

Data Path : Z:\HPCHEM1\BNA F\Data\BF071516\
 Data File : BF089037.D
 Acq On : 16 Jul 2016 3:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 16 04:40:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	54901	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	214553	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	89850	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	132533	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	90608	20.00	ng	-0.05
86) Perylene-d12	15.17	264	65593	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	310656	84.80	ng	-0.02
7) Phenol-d6	6.33	99	346931	73.29	ng	-0.02
23) Nitrobenzene-d5	7.24	82	321549	78.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	50365	60.36	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	534666	94.00	ng	-0.03
78) Terphenyl-d14	12.76	244	300163	73.79	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	65307	35.96	ng	# 31
3) Pyridine	2.81	79	174470	33.11	ng	93
4) n-Nitrosodimethylamine	2.78	42	72864	36.19	ng	97
6) Aniline	6.34	93	251070	36.40	ng	# 39
8) 2-Chlorophenol	6.47	128	165385	42.01	ng	86
9) Benzaldehyde	6.22	77	118740	37.03	ng	85
10) Phenol	6.34	94	179246	33.18	ng	# 31
11) bis(2-Chloroethyl)ether	6.42	93	166694	41.38	ng	88
12) 1,3-Dichlorobenzene	6.62	146	176226	40.68	ng	98
13) 1,4-Dichlorobenzene	6.70	146	189197	44.00	ng	98
14) 1,2-Dichlorobenzene	6.84	146	153833	38.22	ng	# 86
15) Benzyl Alcohol	6.83	79	138266	39.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	193169	33.11	ng	86
17) 2-Methylphenol	6.96	107	121902	37.95	ng	# 88
18) Hexachloroethane	7.19	117	50588	30.41	ng	# 84
19) n-Nitroso-di-n-propylamine	7.11	70	123600	38.87	ng	90
20) 3+4-Methylphenols	7.11	107	147852	38.36	ng	# 81
22) Acetophenone	7.10	105	229538	44.08	ng	# 93
24) Nitrobenzene	7.27	77	177921	43.10	ng	# 84
25) Isophorone	7.51	82	290311	38.28	ng	95
26) 2-Nitrophenol	7.59	139	62068	36.67	ng	# 82
27) 2,4-Dimethylphenol	7.63	122	127924	36.28	ng	87
28) bis(2-Chloroethoxy)methane	7.72	93	185369	37.56	ng	# 95
29) 2,4-Dichlorophenol	7.83	162	106561	37.40	ng	93
30) 1,2,4-Trichlorobenzene	7.91	180	127814	40.88	ng	98
31) Naphthalene	7.99	128	463880	43.86	ng	99
32) Benzoic acid	7.76	122	51613	20.16	ng	94
33) 4-Chloroaniline	8.04	127	201281	42.77	ng	# 94
34) Hexachlorobutadiene	8.11	225	77000	45.99	ng	99
35) Caprolactam	8.42	113	36904	38.14	ng	# 68
36) 4-Chloro-3-methylphenol	8.54	107	137527	40.82	ng	97
37) 2-Methylnaphthalene	8.67	142	253778	37.26	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	137272	45.93	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	4901	3.34	ng	99

Data Path : Z:\HPCHEM1\BNA F\Data\BF071516\
 Data File : BF089037.D
 Acq On : 16 Jul 2016 3:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 16 04:40:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	70710	35.89	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	70605	41.65	nq	# 94
45) 1,1'-Biphenyl	9.14	154	345951	46.50	nq	98
46) 2-Chloronaphthalene	9.16	162	262040	44.86	nq	100
47) 2-Nitroaniline	9.26	65	75061	36.21	nq	92
48) Acenaphthylene	9.58	152	397377	42.76	nq	99
49) Dimethylphthalate	9.45	163	313272	48.94	nq	98
50) 2,6-Dinitrotoluene	9.51	165	61092	43.06	nq	# 75
51) Acenaphthene	9.75	154	234976	41.25	nq	98
52) 3-Nitroaniline	9.67	138	59523	33.00	nq	# 85
54) Dibenzofuran	9.92	168	310112	41.59	nq	93
55) 4-Nitrophenol	9.85	139	31211	22.77	nq	# 77
56) 2,4-Dinitrotoluene	9.91	165	70940	38.24	nq	# 66
57) Fluorene	10.26	166	235596	41.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	38947	29.69	nq	# 49
59) Diethylphthalate	10.15	149	283161	44.08	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	107166	40.14	nq	88
61) 4-Nitroaniline	10.28	138	64586	37.21	nq	94
62) Azobenzene	10.41	77	269815	36.82	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	2404	3.39	nq	# 63
65) n-Nitrosodiphenylamine	10.38	169	223633	49.86	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	64873	48.57	nq	98
67) Hexachlorobenzene	10.80	284	54315	36.74	nq	# 76
68) Atrazine	10.90	200	57258	40.97	nq	91
69) Pentachlorophenol	11.00	266	19285	22.04	nq	97
70) Phenanthrene	11.21	178	303268	41.86	nq	98
71) Anthracene	11.26	178	276854	38.43	nq	98
72) Carbazole	11.42	167	243408	35.90	nq	100
73) Di-n-butylphthalate	11.76	149	363043	46.03	nq	99
74) Fluoranthene	12.39	202	268505	36.56	nq	99
76) Benzidine	12.52	184	262493	57.32	nq	98
77) Pyrene	12.62	202	294021	38.27	nq	99
79) Butylbenzylphthalate	13.24	149	135924	39.66	nq	# 81
80) Benzo(a)anthracene	13.79	228	226696	38.86	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	90659	41.33	nq	98
82) Chrysene	13.84	228	218400	37.84	nq	97
83) Bis(2-ethylhexyl)phthalate	13.81	149	192152	49.11	nq	# 97
84) Di-n-octyl phthalate	14.41	149	331353	49.85	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	138374	31.16	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	191442m	46.53	nq	
88) Benzo(k)fluoranthene	14.82	252	162273m	45.30	nq	
89) Benzo(a)pyrene	15.12	252	157891	45.32	nq	# 94
90) Dibenzo(a,h)anthracene	16.46	278	122628	42.15	nq	97
91) Benzo(g,h,i)perylene	16.82	276	115464	38.36	nq	98

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

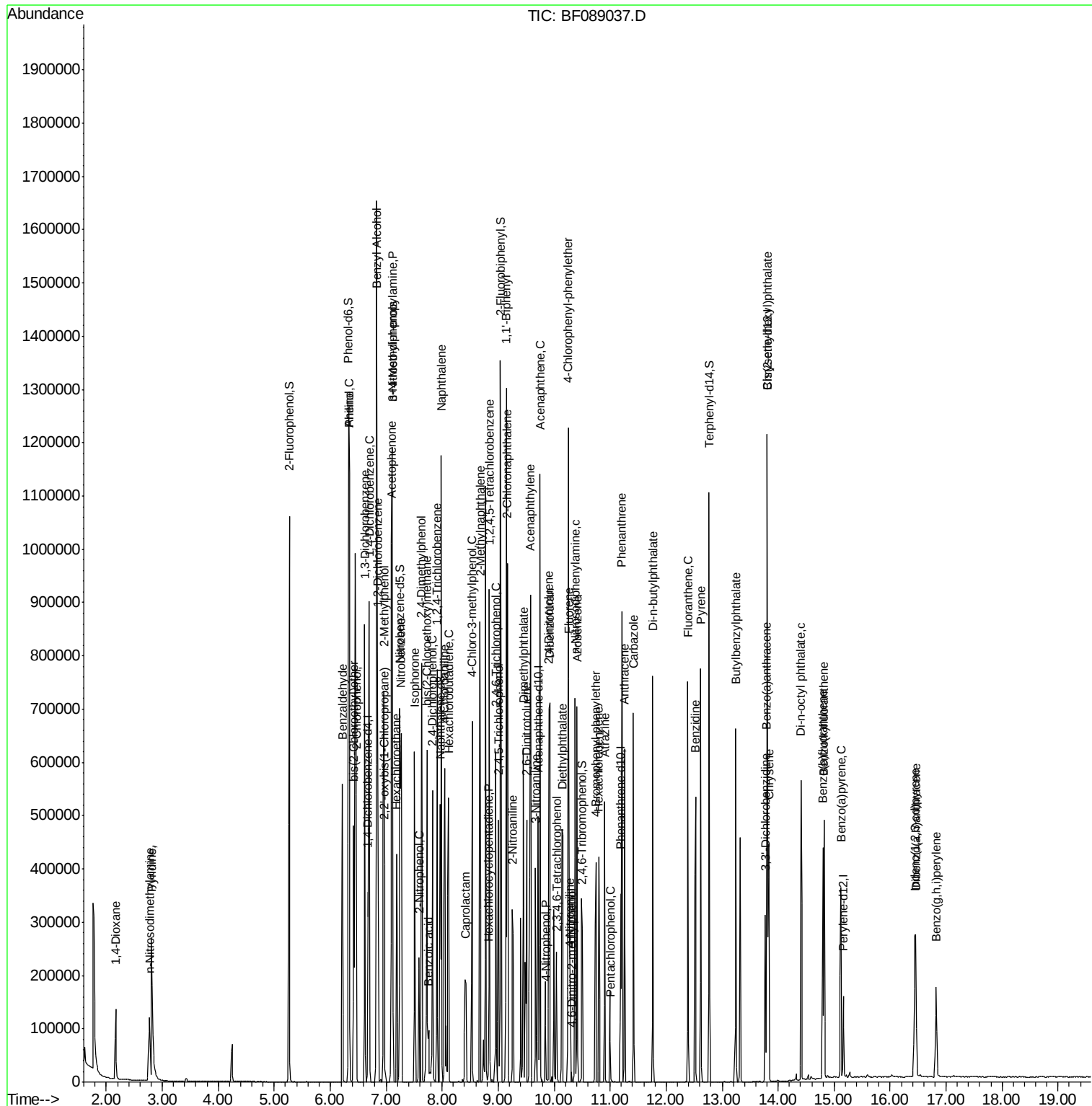
```

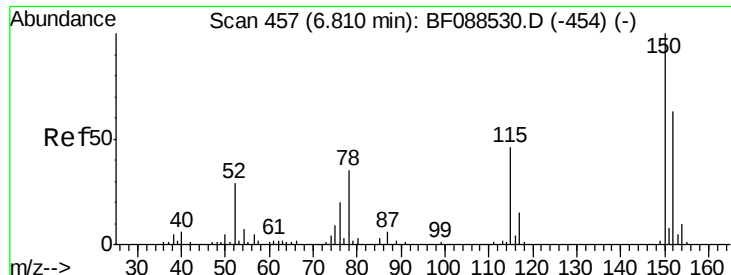
Data Path : Z:\HPCHEM1\BNA F\Data\BF071516\
Data File : BF089037.D
Acq On    : 16 Jul 2016    3:04
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1

```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 16 04:40:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

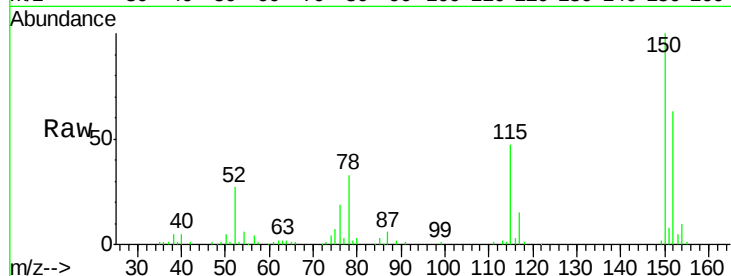
Tot Ion:152 Resp: 54901

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

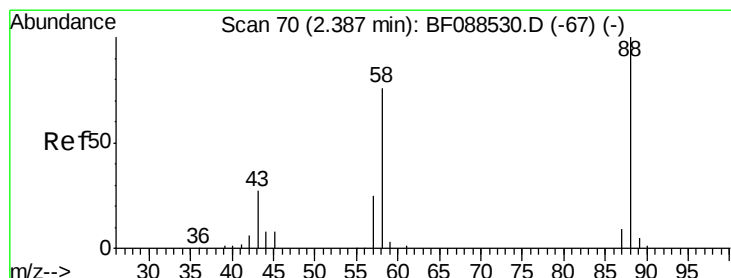
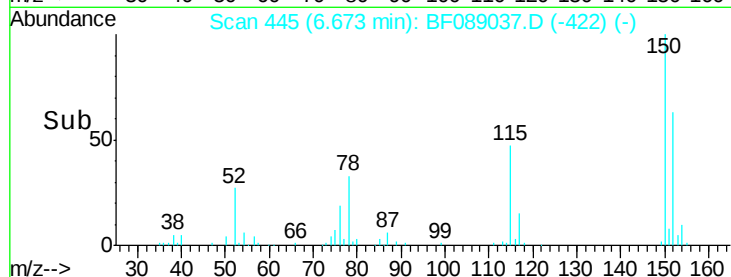
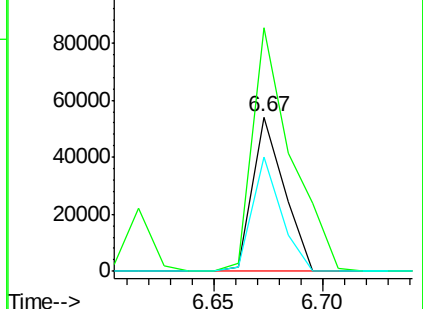
115 73.9 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.96 ng

RT: 2.17 min Scan# 51

Delta R.T. -0.05 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

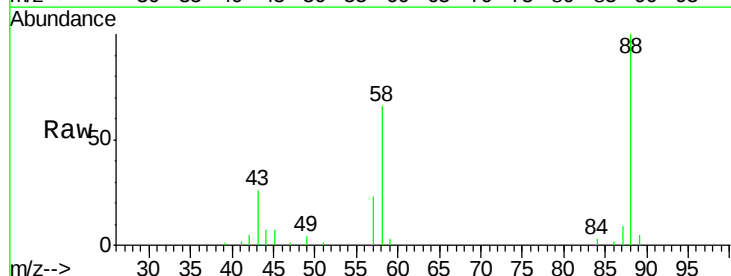
Tgt Ion: 88 Resp: 65307

Ion Ratio Lower Upper

88 100

58 67.2 0.0 0.0#

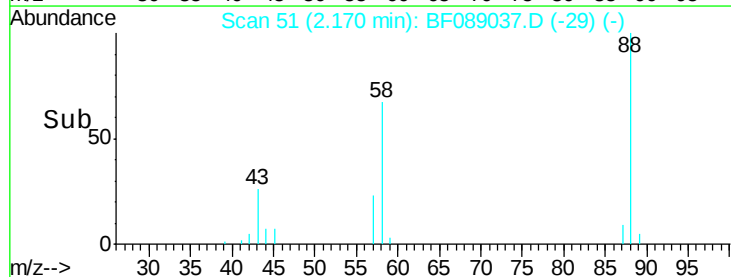
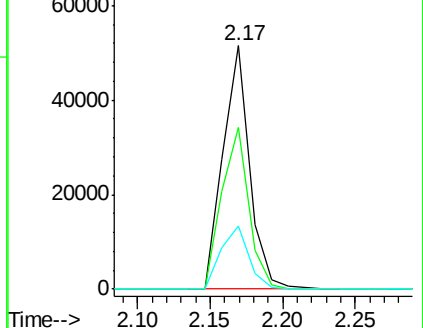
43 27.1 3.4 5.2#



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

Pvridine

Concen: 33.11 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.07 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

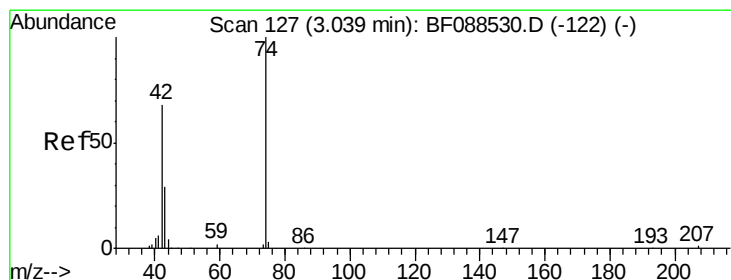
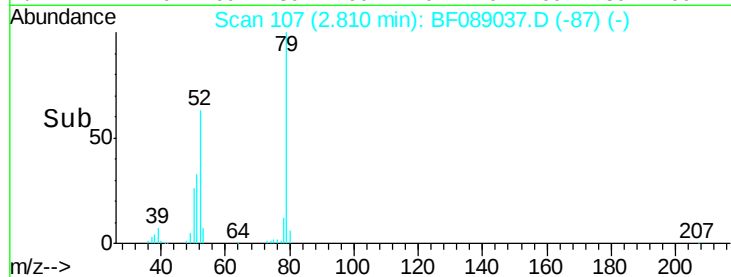
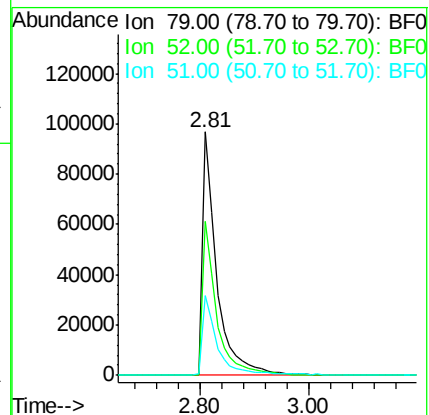
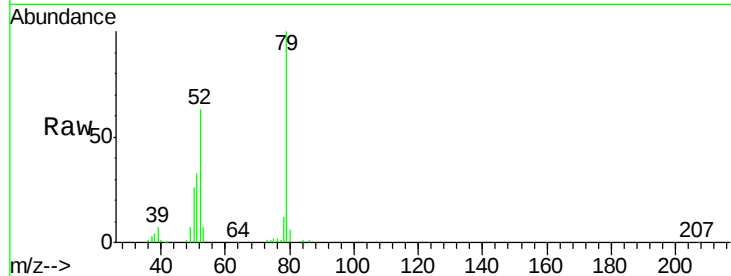
Tot Ion: 79 Resp: 174470

Ion Ratio Lower Upper

79 100

52 63.0 56.3 84.5

51 33.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 36.19 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.06 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

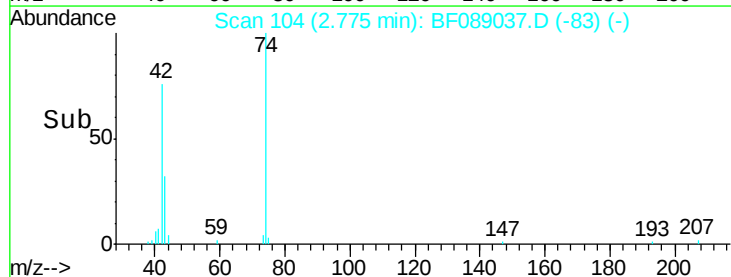
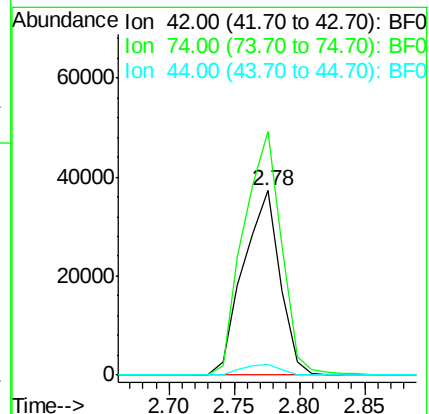
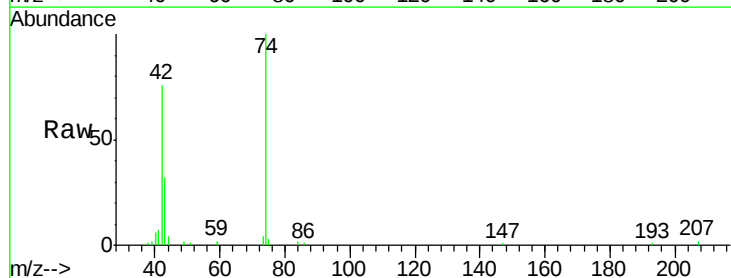
Tgt Ion: 42 Resp: 72864

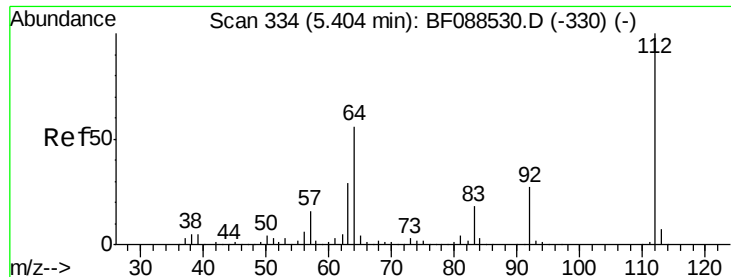
Ion Ratio Lower Upper

42 100

74 132.0 108.6 163.0

44 5.8 5.5 8.3





#5

2-Fluorophenol

Concen: 84.80 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

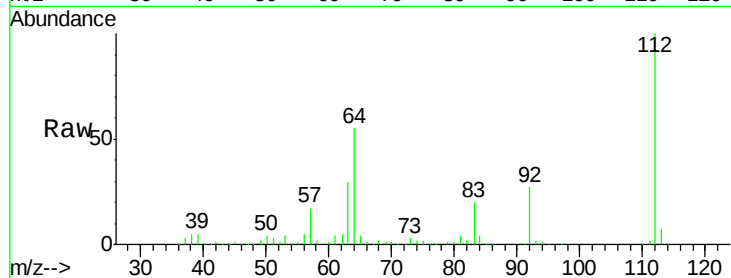
Tot Ion: 112 Resp: 310656

Ion Ratio Lower Upper

112 100

64 54.7 42.2 63.2

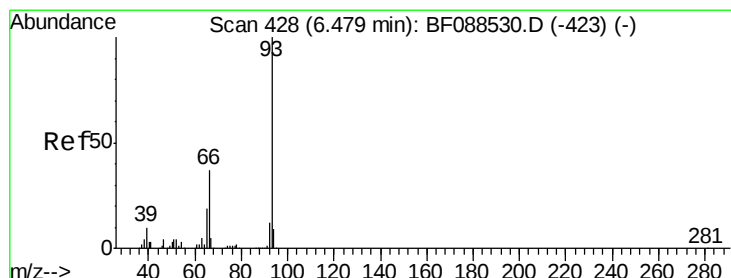
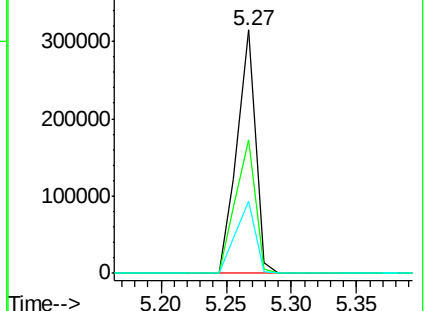
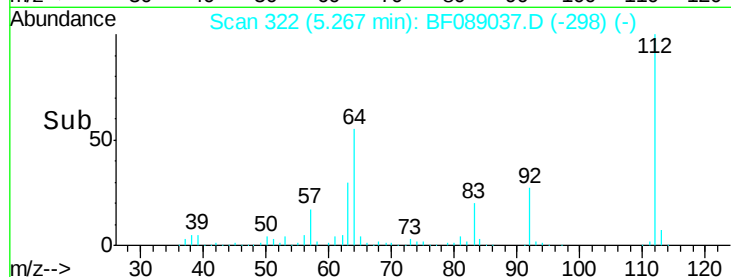
63 29.8 21.8 32.8



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: 36.40 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

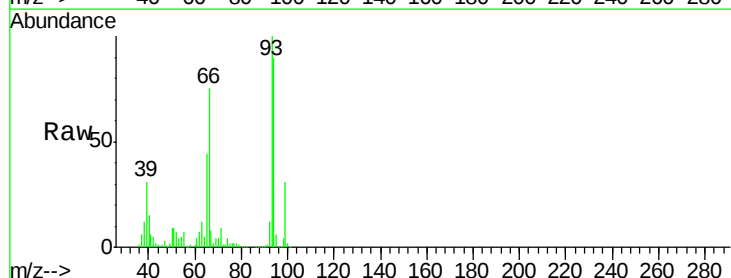
Tgt Ion: 93 Resp: 251070

Ion Ratio Lower Upper

93 100

66 75.2 29.8 44.8#

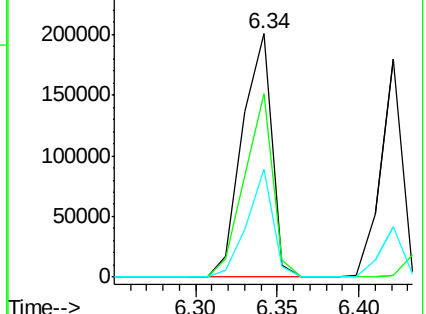
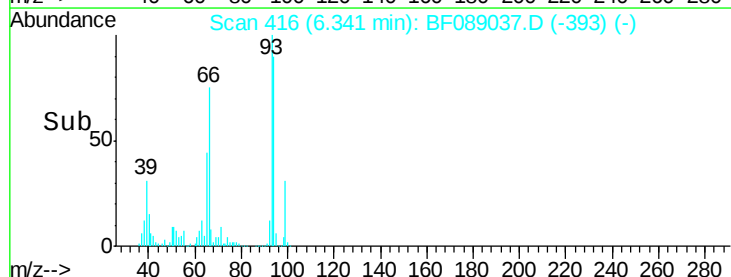
65 44.3 14.9 22.3#

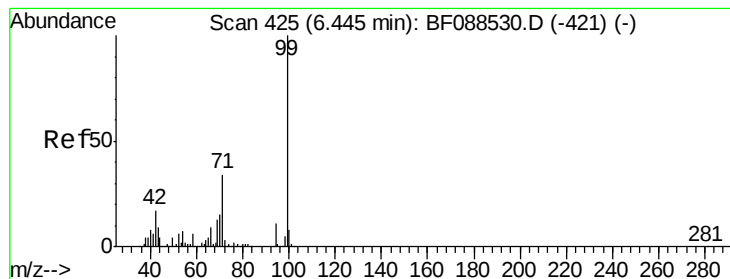


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.29 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

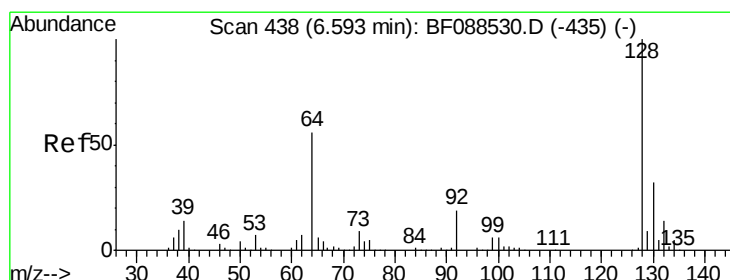
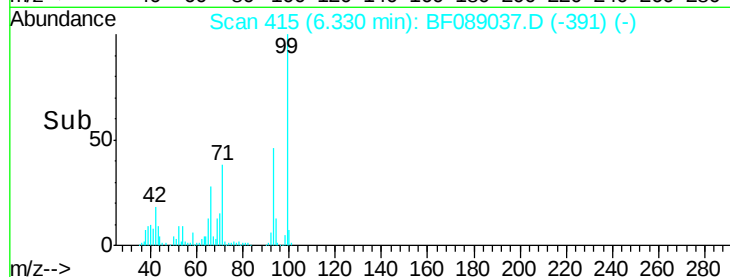
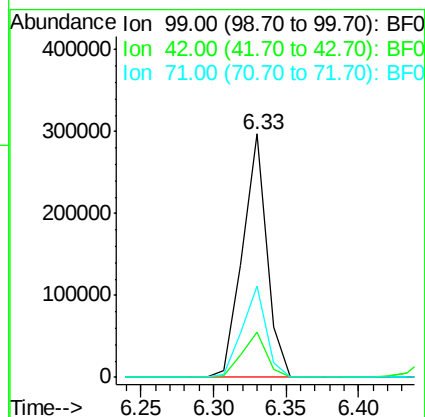
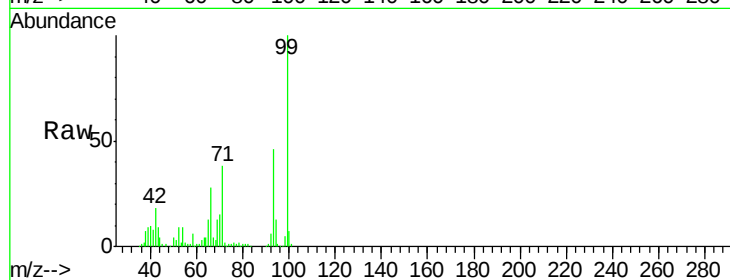
Tot Ion: 99 Resp: 346931

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 37.5 23.4 35.0#



#8

2-Chlorophenol

Concen: 42.01 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

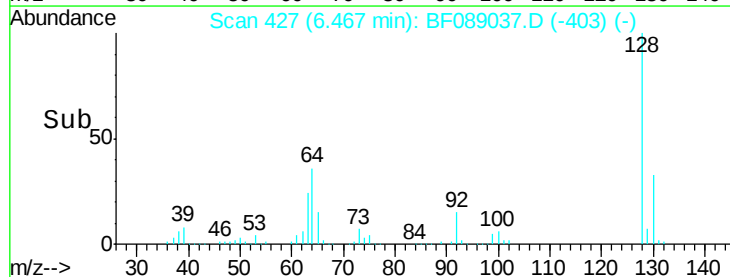
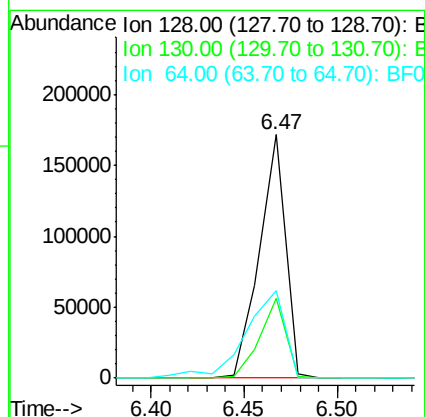
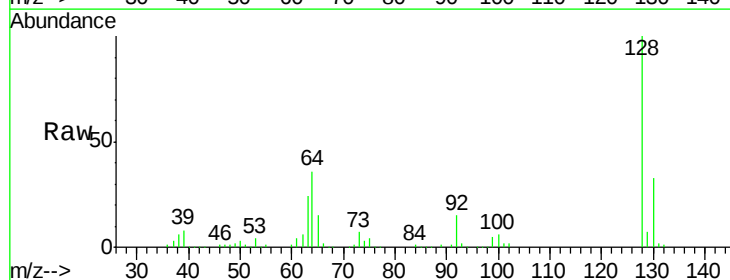
Tgt Ion: 128 Resp: 165385

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 35.8 30.8 70.8





#9

Benzaldehyde

Concen: 37.03 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

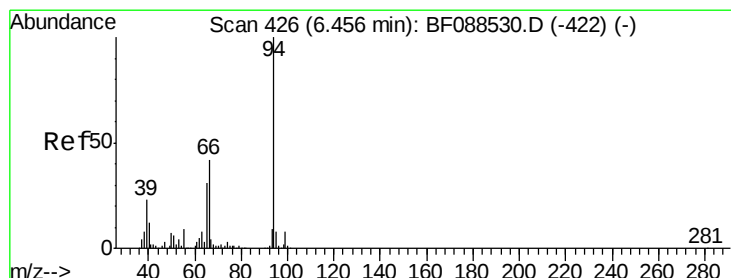
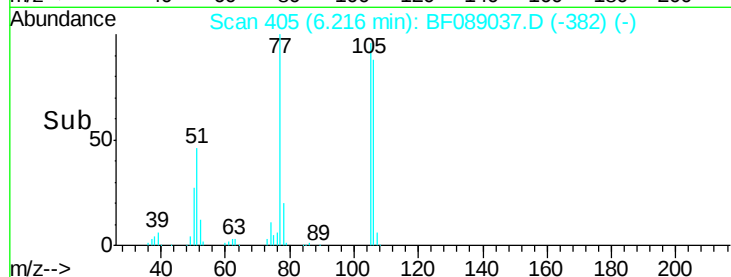
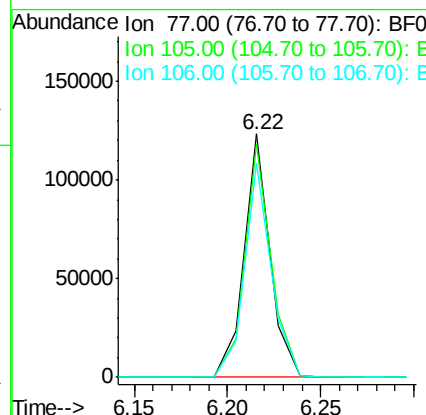
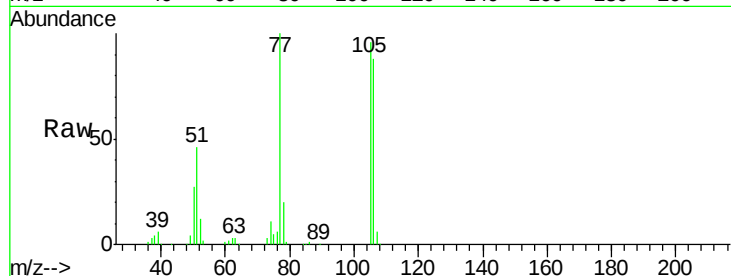
Tot Ion: 77 Resp: 118740

Ion Ratio Lower Upper

77 100

105 95.9 90.6 130.6

106 88.1 85.3 125.3



#10

Phenol

Concen: 33.18 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

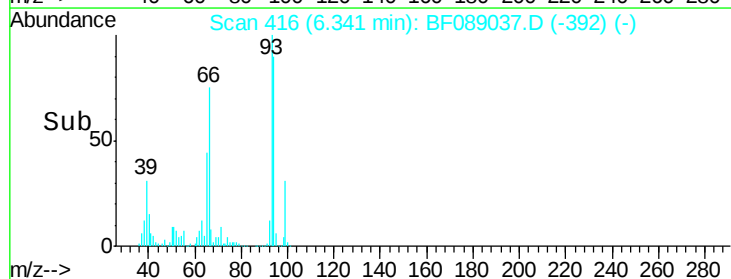
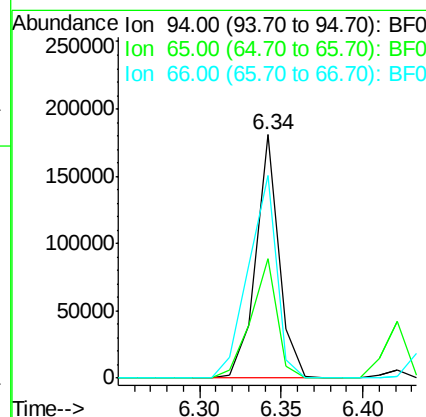
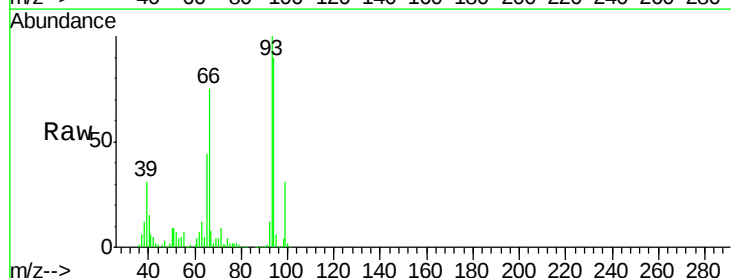
Tgt Ion: 94 Resp: 179246

Ion Ratio Lower Upper

94 100

65 49.2 5.9 45.9#

66 83.4 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 41.38 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

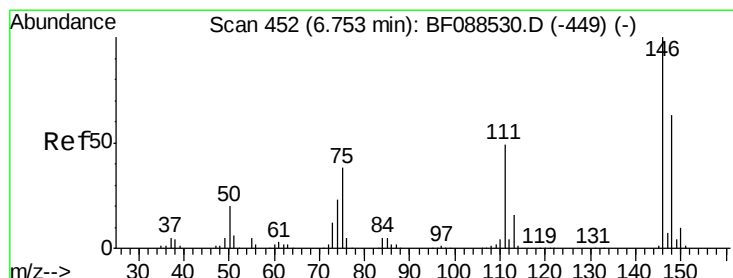
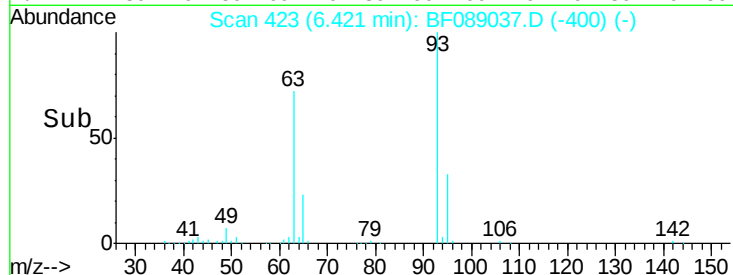
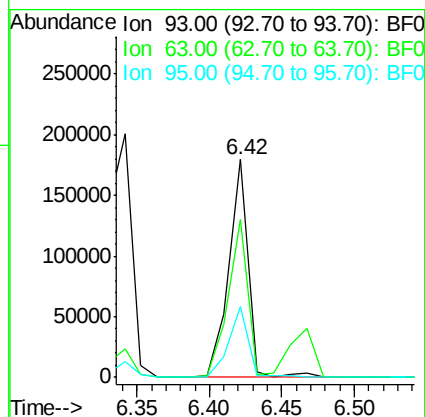
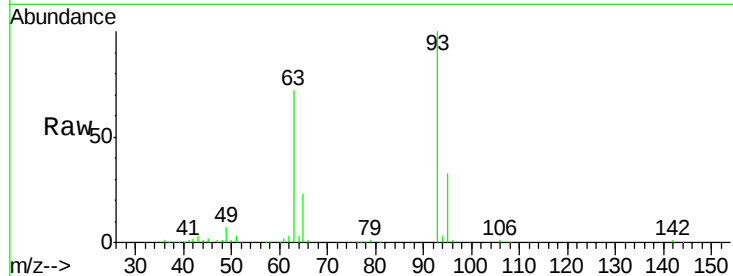
Tot Ion: 93 Resp: 166694

Ion Ratio Lower Upper

93 100

63 72.2 67.6 107.6

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 40.68 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

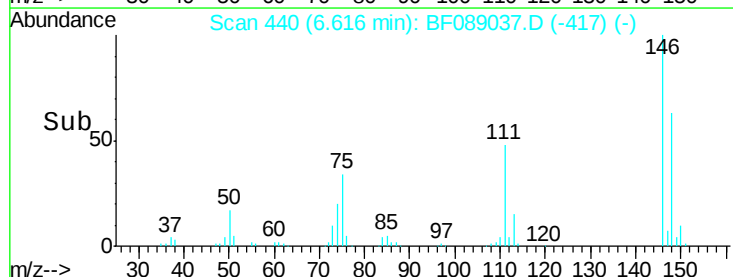
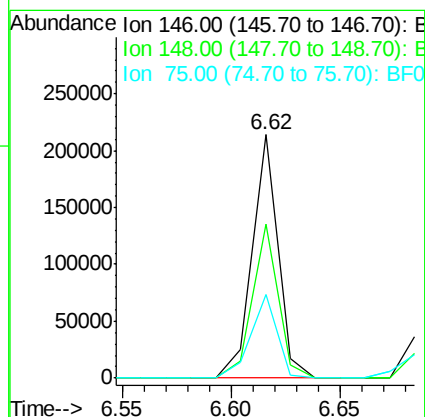
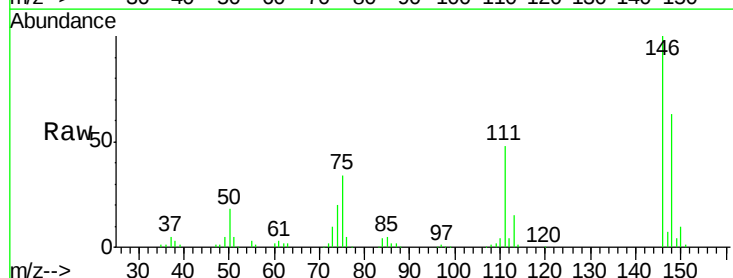
Tgt Ion: 146 Resp: 176226

Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

75 34.5 25.6 38.4

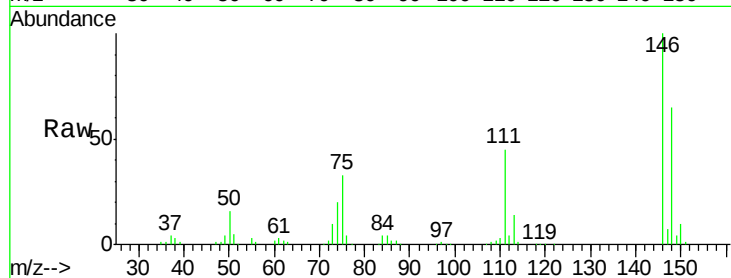




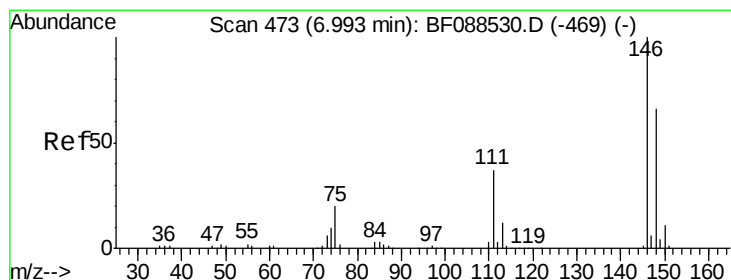
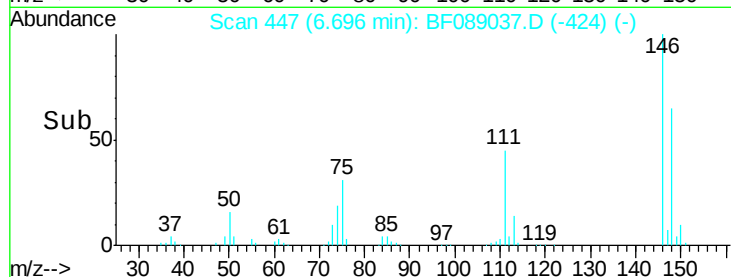
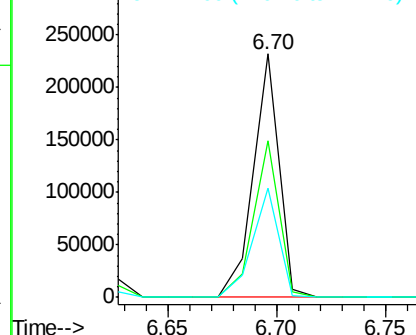
#13
 1,4-Dichlorobenzene
 Concen: 44.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	44.7	33.8	50.8

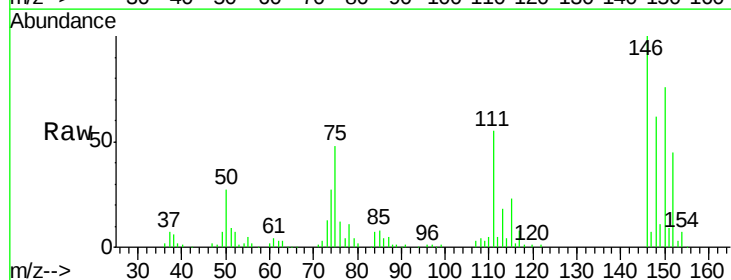


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

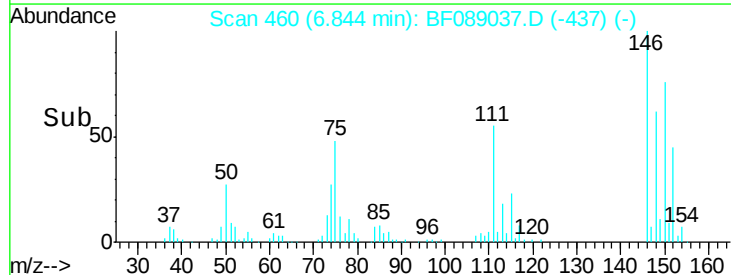
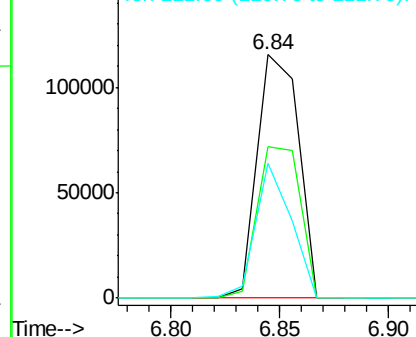


#14
 1,2-Dichlorobenzene
 Concen: 38.22 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
111	55.5	28.7	43.1#



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





#15

Benzyl Alcohol

Concen: 39.69 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

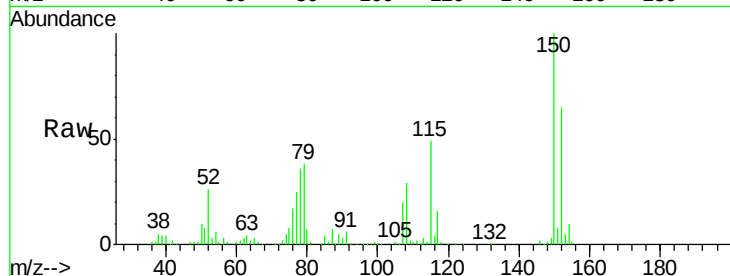
Tot Ion: 79 Resp: 138266

Ion Ratio Lower Upper

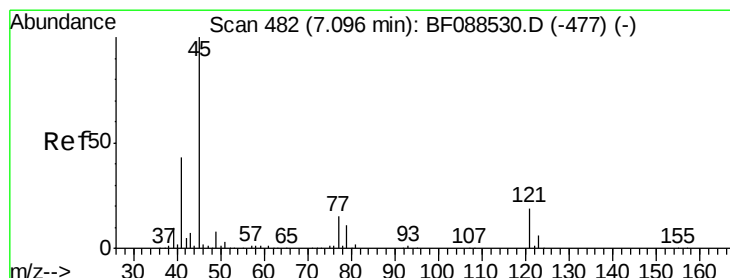
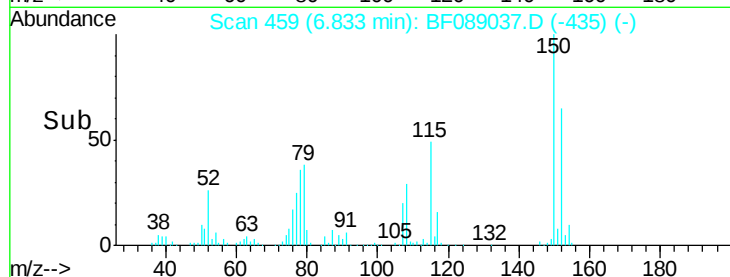
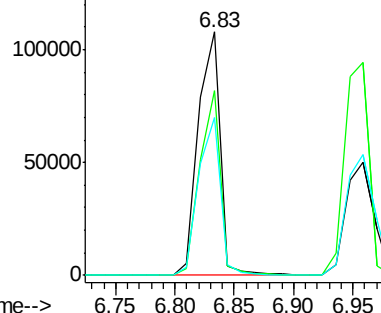
79 100

108 76.0 65.0 97.6

77 64.8 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.11 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

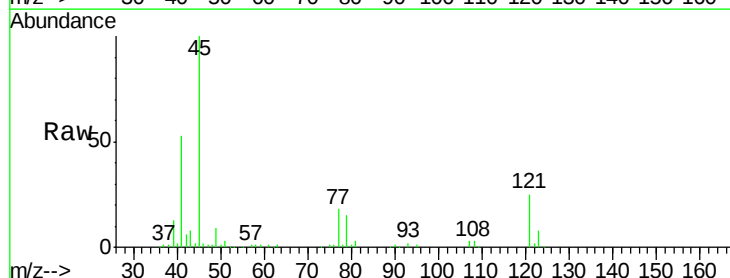
Tgt Ion: 45 Resp: 193169

Ion Ratio Lower Upper

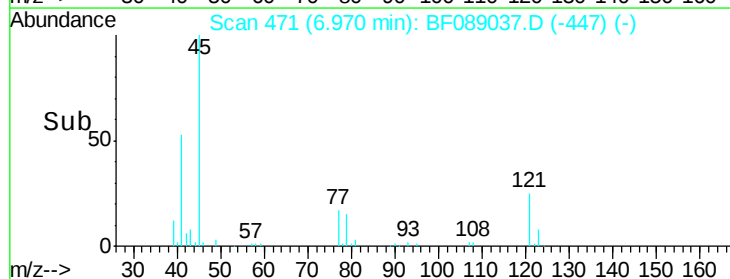
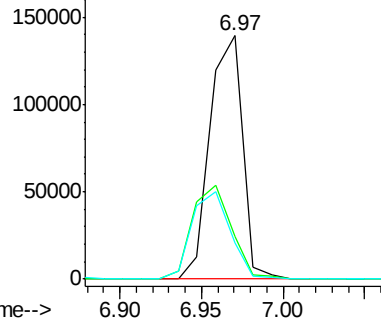
45 100

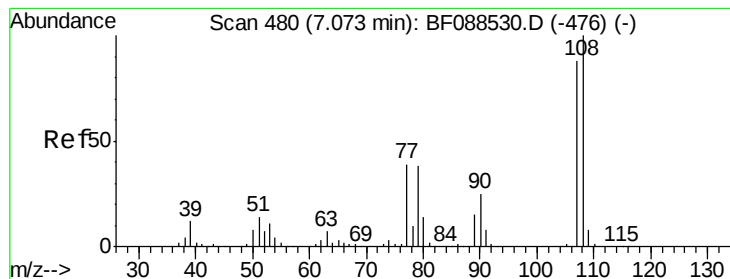
77 17.7 0.0 32.5

79 14.7 0.0 29.5



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





#17

2-Methylphenol

Concen: 37.95 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 121902

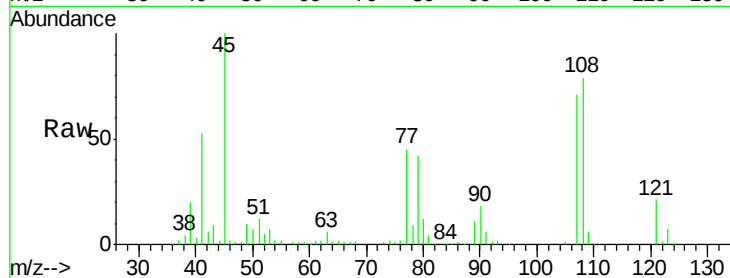
Ion Ratio Lower Upper

107 100

108 111.2 90.9 136.3

77 63.3 36.6 55.0#

79 59.0 36.5 54.7#



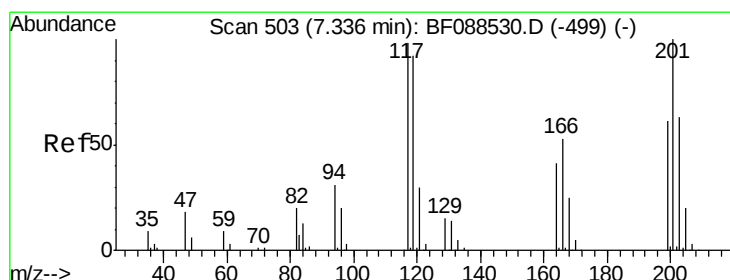
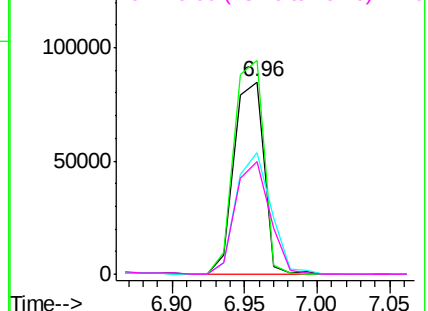
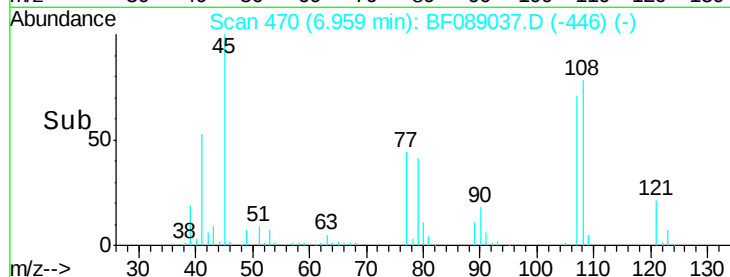
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.41 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

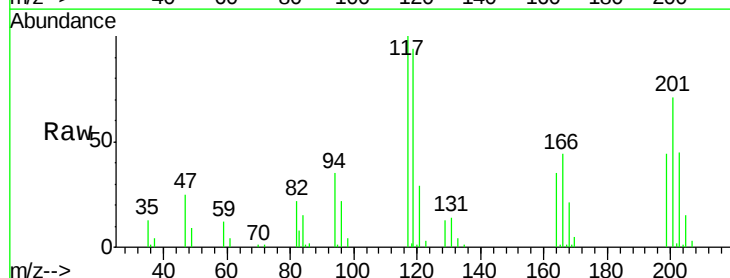
Tgt Ion:117 Resp: 50588

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.2

201 71.1 80.4 120.6#

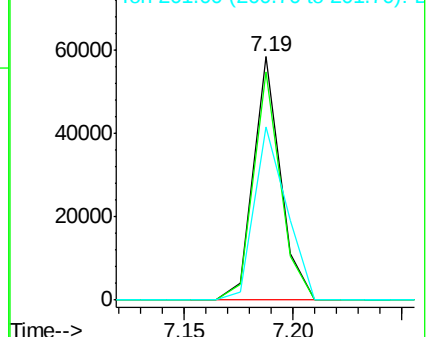
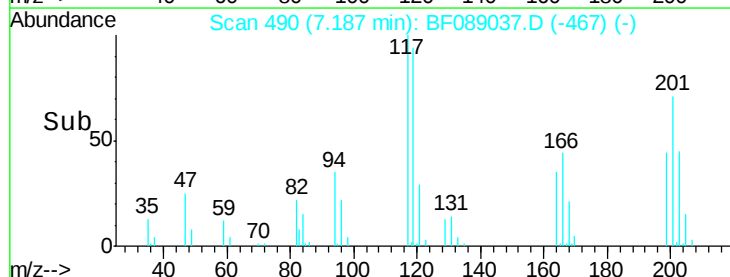


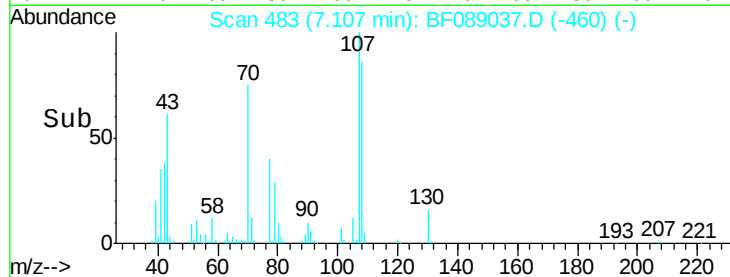
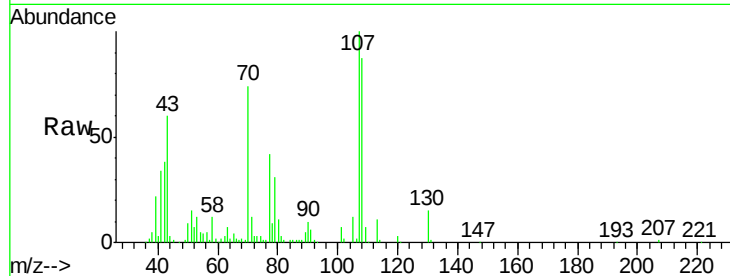
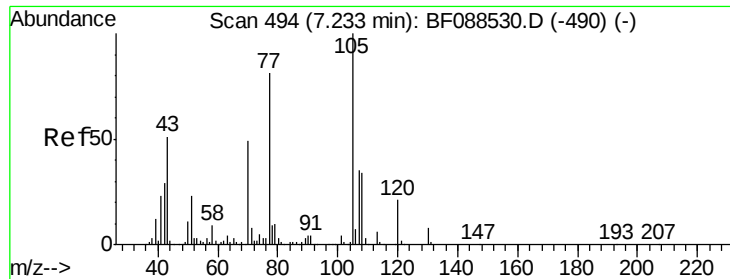
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

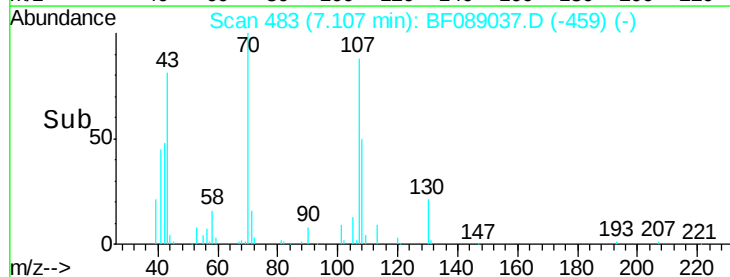
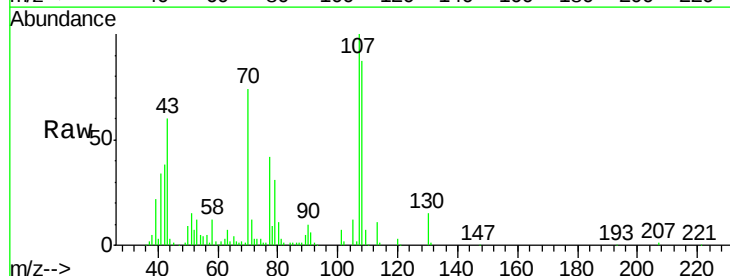
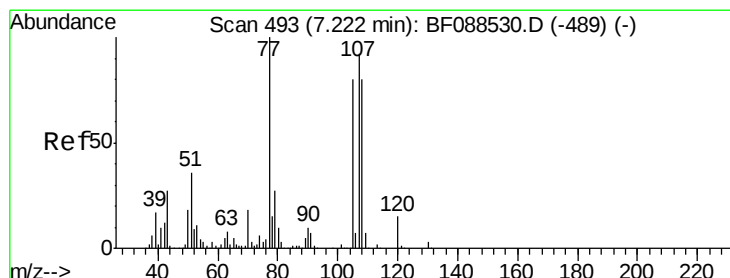
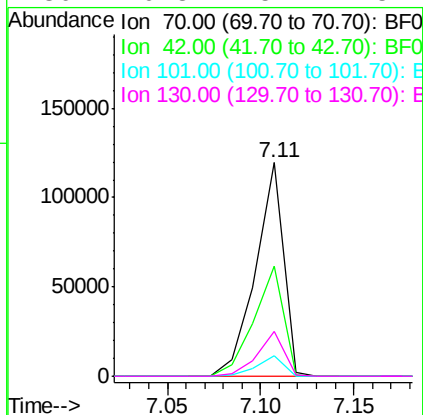




#19
n-Nitroso-di-n-propylamine
Concen: 38.87 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

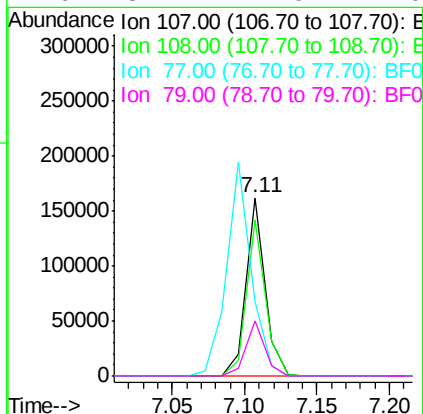
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

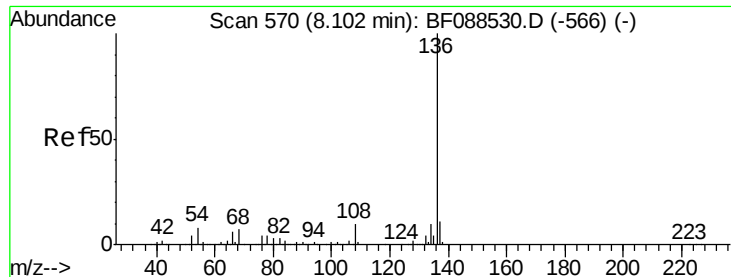
Tot Ion:	70	Resp:	123600
Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.6	74.4
101	9.6	7.1	10.7
130	20.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 38.36 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:	107	Resp:	147852
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.8	107.8
77	42.0	59.3	99.3#
79	31.1	7.0	47.0

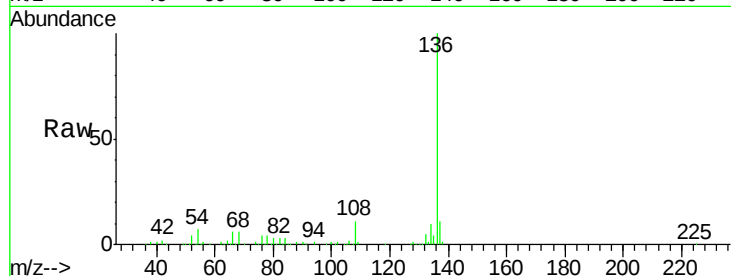




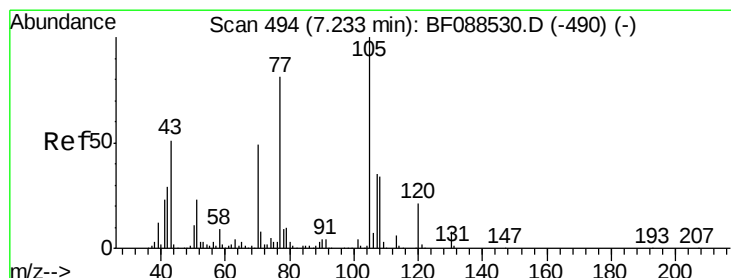
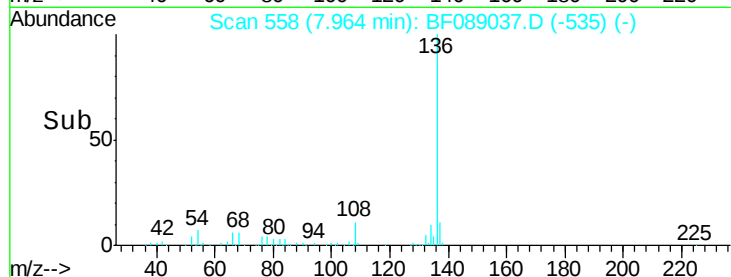
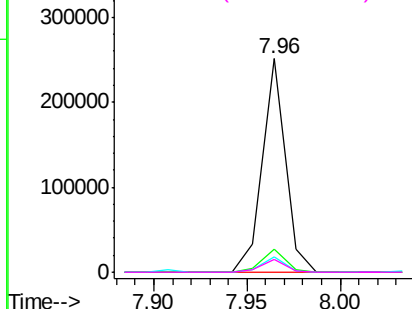
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	214553
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	7.4	6.6 10.0
68	5.9	5.1 7.7

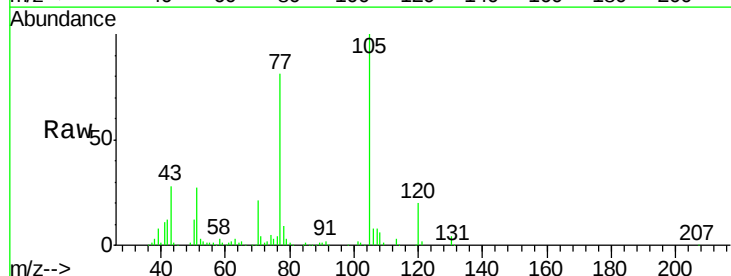


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

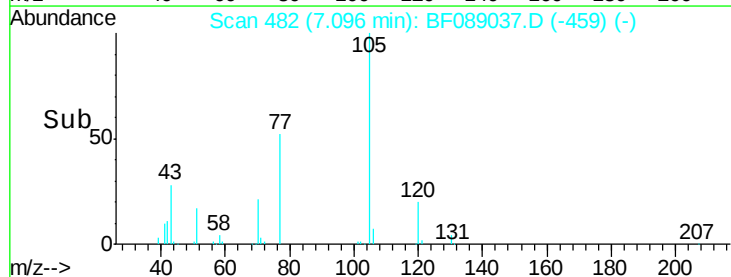
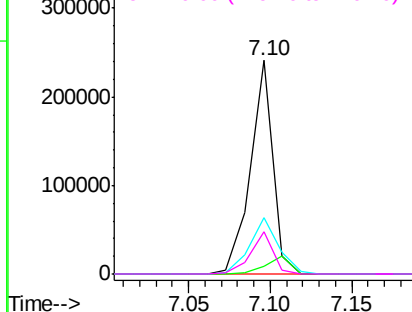


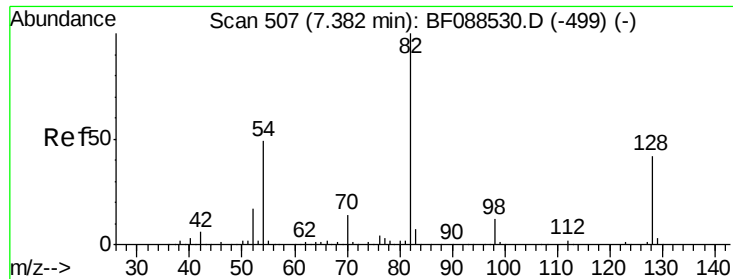
#22
Acetophenone
Concen: 44.08 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:105	Resp:	229538
Ion Ratio	Lower	Upper
105	100	
71	3.5	5.3 7.9#
51	26.6	18.2 27.4
120	19.8	18.0 27.0



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

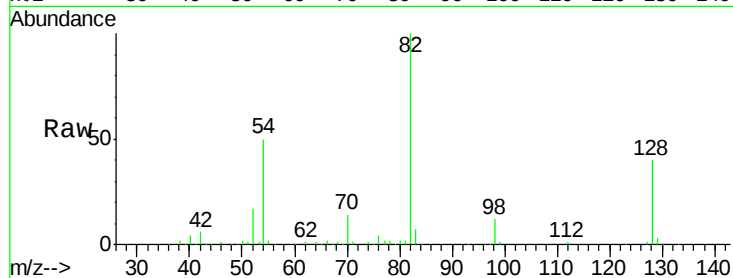




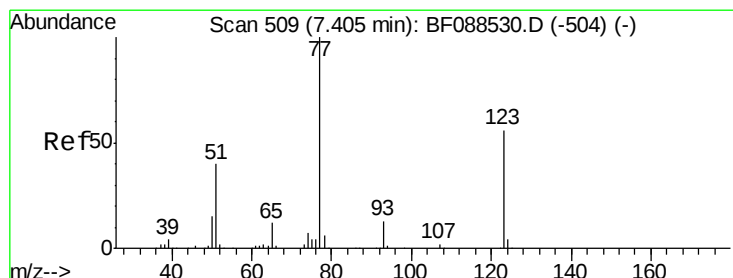
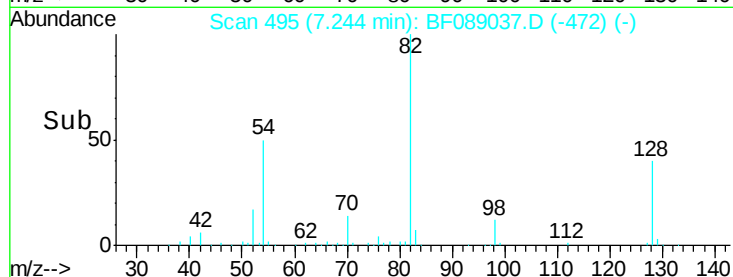
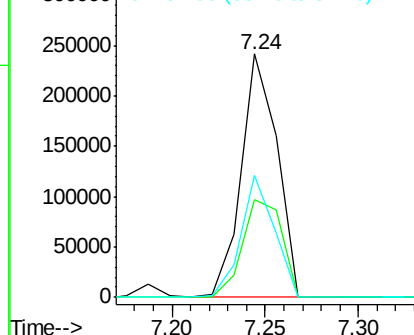
#23
Nitrobenzene-d5
Concen: 78.54 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 321549
Ion Ratio Lower Upper
82 100
128 39.9 35.9 53.9
54 50.2 40.9 61.3

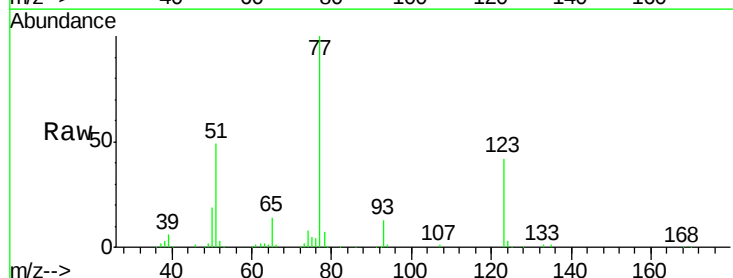


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

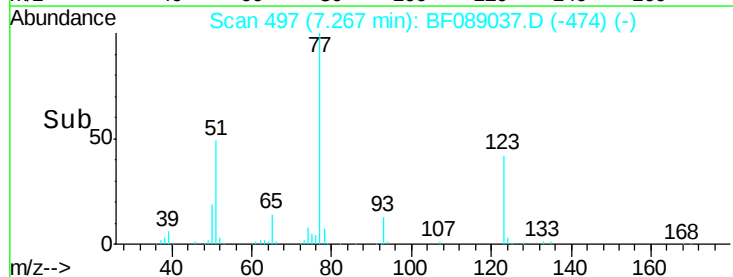
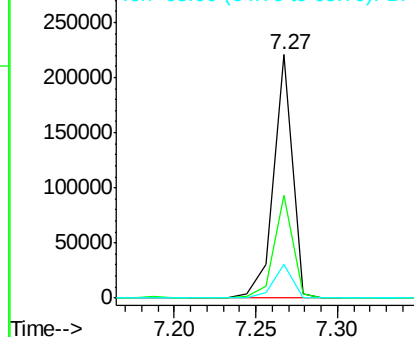


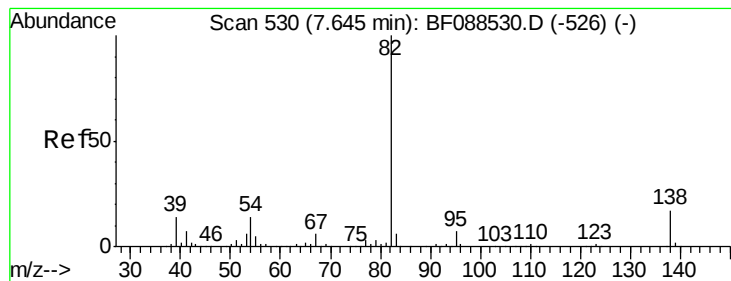
#24
Nitrobenzene
Concen: 43.10 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion: 77 Resp: 177921
Ion Ratio Lower Upper
77 100
123 42.5 45.0 67.4#
65 13.6 10.2 15.2



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





#25

Isophorone

Concen: 38.28 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

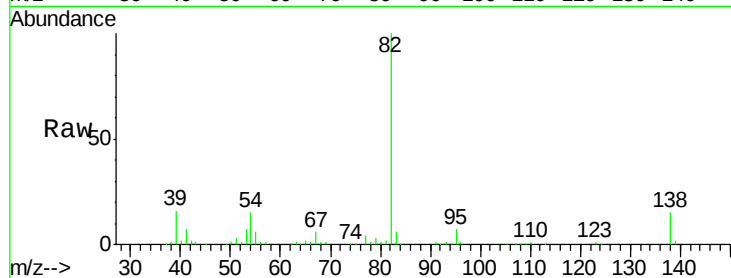
Tot Ion: 82 Resp: 290311

Ion Ratio Lower Upper

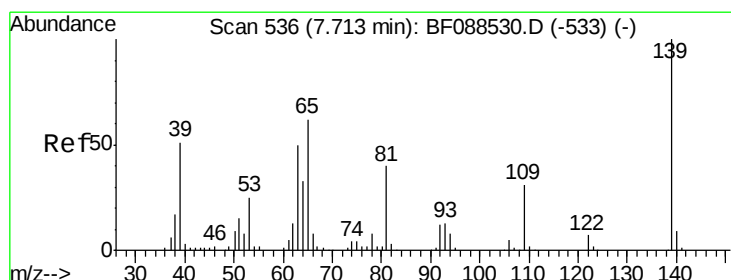
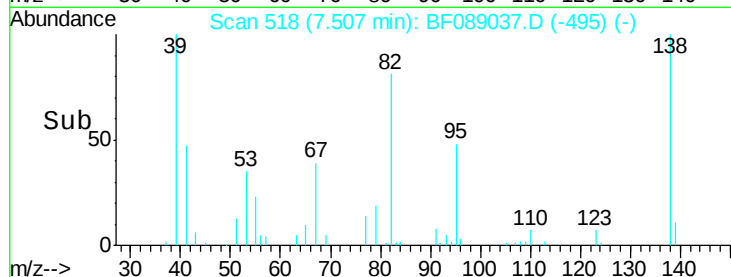
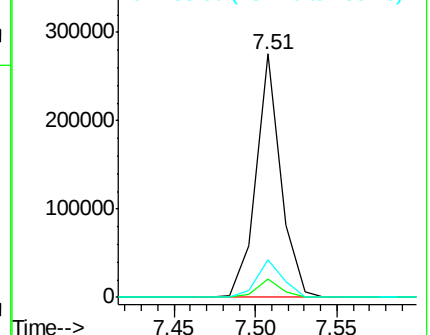
82 100

95 7.4 5.4 8.2

138 15.2 14.6 21.8



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



#26

2-Nitrophenol

Concen: 36.67 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

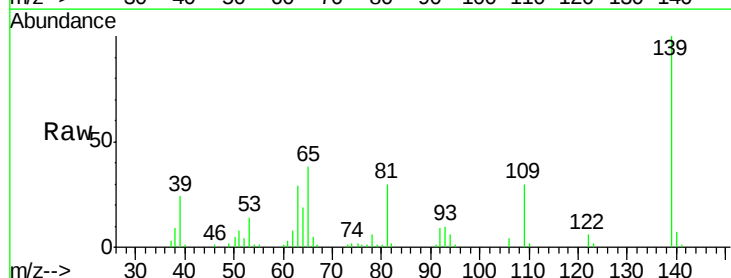
Tgt Ion: 139 Resp: 62068

Ion Ratio Lower Upper

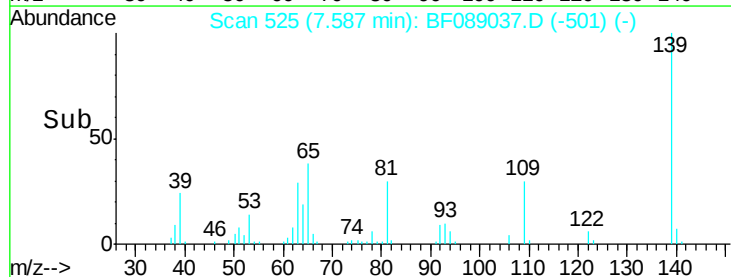
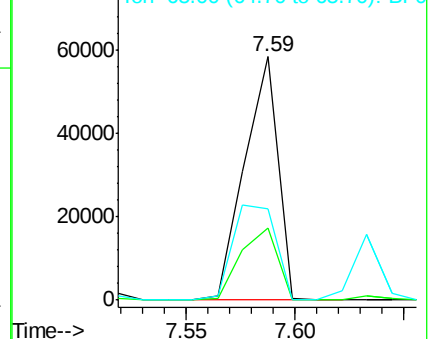
139 100

109 29.7 23.0 34.4

65 37.6 45.8 68.8#



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

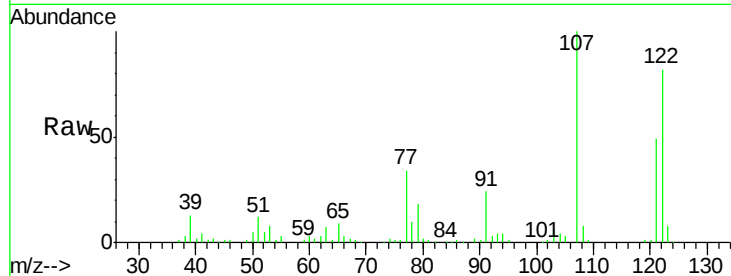




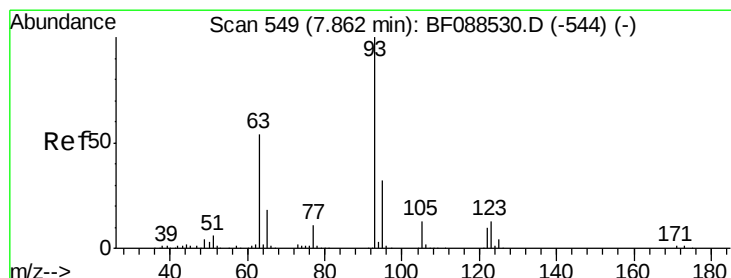
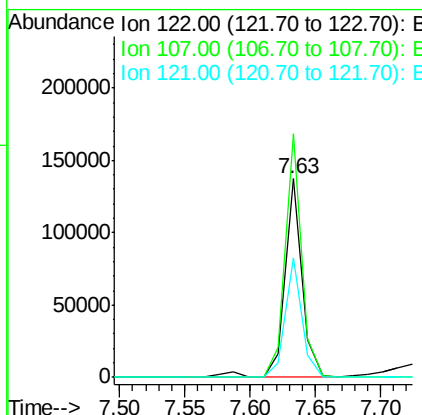
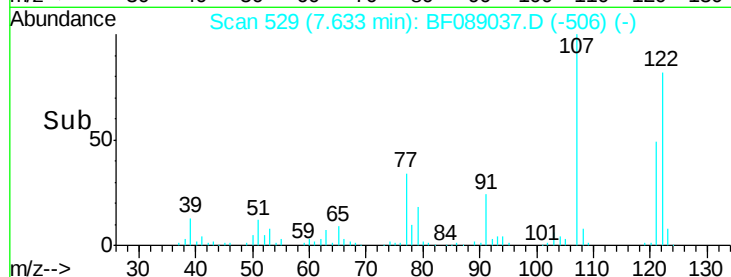
#27
2,4-Dimethylphenol
Concen: 36.28 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 127924
Ion Ratio Lower Upper
122 100
107 122.7 82.4 123.6
121 60.2 46.3 69.5

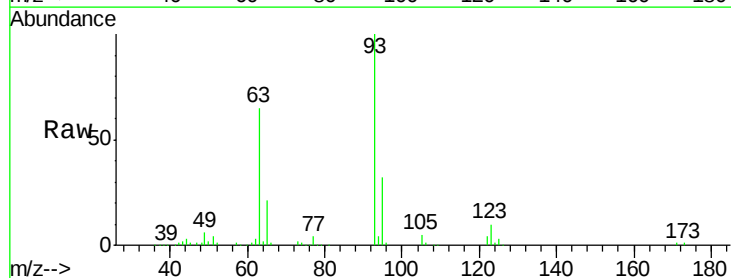


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

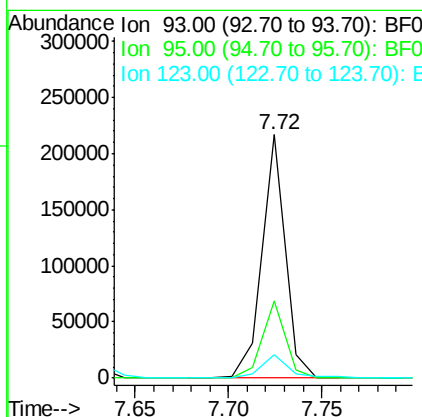
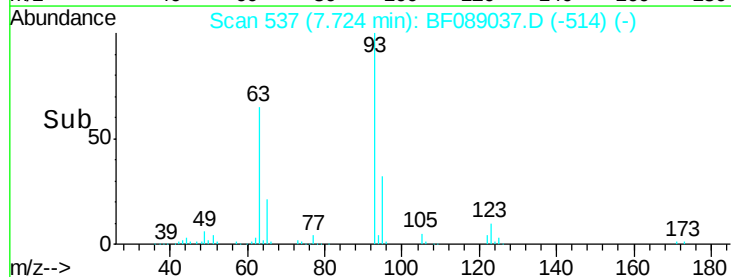


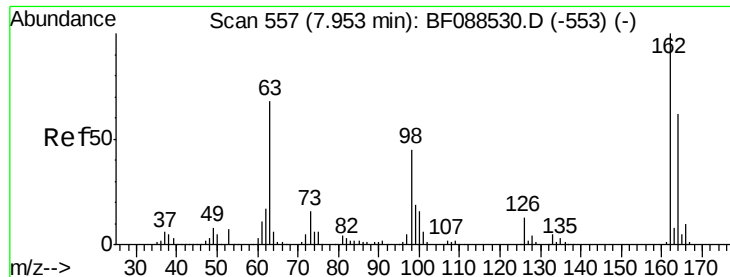
#28
bis(2-Chloroethoxy)methane
Concen: 37.56 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion: 93 Resp: 185369
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 9.7 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

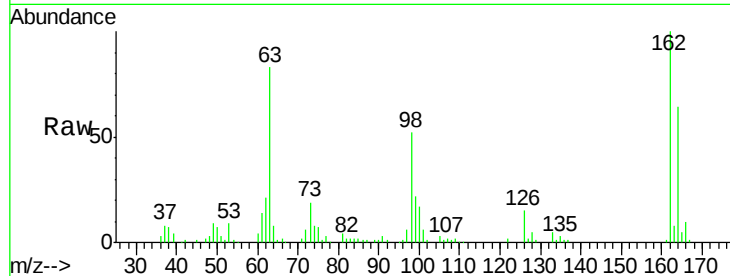




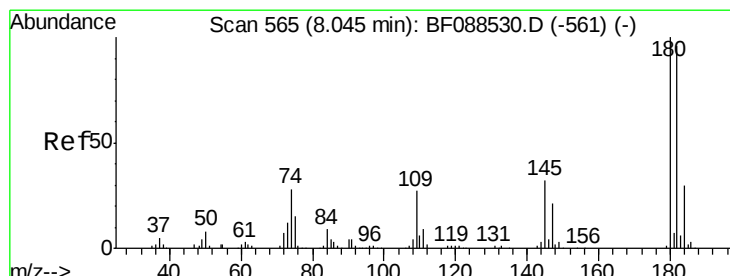
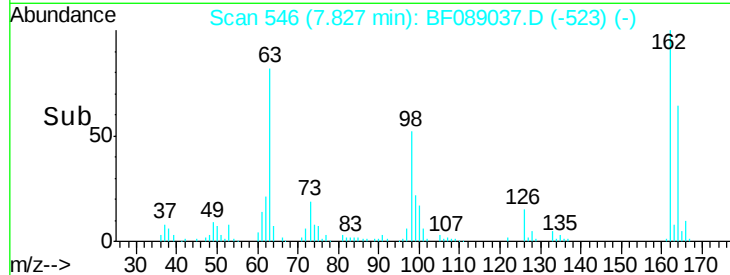
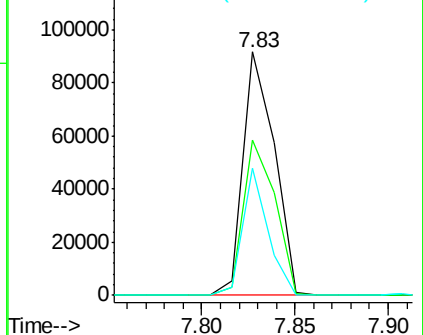
#29
 2,4-Dichlorophenol
 Concen: 37.40 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 106561
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.8 83.8
 98 52.0 21.3 61.3

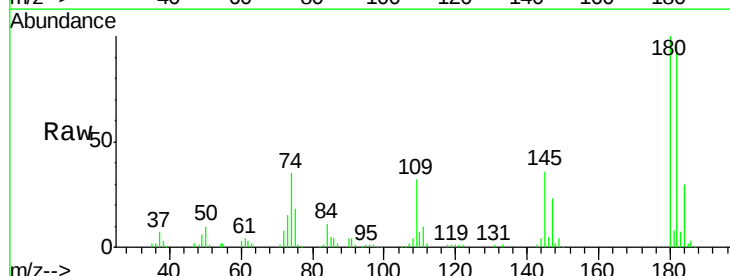


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

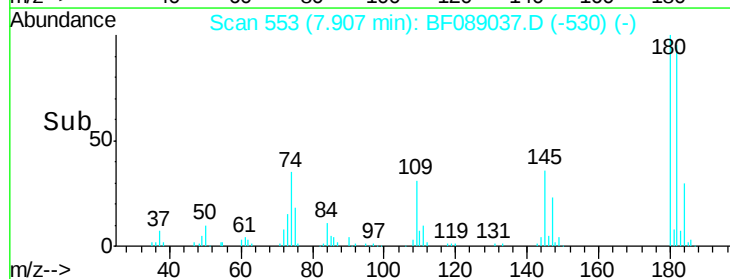
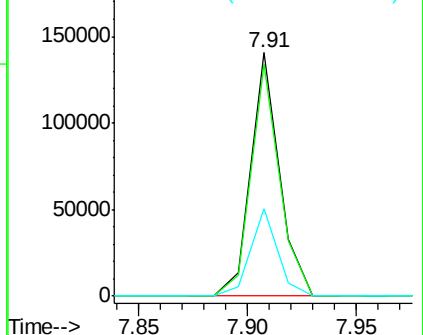


#30
 1,2,4-Trichlorobenzene
 Concen: 40.88 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:180 Resp: 127814
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 36.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

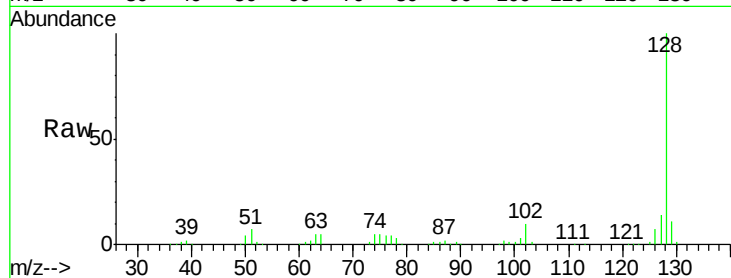




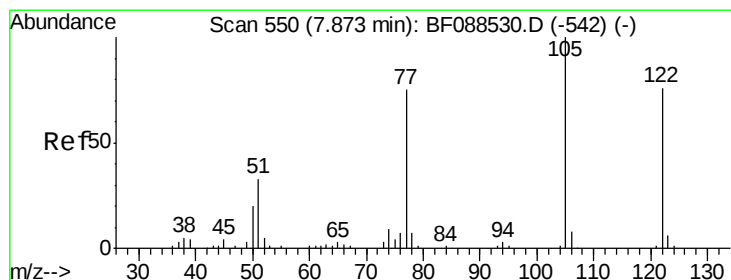
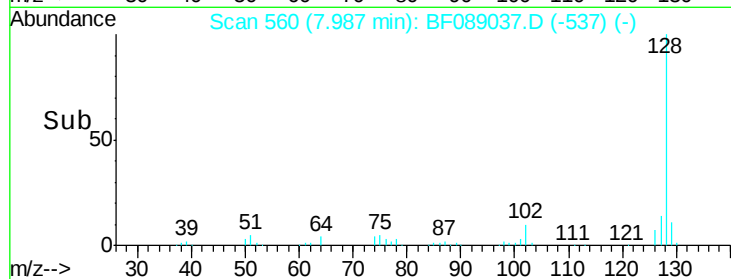
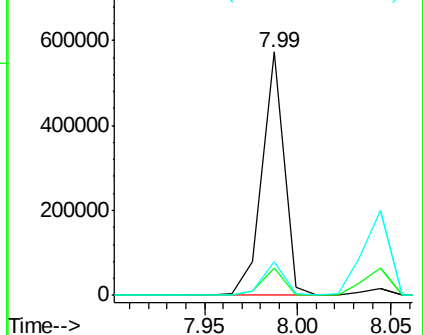
#31
Naphthalene
Concen: 43.86 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 463880
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.7 10.9 16.3

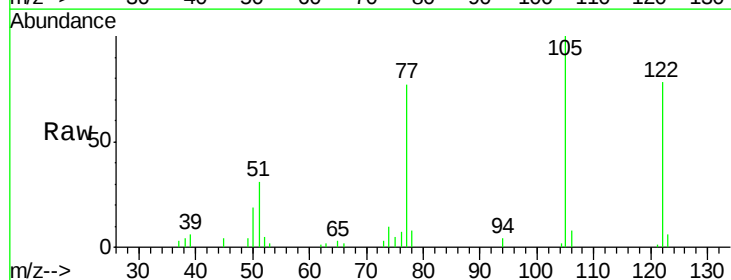


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

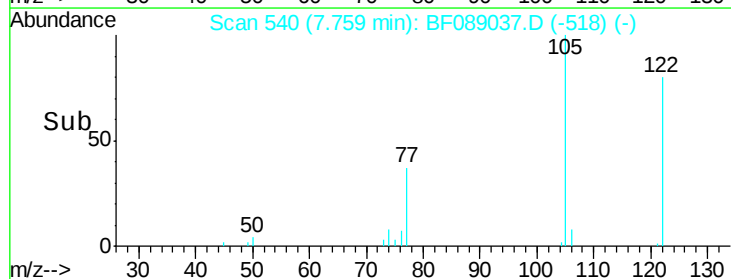
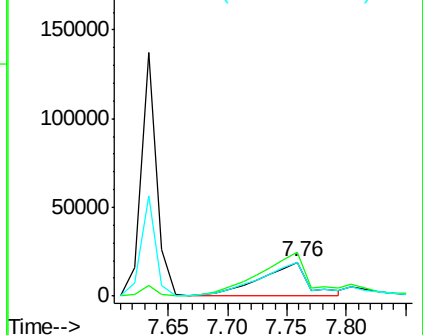


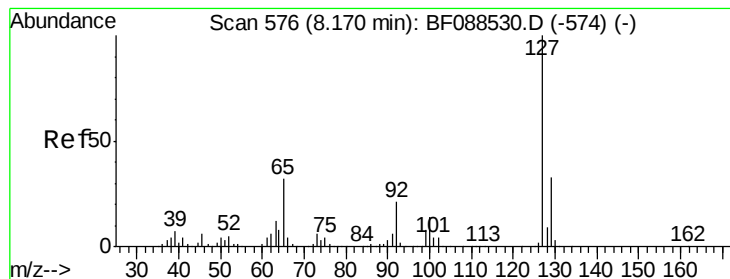
#32
Benzoic acid
Concen: 20.16 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:122 Resp: 51613
Ion Ratio Lower Upper
122 100
105 127.5 101.6 141.6
77 97.9 70.6 110.6



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: 42.77 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

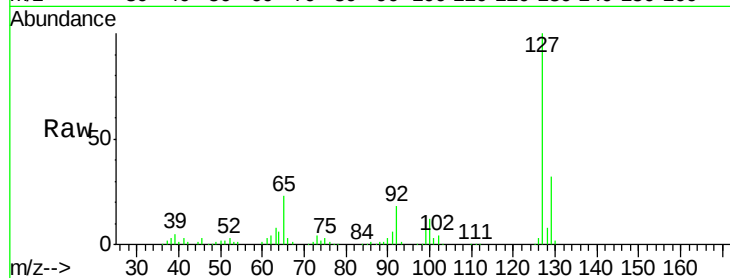
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	127	Resp:	201281
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	22.8	24.7	37.1#
92	18.1	15.4	23.0

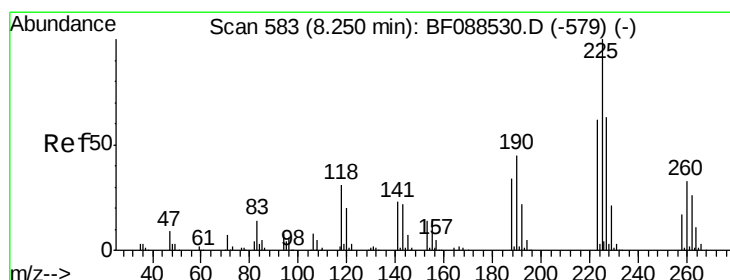
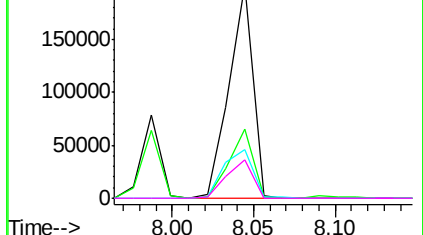
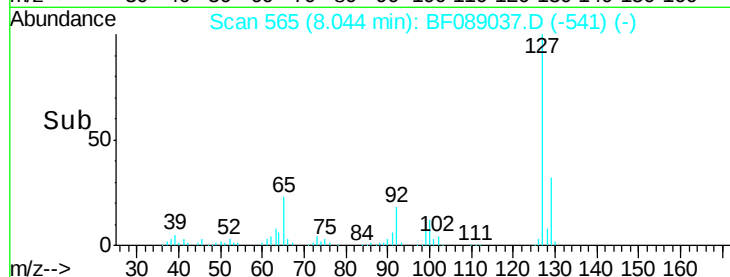


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 45.99 ng

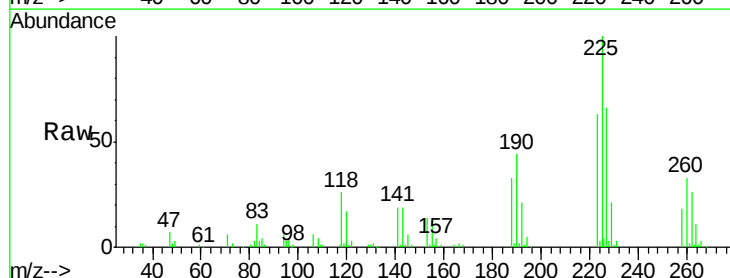
RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

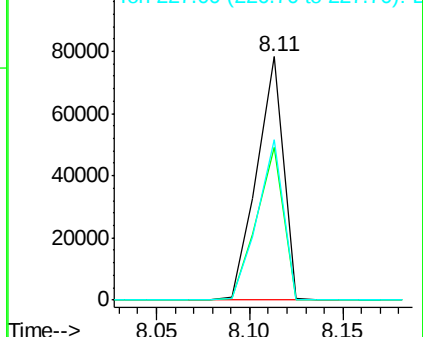
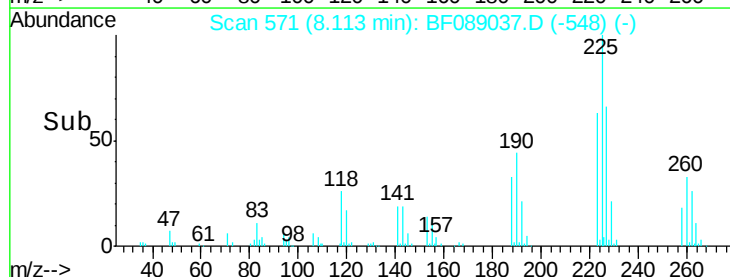
Tgt Ion:	225	Resp:	77000
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	65.7	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

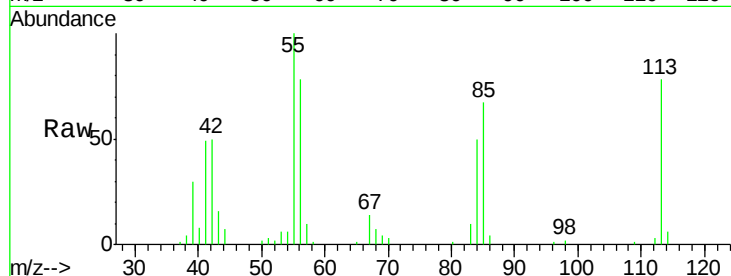




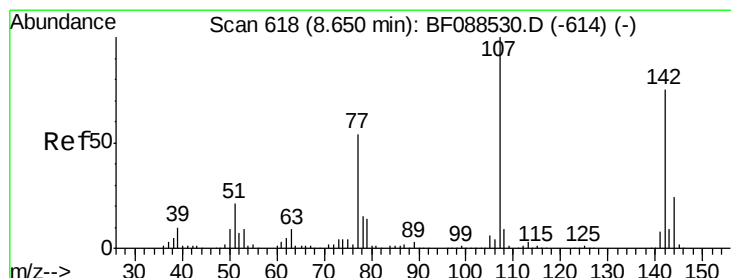
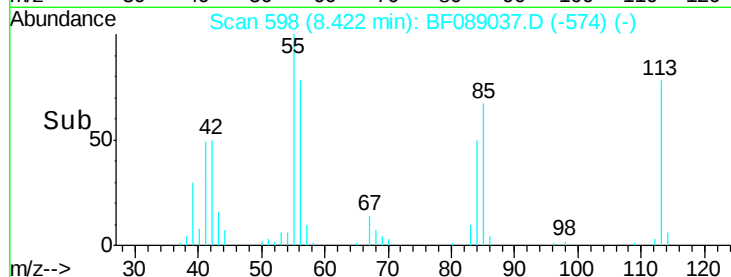
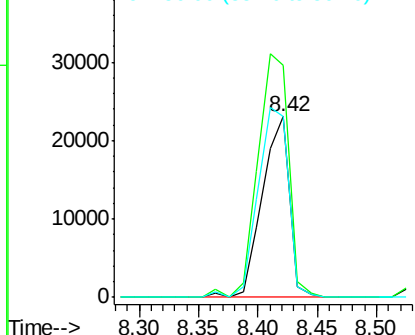
#35
 Caprolactam
 Concen: 38.14 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 36904
 Ion Ratio Lower Upper
 113 100
 55 128.5 158.6 198.6#
 56 100.1 110.6 150.6#

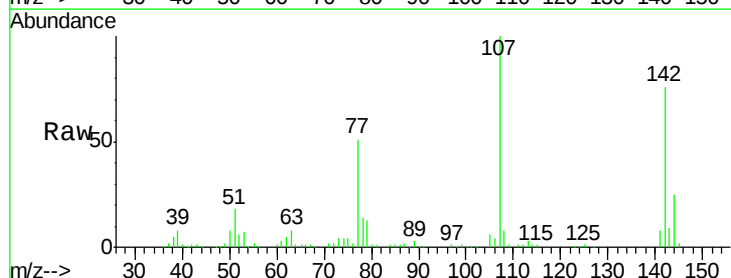


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

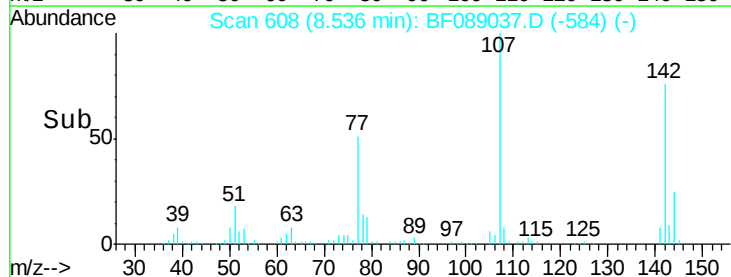
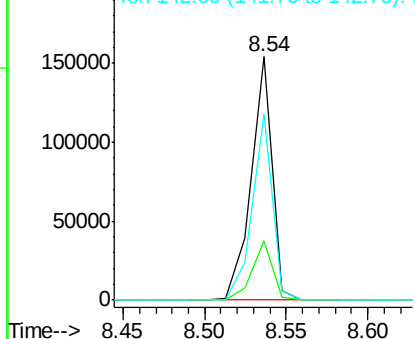


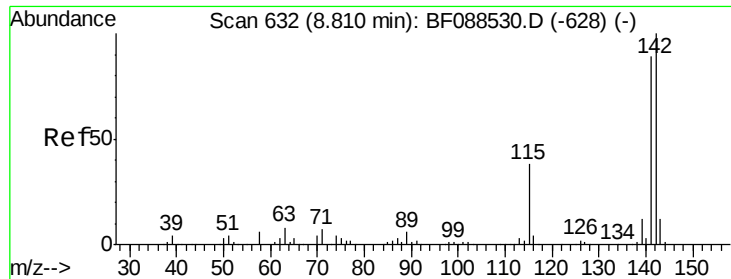
#36
 4-Chloro-3-methylphenol
 Concen: 40.82 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:107 Resp: 137527
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 76.2 63.4 95.2



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

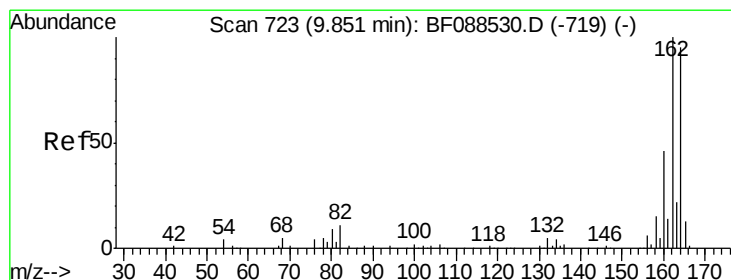
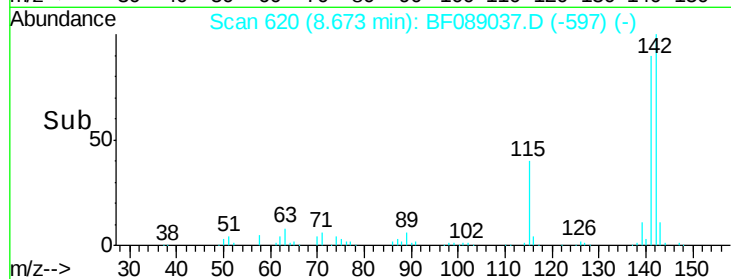
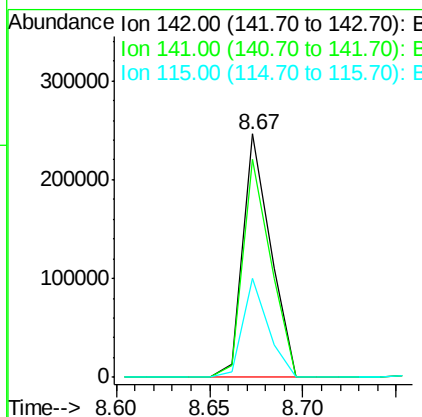
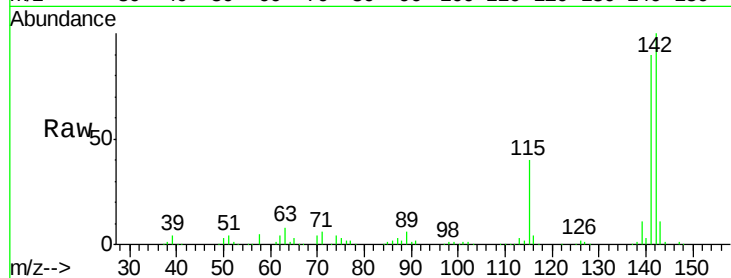




#37
 2-Methylnaphthalene
 Concen: 37.26 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

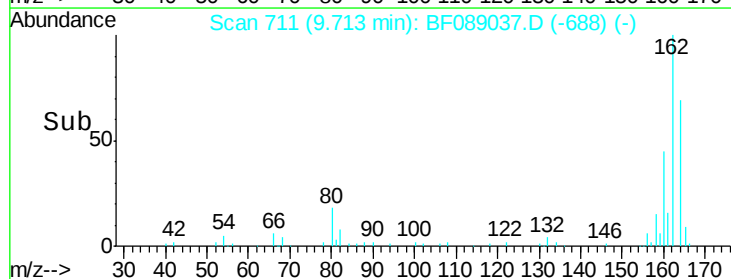
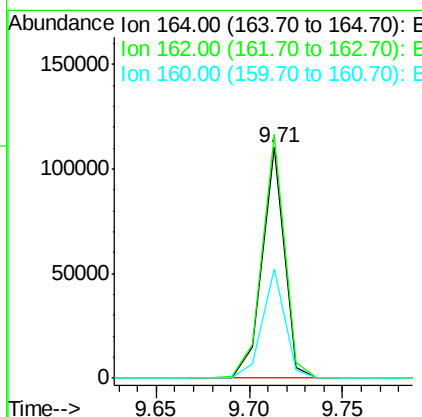
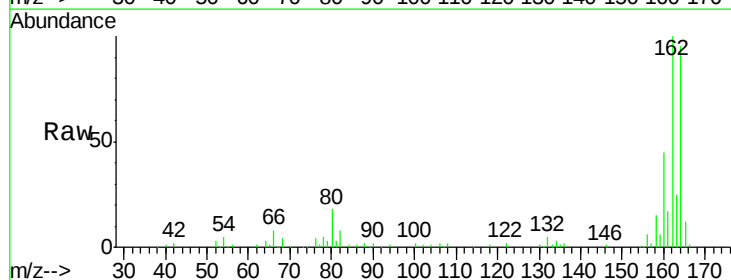
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

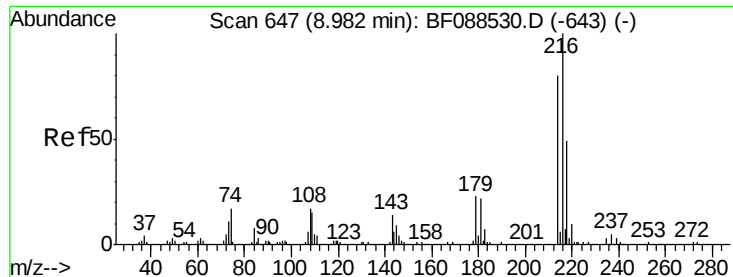
Tot Ion:142 Resp: 253778
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 40.5 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:164 Resp: 89850
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.4 128.2
 160 47.2 39.5 59.3

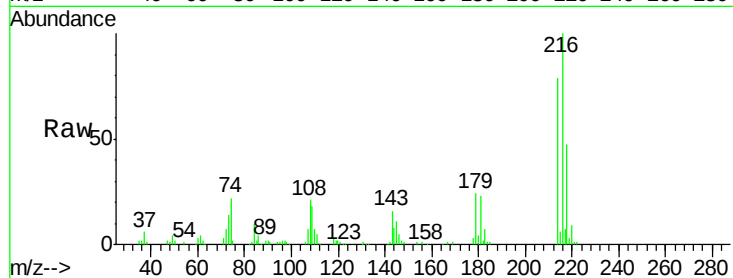




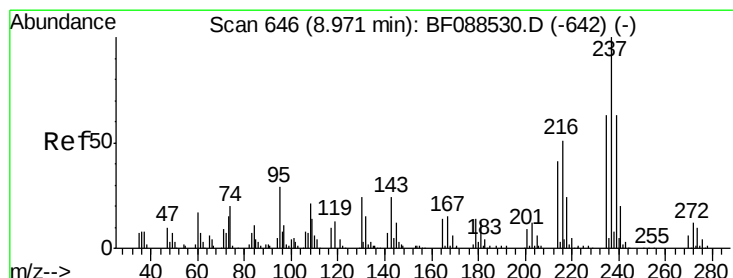
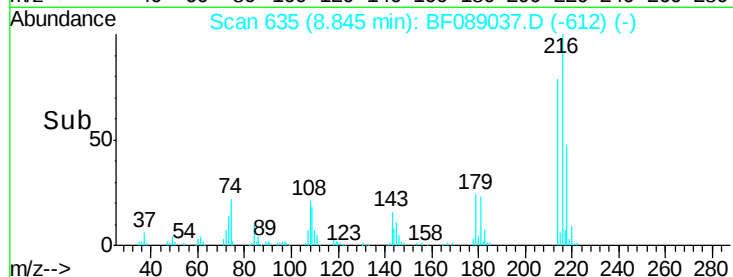
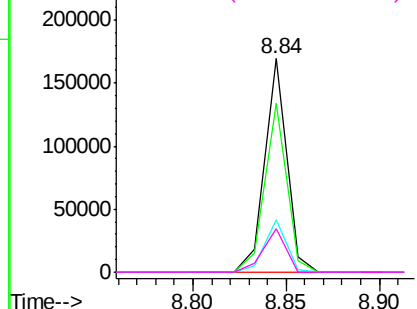
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.93 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	137272
Ion Ratio		Lower	Upper
216	100		
214	79.3	2.9	4.3#
179	24.1	0.0	0.0#
108	21.5	0.5	0.7#

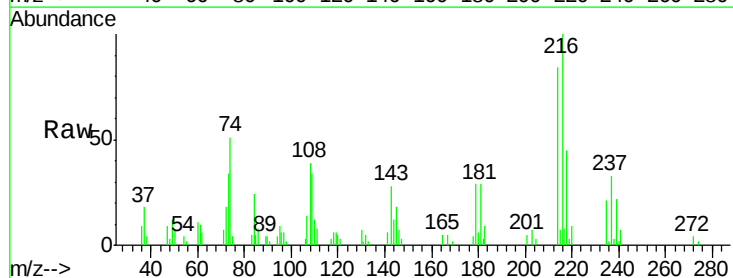


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

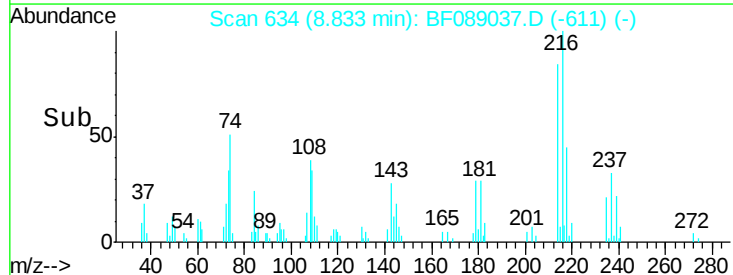
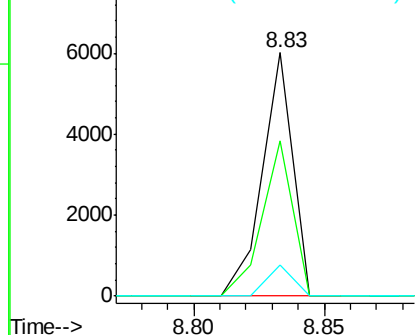


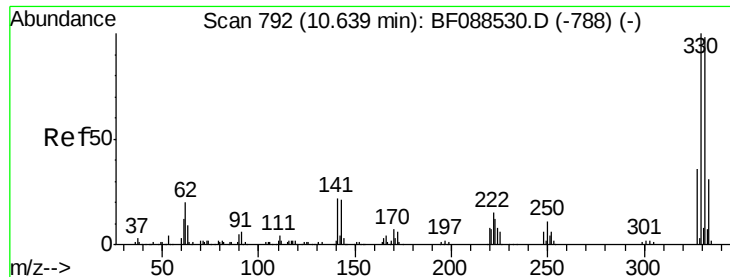
#40
 Hexachlorocyclopentadiene
 Concen: 3.34 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:	237	Resp:	4901
Ion Ratio		Lower	Upper
237	100		
235	64.0	43.4	83.4
272	12.8	0.0	32.3



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

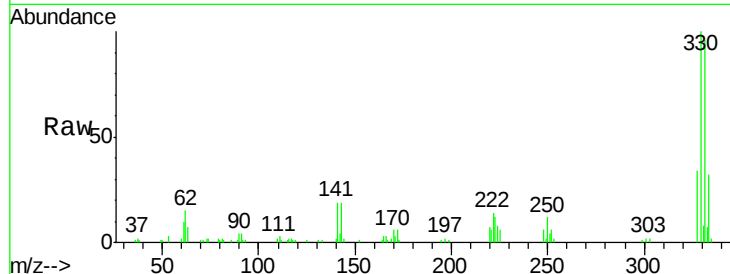




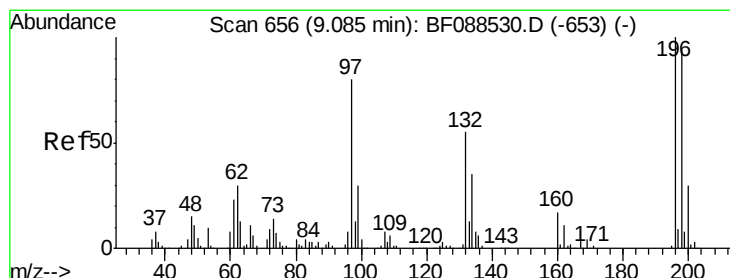
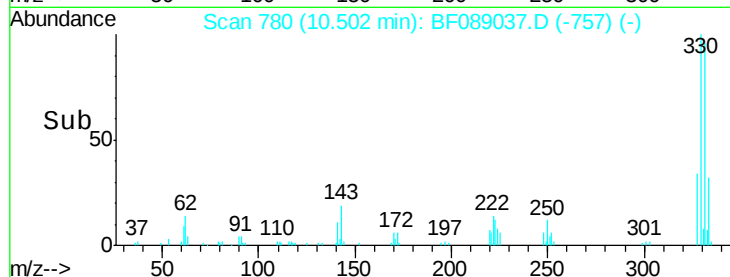
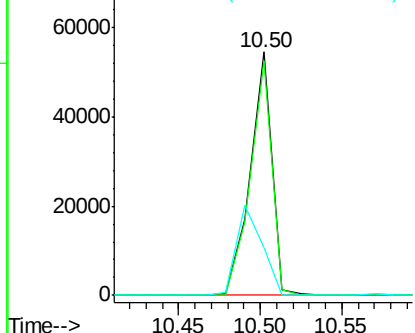
#41
 2,4,6-Tribromophenol
 Concen: 60.36 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 50365
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 42.6 0.0 0.0#

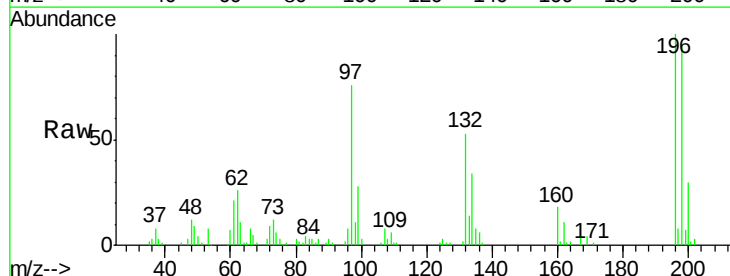


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

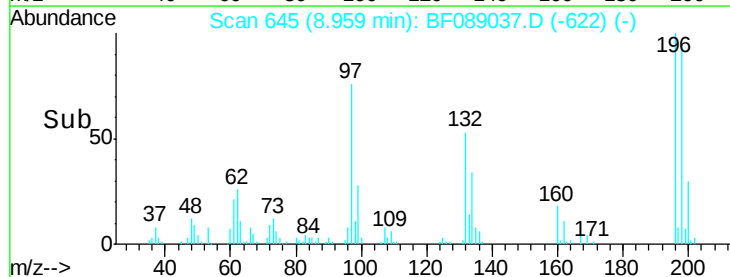
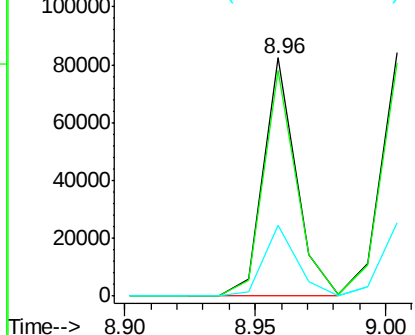


#42
 2,4,6-Trichlorophenol
 Concen: 35.89 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:196 Resp: 70710
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 200 29.6 25.4 38.2



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

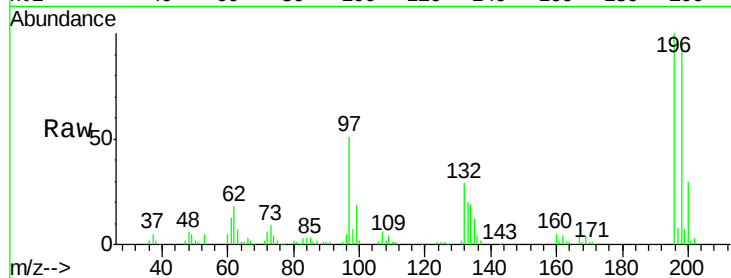




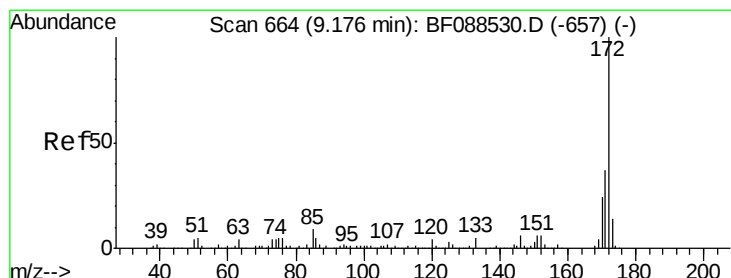
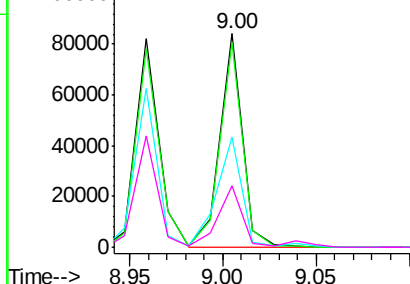
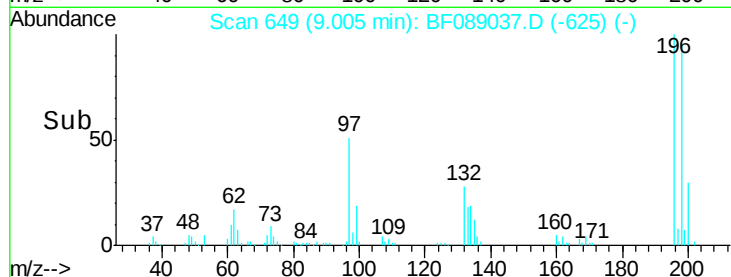
#43
 2,4,5-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 70605
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.5 116.3
 97 51.4 32.0 48.0#
 132 29.0 20.9 31.3

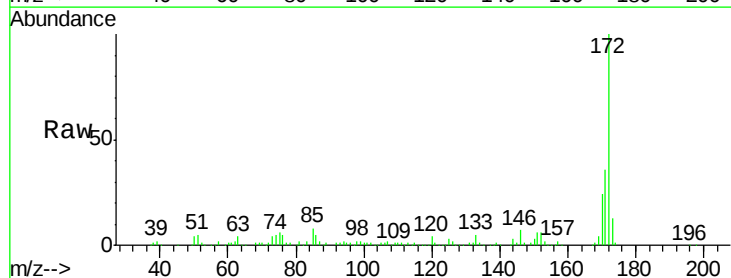


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

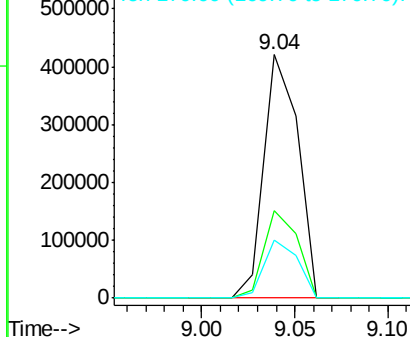
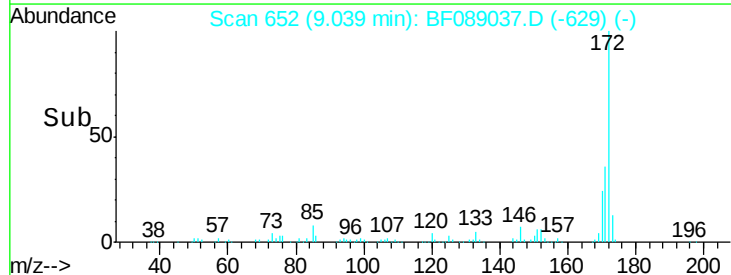


#44
 2-Fluorobiphenyl
 Concen: 94.00 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:172 Resp: 534666
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 19.2 28.8



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: 46.50 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

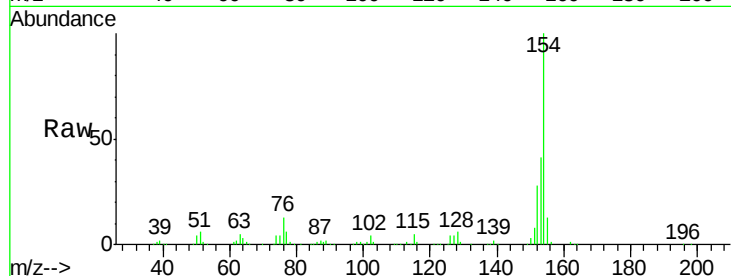
Tot Ion:154 Resp: 345951

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

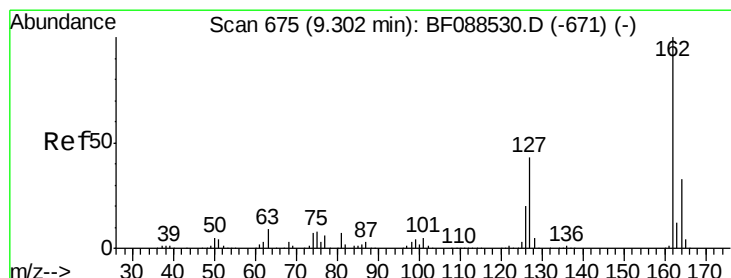
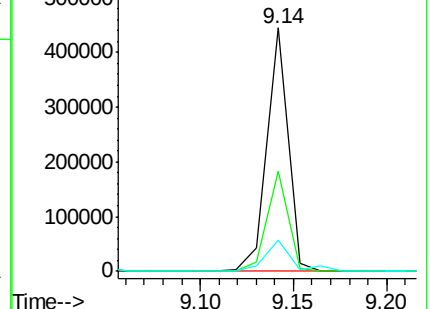
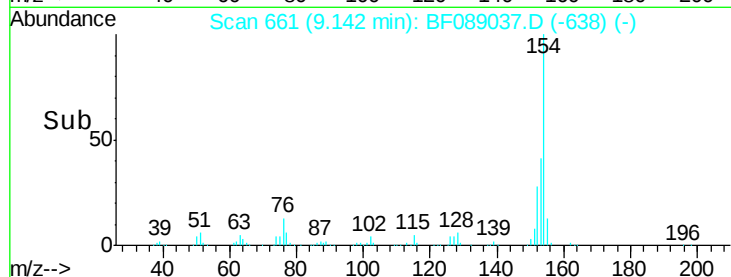
76 13.0 0.0 35.1



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: 44.86 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

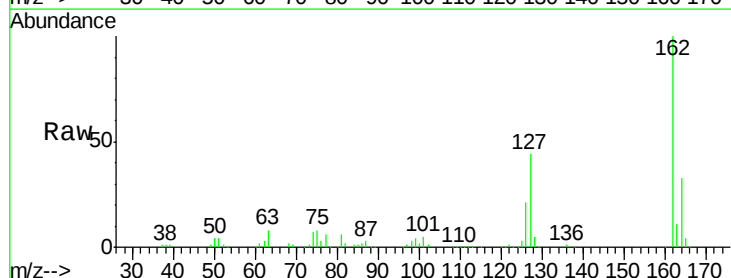
Tgt Ion:162 Resp: 262040

Ion Ratio Lower Upper

162 100

127 43.9 35.2 52.8

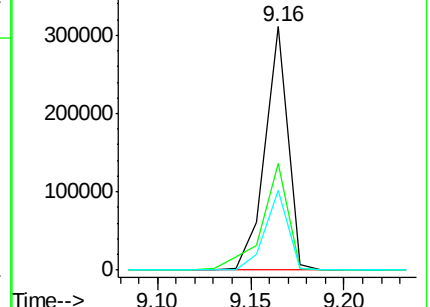
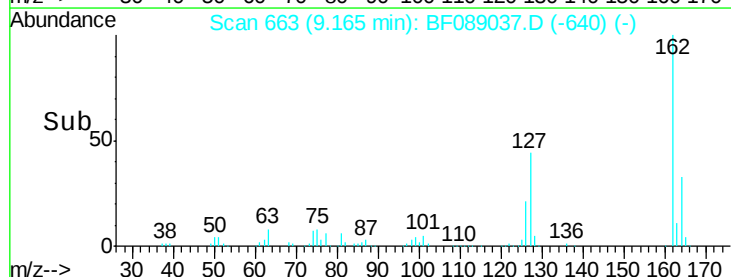
164 32.7 26.6 39.8



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

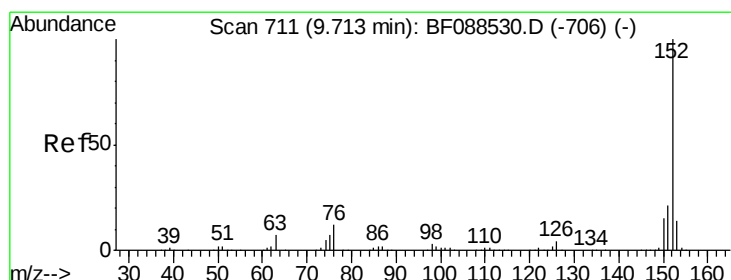
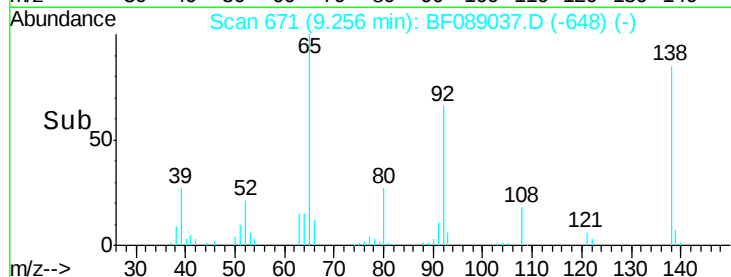
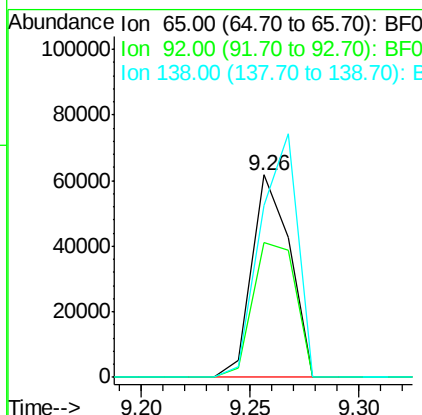
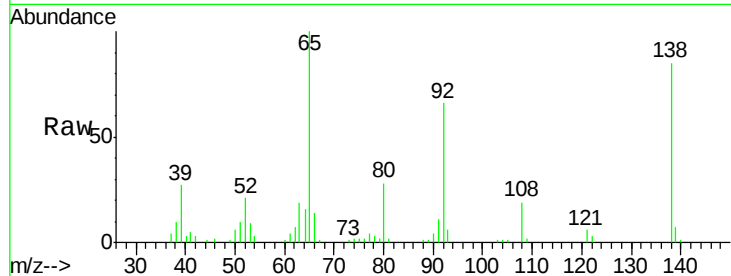




#47
2-Nitroaniline
Concen: 36.21 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

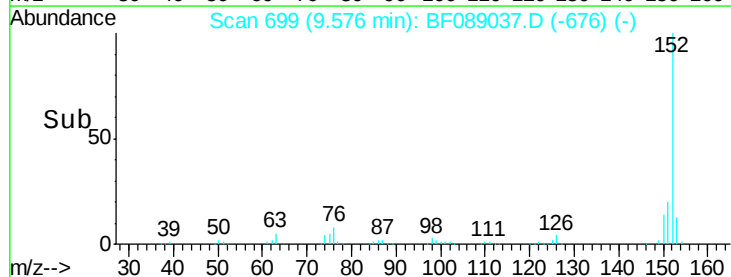
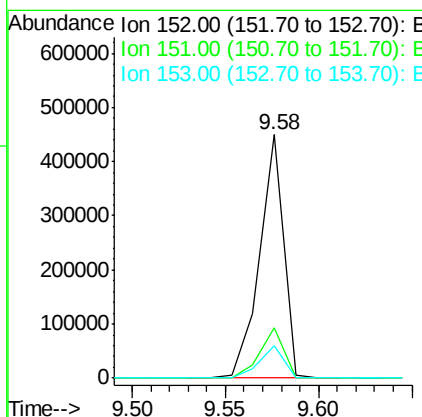
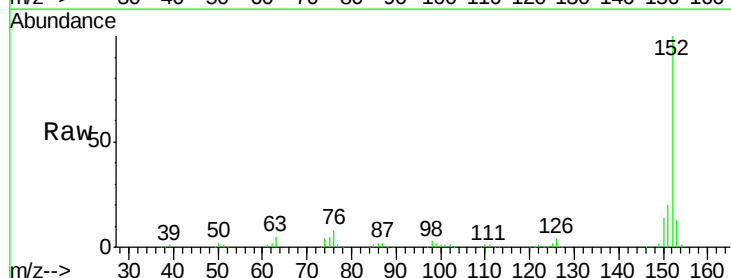
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

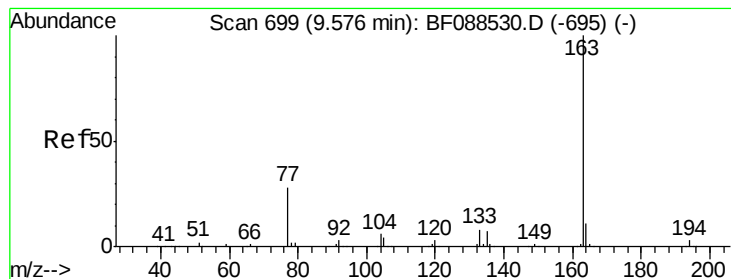
Tot Ion: 65 Resp: 75061
Ion Ratio Lower Upper
65 100
92 66.4 54.6 82.0
138 85.0 77.0 115.4



#48
Acenaphthylene
Concen: 42.76 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion: 152 Resp: 397377
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 48.94 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

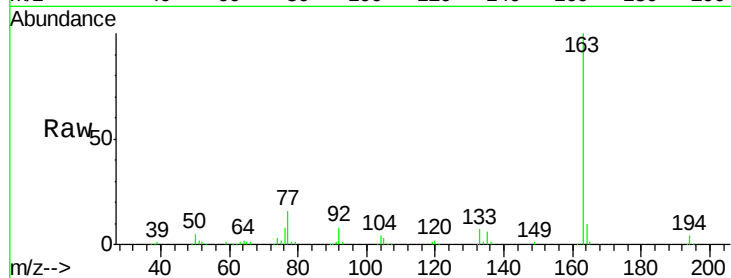
Tot Ion:163 Resp: 313272

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

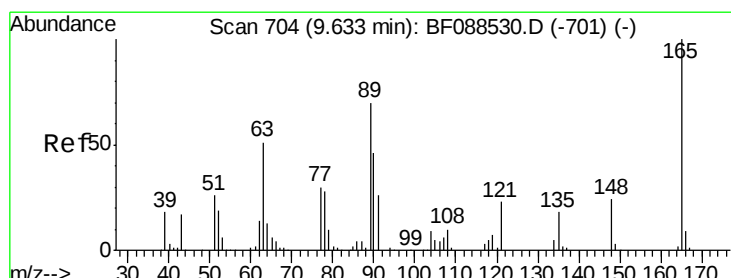
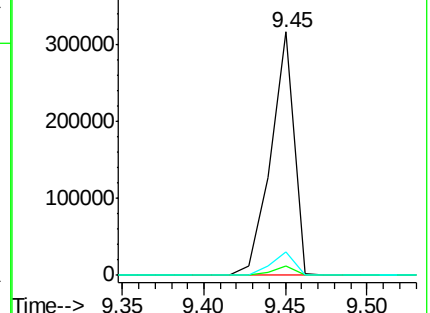
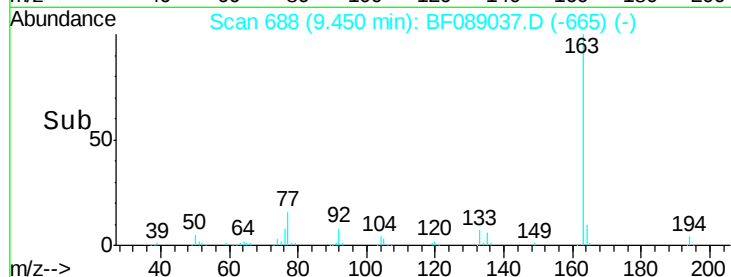
164 9.5 8.3 12.5



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: 43.06 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

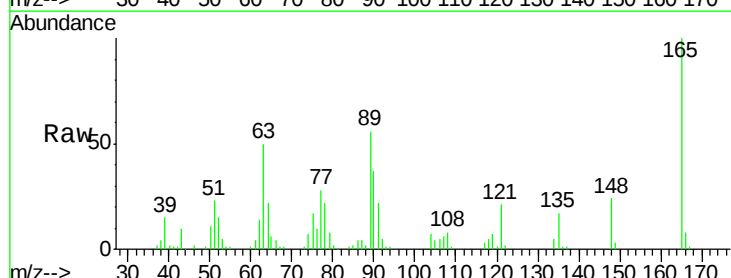
Tgt Ion:165 Resp: 61092

Ion Ratio Lower Upper

165 100

63 50.2 28.1 42.1#

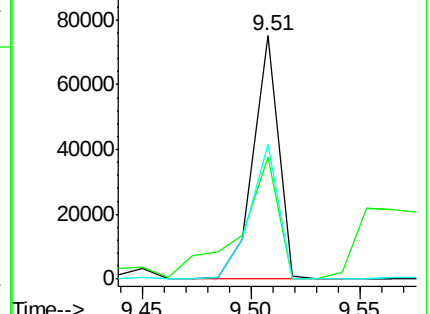
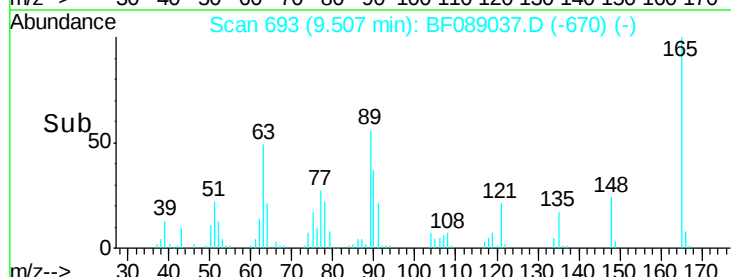
89 55.6 32.2 48.2#

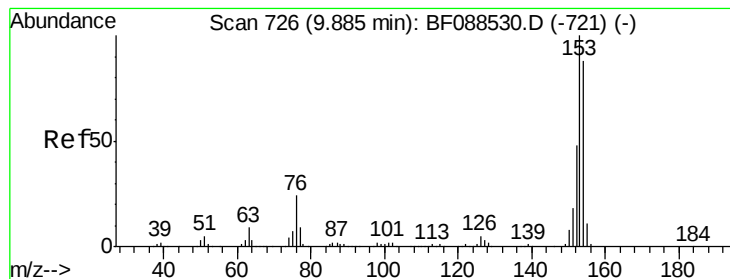


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.25 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

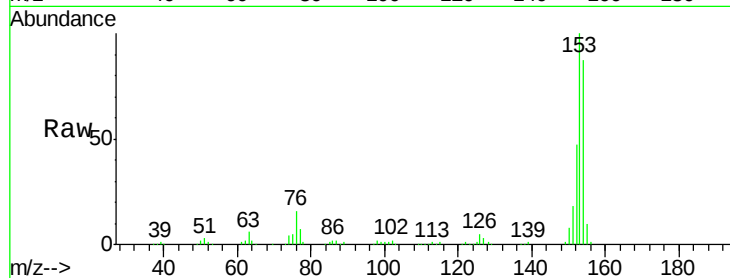
Tot Ion:154 Resp: 234976

Ion Ratio Lower Upper

154 100

153 115.1 89.5 134.3

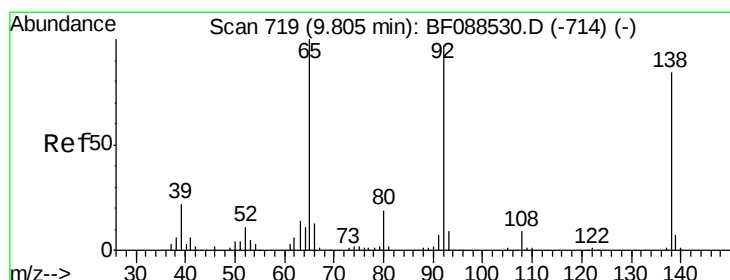
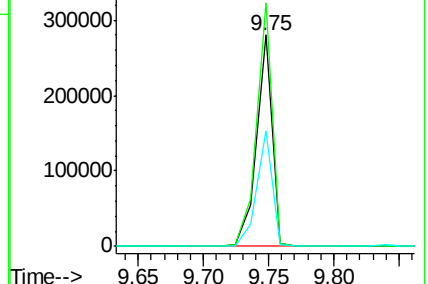
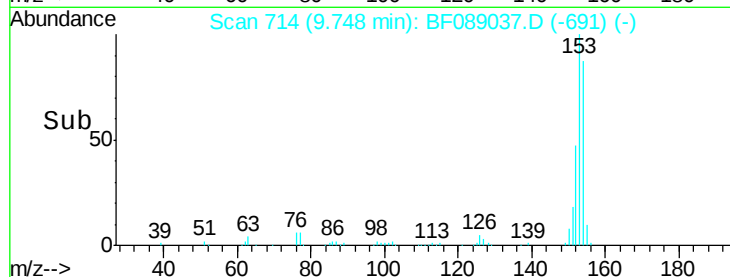
152 54.4 42.7 64.1



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: 33.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

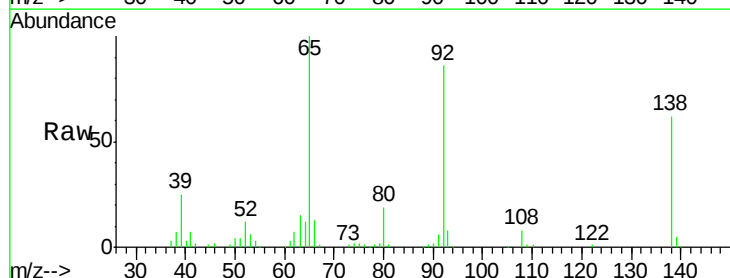
Tgt Ion:138 Resp: 59523

Ion Ratio Lower Upper

138 100

108 12.8 8.5 12.7#

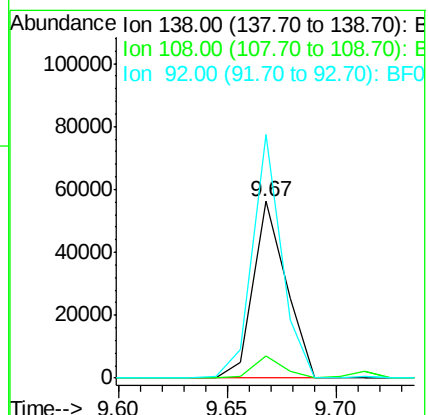
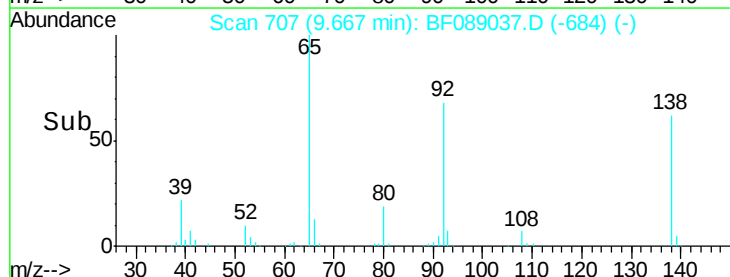
92 137.7 95.7 143.5

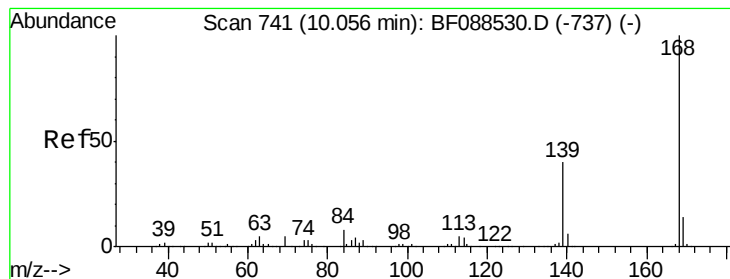


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 41.59 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

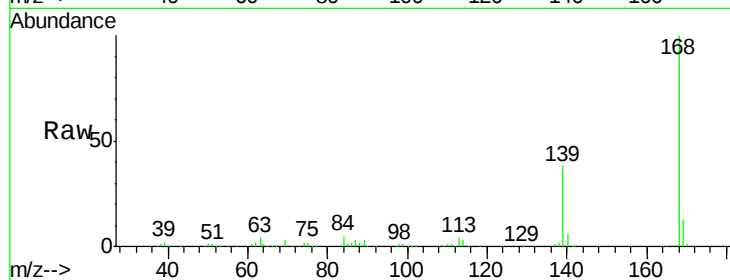
Tot Ion:168 Resp: 310112

Ion Ratio Lower Upper

168 100

139 38.2 26.4 39.6

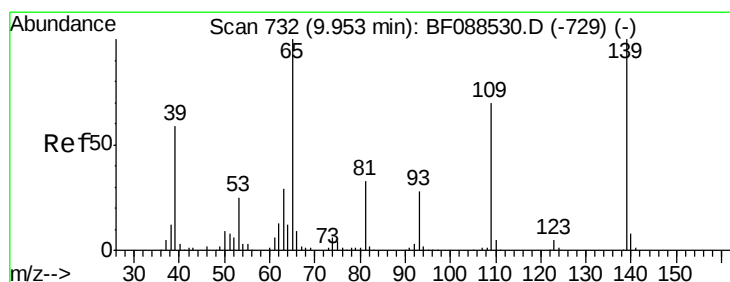
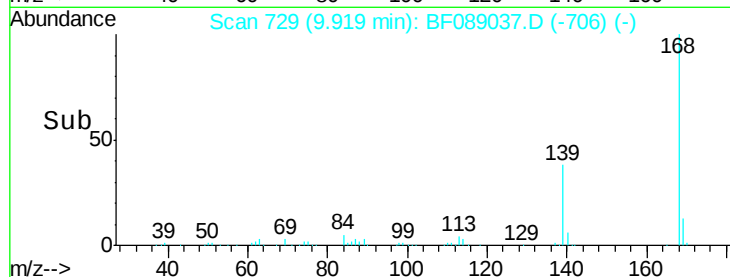
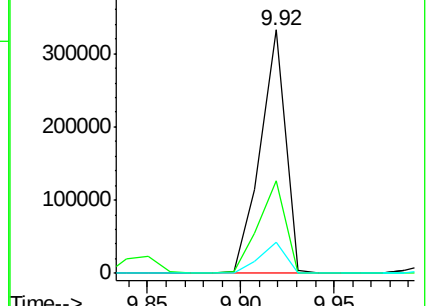
169 13.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 22.77 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

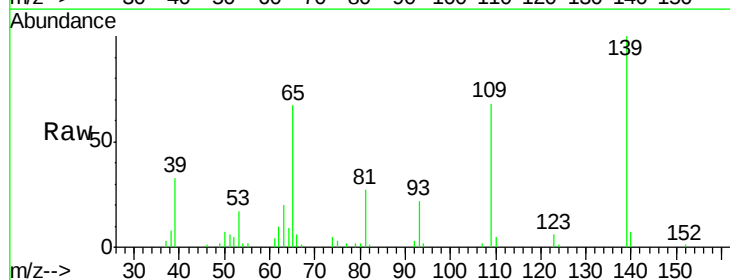
Tgt Ion:139 Resp: 31211

Ion Ratio Lower Upper

139 100

109 68.0 48.9 88.9

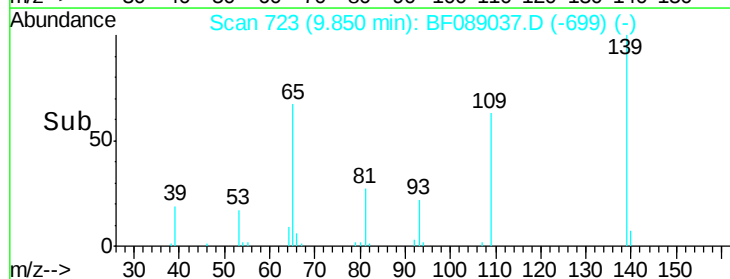
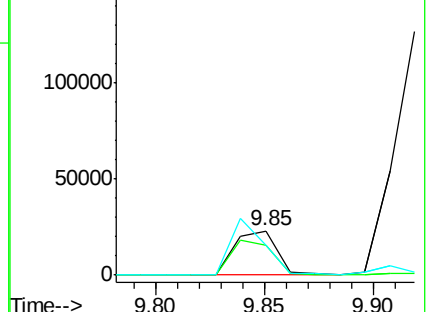
65 66.7 84.9 124.9#

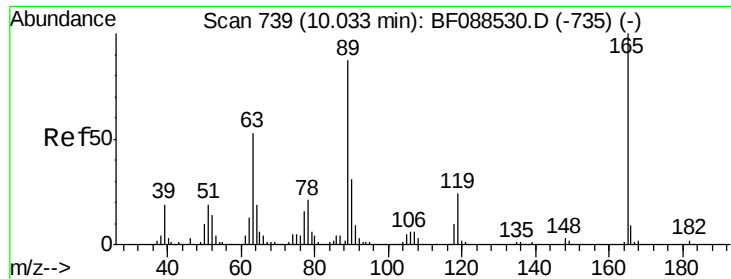


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 38.24 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 70940

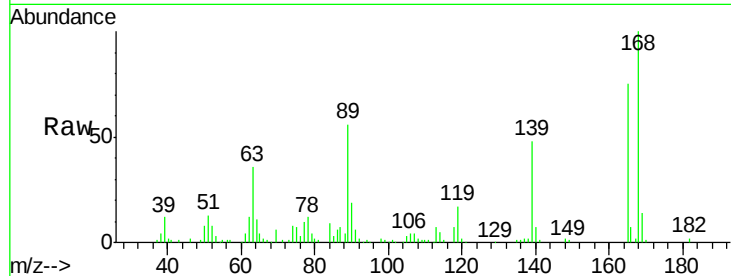
Ion Ratio Lower Upper

165 100

63 47.7 22.0 33.0#

89 74.5 41.1 61.7#

182 2.4 2.0 3.0

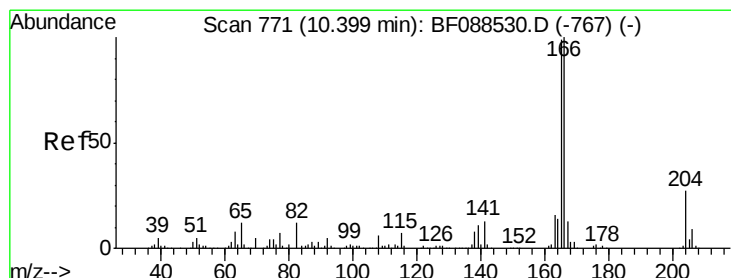
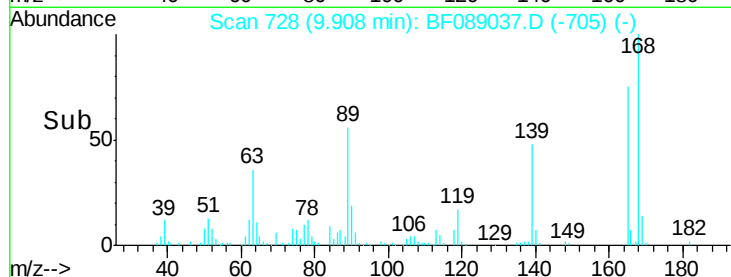
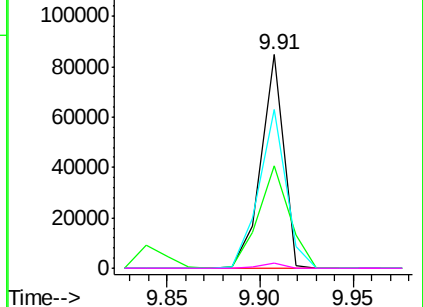


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.00 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

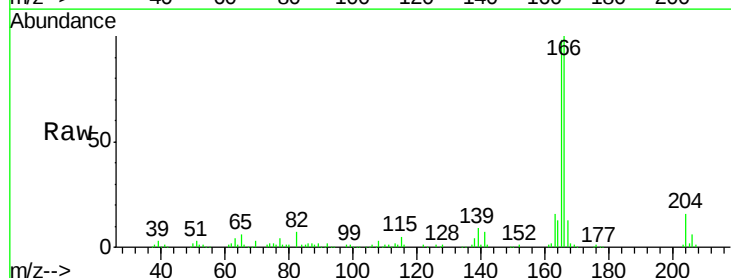
Tgt Ion:166 Resp: 235596

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

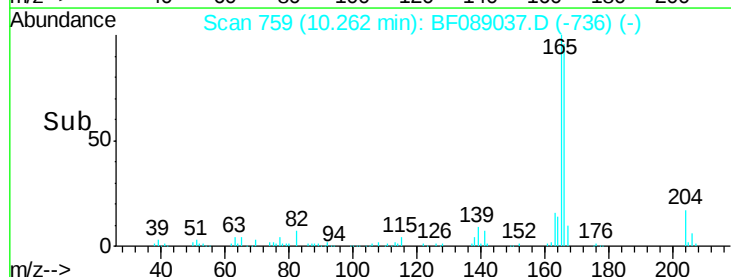
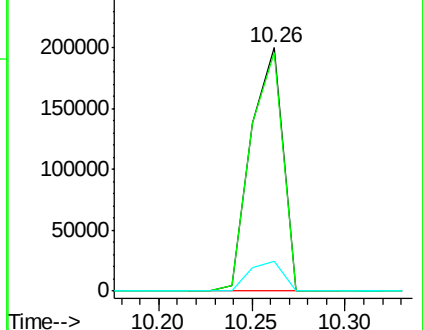
167 12.5 11.2 16.8



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

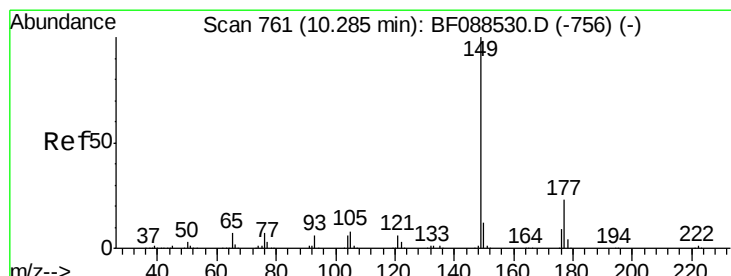
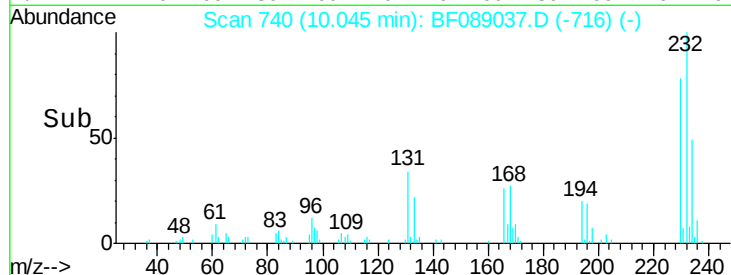
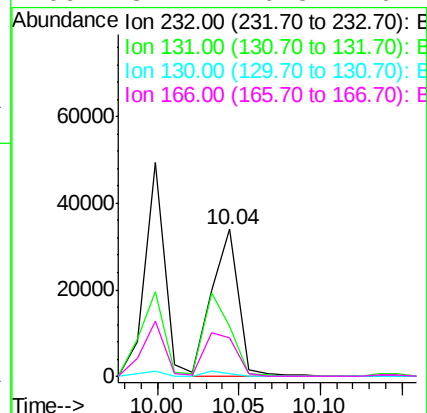
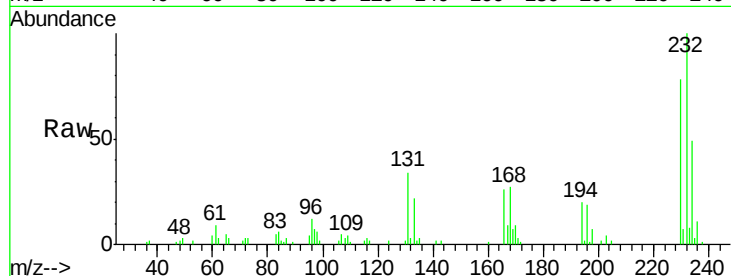




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.69 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

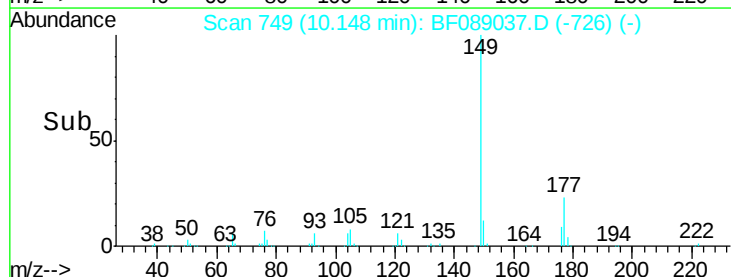
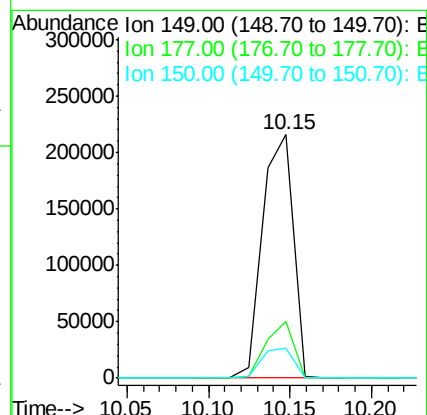
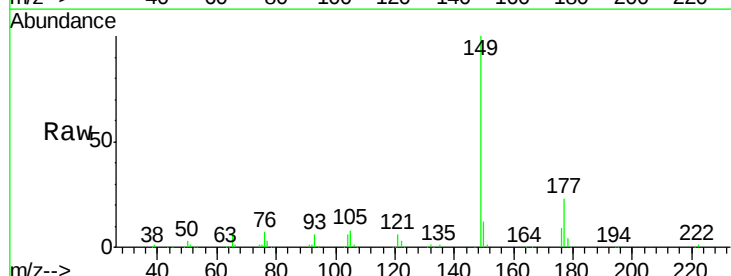
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 38947
 Ion Ratio Lower Upper
 232 100
 131 55.7 0.9 1.3#
 130 3.1 1.5 2.3#
 166 34.4 0.5 0.7#



#59
 Diethylphthalate
 Concen: 44.08 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:149 Resp: 283161
 Ion Ratio Lower Upper
 149 100
 177 23.2 16.9 25.3
 150 12.0 10.1 15.1

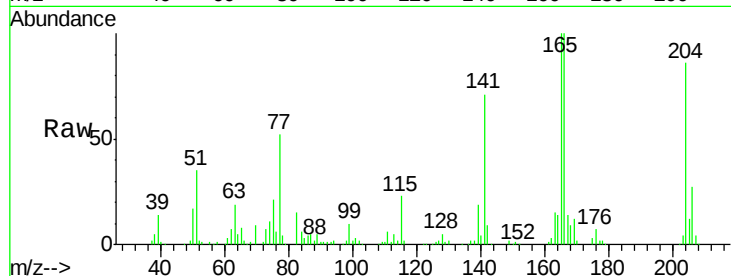




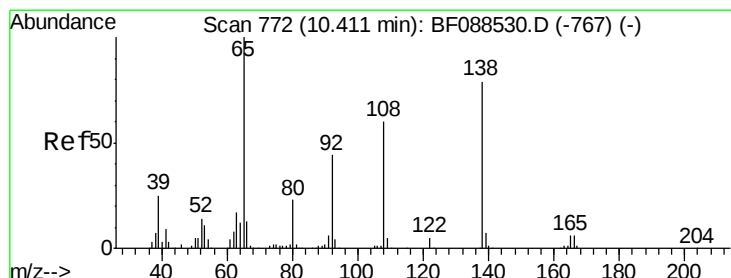
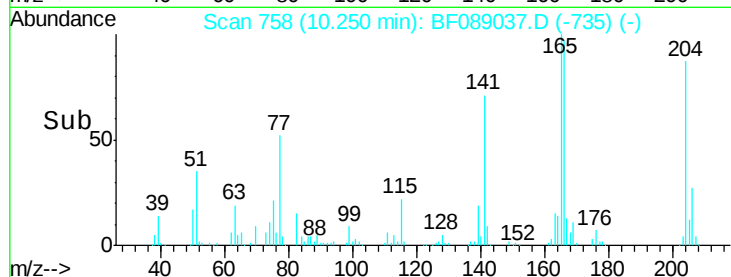
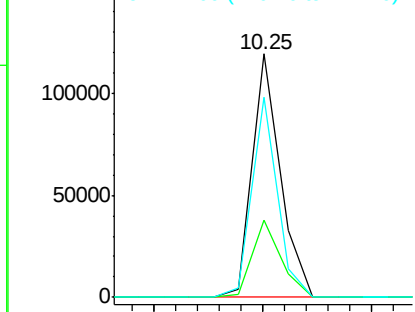
#60
4-Chlorophenyl-phenylether
Concen: 40.14 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 107166
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 82.3 55.0 82.6

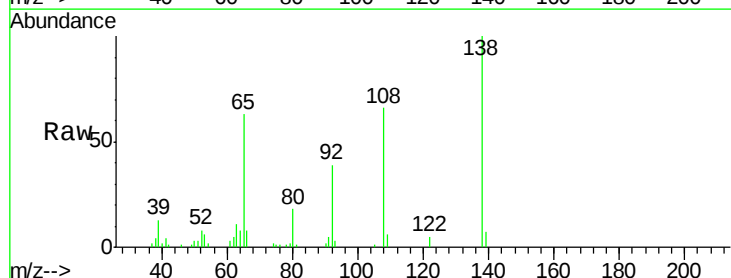


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

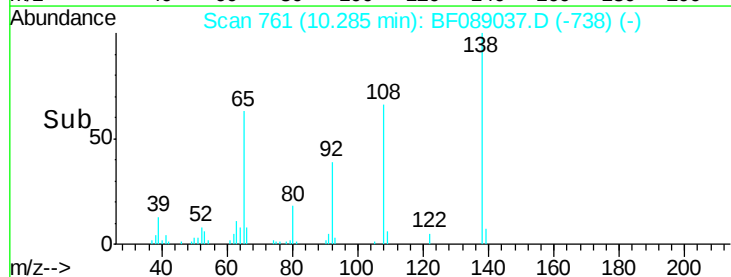
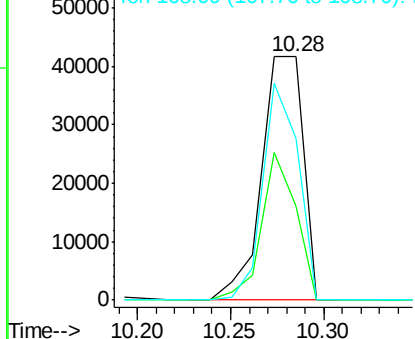


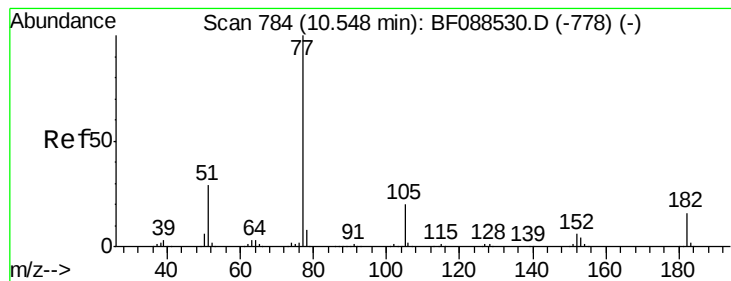
#61
4-Nitroaniline
Concen: 37.21 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:138 Resp: 64586
Ion Ratio Lower Upper
138 100
92 38.5 27.3 67.3
108 66.2 46.7 86.7



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





#62

Azobenzene

Concen: 36.82 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 269815

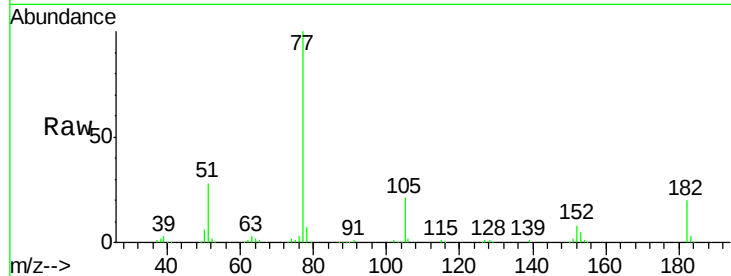
Ion Ratio Lower Upper

77 100

182 20.3 4.4 44.4

105 21.5 3.8 43.8

51 28.0 9.3 49.3

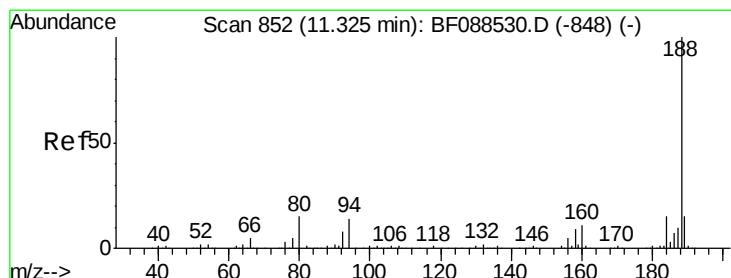
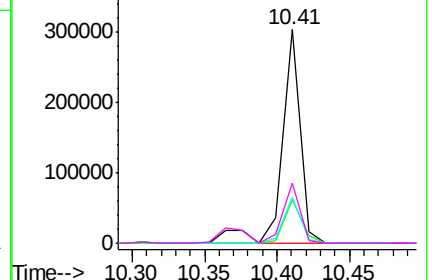
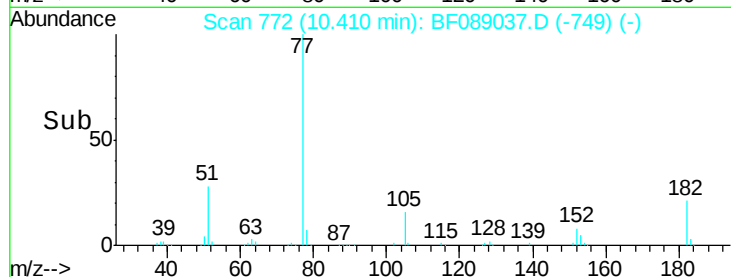


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

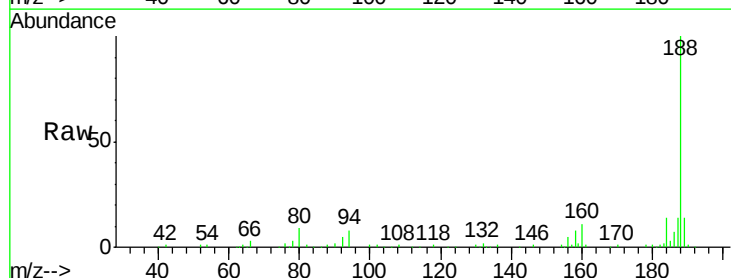
Tgt Ion: 188 Resp: 132533

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

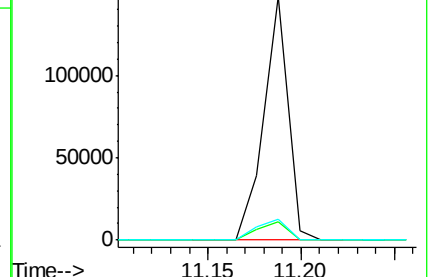
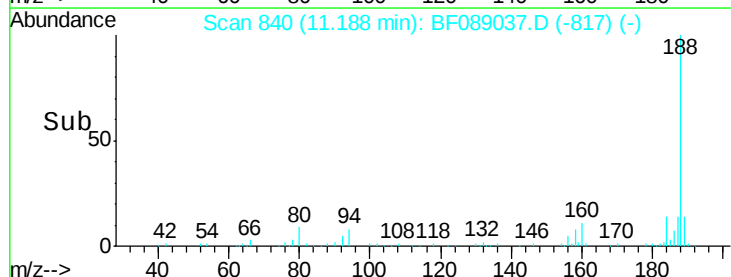
80 8.7 10.0 15.0#

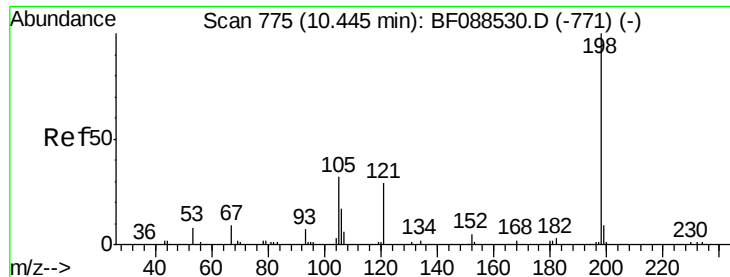


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

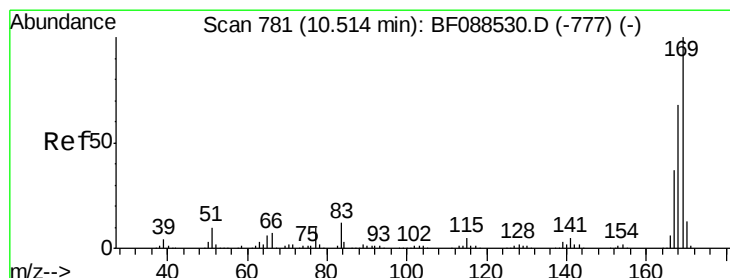
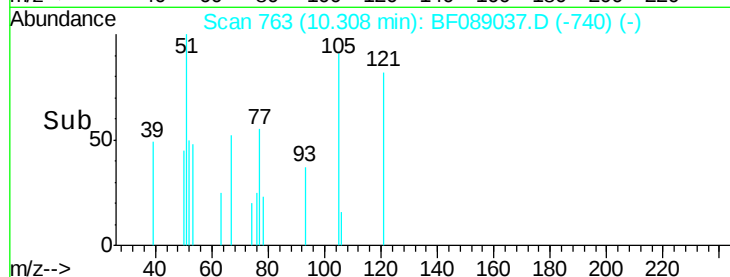
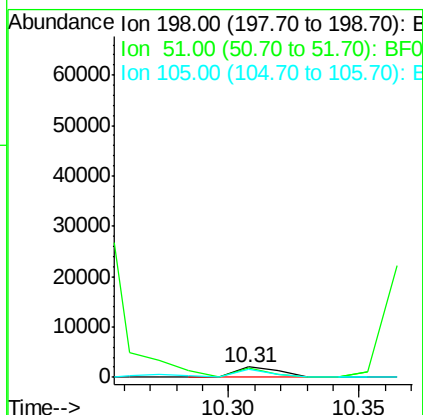
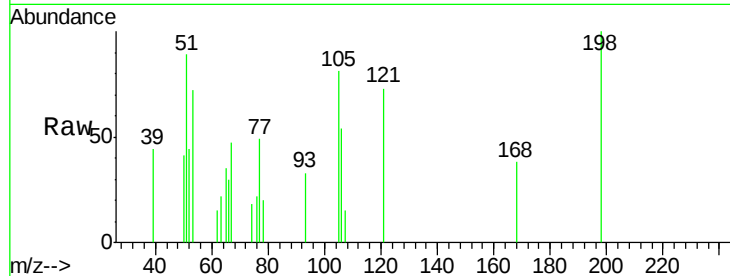




#64
4,6-Dinitro-2-methylphenol
Concen: 3.39 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

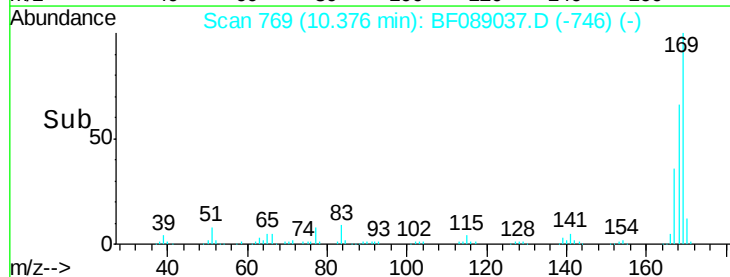
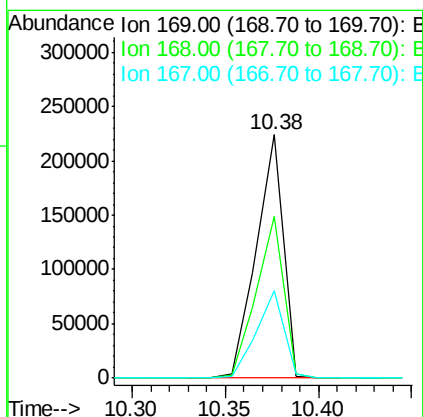
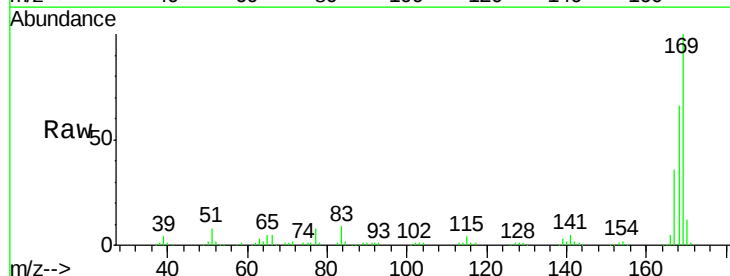
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 2404
Ion Ratio Lower Upper
198 100
51 89.3 39.6 79.6#
105 81.2 36.6 76.6#



#65
n-Nitrosodiphenylamine
Concen: 49.86 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:169 Resp: 223633
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.0 29.4 44.0

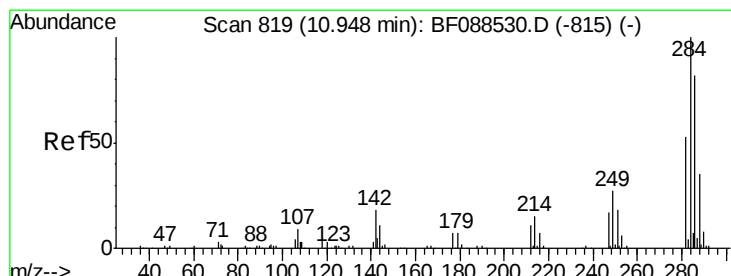
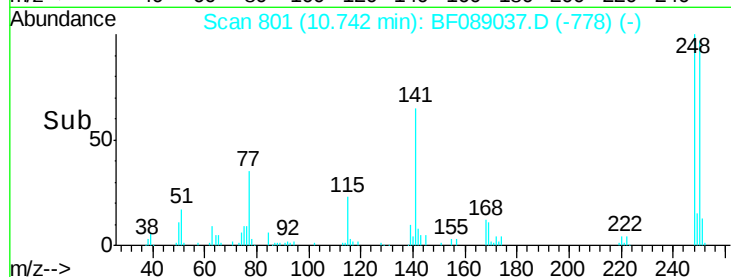
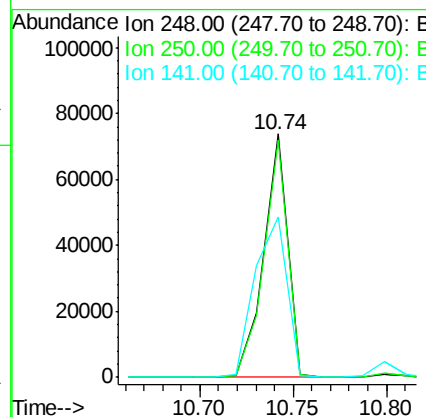
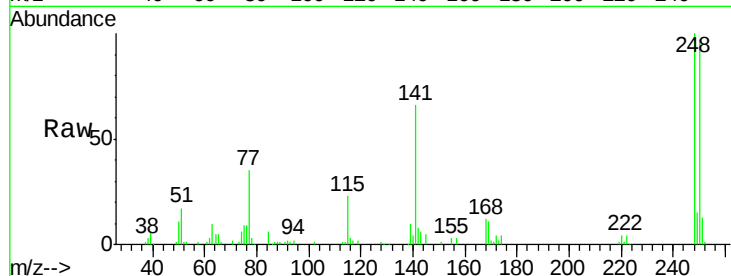




#66
4-Bromophenyl-phenylether
Concen: 48.57 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

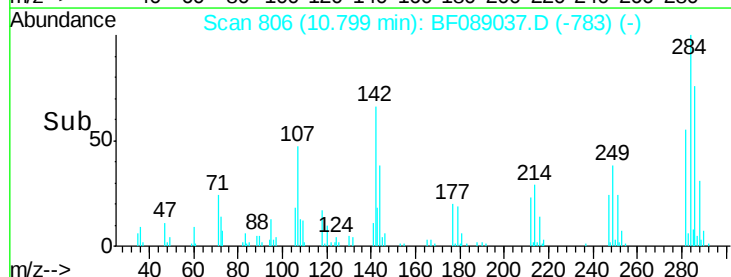
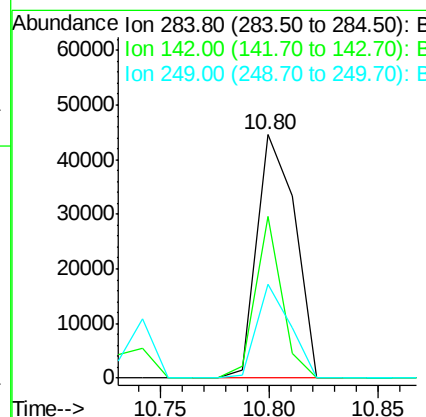
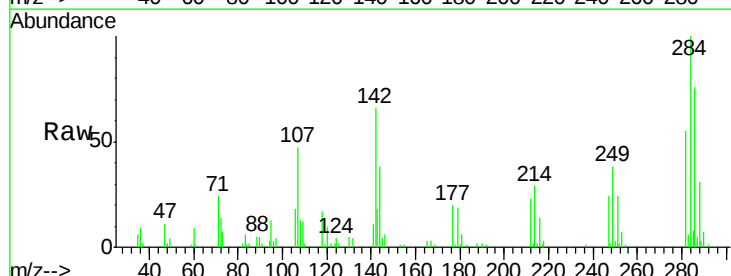
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

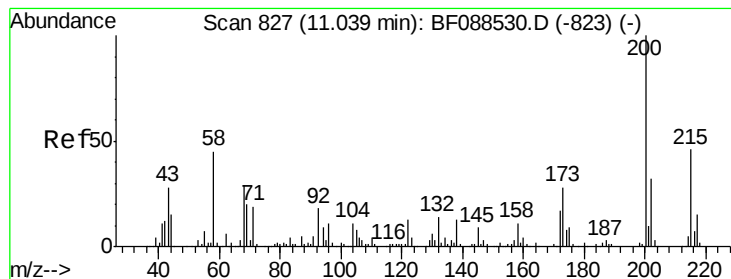
Tot Ion:248 Resp: 64873
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 65.7 50.6 76.0



#67
Hexachlorobenzene
Concen: 36.74 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:284 Resp: 54315
Ion Ratio Lower Upper
284 100
142 66.5 35.8 53.8#
249 38.4 25.8 38.6





#68

Atrazine

Concen: 40.97 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

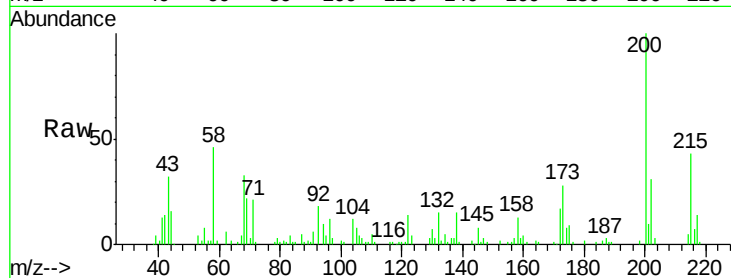
Tot Ion:200 Resp: 57258

Ion Ratio Lower Upper

200 100

173 28.4 4.0 44.0

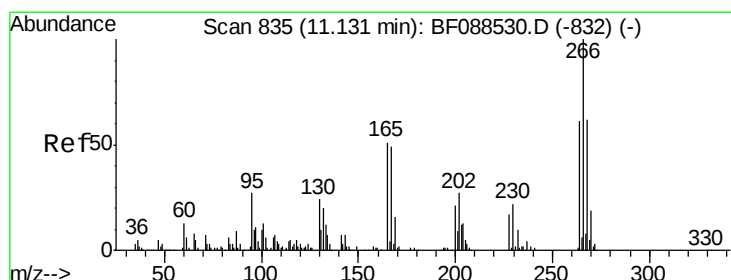
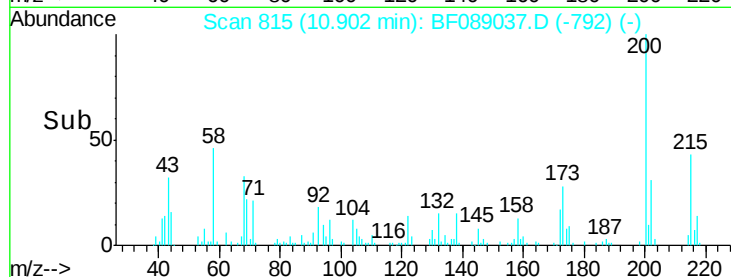
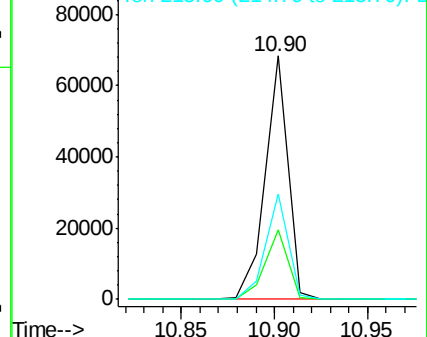
215 43.5 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 22.04 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

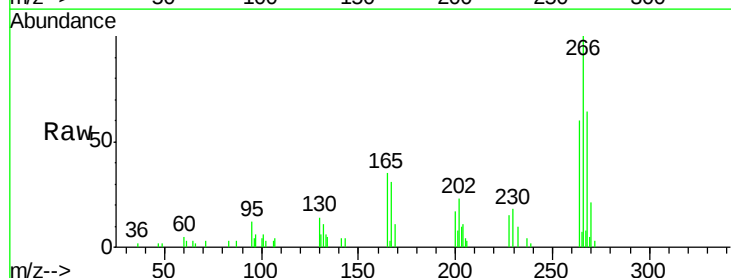
Tgt Ion:266 Resp: 19285

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

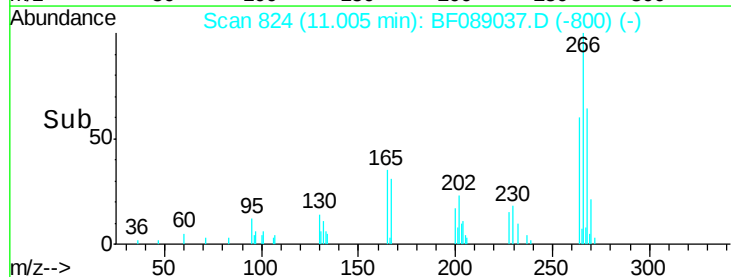
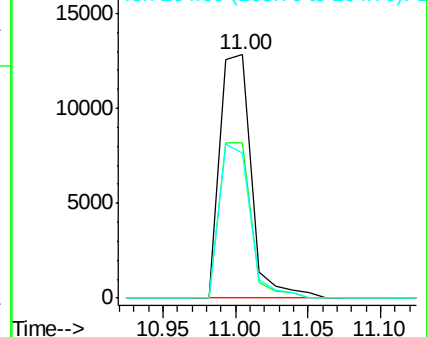
264 59.7 49.6 74.4

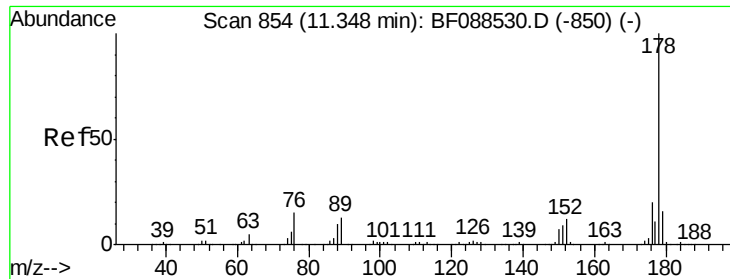


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

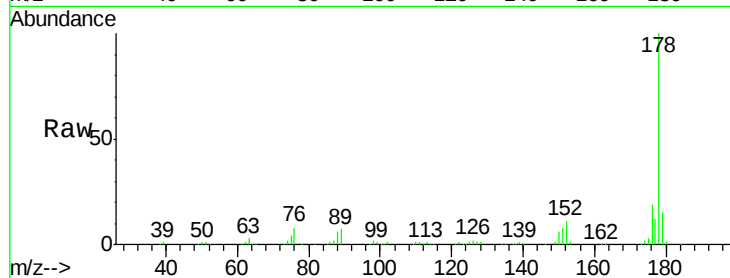




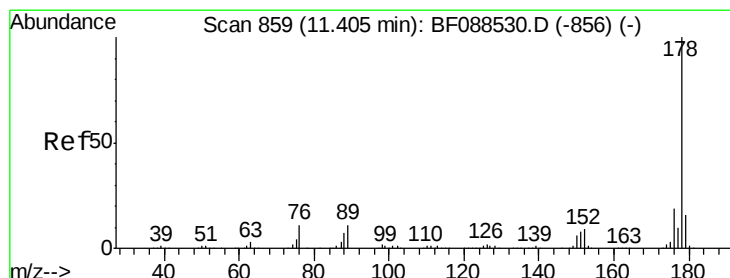
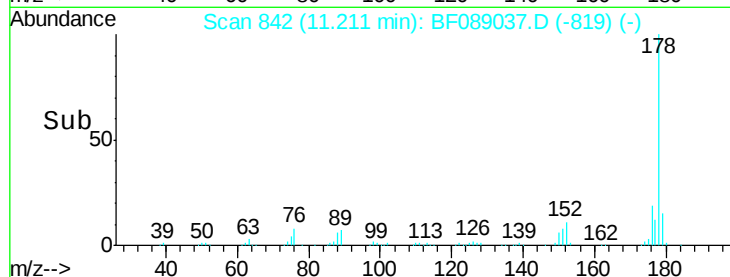
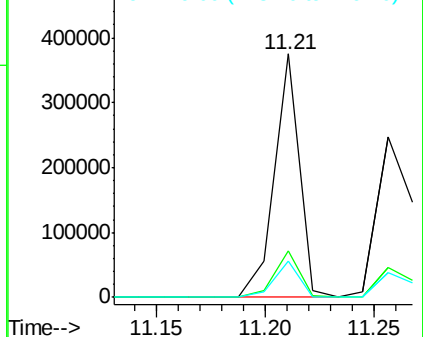
#70
Phenanthrene
Concen: 41.86 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 303268
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.1 13.0 19.4

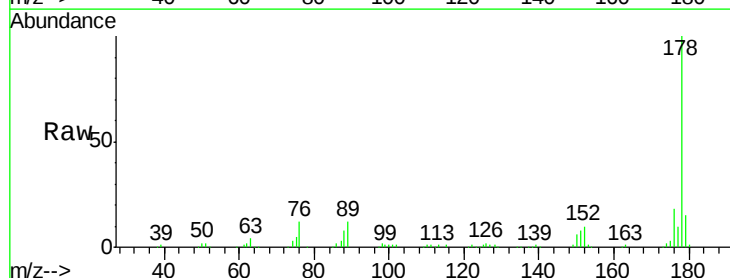


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

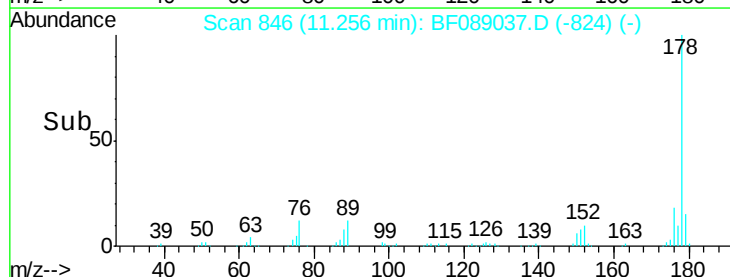
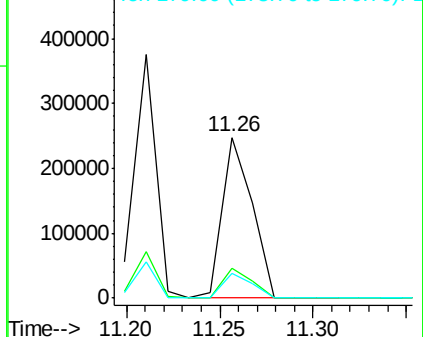


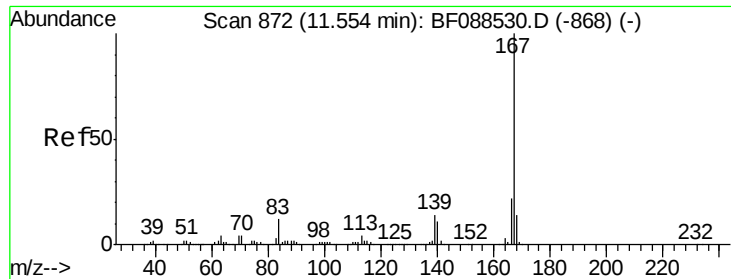
#71
Anthracene
Concen: 38.43 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:178 Resp: 276854
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.5 12.8 19.2



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

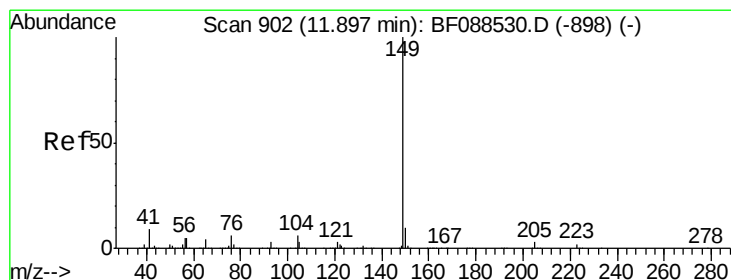
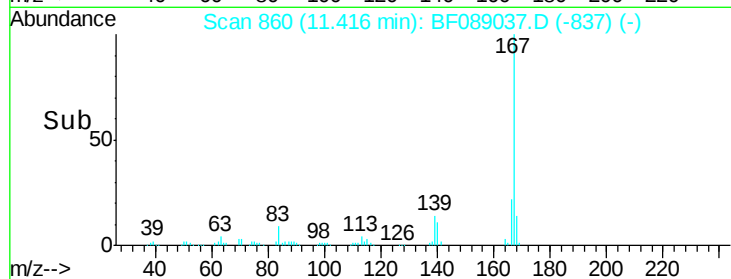
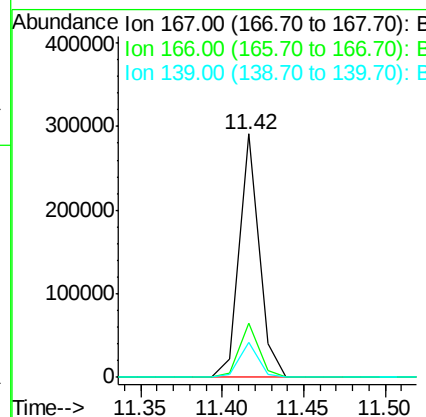
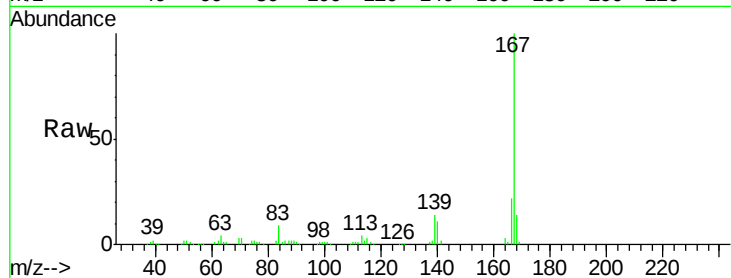




#72
 Carbazole
 Concen: 35.90 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

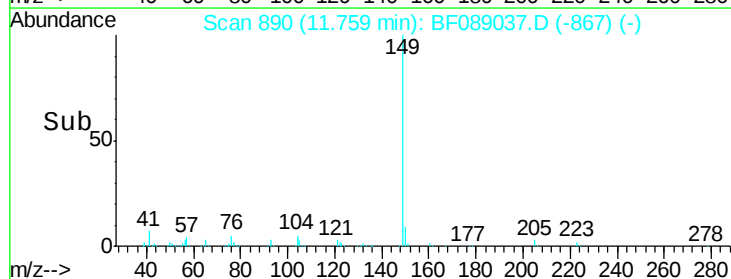
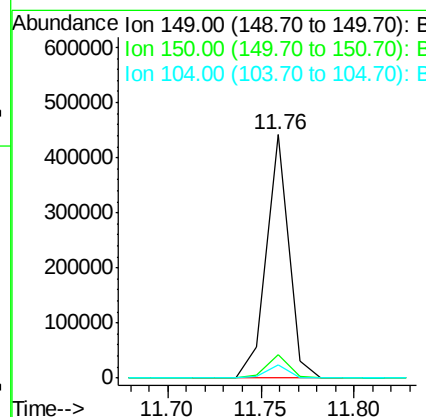
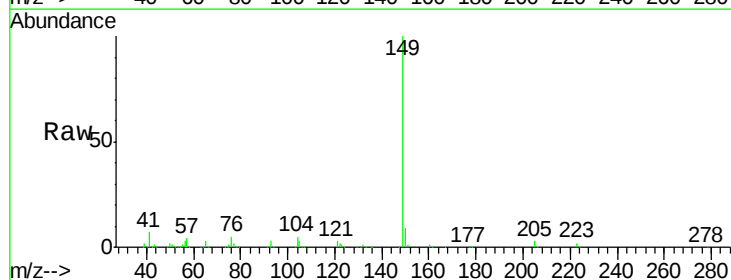
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

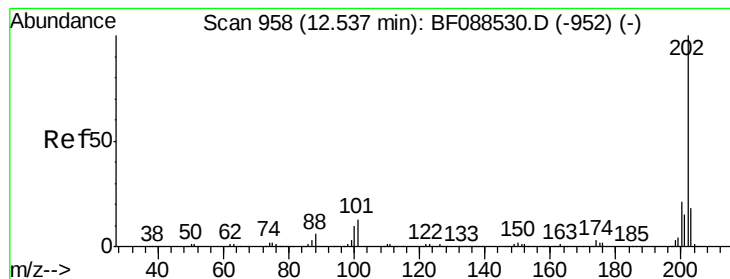
Tot Ion:167 Resp: 243408
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.1 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 46.03 ng
 RT: 11.76 min Scan# 890
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:149 Resp: 363043
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.5 4.0 6.0





#74

Fluoranthene

Concen: 36.56 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

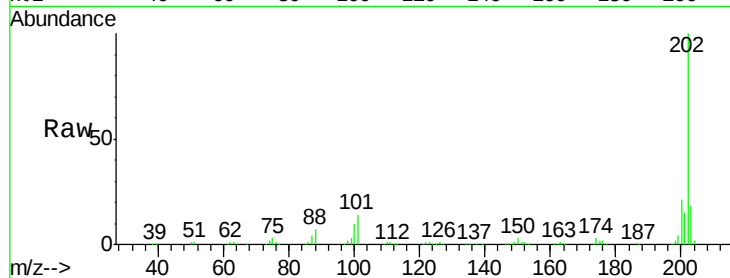
Tot Ion:202 Resp: 268505

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.1

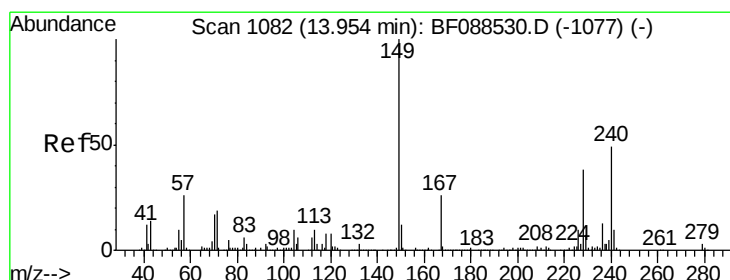
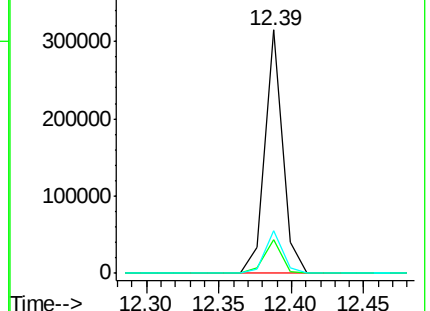
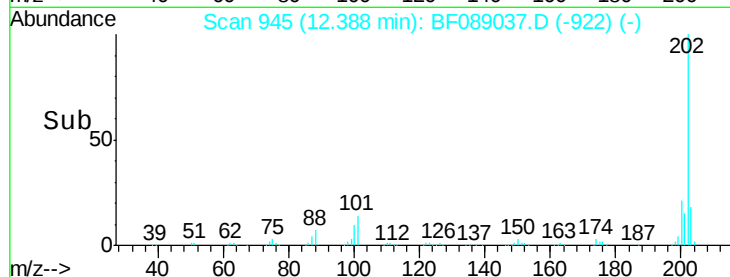
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

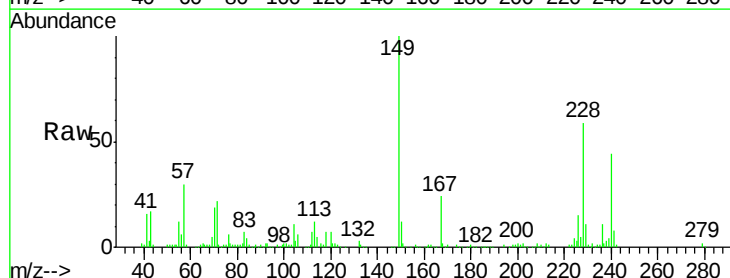
Tgt Ion:240 Resp: 90608

Ion Ratio Lower Upper

240 100

120 16.2 6.8 10.2#

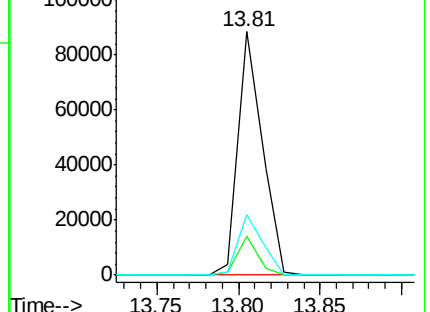
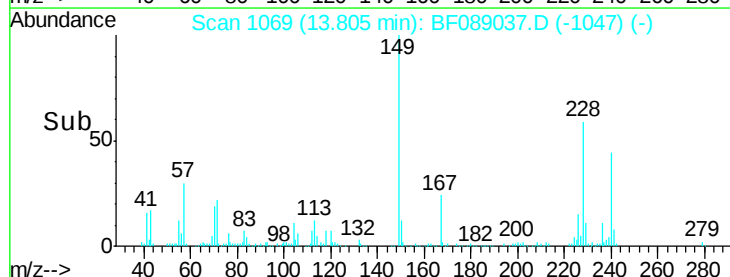
236 24.7 20.2 30.2

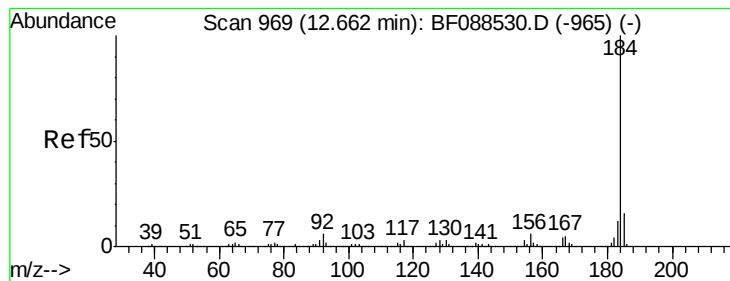


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 57.32 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

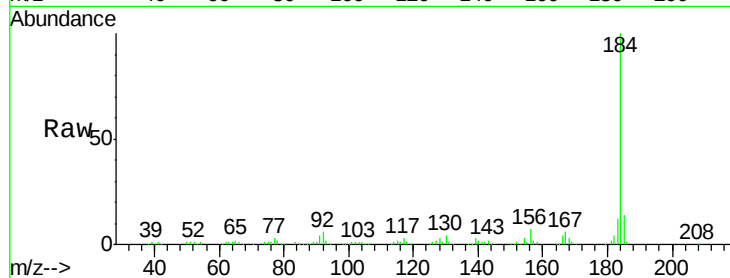
Tot Ion:184 Resp: 262493

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

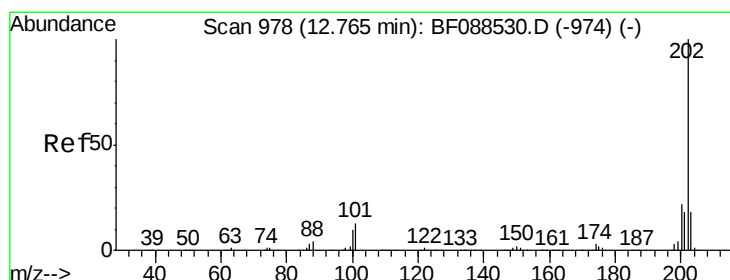
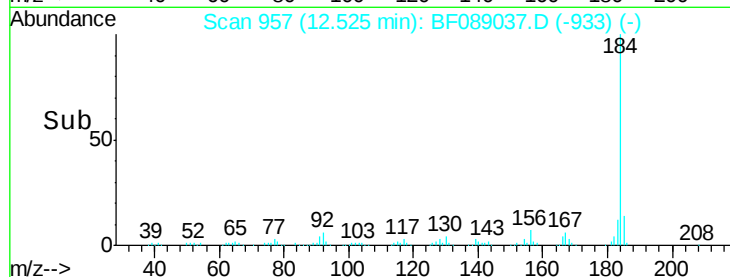
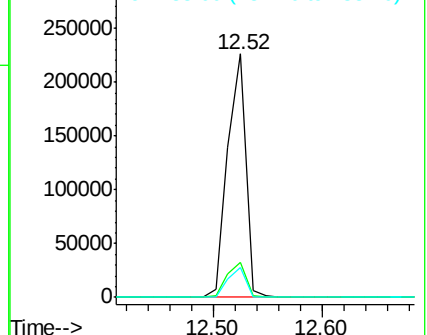
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.27 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

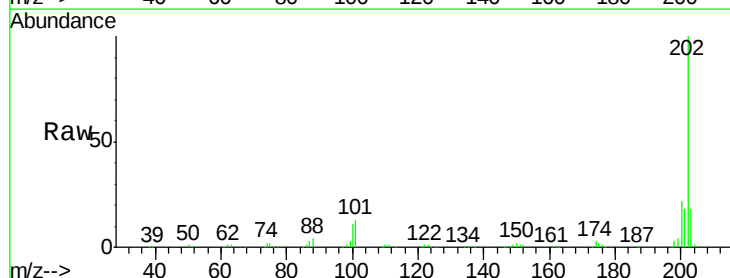
Tgt Ion:202 Resp: 294021

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

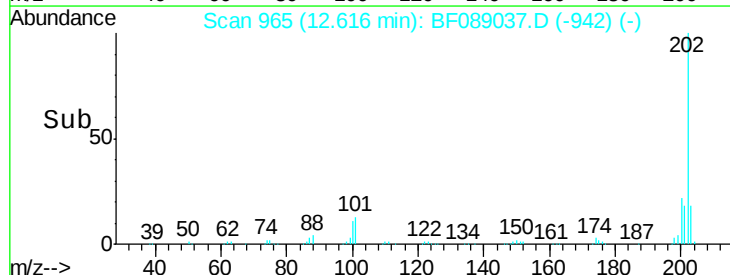
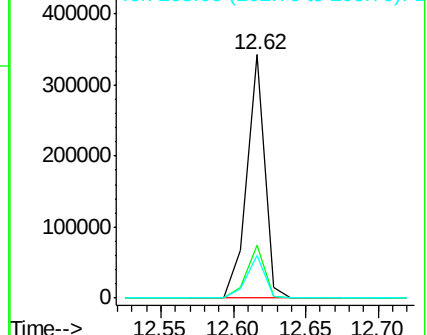
203 17.7 14.5 21.7

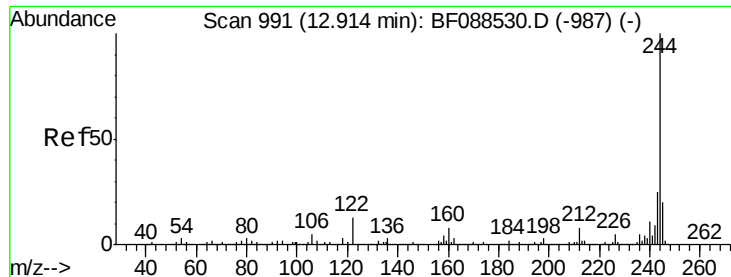


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

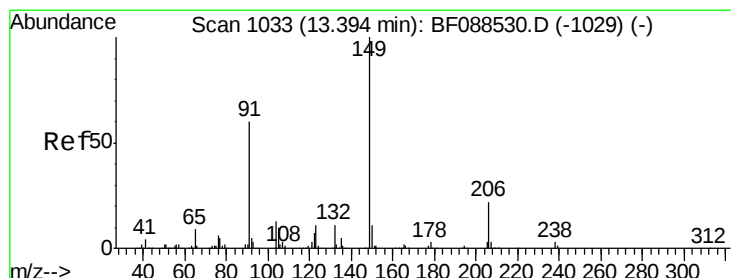
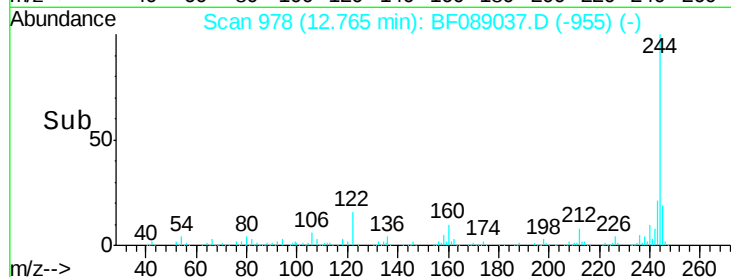
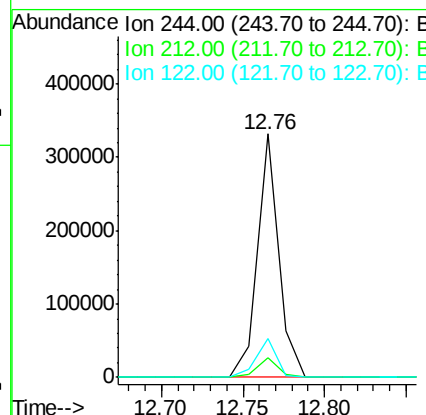
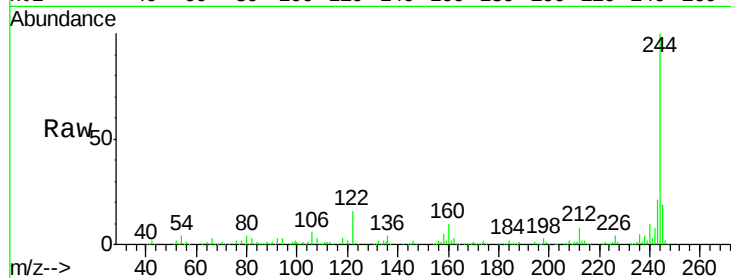




#78
 Terphenyl-d14
 Concen: 73.79 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

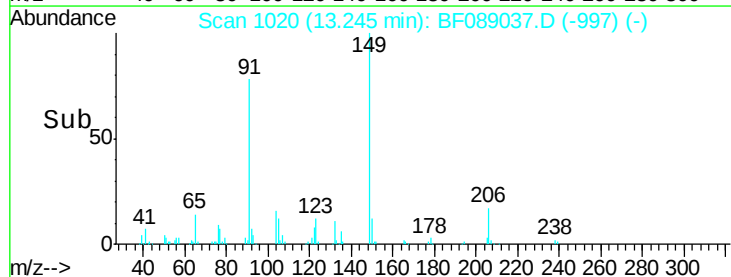
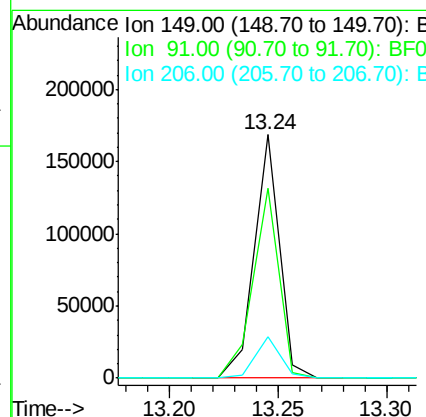
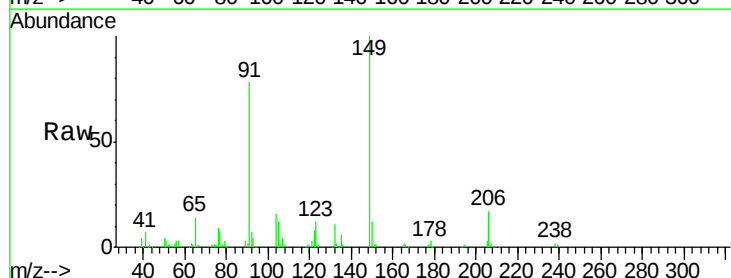
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

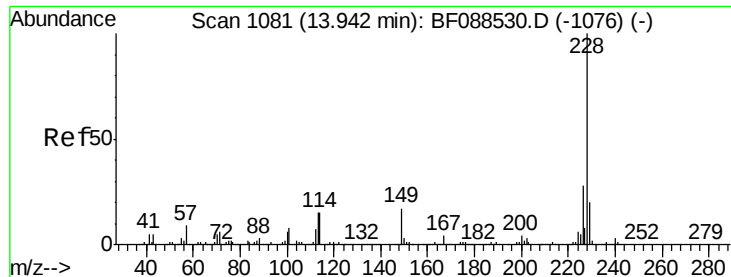
Tot Ion:244 Resp: 300163
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.9 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 39.66 ng
 RT: 13.24 min Scan# 1020
 Delta R.T. -0.03 min
 Lab File: BF089037.D
 Acq: 16 Jul 2016 3:04

Tgt Ion:149 Resp: 135924
 Ion Ratio Lower Upper
 149 100
 91 77.8 48.0 72.0#
 206 17.0 16.0 24.0





#80

Benzo(a)anthracene

Concen: 38.86 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

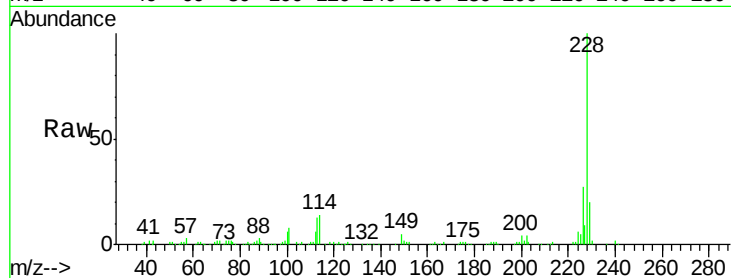
Tot Ion:228 Resp: 226696

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

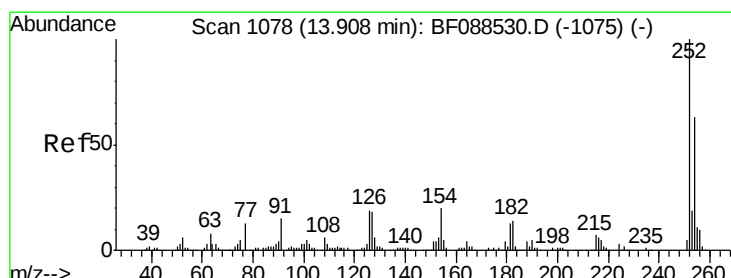
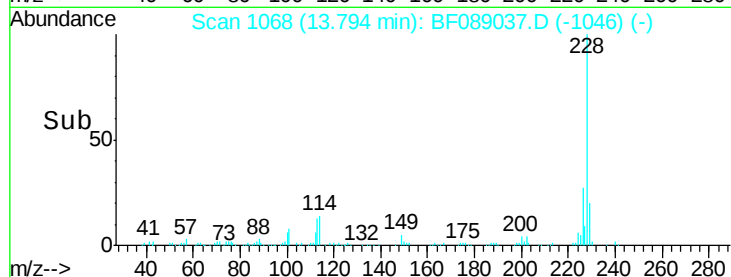
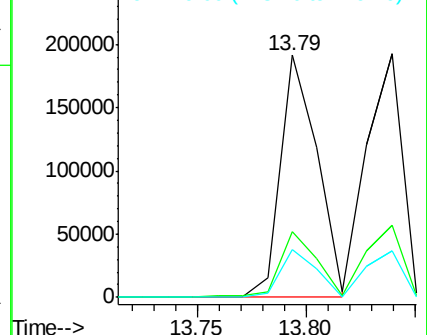
229 19.7 16.0 24.0



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: 41.33 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

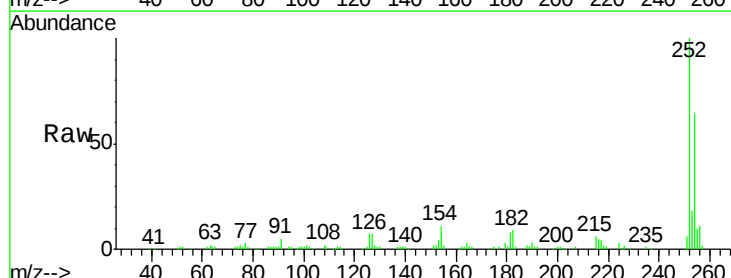
Tgt Ion:252 Resp: 90659

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

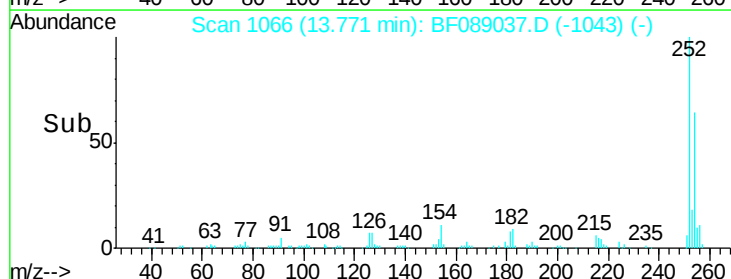
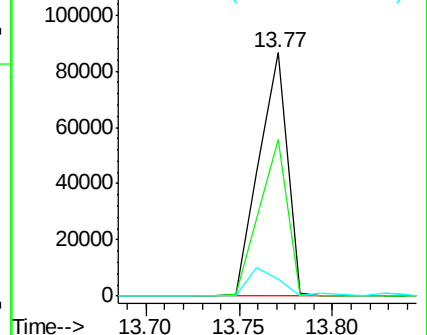
126 7.2 6.2 9.2

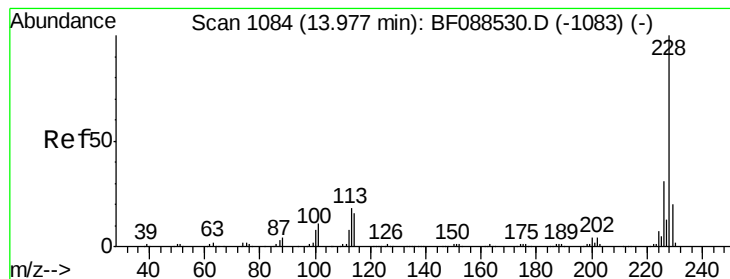


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.84 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

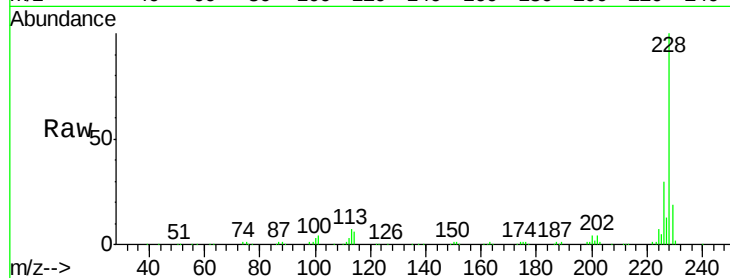
Tot Ion:228 Resp: 218400

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

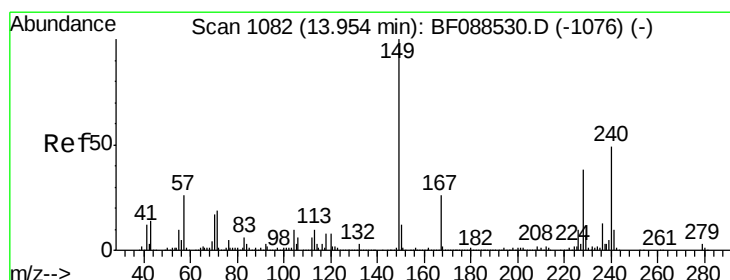
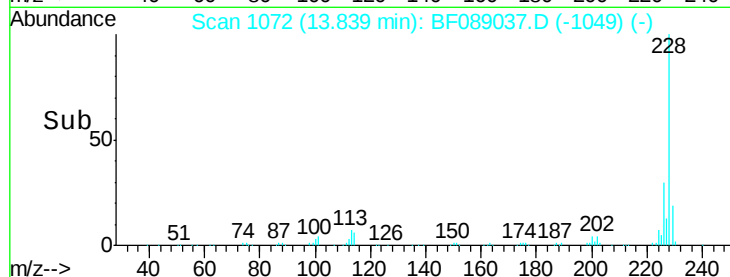
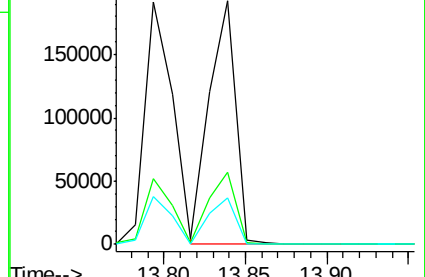
229 18.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.11 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

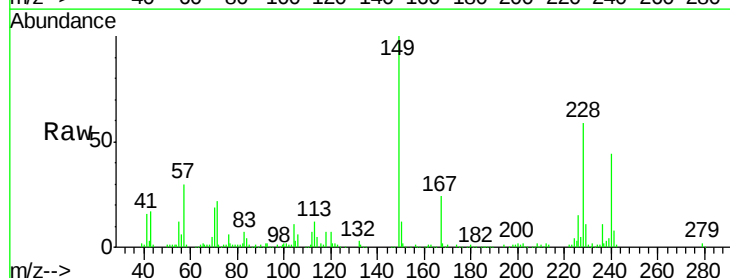
Tgt Ion:149 Resp: 192152

Ion Ratio Lower Upper

149 100

167 24.0 20.5 30.7

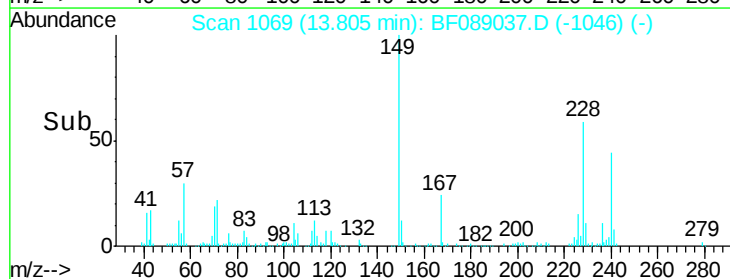
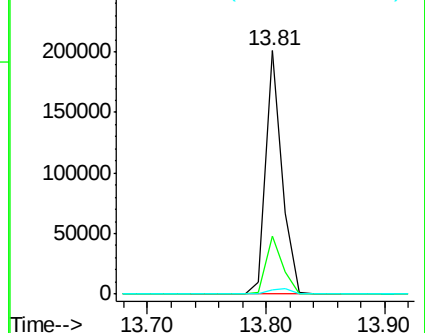
279 2.0 2.0 3.0#

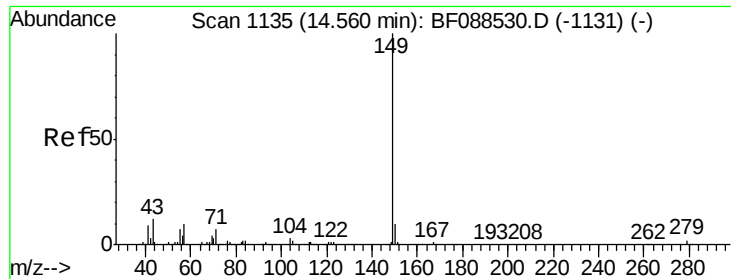


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

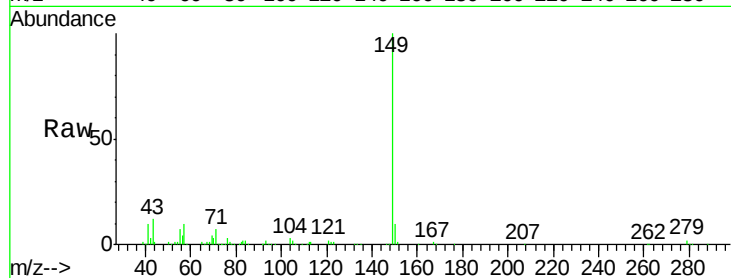




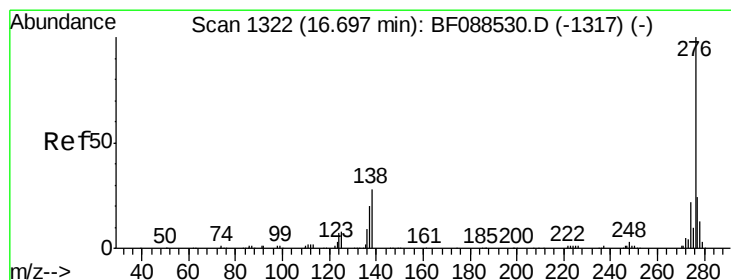
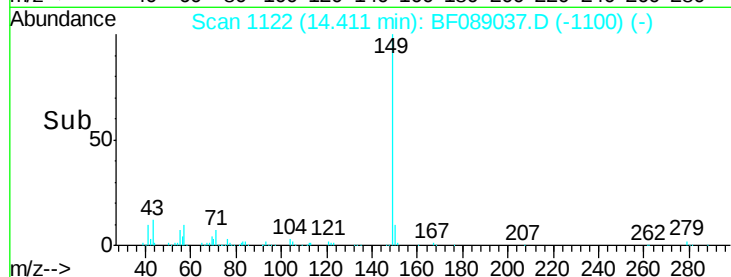
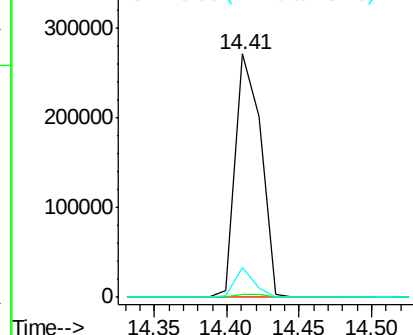
#84
Di-n-octyl phthalate
Concen: 49.85 ng
RT: 14.41 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.4	0.0	0.0#

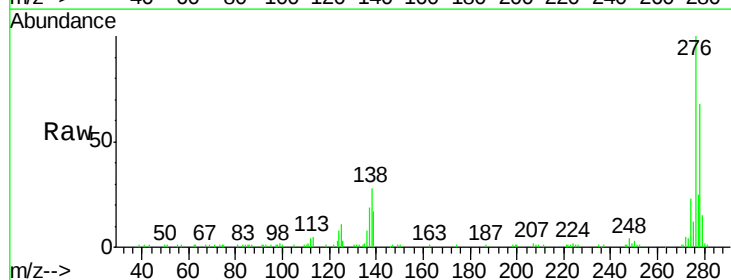


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

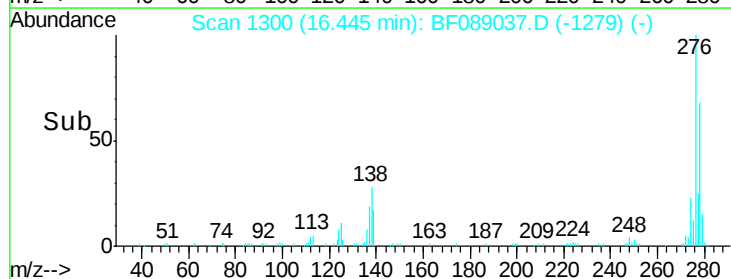
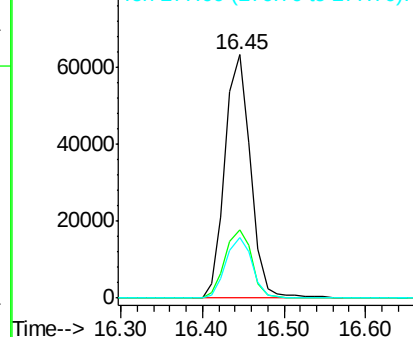


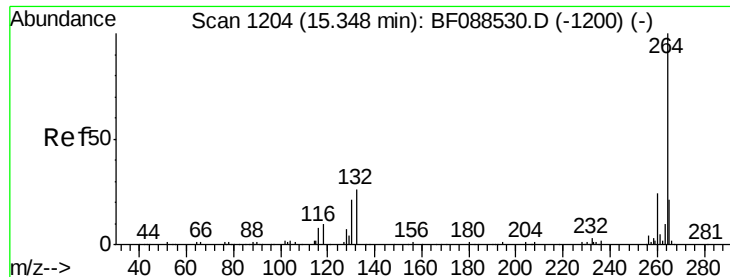
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.16 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	0.0#
277	25.7	0.0	0.0#



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



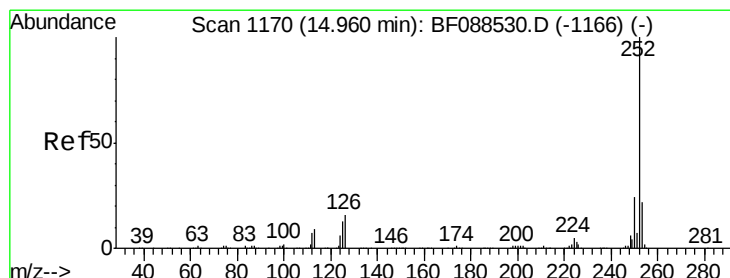
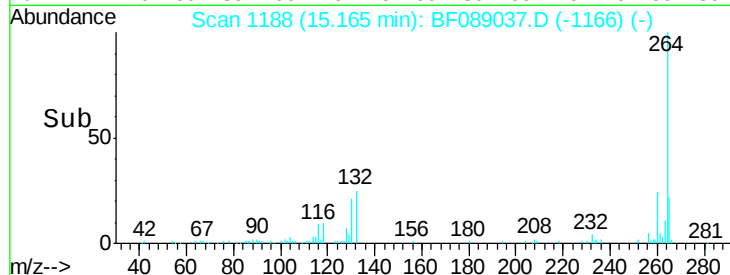
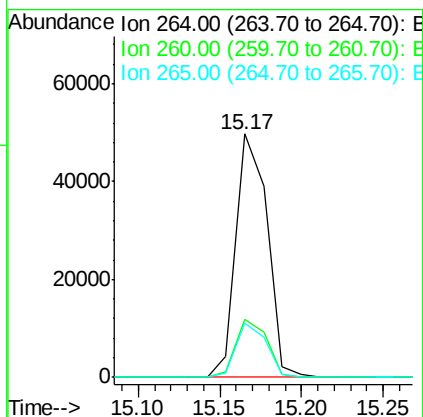
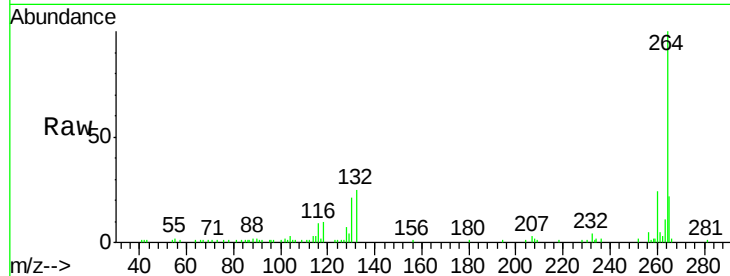


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 65593

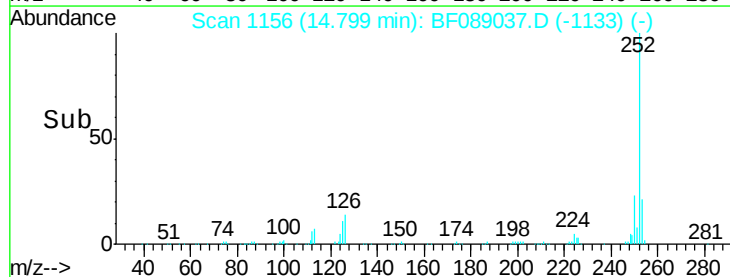
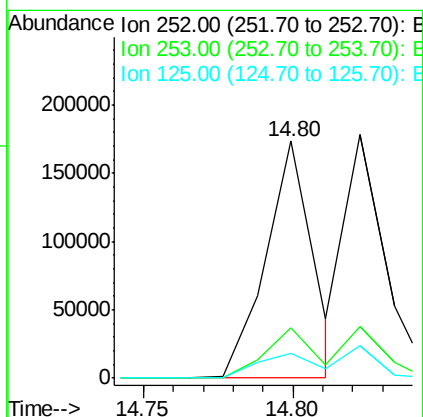
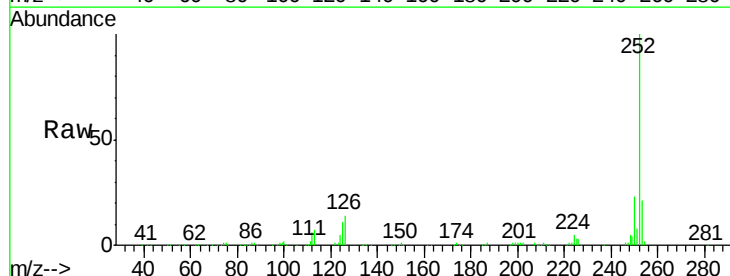
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.9	25.3

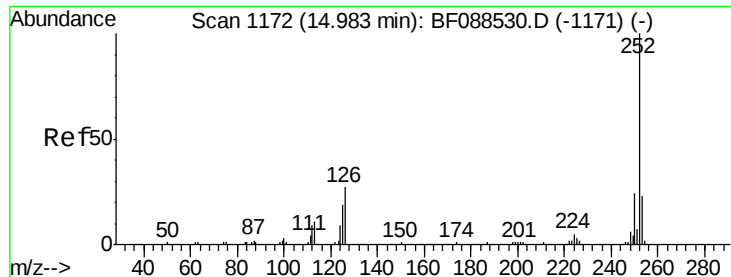


#87
Benzo(b)fluoranthene
Concen: 46.53 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:252 Resp: 191442

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	10.6	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 45.30 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

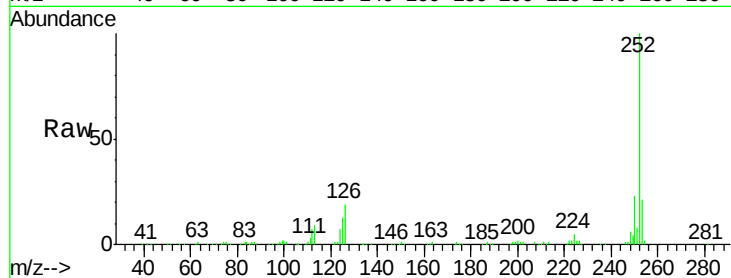
Tot Ion:252 Resp: 162273

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

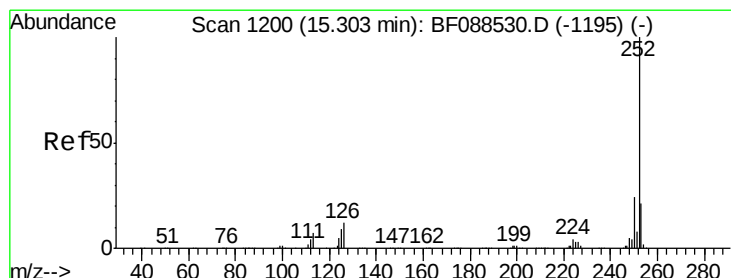
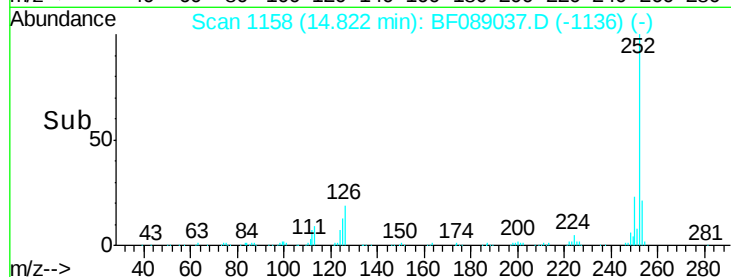
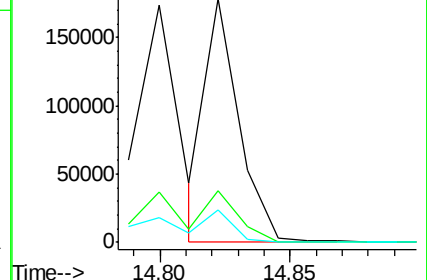
125 13.4 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 45.32 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF089037.D

Acq: 16 Jul 2016 3:04

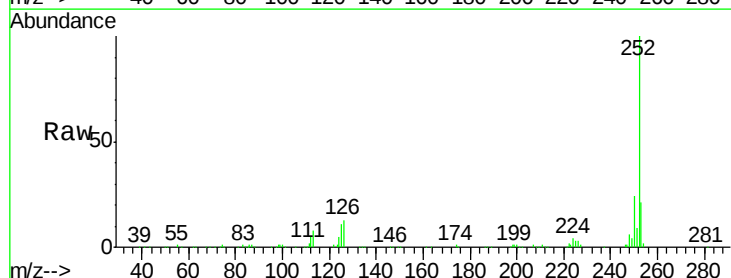
Tgt Ion:252 Resp: 157891

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

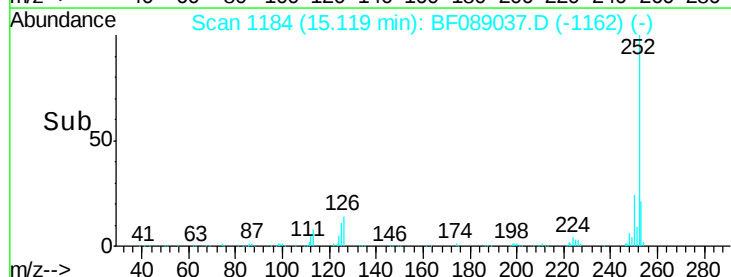
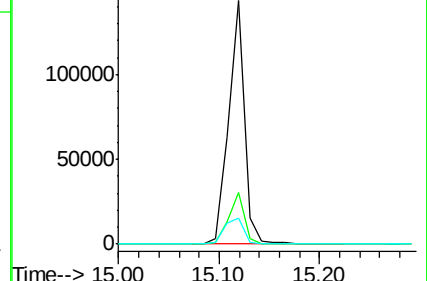
125 10.7 12.5 18.7#

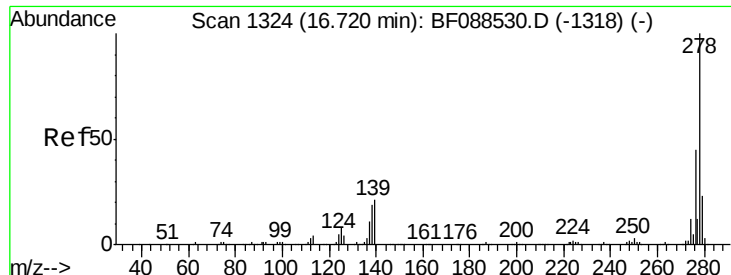


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

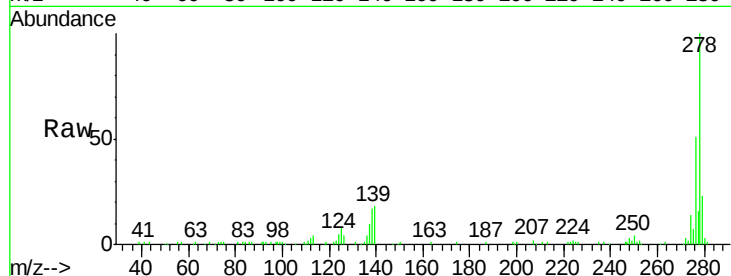




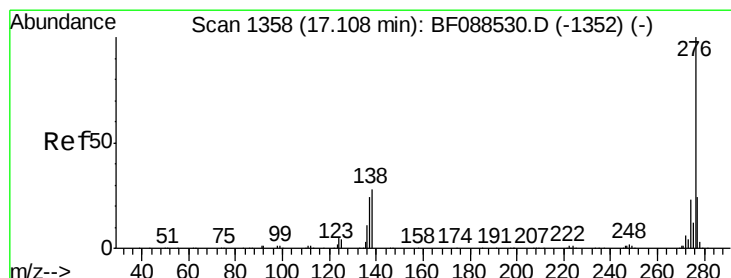
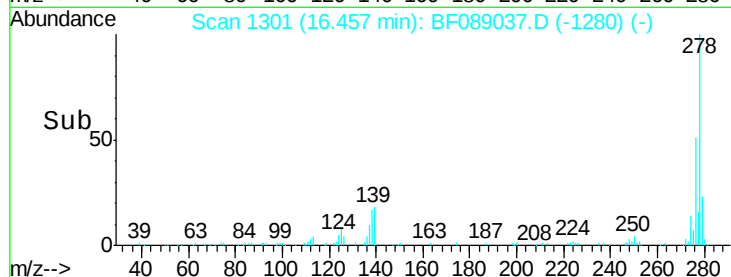
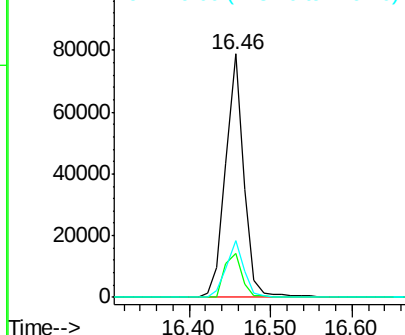
#90
Dibenzo(a,h)anthracene
Concen: 42.15 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 122628
Ion Ratio Lower Upper
278 100
139 17.8 15.7 23.5
279 23.5 19.4 29.2

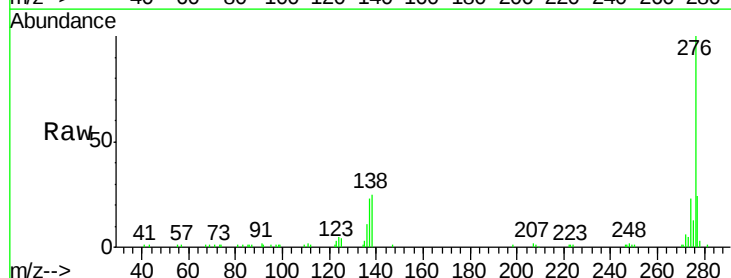


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 38.36 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.07 min
Lab File: BF089037.D
Acq: 16 Jul 2016 3:04

Tgt Ion:276 Resp: 115464
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 25.0 21.4 32.2



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

