

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087301.D
 Acq On : 23 May 2016 14:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 24 01:01:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 00:59:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	155897	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	680490	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	314725	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	580817	20.00	ng	0.00
75) Chrysene-d12	18.56	240	433102	20.00	ng	0.00
86) Perylene-d12	20.23	264	325899	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	744323	80.02	ng	0.00
7) Phenol-d6	7.15	99	964497	78.06	ng	-0.01
23) Nitrobenzene-d5	8.54	82	1017587	73.94	ng	0.00
41) 2,4,6-Tribromophenol	13.77	330	224560	66.25	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1589932	82.22	ng	0.00
78) Terphenyl-d14	17.21	244	1554485	79.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	187064	39.55	ng	# 80
3) Pyridine	2.54	79	406410	35.95	ng	# 67
4) n-Nitrosodimethylamine	2.51	42	323293	40.09	ng	# 47
6) Aniline	7.12	93	634760	40.11	ng	92
8) 2-Chlorophenol	7.29	128	440654	39.19	ng	89
9) Benzaldehyde	6.92	77	247970	35.31	ng	96
10) Phenol	7.18	94	495480	32.98	ng	83
11) bis(2-Chloroethyl)ether	7.26	93	424995	36.23	ng	87
12) 1,3-Dichlorobenzene	7.64	146	487698	40.84	ng	97
13) 1,4-Dichlorobenzene	7.64	146	490862	40.04	ng	97
14) 1,2-Dichlorobenzene	7.87	146	450840	41.29	ng	99
15) Benzyl Alcohol	7.91	79	391982	42.59	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	943251	39.01	ng	89
17) 2-Methylphenol	8.11	107	352425	38.37	ng	# 79
18) Hexachloroethane	8.39	117	184121	39.49	ng	98
19) n-Nitroso-di-n-propylamine	8.33	70	372298	40.05	ng	# 69
20) 3+4-Methylphenols	8.38	107	463099	38.53	ng	# 61
22) Acetophenone	8.31	105	679328	40.99	ng	# 97
24) Nitrobenzene	8.56	77	539668	36.50	ng	96
25) Isophorone	8.96	82	954243	38.26	ng	99
26) 2-Nitrophenol	9.06	139	234025	37.73	ng	# 68
27) 2,4-Dimethylphenol	9.20	122	386405	36.65	ng	# 86
28) bis(2-Chloroethoxy)methane	9.34	93	543114	40.08	ng	99
29) 2,4-Dichlorophenol	9.47	162	355189	37.96	ng	96
30) 1,2,4-Trichlorobenzene	9.56	180	398660	38.27	ng	95
31) Naphthalene	9.68	128	1282619	38.35	ng	99
32) Benzoic acid	9.53	122	176901	29.10	ng	# 76
33) 4-Chloroaniline	9.82	127	490712	36.02	ng	# 91
34) Hexachlorobutadiene	9.90	225	242101	40.51	ng	97
35) Caprolactam	10.48	113	89717	30.42	ng	# 57
36) 4-Chloro-3-methylphenol	10.67	107	413374	36.90	ng	89
37) 2-Methylnaphthalene	10.81	142	818548	38.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	388991	41.29	ng	99
40) Hexachlorocyclopentadiene	11.05	237	123403	42.25	ng	96

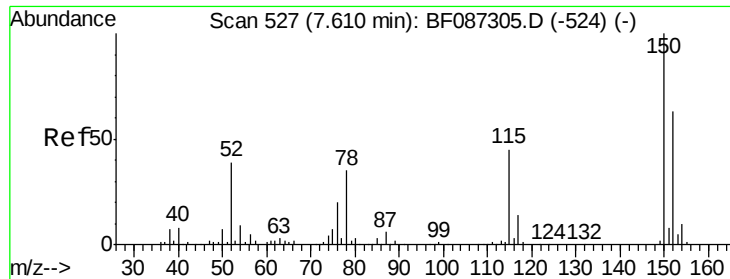
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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 Acq On : 23 May 2016 14:35
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	230170	38.54	ng	94
43) 2,4,5-Trichlorophenol	11.38	196	236197	38.42	ng #	92
45) 1,1'-Biphenyl	11.58	154	1029122	39.20	ng	96
46) 2-Chloronaphthalene	11.59	162	772296	38.20	ng #	90
47) 2-Nitroaniline	11.80	65	289916	38.04	ng #	76
48) Acenaphthylene	12.25	152	1228598	39.49	ng	99
49) Dimethylphthalate	12.14	163	963344	39.76	ng	100
50) 2,6-Dinitrotoluene	12.23	165	209740	40.79	ng	92
51) Acenaphthene	12.54	154	753715	38.86	ng	98
52) 3-Nitroaniline	12.49	138	209986	37.72	ng	87
53) 2,4-Dinitrophenol	12.69	184	77247	30.52	ng #	76
54) Dibenzofuran	12.82	168	1020417	40.44	ng	97
55) 4-Nitrophenol	12.87	139	90261	37.87	ng #	53
56) 2,4-Dinitrotoluene	12.88	165	261363	39.03	ng #	93
57) Fluorene	13.37	166	847615	40.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	175550	36.50	ng	98
59) Diethylphthalate	13.28	149	927169	40.55	ng	98
60) 4-Chlorophenyl-phenylether	13.41	204	432456	45.17	ng #	83
61) 4-Nitroaniline	13.50	138	182679	33.67	ng #	65
62) Azobenzene	13.66	77	993295	37.72	ng	86
64) 4,6-Dinitro-2-methylphenol	13.54	198	139984	36.62	ng #	45
65) n-Nitrosodiphenylamine	13.61	169	711601	38.91	ng	100
66) 4-Bromophenyl-phenylether	14.18	248	239672	39.20	ng	96
67) Hexachlorobenzene	14.26	284	256766	37.57	ng #	90
68) Atrazine	14.53	200	210043	35.30	ng	92
69) Pentachlorophenol	14.62	266	71508	29.09	ng	98
70) Phenanthrene	14.91	178	1214357	38.69	ng	99
71) Anthracene	15.01	178	1245069	38.38	ng	99
72) Carbazole	15.29	167	1075049	37.32	ng	100
73) Di-n-butylphthalate	15.86	149	1406475	41.68	ng	99
74) Fluoranthene	16.66	202	1190940	37.36	ng	97
76) Benzidine	16.89	184	440628	38.63	ng	98
77) Pyrene	16.97	202	1247380	39.97	ng	100
79) Butylbenzylphthalate	17.87	149	535466	40.39	ng #	70
80) Benzo(a)anthracene	18.55	228	923570	36.63	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	606625	38.80	ng	97
82) Chrysene	18.59	228	918376	37.89	ng	98
83) Bis(2-ethylhexyl)phthalate	18.62	149	757967	45.41	ng #	95
84) Di-n-octyl phthalate	19.38	149	1138786	39.79	ng #	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	727573	34.46	ng	94
87) Benzo(b)fluoranthene	19.82	252	1520569	68.31	ng #	95
88) Benzo(k)fluoranthene	19.82	252	1520569	97.64	ng	98
89) Benzo(a)pyrene	20.17	252	705994	39.25	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	611928	40.11	ng #	93
91) Benzo(g,h,i)perylene	21.85	276	600868	39.27	ng #	91

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

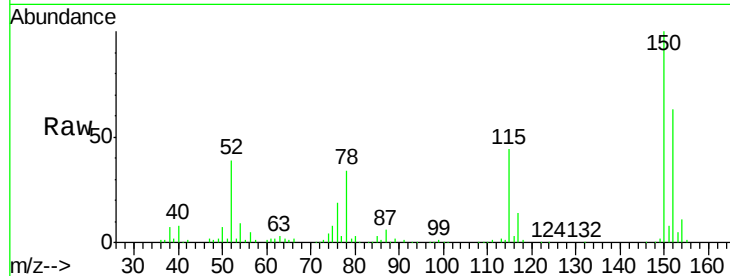


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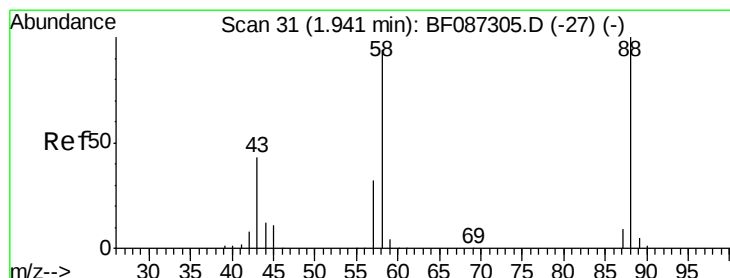
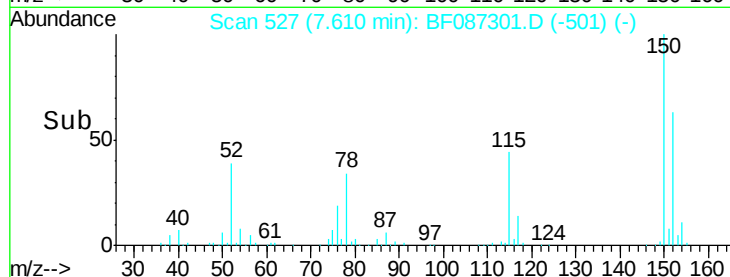
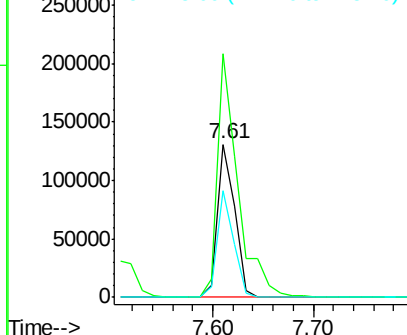
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 155897
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 70.0 51.5 77.3



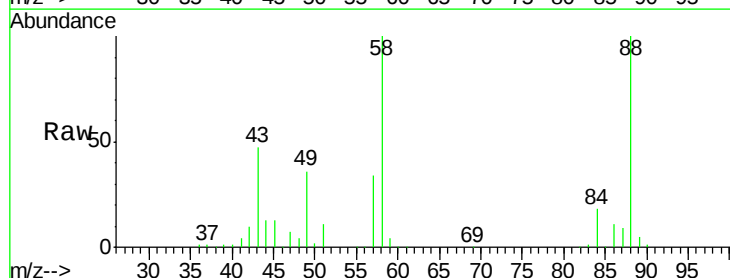
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



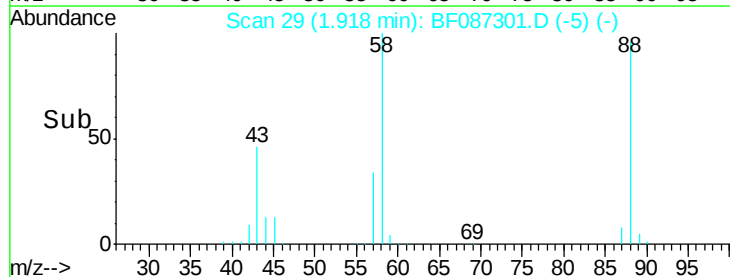
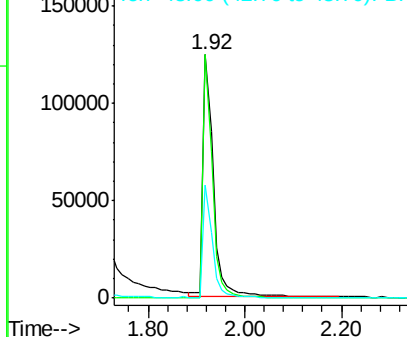
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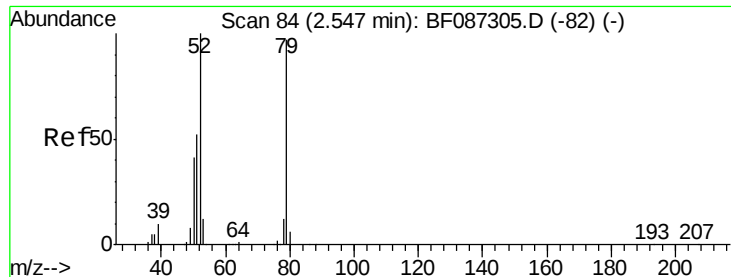
1,4-Dioxane
Concen: 39.55 ng
RT: 1.92 min Scan# 29
Delta R.T. -0.02 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion: 88 Resp: 187064
Ion Ratio Lower Upper
88 100
58 89.1 59.6 89.4
43 42.1 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: 35.95 ng

RT: 2.54 min Scan# 83

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

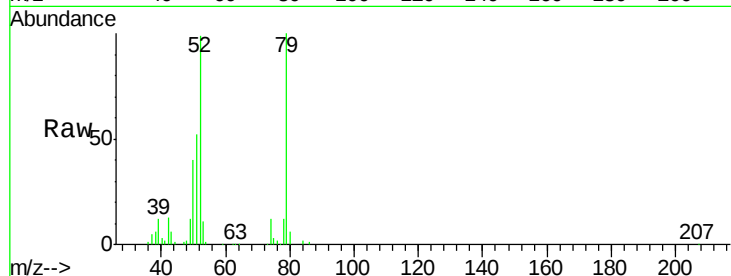
Tgt Ion: 79 Resp: 406410

Ion Ratio Lower Upper

79 100

52 98.6 55.9 83.9#

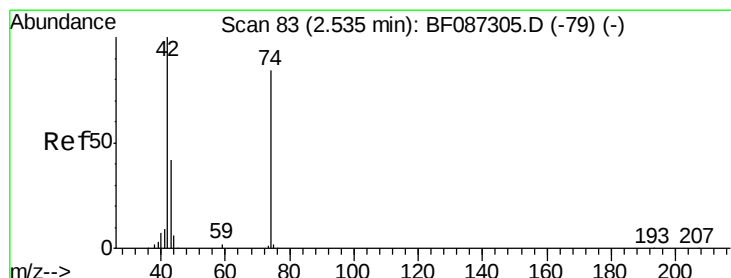
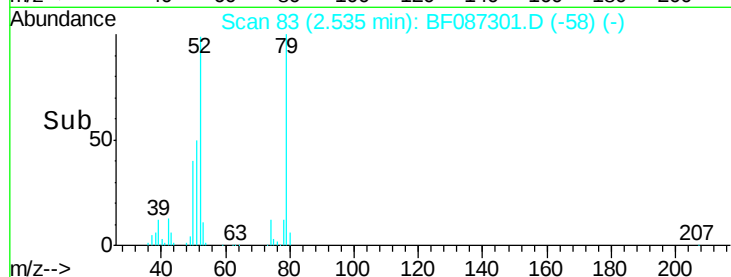
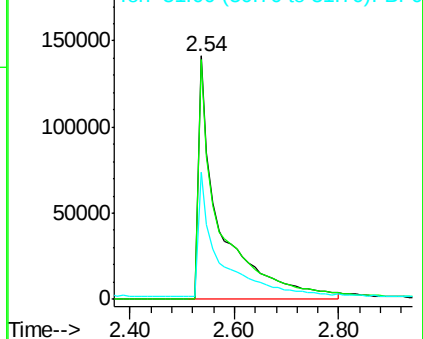
51 52.1 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.09 ng

RT: 2.51 min Scan# 81

Delta R.T. -0.02 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

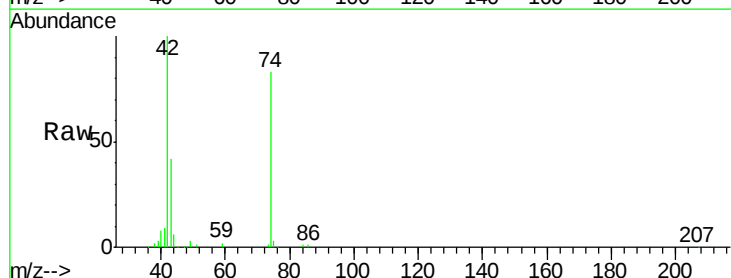
Tgt Ion: 42 Resp: 323293

Ion Ratio Lower Upper

42 100

74 83.3 123.4 185.0#

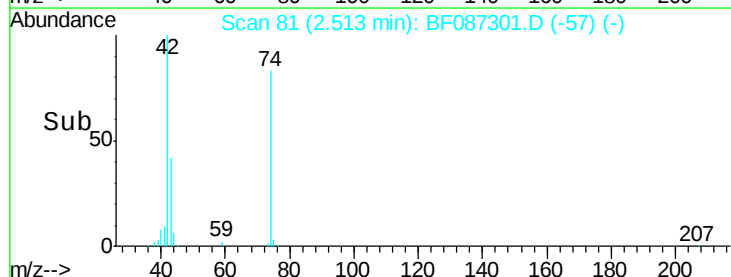
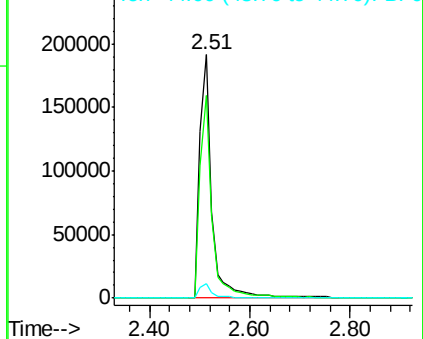
44 6.1 5.8 8.6

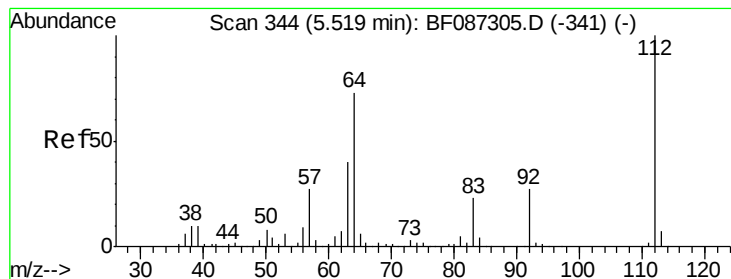


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.02 ng

RT: 5.52 min Scan# 344

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

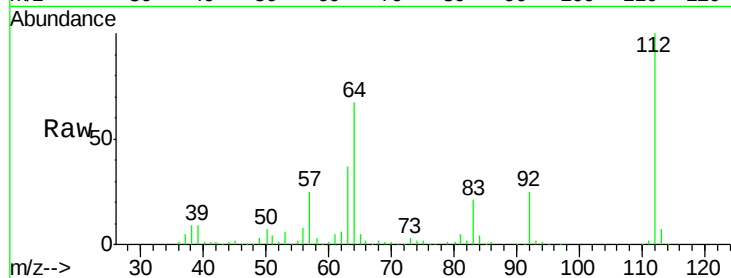
Tgt Ion: 112 Resp: 744323

Ion Ratio Lower Upper

112 100

64 66.9 52.1 78.1

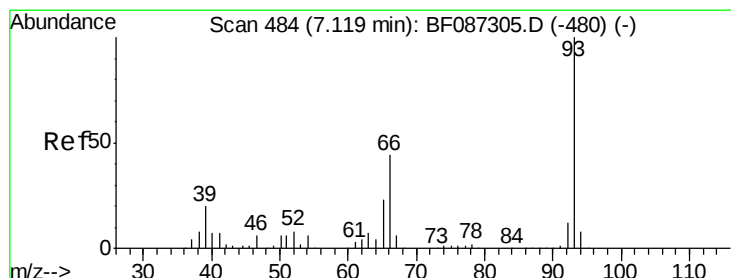
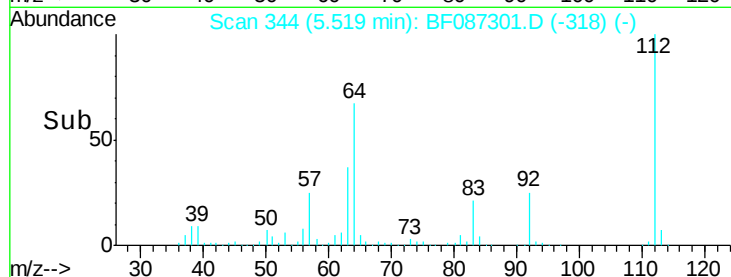
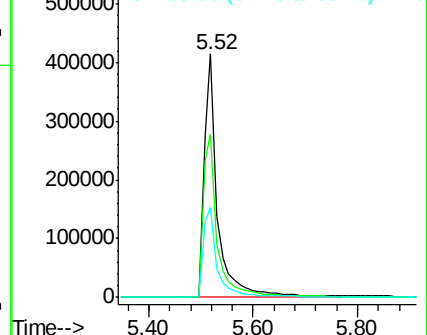
63 37.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.11 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

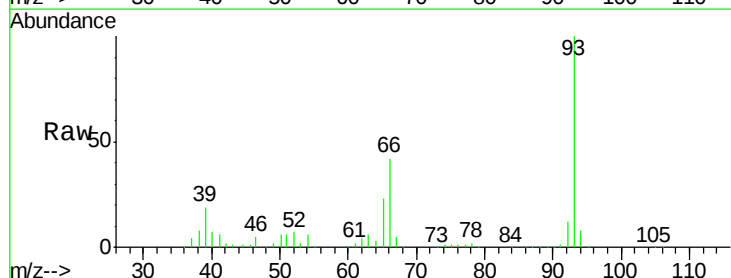
Tgt Ion: 93 Resp: 634760

Ion Ratio Lower Upper

93 100

66 42.3 39.0 58.6

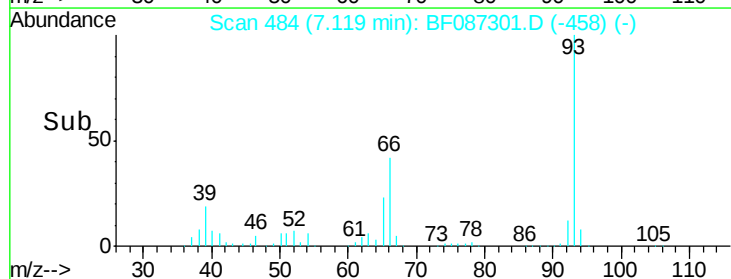
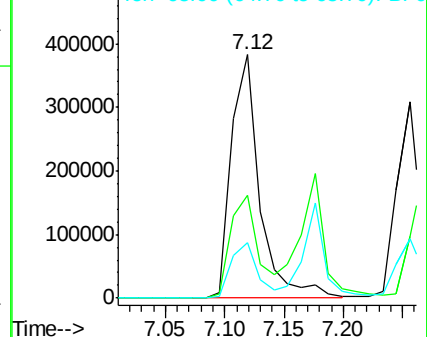
65 22.7 20.6 31.0

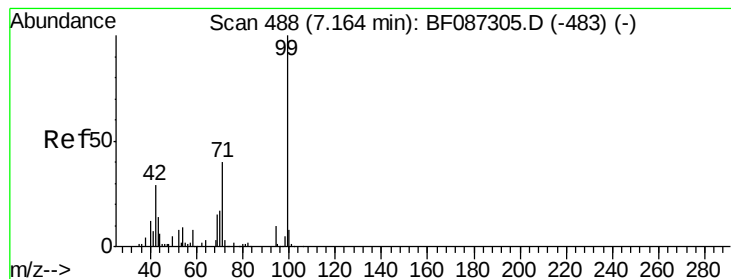


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.06 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

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ClientSampleId :

SSTDCCC040

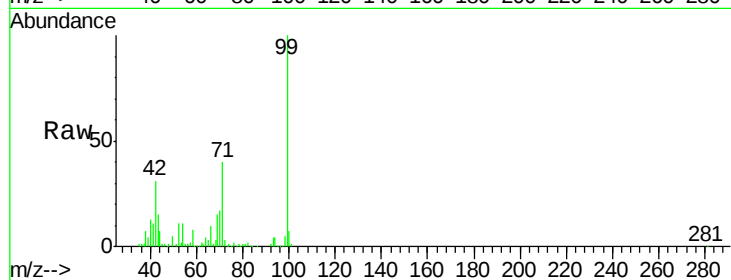
Tgt Ion: 99 Resp: 964497

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

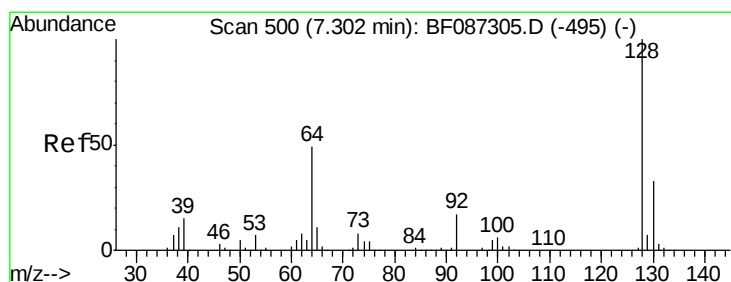
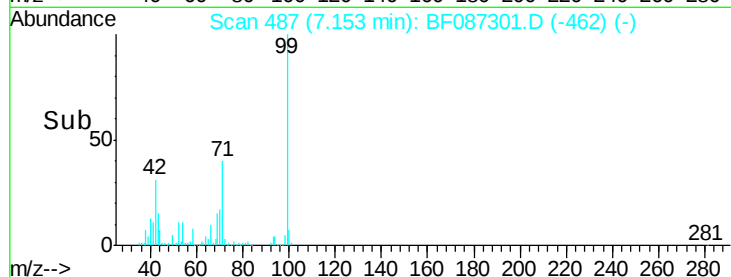
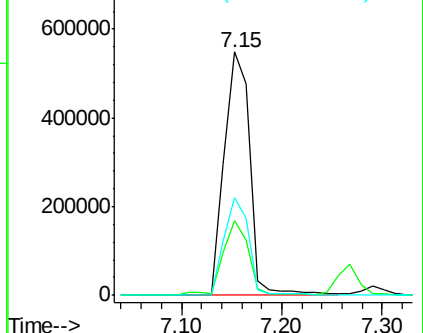
71 40.2 24.6 36.8#



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: 39.19 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

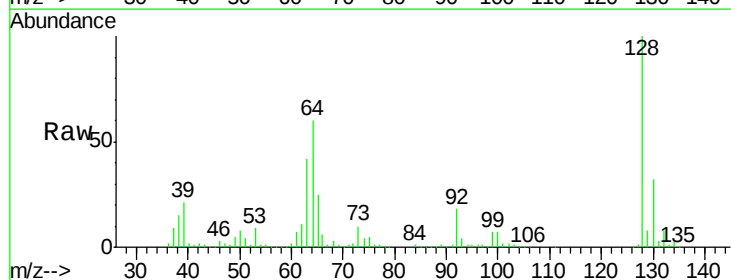
Tgt Ion: 128 Resp: 440654

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

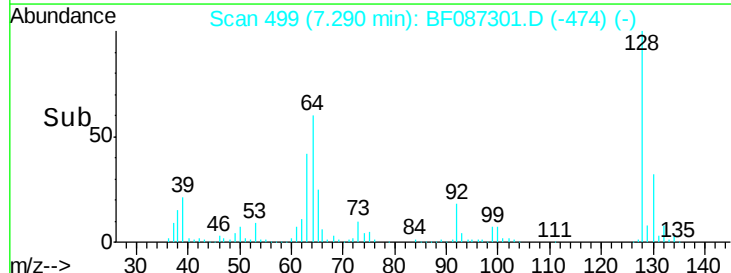
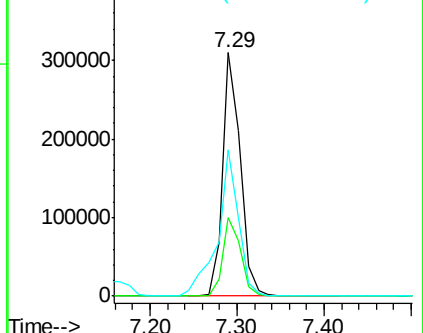
64 59.9 27.3 67.3

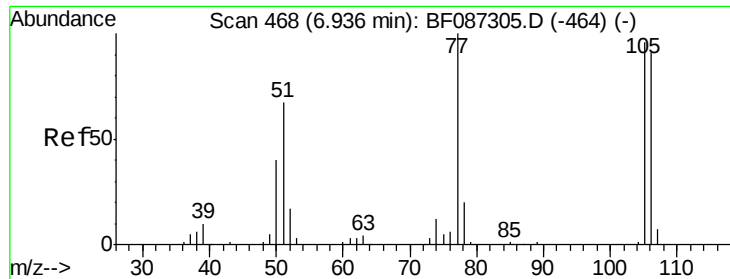


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.31 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

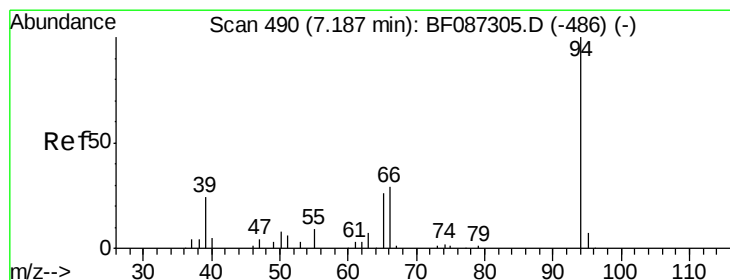
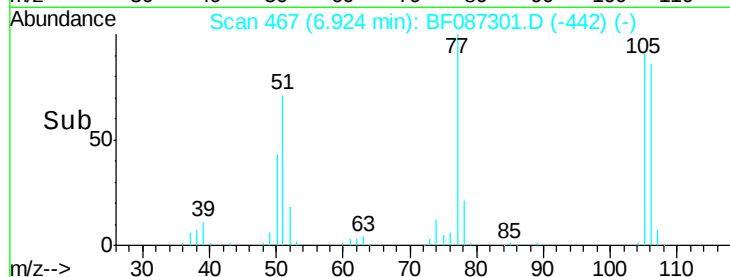
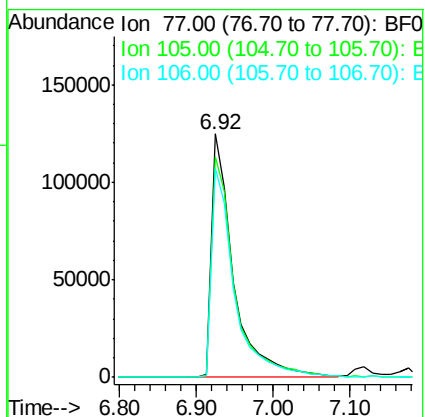
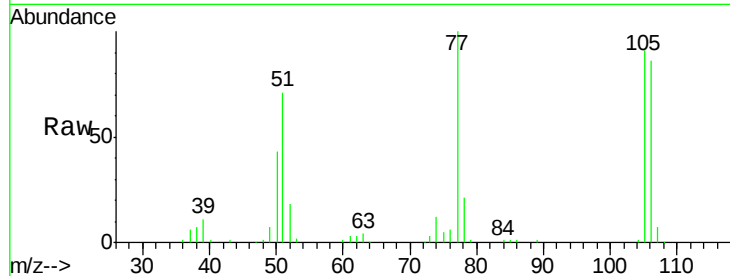
Tgt Ion: 77 Resp: 247970

Ion Ratio Lower Upper

77 100

105 90.6 72.7 112.7

106 85.8 70.8 110.8



#10

Phenol

Concen: 32.98 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

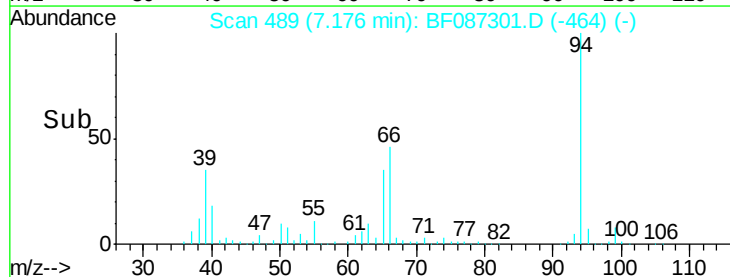
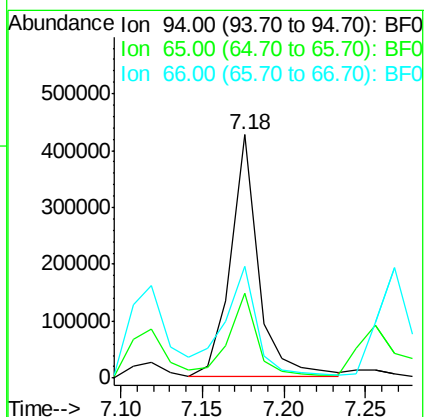
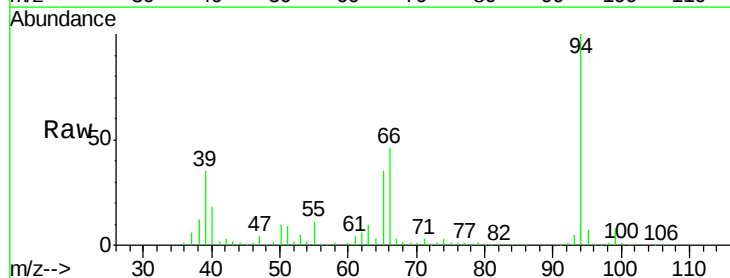
Tgt Ion: 94 Resp: 495480

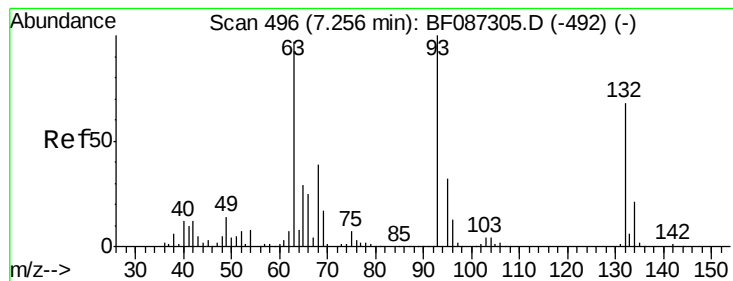
Ion Ratio Lower Upper

94 100

65 35.0 7.2 47.2

66 46.0 14.9 54.9

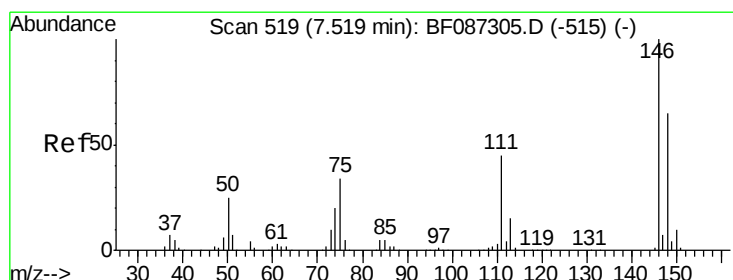
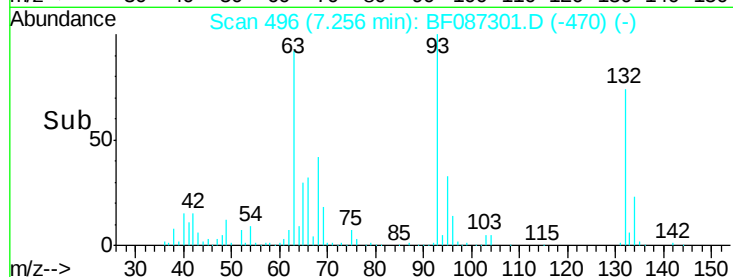
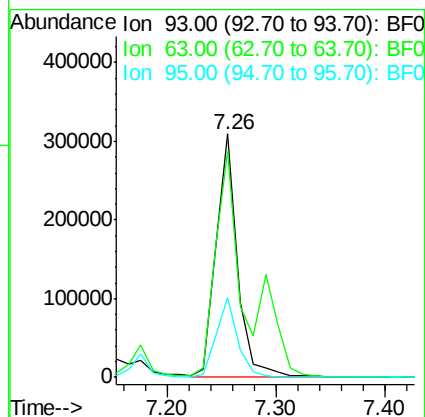
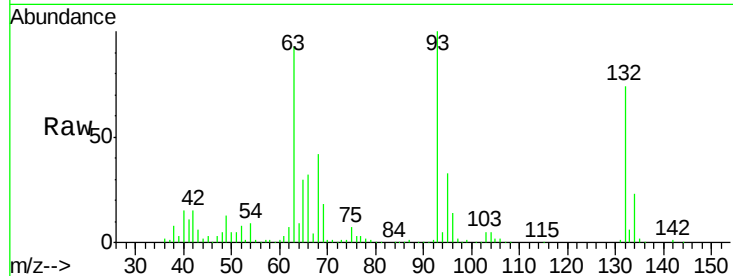




#11
bis(2-Chloroethyl)ether
Concen: 36.23 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

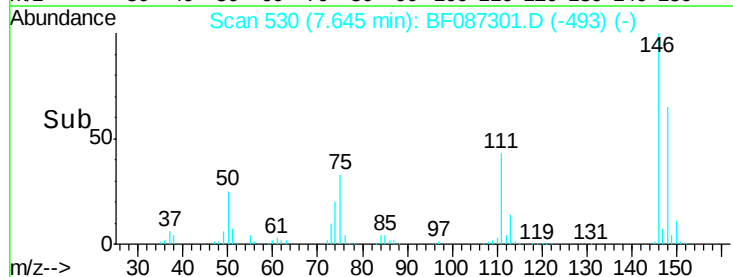
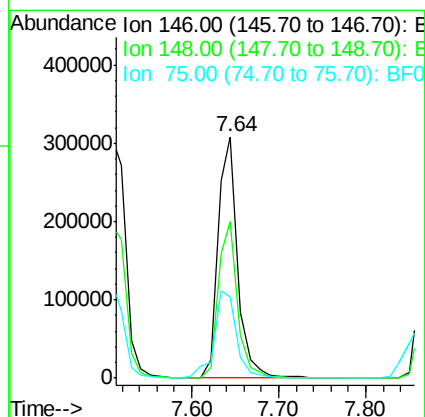
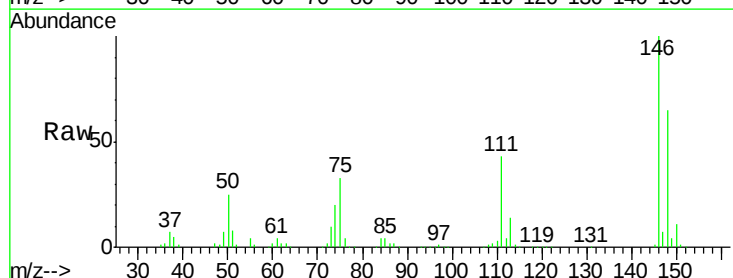
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

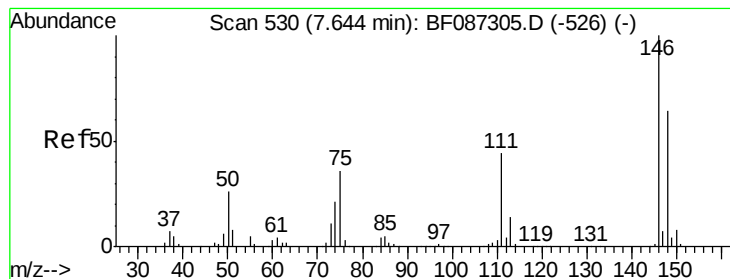
Tgt Ion: 93 Resp: 424995
Ion Ratio Lower Upper
93 100
63 92.8 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.84 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.13 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion: 146 Resp: 487698
Ion Ratio Lower Upper
146 100
148 65.0 52.4 78.6
75 33.5 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 40.04 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

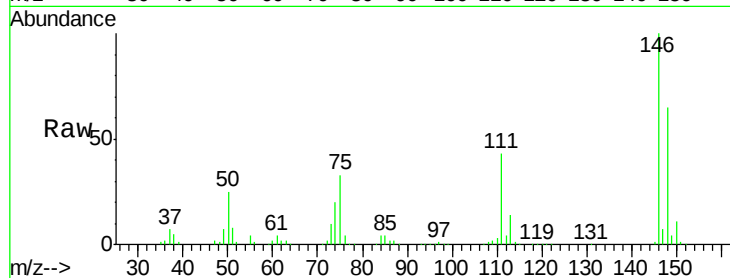
Tgt Ion:146 Resp: 490862

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.4

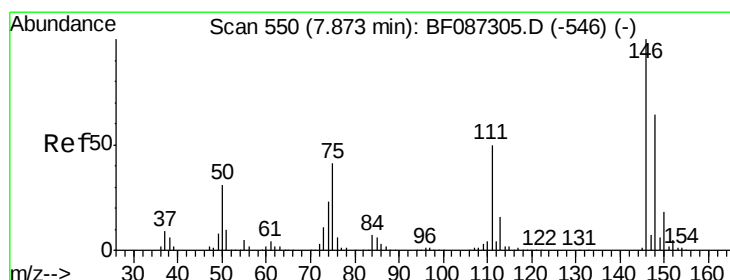
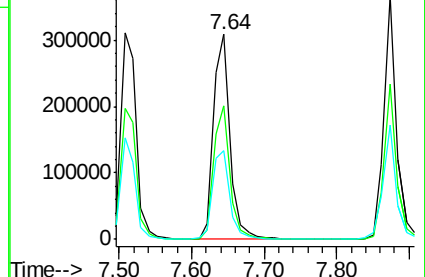
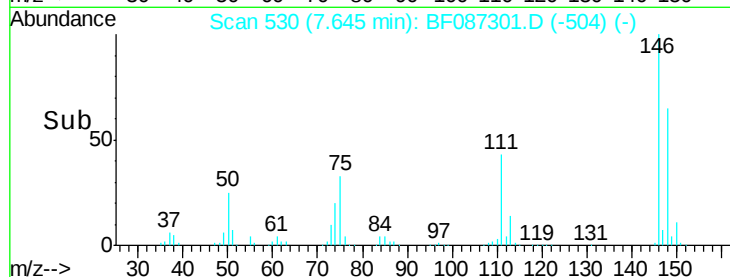
111 43.1 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.29 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

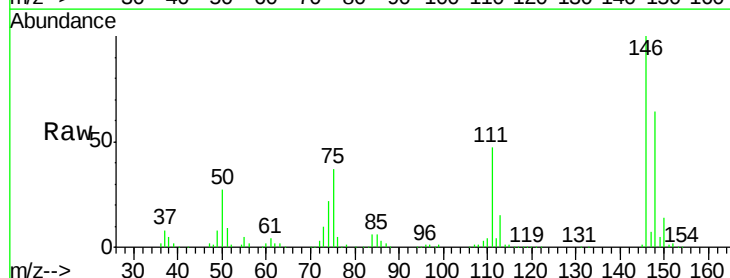
Tgt Ion:146 Resp: 450840

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

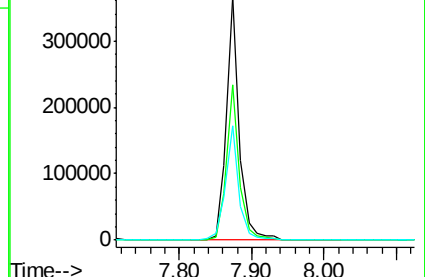
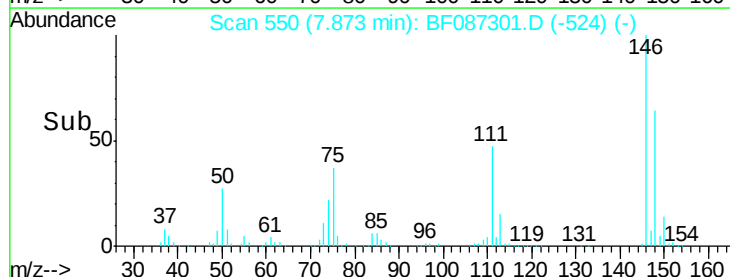
111 47.1 36.2 54.4

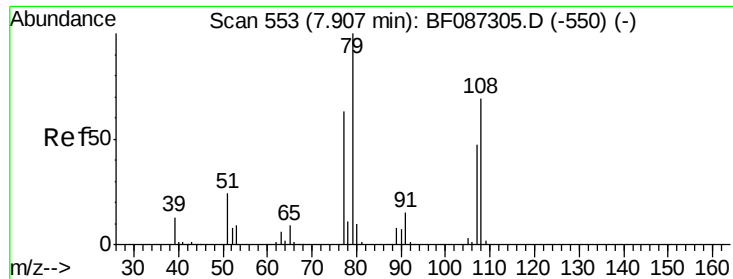


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.59 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

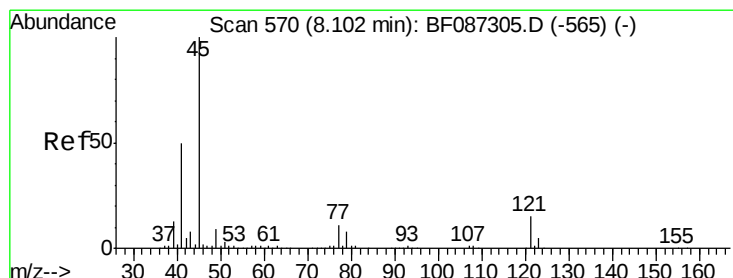
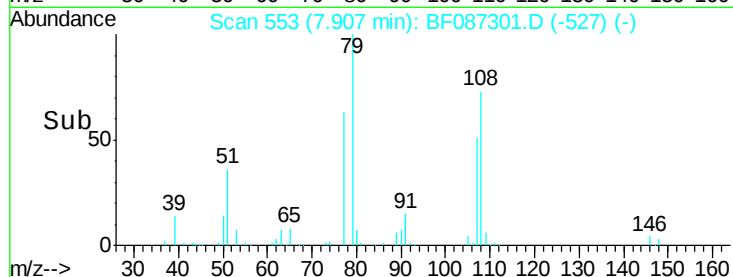
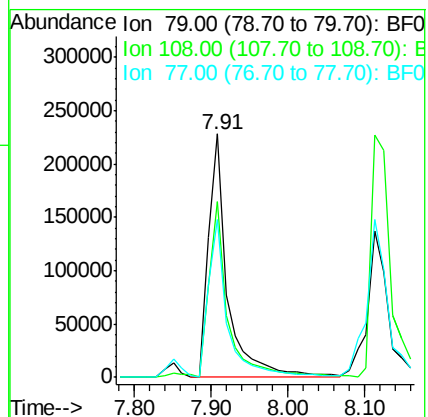
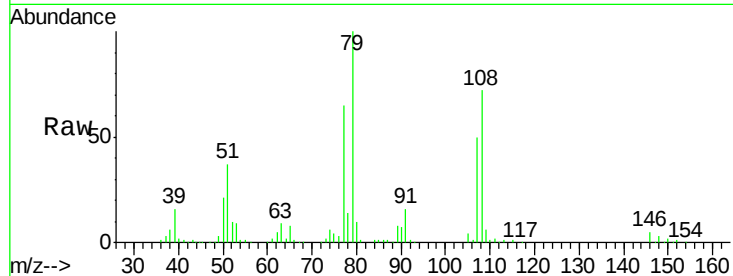
Tgt Ion: 79 Resp: 391982

Ion Ratio Lower Upper

79 100

108 72.3 68.4 102.6

77 64.8 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.01 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

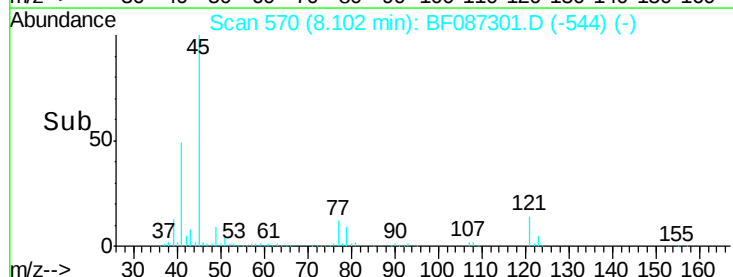
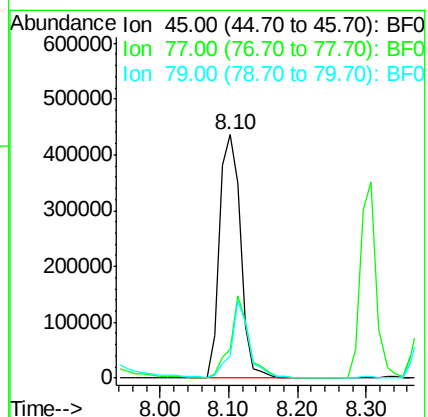
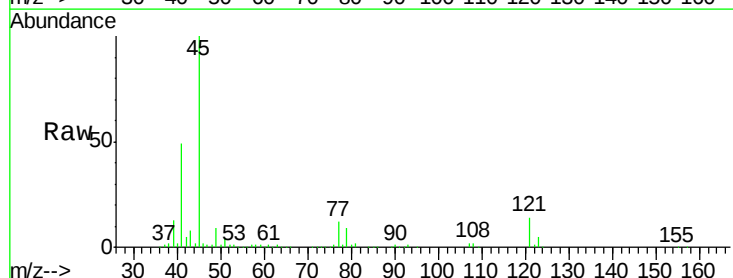
Tgt Ion: 45 Resp: 943251

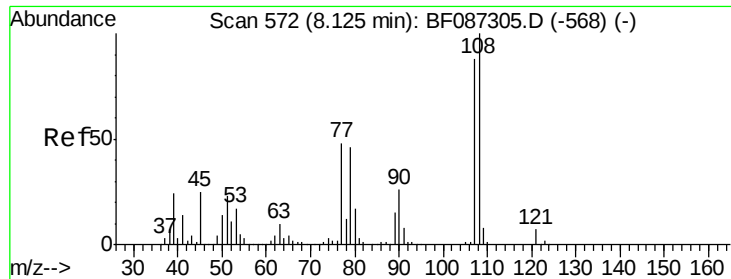
Ion Ratio Lower Upper

45 100

77 11.7 0.0 36.4

79 9.3 0.0 33.4

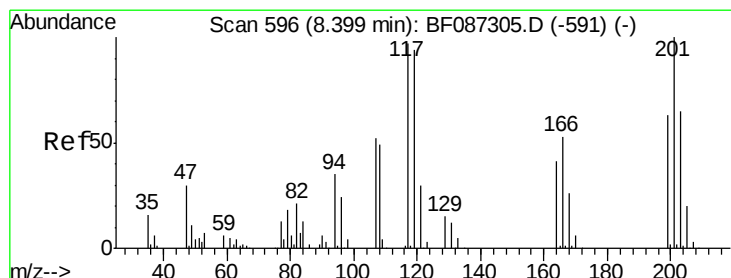
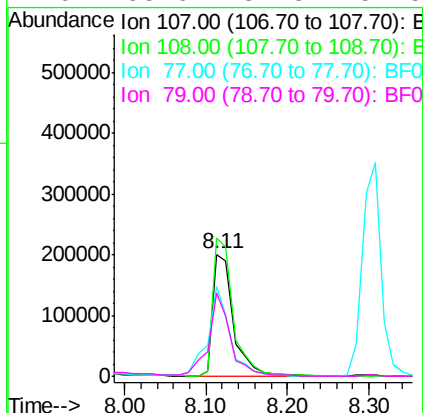
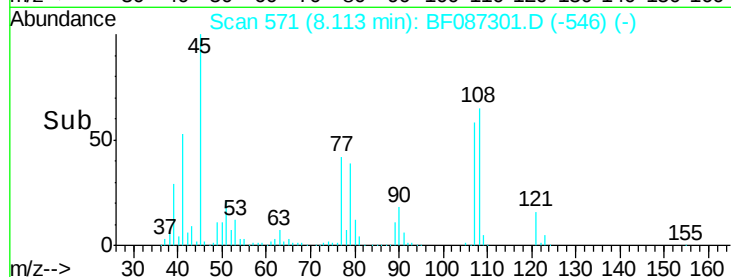
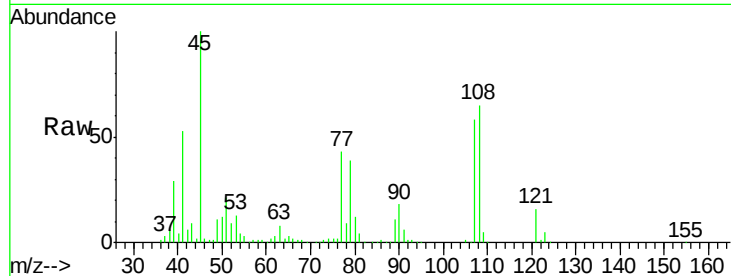




#17
2-Methylphenol
Concen: 38.37 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

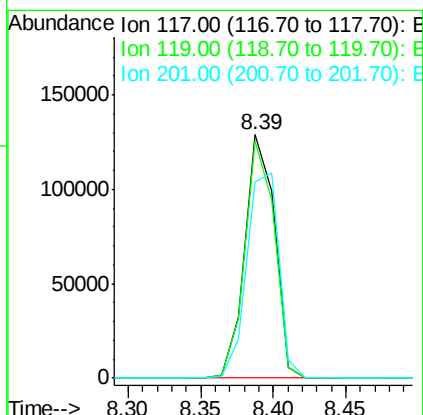
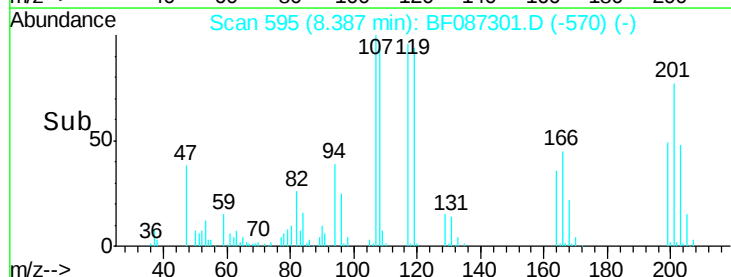
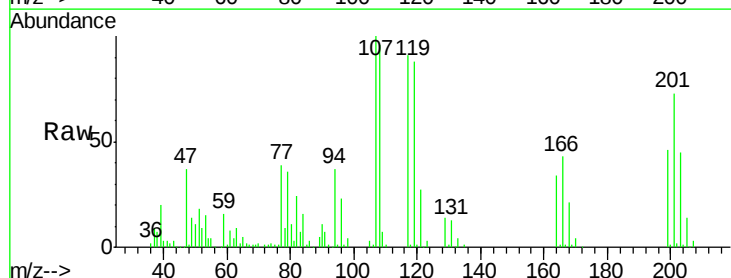
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

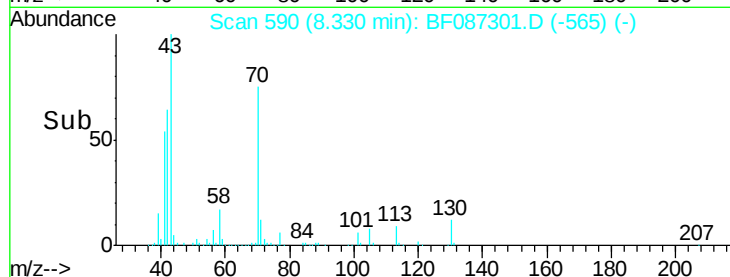
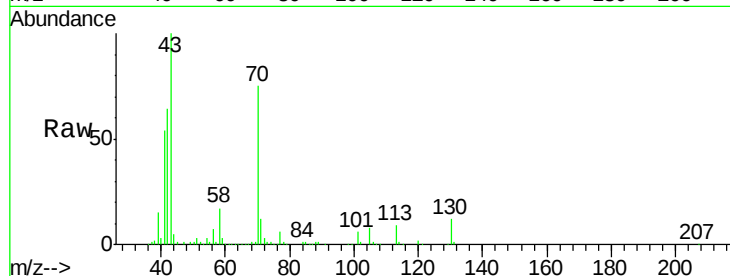
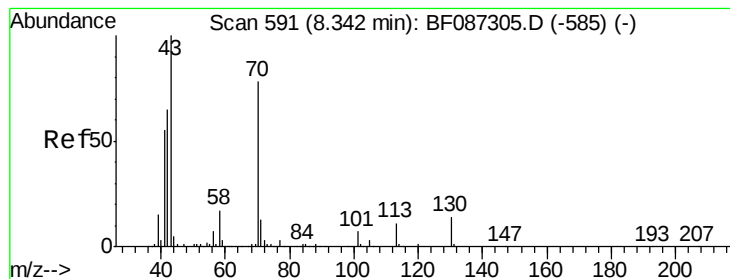
Tgt Ion:107 Resp: 352425
Ion Ratio Lower Upper
107 100
108 113.3 93.7 140.5
77 73.8 33.4 50.0#
79 68.6 34.3 51.5#



#18
Hexachloroethane
Concen: 39.49 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:117 Resp: 184121
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7
201 80.4 63.0 94.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.05 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 372298

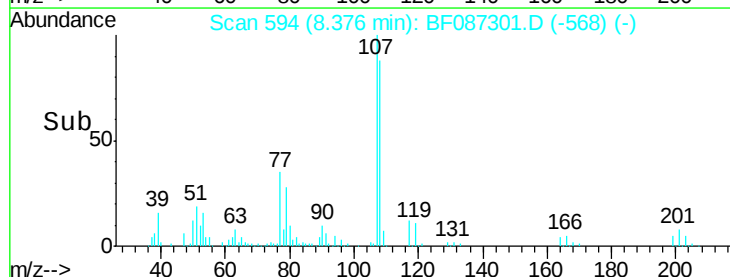
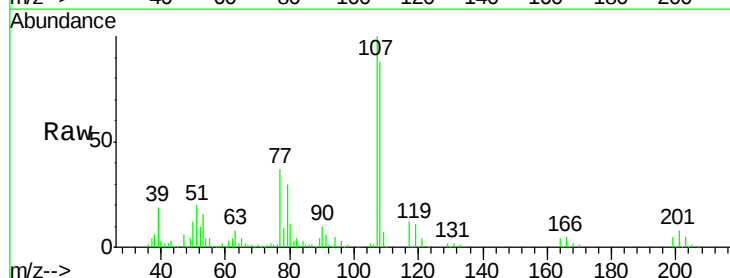
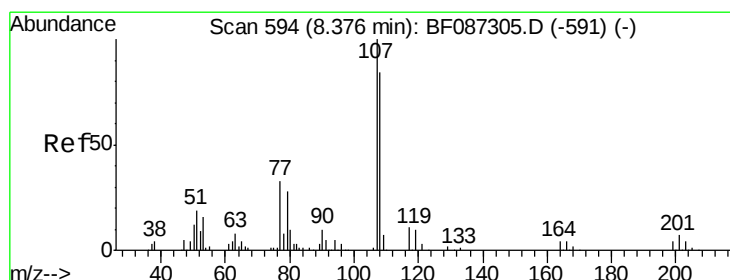
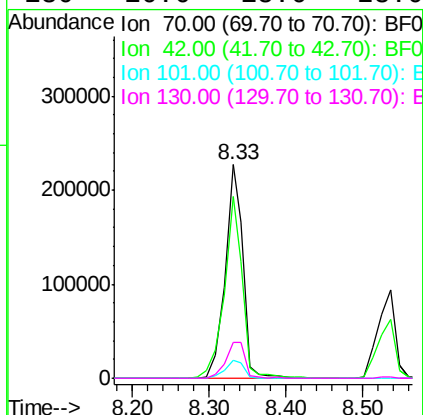
Ion Ratio Lower Upper

70 100

42 85.1 43.1 64.7#

101 8.6 8.1 12.1

130 16.6 18.6 28.0#



#20

3+4-Methylphenols

Concen: 38.53 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Tgt Ion: 107 Resp: 463099

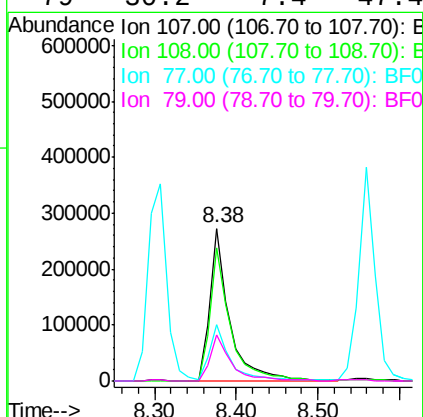
Ion Ratio Lower Upper

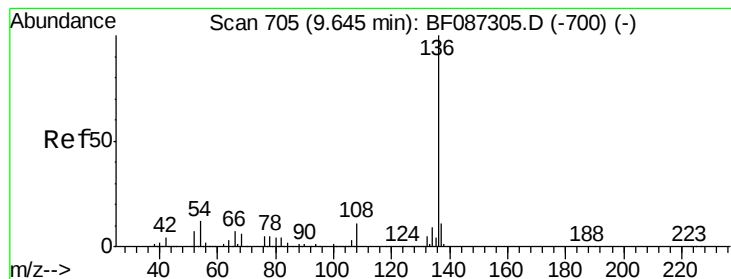
107 100

108 87.8 68.5 108.5

77 37.2 101.6 141.6#

79 30.2 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

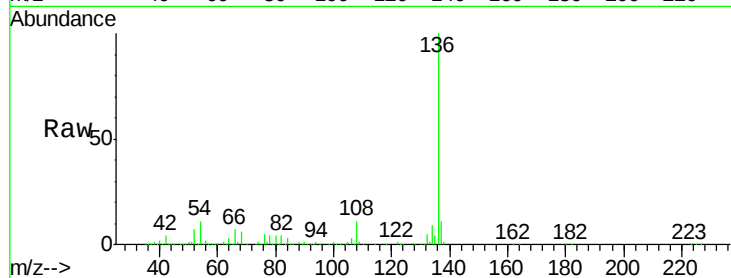
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	136	Resp:	680490
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	11.4	5.0	7.4#
68	5.8	4.4	6.6



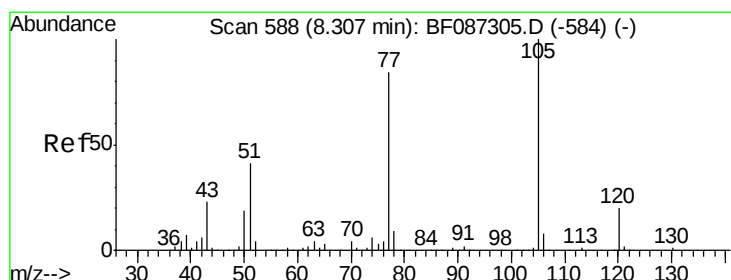
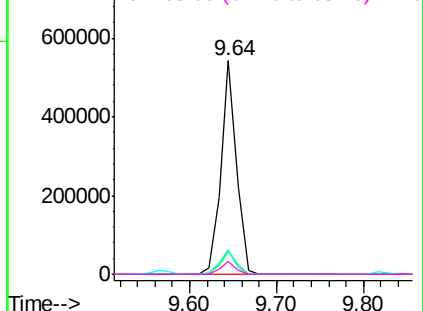
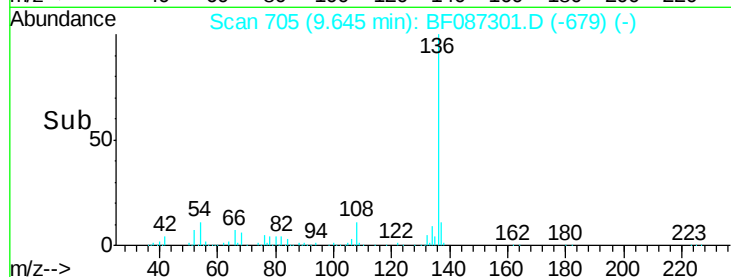
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.99 ng

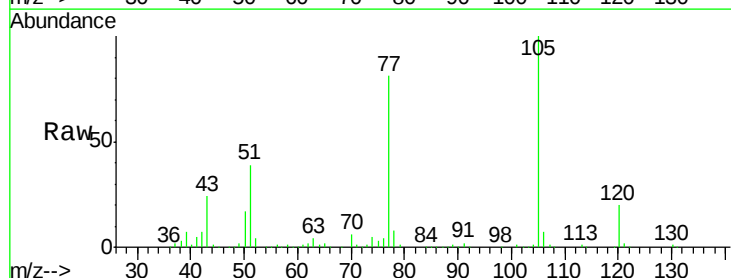
RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Tgt Ion:	105	Resp:	679328
Ion Ratio	Lower	Upper	
105	100		
71	0.9	4.8	7.2#
51	38.9	32.6	49.0
120	20.3	16.5	24.7



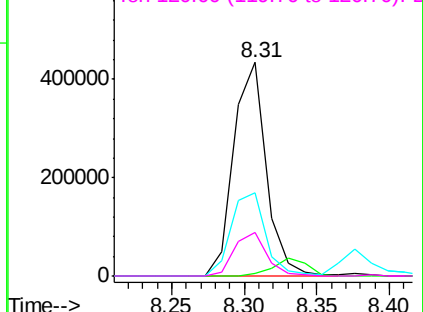
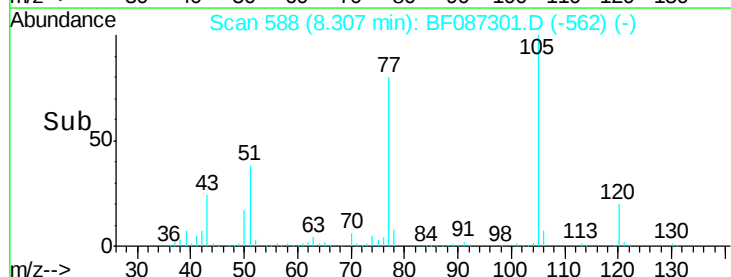
Abundance

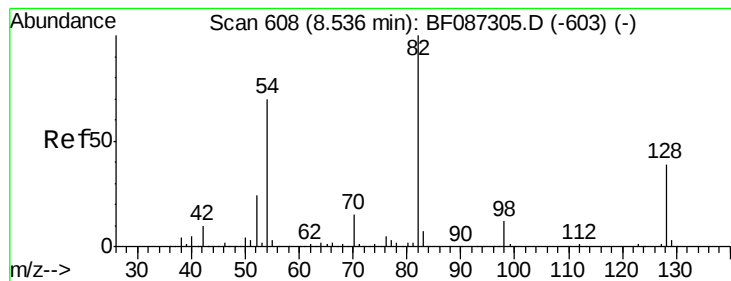
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.94 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

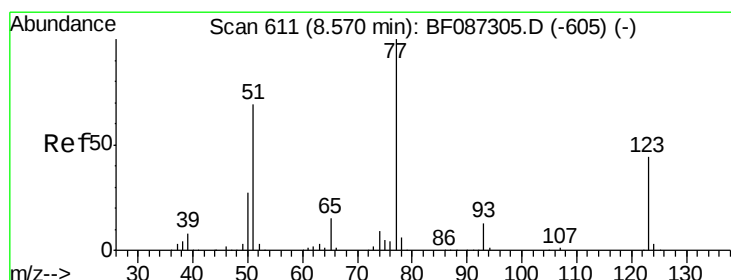
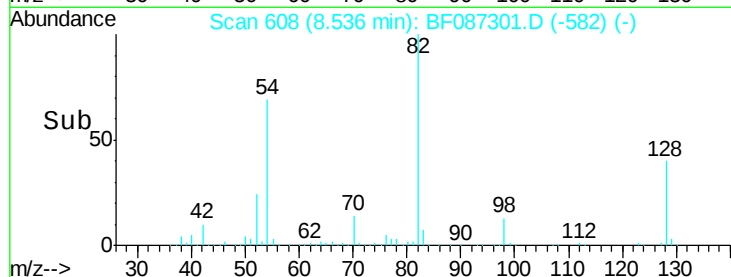
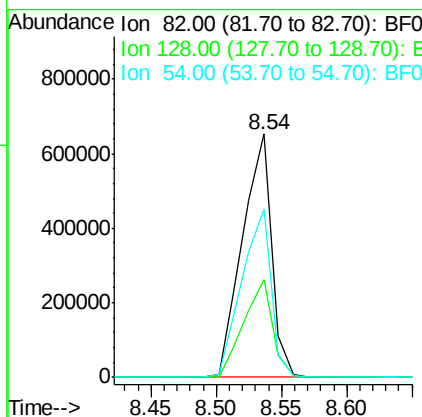
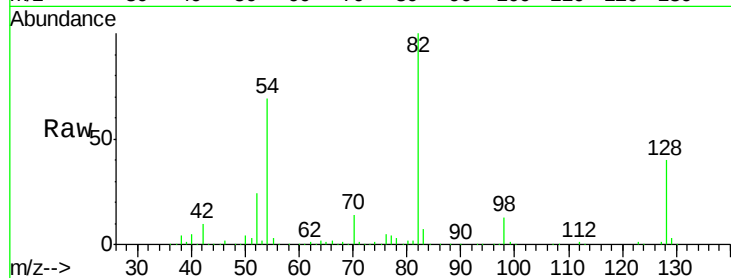
Tgt Ion: 82 Resp: 1017587

Ion Ratio Lower Upper

82 100

128 40.1 40.6 61.0#

54 69.1 38.1 57.1#



#24

Nitrobenzene

Concen: 36.50 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

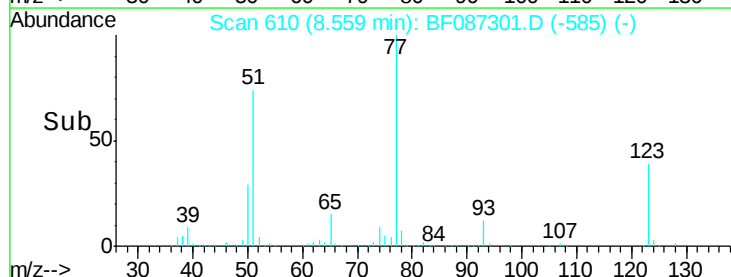
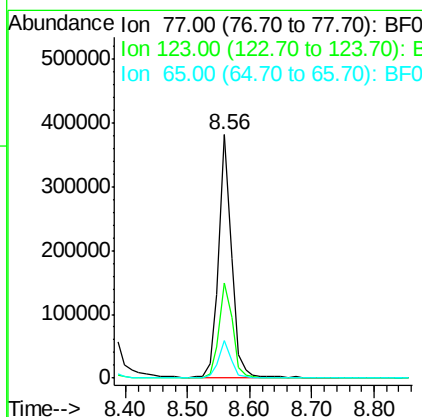
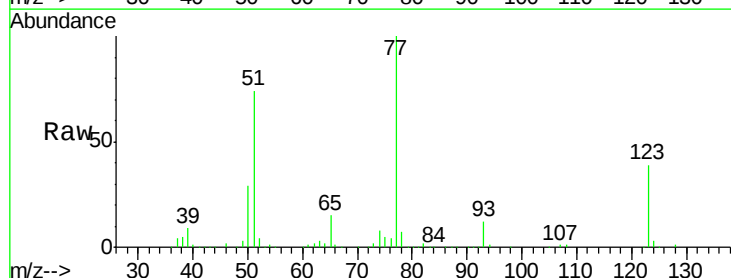
Tgt Ion: 77 Resp: 539668

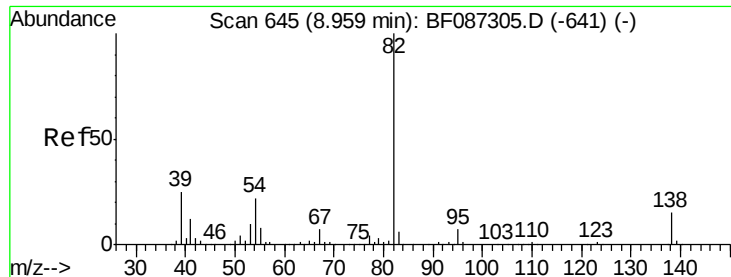
Ion Ratio Lower Upper

77 100

123 39.2 33.0 49.4

65 15.3 10.8 16.2





#25

Isophorone

Concen: 38.26 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

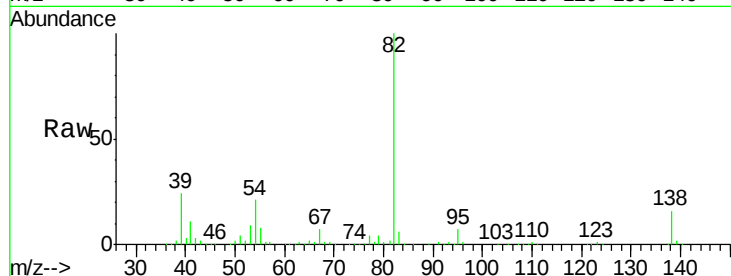
Tgt Ion: 82 Resp: 954243

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 15.5 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

600000

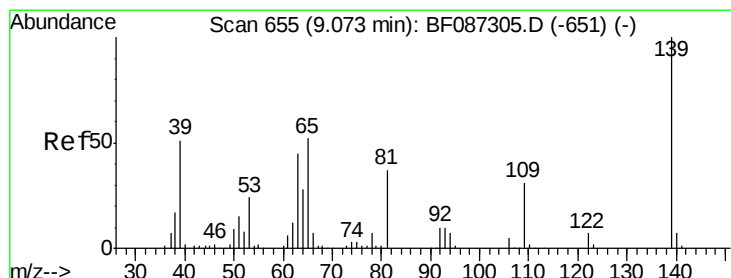
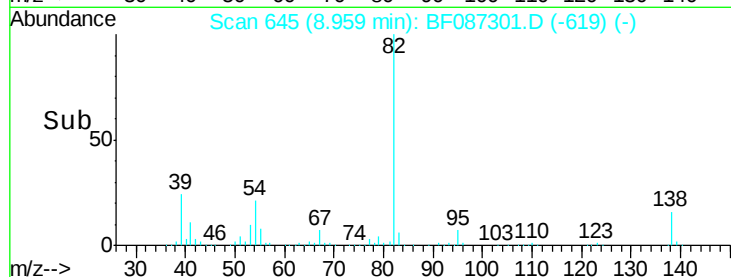
400000

200000

0

8.90 8.96 9.00 9.10

Time-->



#26

2-Nitrophenol

Concen: 37.73 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

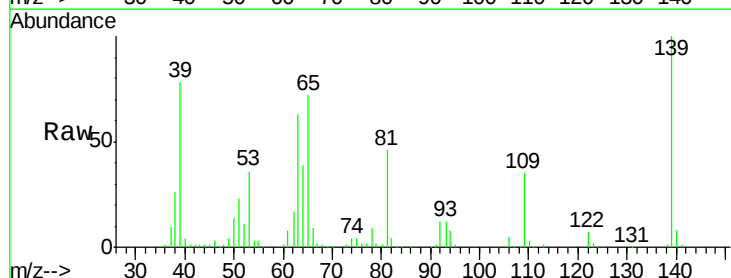
Tgt Ion: 139 Resp: 234025

Ion Ratio Lower Upper

139 100

109 34.7 19.5 29.3#

65 71.8 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

200000

150000

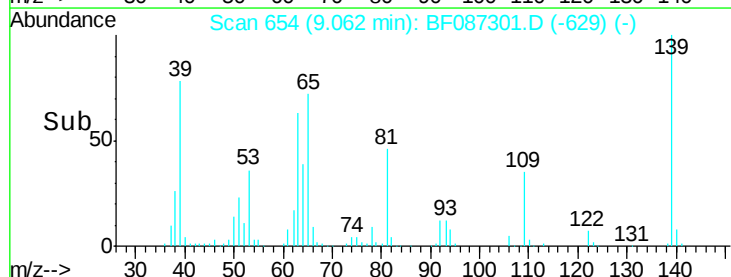
100000

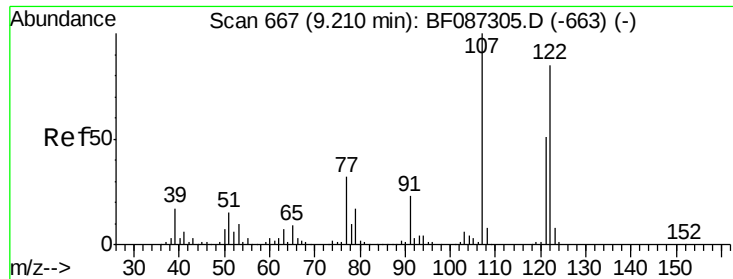
50000

0

9.00 9.06 9.10 9.20

Time-->

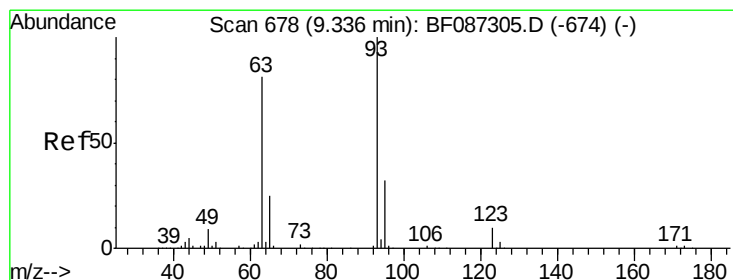
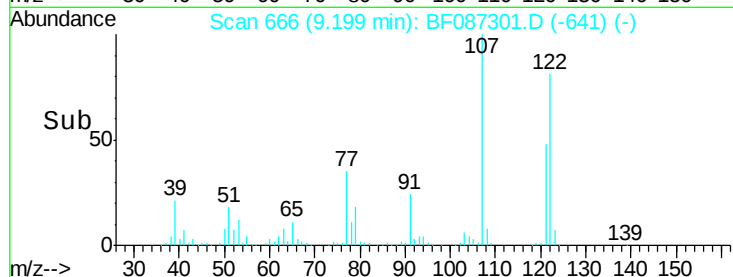
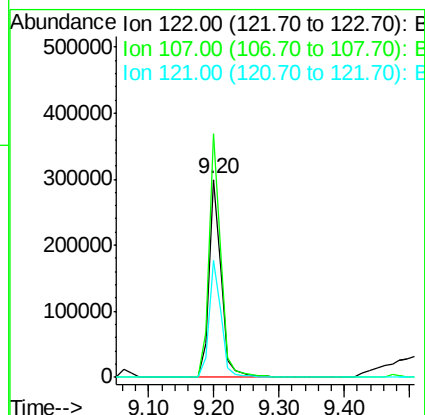
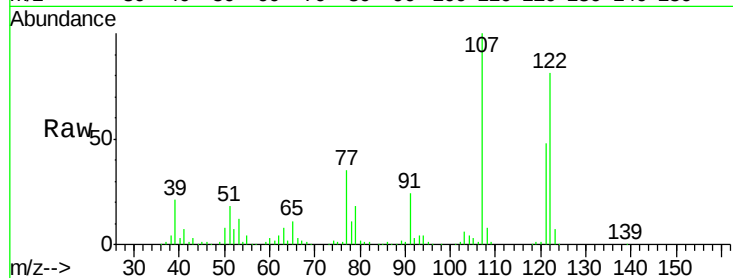




#27
 2,4-Dimethylphenol
 Concen: 36.65 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

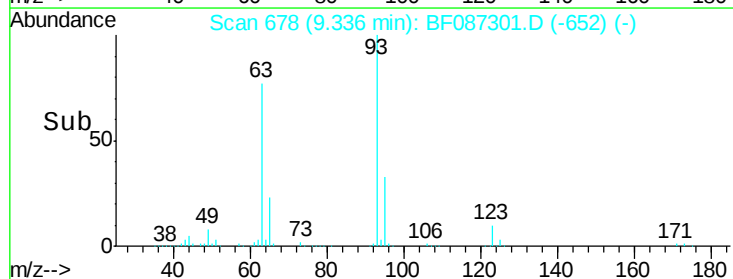
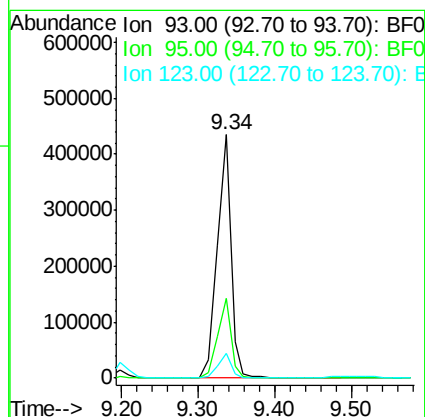
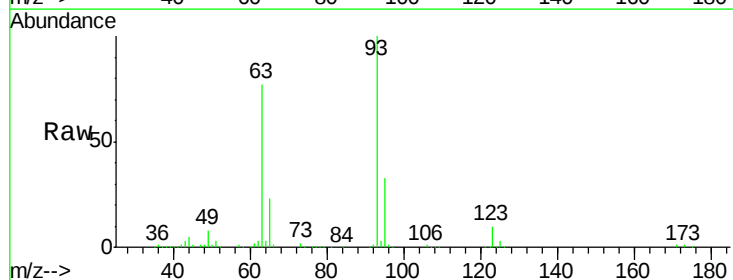
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

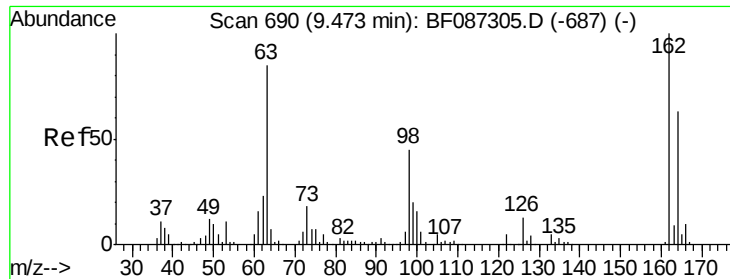
Tgt Ion:122 Resp: 386405
 Ion Ratio Lower Upper
 122 100
 107 123.0 82.0 123.0#
 121 59.0 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.08 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion: 93 Resp: 543114
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 10.2 9.5 14.3

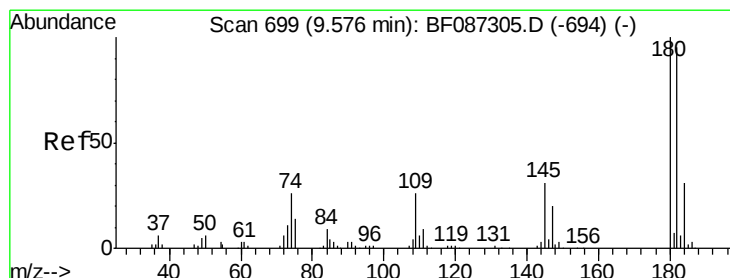
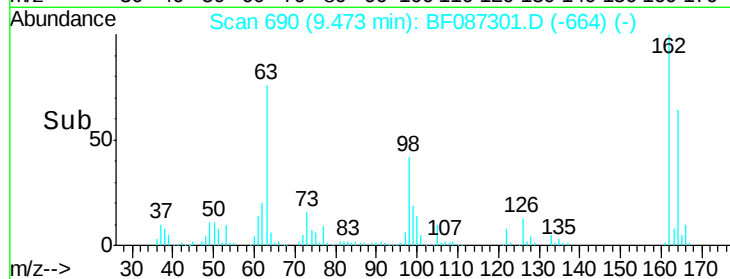
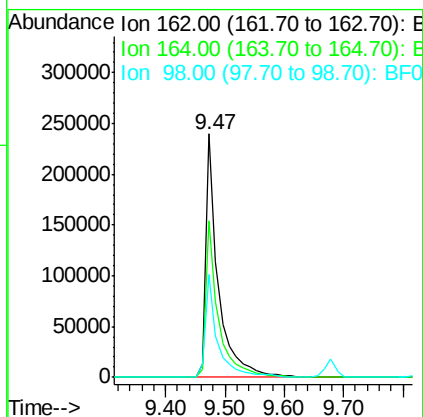
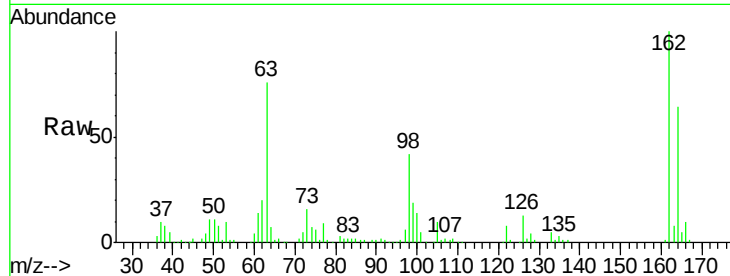




#29
 2,4-Dichlorophenol
 Concen: 37.96 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

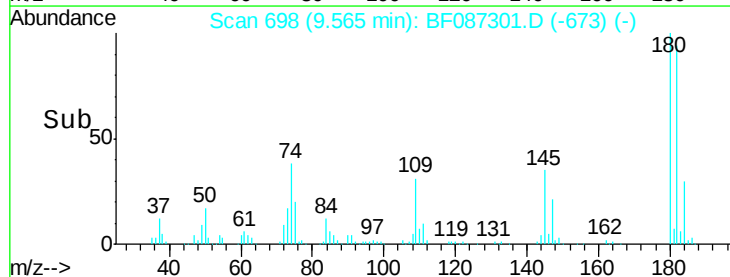
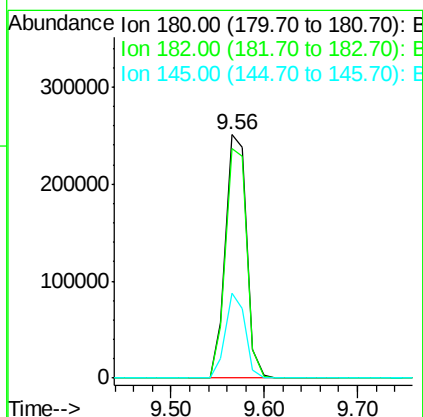
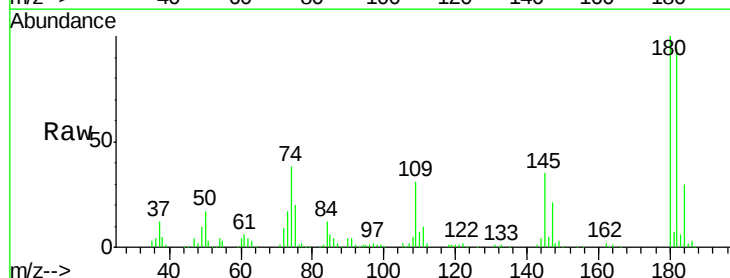
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

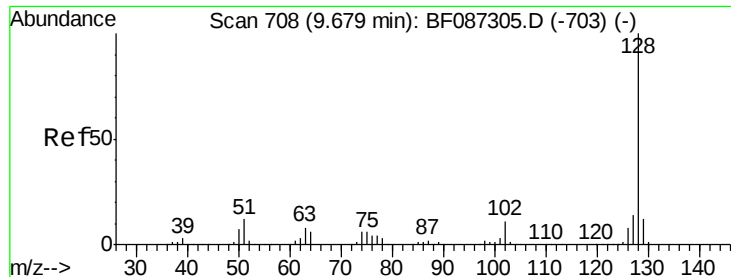
Tgt Ion:162 Resp: 355189
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.2 82.2
 98 42.2 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.27 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion:180 Resp: 398660
 Ion Ratio Lower Upper
 180 100
 182 94.1 78.0 117.0
 145 34.7 24.2 36.2

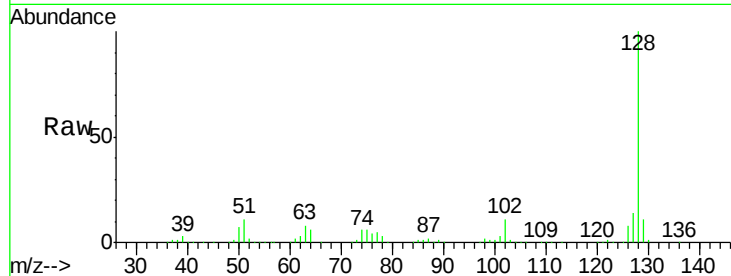




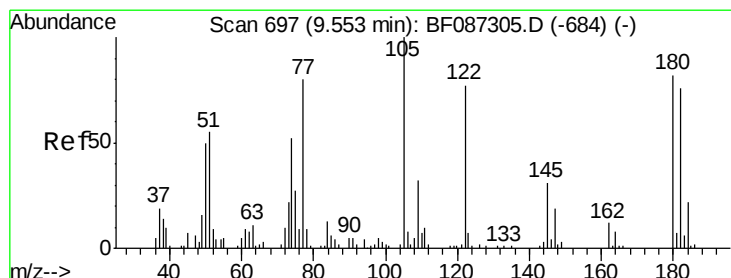
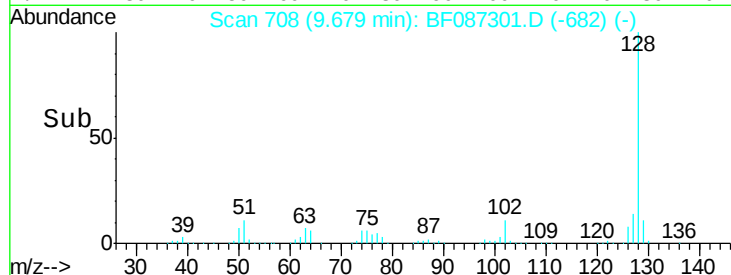
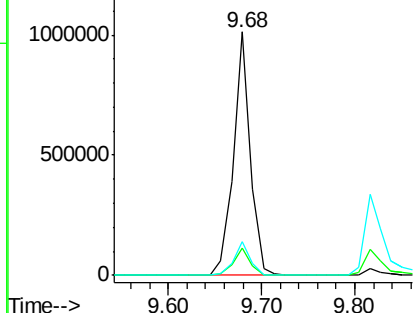
#31
Naphthalene
Concen: 38.35 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1282619
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.6 10.8 16.2

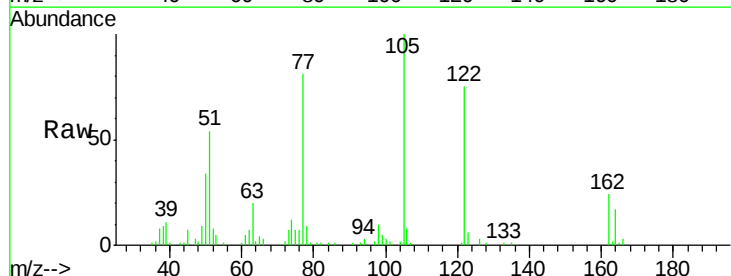


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

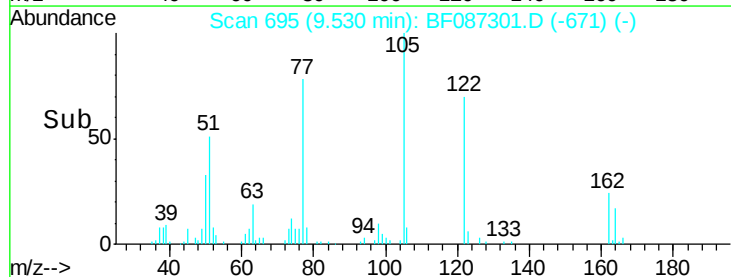
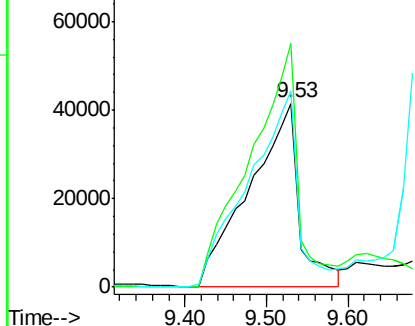


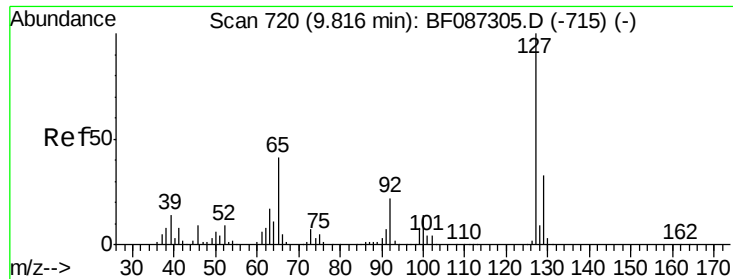
#32
Benzoic acid
Concen: 29.10 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:122 Resp: 176901
Ion Ratio Lower Upper
122 100
105 132.6 92.6 132.6#
77 107.1 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

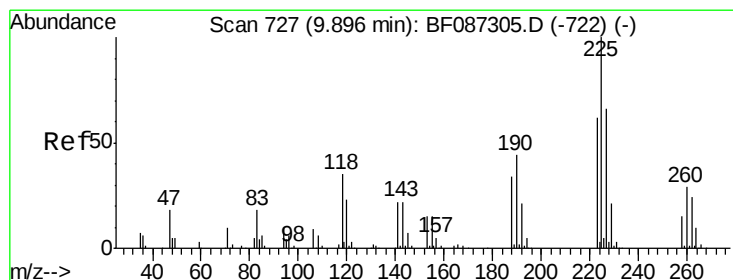
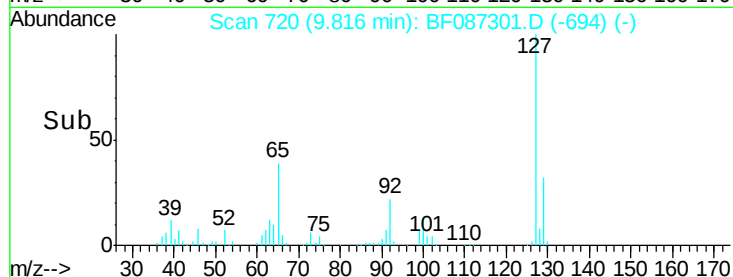
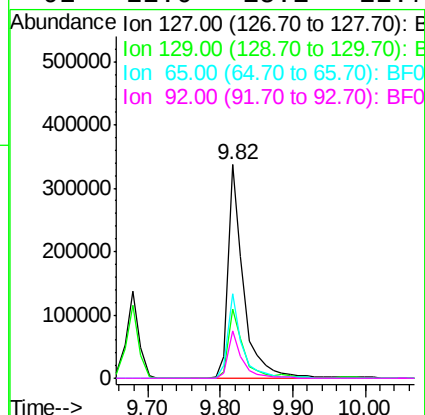
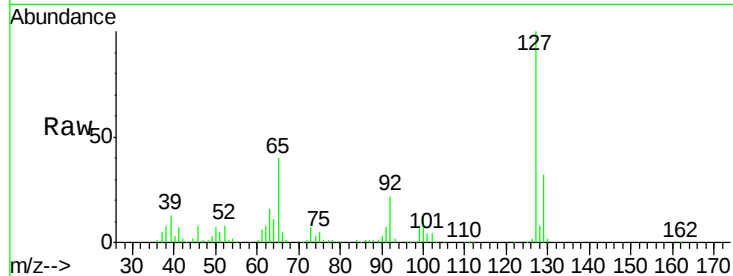




#33
4-Chloroaniline
Concen: 36.02 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

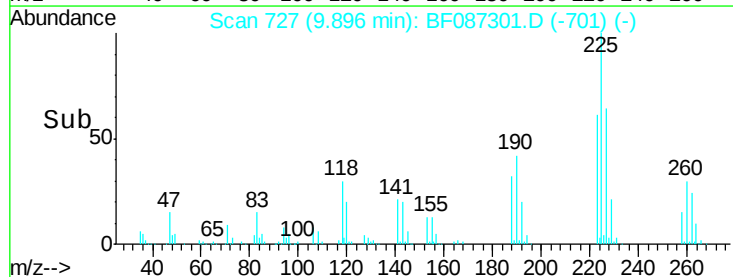
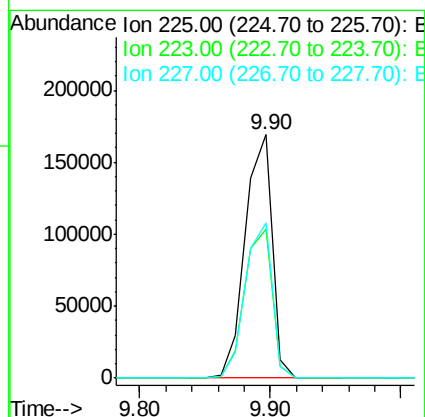
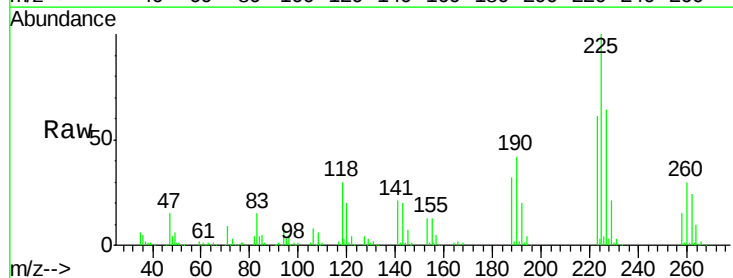
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

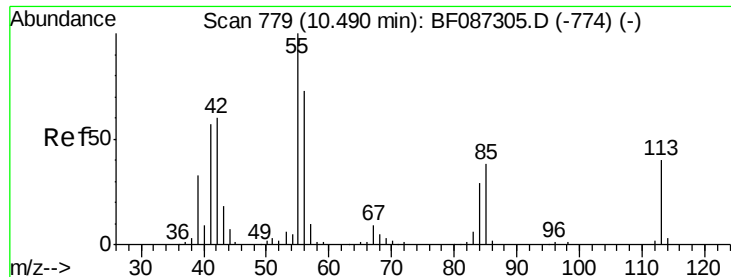
Tgt Ion:	127	Resp:	490712
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	39.9	23.0	34.4
92	22.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.51 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:	225	Resp:	242101
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.5	77.3
227	63.5	52.2	78.2





#35

Caprolactam

Concen: 30.42 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

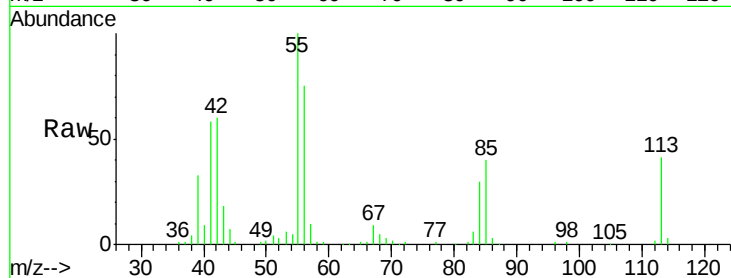
Tgt Ion:113 Resp: 89717

Ion Ratio Lower Upper

113 100

55 246.3 162.0 202.0#

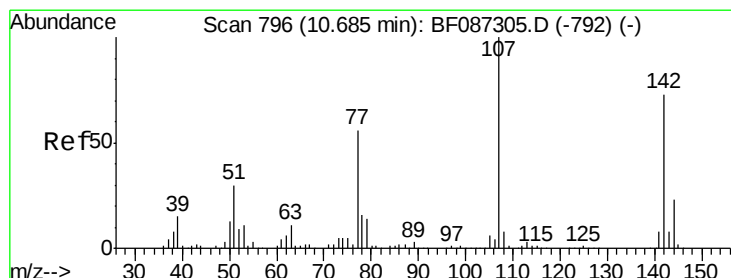
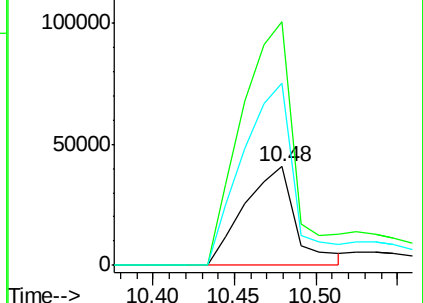
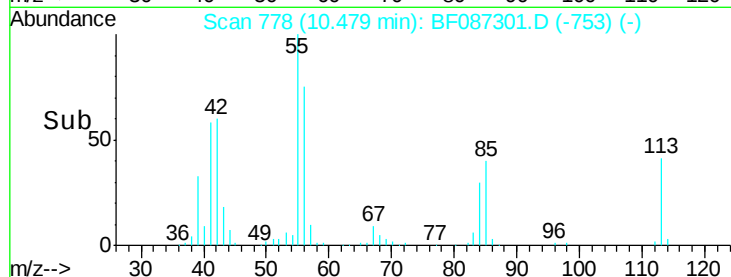
56 184.7 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.90 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

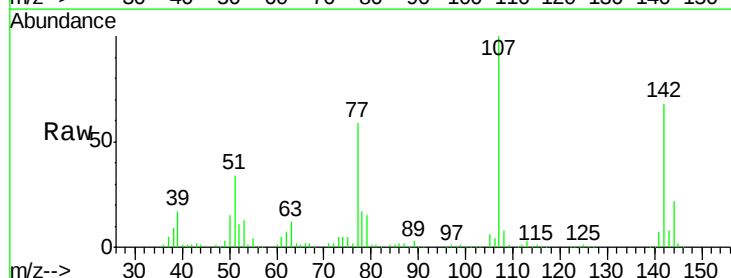
Tgt Ion:107 Resp: 413374

Ion Ratio Lower Upper

107 100

144 21.9 20.7 31.1

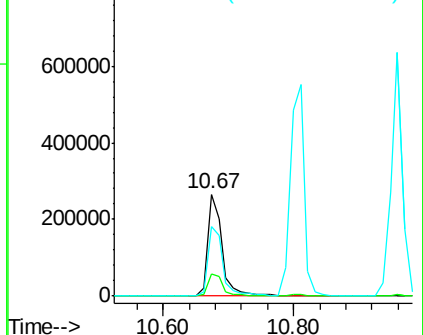
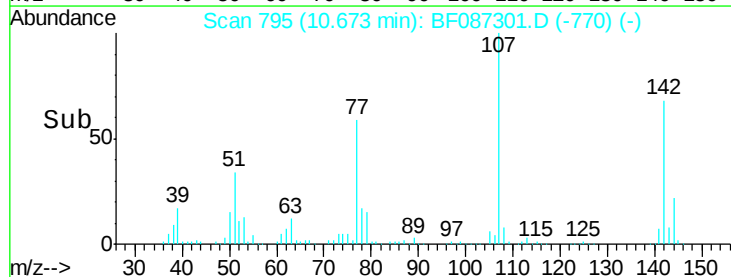
142 68.3 63.2 94.8

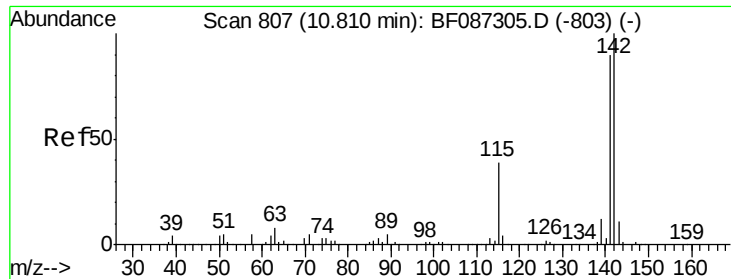


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

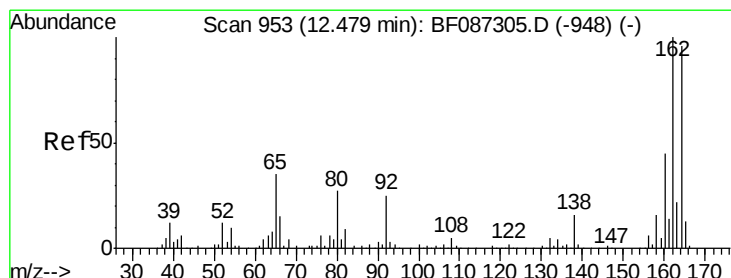
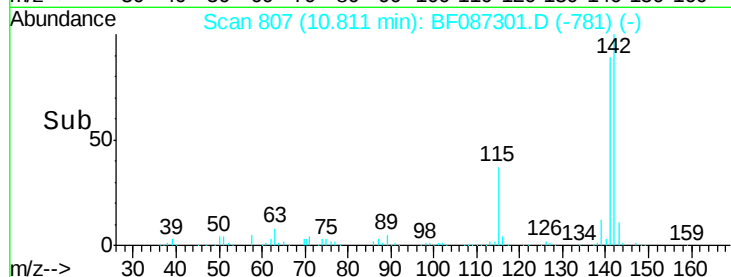
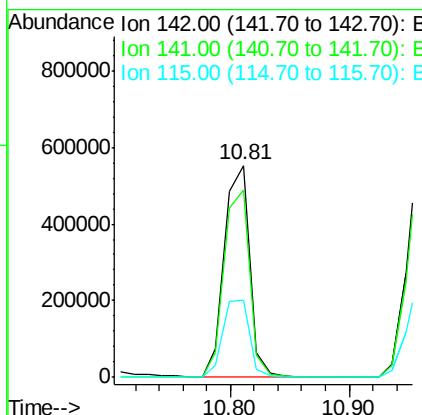
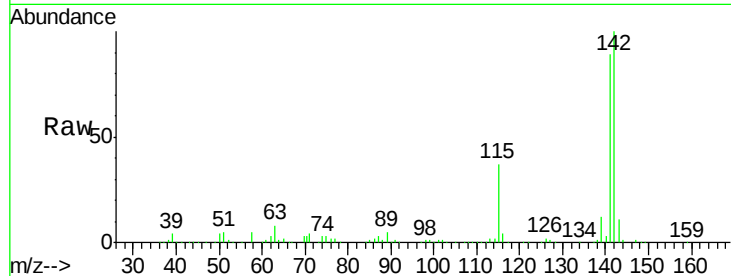




#37
 2-Methylnaphthalene
 Concen: 38.24 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

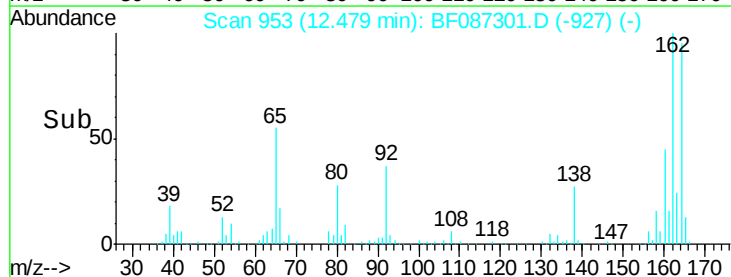
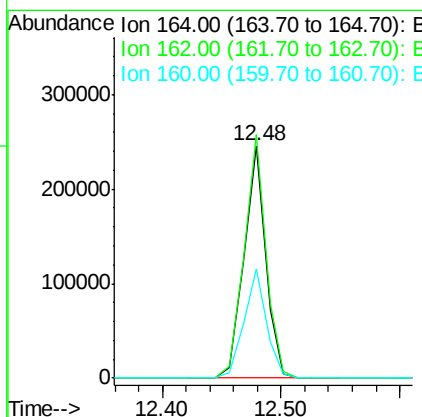
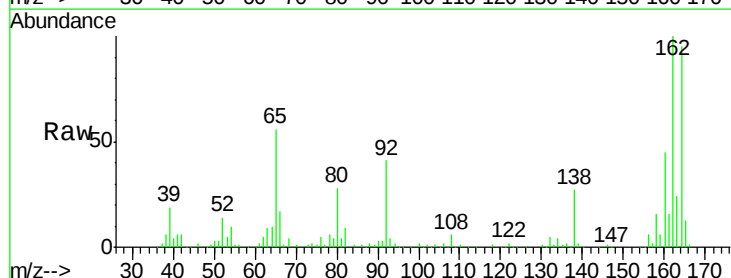
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

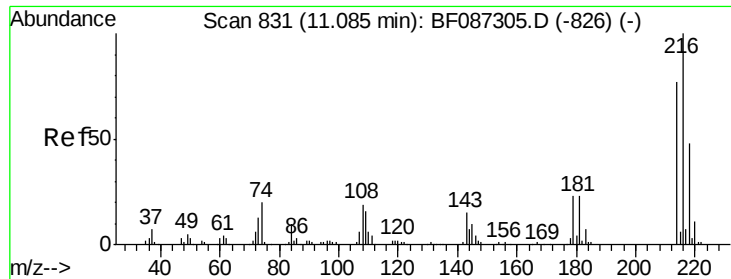
Tgt Ion:142 Resp: 818548
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6
 115 36.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion:164 Resp: 314725
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.8 124.2
 160 47.2 36.9 55.3

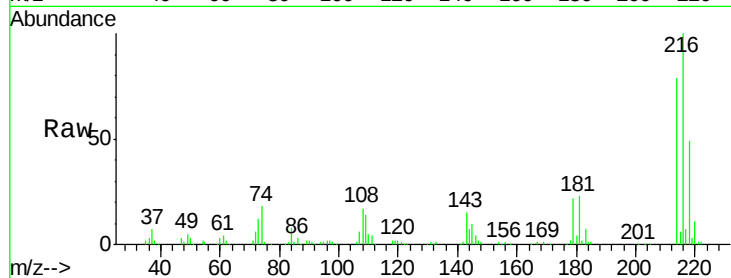




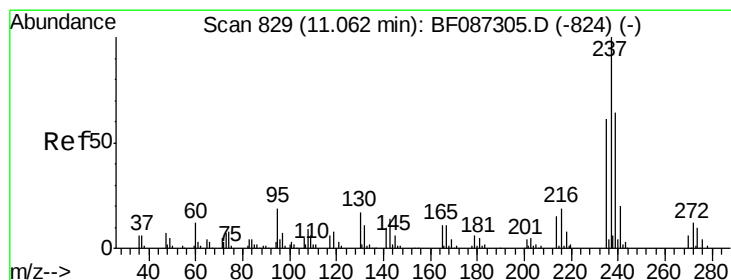
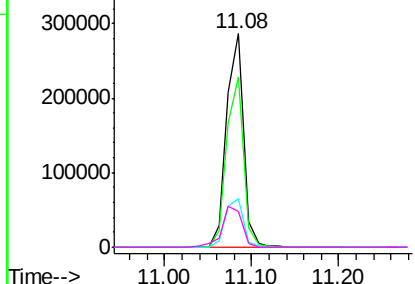
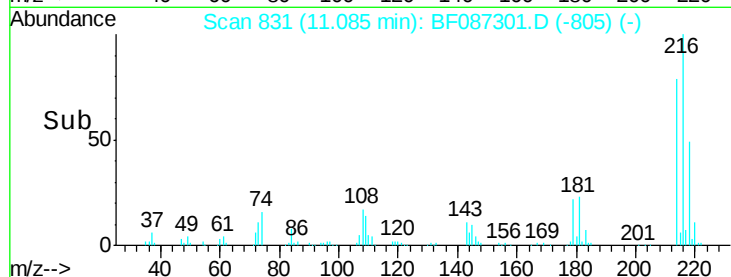
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.29 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 216 Resp: 388991
 Ion Ratio Lower Upper
 216 100
 214 79.4 62.6 93.8
 179 24.0 18.2 27.4
 108 22.3 17.5 26.3

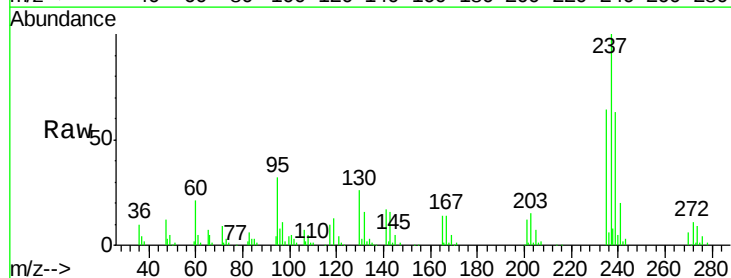


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

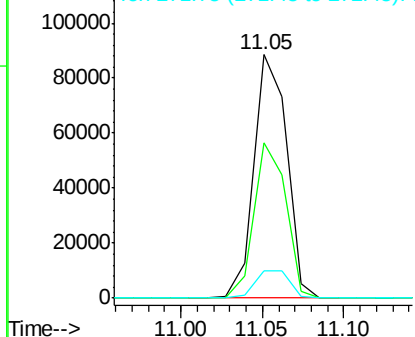
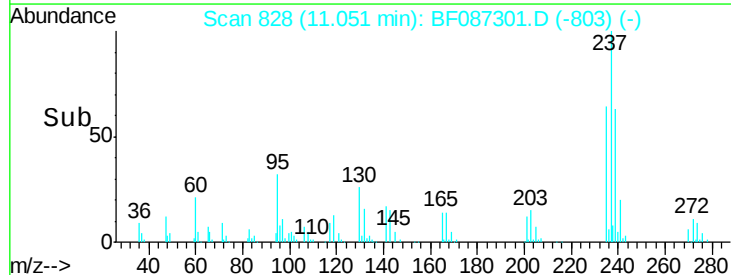


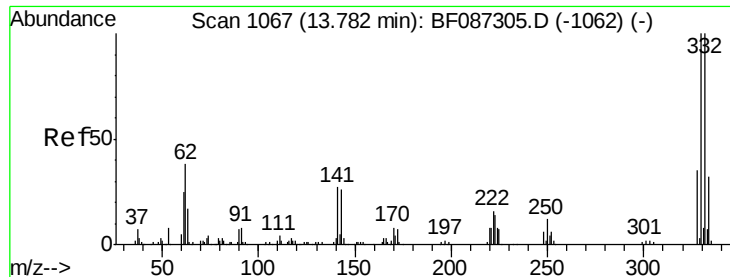
#40
 Hexachlorocyclopentadiene
 Concen: 42.25 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion: 237 Resp: 123403
 Ion Ratio Lower Upper
 237 100
 235 63.6 47.2 87.2
 272 11.1 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

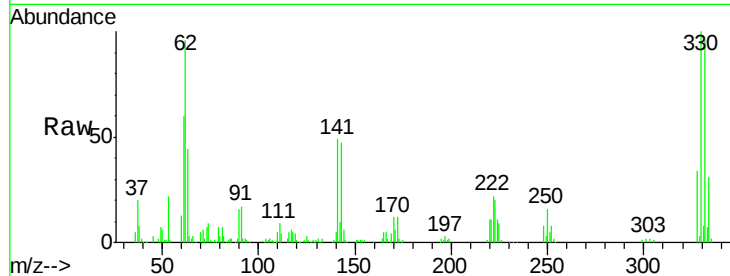




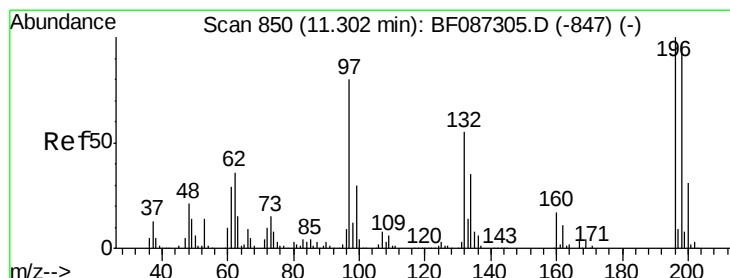
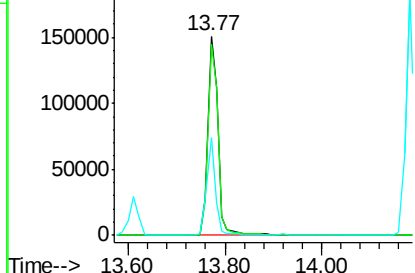
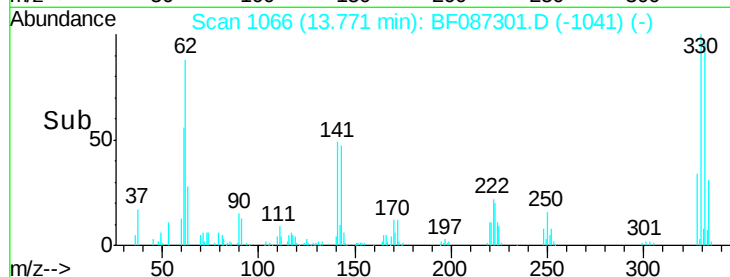
#41
 2,4,6-Tribromophenol
 Concen: 66.25 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	42.0	31.2	46.8

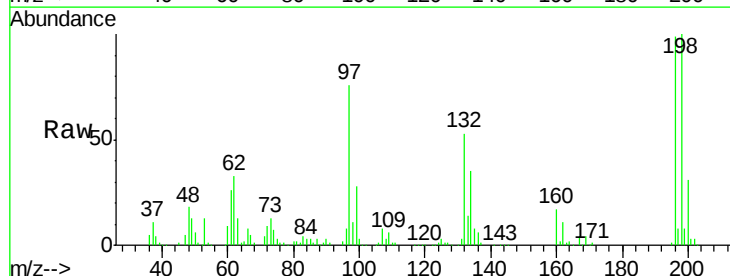


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

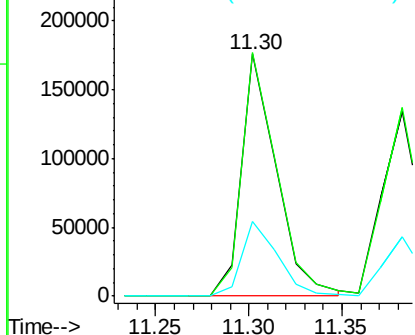
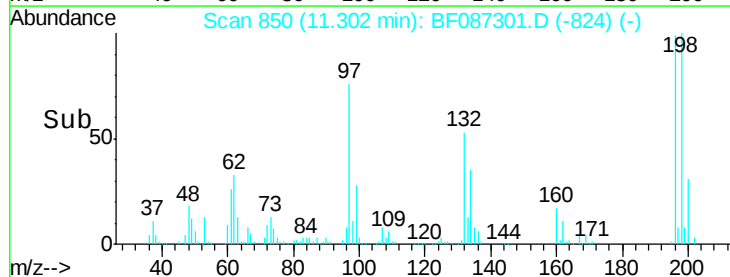


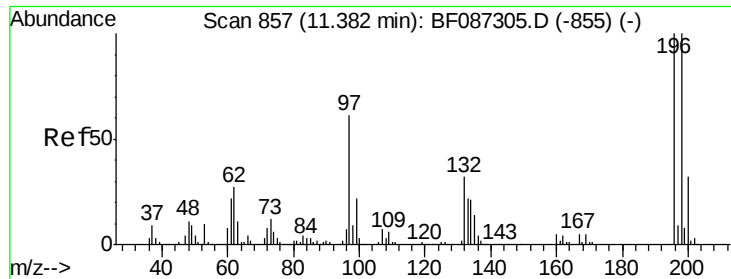
#42
 2,4,6-Trichlorophenol
 Concen: 38.54 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	74.7	112.1
200	30.8	23.8	35.6



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

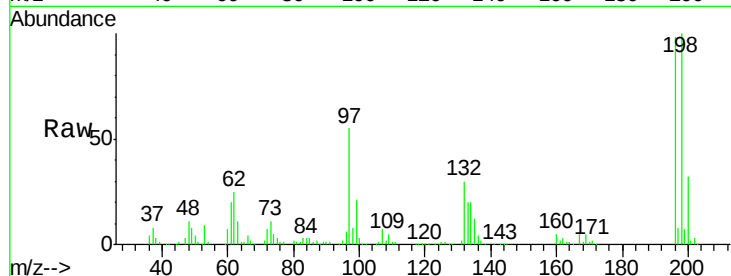




#43
 2,4,5-Trichlorophenol
 Concen: 38.42 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
196	236197		
196	100		
198	101.7	77.5	116.3
97	56.4	34.8	52.2
132	30.2	23.0	34.4



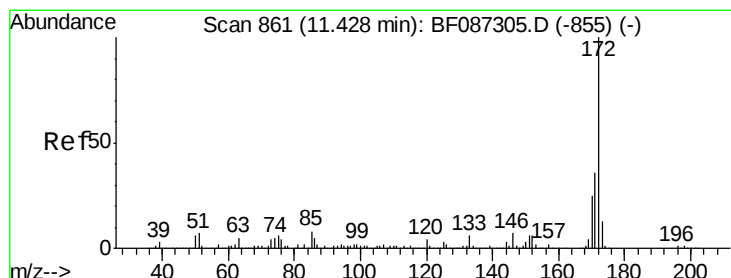
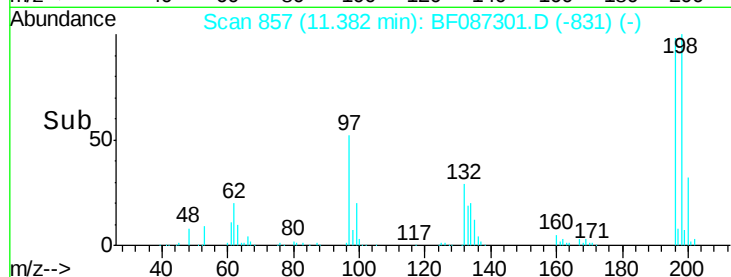
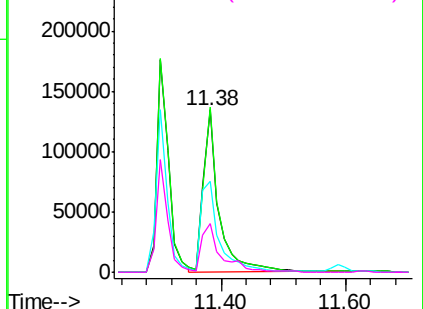
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

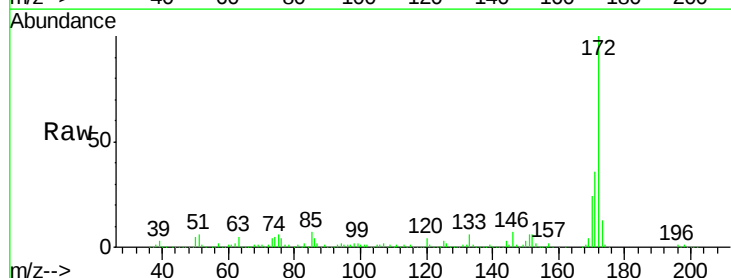
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.22 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion	Resp	Lower	Upper
172	1589932		
172	100		
171	36.3	29.0	43.6
170	24.3	19.8	29.8

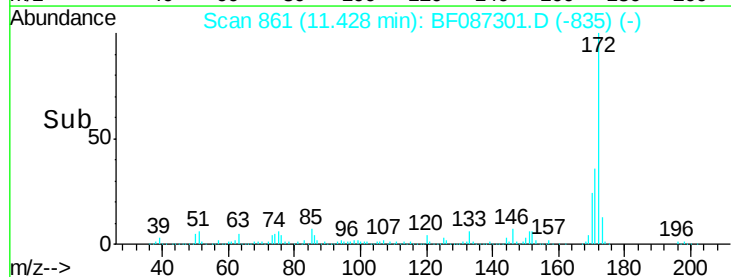
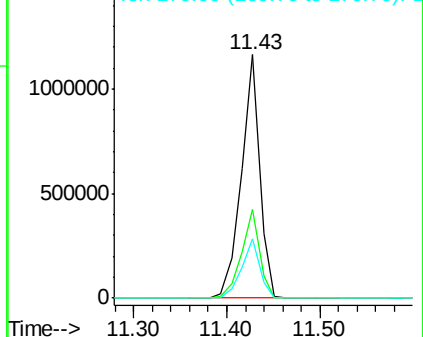


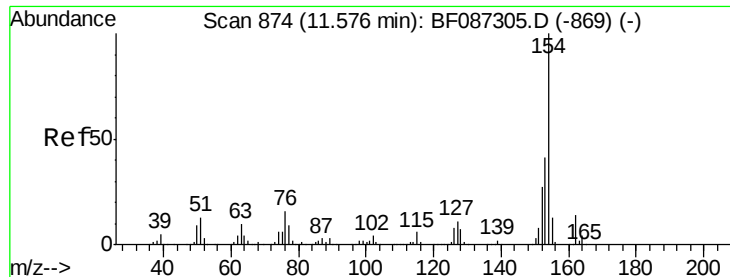
Abundance

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

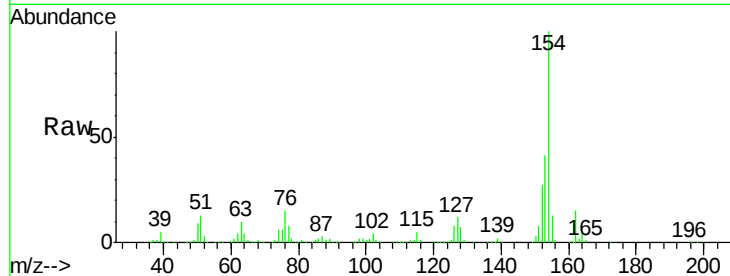




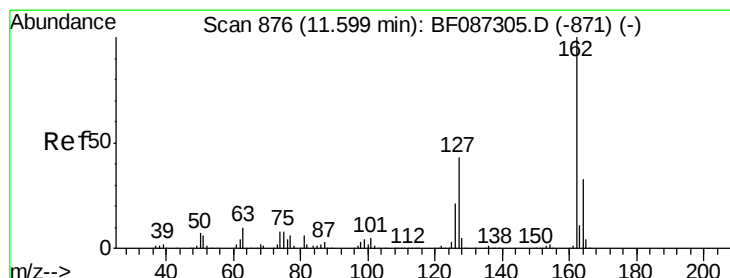
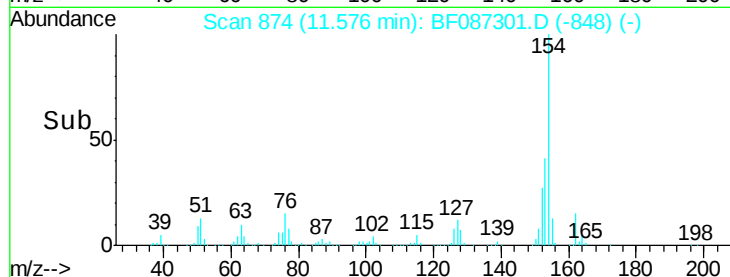
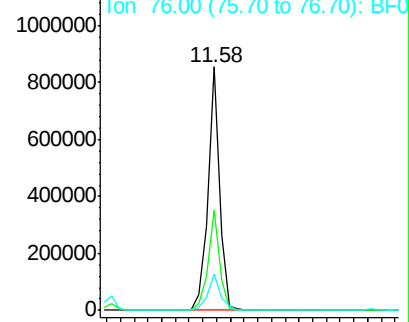
#45
 1,1'-Biphenyl
 Concen: 39.20 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1029122
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.3 60.3
 76 14.8 0.0 30.2

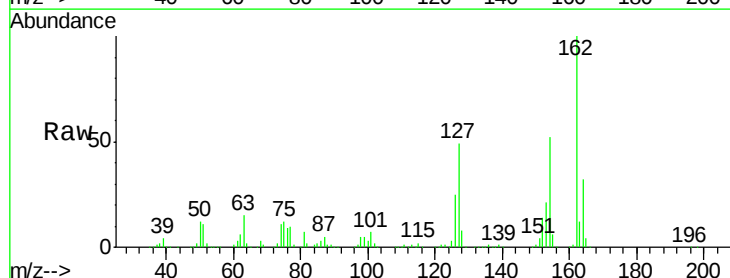


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

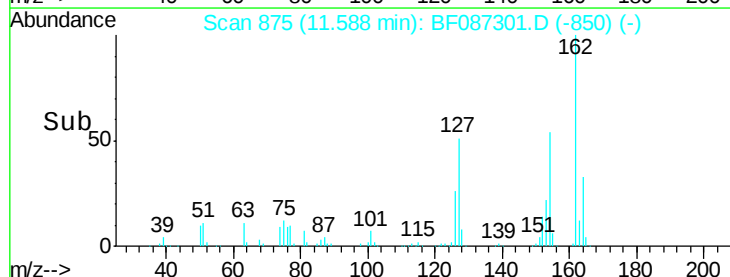
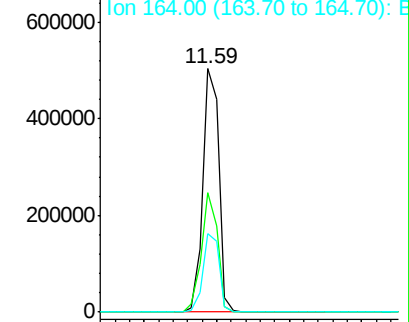


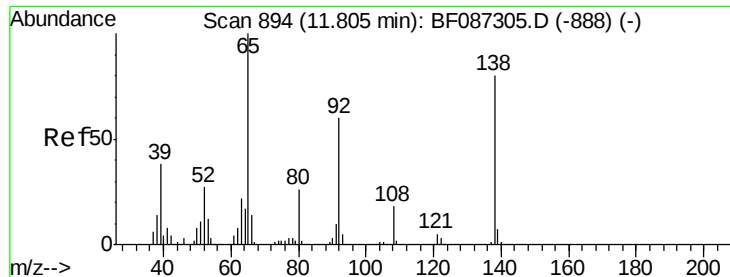
#46
 2-Chloronaphthalene
 Concen: 38.20 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion:162 Resp: 772296
 Ion Ratio Lower Upper
 162 100
 127 49.3 31.8 47.6#
 164 32.2 27.0 40.6



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





#47

2-Nitroaniline

Concen: 38.04 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

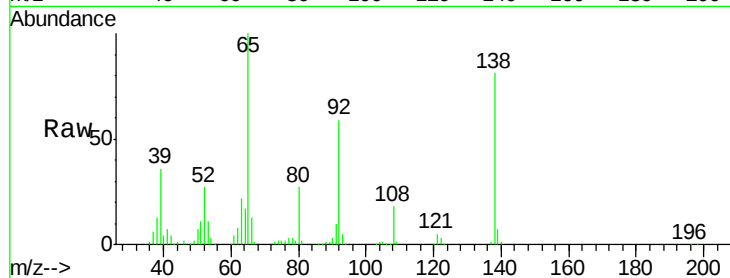
Tgt Ion: 65 Resp: 289916

Ion Ratio Lower Upper

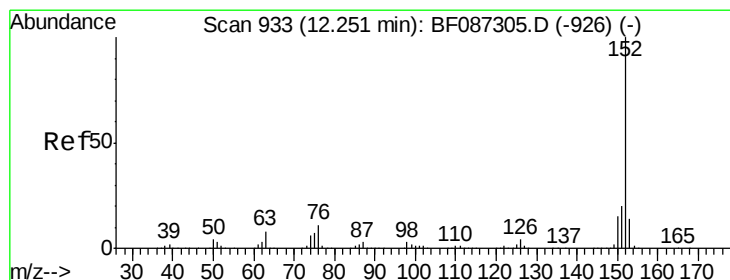
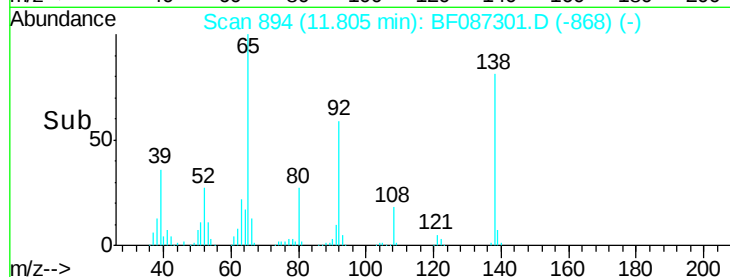
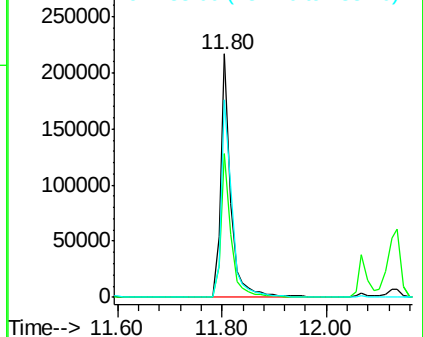
65 100

92 59.0 57.4 86.2

138 80.9 90.1 135.1#



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



#48

Acenaphthylene

Concen: 39.49 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

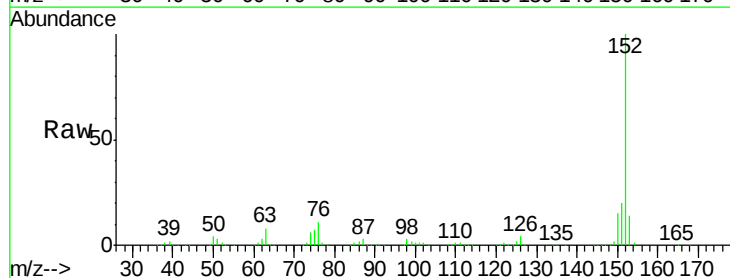
Tgt Ion: 152 Resp: 1228598

Ion Ratio Lower Upper

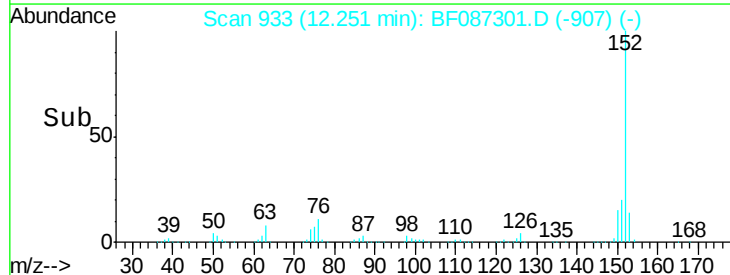
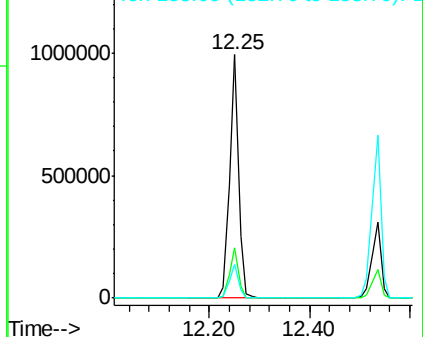
152 100

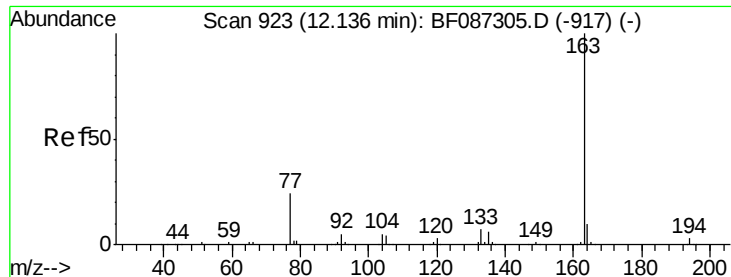
151 20.4 16.8 25.2

153 14.0 10.9 16.3



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





#49

Dimethylphthalate

Concen: 39.76 ng

RT: 12.14 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

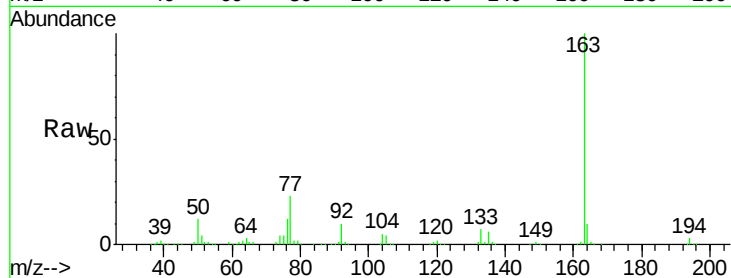
Tgt Ion:163 Resp: 963344

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

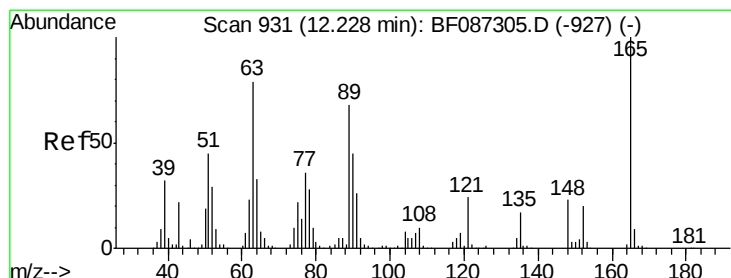
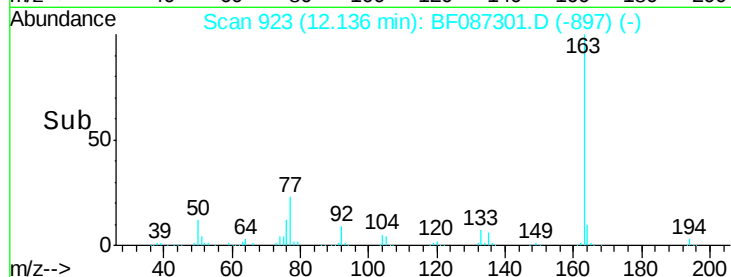
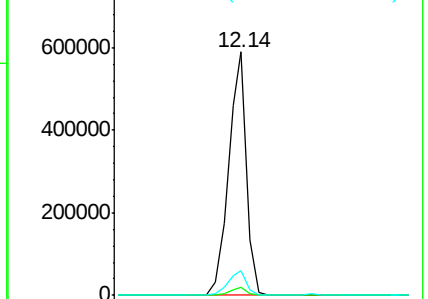
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.79 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

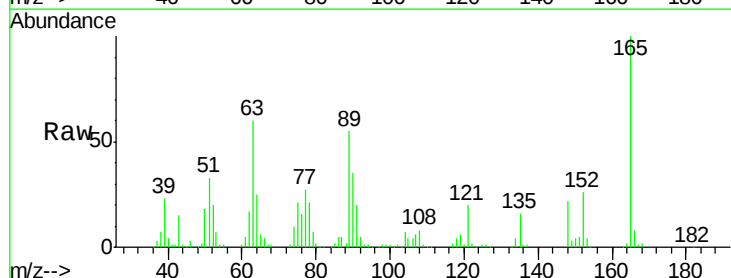
Tgt Ion:165 Resp: 209740

Ion Ratio Lower Upper

165 100

63 60.4 51.8 77.8

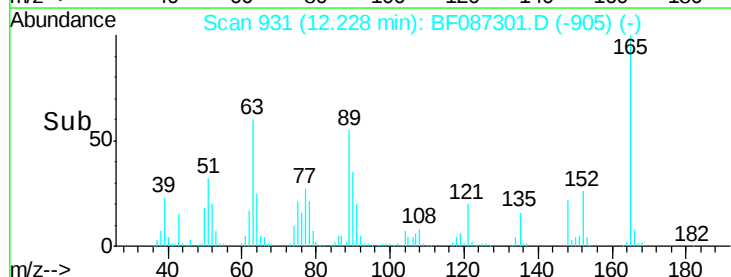
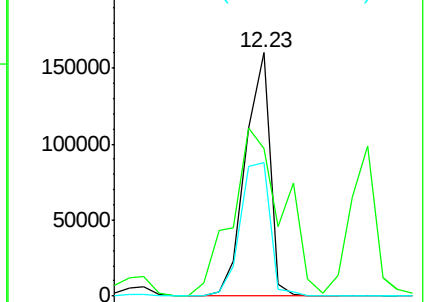
89 54.7 50.7 76.1

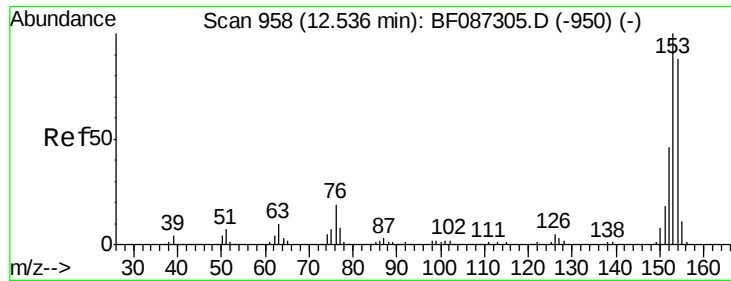


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.86 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

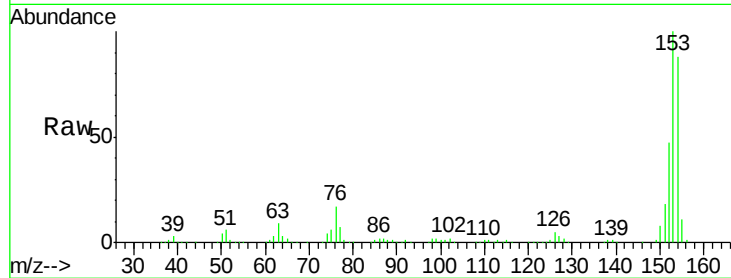
Tgt Ion:154 Resp: 753715

Ion Ratio Lower Upper

154 100

153 114.1 89.8 134.6

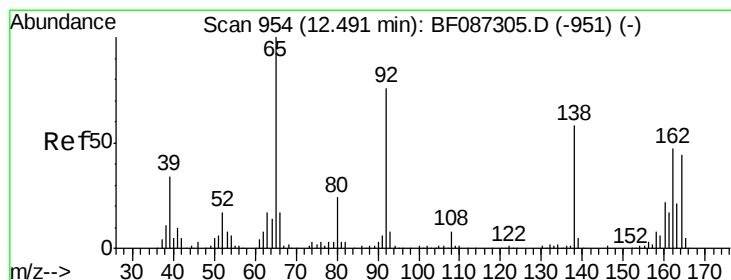
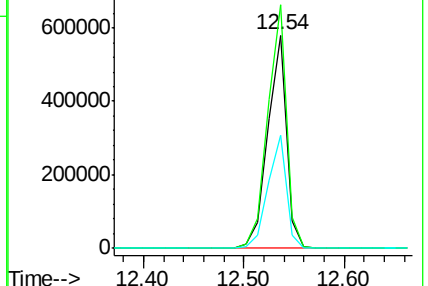
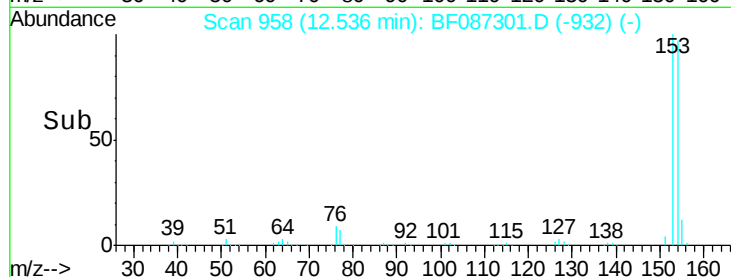
152 53.2 43.4 65.0



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: 37.72 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

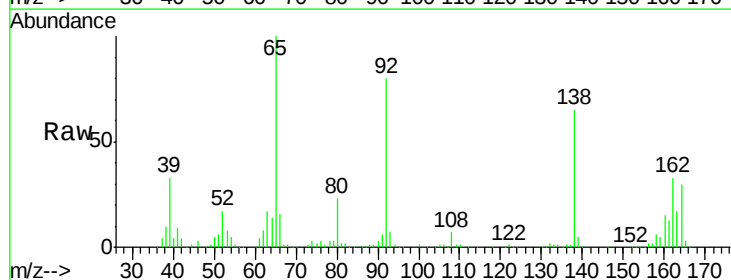
Tgt Ion:138 Resp: 209986

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.6

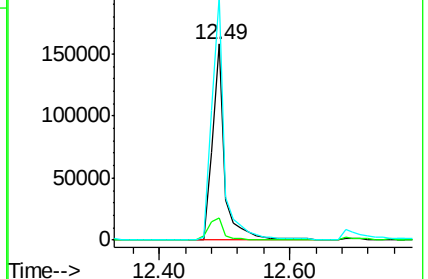
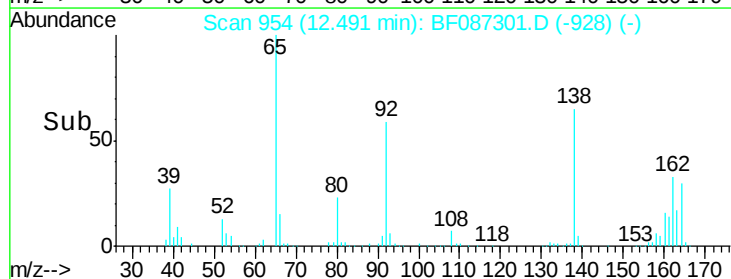
92 124.1 87.8 131.8

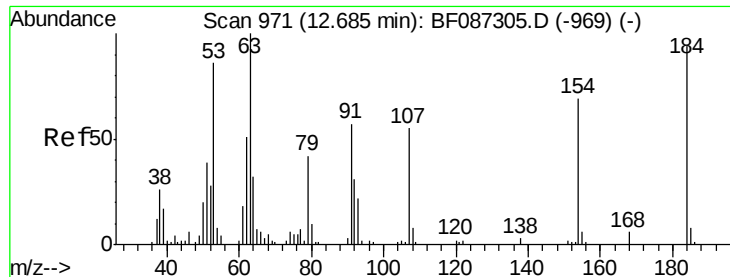


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

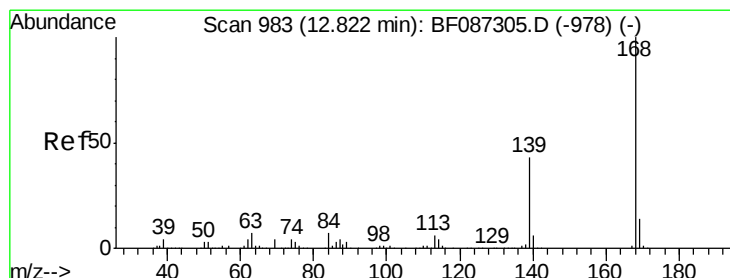
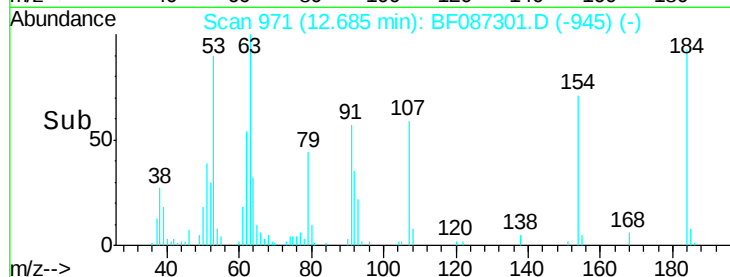
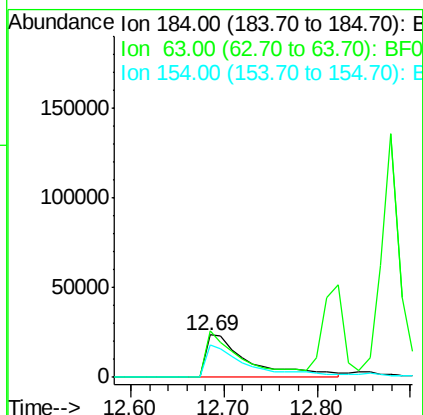
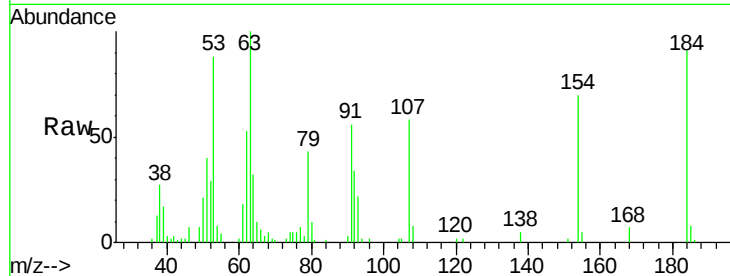




#53
2,4-Dinitrophenol
Concen: 30.52 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

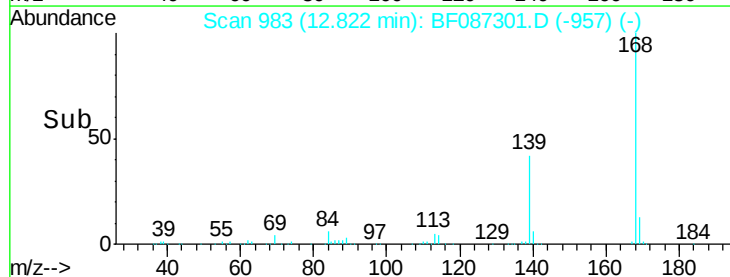
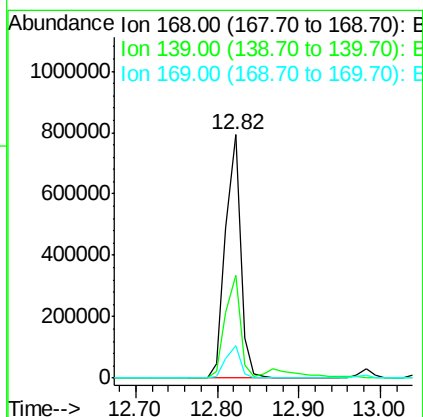
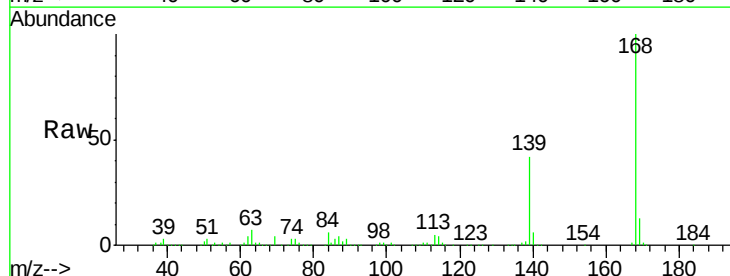
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

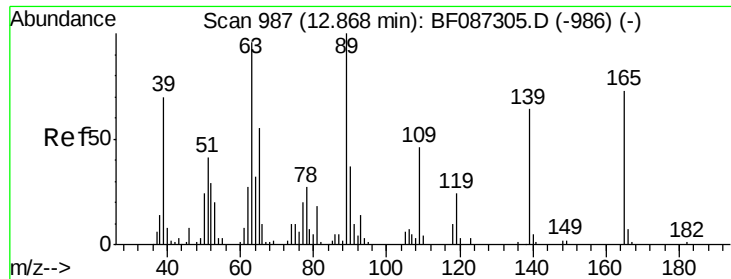
Tgt Ion:184 Resp: 77247
Ion Ratio Lower Upper
184 100
63 109.5 55.8 83.8#
154 76.7 62.4 93.6



#54
Dibenzofuran
Concen: 40.44 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:168 Resp: 1020417
Ion Ratio Lower Upper
168 100
139 42.0 31.4 47.0
169 13.4 10.7 16.1

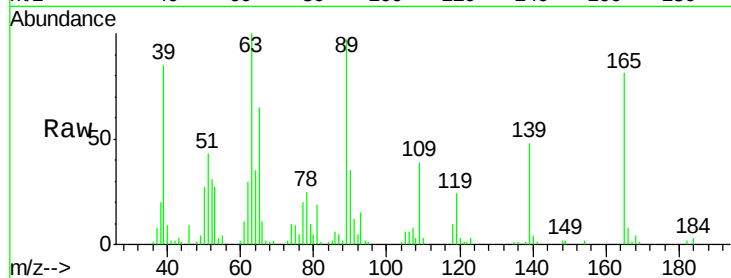




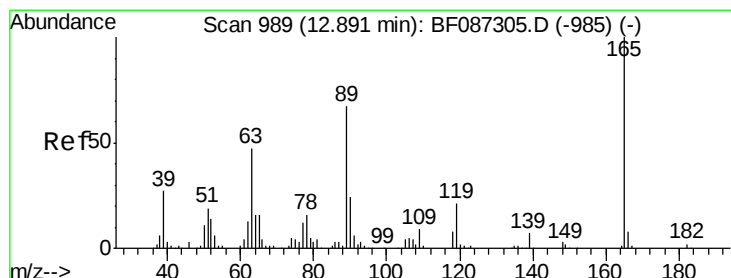
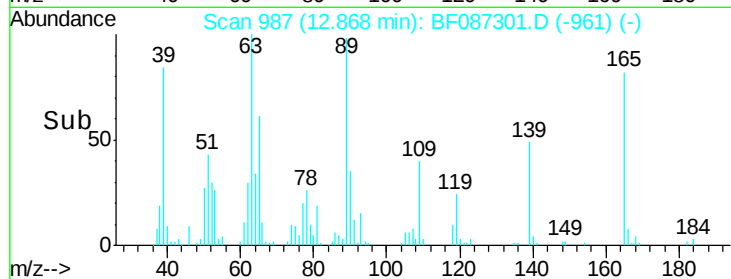
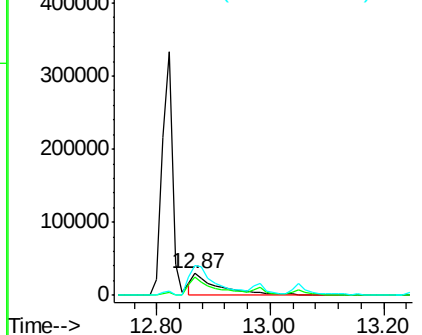
#55
4-Nitrophenol
Concen: 37.87 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 90261
Ion Ratio Lower Upper
139 100
109 81.5 36.9 76.9#
65 135.4 64.0 104.0#

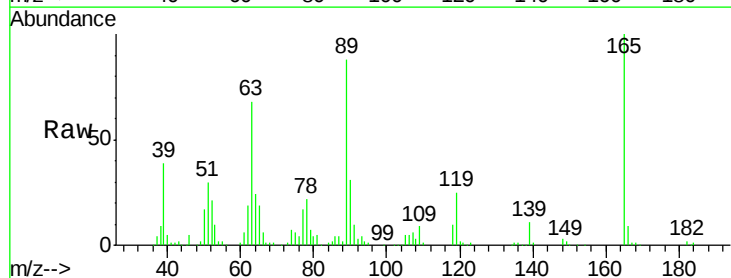


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

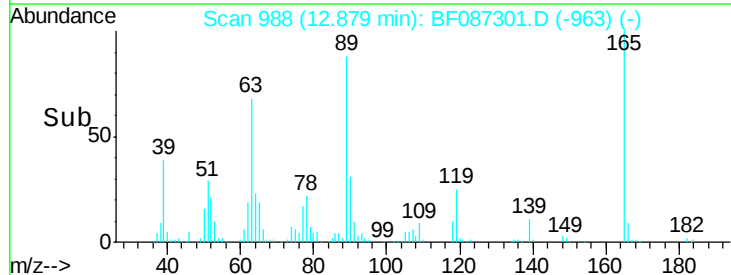
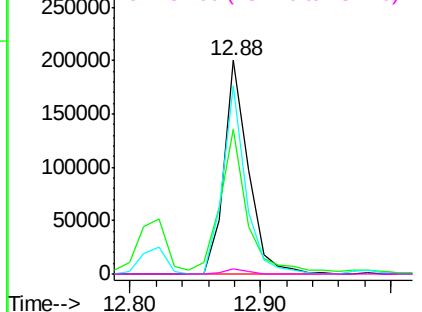


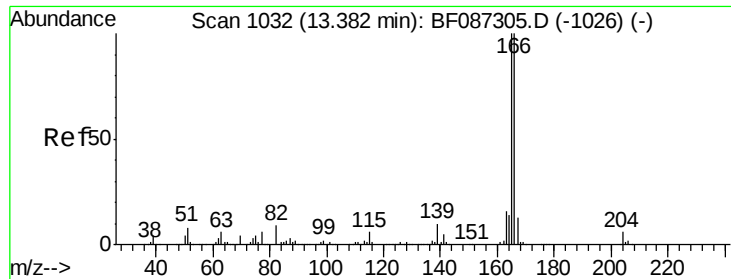
#56
2,4-Dinitrotoluene
Concen: 39.03 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:165 Resp: 261363
Ion Ratio Lower Upper
165 100
63 67.8 44.3 66.5#
89 88.0 70.0 105.0
182 2.2 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: 40.99 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

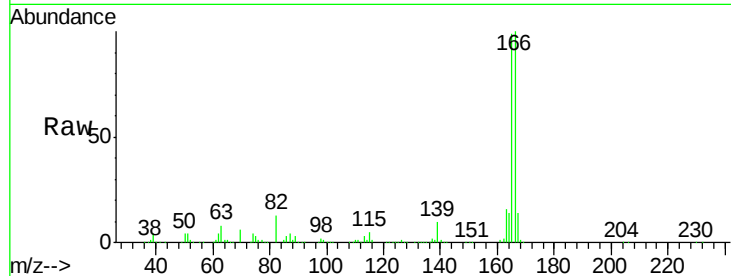
Tgt Ion:166 Resp: 847615

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

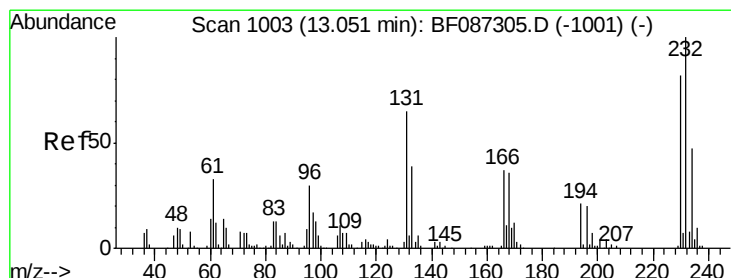
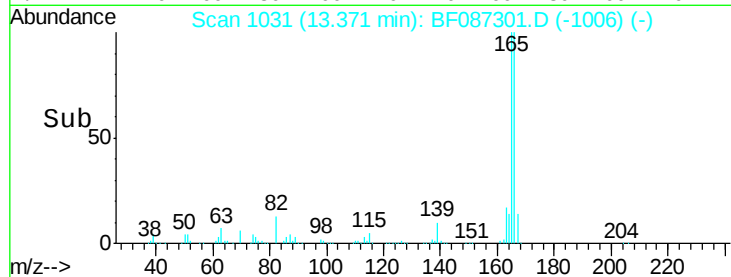
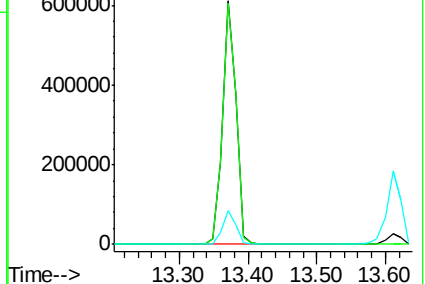
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.50 ng

RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Tgt Ion:232 Resp: 175550

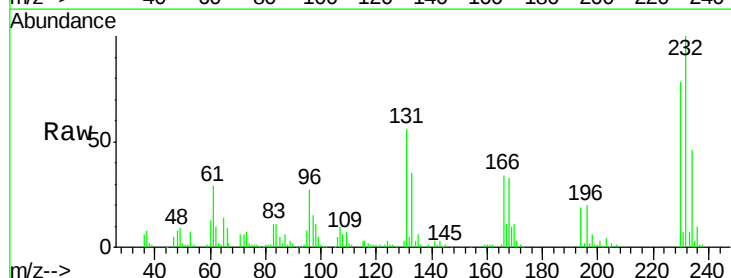
Ion Ratio Lower Upper

232 100

131 53.6 41.9 62.9

130 2.7 2.2 3.4

166 34.5 26.8 40.2

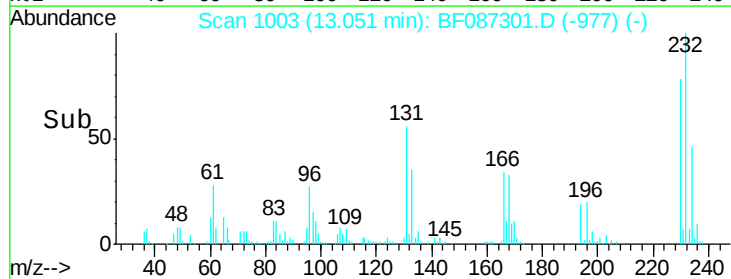
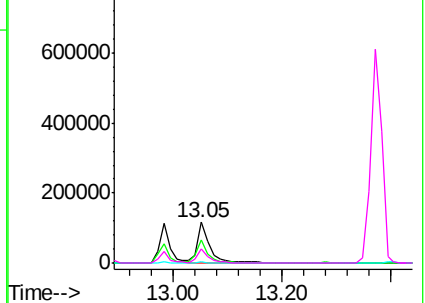


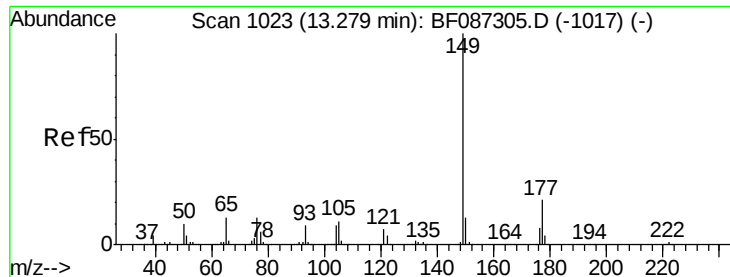
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

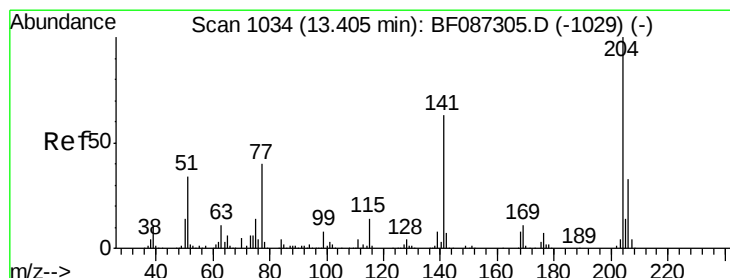
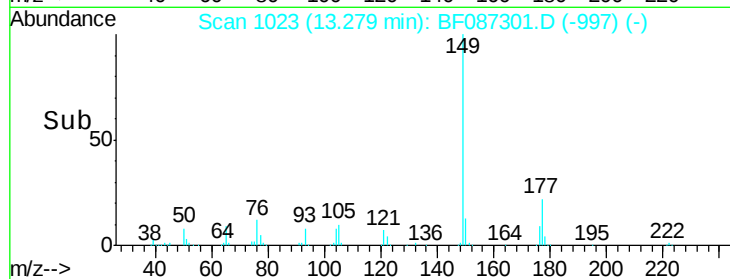
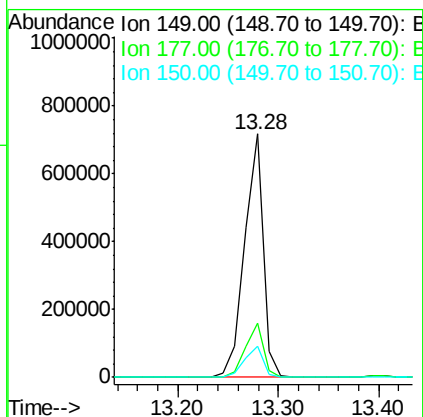
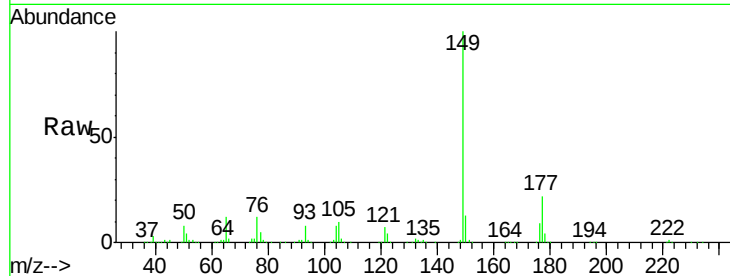




#59
Diethylphthalate
Concen: 40.55 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

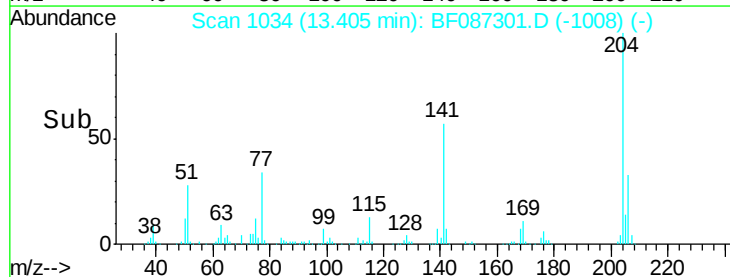
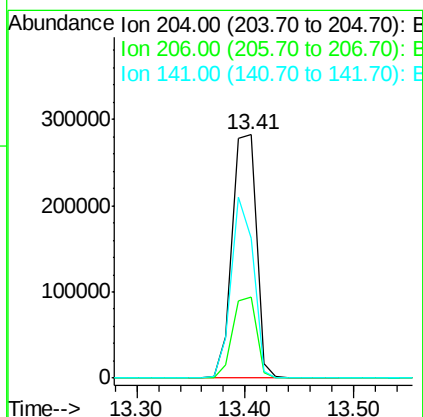
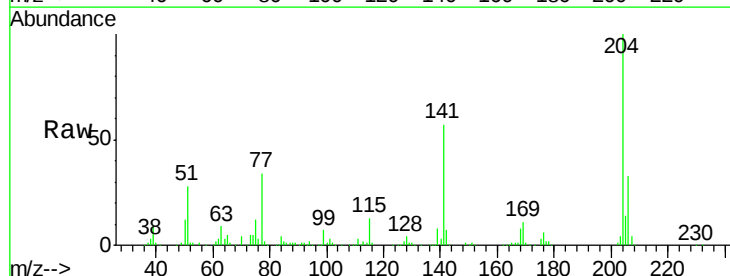
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

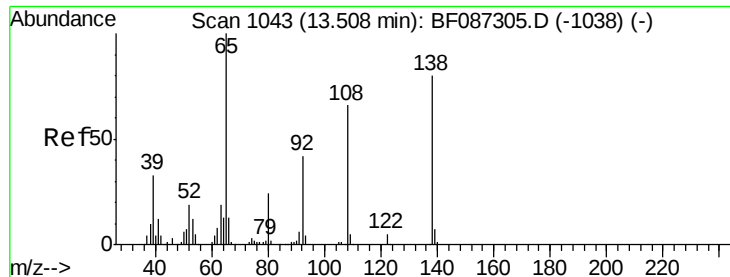
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	24.8
150	12.6	10.0	15.0



#60
4-Chlorophenyl-phenylether
Concen: 45.17 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.4	38.0
141	57.5	61.6	92.4

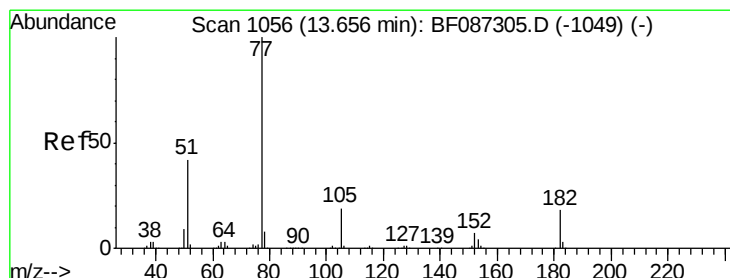
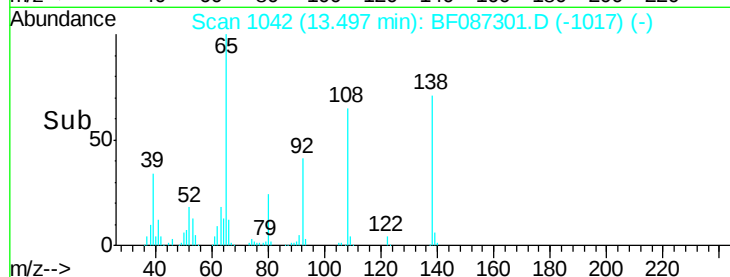
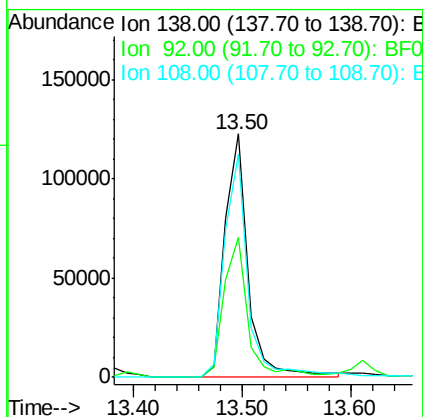
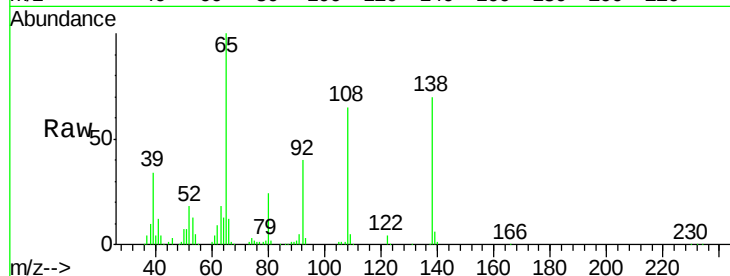




#61
4-Nitroaniline
Concen: 33.67 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

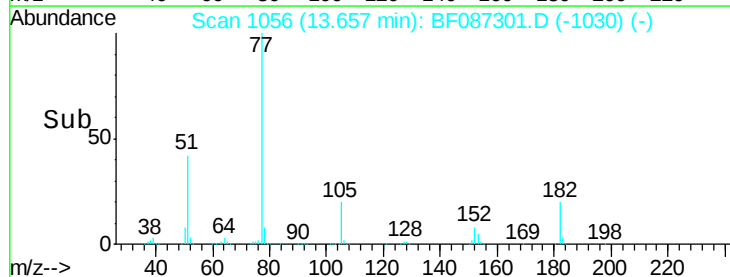
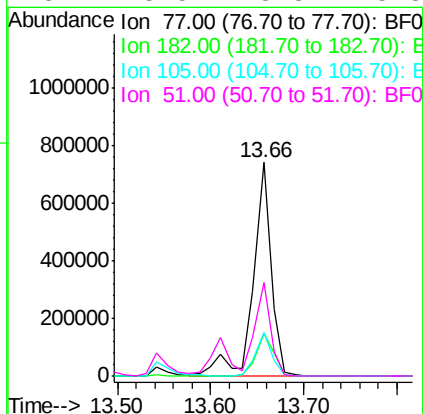
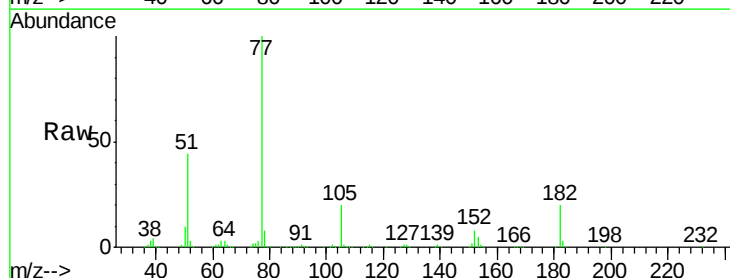
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

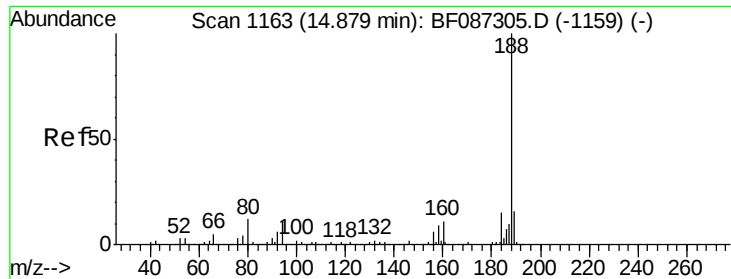
Tgt Ion:138 Resp: 182679
Ion Ratio Lower Upper
138 100
92 57.3 24.7 64.7
108 91.7 37.4 77.4#



#62
Azobenzene
Concen: 37.72 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion: 77 Resp: 993295
Ion Ratio Lower Upper
77 100
182 19.8 0.0 38.8
105 20.2 3.2 43.2
51 43.5 8.8 48.8

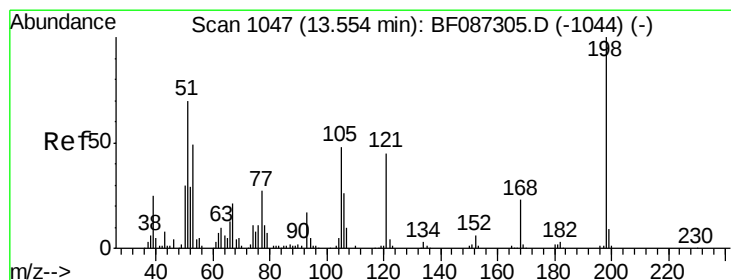
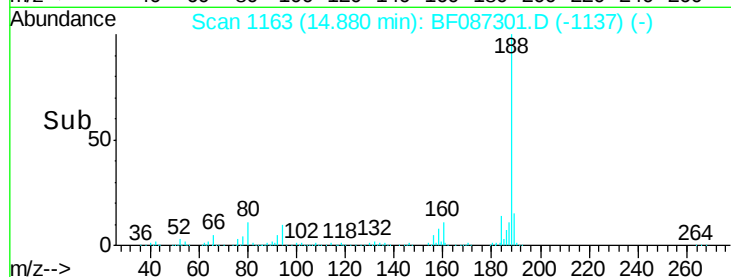
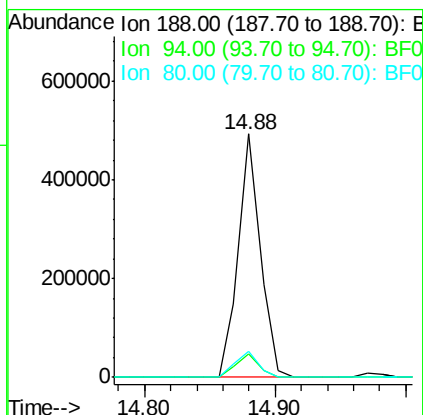
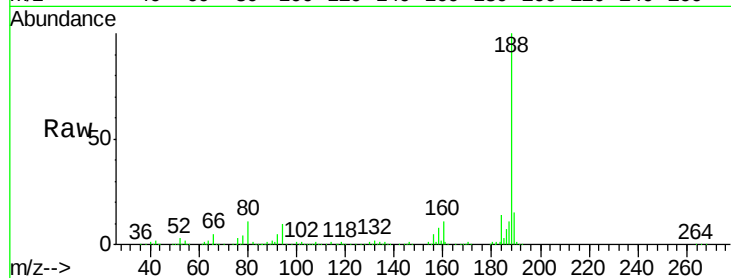




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

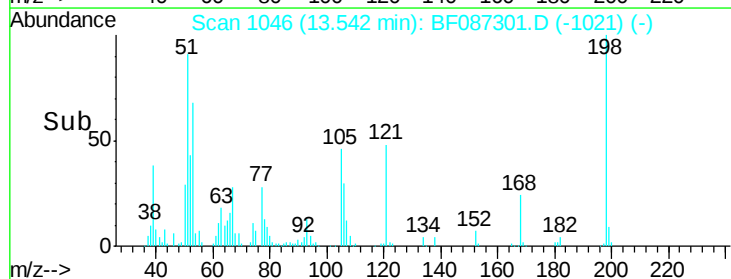
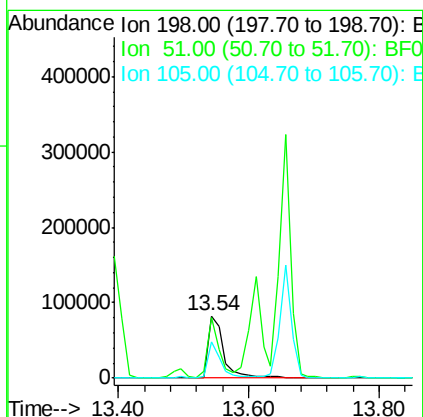
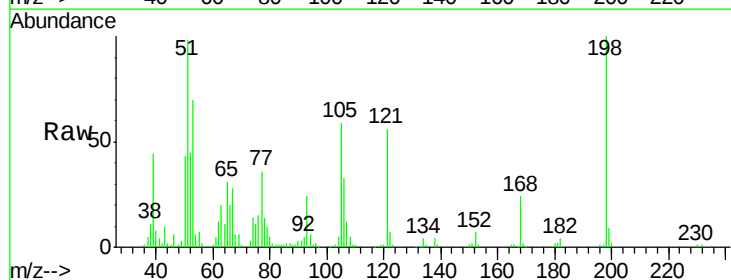
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

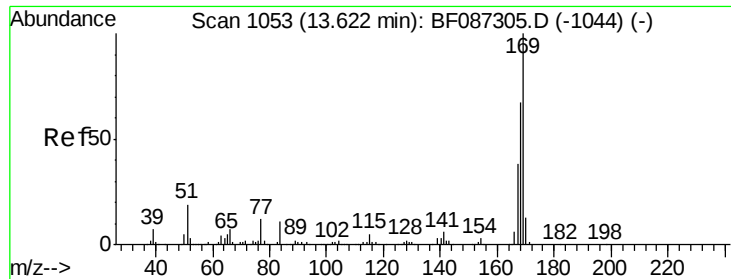
Tgt Ion:188 Resp: 580817
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.7 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 36.62 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:198 Resp: 139984
Ion Ratio Lower Upper
198 100
51 97.8 20.5 60.5#
105 58.8 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 38.91 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

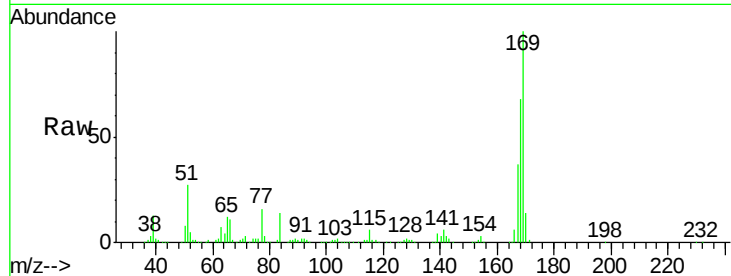
Tgt Ion:169 Resp: 711601

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

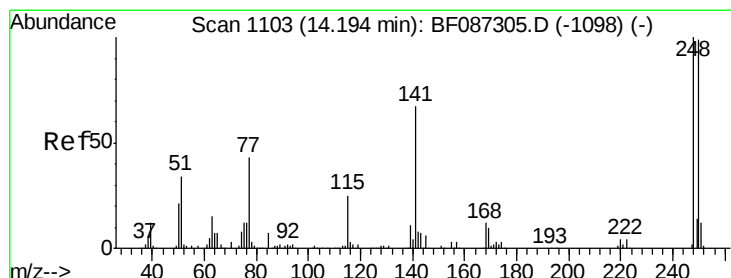
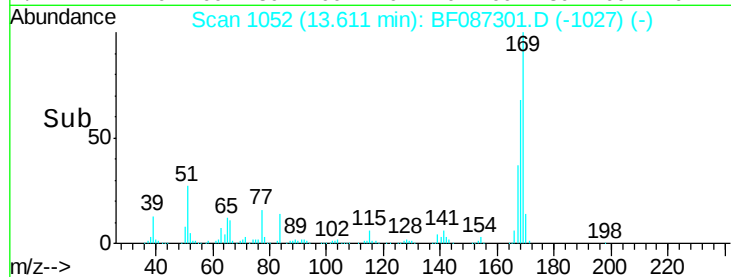
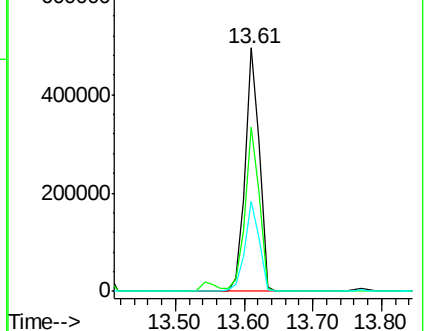
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.20 ng

RT: 14.18 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

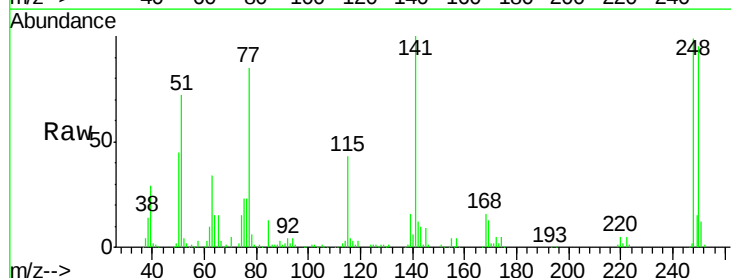
Tgt Ion:248 Resp: 239672

Ion Ratio Lower Upper

248 100

250 95.8 78.6 117.8

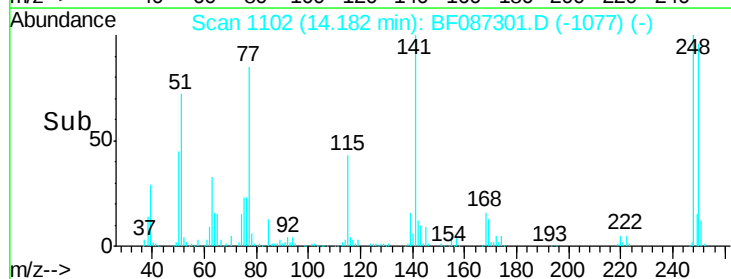
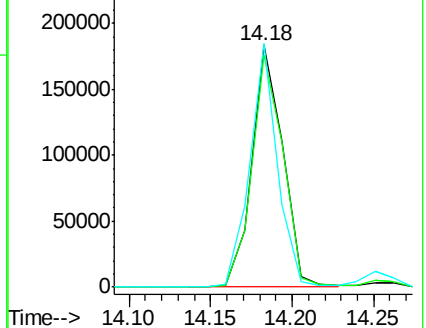
141 100.5 76.0 114.0

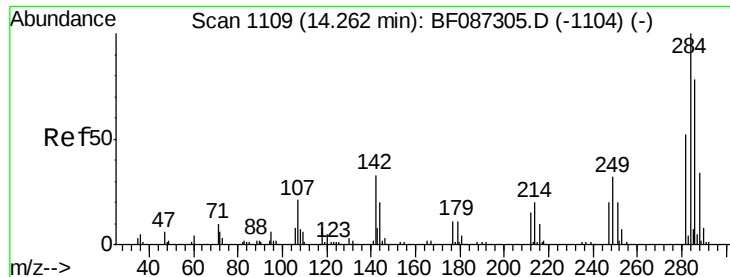


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

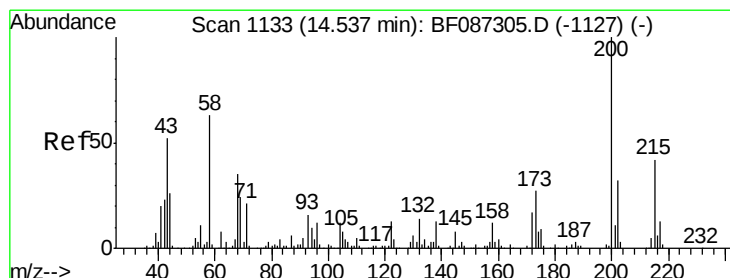
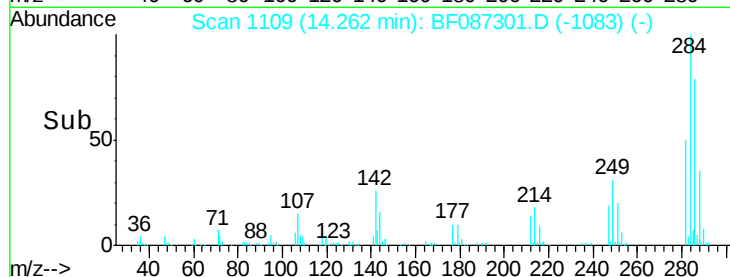
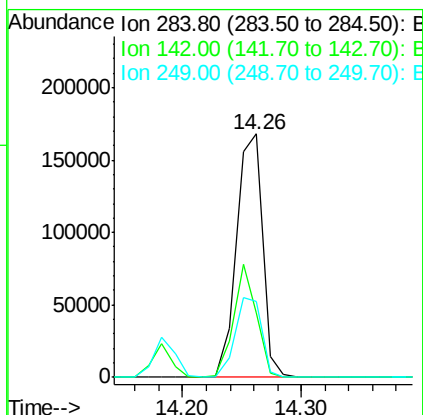
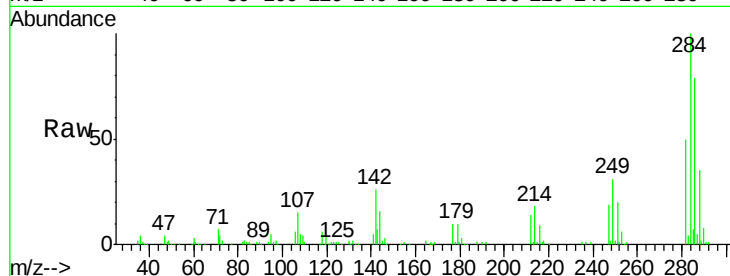




#67
Hexachlorobenzene
Concen: 37.57 ng
RT: 14.26 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

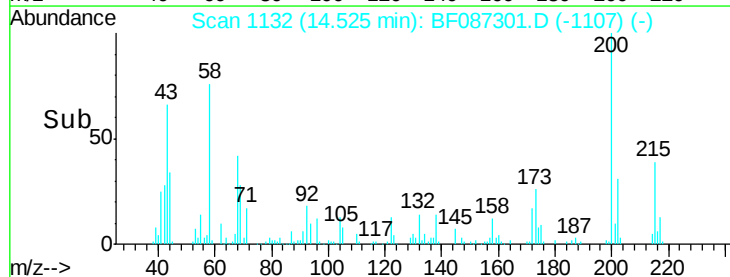
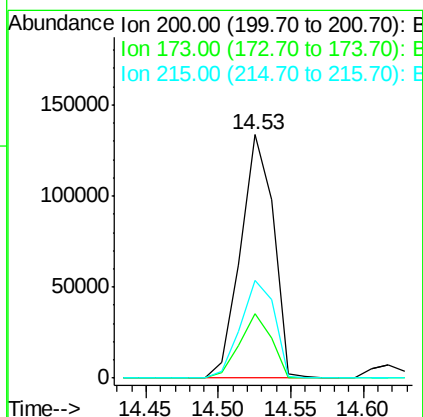
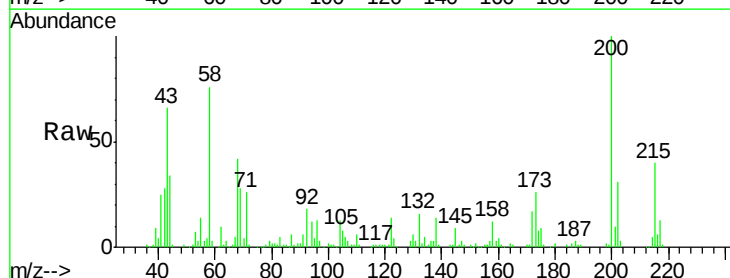
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

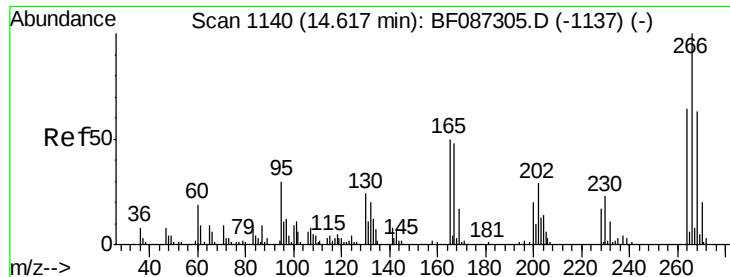
Tgt Ion:284 Resp: 256766
Ion Ratio Lower Upper
284 100
142 26.4 16.7 25.1#
249 31.3 21.3 31.9



#68
Atrazine
Concen: 35.30 ng
RT: 14.53 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:200 Resp: 210043
Ion Ratio Lower Upper
200 100
173 26.3 8.5 48.5
215 40.0 27.2 67.2

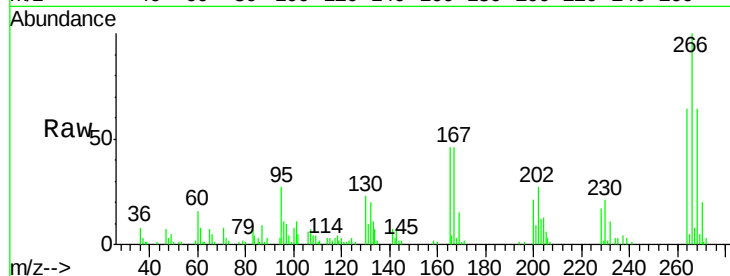




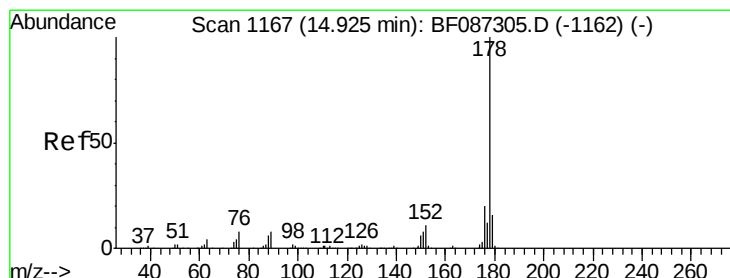
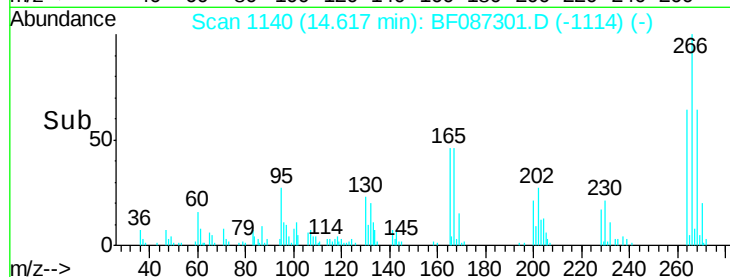
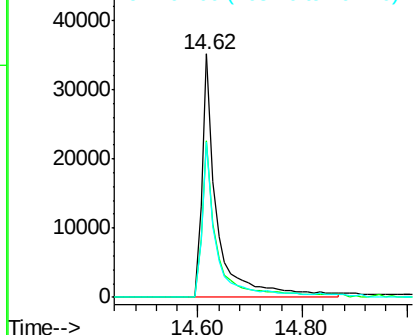
#69
 Pentachlorophenol
 Concen: 29.09 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 71508
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.5 77.3
 264 63.6 52.9 79.3

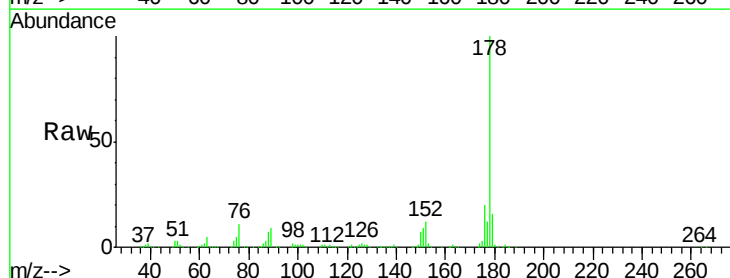


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

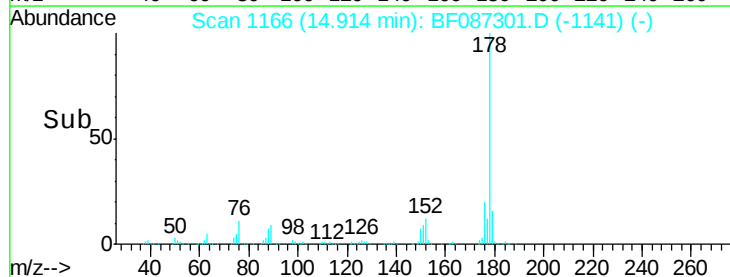
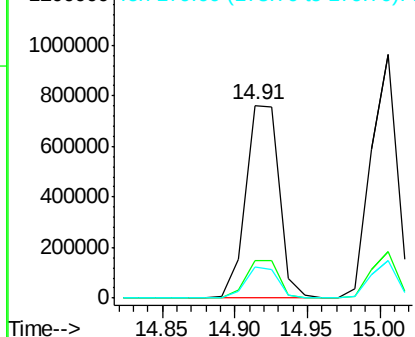


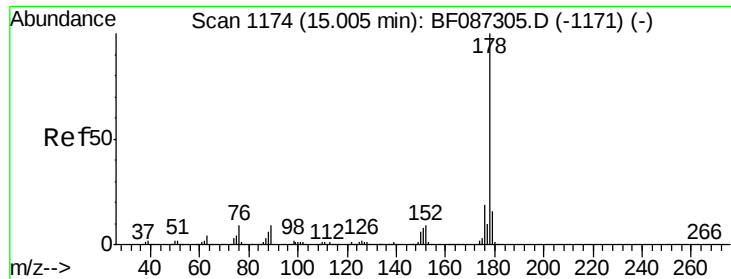
#70
 Phenanthrene
 Concen: 38.69 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion:178 Resp: 1214357
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.0 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

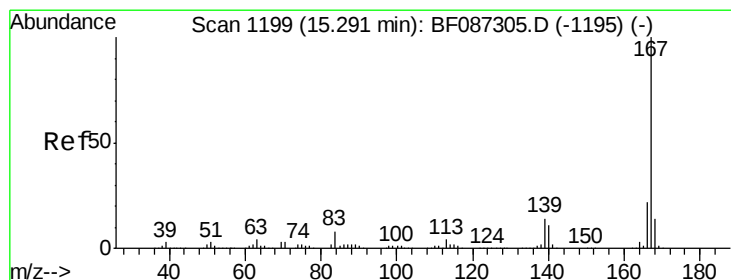
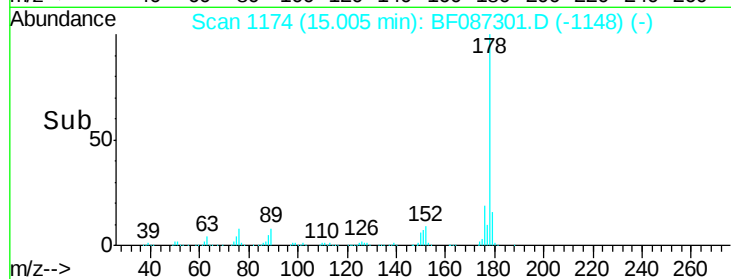
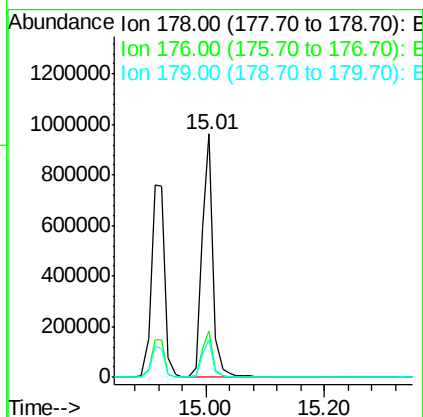
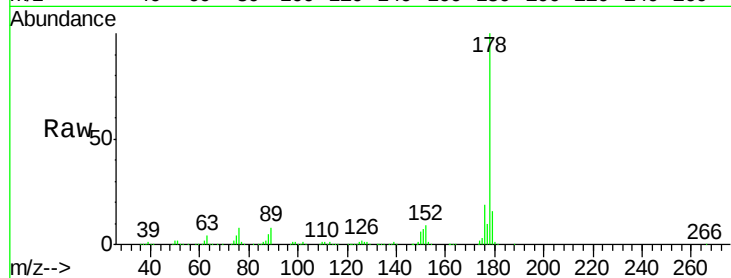




#71
 Anthracene
 Concen: 38.38 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

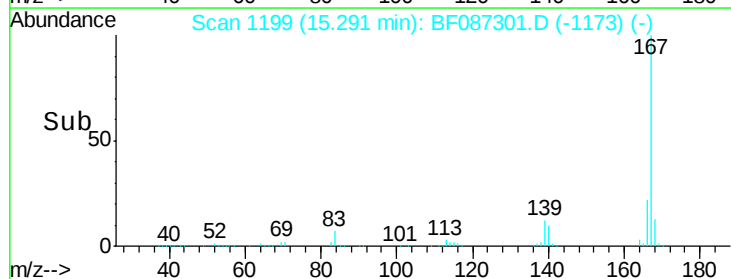
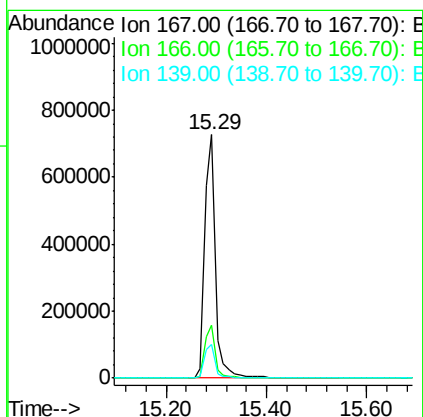
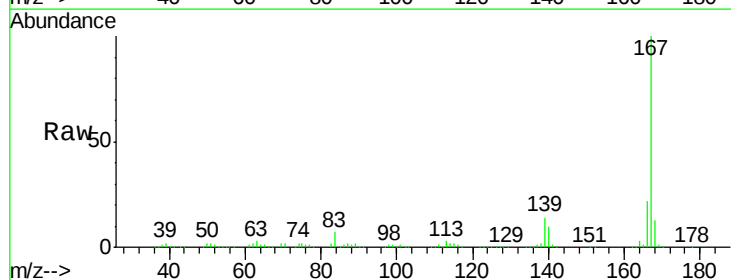
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

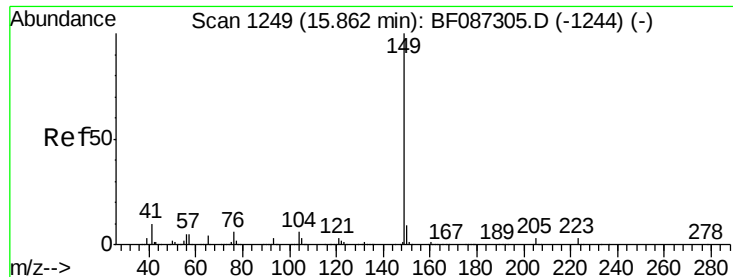
Tgt Ion:178 Resp: 1245069
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 37.32 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion:167 Resp: 1075049
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.68 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

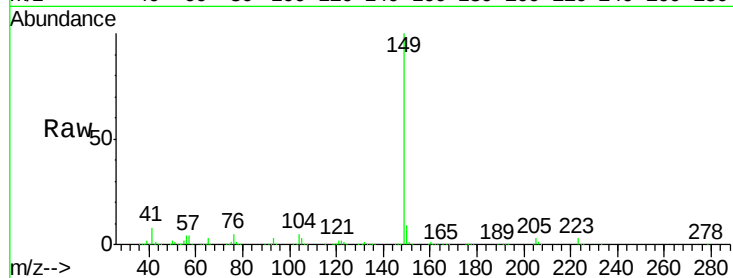
Tgt Ion:149 Resp: 1406475

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

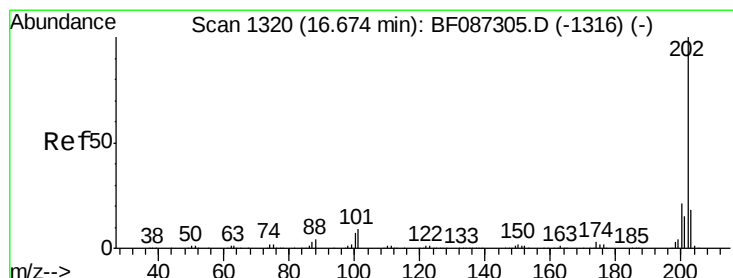
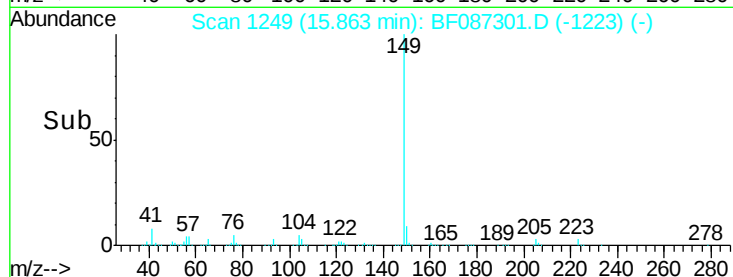
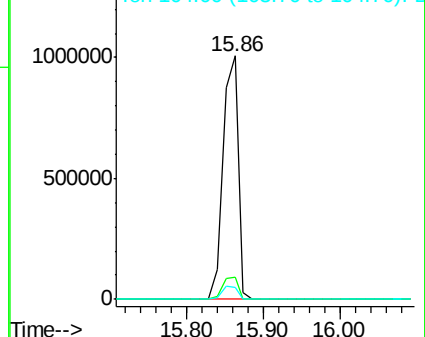
104 5.1 3.8 5.6



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: 37.36 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

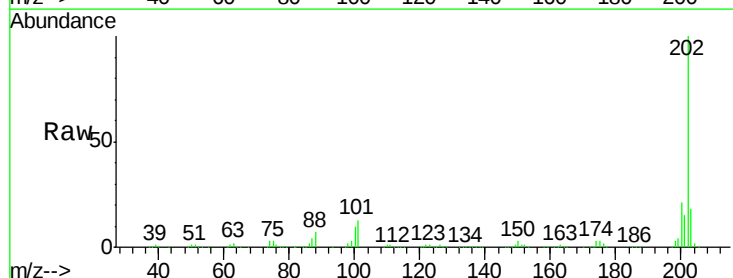
Tgt Ion:202 Resp: 1190940

Ion Ratio Lower Upper

202 100

101 13.2 0.0 35.4

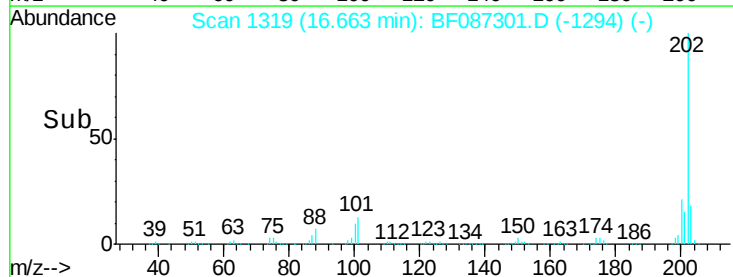
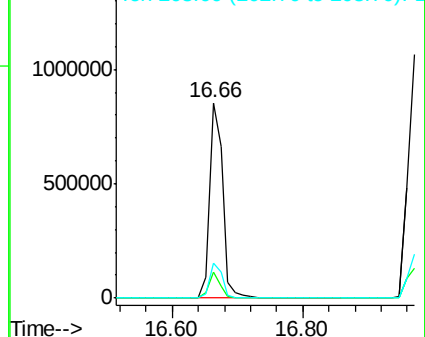
203 18.0 0.0 38.1

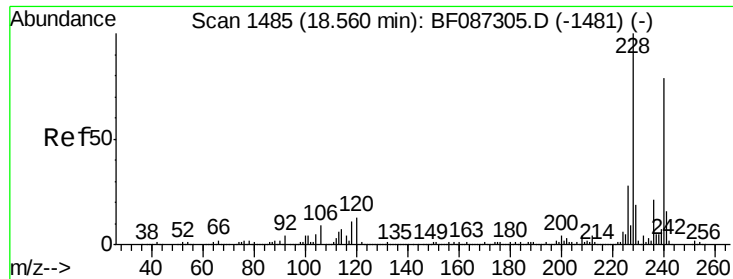


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

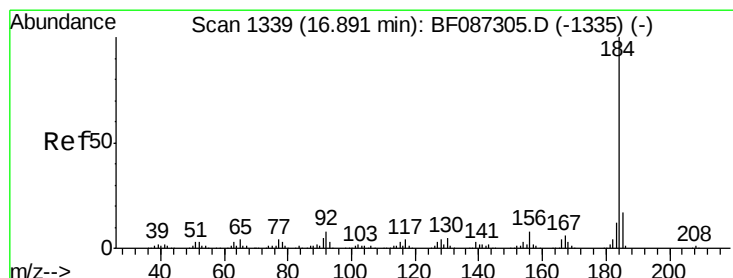
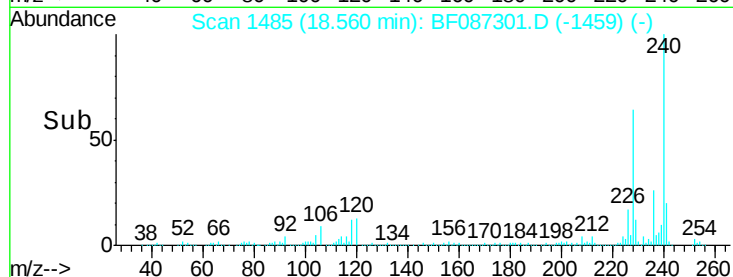
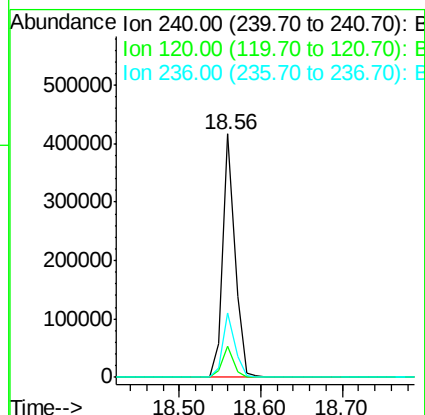
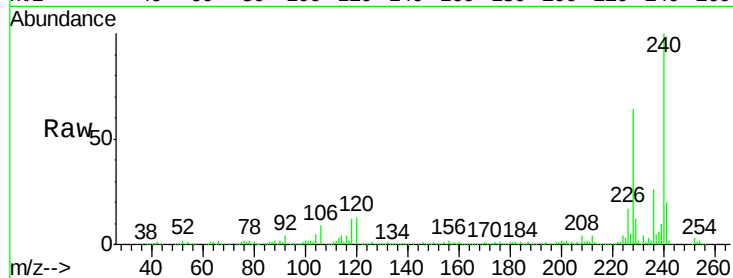




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

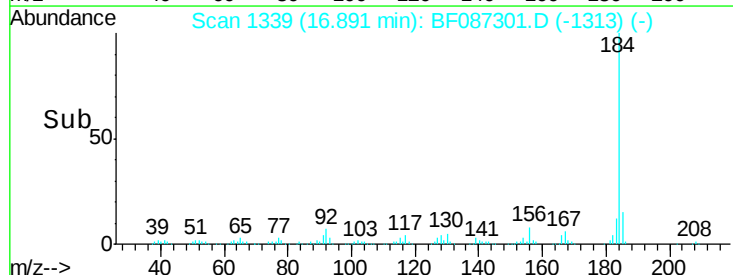
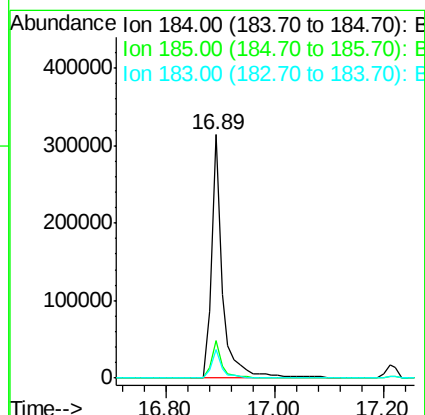
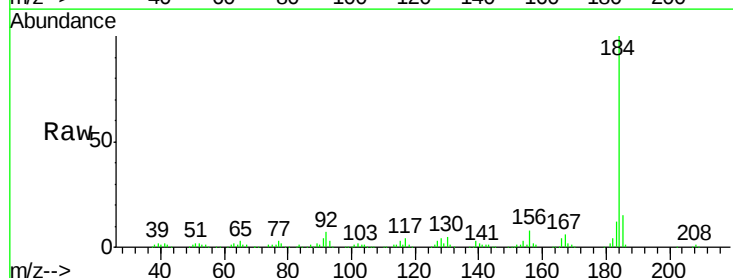
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

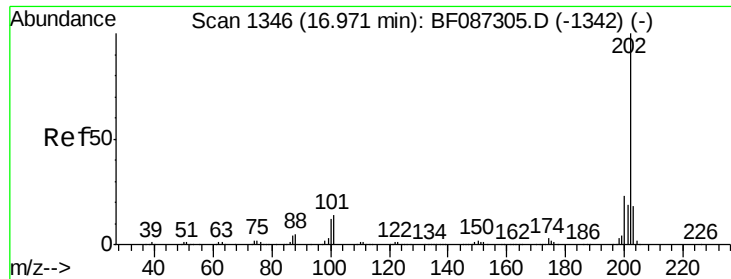
Tgt Ion:240 Resp: 433102
 Ion Ratio Lower Upper
 240 100
 120 12.7 11.2 16.8
 236 26.4 21.2 31.8



#76
 Benzidine
 Concen: 38.63 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion:184 Resp: 440628
 Ion Ratio Lower Upper
 184 100
 185 15.4 13.6 20.4
 183 11.8 9.8 14.6





#77

Pyrene

Concen: 39.97 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

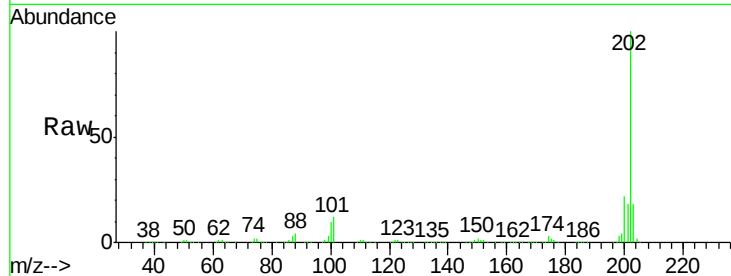
Tgt Ion:202 Resp: 1247380

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

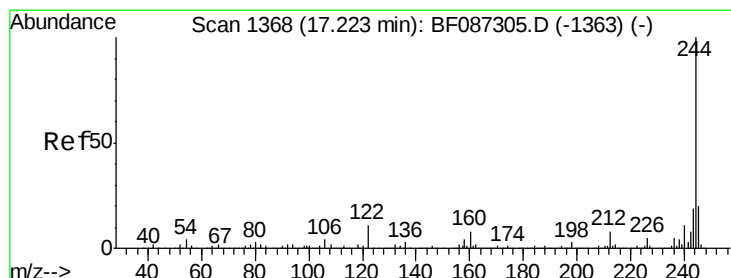
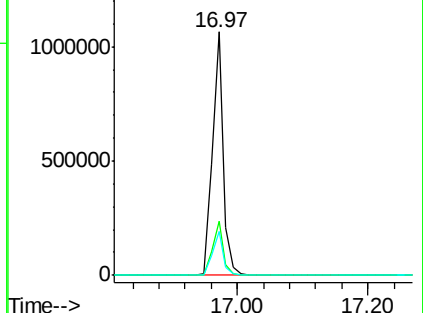
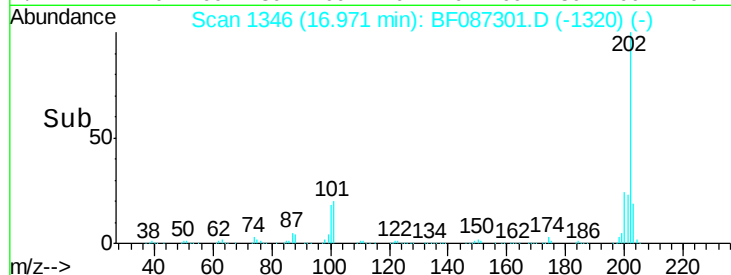
203 18.0 14.2 21.4



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: 79.00 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

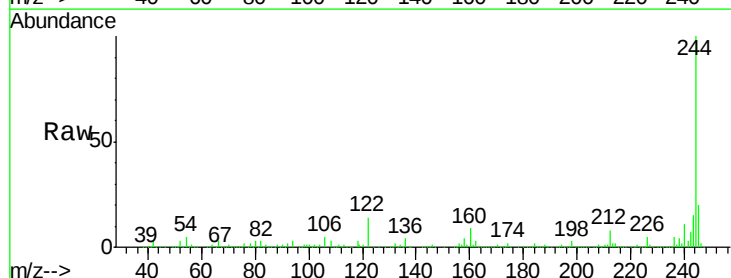
Tgt Ion:244 Resp: 1554485

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

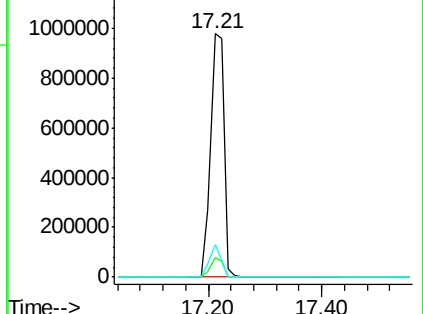
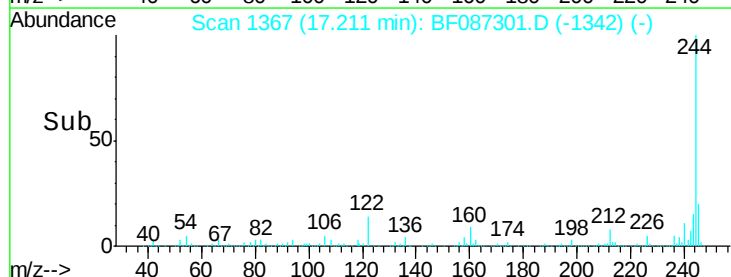
122 13.5 12.0 18.0

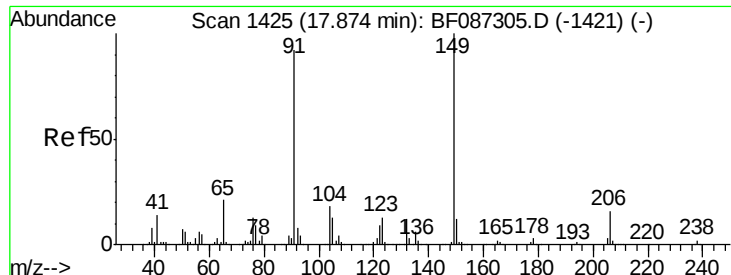


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

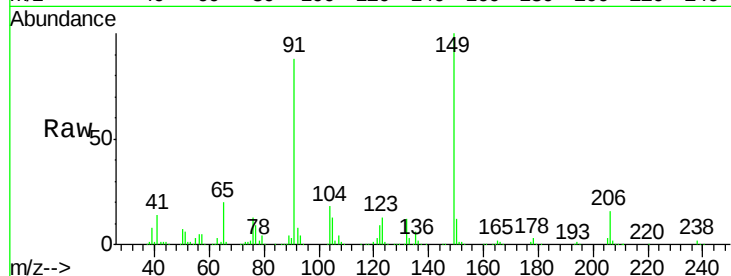




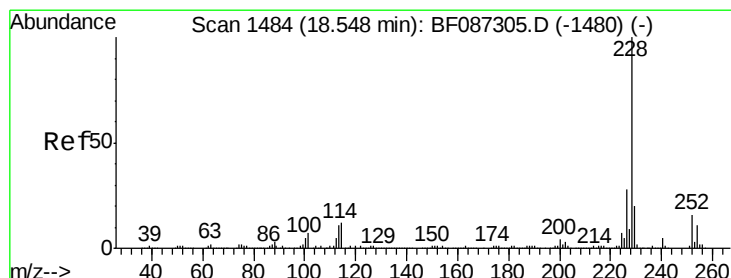
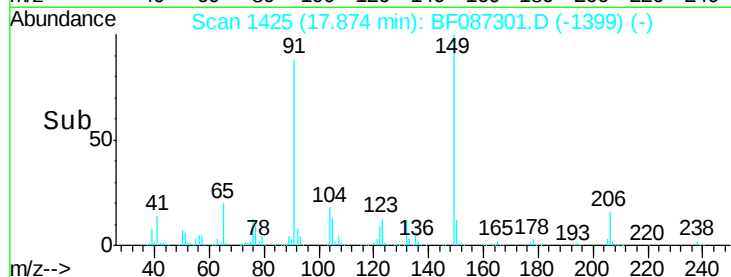
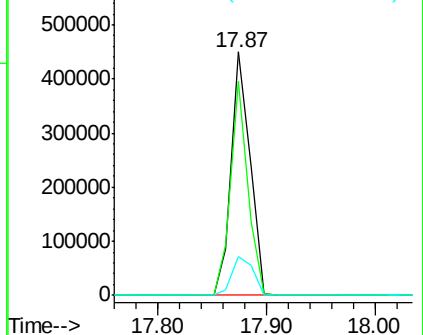
#79
Butylbenzylphthalate
Concen: 40.39 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 535466
Ion Ratio Lower Upper
149 100
91 88.2 48.0 72.0#
206 15.8 15.8 23.6

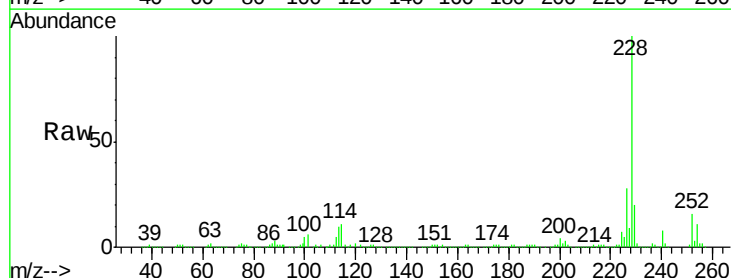


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

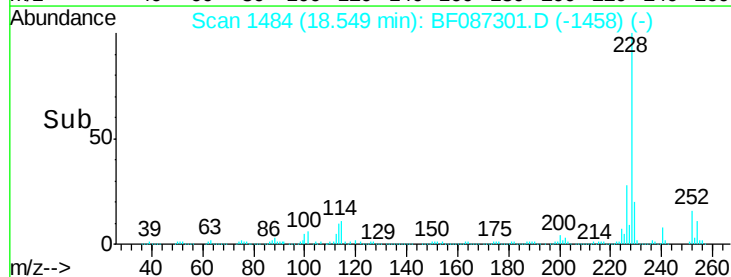
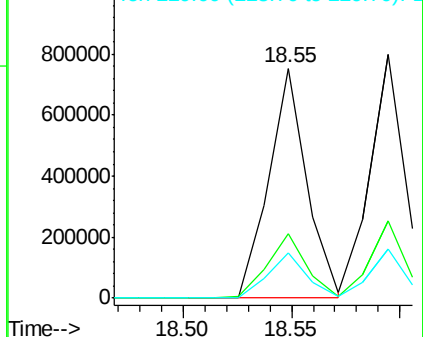


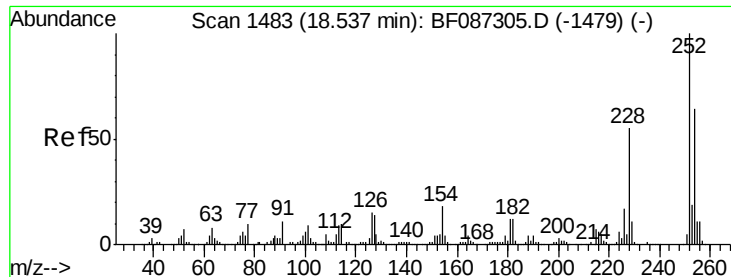
#80
Benzo(a)anthracene
Concen: 36.63 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087301.D
Acq: 23 May 2016 14:35

Tgt Ion:228 Resp: 923570
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 19.6 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

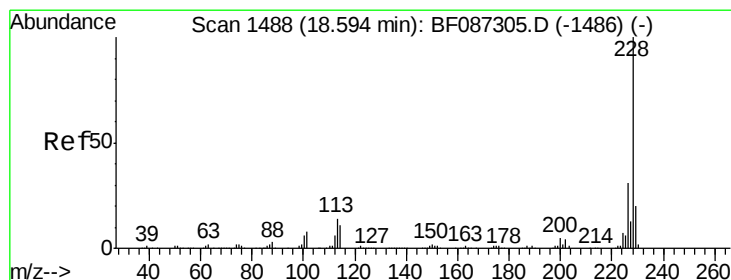
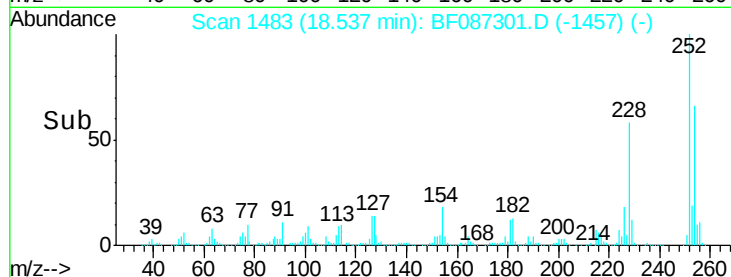
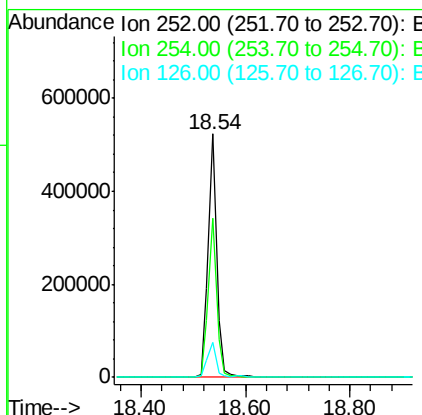
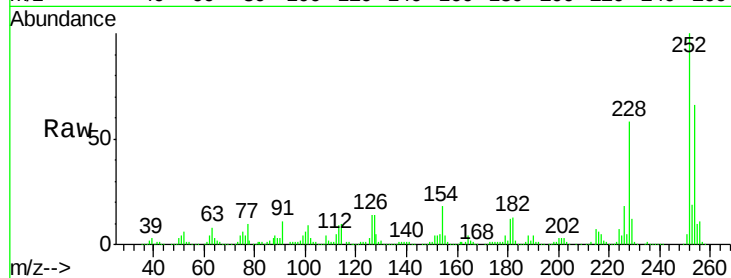




#81
 3,3'-Dichlorobenzidine
 Concen: 38.80 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

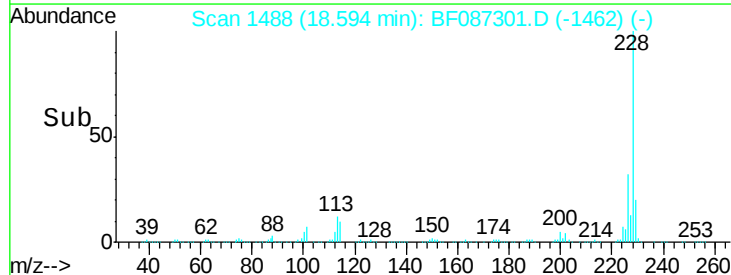
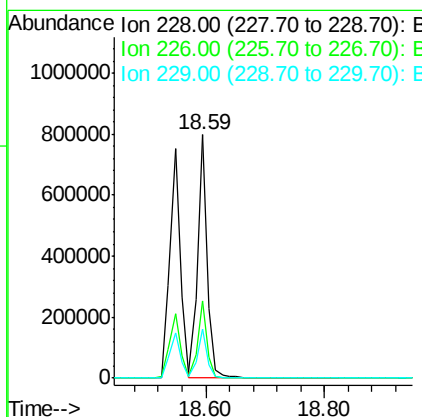
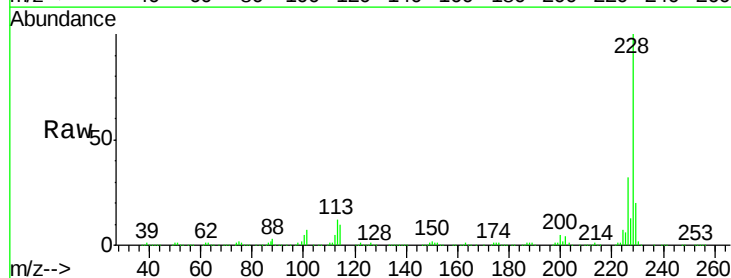
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

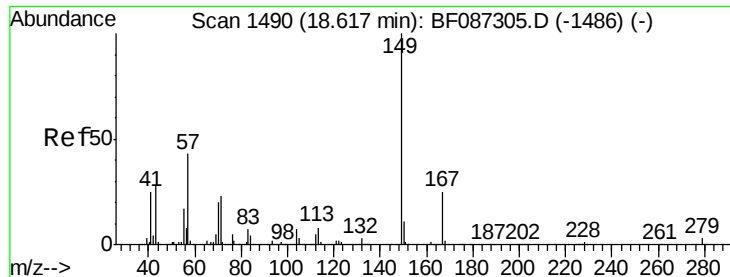
Tgt Ion: 252 Resp: 606625
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.7 76.1
 126 14.1 12.7 19.1



#82
 Chrysene
 Concen: 37.89 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion: 228 Resp: 918376
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.4 36.6
 229 20.2 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.41 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

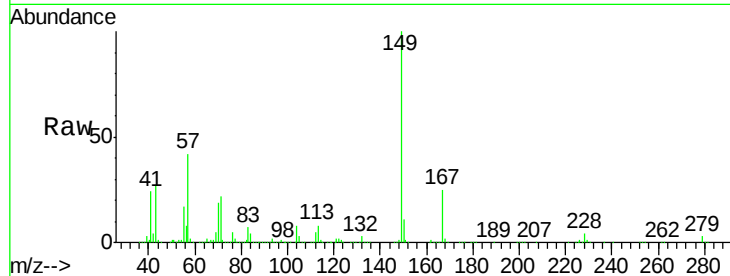
Tgt Ion:149 Resp: 757967

Ion Ratio Lower Upper

149 100

167 24.7 21.8 32.6

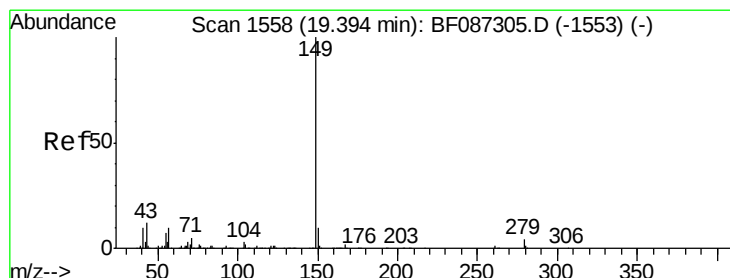
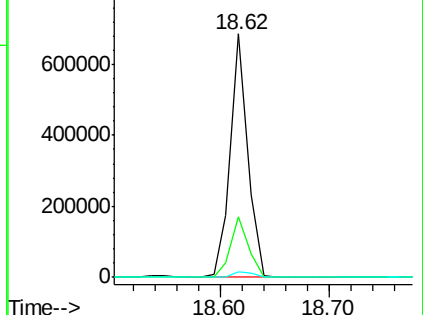
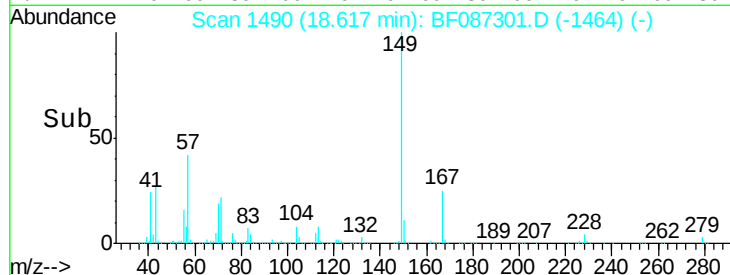
279 2.5 2.6 4.0#



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: 39.79 ng

RT: 19.38 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

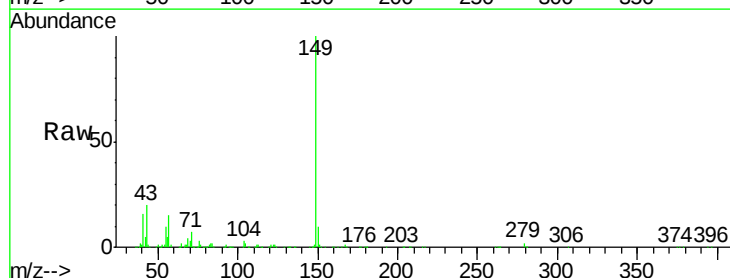
Tgt Ion:149 Resp: 1138786

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

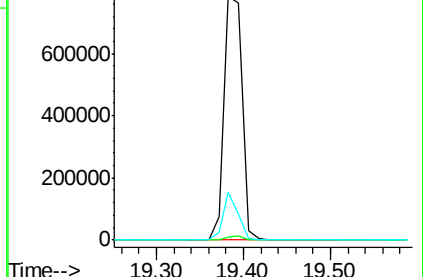
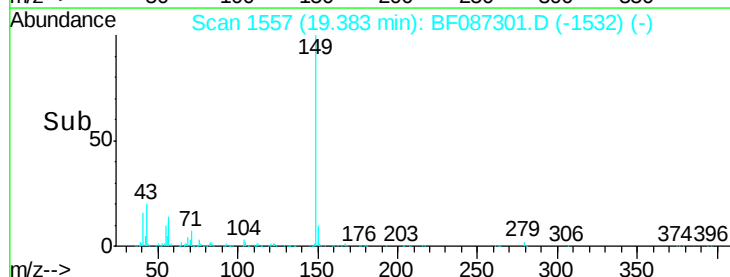
43 16.5 8.2 12.4#

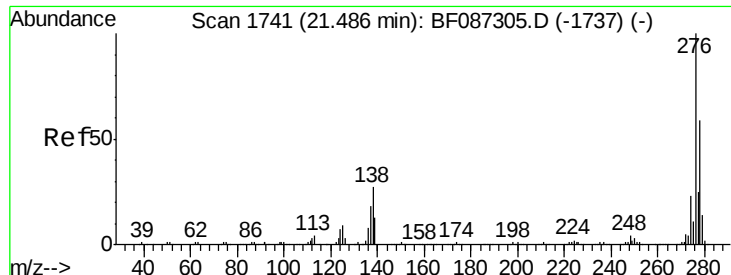


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

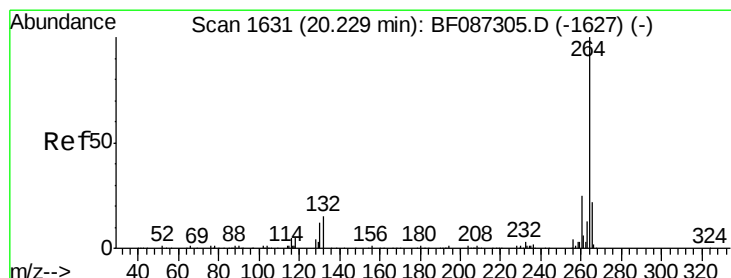
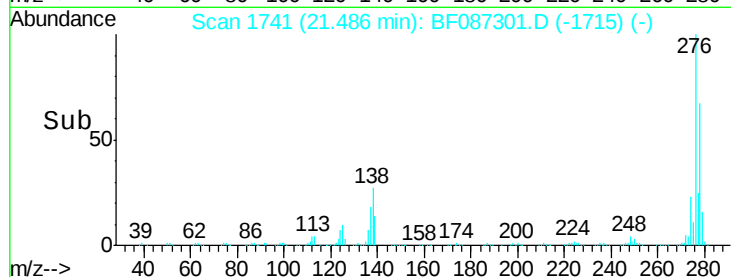
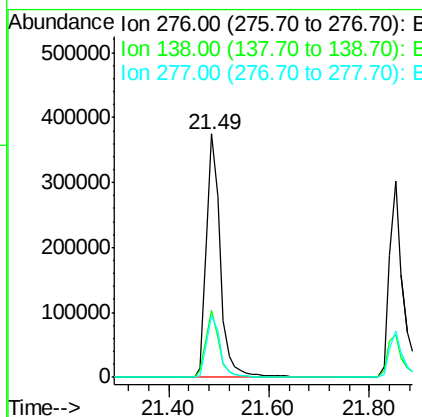
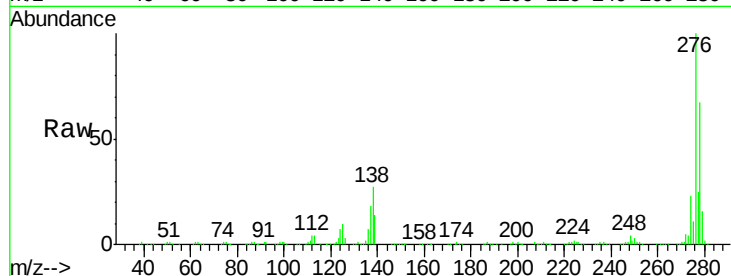




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.46 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

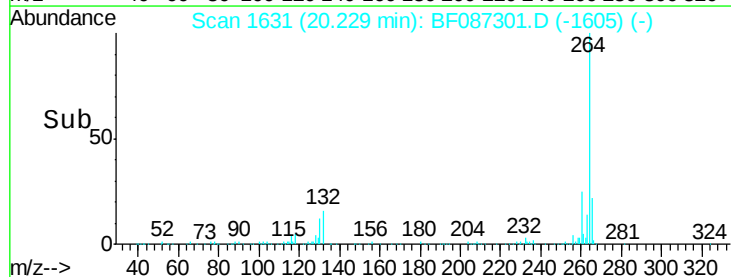
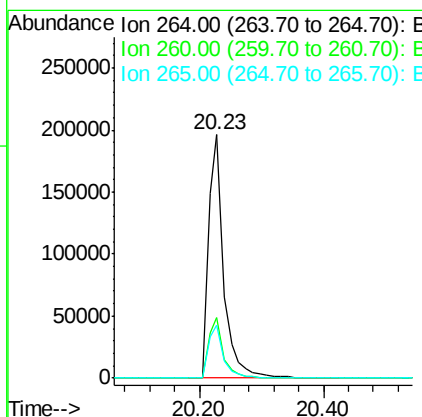
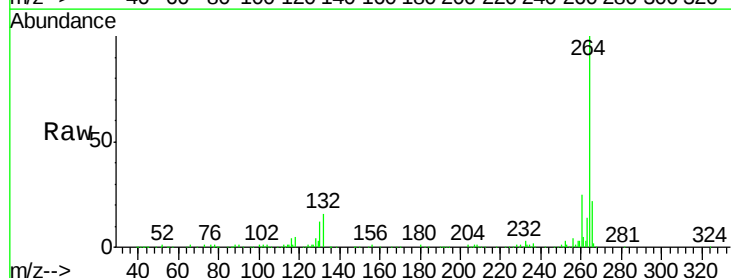
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

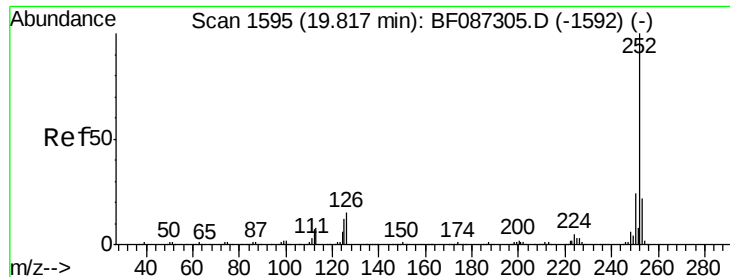
Tgt Ion: 276 Resp: 727573
 Ion Ratio Lower Upper
 276 100
 138 26.7 25.6 38.4
 277 25.1 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087301.D
 Acq: 23 May 2016 14:35

Tgt Ion: 264 Resp: 325899
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 68.31 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

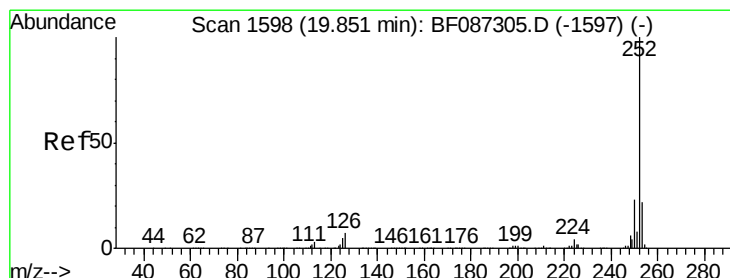
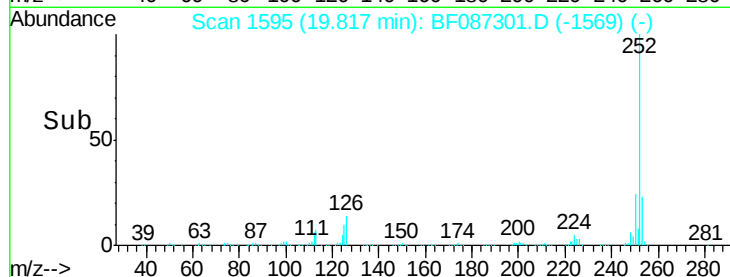
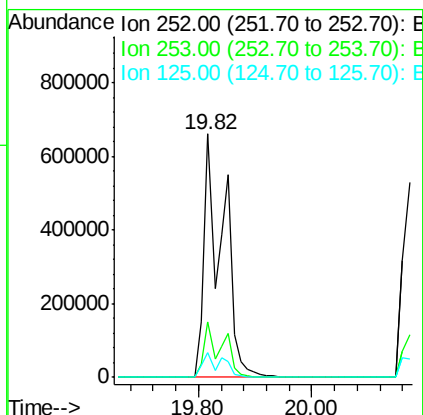
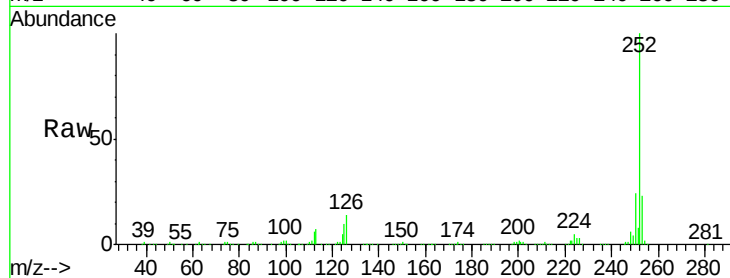
Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1520569

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.4	11.4	17.0#



#88

Benzo(k)fluoranthene

Concen: 97.64 ng

RT: 19.82 min Scan# 1595

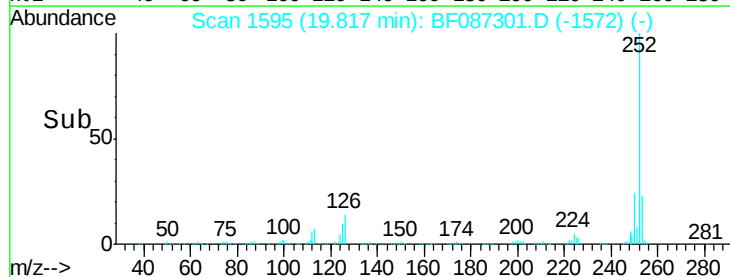
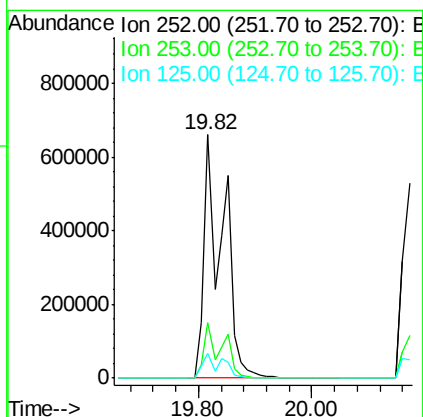
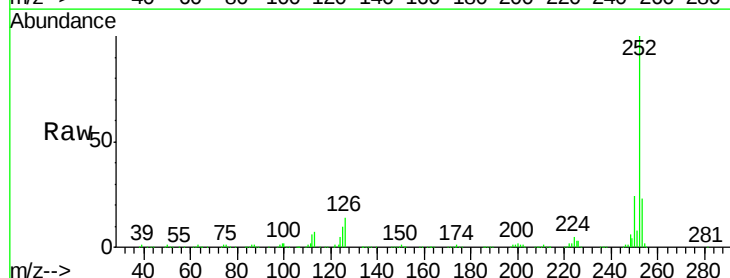
Delta R.T. -0.03 min

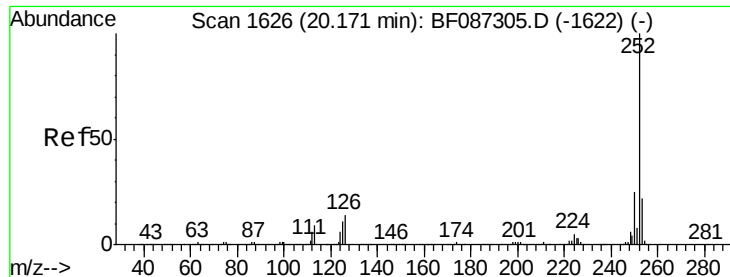
Lab File: BF087301.D

Acq: 23 May 2016 14:35

Tgt Ion:252 Resp: 1520569

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.4	9.1	13.7





#89

Benzo(a)pyrene

Concen: 39.25 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

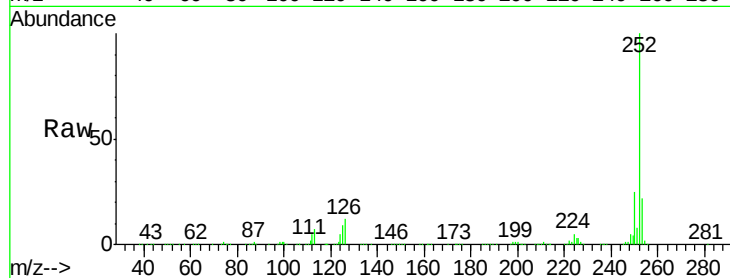
Tgt Ion:252 Resp: 705994

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

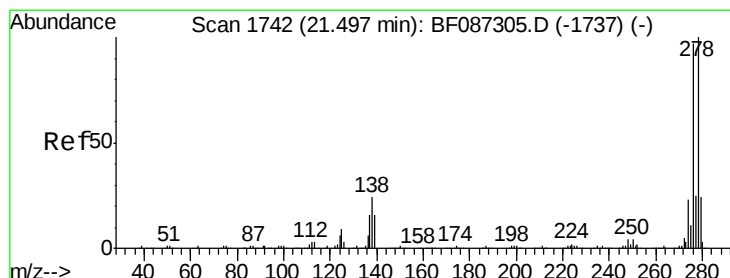
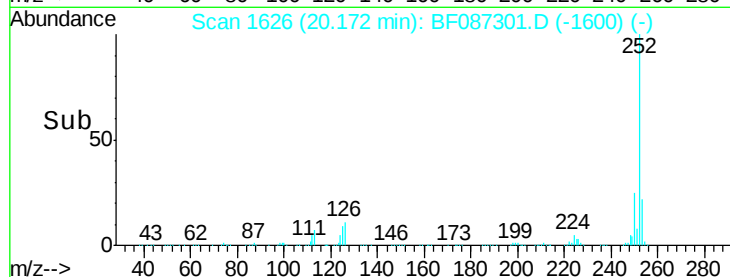
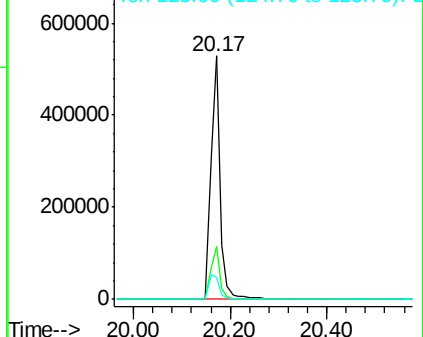
125 9.2 9.0 13.6



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: 40.11 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

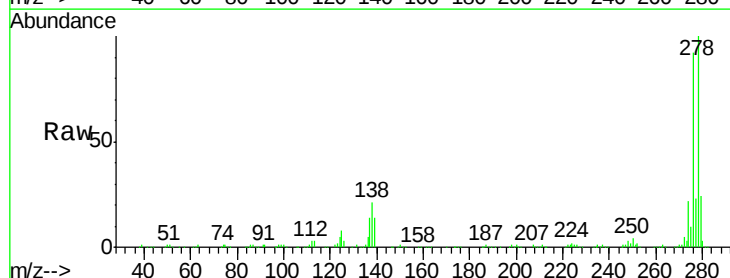
Tgt Ion:278 Resp: 611928

Ion Ratio Lower Upper

278 100

139 14.2 16.6 24.8#

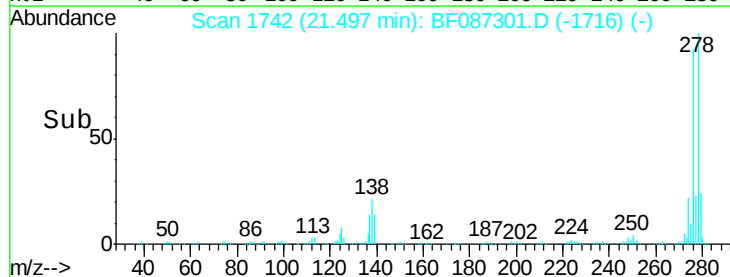
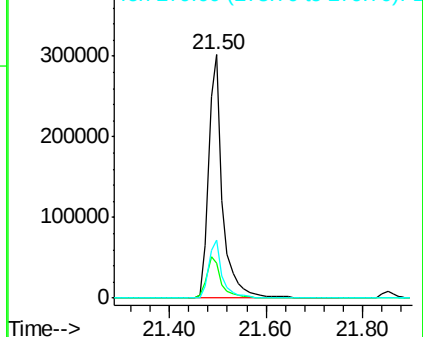
279 24.0 19.6 29.4

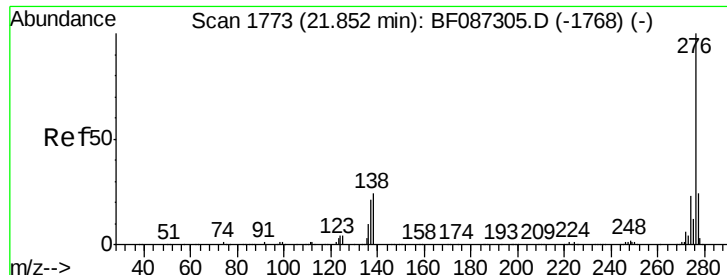


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.27 ng

RT: 21.85 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF087301.D

Acq: 23 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

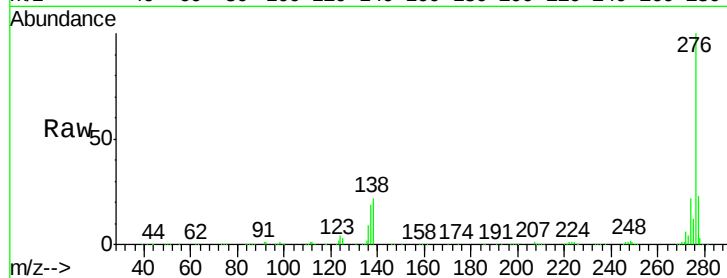
Tgt Ion: 276 Resp: 600868

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 21.8 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

