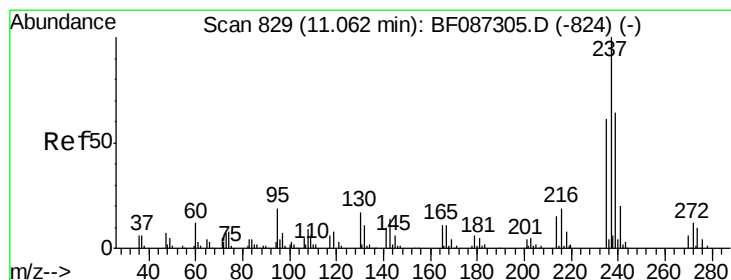
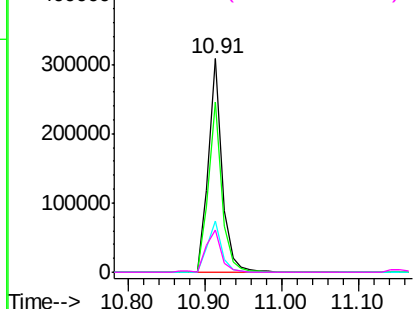
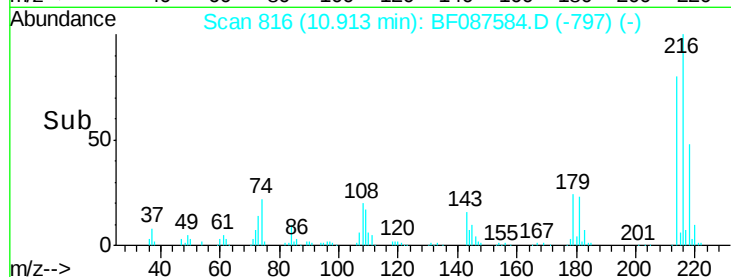
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.06 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	378135
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	24.0	18.2	27.4
108	22.3	17.5	26.3

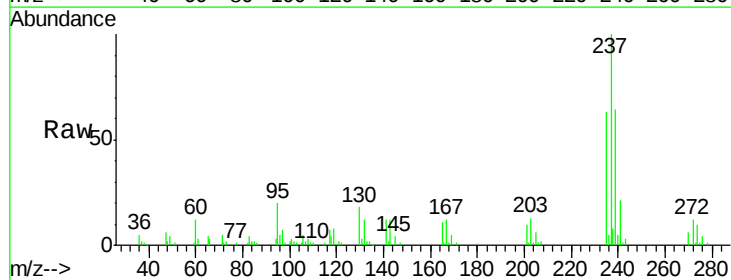


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

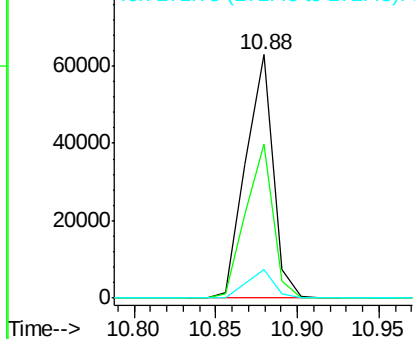
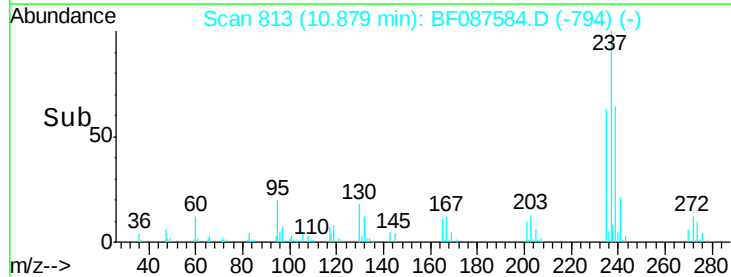


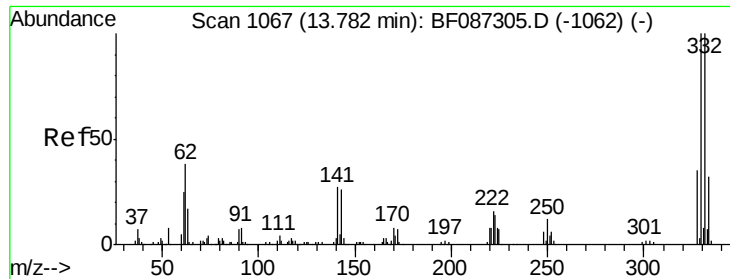
#40
 Hexachlorocyclopentadiene
 Concen: 25.23 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion:	237	Resp:	73137
Ion	Ratio	Lower	Upper
237	100		
235	63.3	47.2	87.2
272	11.6	0.0	31.1



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

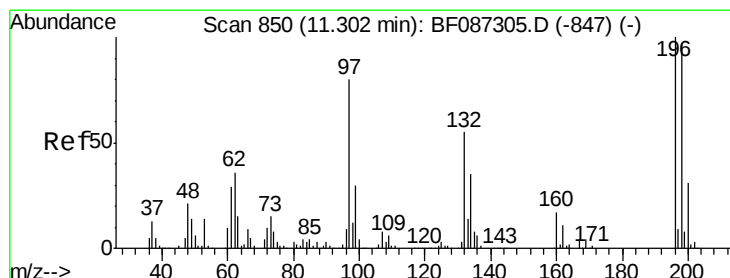
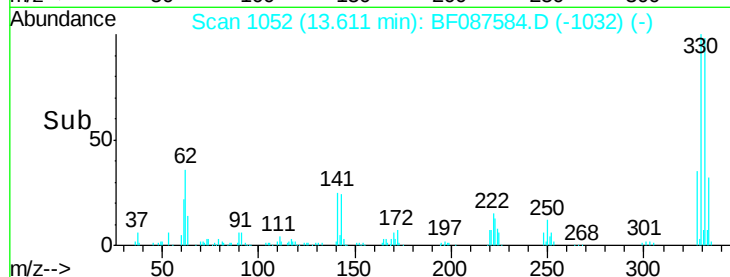
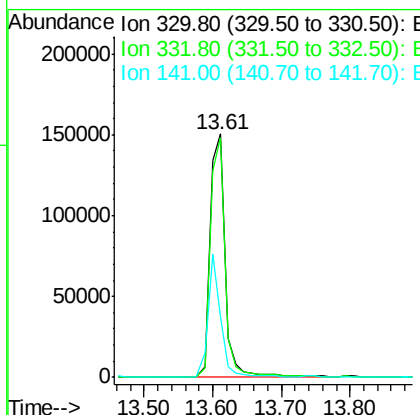
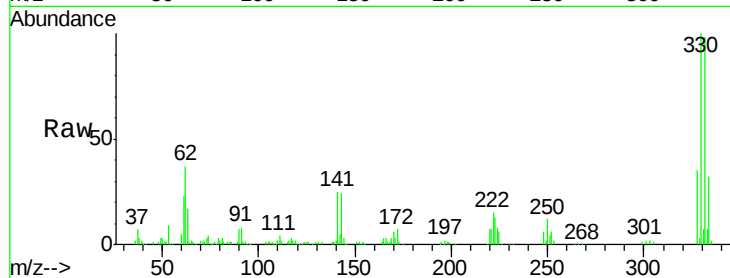




#41
 2,4,6-Tribromophenol
 Concen: 78.46 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

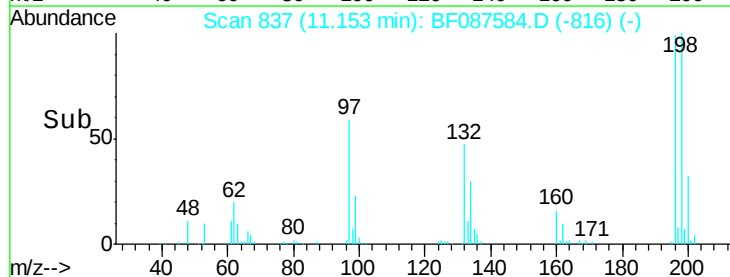
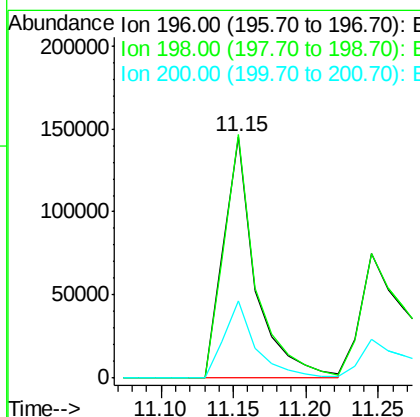
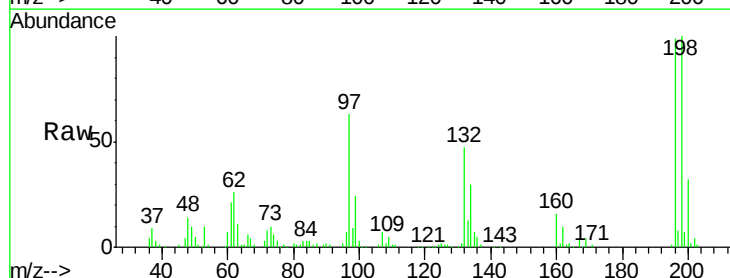
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	233995		
332	97.4	79.0	118.4	
141	42.5	31.2	46.8	



#42
 2,4,6-Trichlorophenol
 Concen: 38.75 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.06 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222202		
198	100.8	74.7	112.1	
200	31.8	23.8	35.6	

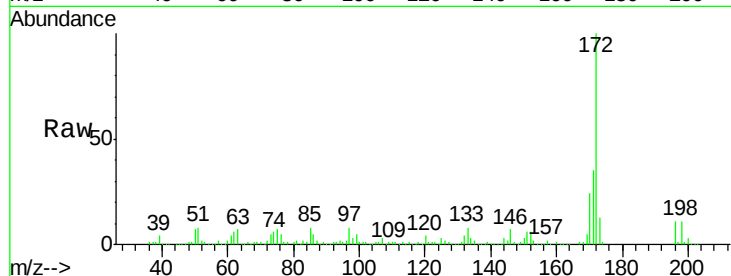




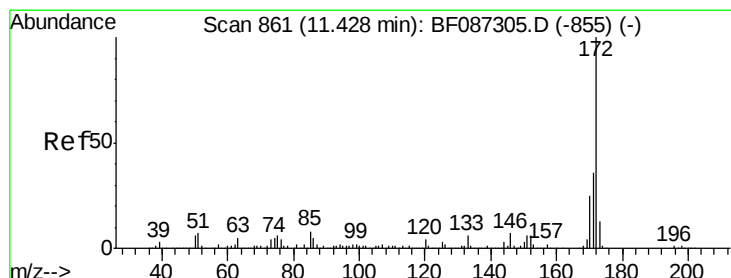
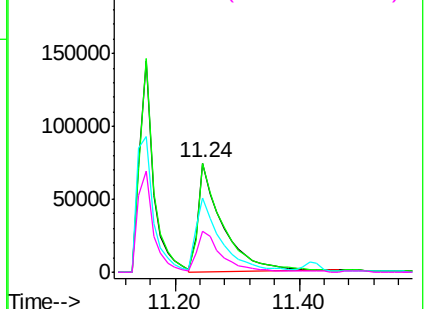
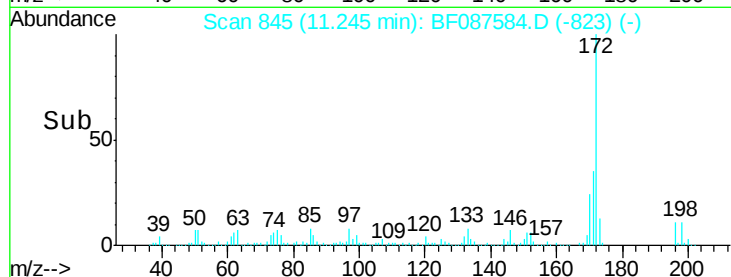
#43
 2,4,5-Trichlorophenol
 Concen: 34.63 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	202197
Ion Ratio	Lower	Upper	
196	100		
198	99.8	77.5	116.3
97	67.8	34.8	52.2#
132	37.4	23.0	34.4#

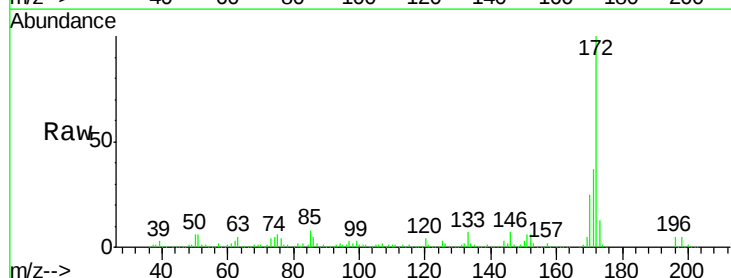


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

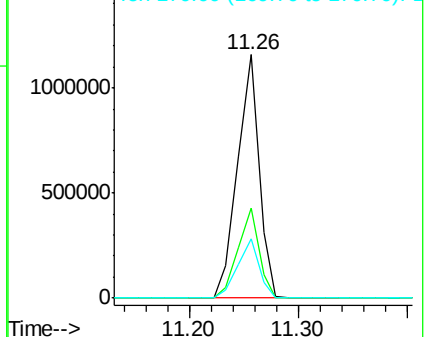
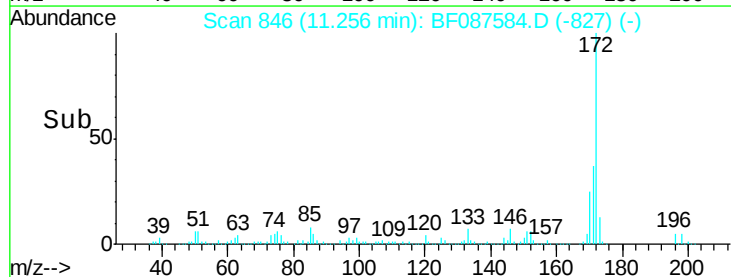


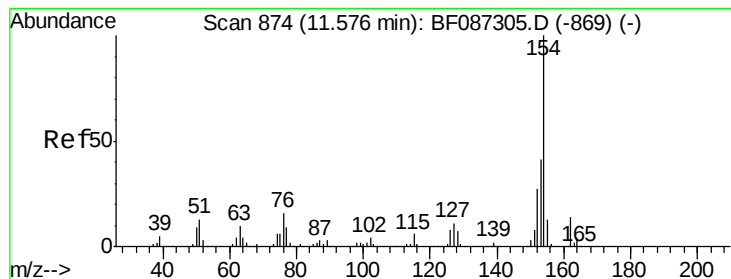
#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion:	172	Resp:	1585346
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.0	43.6
170	24.6	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 37.78 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

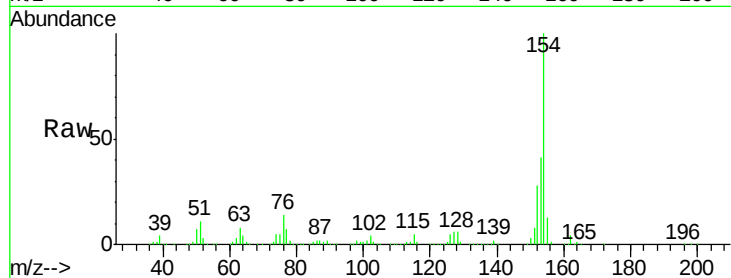
Tgt Ion:154 Resp: 987051

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

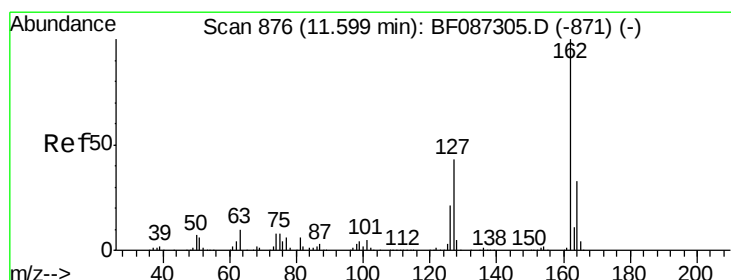
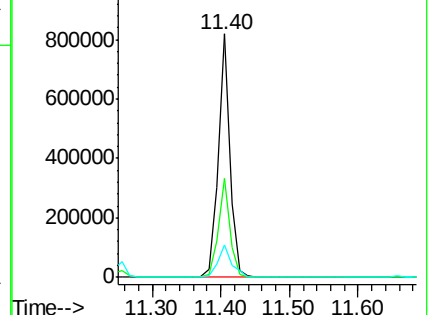
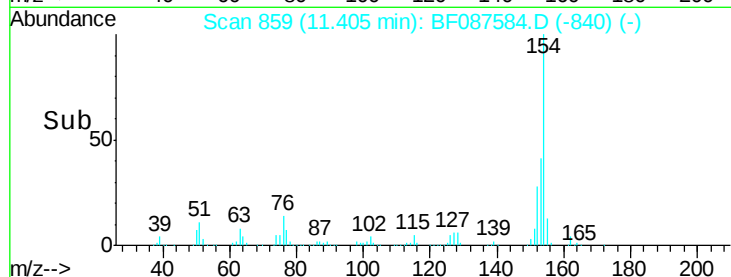
76 13.5 0.0 30.2



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: 38.82 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

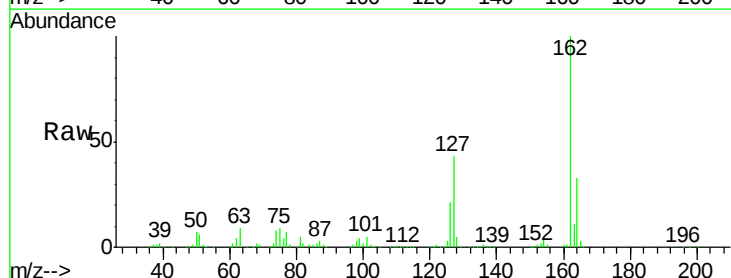
Tgt Ion:162 Resp: 775942

Ion Ratio Lower Upper

162 100

127 42.8 31.8 47.6

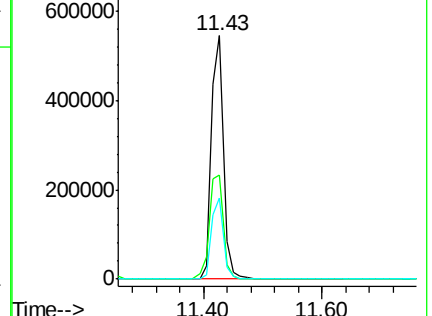
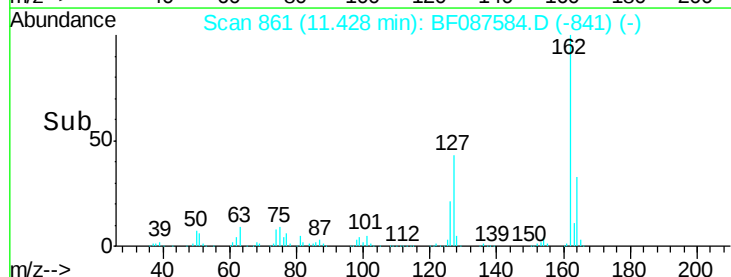
164 33.1 27.0 40.6

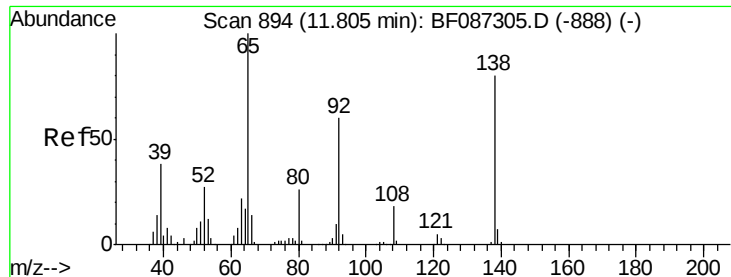


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

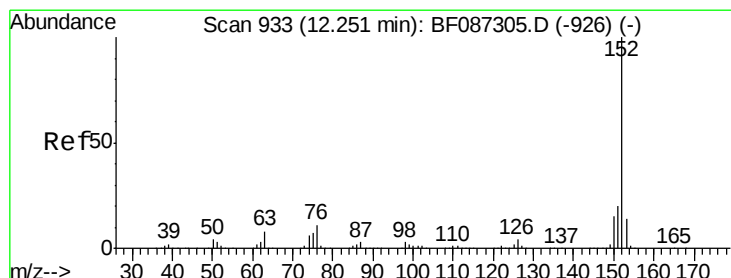
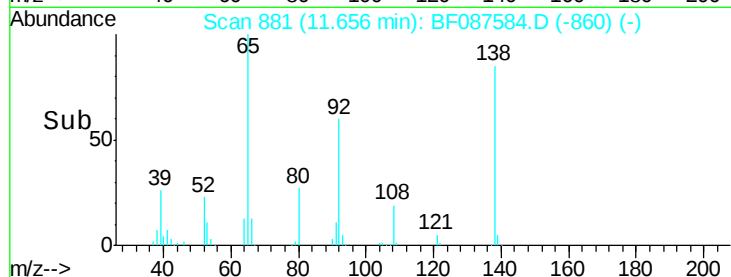
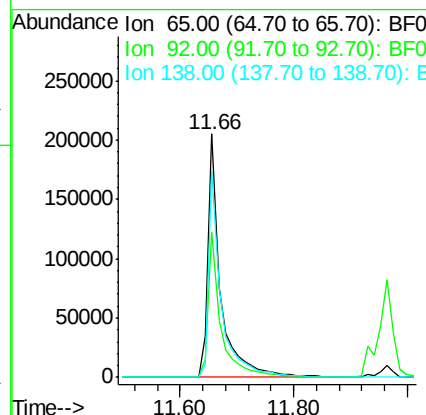
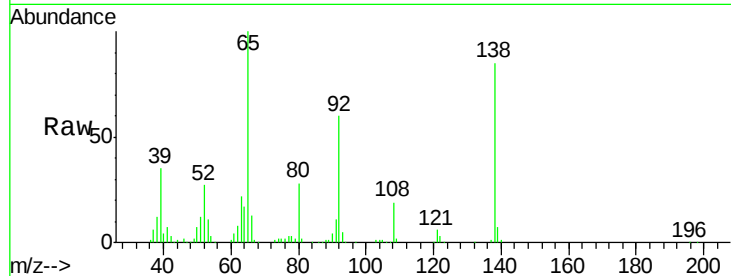




#47
 2-Nitroaniline
 Concen: 42.88 ng
 RT: 11.66 min Scan# 881
 Delta R.T. -0.06 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

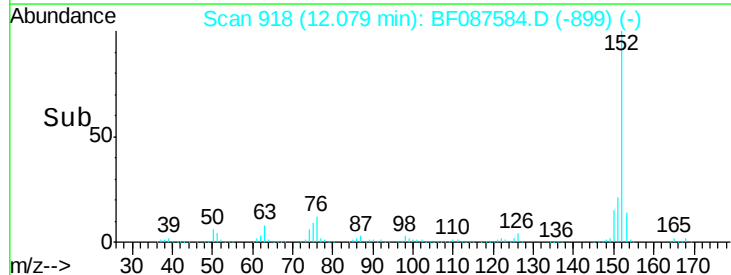
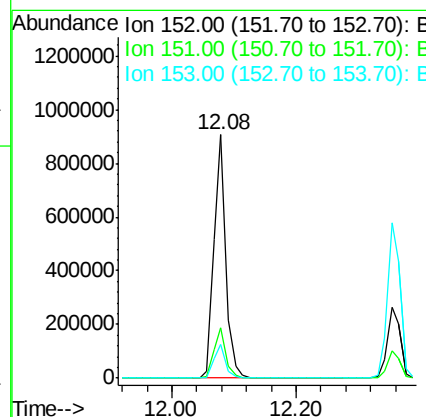
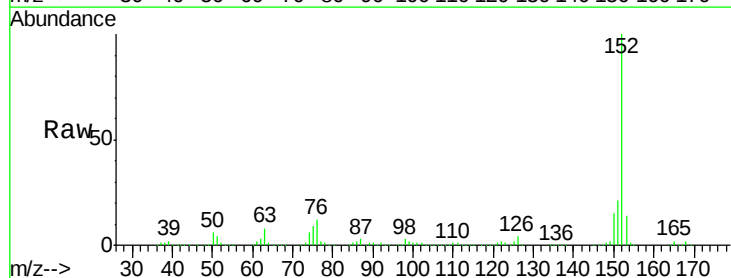
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

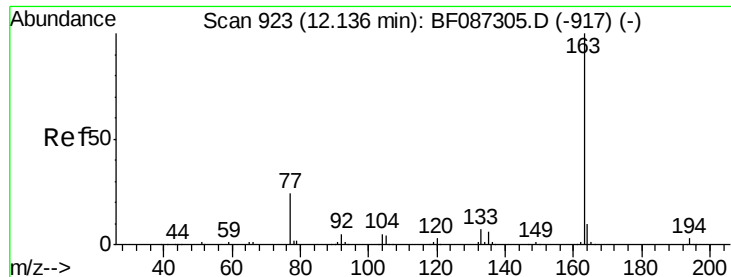
Tgt Ion: 65 Resp: 308810
 Ion Ratio Lower Upper
 65 100
 92 59.6 57.4 86.2
 138 84.7 90.1 135.1#



#48
 Acenaphthylene
 Concen: 37.59 ng
 RT: 12.08 min Scan# 918
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion: 152 Resp: 1189528
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.9 10.9 16.3

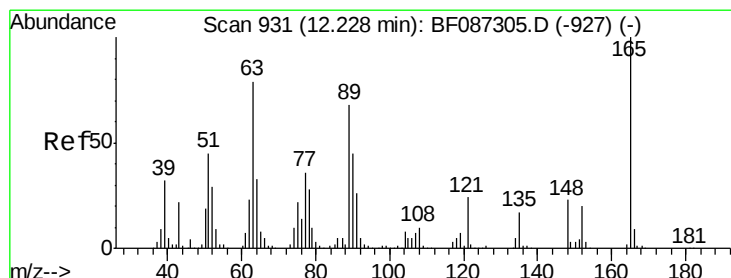
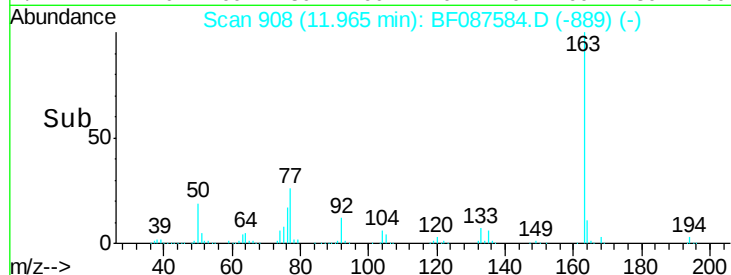
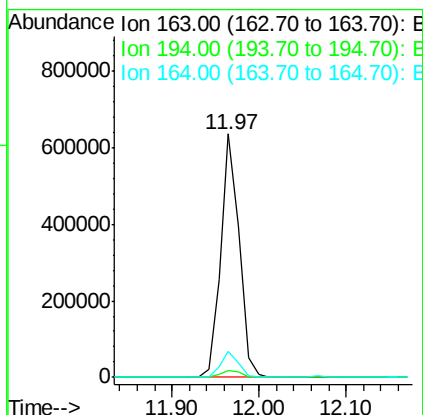
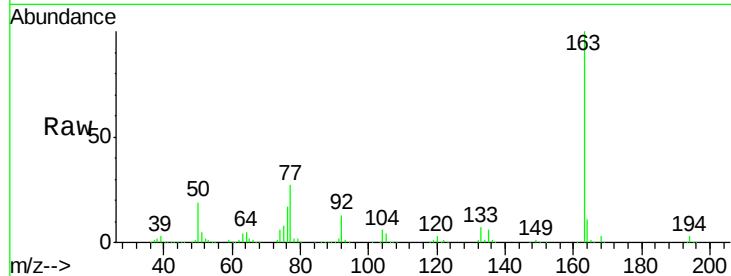




#49
Dimethylphthalate
Concen: 37.85 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

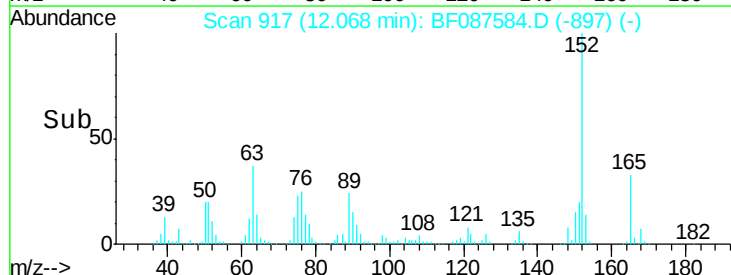
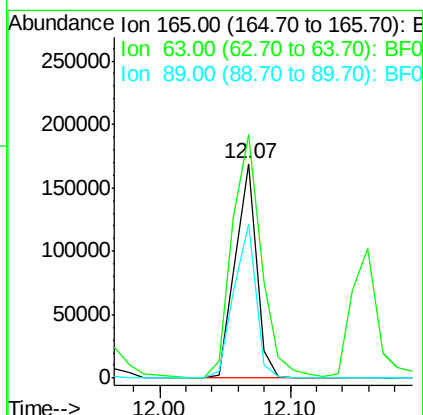
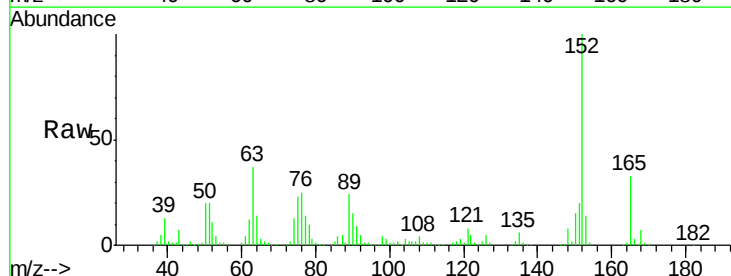
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

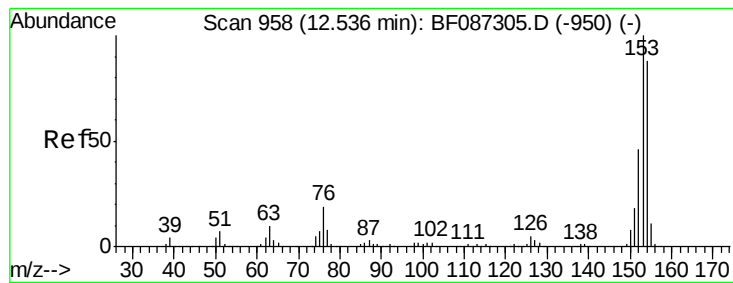
Tgt Ion:163 Resp: 941071
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 38.22 ng
RT: 12.07 min Scan# 917
Delta R.T. -0.07 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:165 Resp: 191451
Ion Ratio Lower Upper
165 100
63 113.3 51.8 77.8#
89 71.8 50.7 76.1





#51

Acenaphthene

Concen: 37.67 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

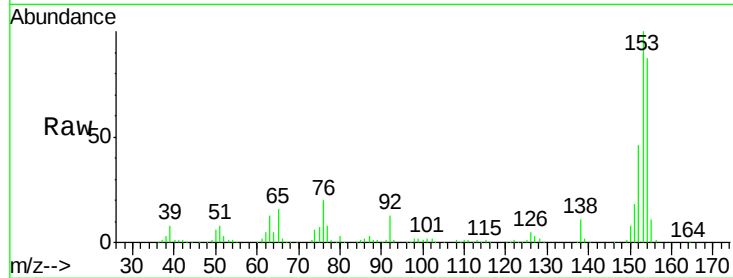
Tgt Ion:154 Resp: 732746

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

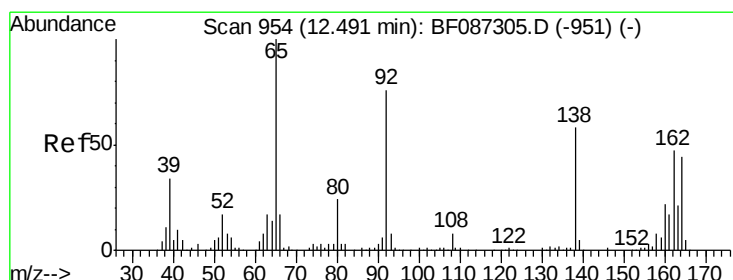
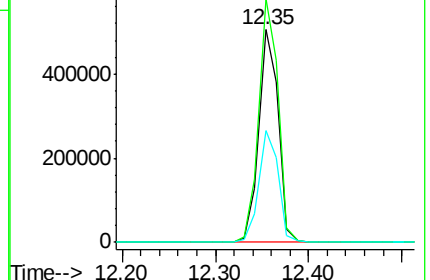
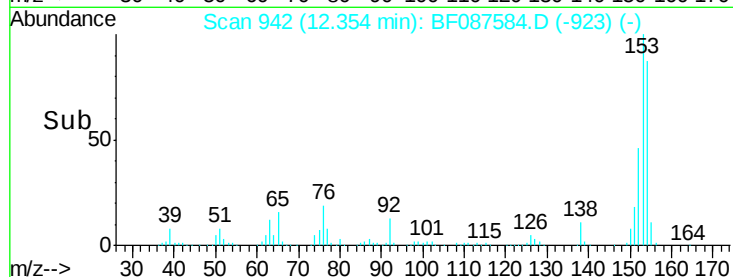
152 52.7 43.4 65.0



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: 41.64 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

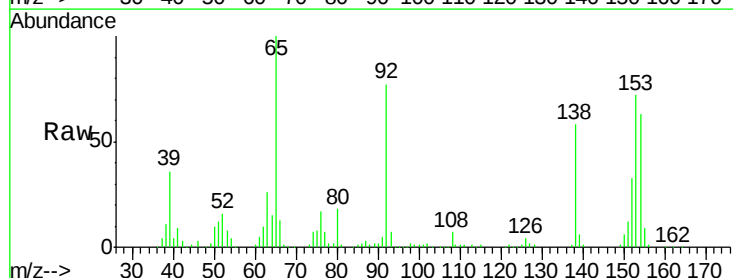
Tgt Ion:138 Resp: 214086

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.6

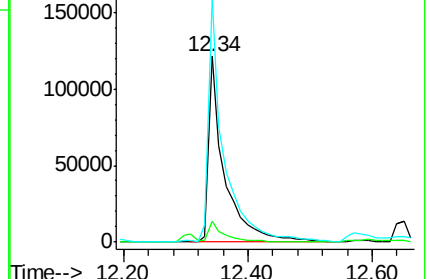
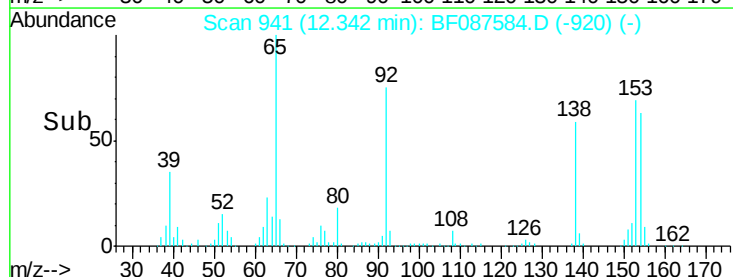
92 131.1 87.8 131.8

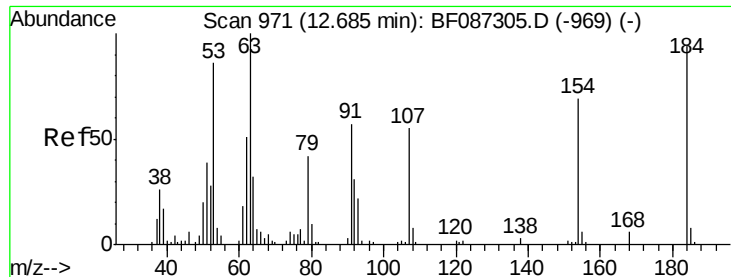


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

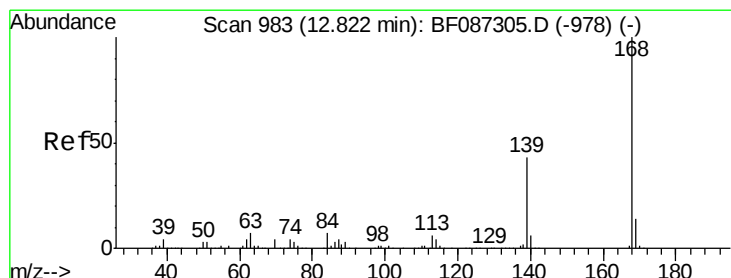
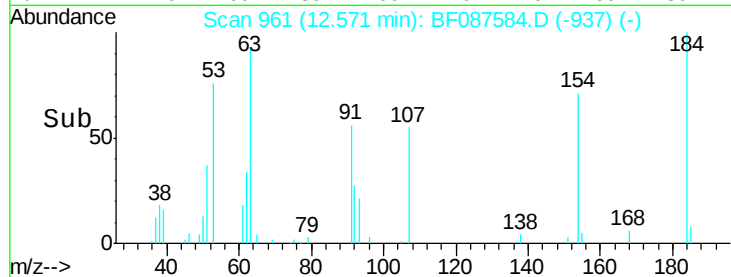
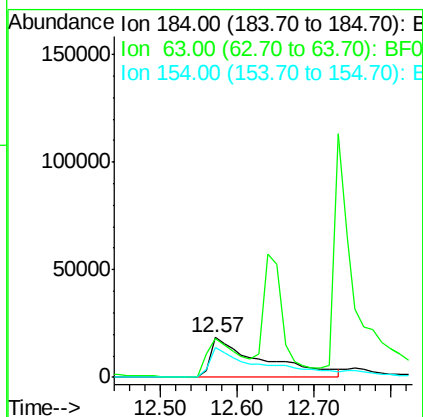
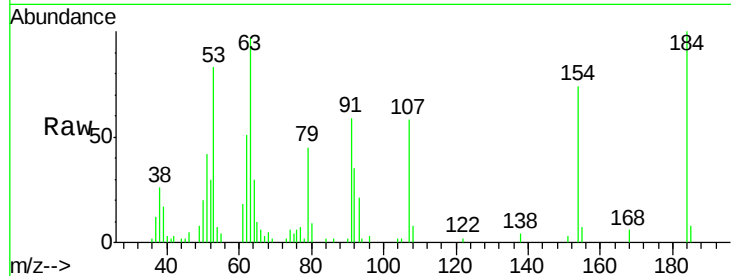




#53
2,4-Dinitrophenol
Concen: 37.93 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

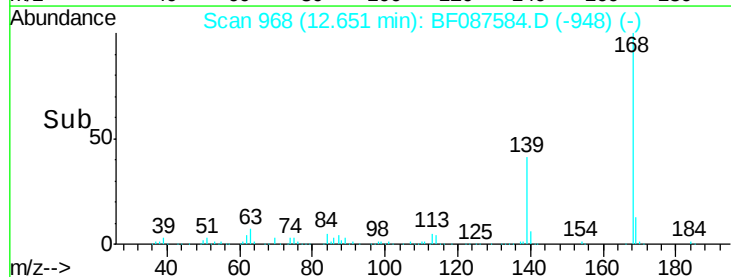
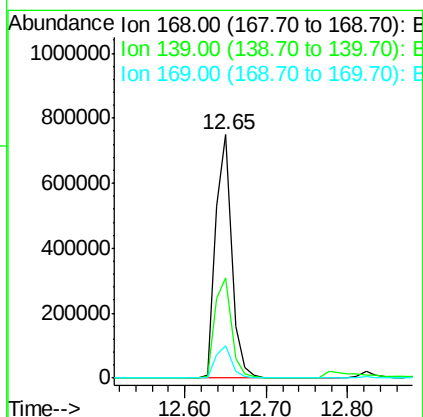
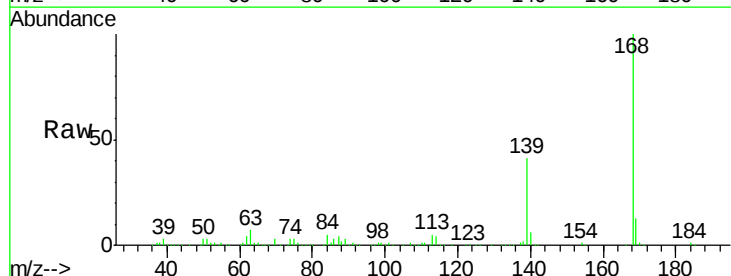
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

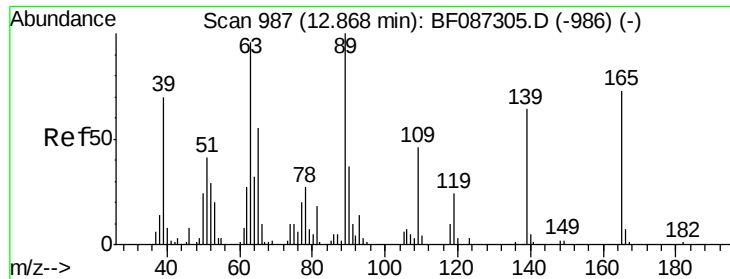
Tgt Ion:184 Resp: 87621
Ion Ratio Lower Upper
184 100
63 97.0 55.8 83.8#
154 74.1 62.4 93.6



#54
Dibenzofuran
Concen: 38.92 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.07 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:168 Resp: 1025051
Ion Ratio Lower Upper
168 100
139 41.4 31.4 47.0
169 13.3 10.7 16.1

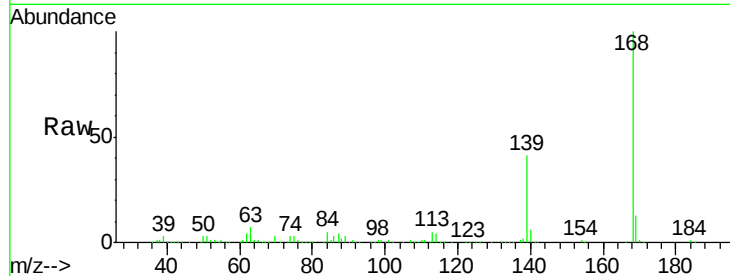




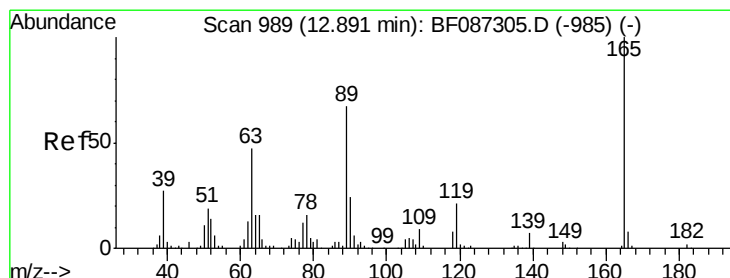
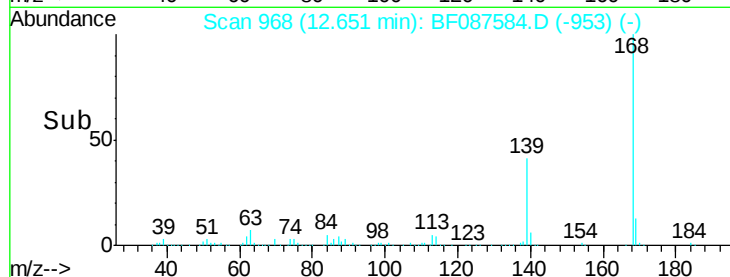
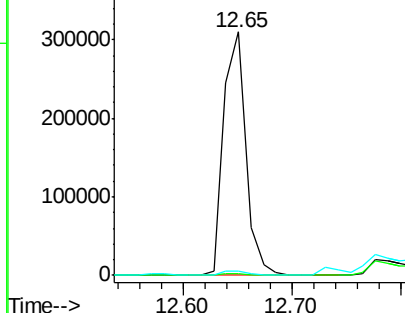
#55
4-Nitrophenol
Concen: 179.61 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.13 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 440485
Ion Ratio Lower Upper
139 100
109 0.9 36.9 76.9#
65 1.7 64.0 104.0#



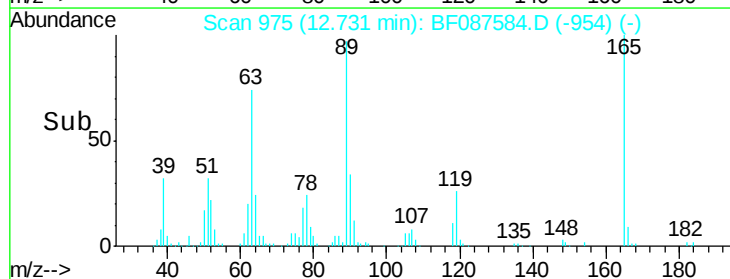
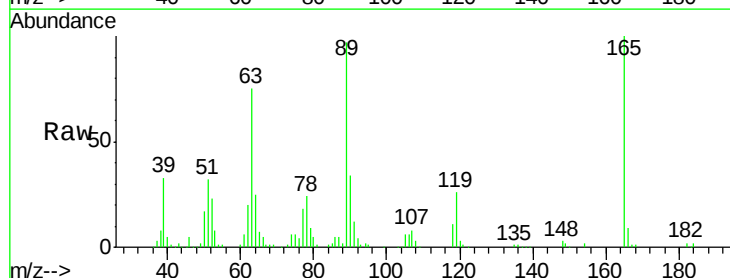
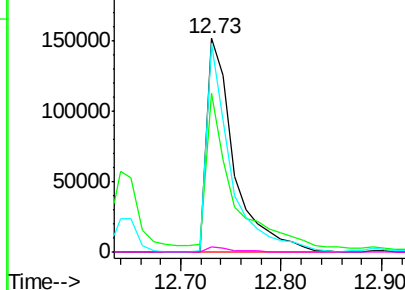
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

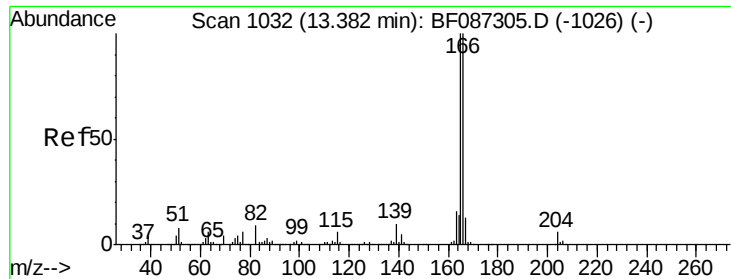


#56
2,4-Dinitrotoluene
Concen: 42.82 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.06 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:165 Resp: 286661
Ion Ratio Lower Upper
165 100
63 74.6 44.3 66.5#
89 97.5 70.0 105.0
182 2.4 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

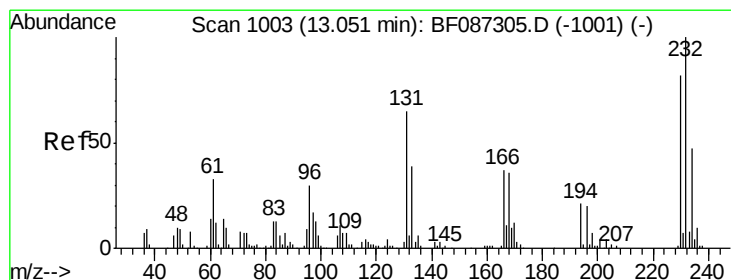
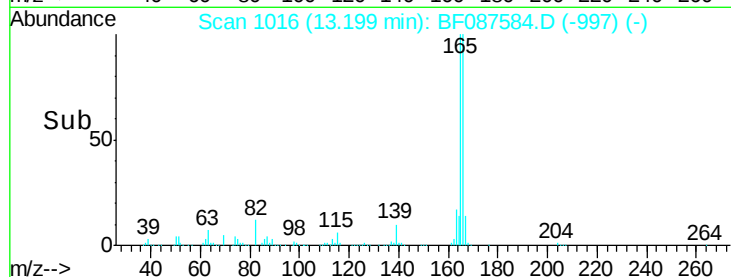
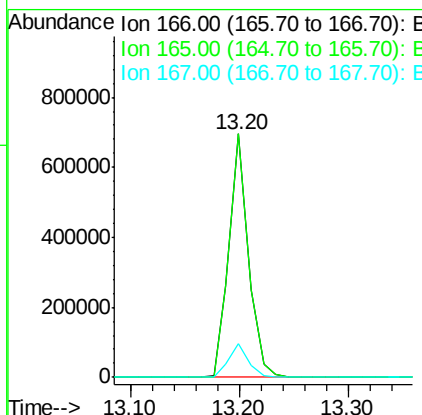
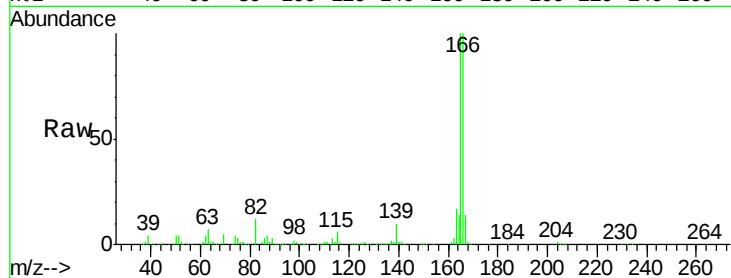




#57
Fluorene
 Concen: 37.70 ng
 RT: 13.20 min Scan# 1016
 Delta R.T. -0.08 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

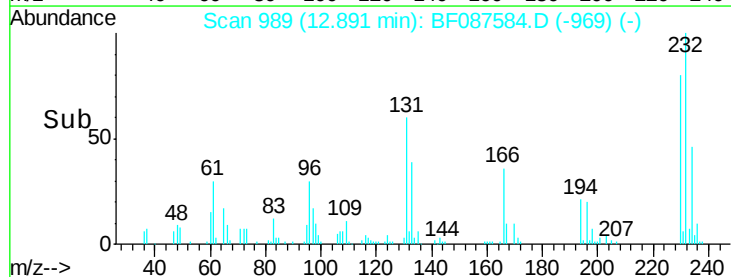
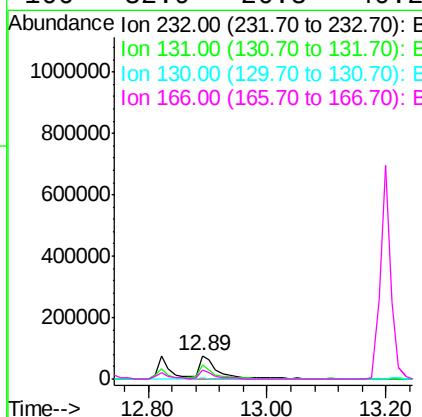
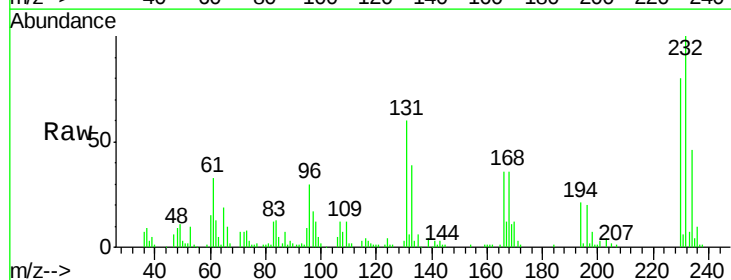
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:166 Resp: 861036
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.0 118.6
 167 13.6 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.40 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion:232 Resp: 163521
 Ion Ratio Lower Upper
 232 100
 131 53.9 41.9 62.9
 130 2.9 2.2 3.4
 166 32.9 26.8 40.2

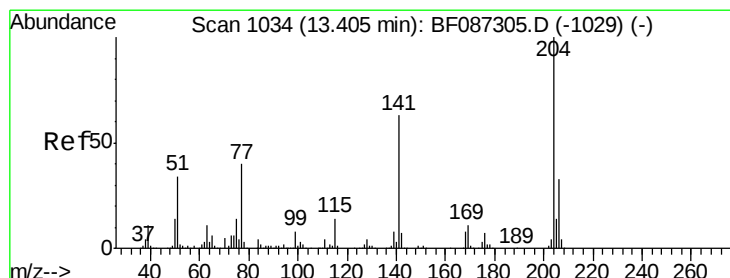
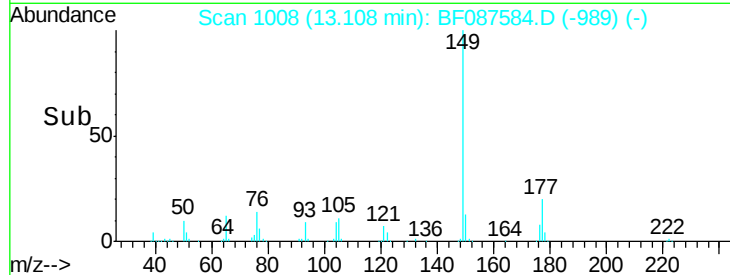
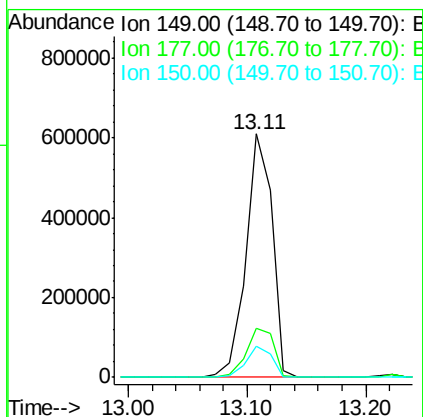
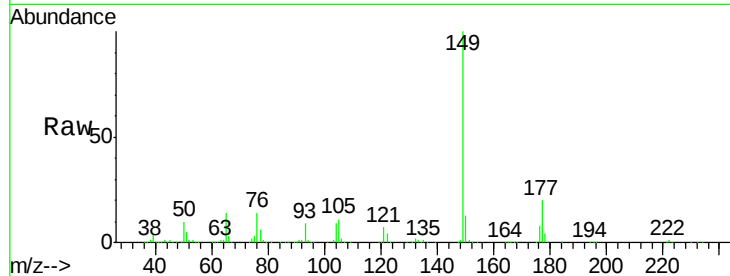




#59
Diethylphthalate
Concen: 38.91 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

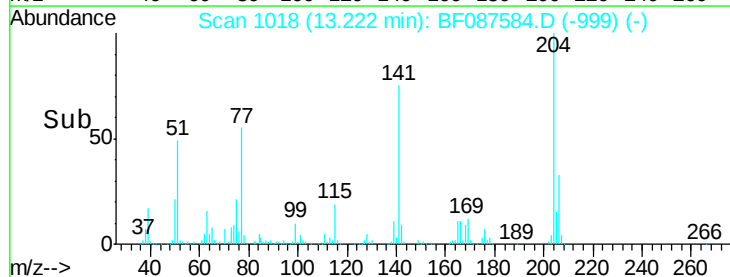
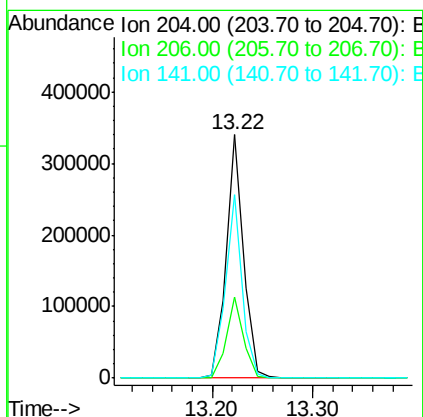
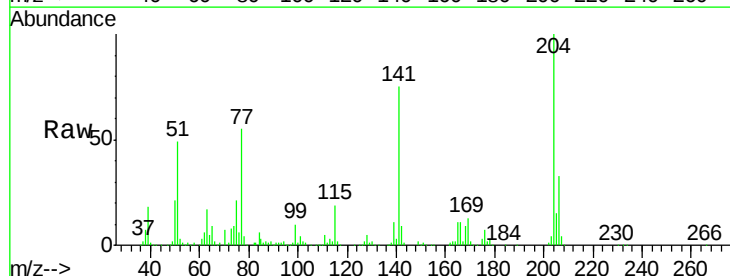
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

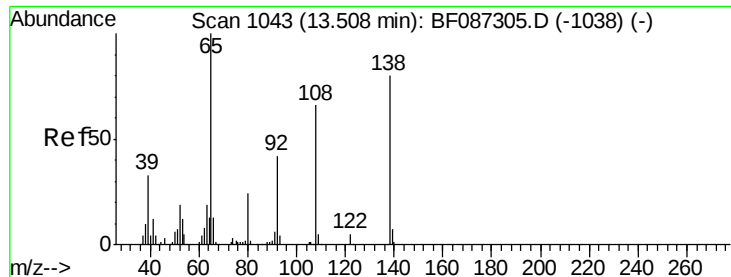
Tgt Ion:149 Resp: 940435
Ion Ratio Lower Upper
149 100
177 20.2 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 36.42 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:204 Resp: 405567
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 75.5 61.6 92.4

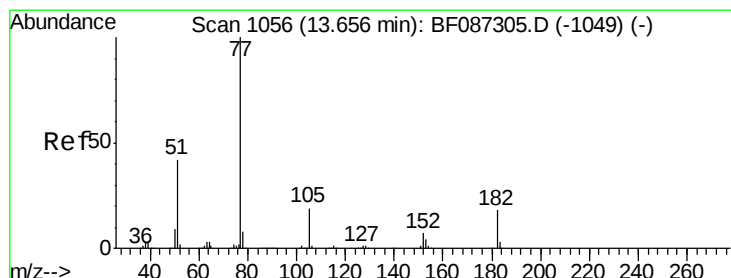
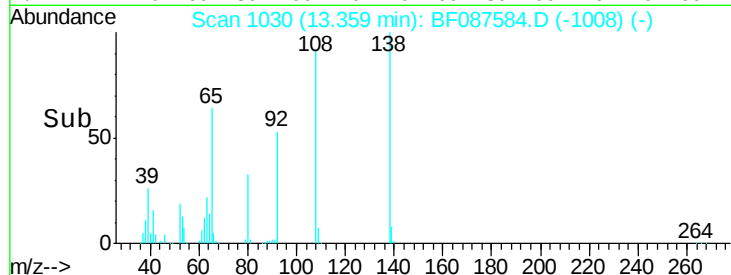
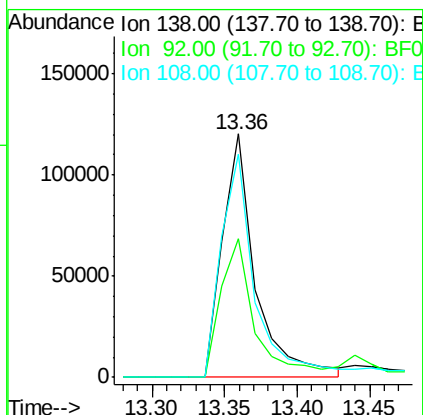
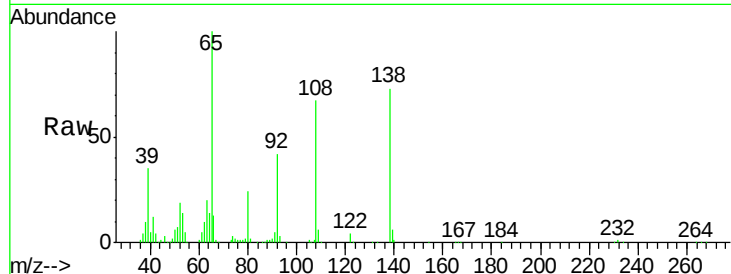




#61
4-Nitroaniline
Concen: 39.65 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

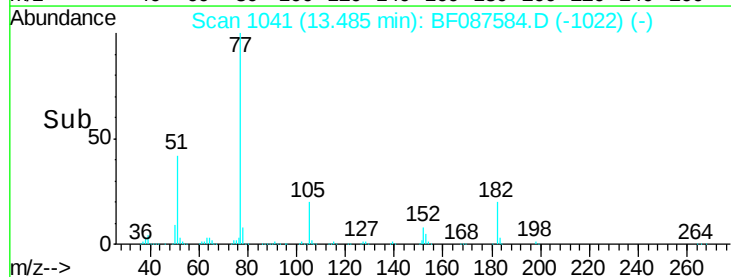
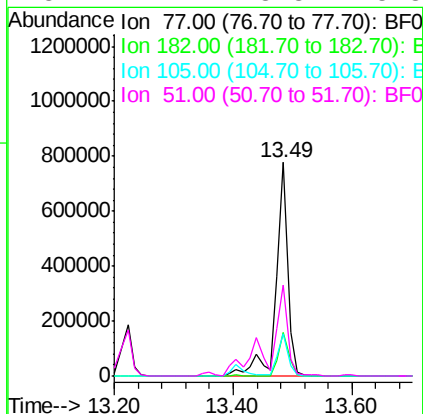
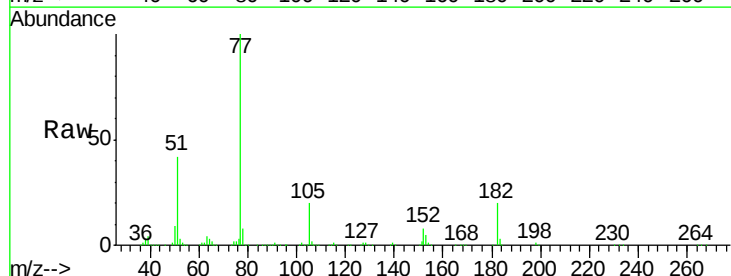
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

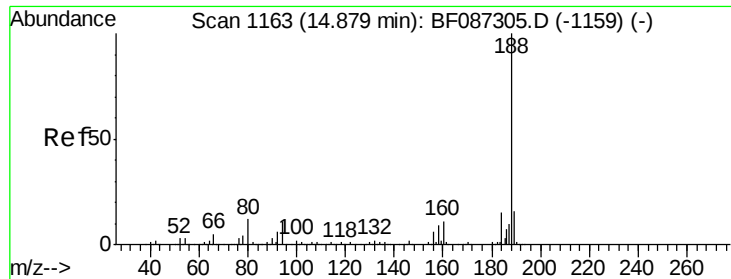
Tgt Ion:138 Resp: 190242
Ion Ratio Lower Upper
138 100
92 57.0 24.7 64.7
108 91.8 37.4 77.4#



#62
Azobenzene
Concen: 42.52 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion: 77 Resp: 1066305
Ion Ratio Lower Upper
77 100
182 20.5 0.0 38.8
105 20.1 3.2 43.2
51 42.4 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:188 Resp: 569625

Ion Ratio Lower Upper

188 100

94 10.1

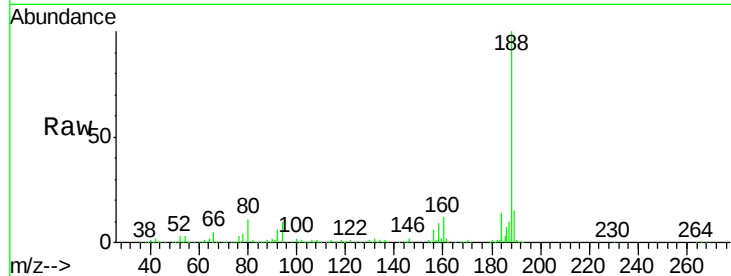
6.8

10.2

80 11.1

7.1

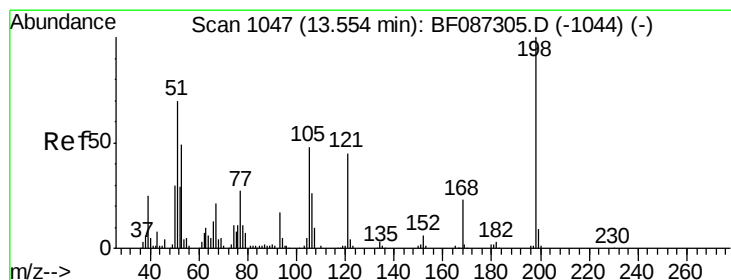
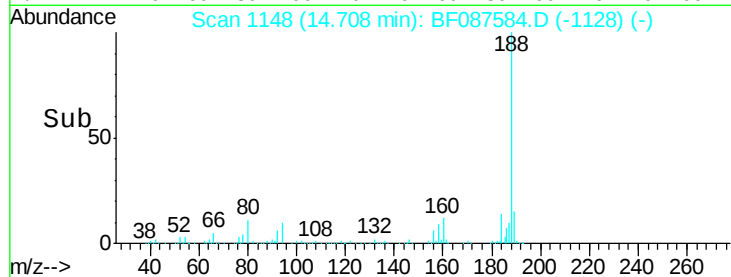
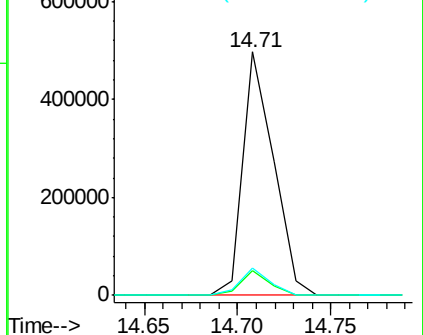
10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.28 ng

RT: 13.41 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Tgt Ion:198 Resp: 138655

Ion Ratio Lower Upper

198 100

51 71.8

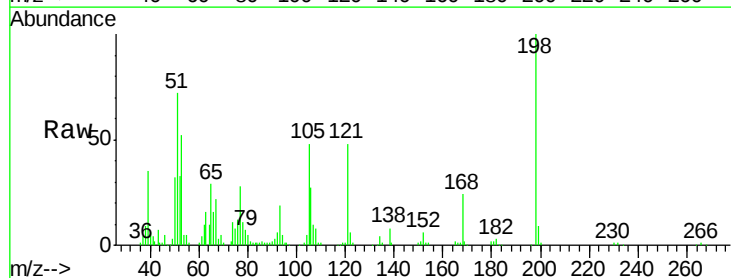
20.5

60.5#

105 48.5

24.5

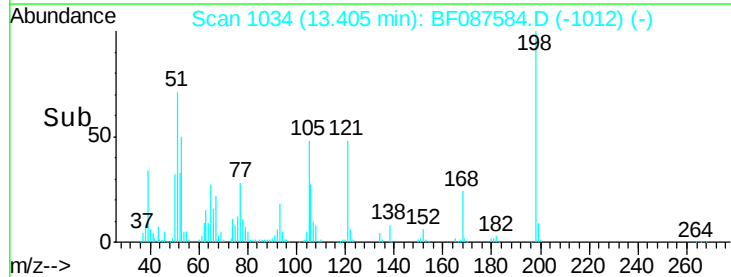
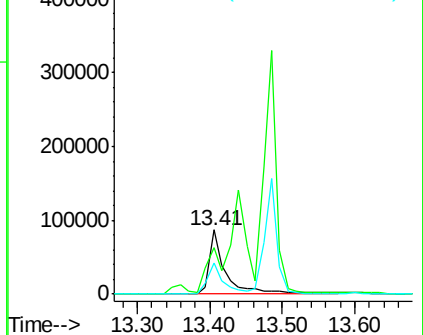
64.5

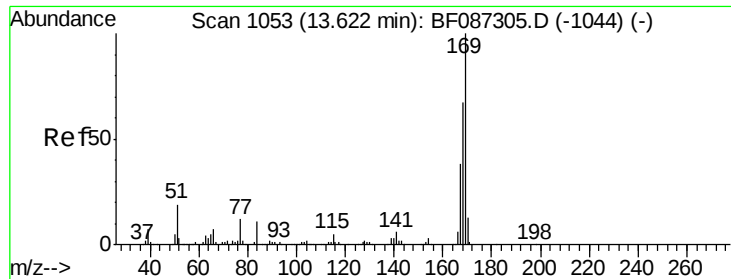


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

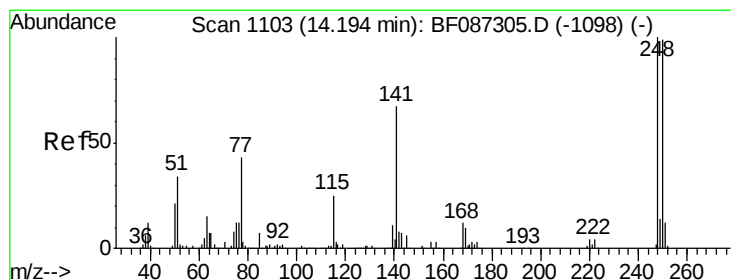
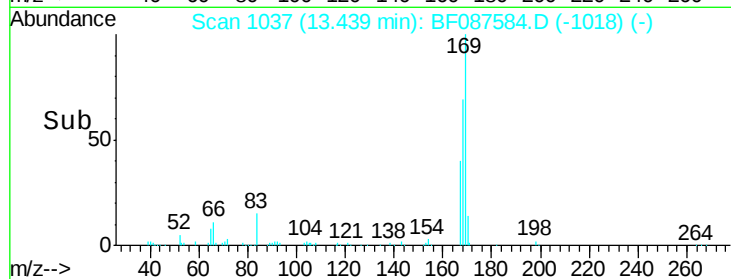
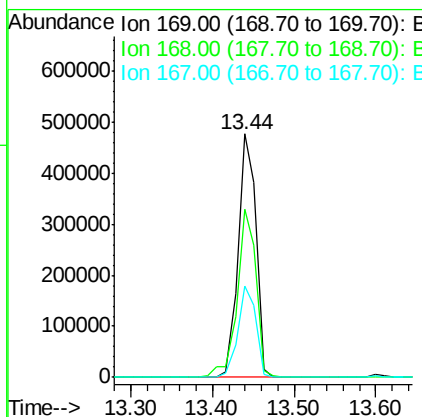
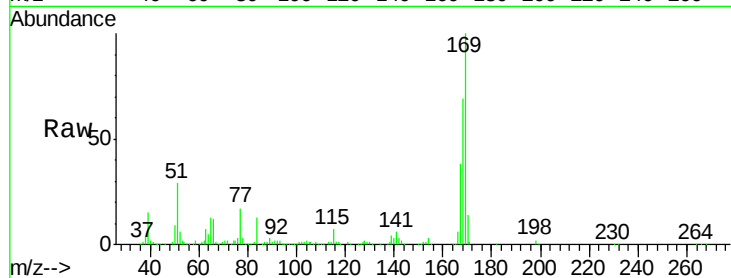




#65
n-Nitrosodiphenylamine
Concen: 39.54 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

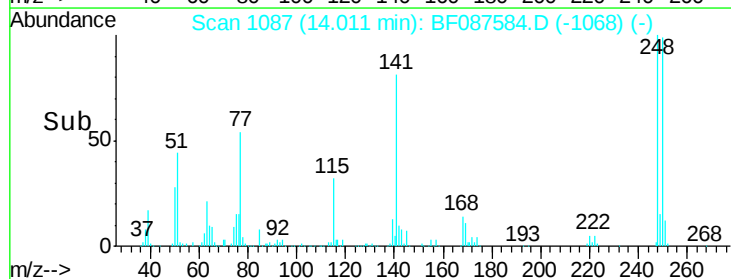
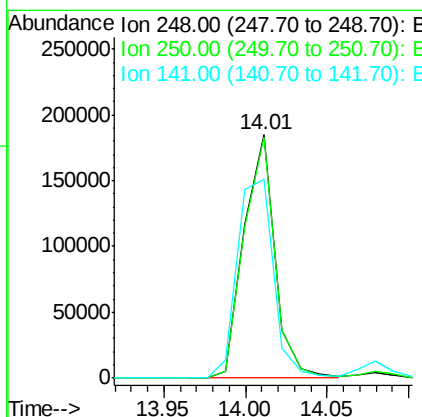
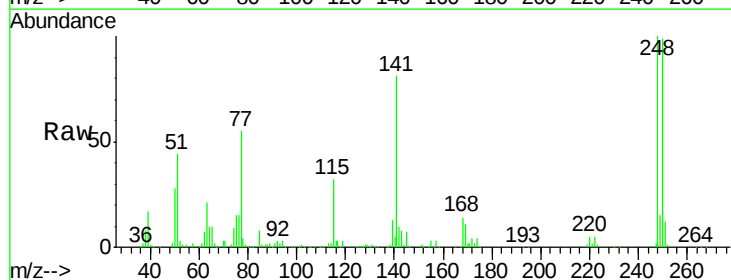
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

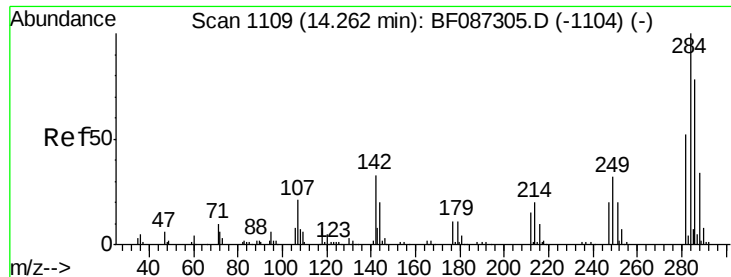
Tgt Ion:169 Resp: 728307
Ion Ratio Lower Upper
169 100
168 69.0 53.8 80.6
167 37.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.13 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion:248 Resp: 243829
Ion Ratio Lower Upper
248 100
250 98.9 78.6 117.8
141 81.5 76.0 114.0

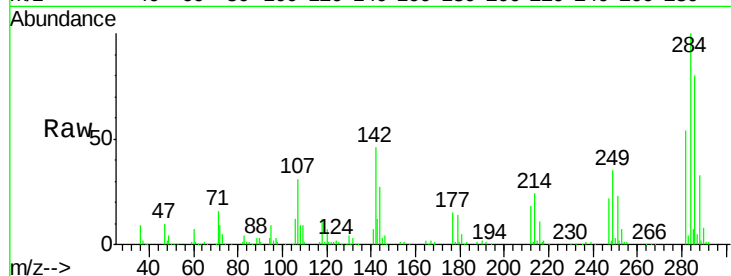




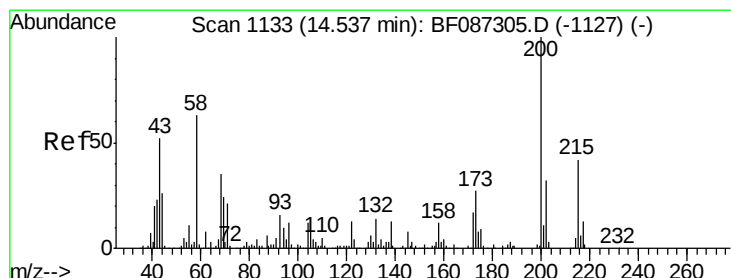
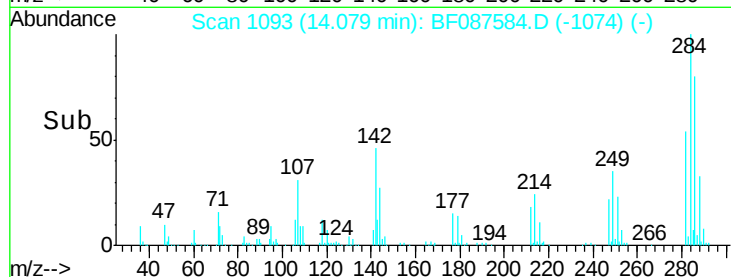
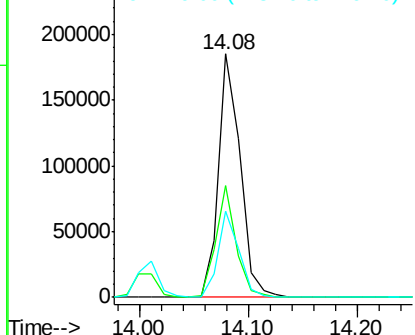
#67
Hexachlorobenzene
Concen: 39.74 ng
RT: 14.08 min Scan# 1093
Delta R.T. -0.08 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 259040
Ion Ratio Lower Upper
284 100
142 45.7 16.7 25.1#
249 35.3 21.3 31.9#

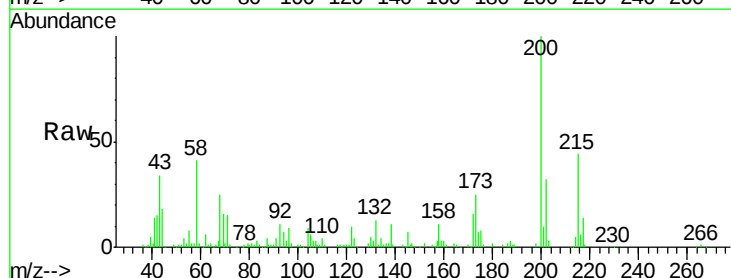


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

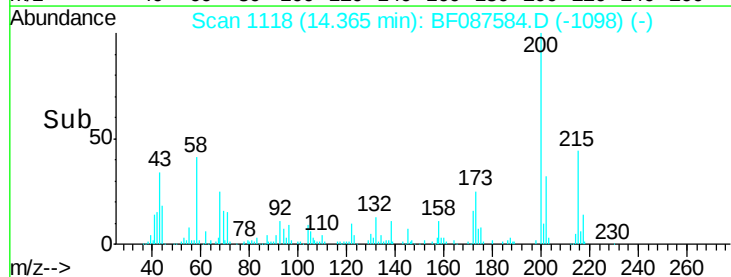
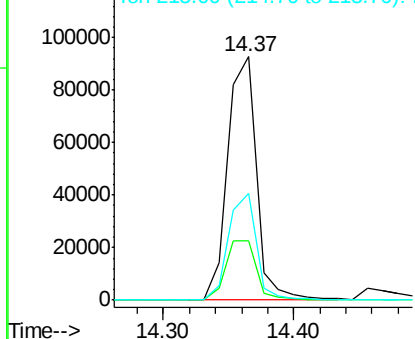


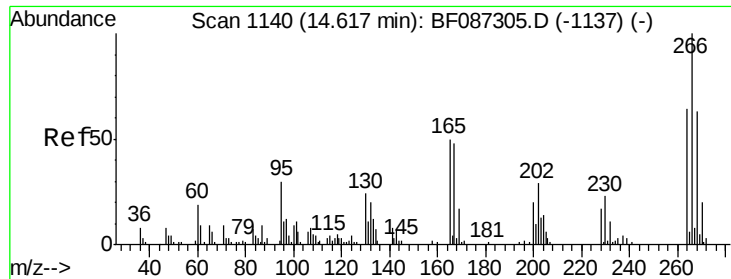
#68
Atrazine
Concen: 24.27 ng
RT: 14.37 min Scan# 1118
Delta R.T. -0.07 min
Lab File: BF087584.D
Acq: 31 May 2016 16:43

Tgt Ion: 200 Resp: 142488
Ion Ratio Lower Upper
200 100
173 24.6 8.5 48.5
215 43.9 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

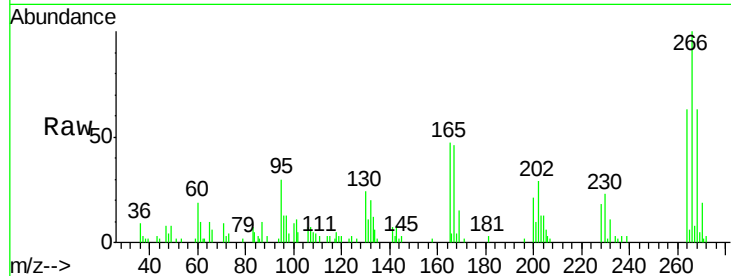




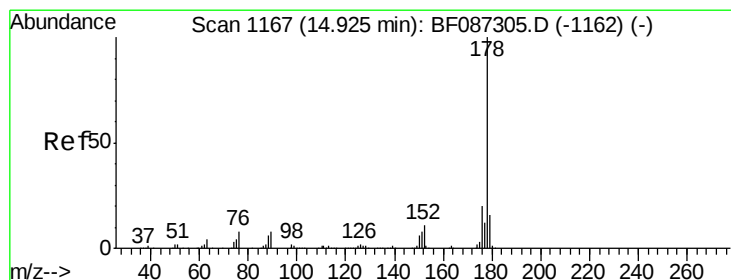
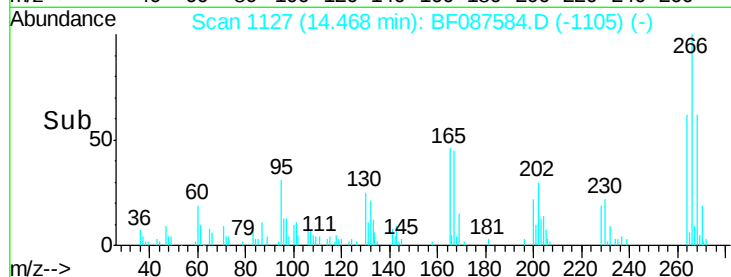
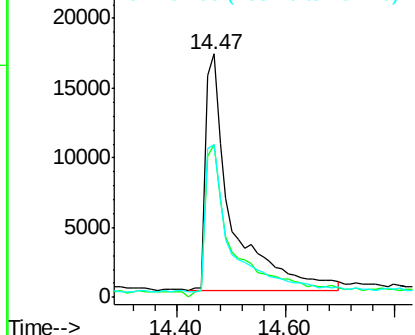
#69
 Pentachlorophenol
 Concen: 31.57 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. -0.05 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 55740
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 62.8 52.9 79.3

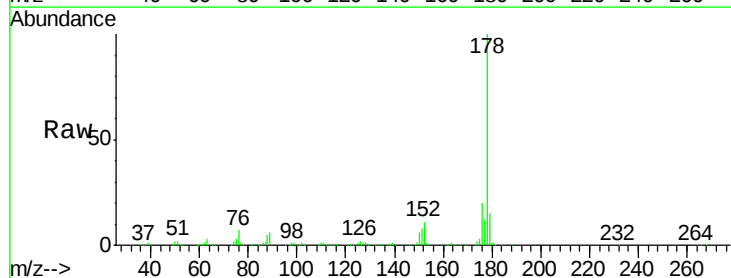


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

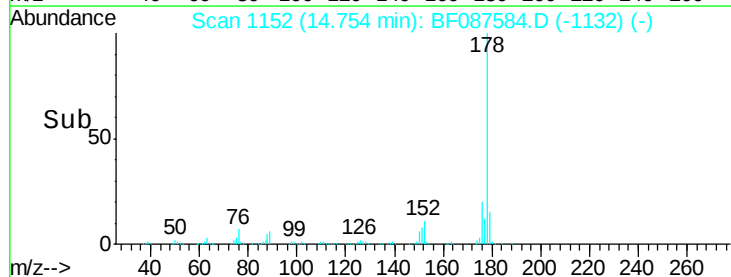
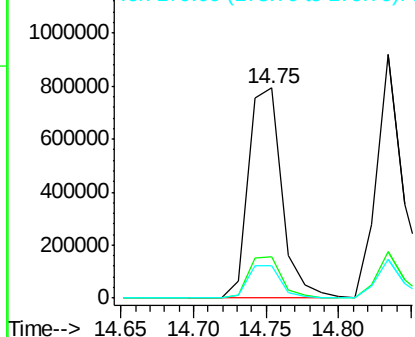


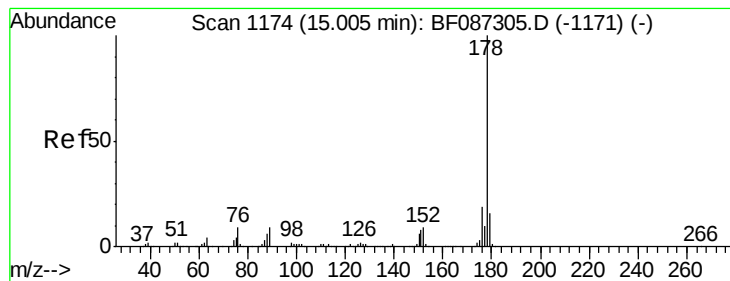
#70
 Phenanthrene
 Concen: 40.22 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion:178 Resp: 1269040
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.1 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: 41.21 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

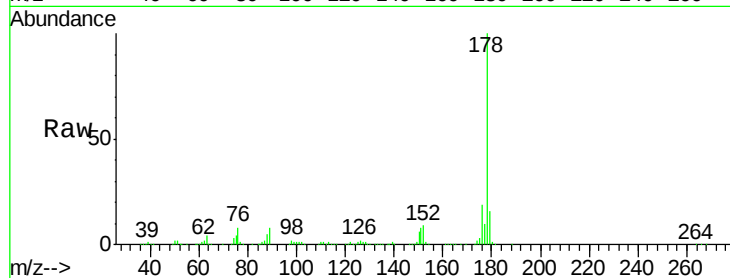
Tgt Ion:178 Resp: 1313520

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

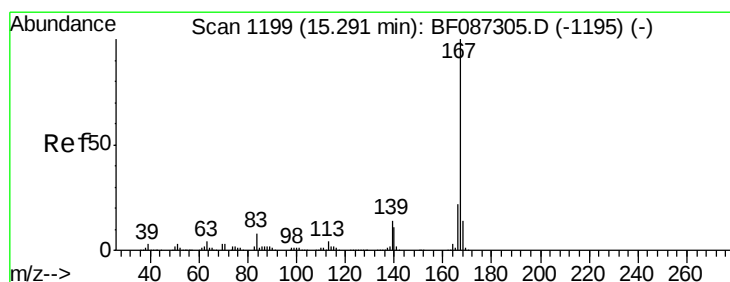
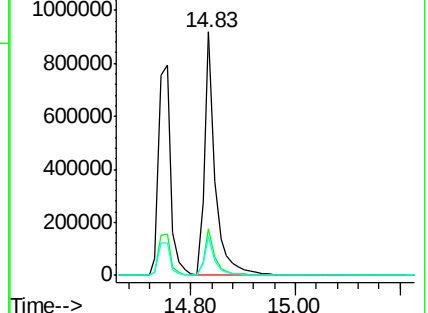
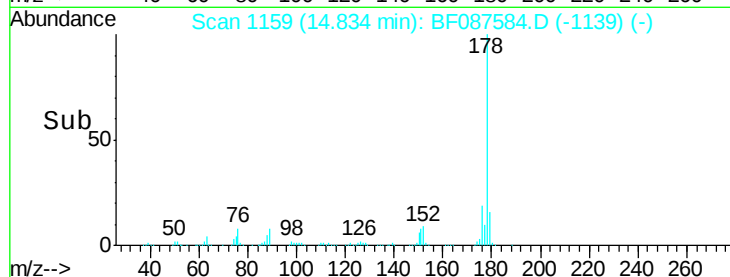
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.43 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

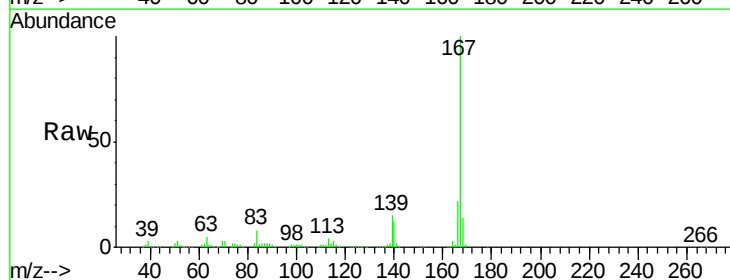
Tgt Ion:167 Resp: 1126229

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

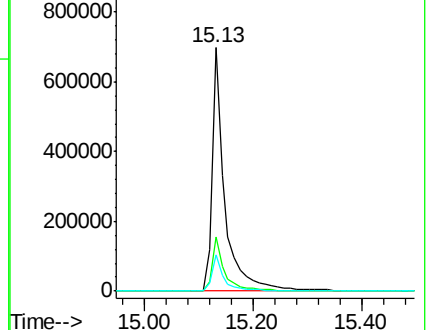
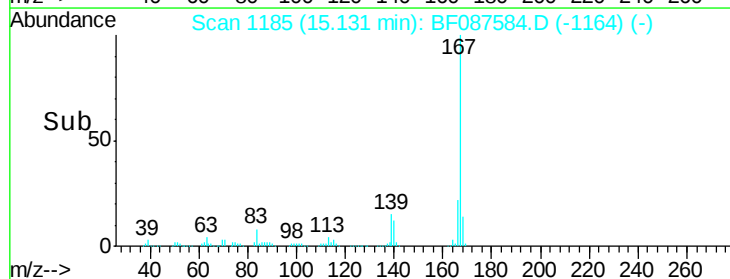
139 14.9 10.8 16.2

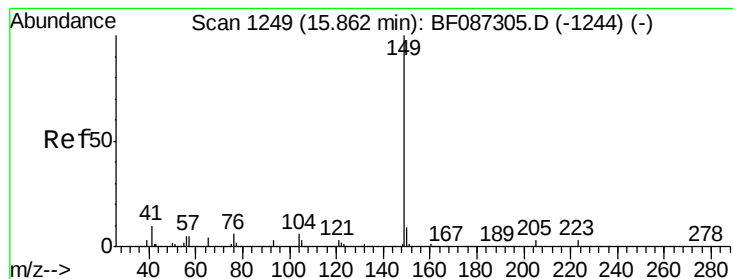


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.27 ng

RT: 15.70 min Scan# 1235

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

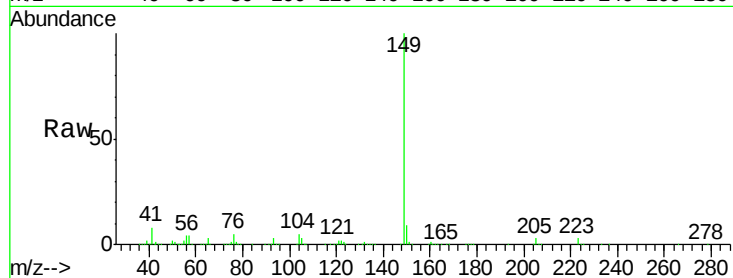
Tgt Ion:149 Resp: 1415684

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

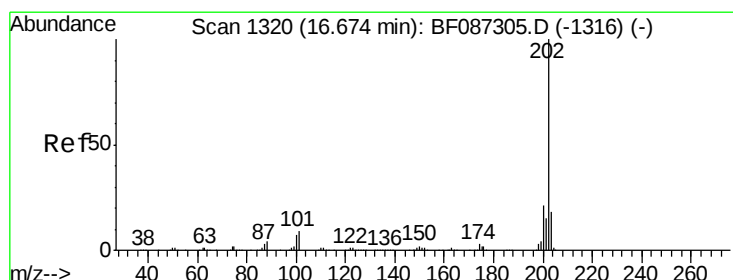
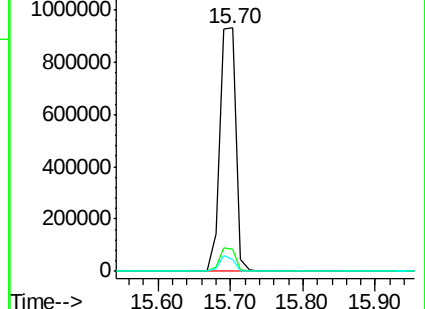
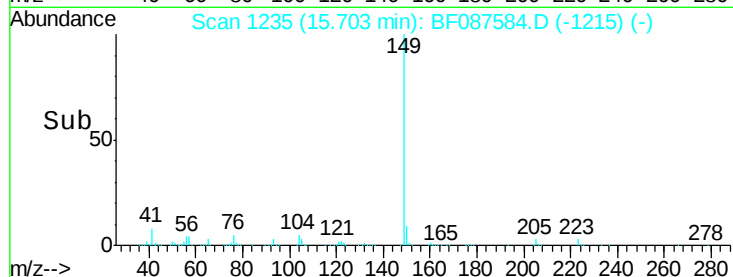
104 5.2 3.8 5.6



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: 42.09 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

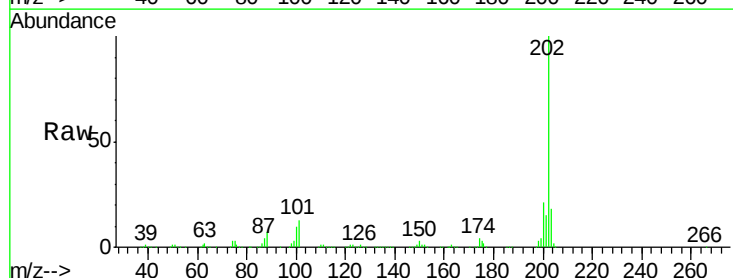
Tgt Ion:202 Resp: 1331616

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.4

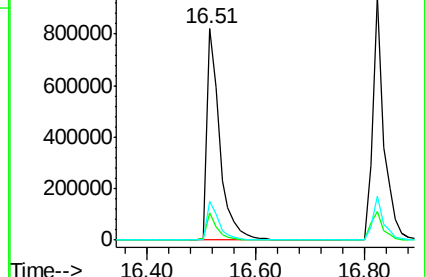
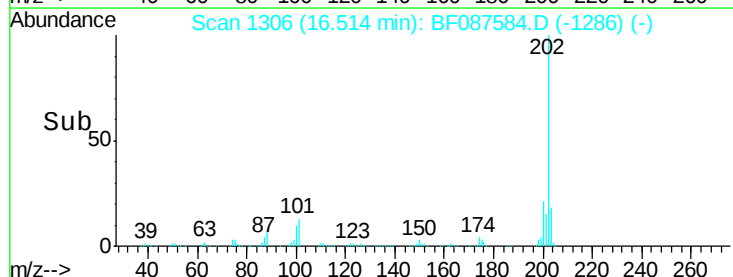
203 18.2 0.0 38.1

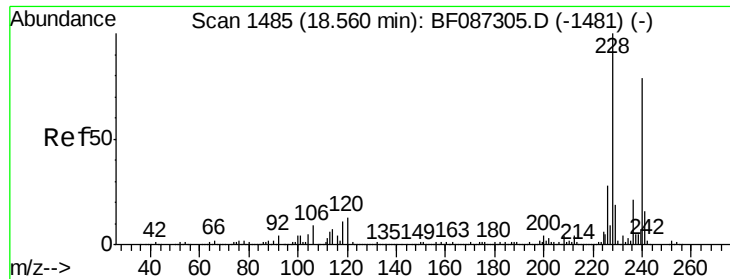


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.42 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

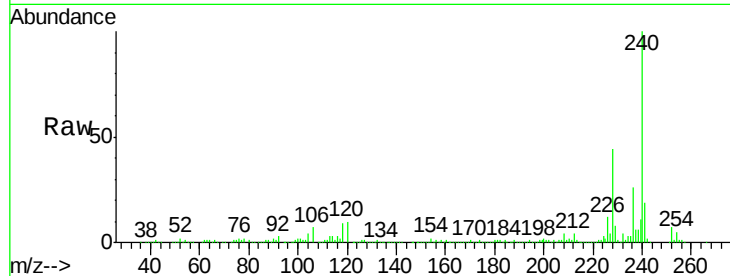
Tgt Ion:240 Resp: 465895

Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

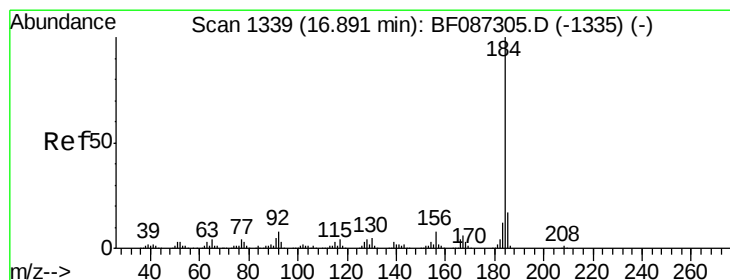
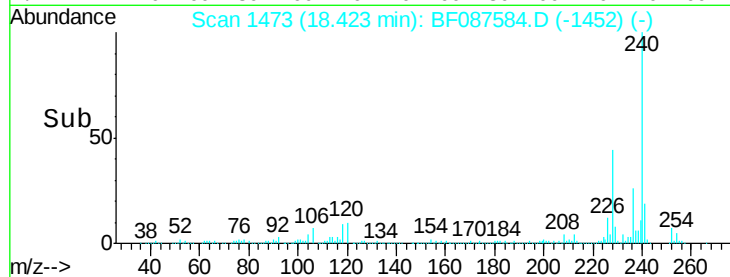
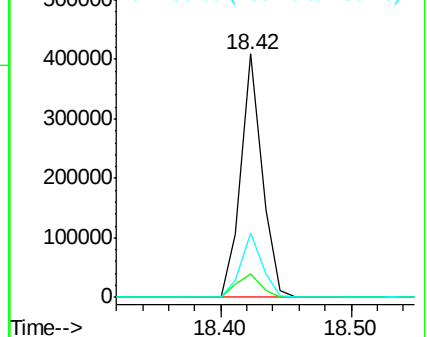
236 26.3 21.2 31.8



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: 43.05 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

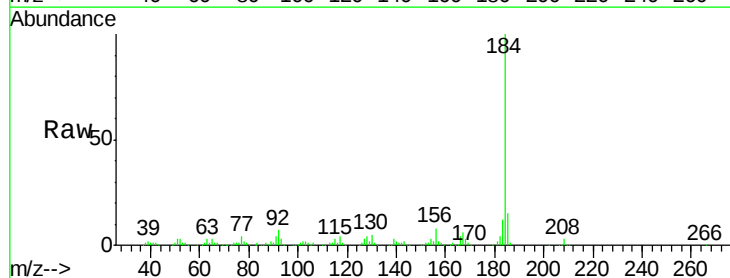
Tgt Ion:184 Resp: 516130

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

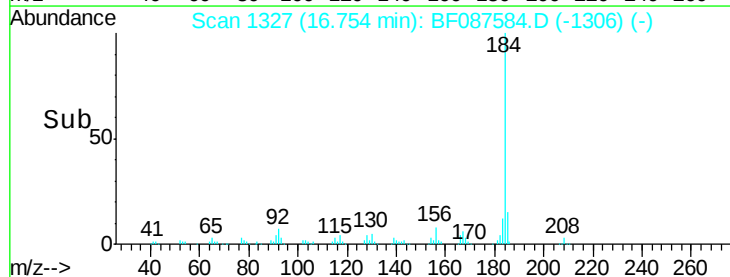
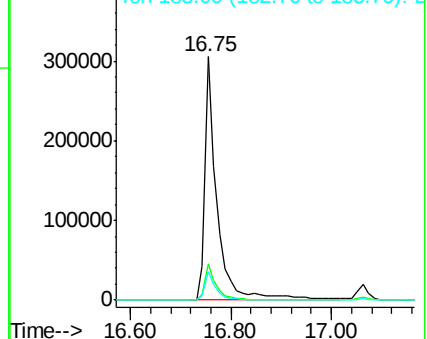
183 11.9 9.8 14.6

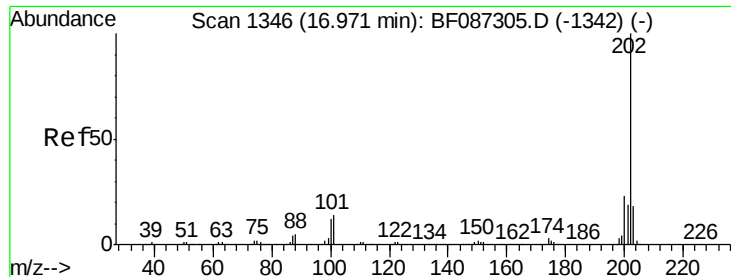


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.38 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.06 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

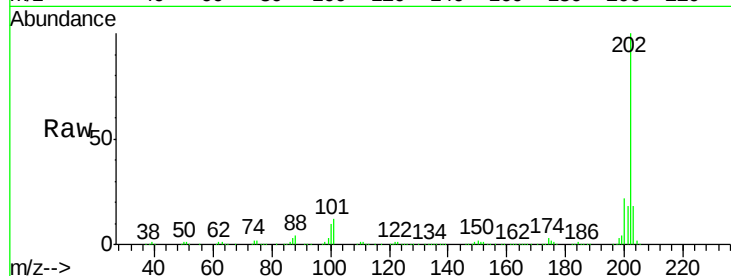
Tgt Ion:202 Resp: 1320610

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

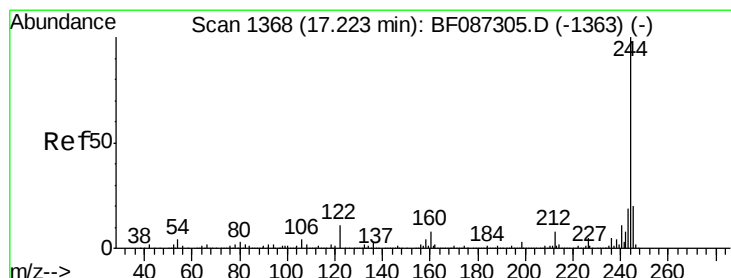
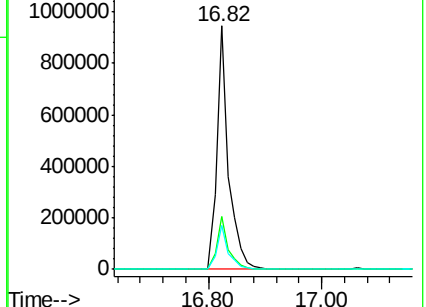
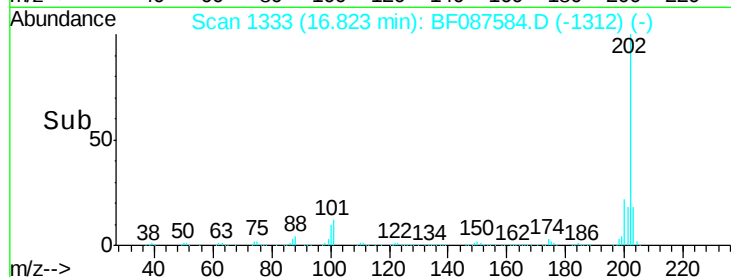
203 17.8 14.2 21.4



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: 73.84 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

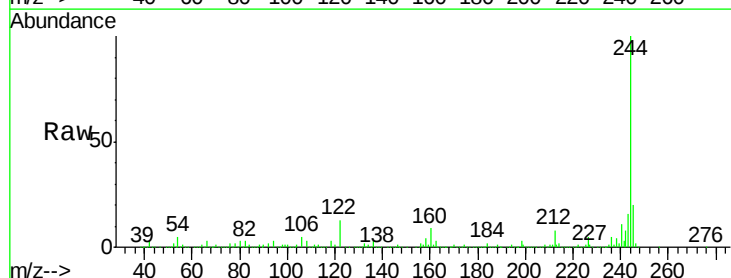
Tgt Ion:244 Resp: 1618161

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

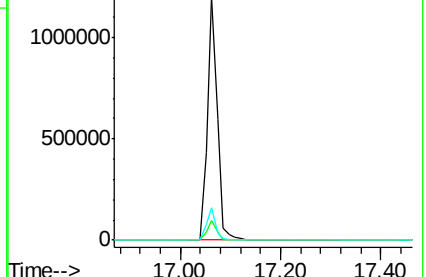
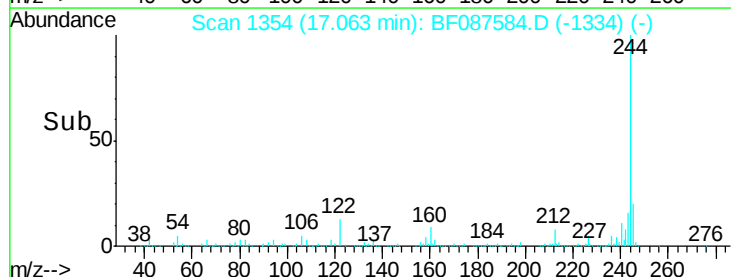
122 13.2 12.0 18.0

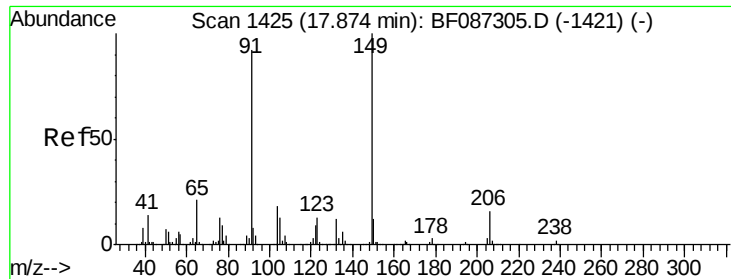


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.20 ng

RT: 17.73 min Scan# 1412

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

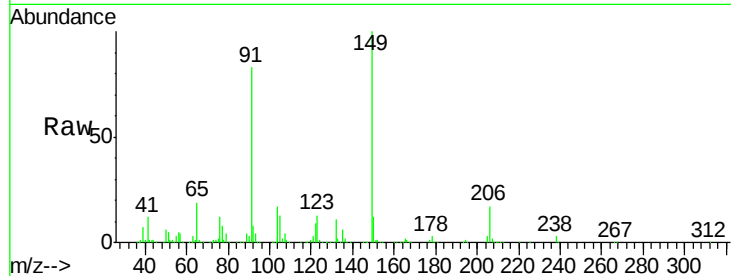
Tgt Ion:149 Resp: 582964

Ion Ratio Lower Upper

149 100

91 83.2 48.0 72.0#

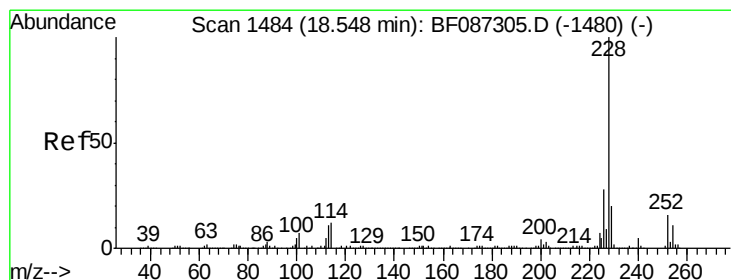
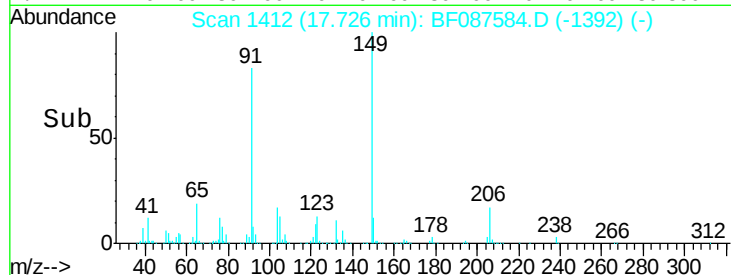
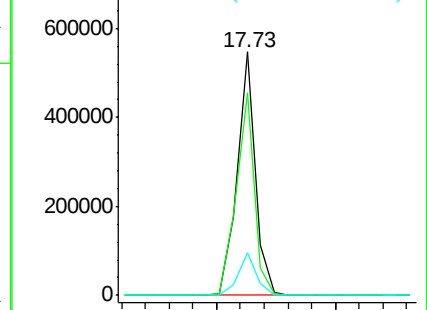
206 17.3 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.88 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.05 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

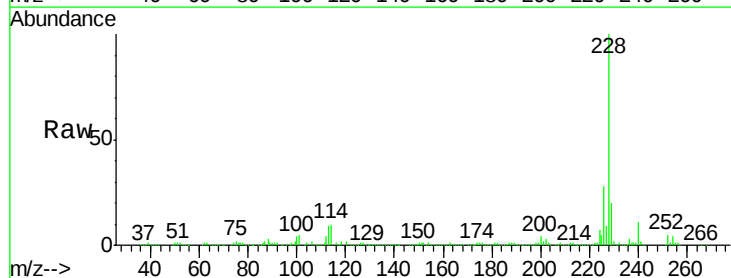
Tgt Ion:228 Resp: 1030475

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

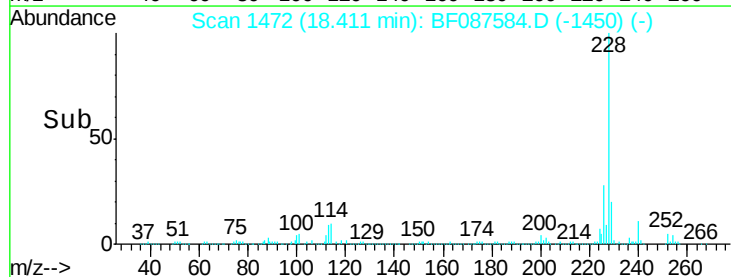
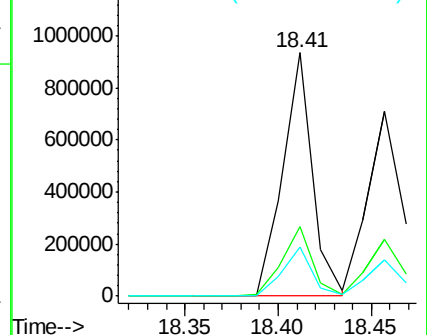
229 19.9 16.6 25.0

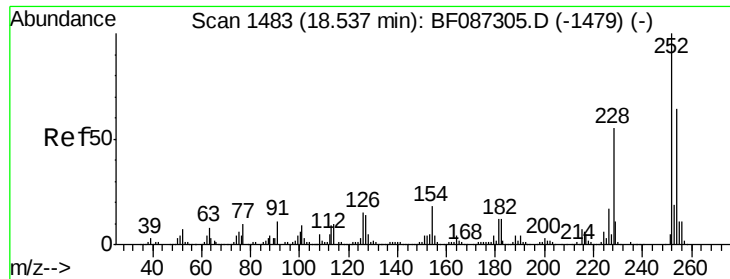


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

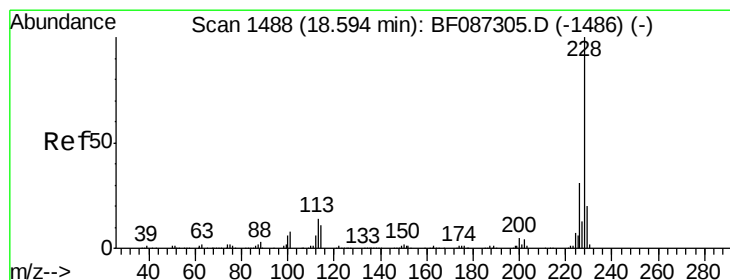
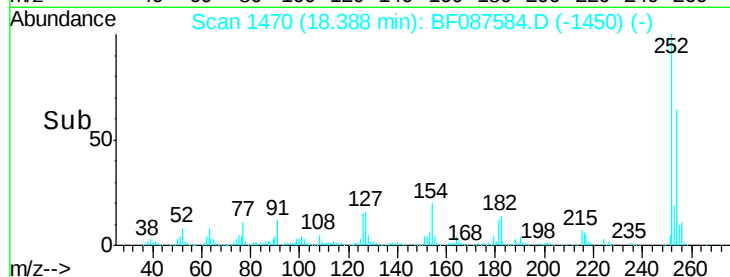
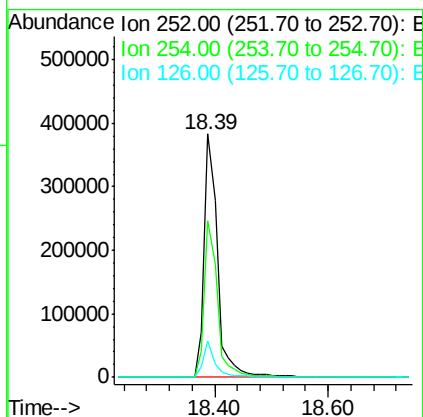
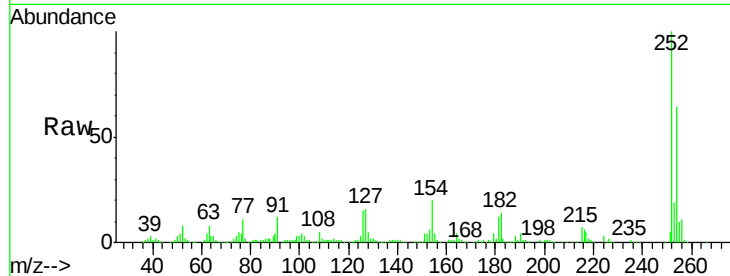




#81
 3,3'-Dichlorobenzidine
 Concen: 40.93 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.07 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

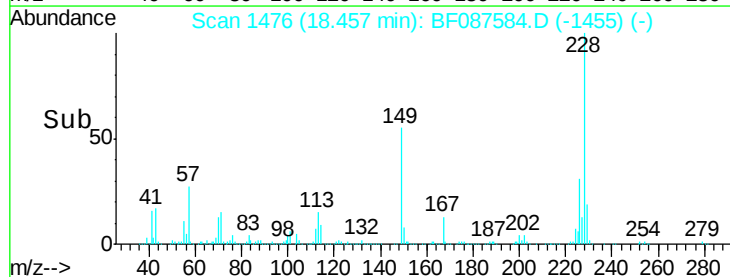
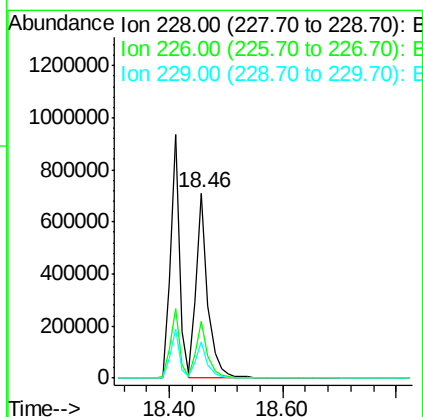
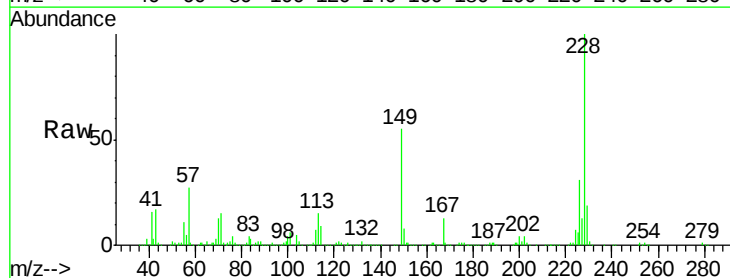
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

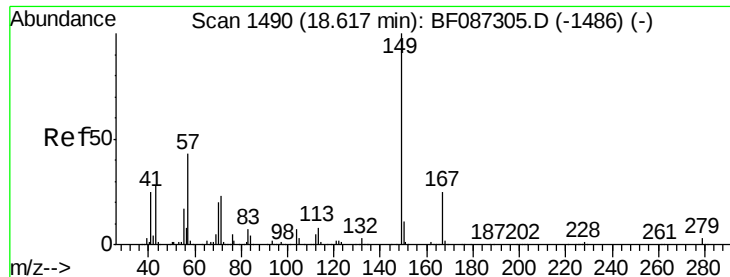
Tgt Ion:252 Resp: 599200
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 14.8 12.7 19.1



#82
 Chrysene
 Concen: 38.03 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.06 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion:228 Resp: 1000102
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.5 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.21 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.07 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

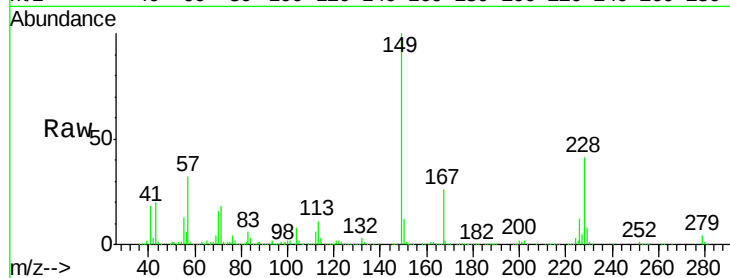
Tgt Ion:149 Resp: 785758

Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.6

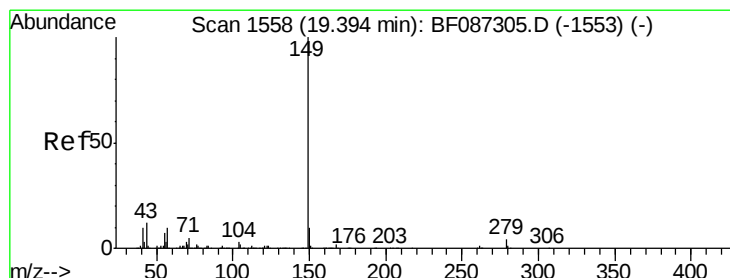
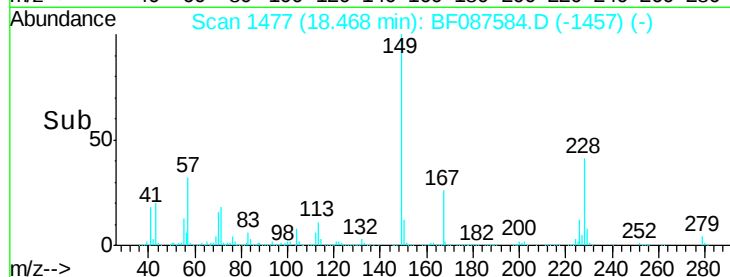
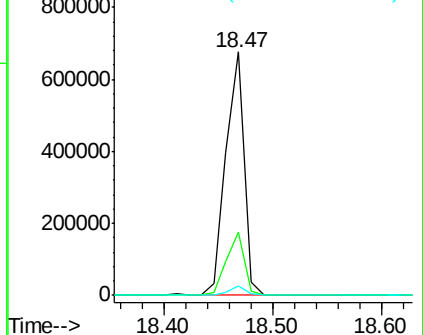
279 3.7 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.88 ng

RT: 19.23 min Scan# 1544

Delta R.T. -0.08 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

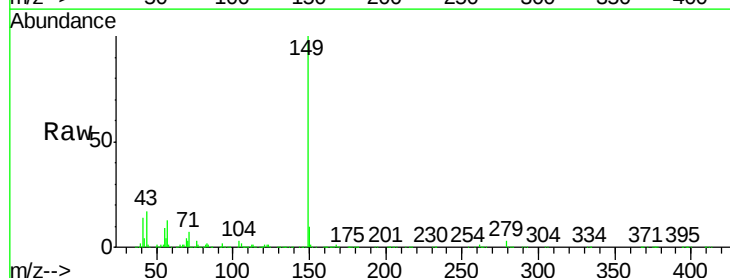
Tgt Ion:149 Resp: 1220676

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

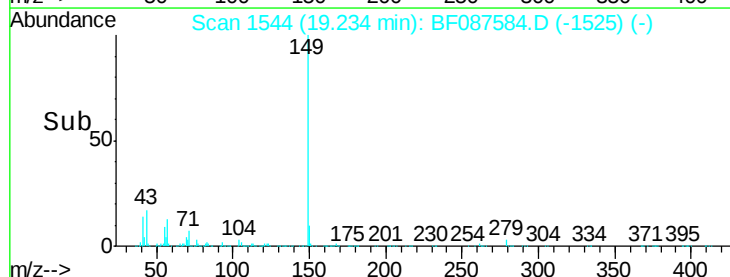
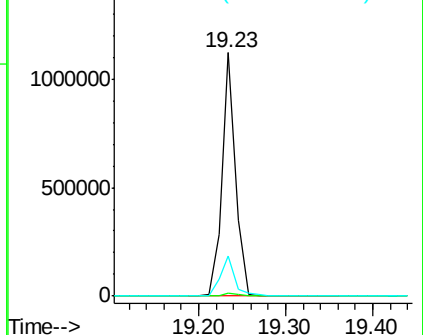
43 17.7 8.2 12.4#

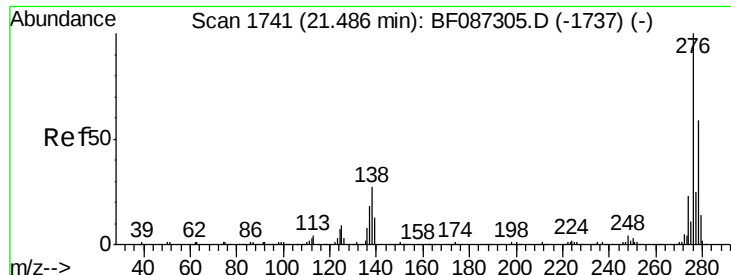


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

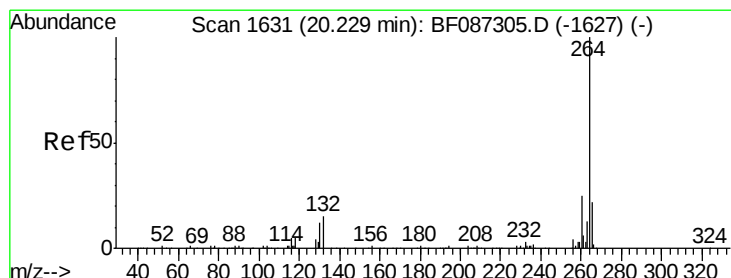
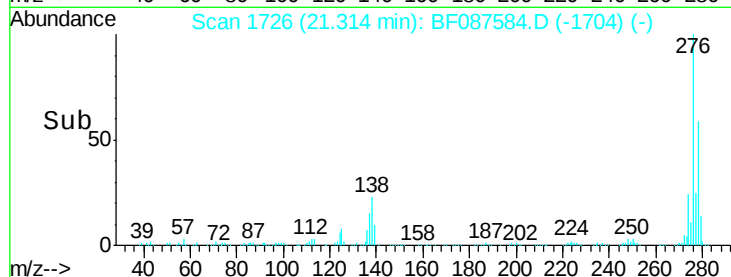
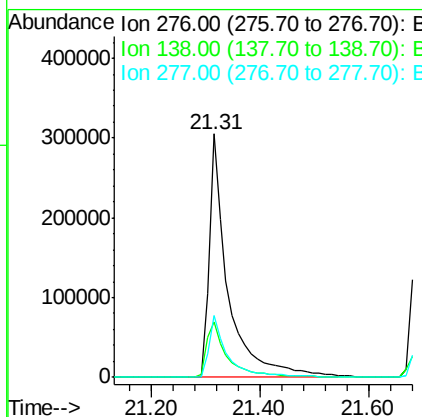
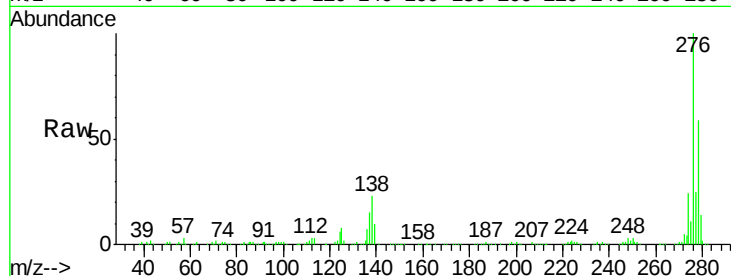




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.91 ng
 RT: 21.31 min Scan# 1726
 Delta R.T. -0.05 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

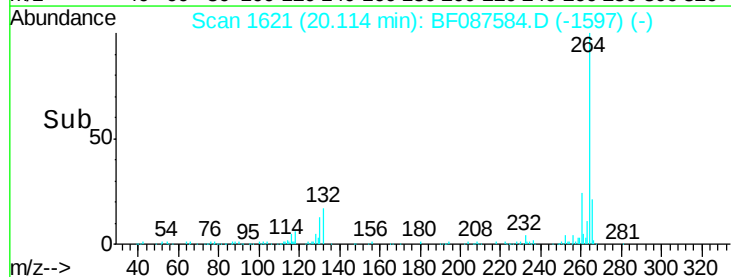
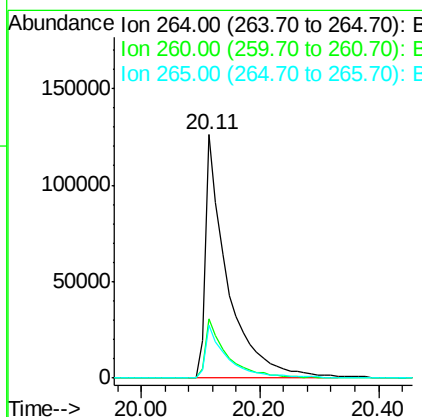
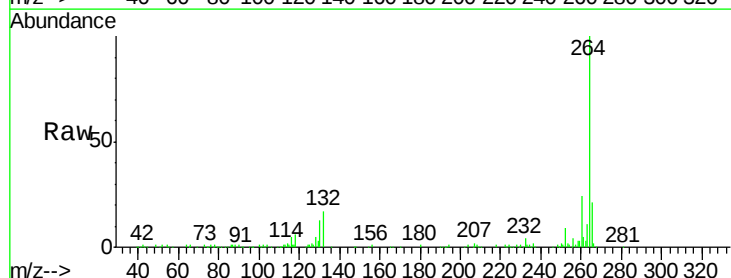
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

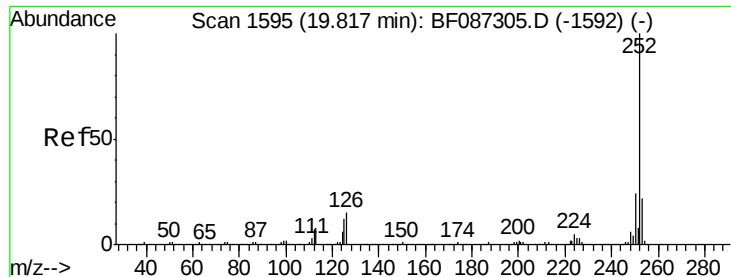
Tgt Ion: 276 Resp: 735944
 Ion Ratio Lower Upper
 276 100
 138 25.5 25.6 38.4#
 277 25.5 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF087584.D
 Acq: 31 May 2016 16:43

Tgt Ion: 264 Resp: 326385
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 78.48 ng

RT: 19.69 min Scan# 1584

Delta R.T. -0.03 min

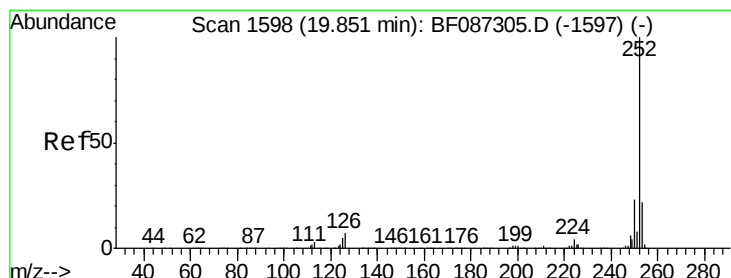
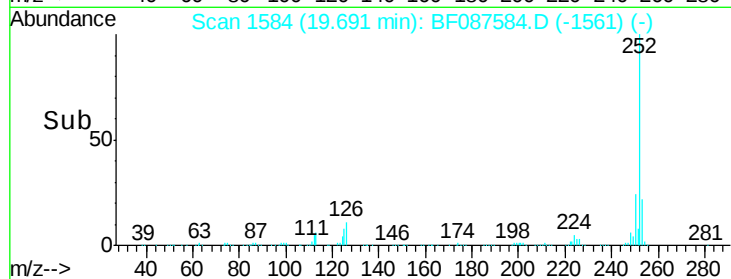
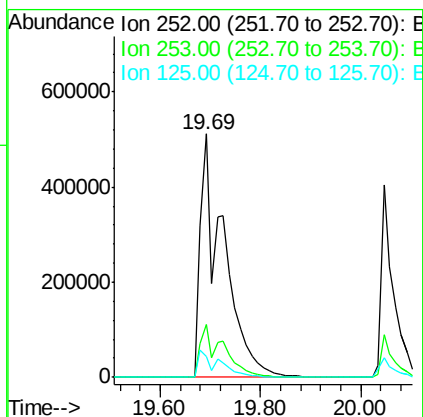
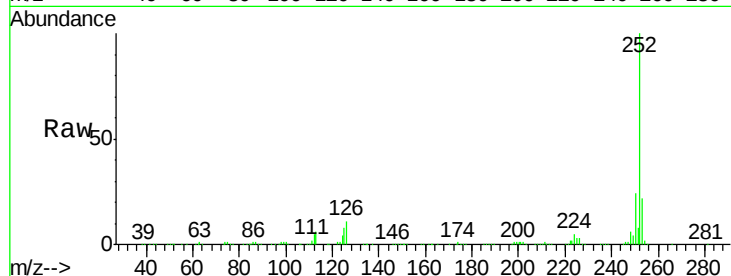
Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1631661

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.4	11.4	17.0#



#88

Benzo(k)fluoranthene

Concen: 91.27 ng

RT: 19.69 min Scan# 1584

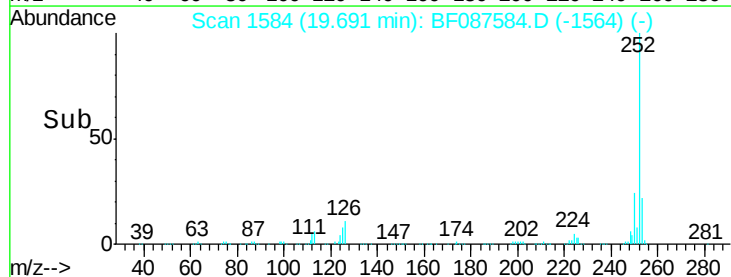
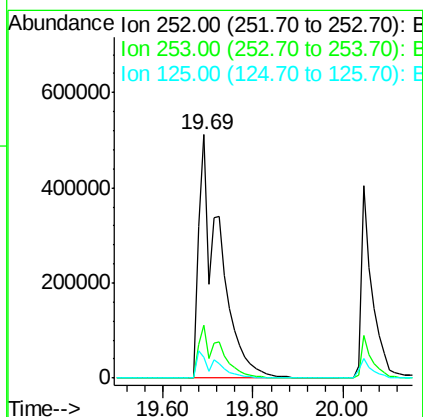
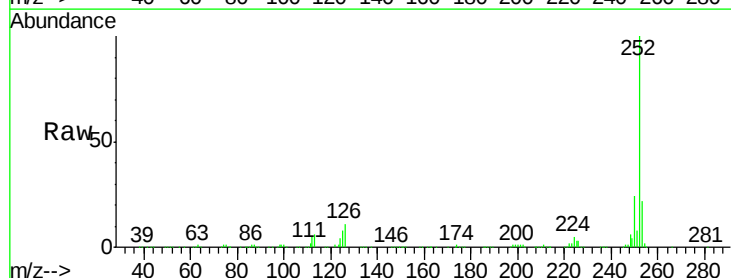
Delta R.T. -0.07 min

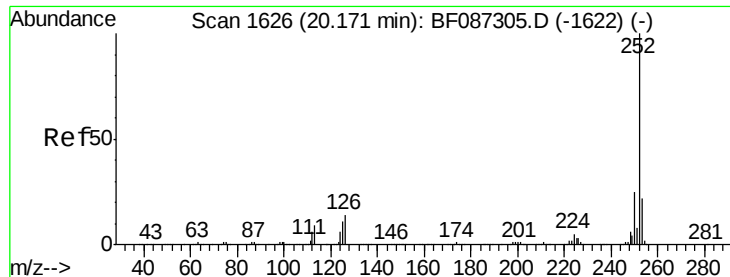
Lab File: BF087584.D

Acq: 31 May 2016 16:43

Tgt Ion:252 Resp: 1633313

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.4	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 39.18 ng

RT: 20.05 min Scan# 1615

Delta R.T. -0.03 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

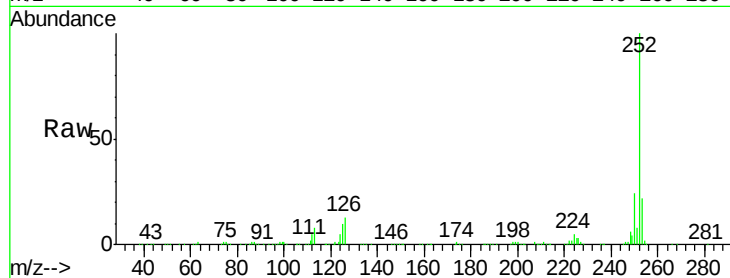
Tgt Ion:252 Resp: 704469

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

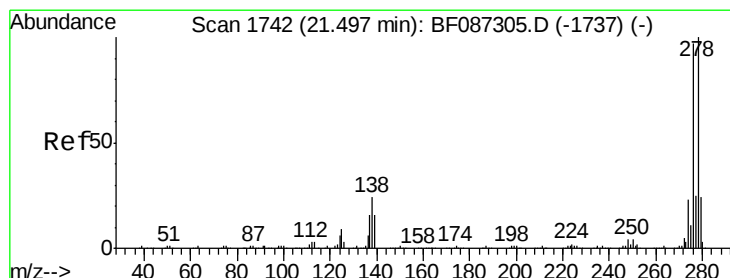
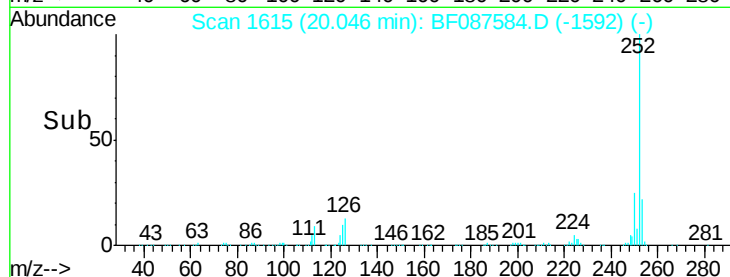
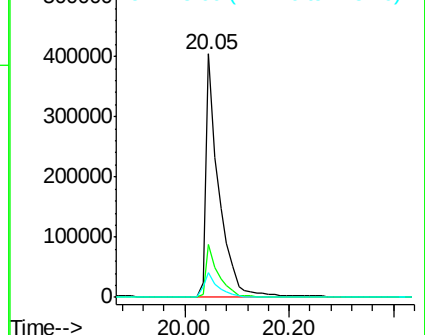
125 10.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.40 ng

RT: 21.31 min Scan# 1726

Delta R.T. -0.05 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

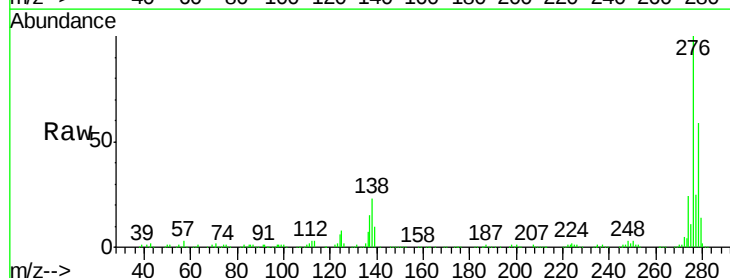
Tgt Ion:278 Resp: 619544

Ion Ratio Lower Upper

278 100

139 16.6 16.6 24.8

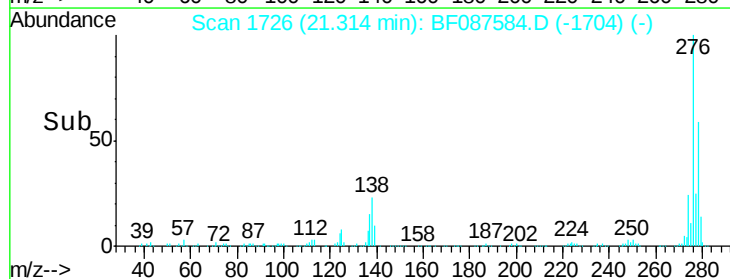
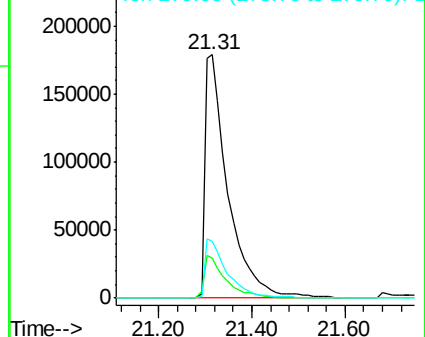
279 23.2 19.6 29.4

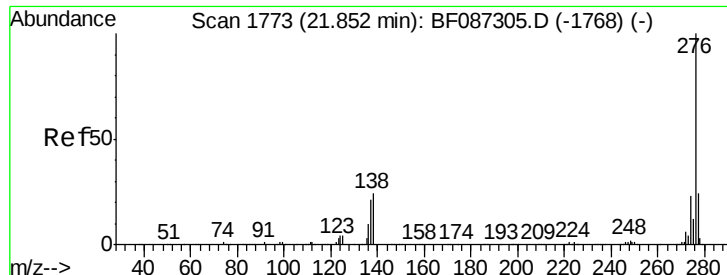


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.72 ng

RT: 21.68 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF087584.D

Acq: 31 May 2016 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

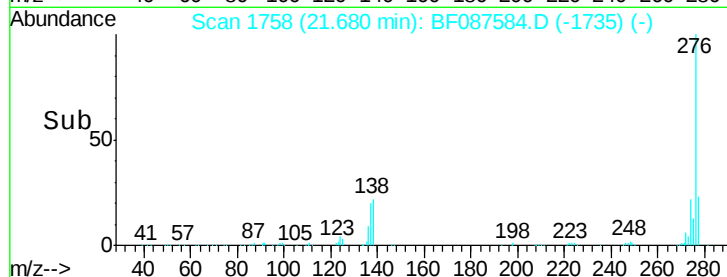
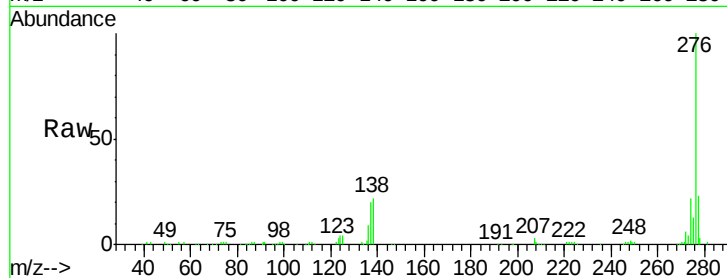
Tgt Ion: 276 Resp: 570816

Ion Ratio Lower Upper

276 100

277 23.2 19.6 29.4

138 22.0 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

