

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088804.D
 Acq On : 8 Jul 2016 3:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 08 03:55:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	79858	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	325175	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	120852	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	193554	20.00	ng	0.00
75) Chrysene-d12	13.90	240	157636	20.00	ng	0.01
86) Perylene-d12	15.27	264	139023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	437213	82.05	ng	0.01
7) Phenol-d6	6.39	99	499387	72.53	ng	0.00
23) Nitrobenzene-d5	7.31	82	441649	71.18	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	93647	83.45	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	682714	89.23	ng	0.00
78) Terphenyl-d14	12.85	244	552507	78.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	93872	35.53	ng	# 37
3) Pyridine	2.92	79	277070	36.14	ng	91
4) n-Nitrosodimethylamine	2.88	42	99695	34.04	ng	93
6) Aniline	6.41	93	369790	36.85	ng	93
8) 2-Chlorophenol	6.52	128	223430	39.01	ng	95
9) Benzaldehyde	6.28	77	153362	32.88	ng	87
10) Phenol	6.40	94	248693	31.65	ng	# 40
11) bis(2-Chloroethyl)ether	6.49	93	237522	40.53	ng	# 82
12) 1,3-Dichlorobenzene	6.68	146	255037	40.47	ng	99
13) 1,4-Dichlorobenzene	6.76	146	268637	42.95	ng	99
14) 1,2-Dichlorobenzene	6.91	146	216062	36.90	ng	# 86
15) Benzyl Alcohol	6.89	79	175271	34.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	272336	32.09	ng	89
17) 2-Methylphenol	7.02	107	192940	41.30	ng	98
18) Hexachloroethane	7.26	117	74238	30.68	ng	# 81
19) n-Nitroso-di-n-propylamine	7.18	70	171048	36.99	ng	# 80
20) 3+4-Methylphenols	7.16	107	204815	36.53	ng	# 70
22) Acetophenone	7.16	105	332788	42.17	ng	# 92
24) Nitrobenzene	7.34	77	268655	42.94	ng	94
25) Isophorone	7.58	82	429326	37.35	ng	97
26) 2-Nitrophenol	7.64	139	84395	32.90	ng	# 90
27) 2,4-Dimethylphenol	7.69	122	180370	33.76	ng	# 85
28) bis(2-Chloroethoxy)methane	7.79	93	298440	39.90	ng	# 97
29) 2,4-Dichlorophenol	7.90	162	173612	40.20	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	195789	41.31	ng	100
31) Naphthalene	8.06	128	676332	42.19	ng	99
32) Benzoic acid	7.82	122	80734	20.81	ng	96
33) 4-Chloroaniline	8.10	127	249314	34.95	ng	96
34) Hexachlorobutadiene	8.17	225	103252	40.69	ng	97
35) Caprolactam	8.48	113	47068	32.09	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	193782	37.95	ng	93
37) 2-Methylnaphthalene	8.74	142	362809	35.15	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	203868	50.72	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	7118	3.61	ng	98

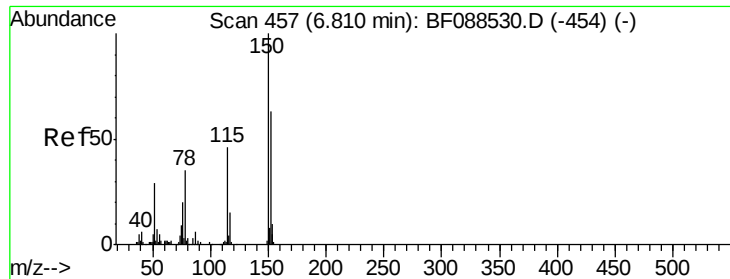
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	108762	41.04	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	94034	41.24	ng #	80
45) 1,1'-Biphenyl	9.21	154	476993	47.66	ng	98
46) 2-Chloronaphthalene	9.23	162	357777	45.54	ng	99
47) 2-Nitroaniline	9.32	65	104816	37.59	ng	96
48) Acenaphthylene	9.64	152	550027	44.00	ng	99
49) Dimethylphthalate	9.52	163	398696	46.31	ng	98
50) 2,6-Dinitrotoluene	9.58	165	83635	43.83	ng	98
51) Acenaphthene	9.82	154	300905	39.27	ng	99
52) 3-Nitroaniline	9.74	138	86795	35.78	ng	87
53) 2,4-Dinitrophenol	9.84	184	2729	3.24	ng #	69
54) Dibenzofuran	9.99	168	420402	41.92	ng #	89
55) 4-Nitrophenol	9.91	139	57648	31.27	ng #	69
56) 2,4-Dinitrotoluene	9.98	165	102090	40.92	ng #	85
57) Fluorene	10.33	166	340044	44.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	63155	35.80	ng #	52
59) Diethylphthalate	10.22	149	377508	43.69	ng	96
60) 4-Chlorophenyl-phenylether	10.32	204	140607	39.15	ng #	80
61) 4-Nitroaniline	10.34	138	89879	38.50	ng	82
62) Azobenzene	10.48	77	345994	35.10	ng	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	7590	7.33	ng	93
65) n-Nitrosodiphenylamine	10.44	169	316665	48.34	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	85565	43.87	ng #	82
67) Hexachlorobenzene	10.88	284	96552	44.72	ng #	80
68) Atrazine	10.97	200	74053	36.28	ng	91
69) Pentachlorophenol	11.07	266	44509	34.83	ng	99
70) Phenanthrene	11.28	178	407823	38.54	ng	99
71) Anthracene	11.34	178	458502	43.58	ng	99
72) Carbazole	11.50	167	408144	41.22	ng	97
73) Di-n-butylphthalate	11.83	149	472358	41.01	ng	99
74) Fluoranthene	12.47	202	477812	44.55	ng	98
76) Benzidine	12.59	184	306965	38.53	ng	99
77) Pyrene	12.70	202	510650	38.21	ng	99
79) Butylbenzylphthalate	13.33	149	236340	39.64	ng	94
80) Benzo(a)anthracene	13.87	228	415540	40.94	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	174631	45.76	ng	97
82) Chrysene	13.92	228	419009	41.72	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	298308	43.83	ng	99
84) Di-n-octyl phthalate	14.49	149	534037	46.18	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	284943	36.88	ng #	100
87) Benzo(b)fluoranthene	14.89	252	669068	76.72	ng	99
88) Benzo(k)fluoranthene	14.89	252	669068	88.13	ng #	95
89) Benzo(a)pyrene	15.22	252	305752	41.41	ng #	93
90) Dibenzo(a,h)anthracene	16.61	278	249650	40.49	ng	100
91) Benzo(g,h,i)perylene	16.99	276	241353	37.83	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

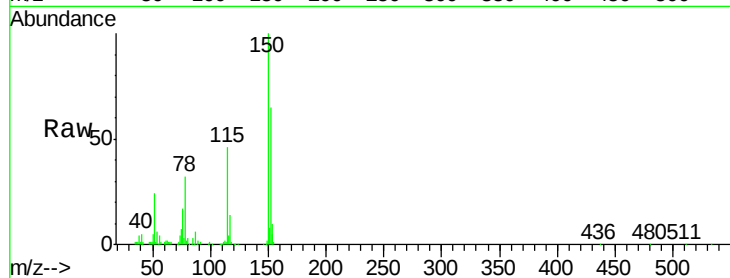
Tgt Ion:152 Resp: 79858

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

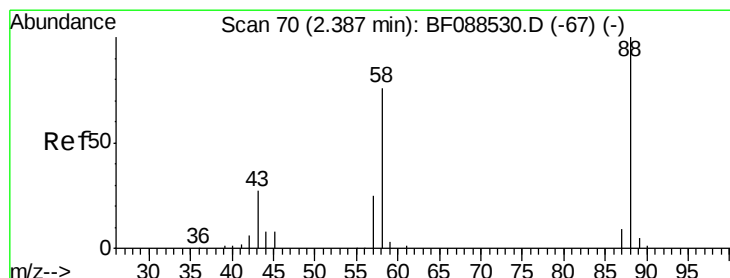
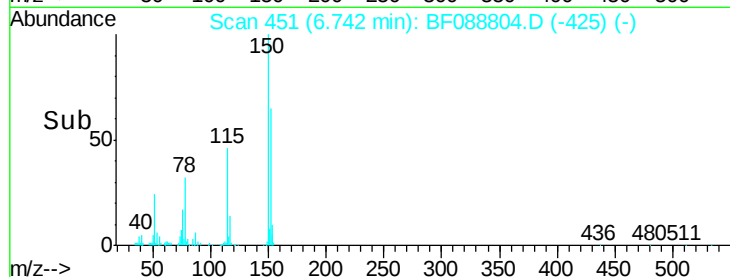
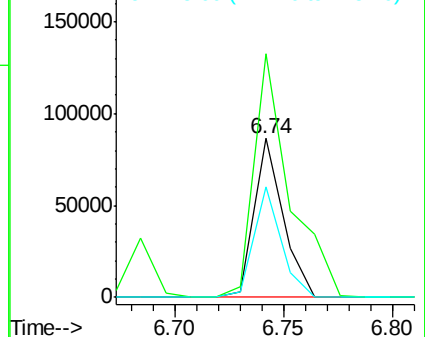
115 70.0 39.6 59.4#



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: 35.53 ng

RT: 2.25 min Scan# 58

Delta R.T. -0.03 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

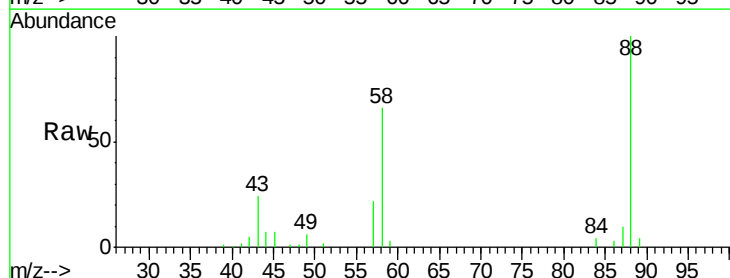
Tgt Ion: 88 Resp: 93872

Ion Ratio Lower Upper

88 100

58 67.0 0.0 0.0#

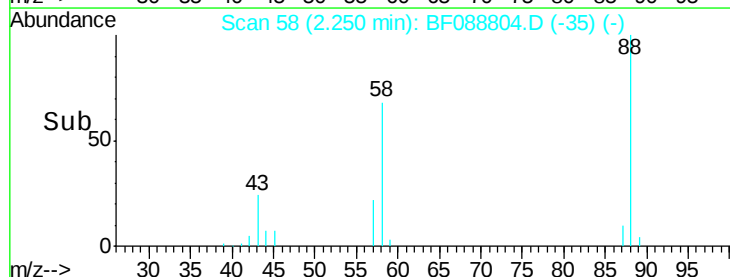
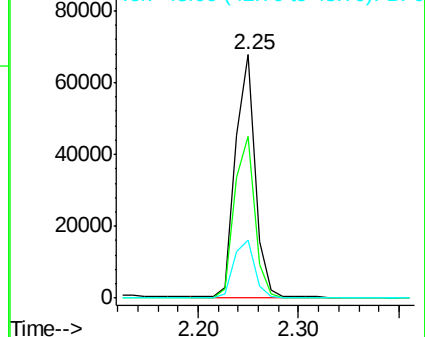
43 25.0 3.4 5.2#



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

Pyridine

Concen: 36.14 ng

RT: 2.92 min Scan# 117

Delta R.T. -0.02 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

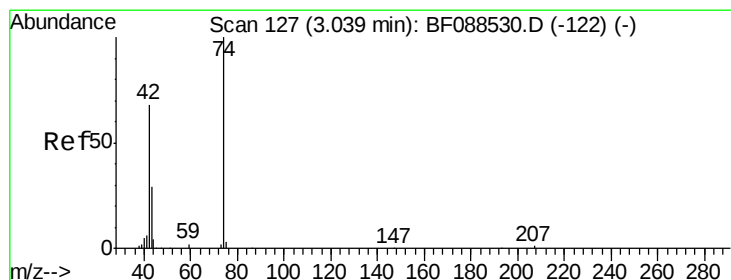
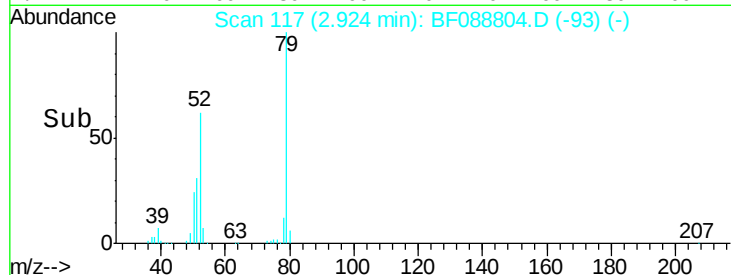
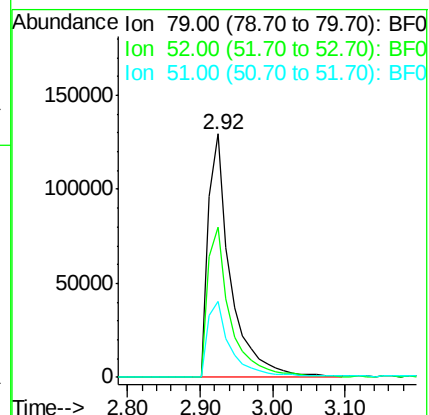
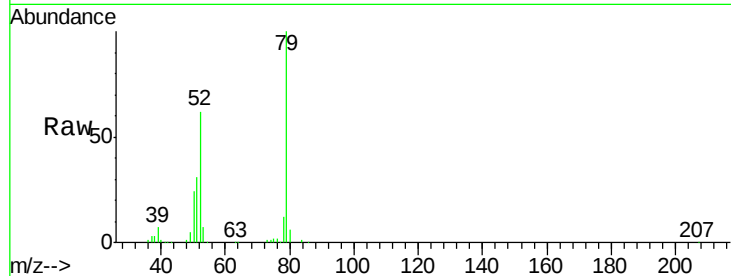
Tgt Ion: 79 Resp: 277070

Ion Ratio Lower Upper

79 100

52 61.8 56.3 84.5

51 31.3 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.04 ng

RT: 2.88 min Scan# 113

Delta R.T. -0.03 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

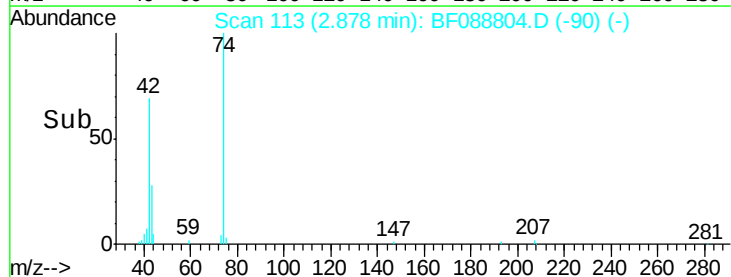
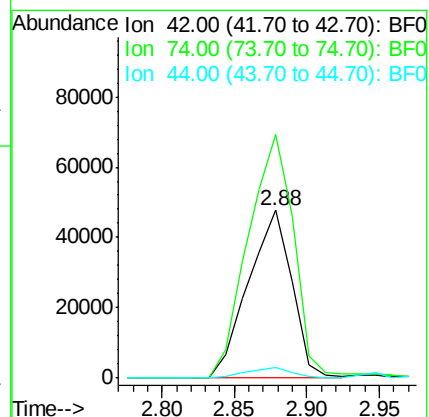
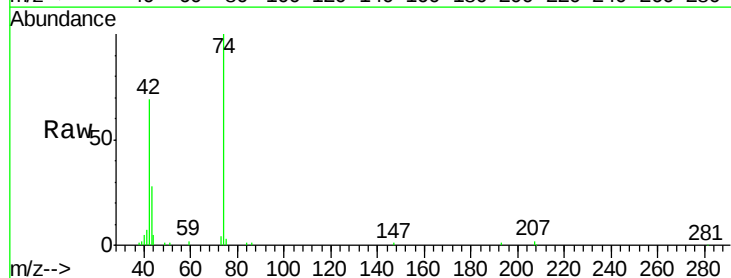
Tgt Ion: 42 Resp: 99695

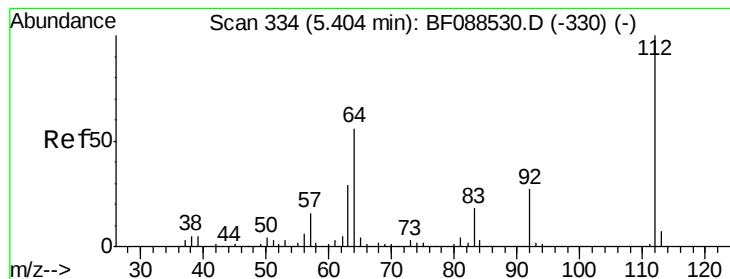
Ion Ratio Lower Upper

42 100

74 145.1 108.6 163.0

44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 82.05 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

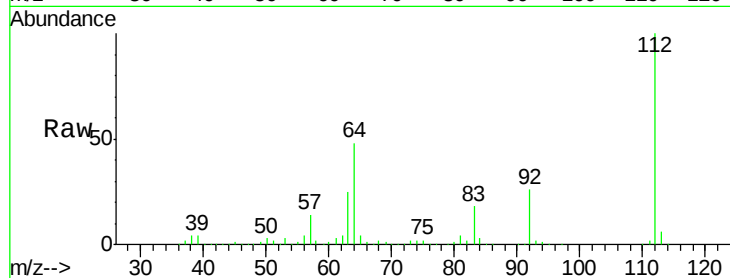
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

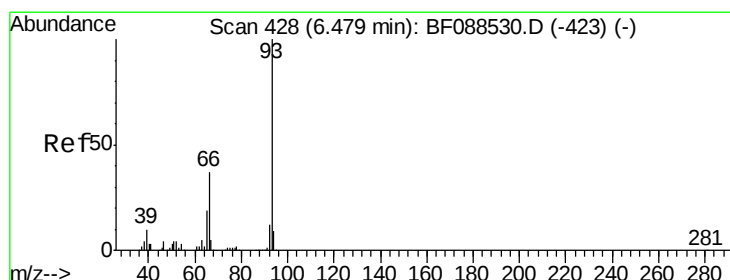
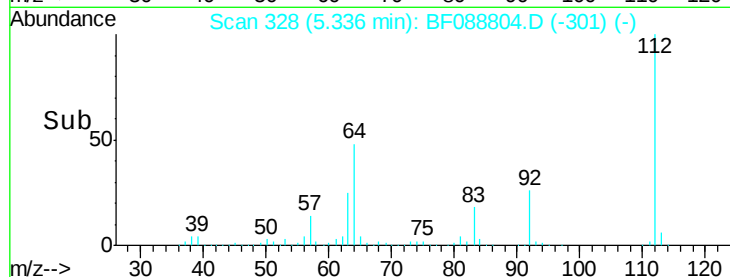
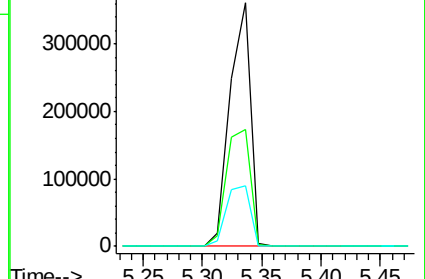
Tgt Ion:	112	Resp:	437213
Ion	Ratio	Lower	Upper
112	100		
64	47.8	42.2	63.2
63	25.1	21.8	32.8



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: 36.85 ng

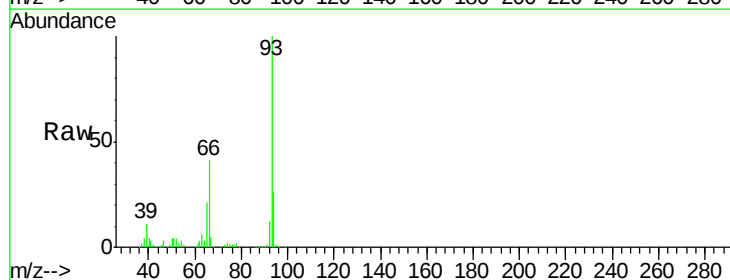
RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

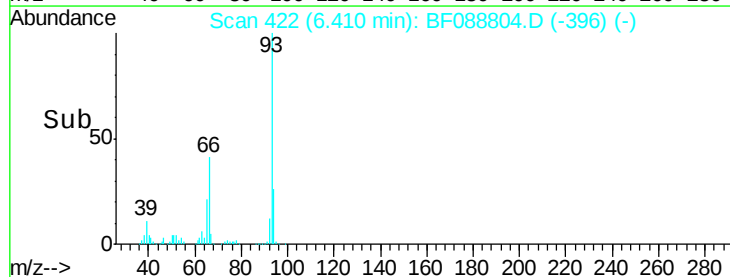
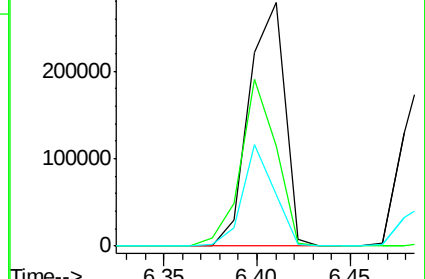
Tgt Ion:	93	Resp:	369790
Ion	Ratio	Lower	Upper
93	100		
66	41.3	29.8	44.8
65	21.4	14.9	22.3

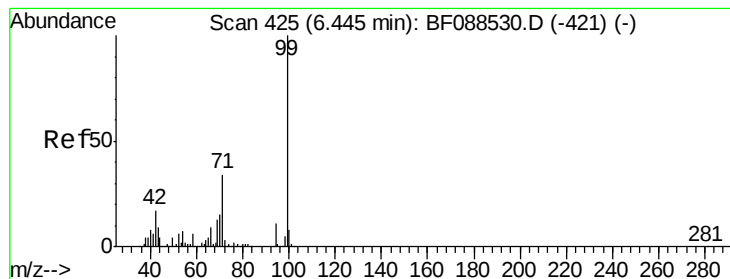


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.53 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

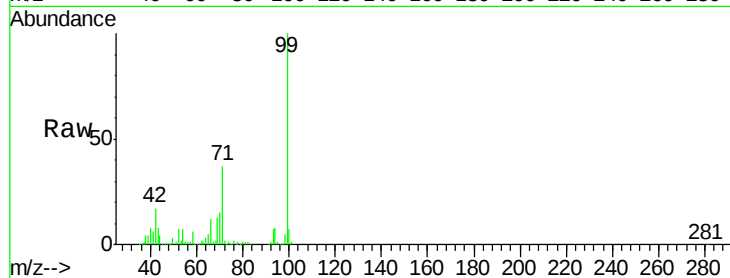
Tgt Ion: 99 Resp: 499387

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

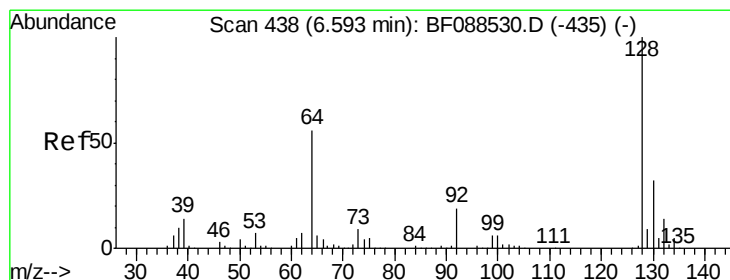
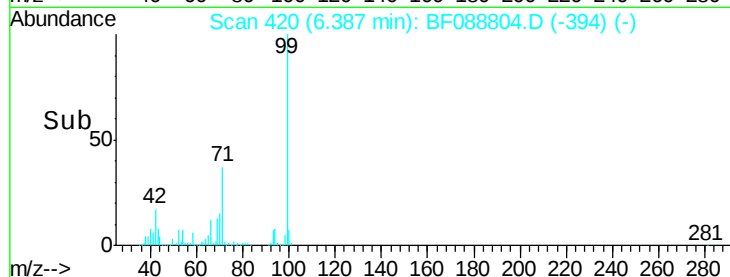
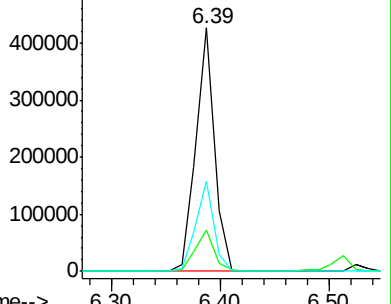
71 37.0 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.01 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

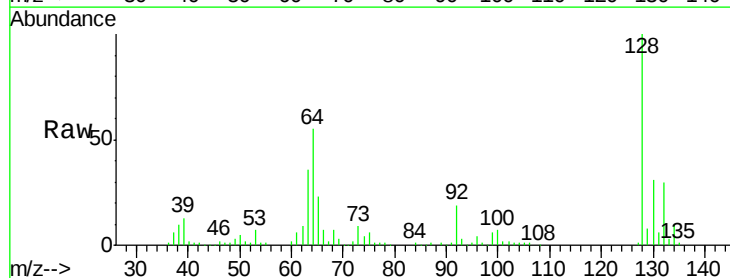
Tgt Ion: 128 Resp: 223430

Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

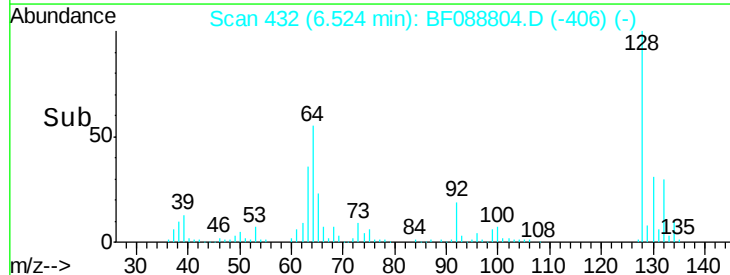
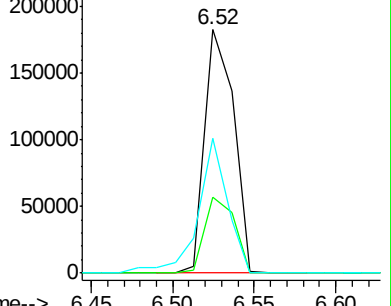
64 55.4 30.8 70.8

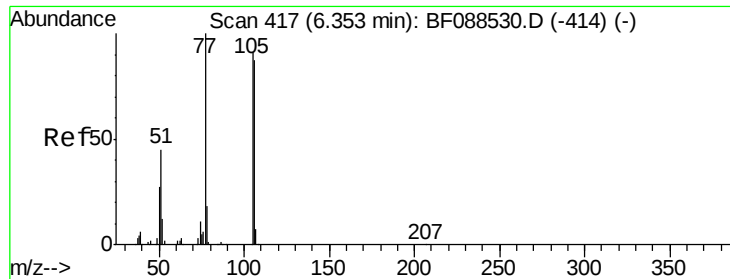


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.88 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

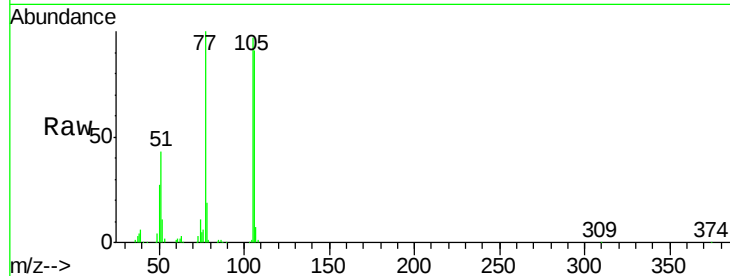
Tgt Ion: 77 Resp: 153362

Ion Ratio Lower Upper

77 100

105 97.5 90.6 130.6

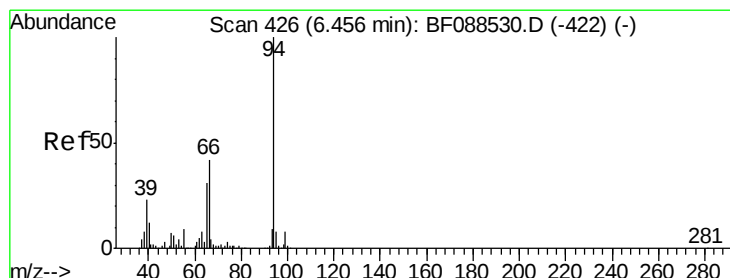
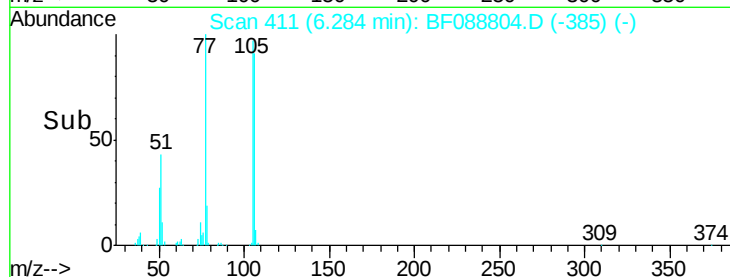
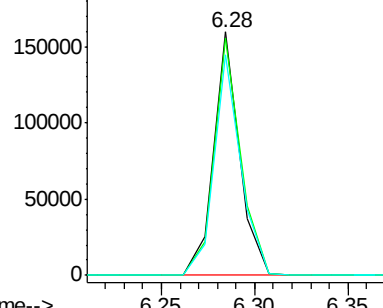
106 90.7 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.65 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

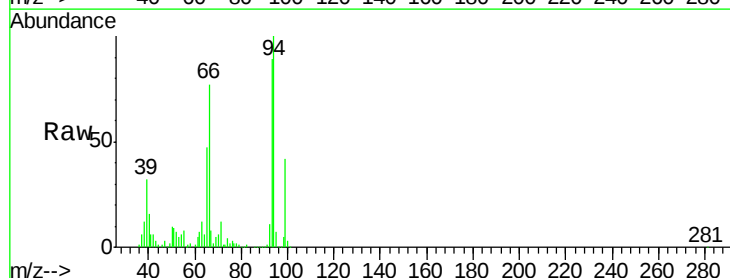
Tgt Ion: 94 Resp: 248693

Ion Ratio Lower Upper

94 100

65 46.6 5.9 45.9#

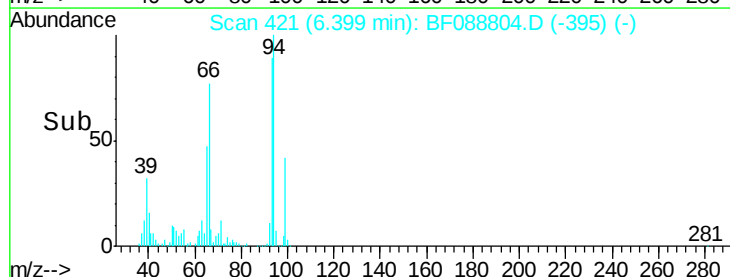
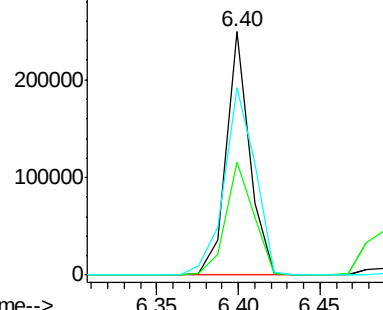
66 76.7 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

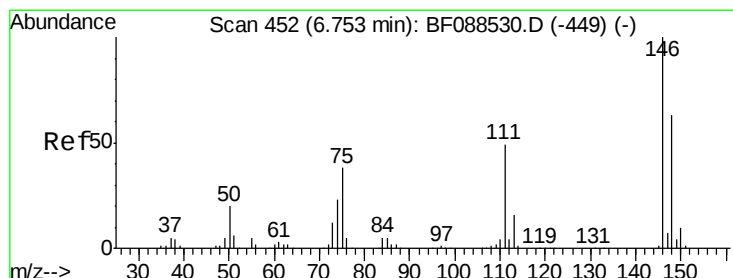
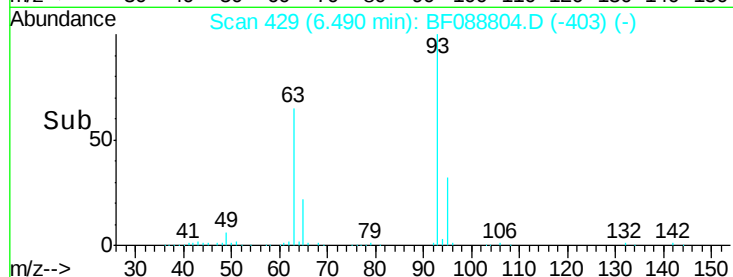
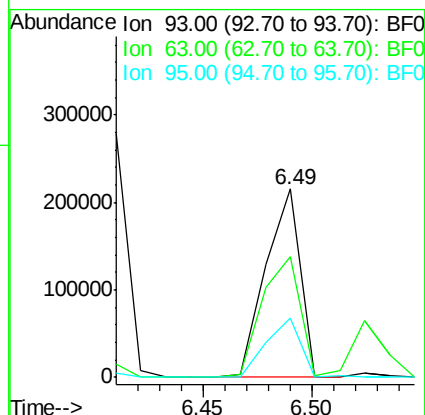
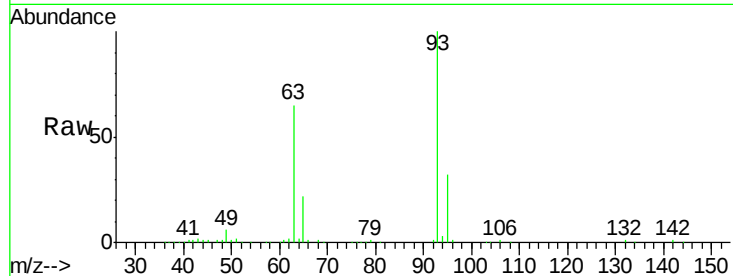




#11
bis(2-Chloroethyl)ether
Concen: 40.53 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

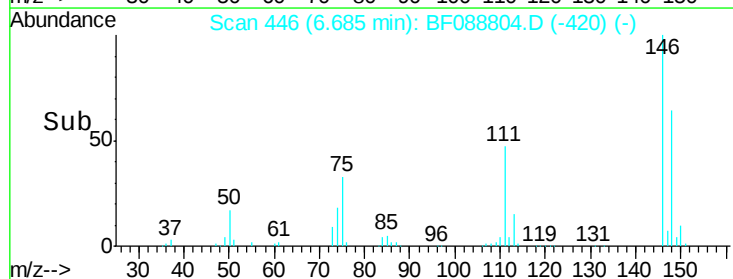
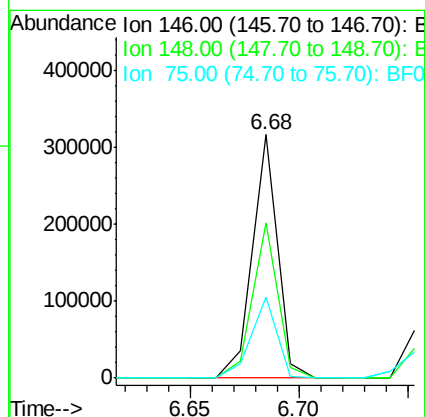
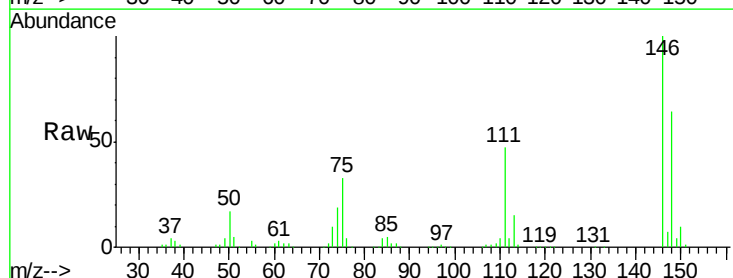
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

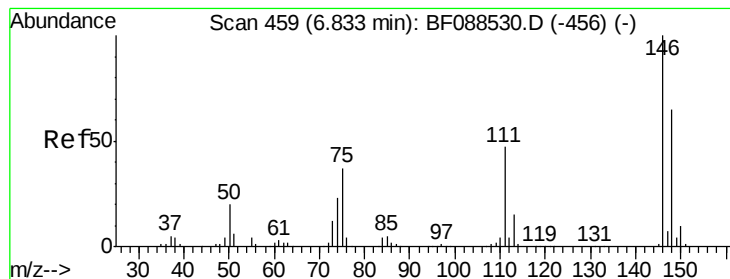
Tgt Ion: 93 Resp: 237522
Ion Ratio Lower Upper
93 100
63 64.5 67.6 107.6#
95 31.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.47 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion: 146 Resp: 255037
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 33.5 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.95 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

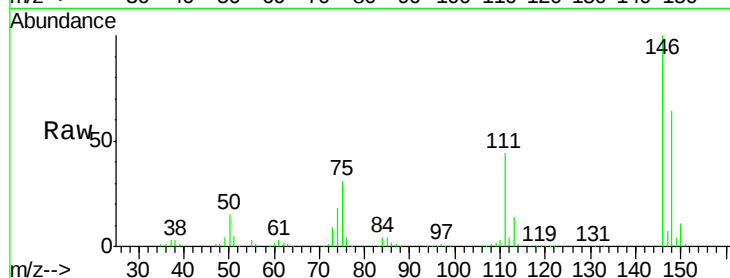
Tgt Ion:146 Resp: 268637

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

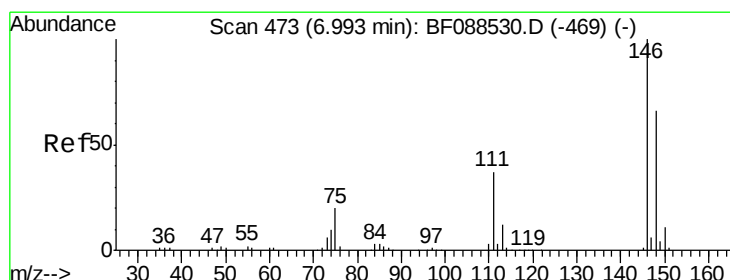
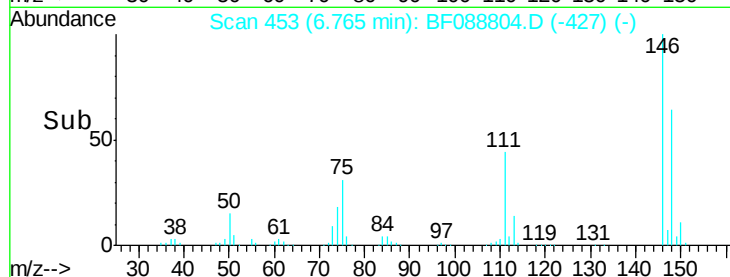
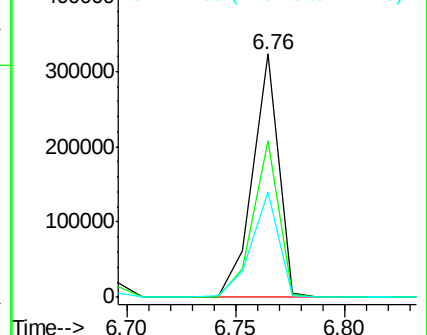
111 43.5 33.8 50.8



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: 36.90 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

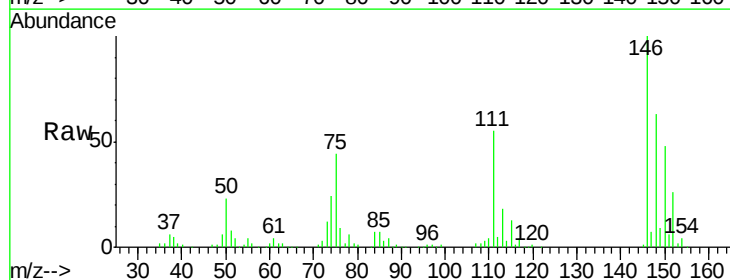
Tgt Ion:146 Resp: 216062

Ion Ratio Lower Upper

146 100

148 62.7 52.3 78.5

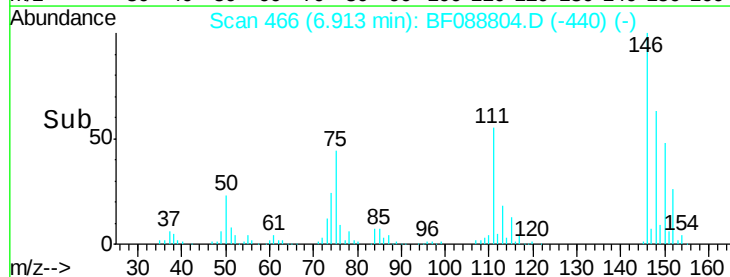
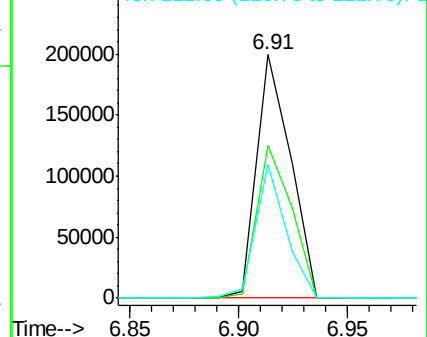
111 54.7 28.7 43.1#



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: 34.59 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

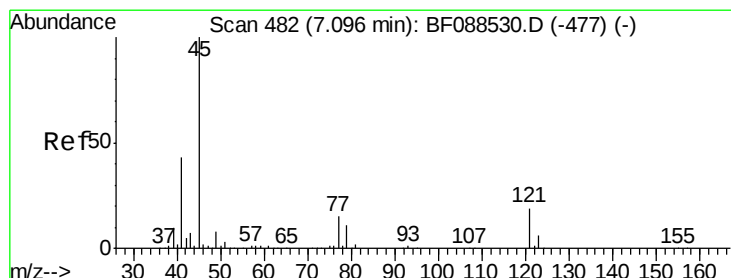
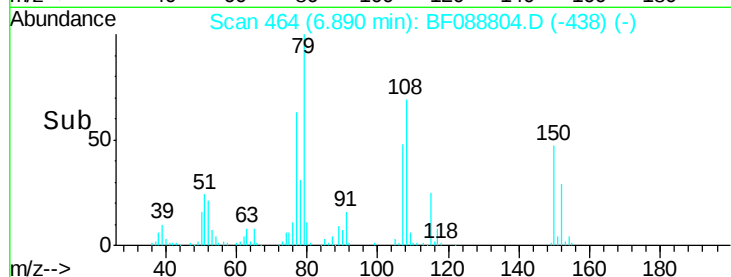
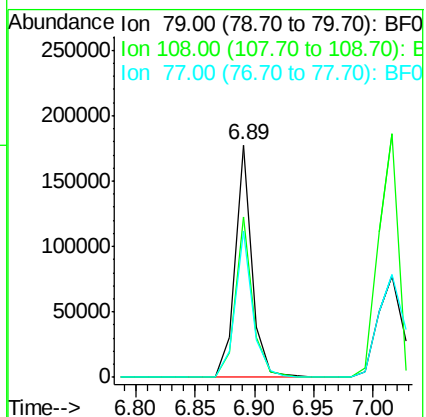
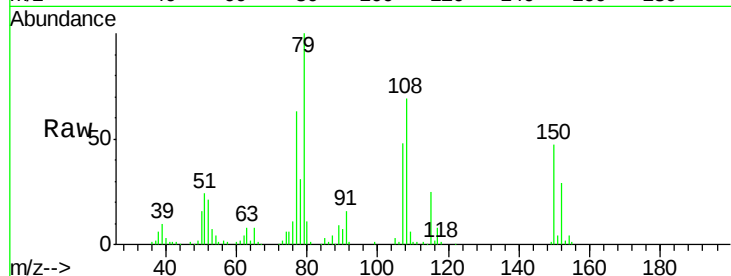
Tgt Ion: 79 Resp: 175271

Ion Ratio Lower Upper

79 100

108 69.1 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.09 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

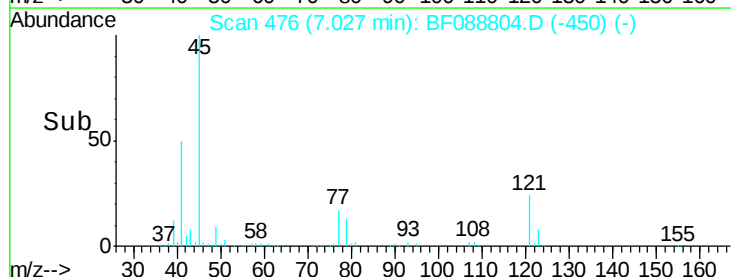
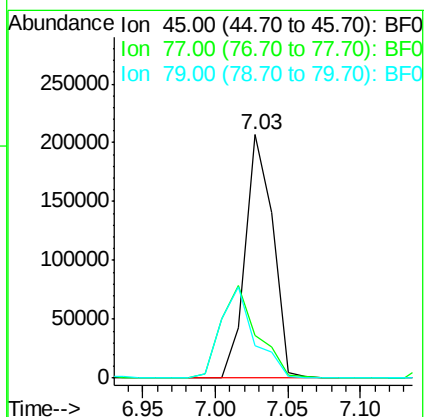
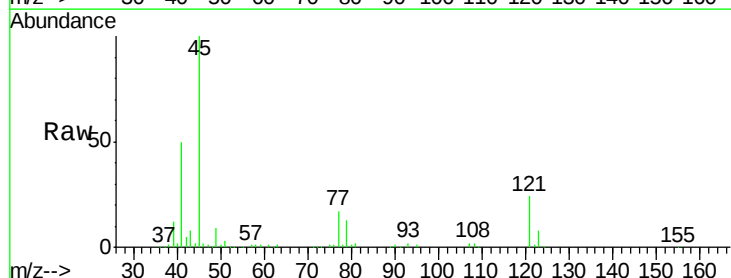
Tgt Ion: 45 Resp: 272336

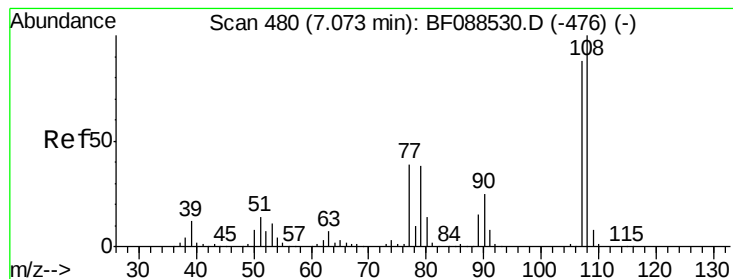
Ion Ratio Lower Upper

45 100

77 17.4 0.0 32.5

79 13.2 0.0 29.5





#17

2-Methylphenol

Concen: 41.30 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 192940

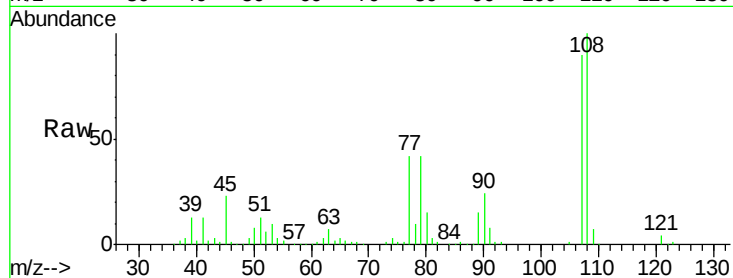
Ion Ratio Lower Upper

107 100

108 110.6 90.9 136.3

77 46.7 36.6 55.0

79 45.9 36.5 54.7

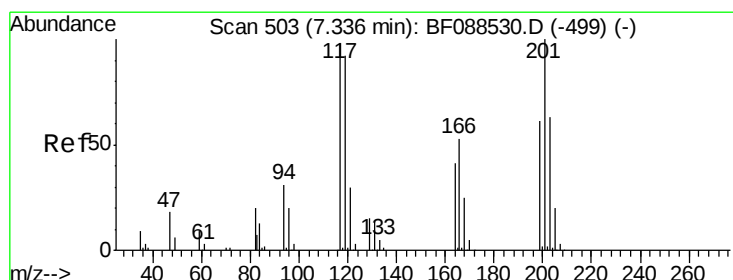
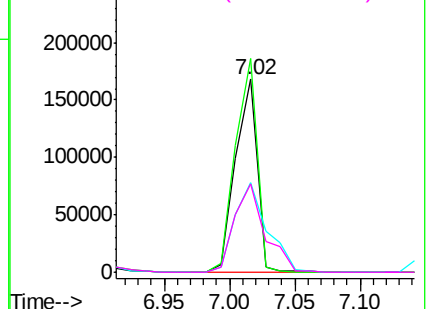
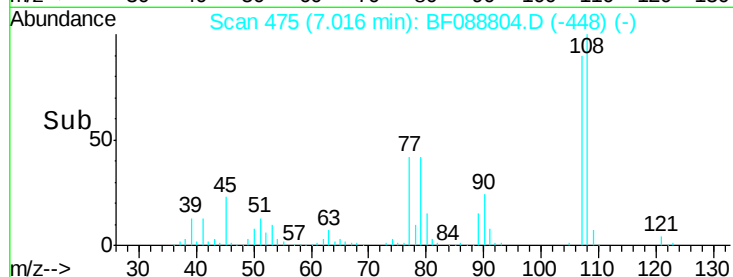


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.68 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

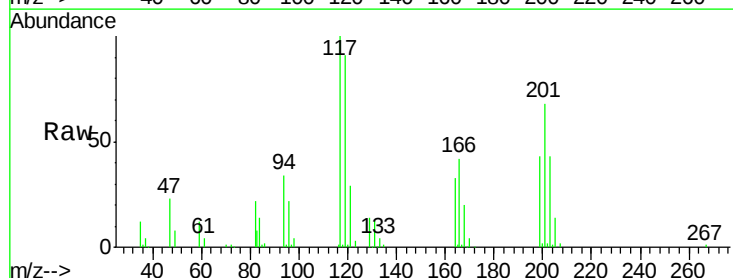
Tgt Ion:117 Resp: 74238

Ion Ratio Lower Upper

117 100

119 90.6 77.4 116.2

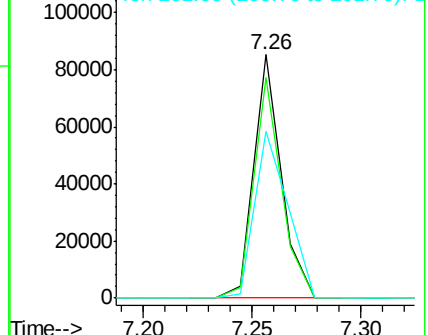
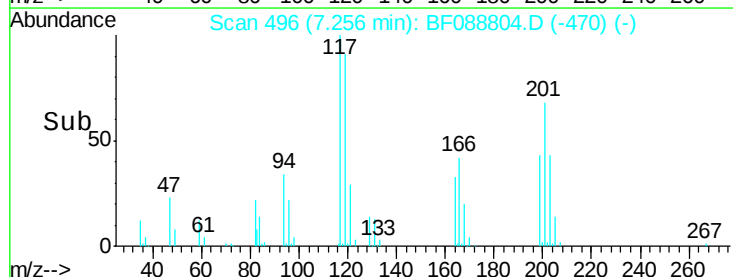
201 68.3 80.4 120.6#

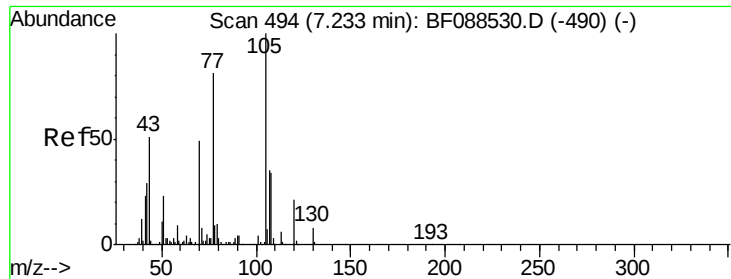


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

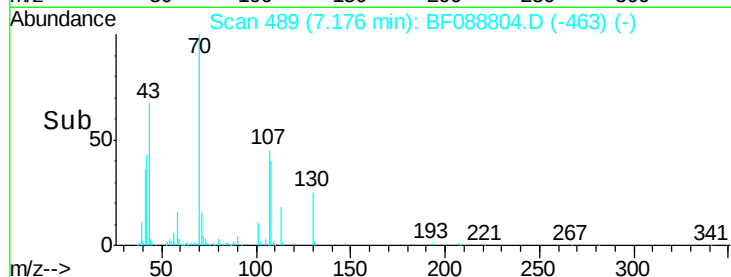
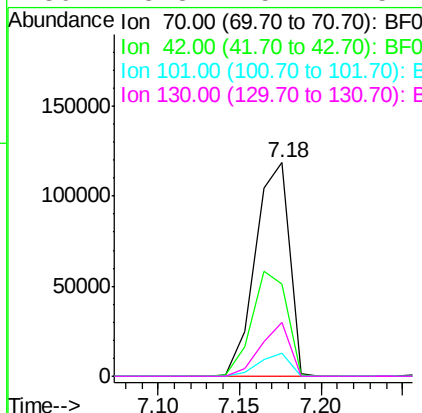
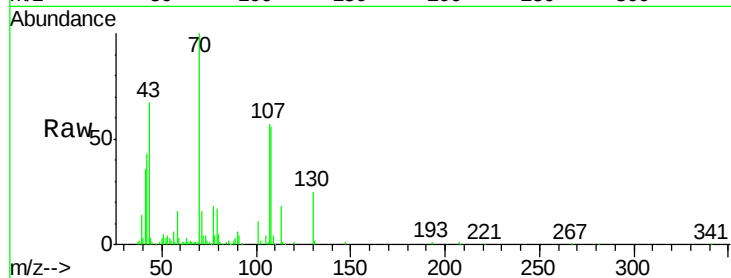




#19
n-Nitroso-di-n-propylamine
Concen: 36.99 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

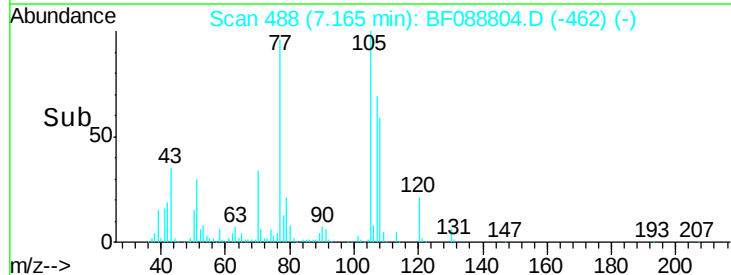
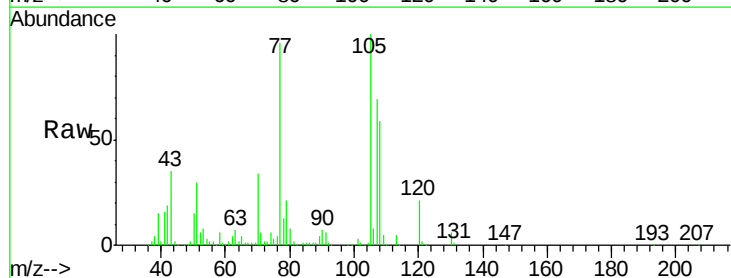
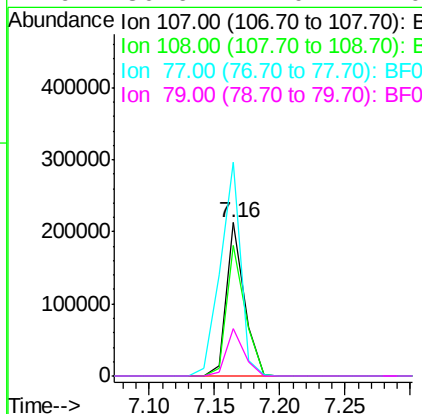
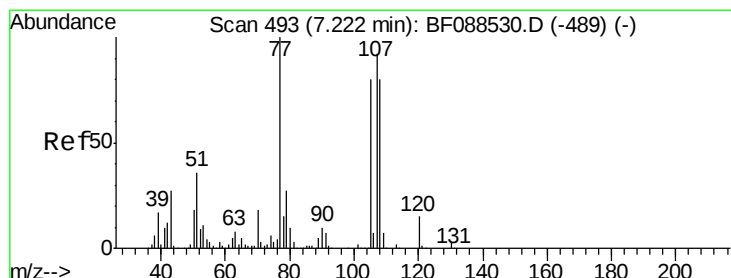
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

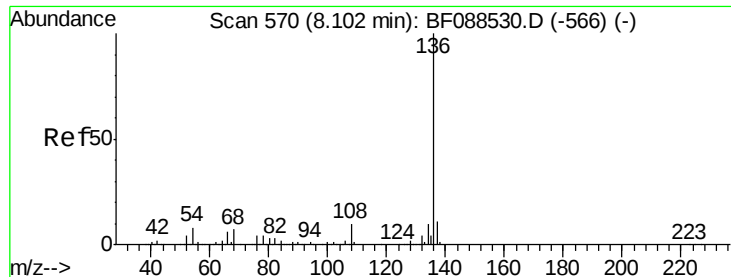
Tgt Ion: 70 Resp: 171048
Ion Ratio Lower Upper
70 100
42 42.9 49.6 74.4#
101 10.7 7.1 10.7
130 25.3 15.4 23.2#



#20
3+4-Methylphenols
Concen: 36.53 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:107 Resp: 204815
Ion Ratio Lower Upper
107 100
108 85.2 67.8 107.8
77 139.1 59.3 99.3#
79 30.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 325175

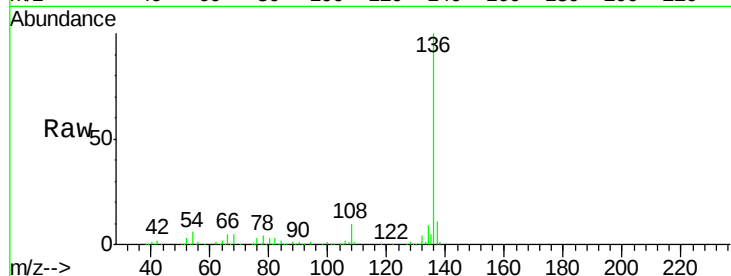
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.2 6.6 10.0#

68 5.3 5.1 7.7

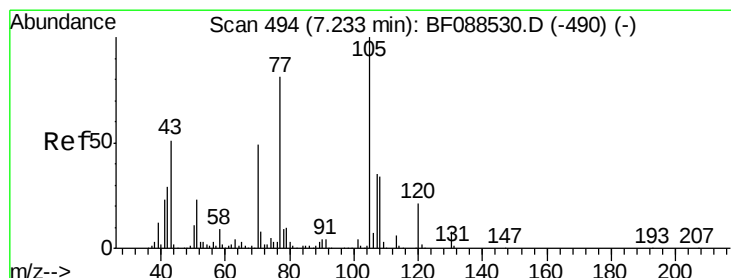
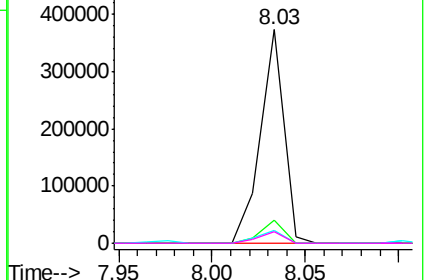
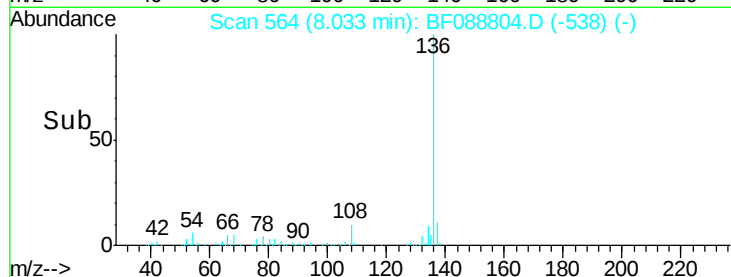


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.17 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:105 Resp: 332788

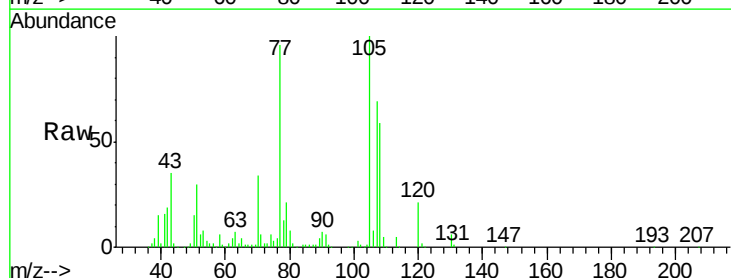
Ion Ratio Lower Upper

105 100

71 5.7 5.3 7.9

51 29.9 18.2 27.4#

120 20.7 18.0 27.0

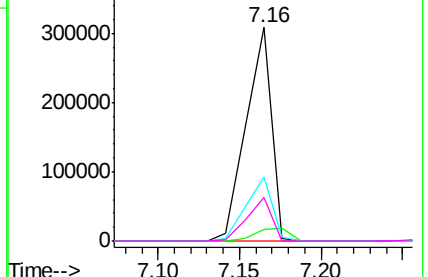
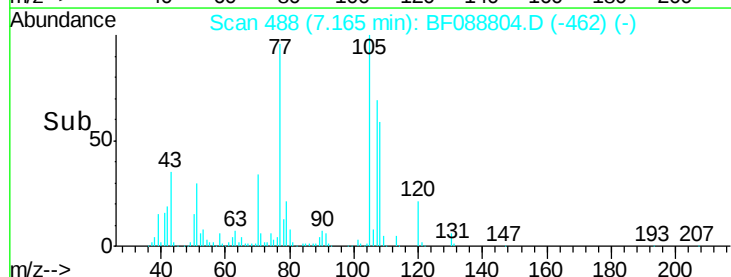


Abundance Ion 105.00 (104.70 to 105.70): E

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

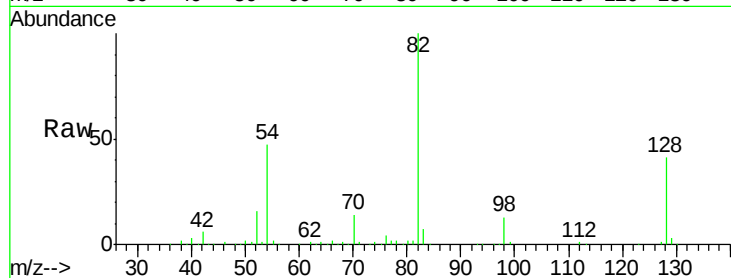




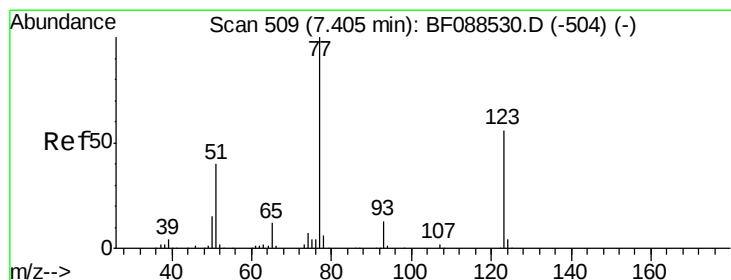
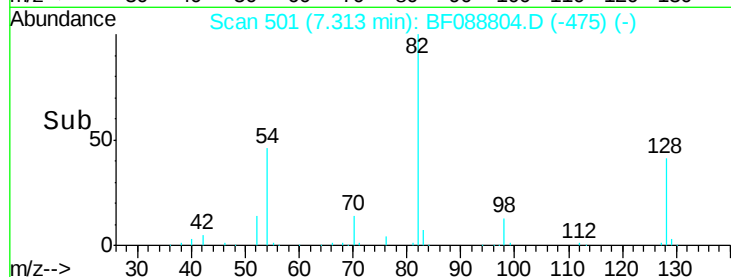
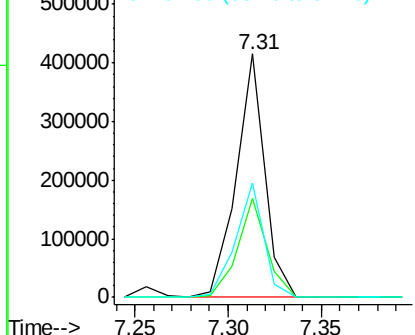
#23
 Nitrobenzene-d5
 Concen: 71.18 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 441649
 Ion Ratio Lower Upper
 82 100
 128 40.5 35.9 53.9
 54 47.2 40.9 61.3

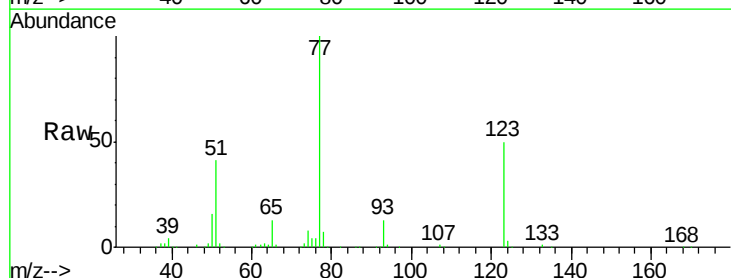


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

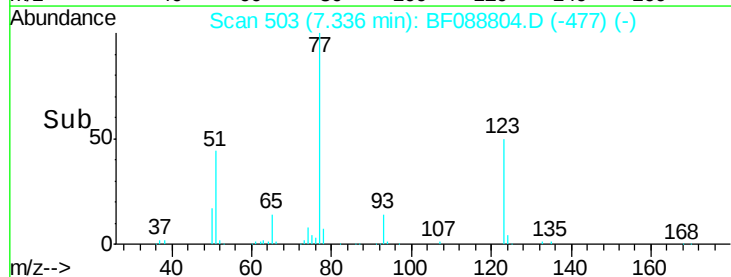
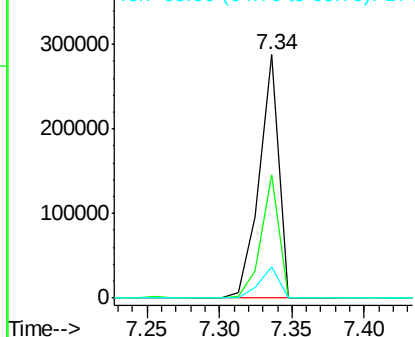


#24
 Nitrobenzene
 Concen: 42.94 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion: 77 Resp: 268655
 Ion Ratio Lower Upper
 77 100
 123 50.4 45.0 67.4
 65 12.6 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: 37.35 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

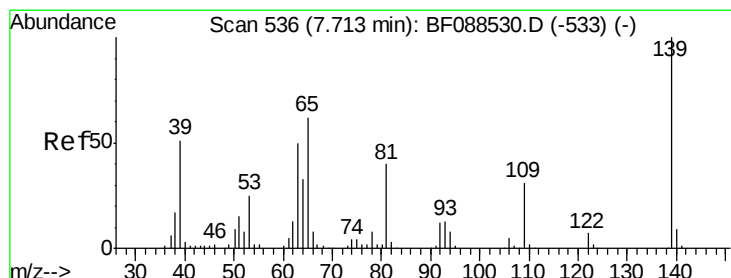
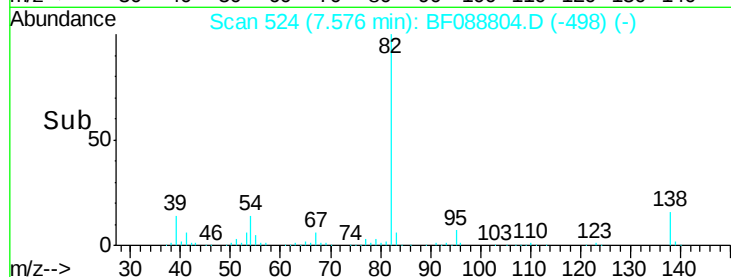
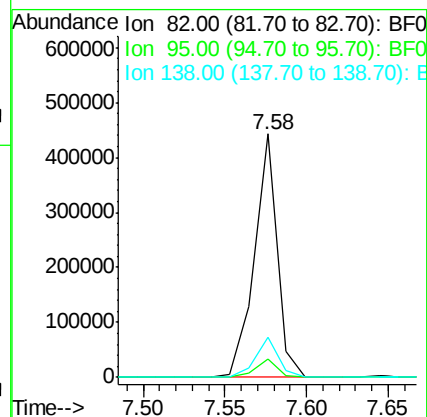
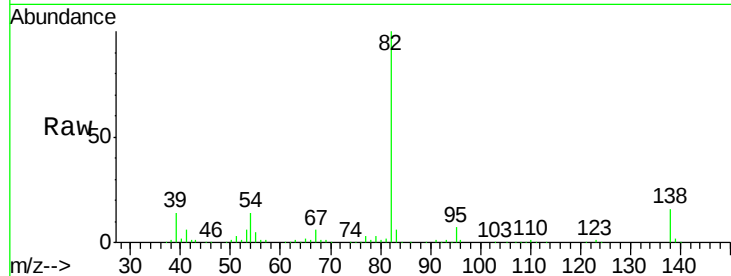
Tgt Ion: 82 Resp: 429326

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 16.4 14.6 21.8



#26

2-Nitrophenol

Concen: 32.90 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

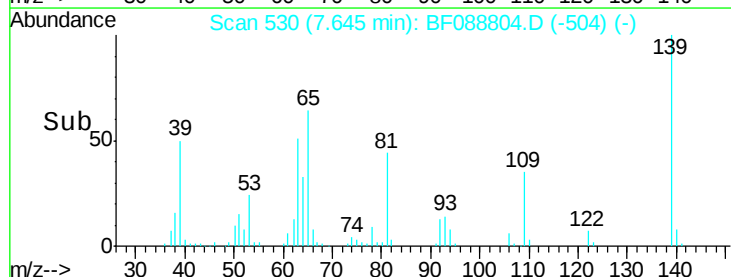
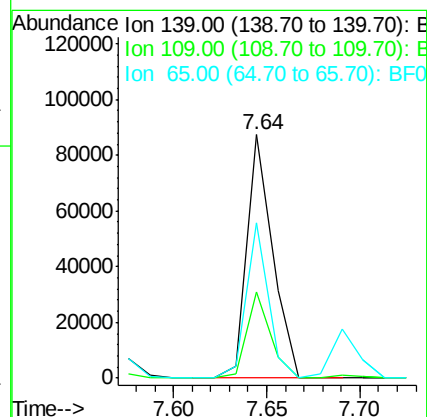
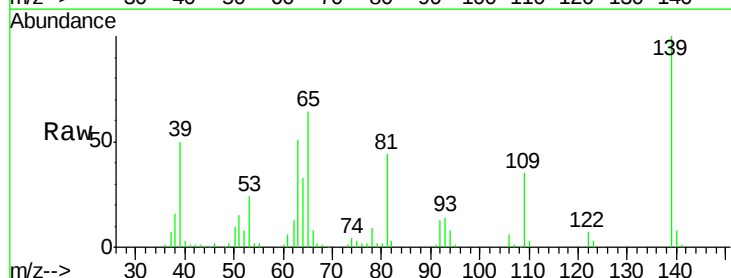
Tgt Ion: 139 Resp: 84395

Ion Ratio Lower Upper

139 100

109 35.4 23.0 34.4#

65 63.9 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 33.76 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

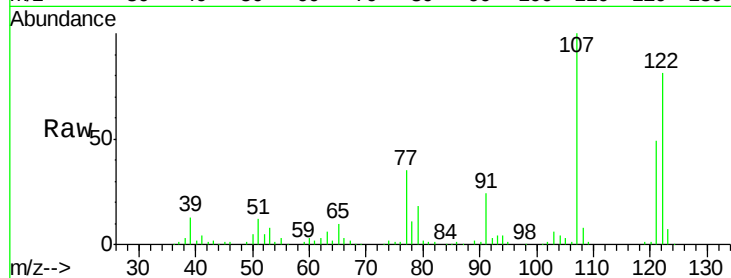
Tgt Ion:122 Resp: 180370

Ion Ratio Lower Upper

122 100

107 123.8 82.4 123.6#

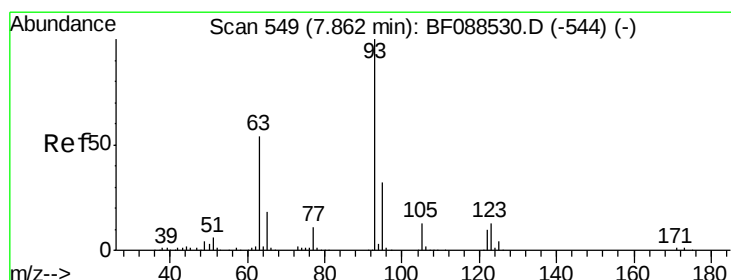
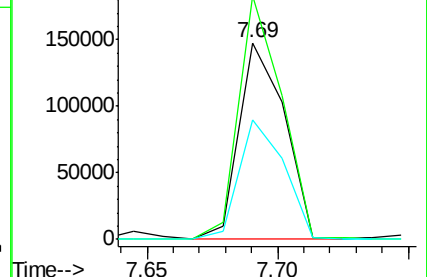
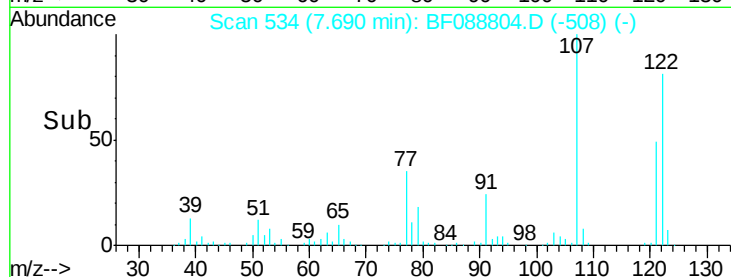
121 60.9 46.3 69.5



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: 39.90 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

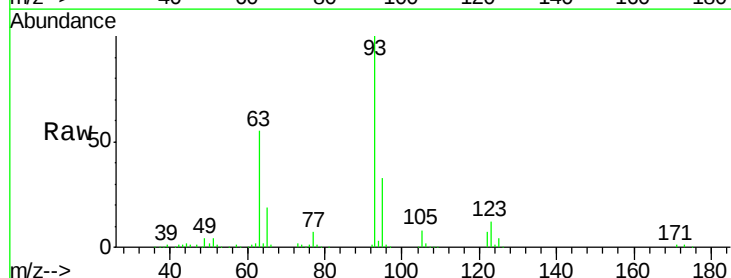
Tgt Ion: 93 Resp: 298440

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

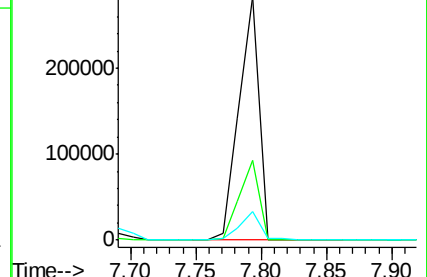
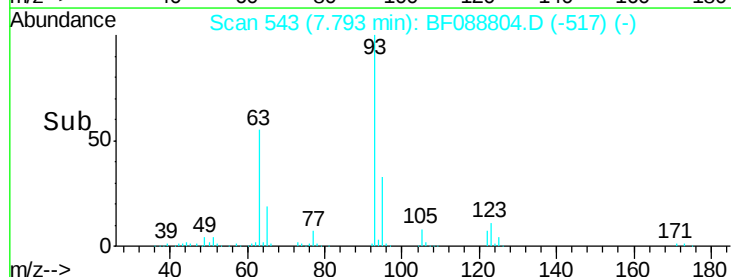
123 11.6 11.6 17.4#



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

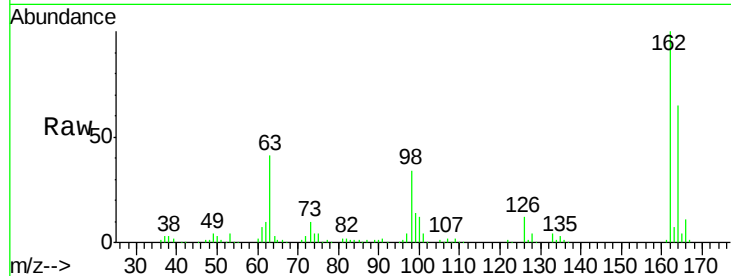




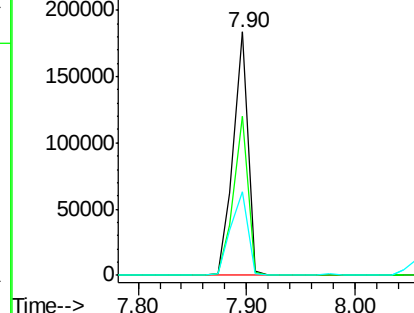
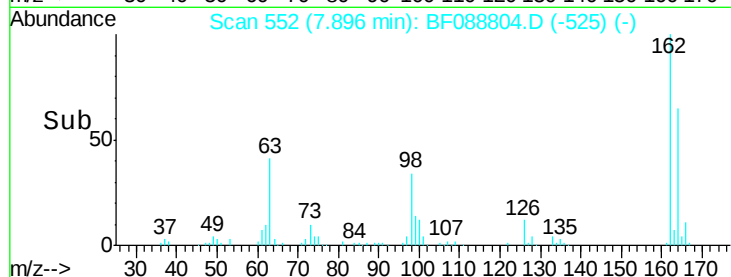
#29
2,4-Dichlorophenol
Concen: 40.20 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	34.4	21.3	61.3

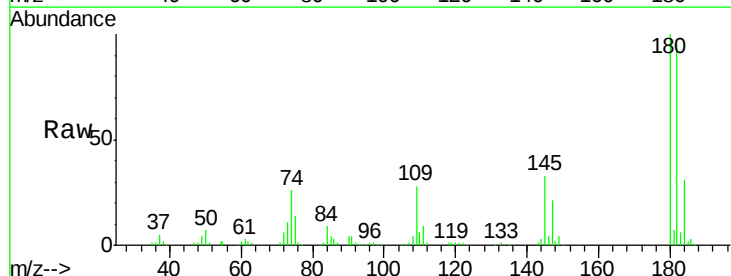


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

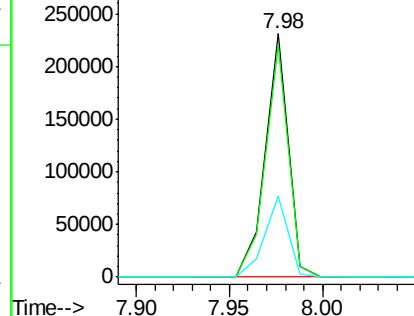
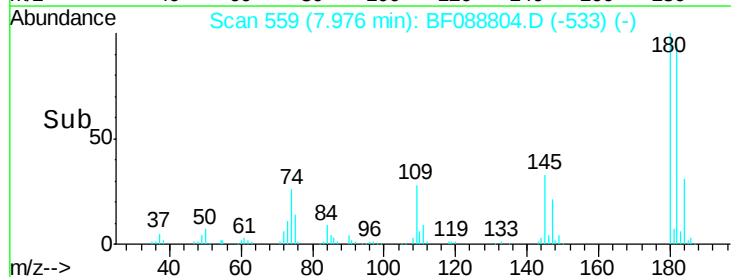


#30
1,2,4-Trichlorobenzene
Concen: 41.31 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.0	114.0
145	33.4	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

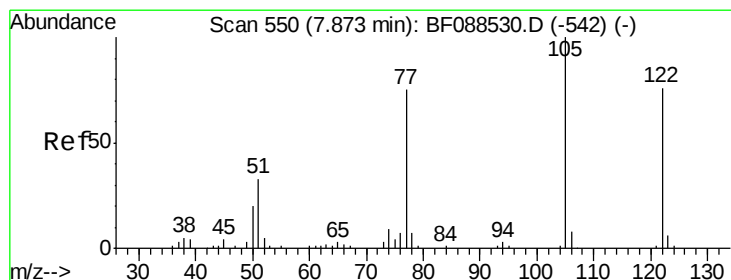
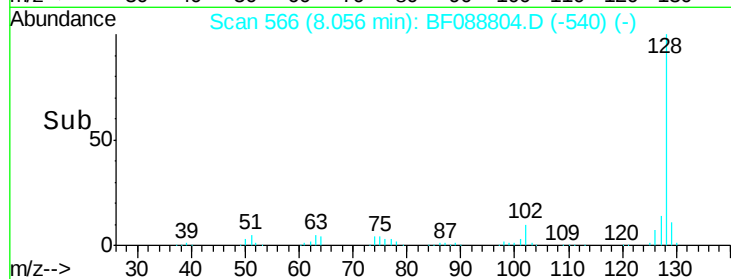
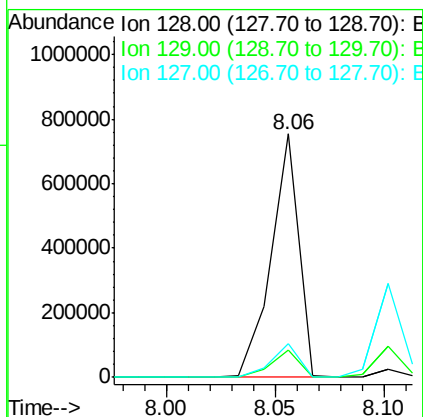
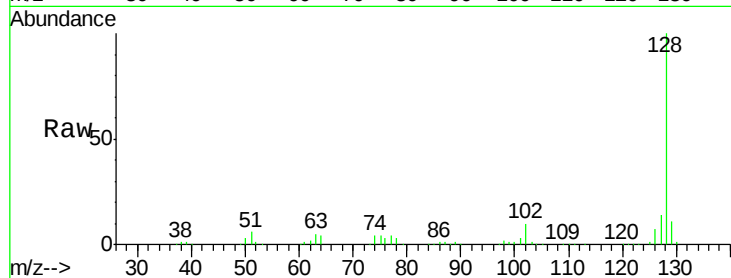




#31
Naphthalene
Concen: 42.19 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

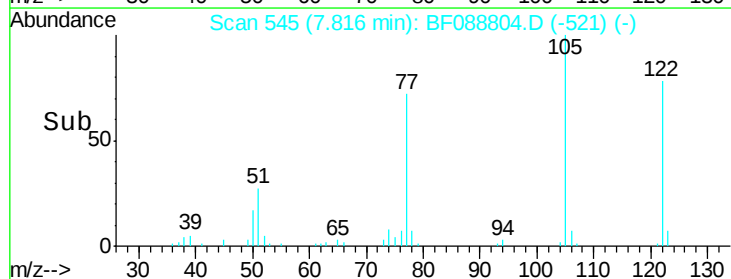
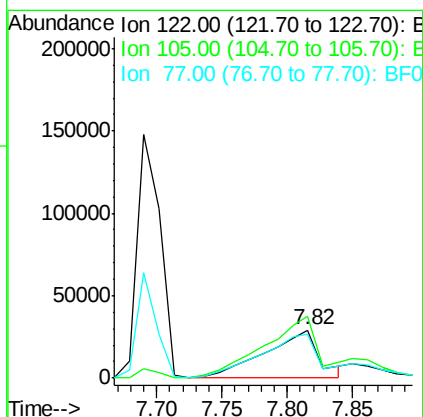
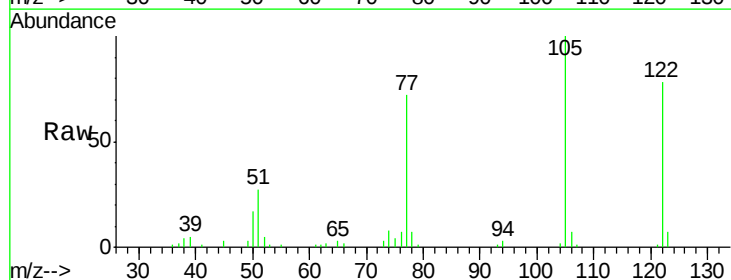
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

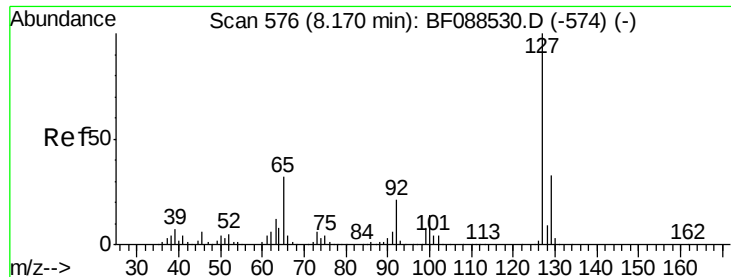
Tgt Ion:128 Resp: 676332
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 20.81 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:122 Resp: 80734
Ion Ratio Lower Upper
122 100
105 127.9 101.6 141.6
77 91.9 70.6 110.6

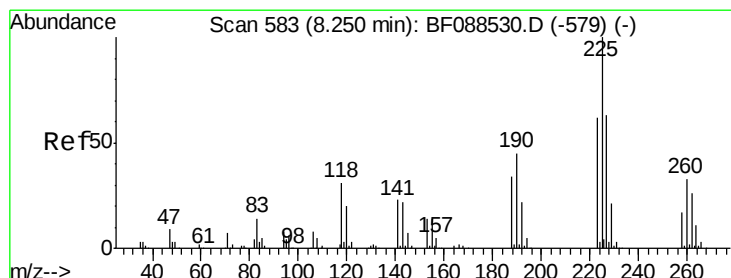
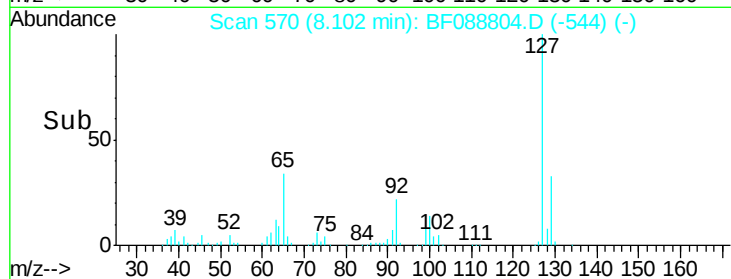
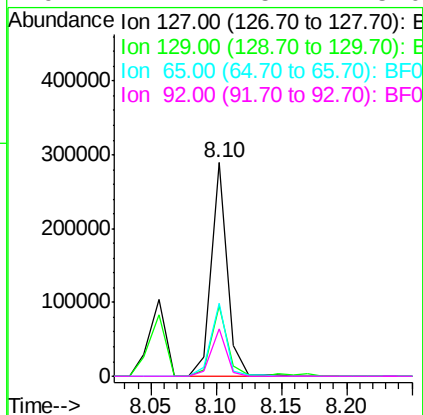
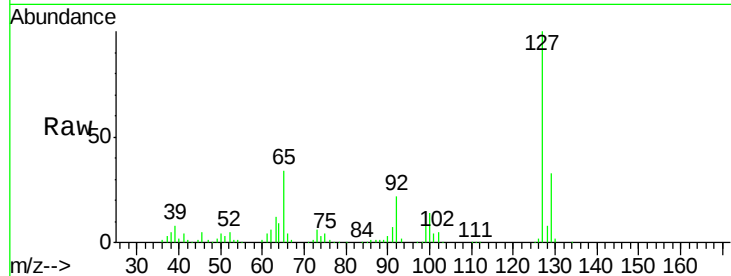




#33
4-Chloroaniline
Concen: 34.95 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

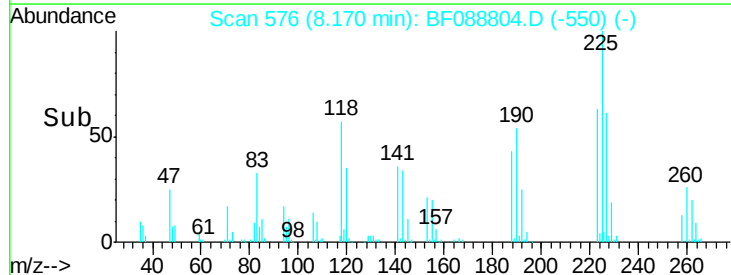
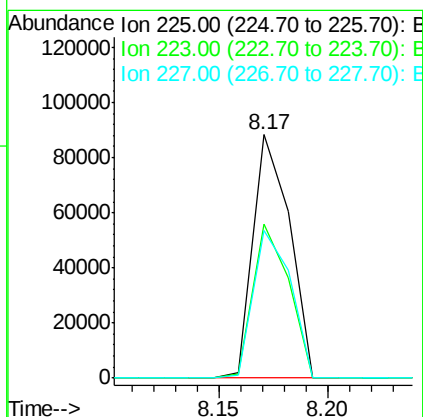
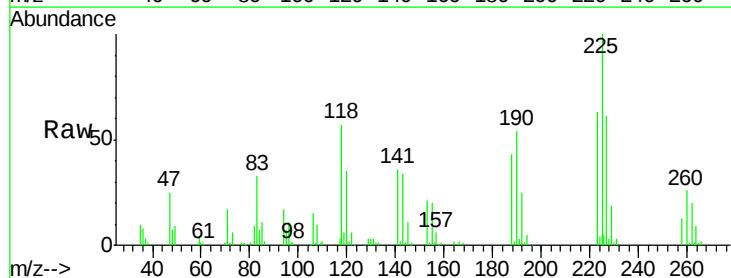
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	249314
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	34.3	24.7	37.1
92	22.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.69 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:	225	Resp:	103252
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	60.8	51.9	77.9

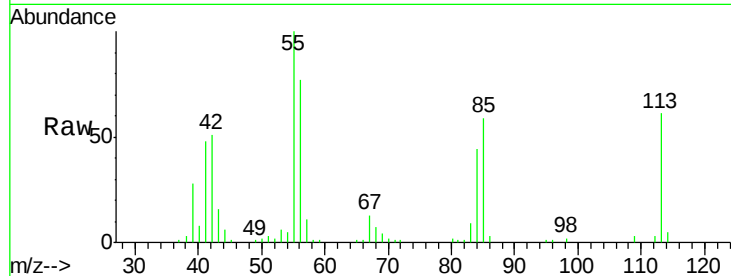




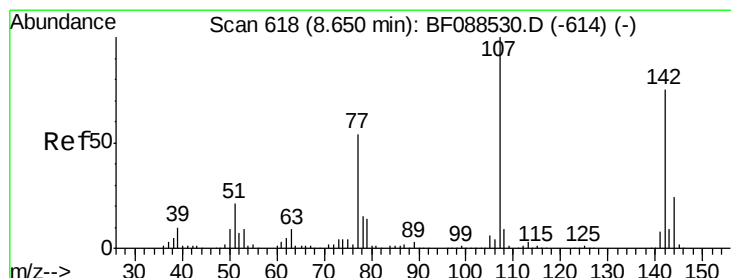
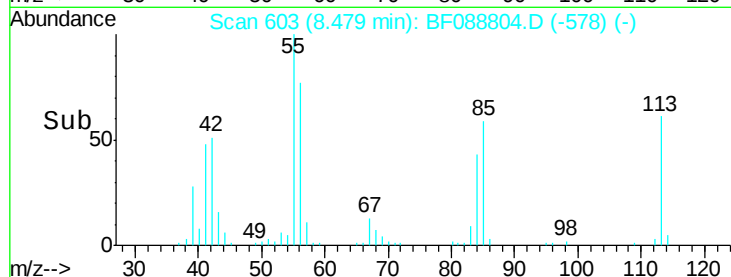
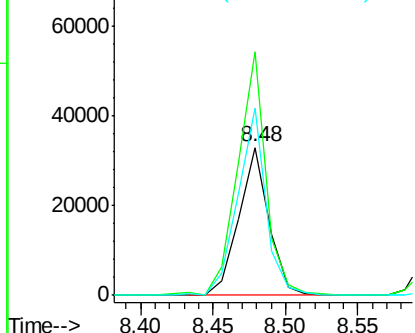
#35
 Caprolactam
 Concen: 32.09 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 47068
 Ion Ratio Lower Upper
 113 100
 55 164.8 158.6 198.6
 56 126.9 110.6 150.6

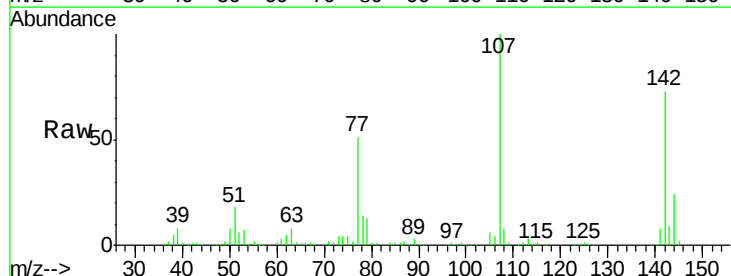


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

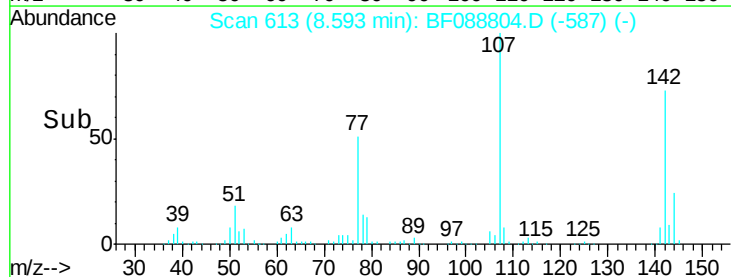
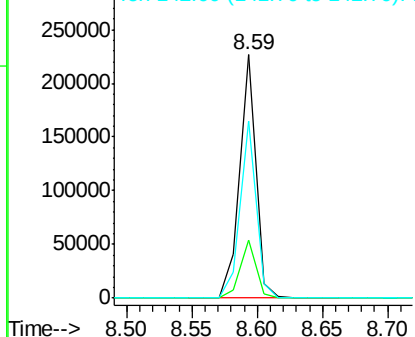


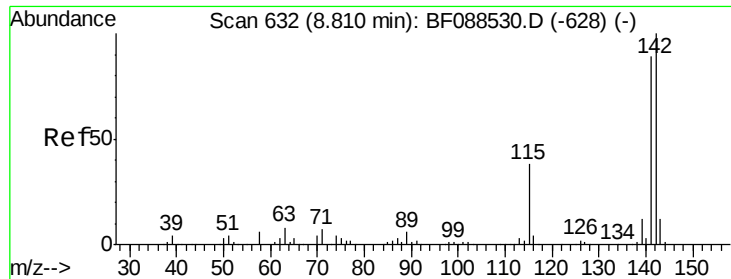
#36
 4-Chloro-3-methylphenol
 Concen: 37.95 ng
 RT: 8.59 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:107 Resp: 193782
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.8 31.2
 142 72.7 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

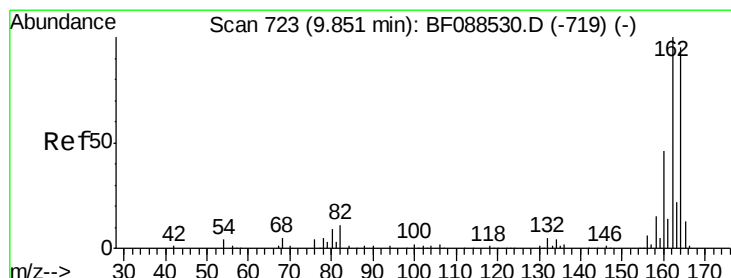
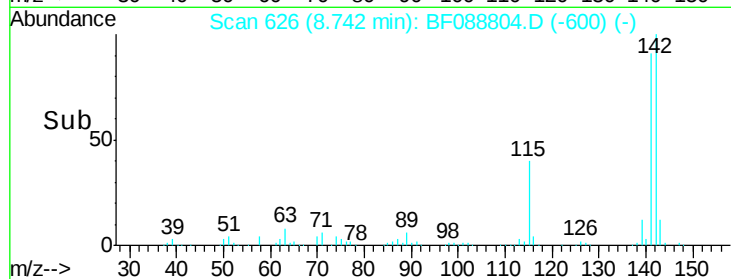
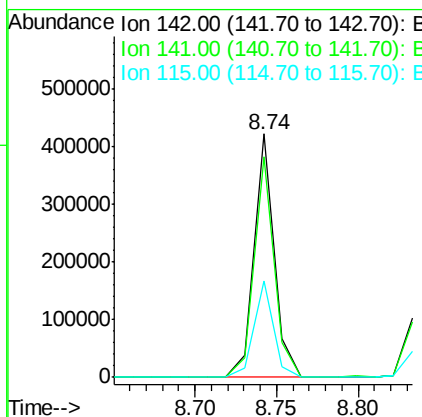
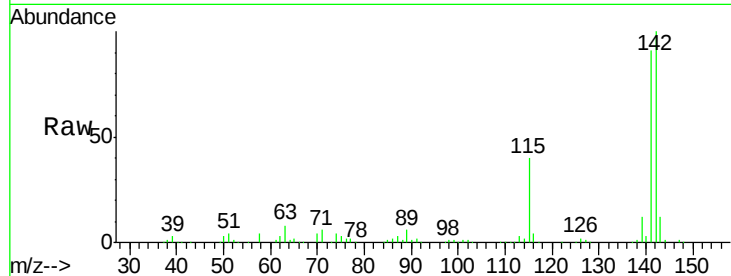




#37
 2-Methylnaphthalene
 Concen: 35.15 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

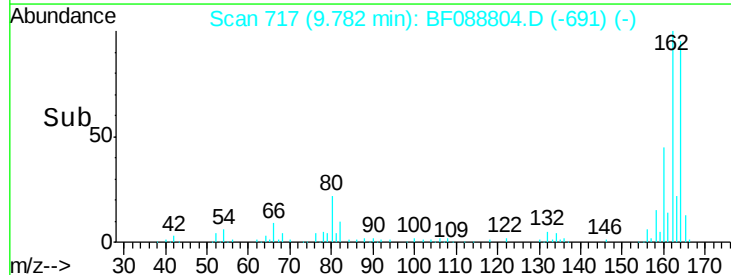
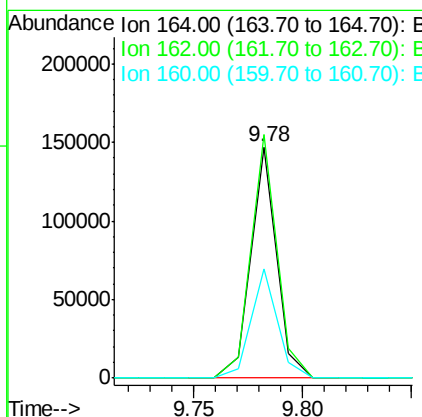
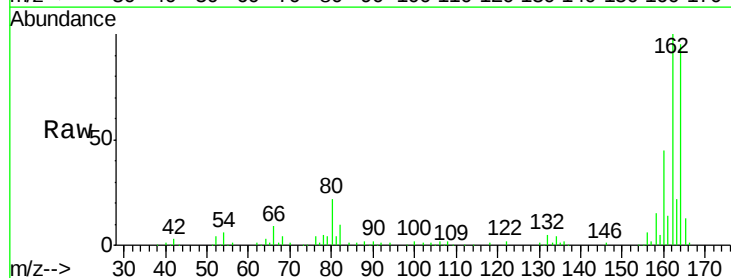
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 362809
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 39.8 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:164 Resp: 120852
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.3 39.5 59.3

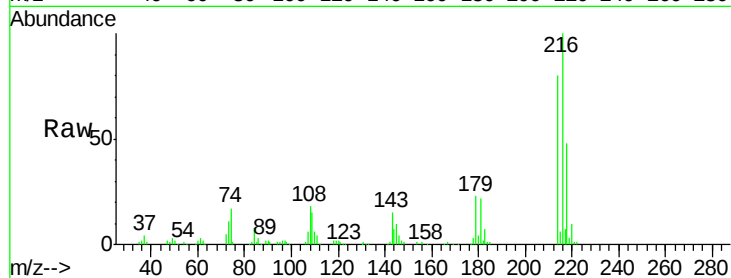




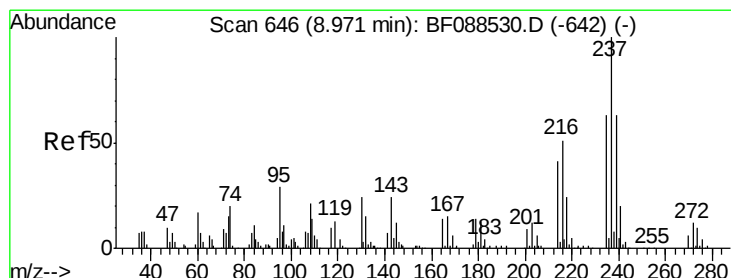
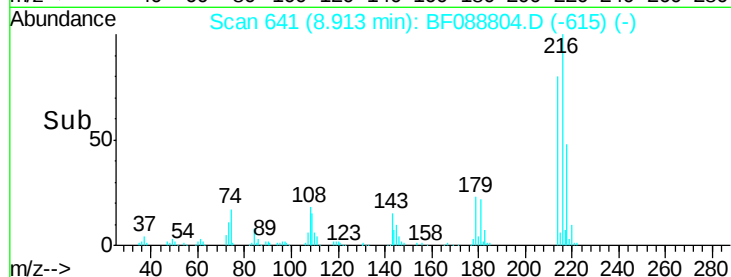
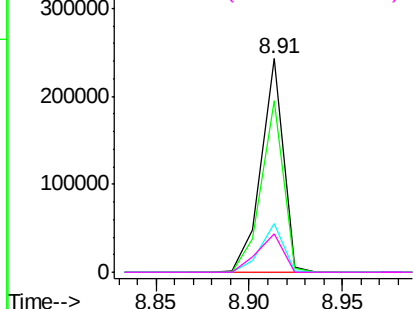
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.72 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	203868
Ion	Ratio	Lower	Upper
216	100		
214	80.0	2.9	4.3#
179	23.8	0.0	0.0#
108	20.4	0.5	0.7#

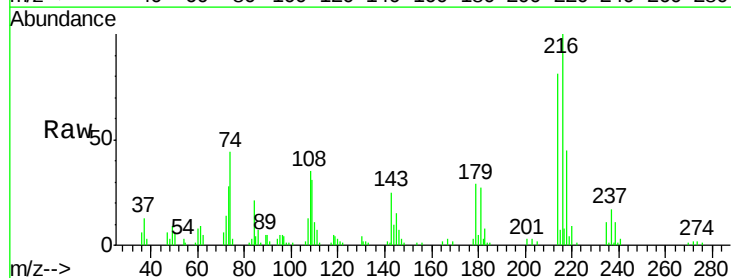


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

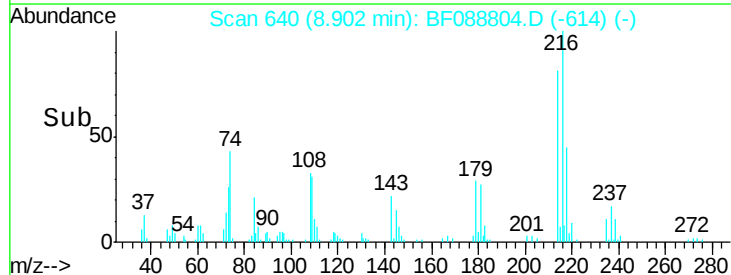
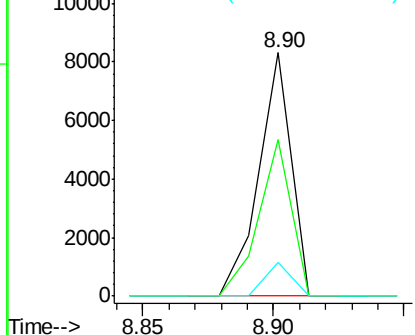


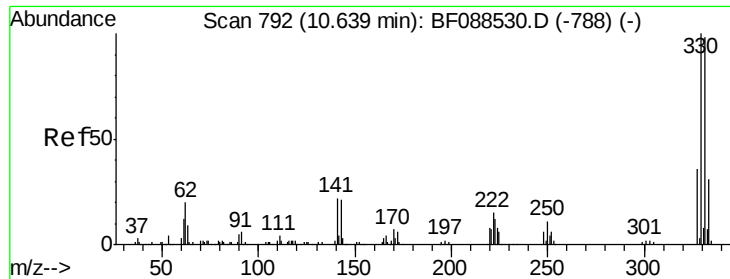
#40
 Hexachlorocyclopentadiene
 Concen: 3.61 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:	237	Resp:	7118
Ion	Ratio	Lower	Upper
237	100		
235	64.5	43.4	83.4
272	13.9	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

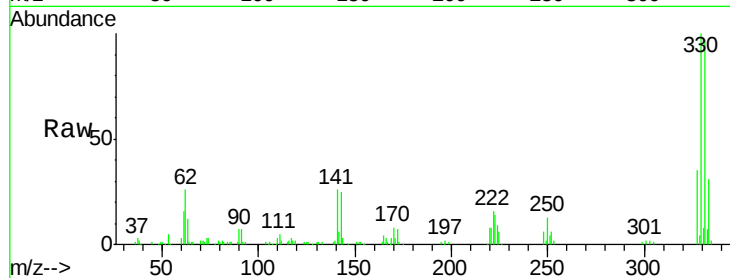




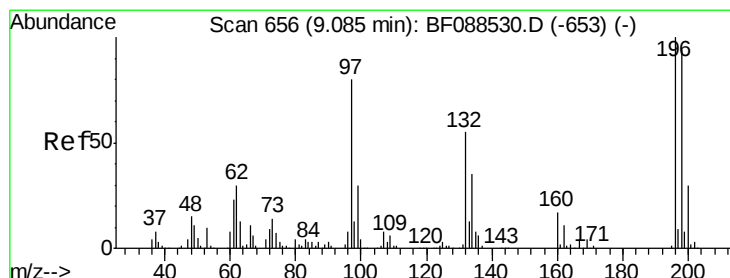
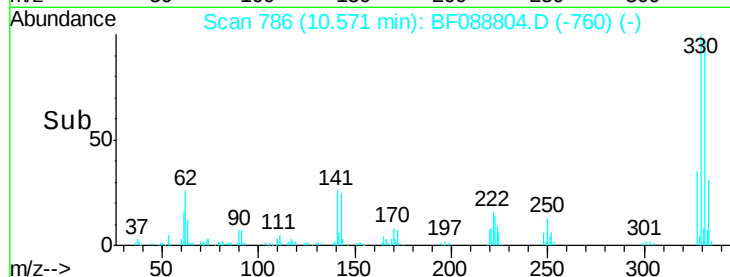
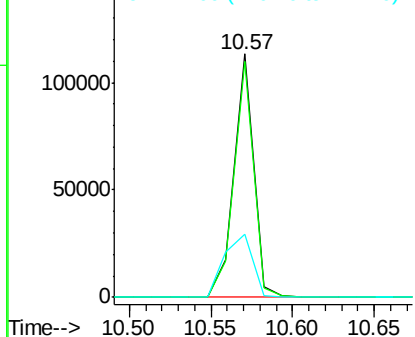
#41
 2,4,6-Tribromophenol
 Concen: 83.45 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 93647
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 37.4 0.0 0.0#

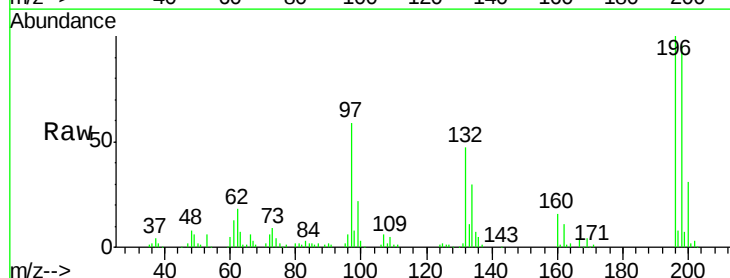


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

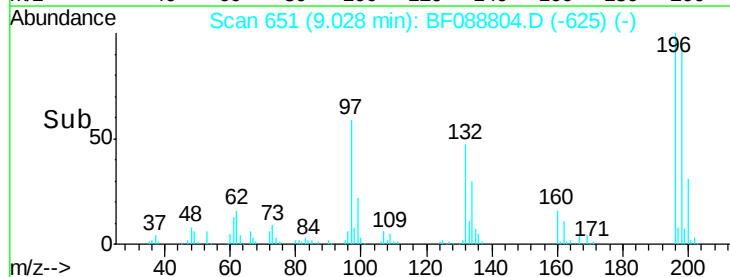
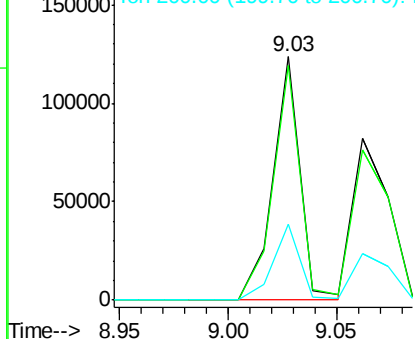


#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:196 Resp: 108762
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.0 117.0
 200 30.9 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

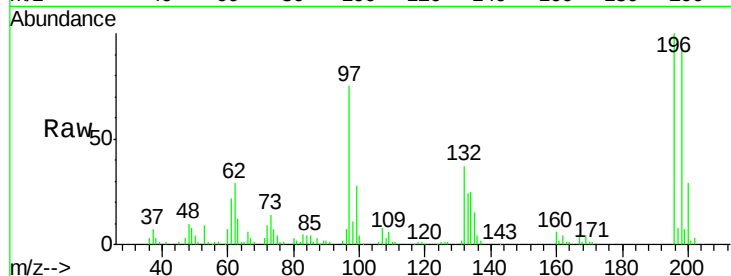




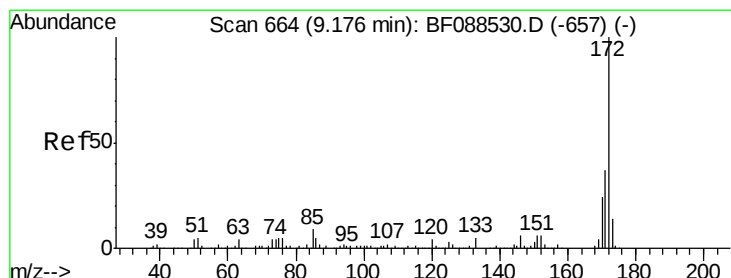
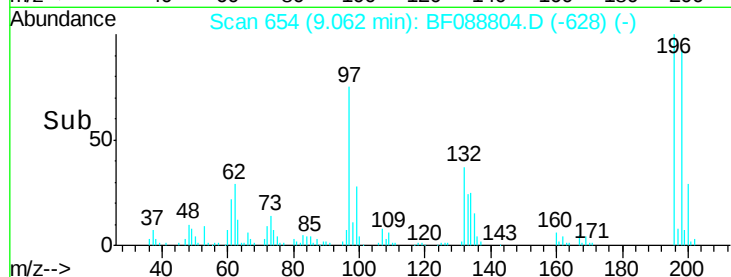
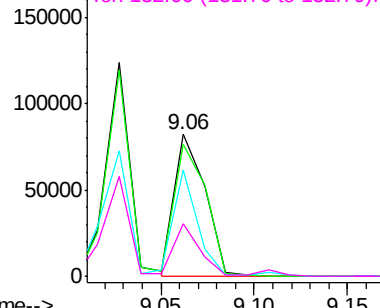
#43
 2,4,5-Trichlorophenol
 Concen: 41.24 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 94034
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.5 116.3
 97 75.4 32.0 48.0#
 132 36.8 20.9 31.3#

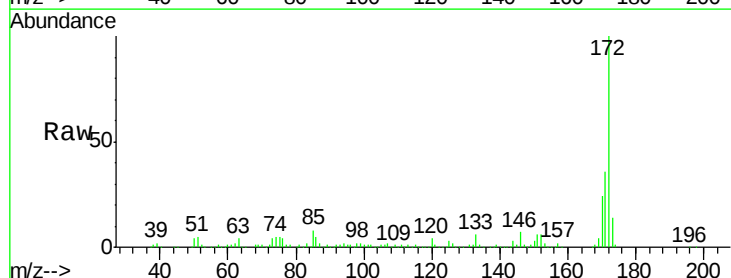


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

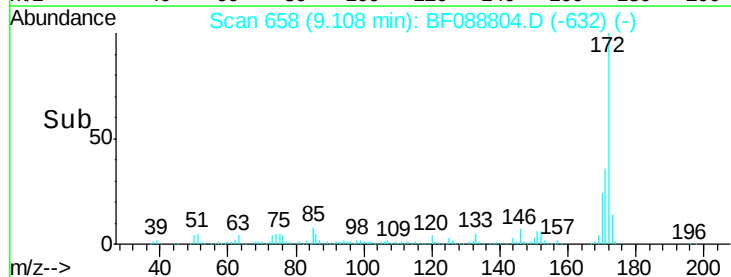
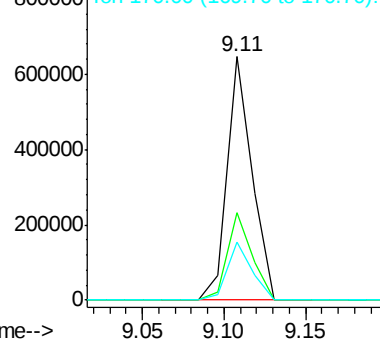


#44
 2-Fluorobiphenyl
 Concen: 89.23 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:172 Resp: 682714
 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

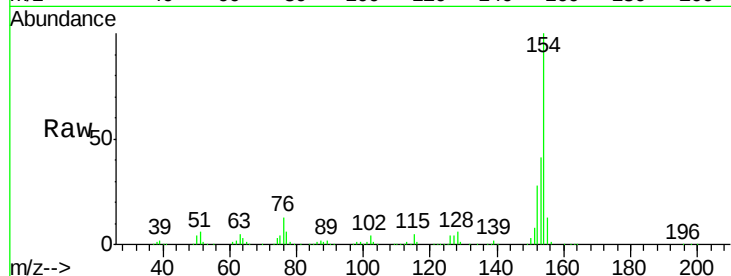




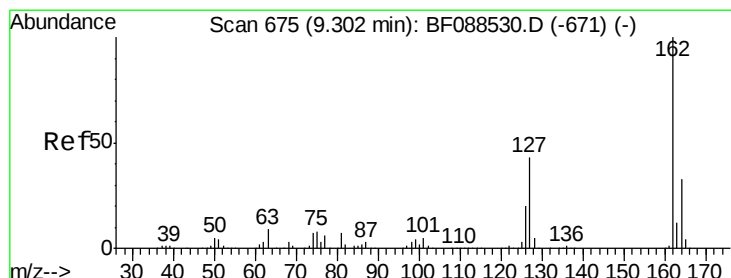
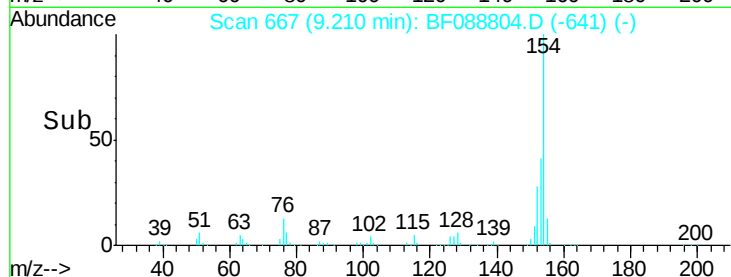
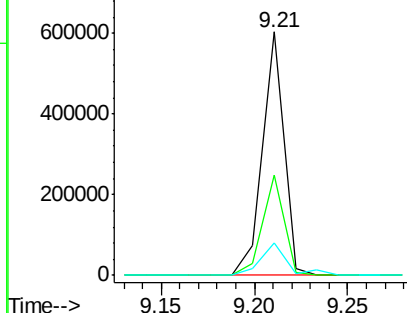
#45
 1,1'-Biphenyl
 Concen: 47.66 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 476993
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 13.2 0.0 35.1

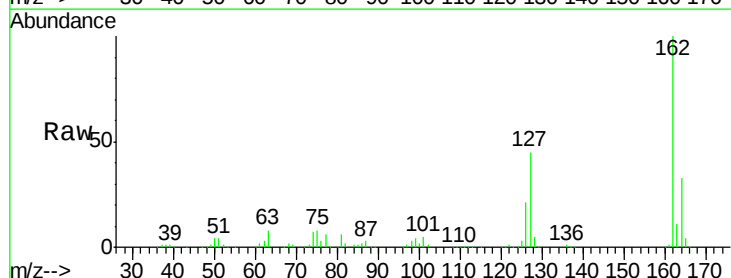


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

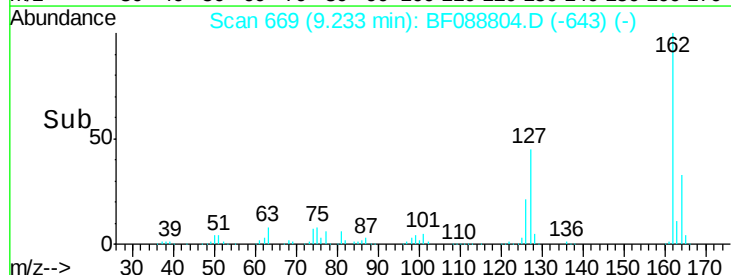
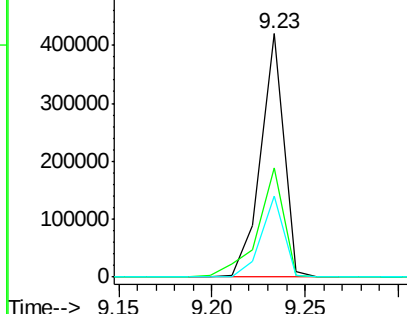


#46
 2-Chloronaphthalene
 Concen: 45.54 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:162 Resp: 357777
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.2 52.8
 164 33.2 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

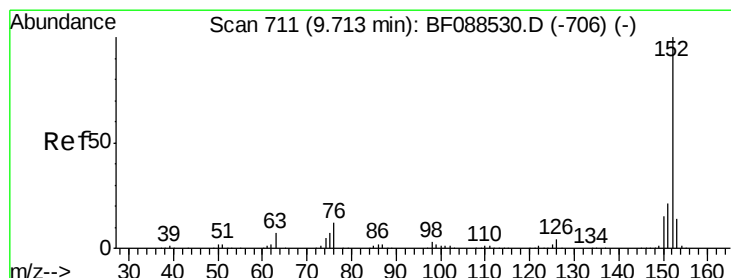
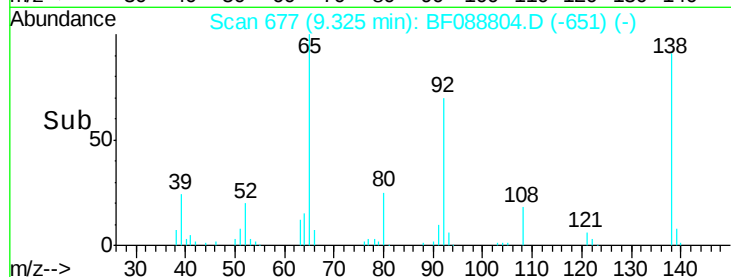
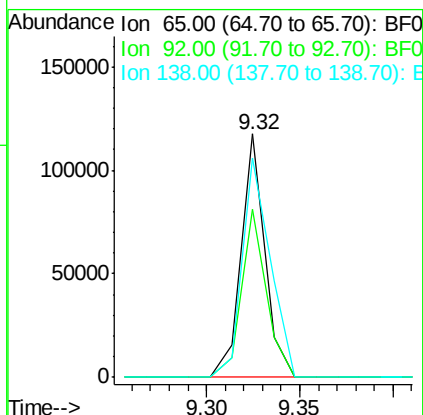
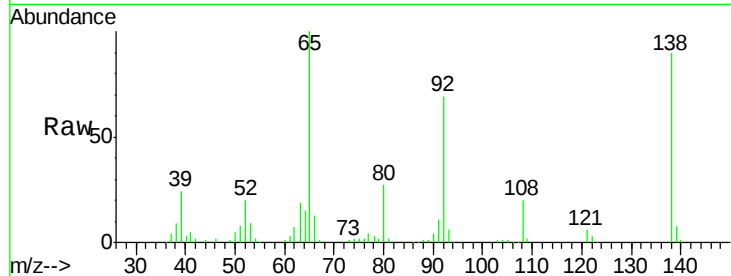




#47
 2-Nitroaniline
 Concen: 37.59 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

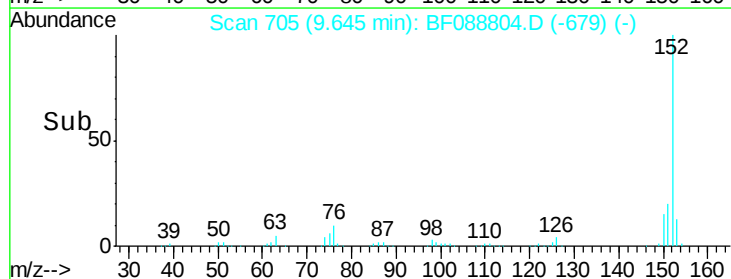
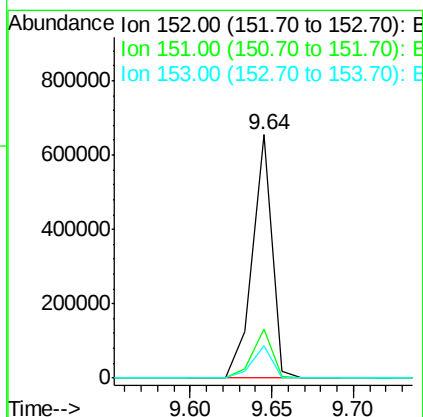
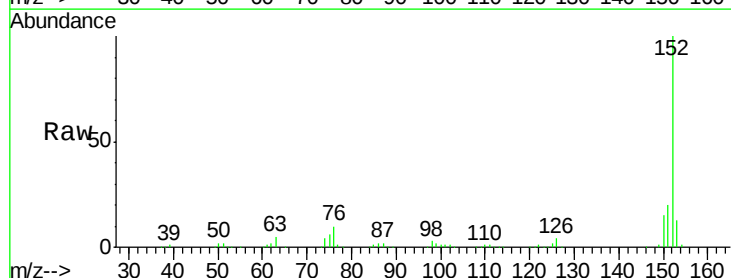
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

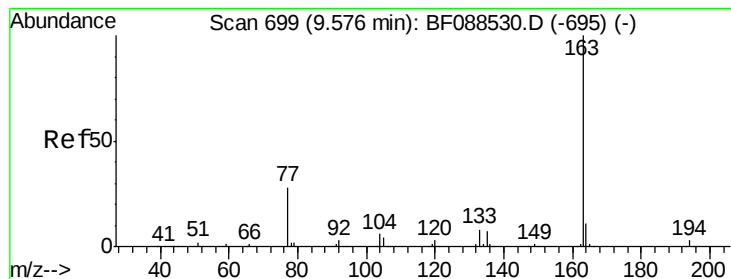
Tgt Ion: 65 Resp: 104816
 Ion Ratio Lower Upper
 65 100
 92 69.2 54.6 82.0
 138 90.2 77.0 115.4



#48
 Acenaphthylene
 Concen: 44.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion: 152 Resp: 550027
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 46.31 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

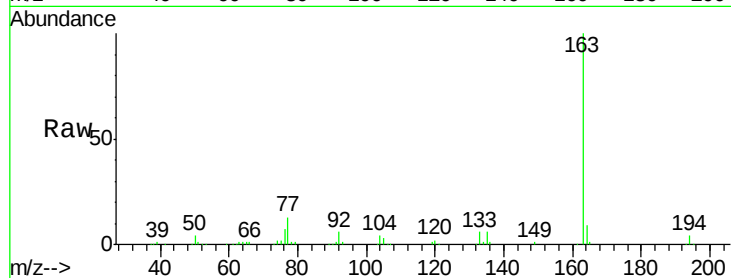
Tgt Ion:163 Resp: 398696

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

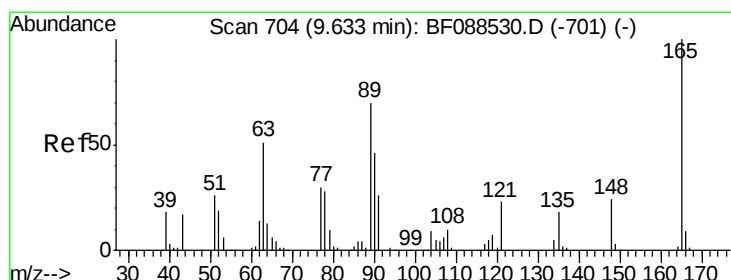
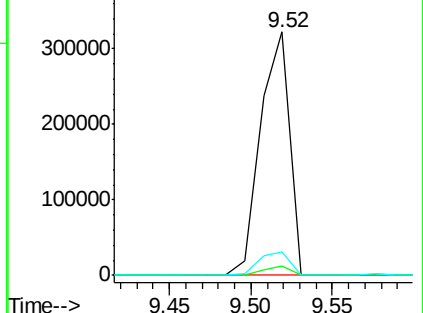
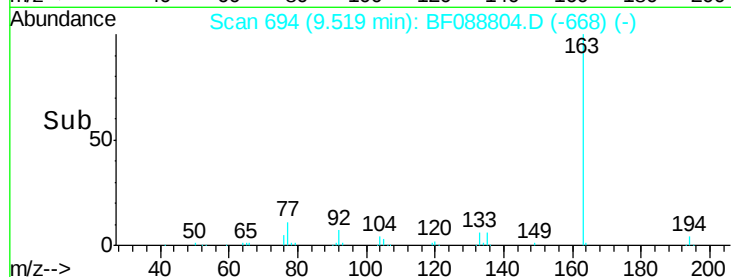
164 9.4 8.3 12.5



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: 43.83 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

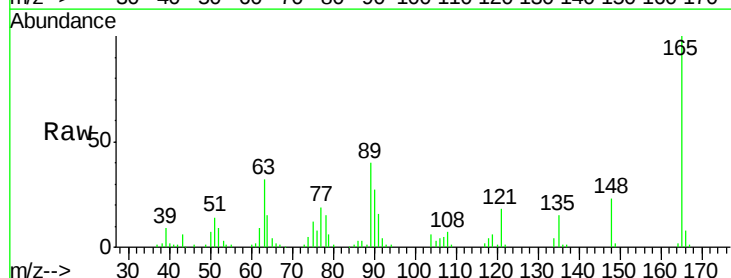
Tgt Ion:165 Resp: 83635

Ion Ratio Lower Upper

165 100

63 32.3 28.1 42.1

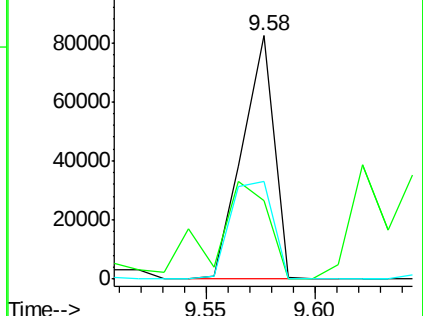
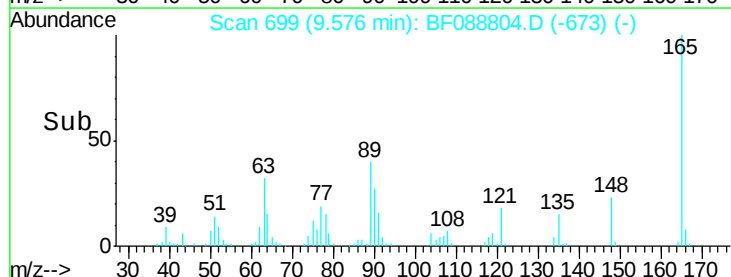
89 40.4 32.2 48.2

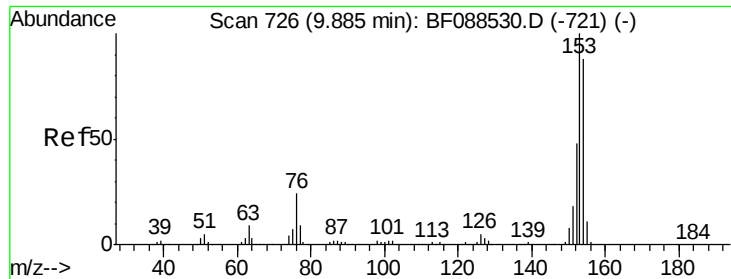


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.27 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

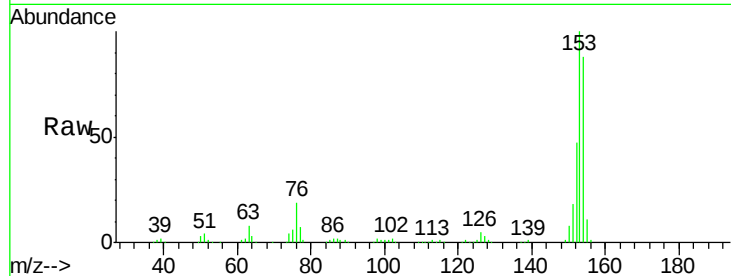
Tgt Ion:154 Resp: 300905

Ion Ratio Lower Upper

154 100

153 113.9 89.5 134.3

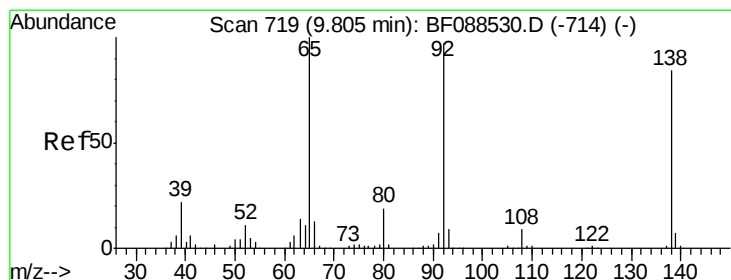
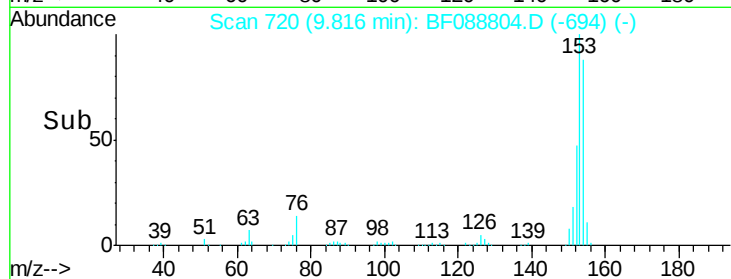
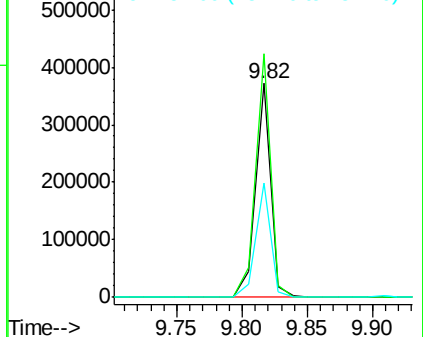
152 53.7 42.7 64.1



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: 35.78 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

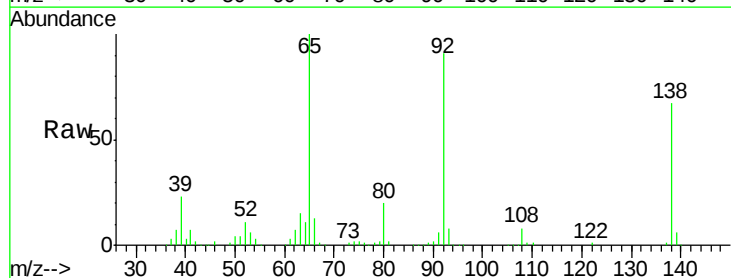
Tgt Ion:138 Resp: 86795

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

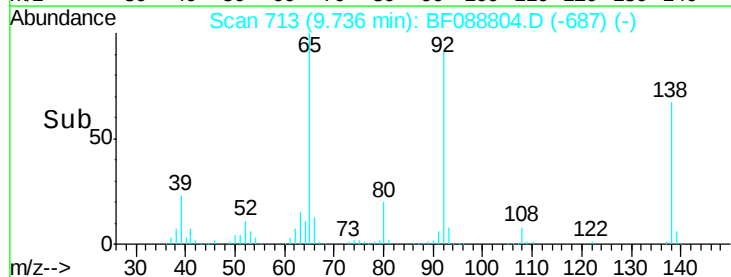
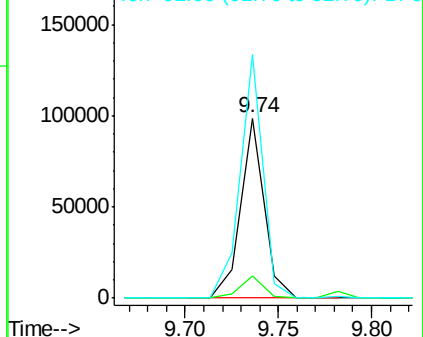
92 135.3 95.7 143.5



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

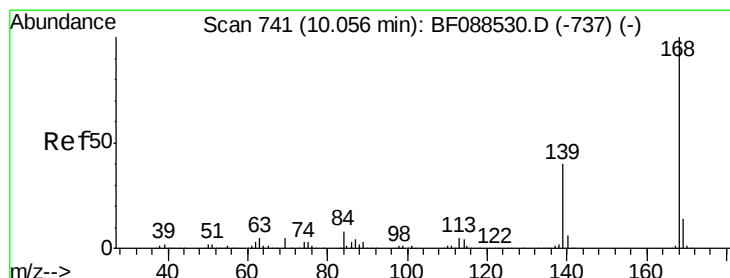
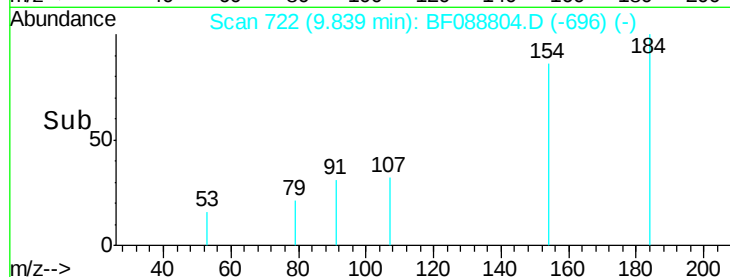
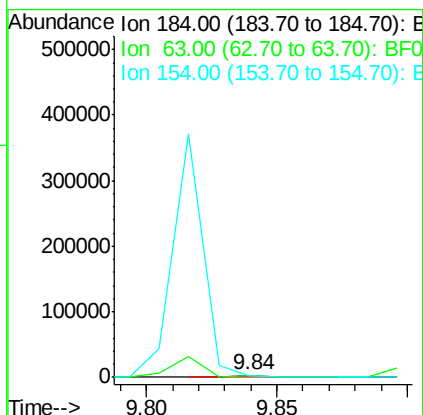
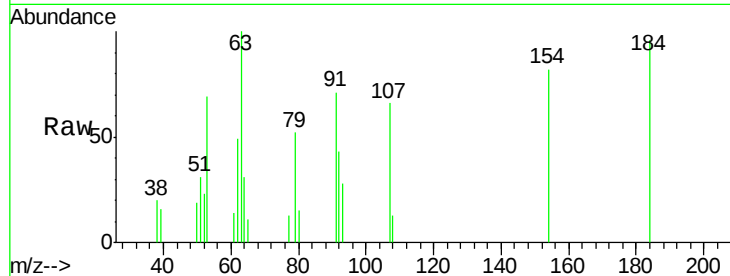




#53
2,4-Dinitrophenol
Concen: 3.24 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

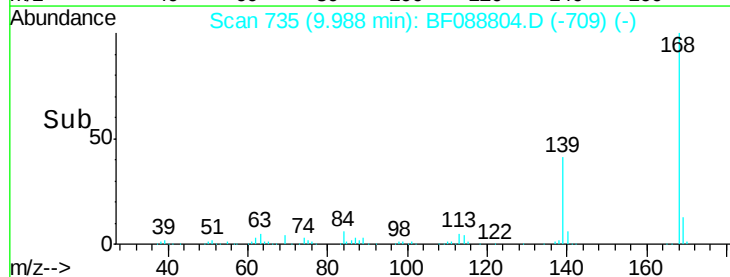
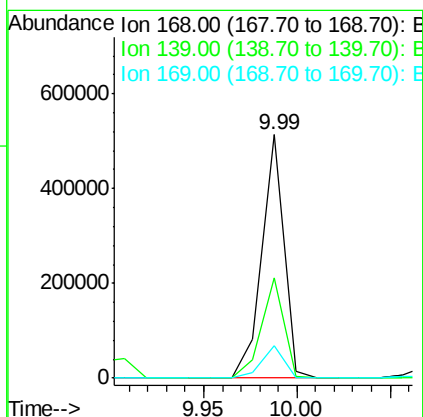
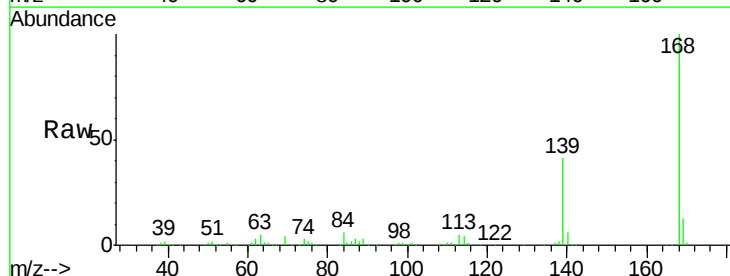
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

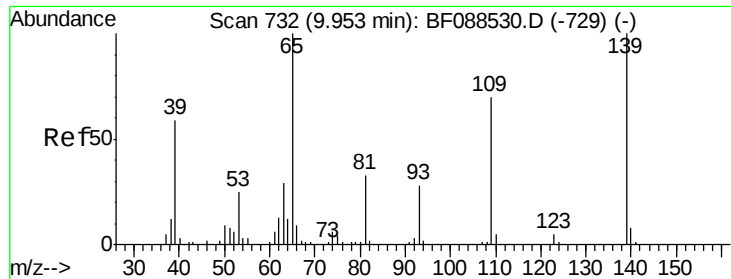
Tgt Ion:184 Resp: 2729
Ion Ratio Lower Upper
184 100
63 104.2 57.6 86.4#
154 85.8 53.5 80.3#



#54
Dibenzofuran
Concen: 41.92 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:168 Resp: 420402
Ion Ratio Lower Upper
168 100
139 41.1 26.4 39.6#
169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 31.27 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

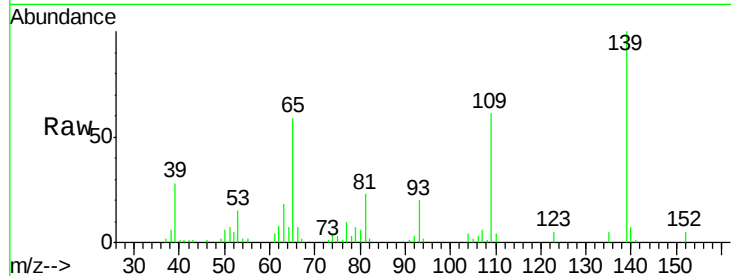
Tgt Ion:139 Resp: 57648

Ion Ratio Lower Upper

139 100

109 60.9 48.9 88.9

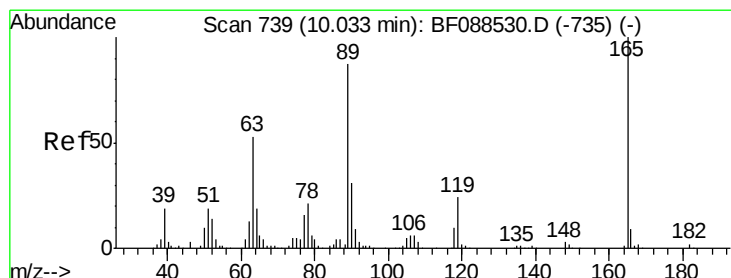
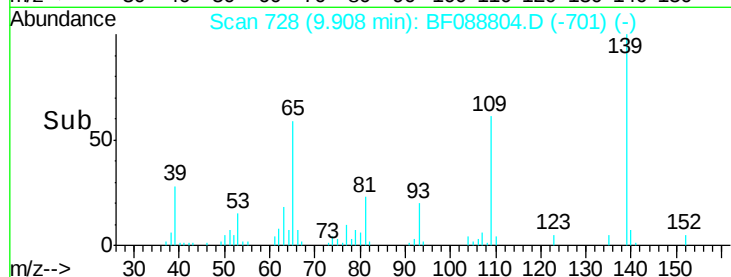
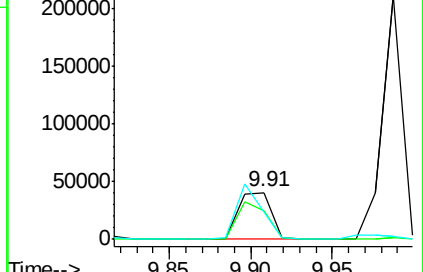
65 59.0 84.9 124.9#



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: 40.92 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:165 Resp: 102090

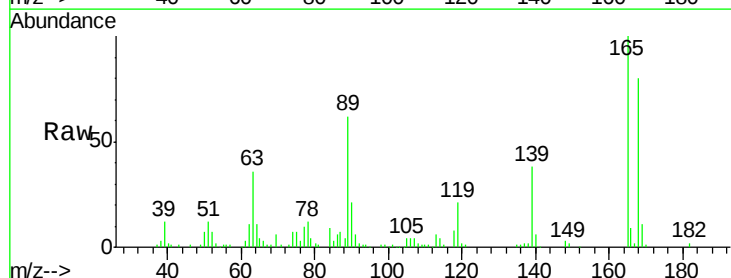
Ion Ratio Lower Upper

165 100

63 35.5 22.0 33.0#

89 61.7 41.1 61.7#

182 2.5 2.0 3.0

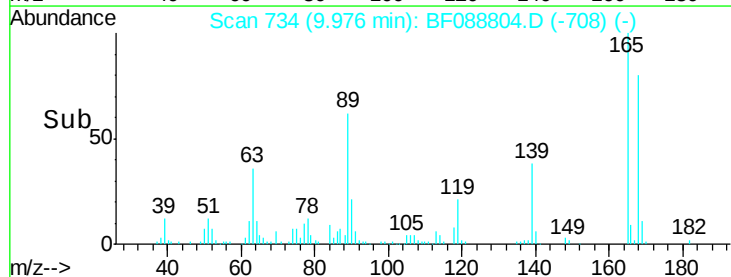
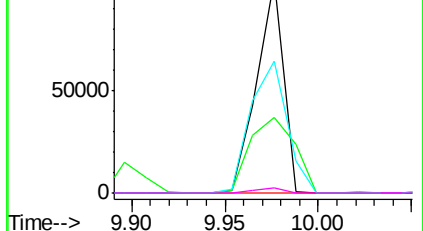


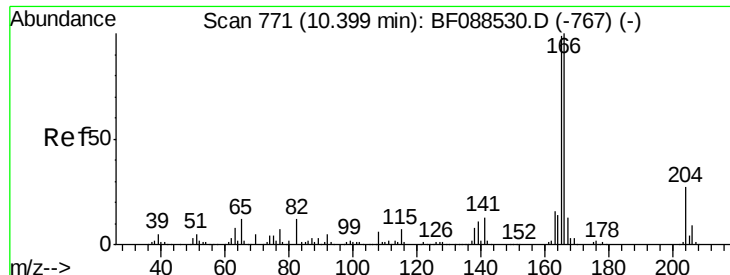
Abundance Ion 165.00 (164.70 to 165.70): E

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

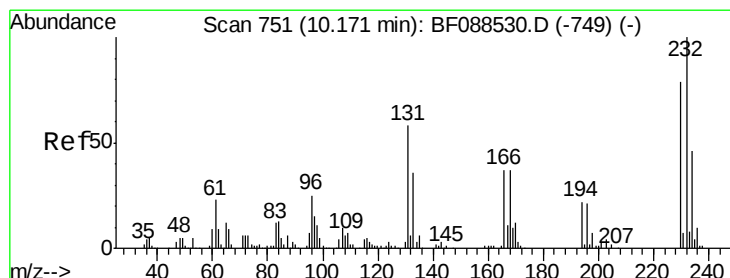
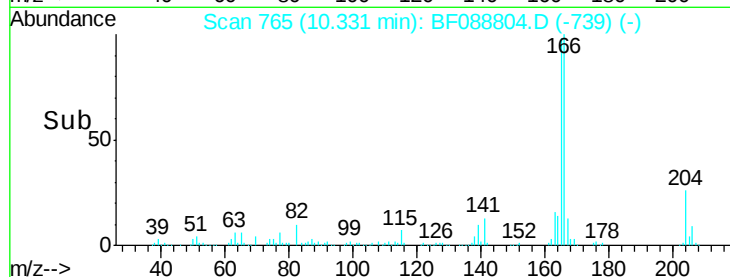
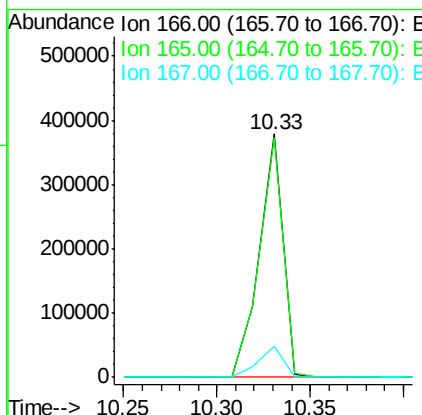
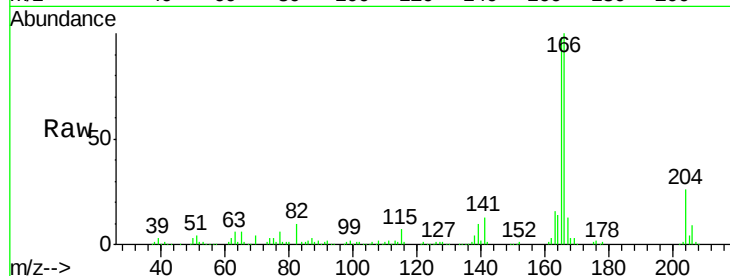




#57
 Fluorene
 Concen: 44.00 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

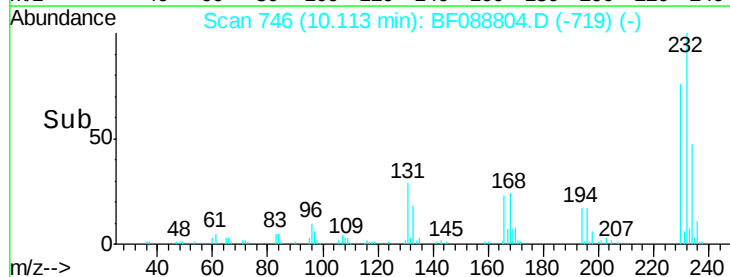
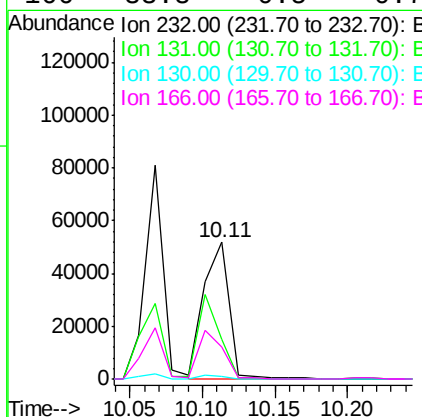
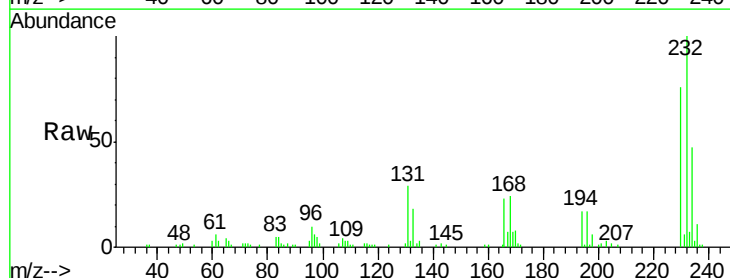
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

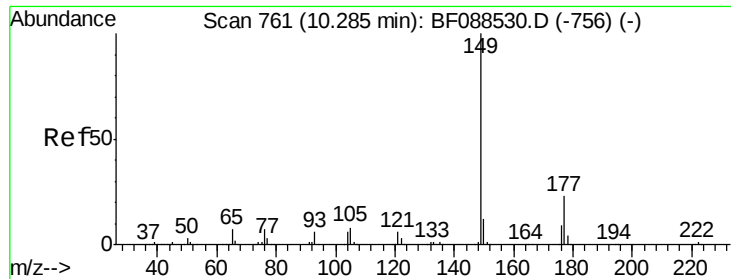
Tgt Ion:166 Resp: 340044
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.8 116.8
 167 12.9 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.80 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:232 Resp: 63155
 Ion Ratio Lower Upper
 232 100
 131 53.4 0.9 1.3#
 130 2.6 1.5 2.3#
 166 33.8 0.5 0.7#

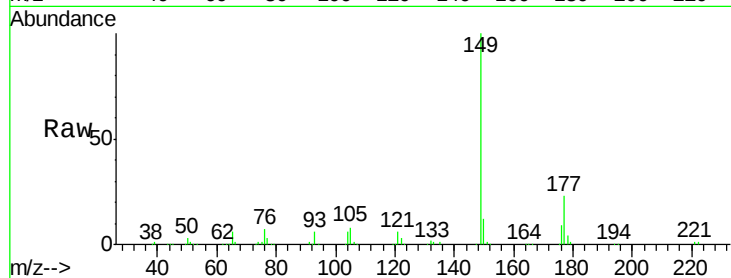




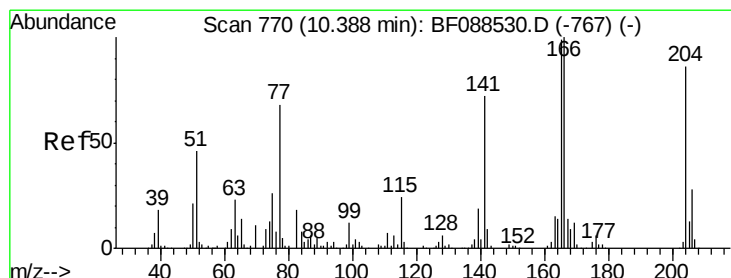
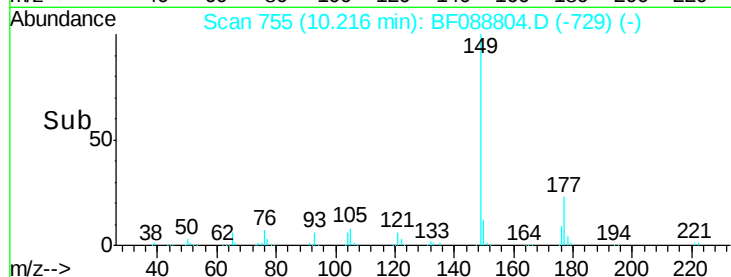
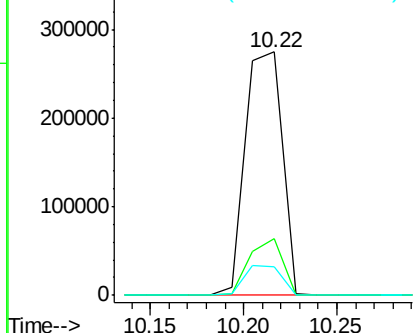
#59
Diethylphthalate
Concen: 43.69 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 377508
Ion Ratio Lower Upper
149 100
177 23.2 16.9 25.3
150 11.7 10.1 15.1

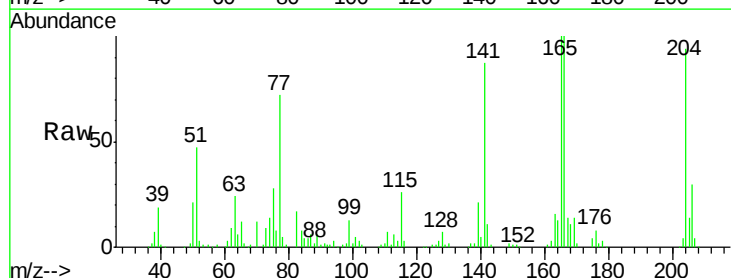


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

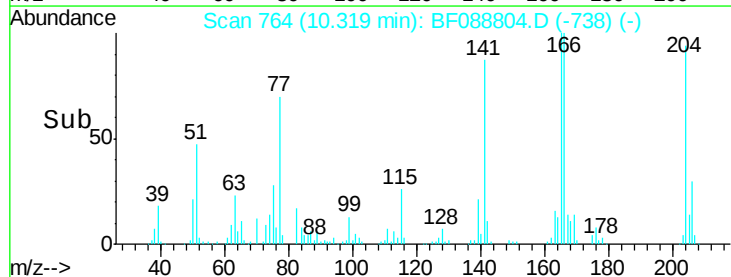
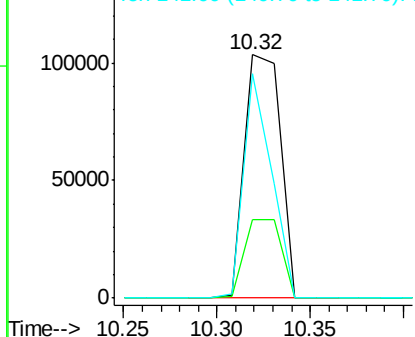


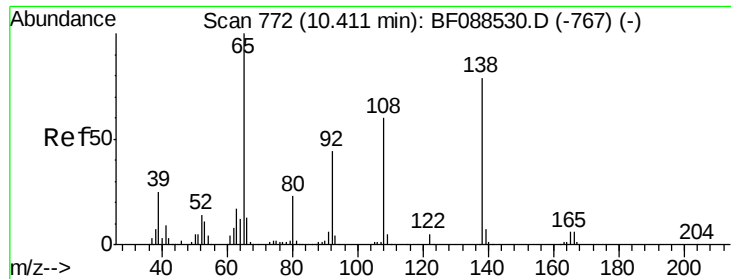
#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:204 Resp: 140607
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 92.1 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

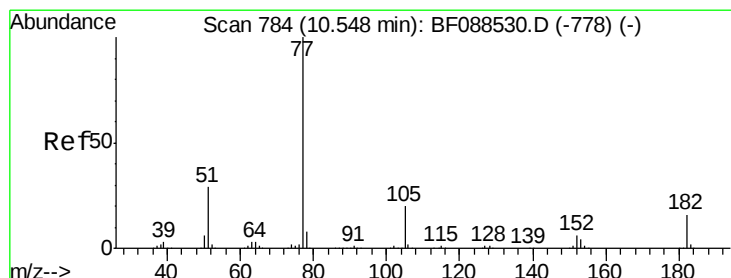
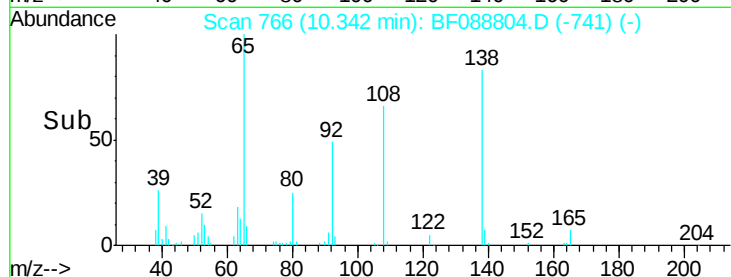
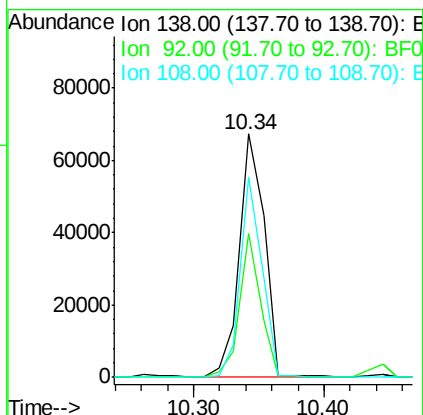
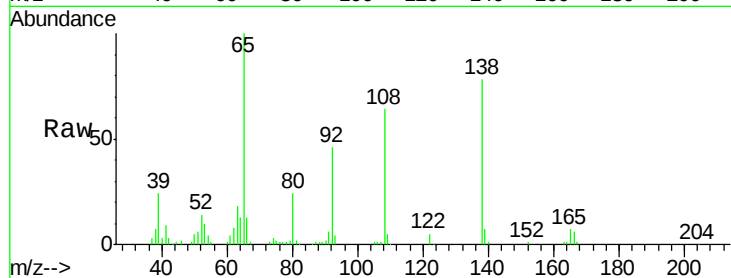




#61
4-Nitroaniline
Concen: 38.50 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

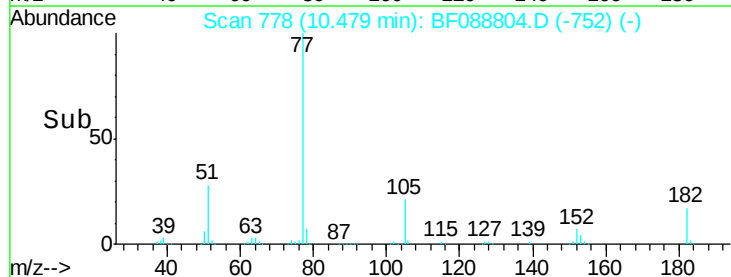
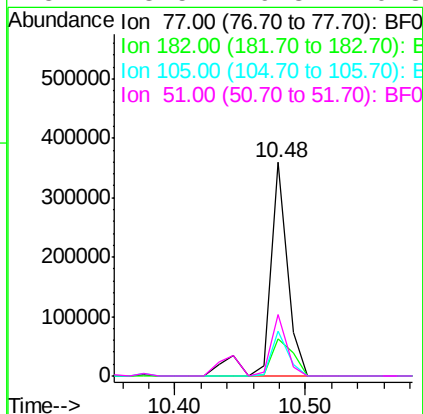
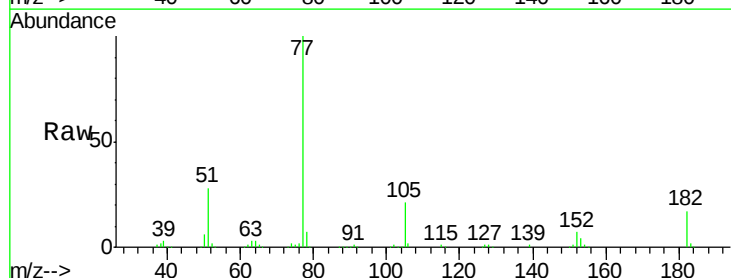
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

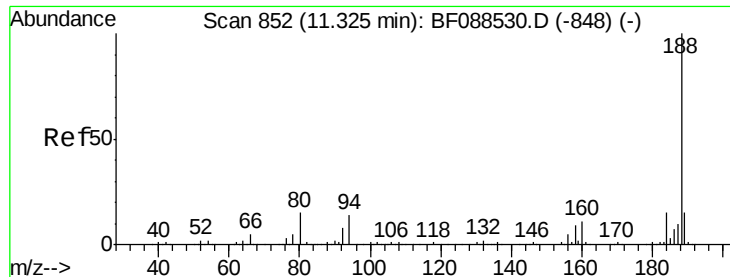
Tgt Ion: 138 Resp: 89879
Ion Ratio Lower Upper
138 100
92 58.8 27.3 67.3
108 82.1 46.7 86.7



#62
Azobenzene
Concen: 35.10 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion: 77 Resp: 345994
Ion Ratio Lower Upper
77 100
182 17.1 4.4 44.4
105 20.8 3.8 43.8
51 28.5 9.3 49.3

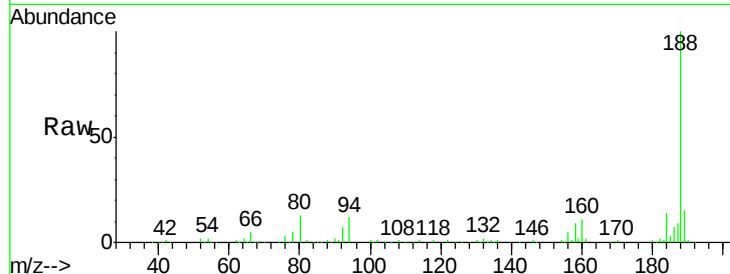




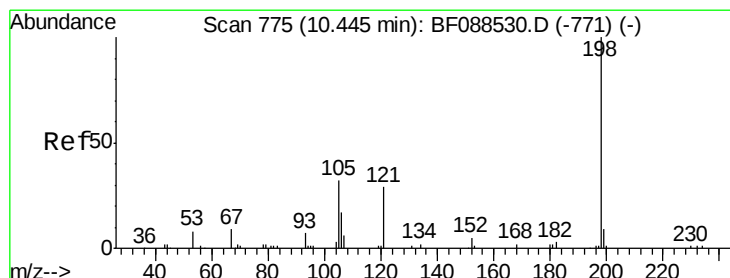
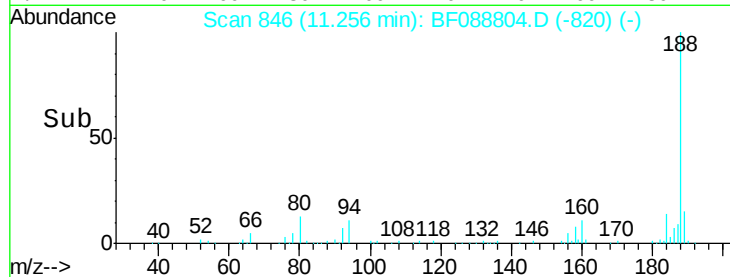
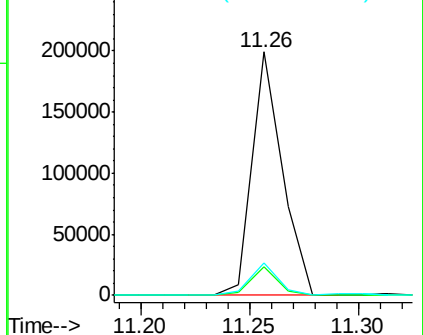
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 193554
Ion Ratio Lower Upper
188 100
94 11.8 9.0 13.6
80 13.5 10.0 15.0

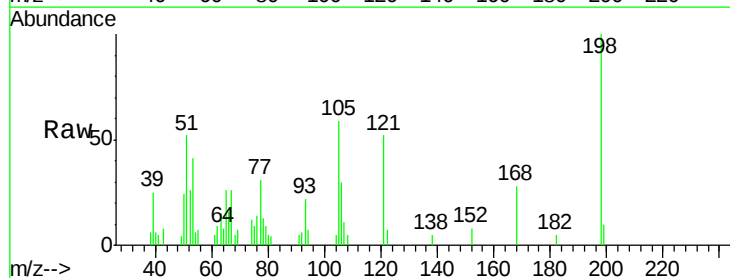


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

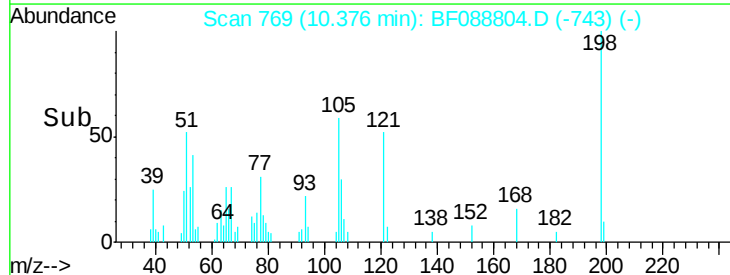
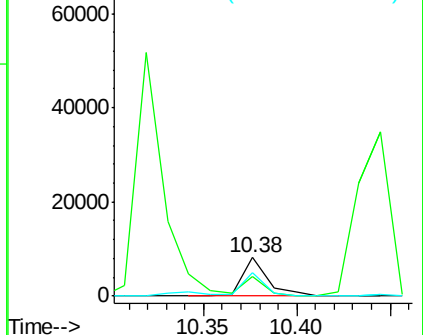


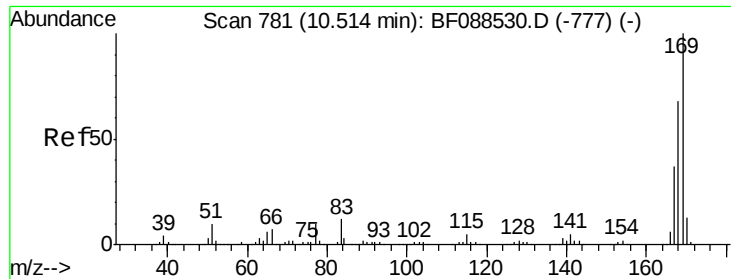
#64
4,6-Dinitro-2-methylphenol
Concen: 7.33 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:198 Resp: 7590
Ion Ratio Lower Upper
198 100
51 51.9 39.6 79.6
105 59.4 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

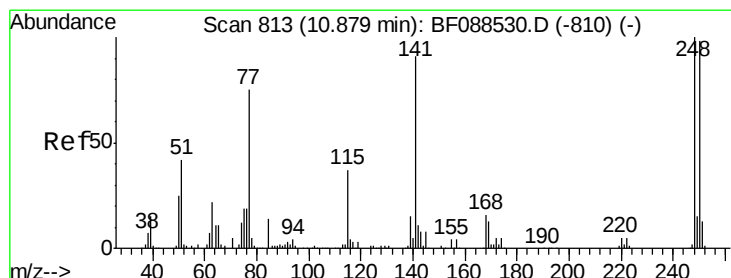
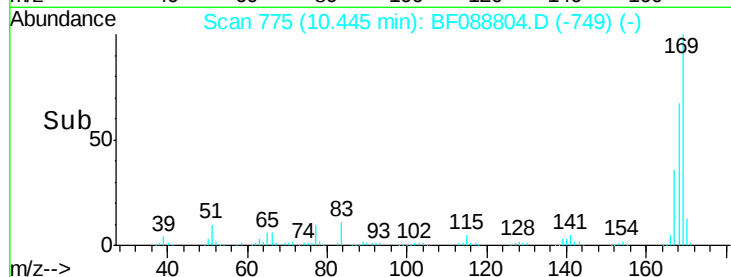
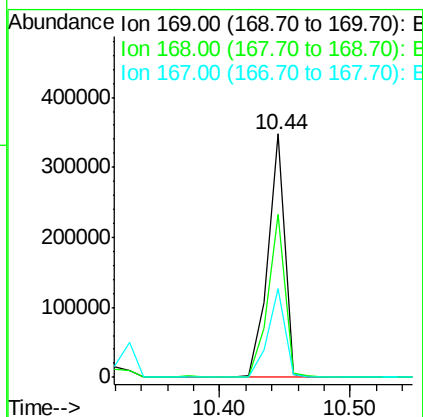
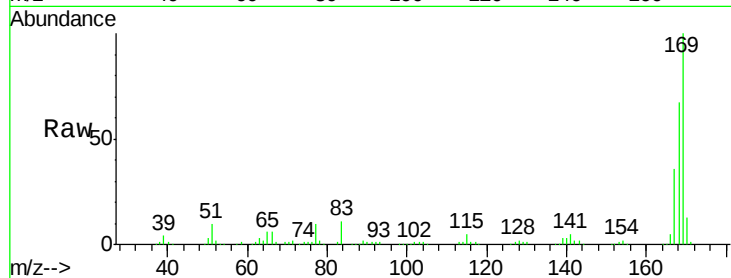




#65
 n-Nitrosodiphenylamine
 Concen: 48.34 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

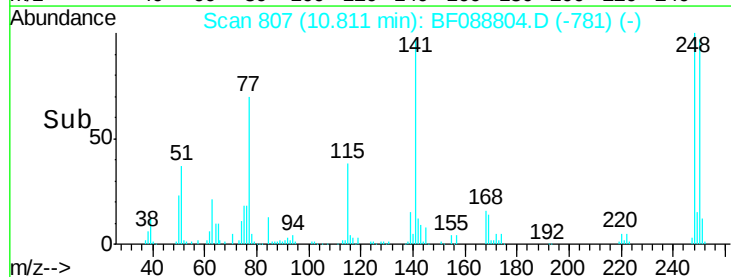
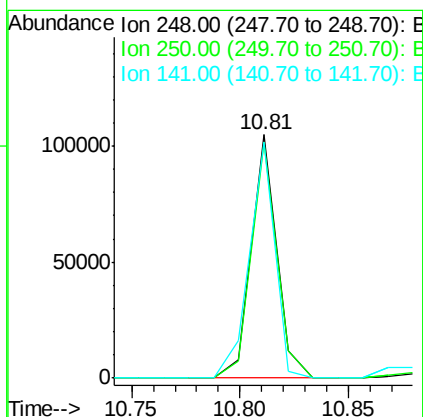
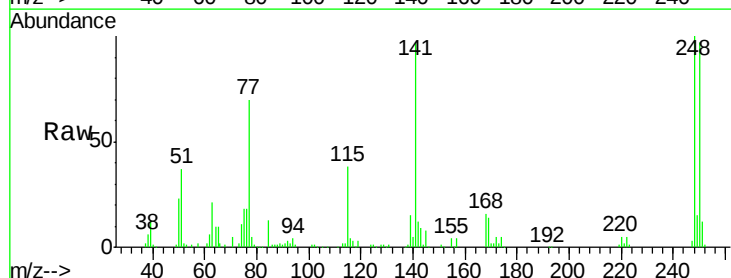
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 316665
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 36.2 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.87 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:248 Resp: 85565
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.1 115.7
 141 96.8 50.6 76.0#

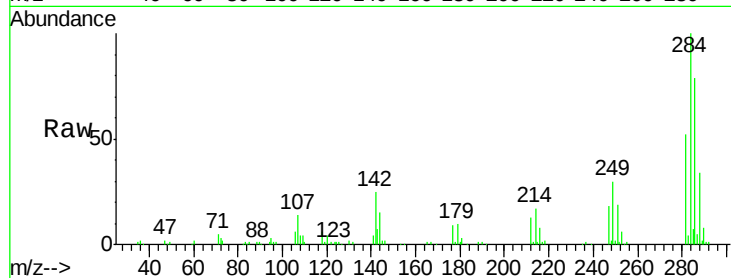




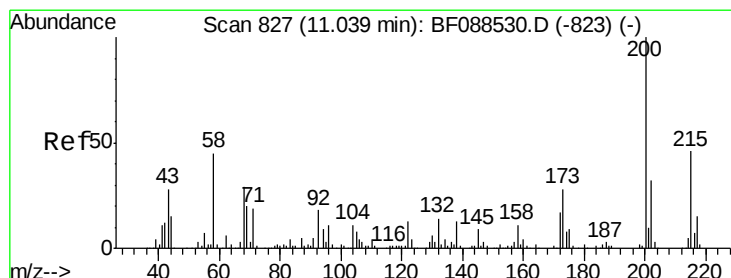
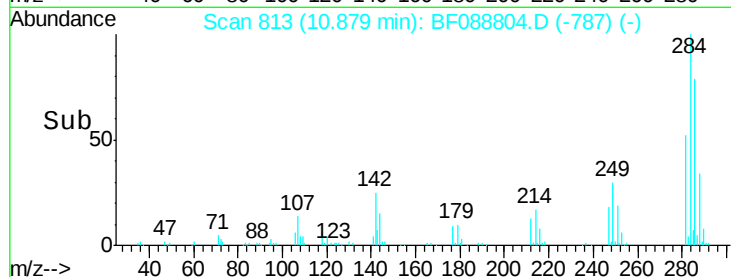
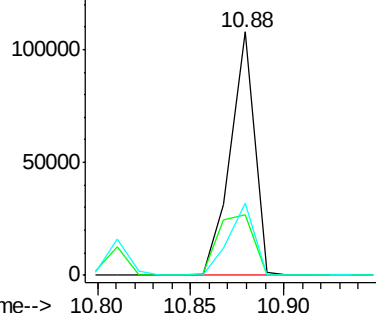
#67
Hexachlorobenzene
Concen: 44.72 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 96552
Ion Ratio Lower Upper
284 100
142 24.9 35.8 53.8#
249 29.6 25.8 38.6

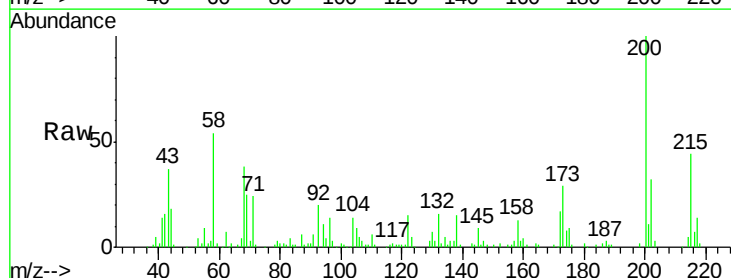


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

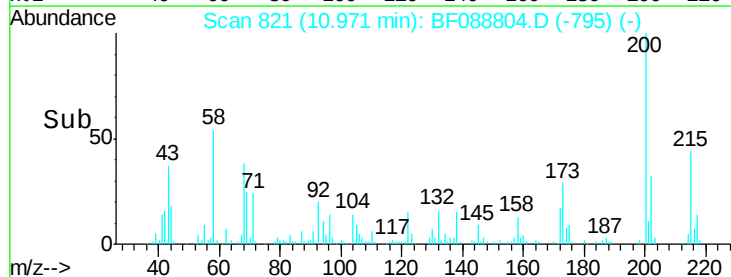
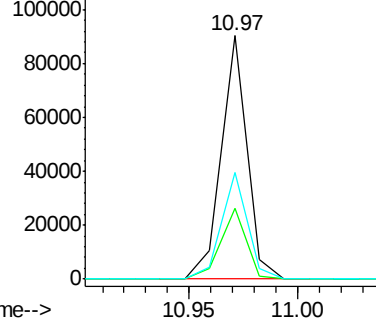


#68
Atrazine
Concen: 36.28 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:200 Resp: 74053
Ion Ratio Lower Upper
200 100
173 28.9 4.0 44.0
215 43.6 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

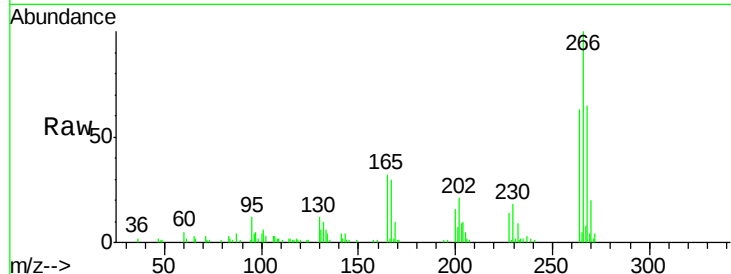




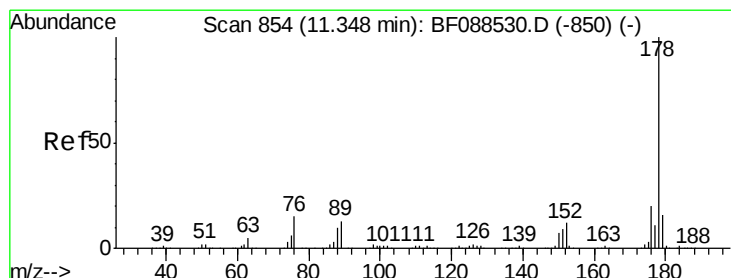
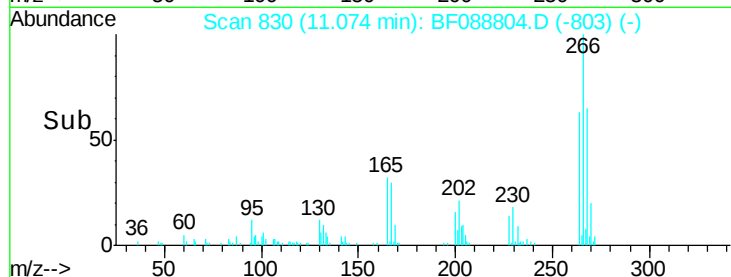
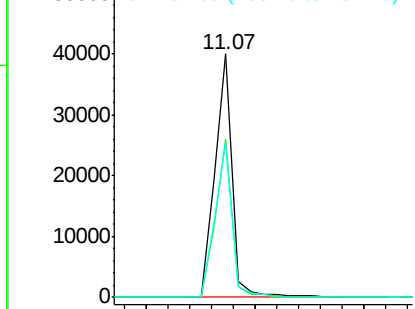
#69
 Pentachlorophenol
 Concen: 34.83 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 44509
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.8 79.2
 264 63.2 49.6 74.4

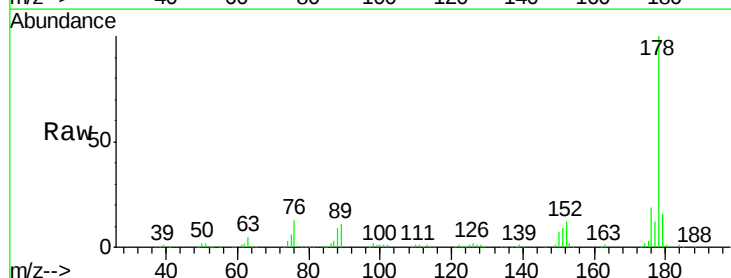


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

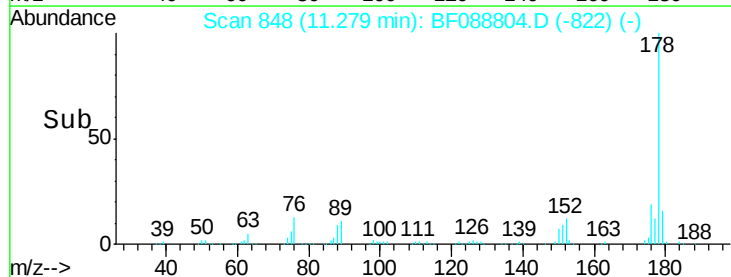
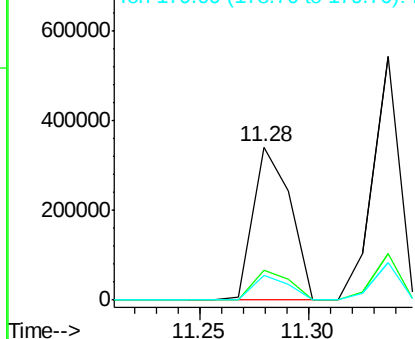


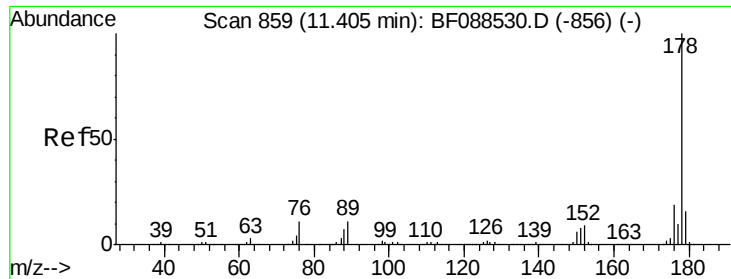
#70
 Phenanthrene
 Concen: 38.54 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion: 178 Resp: 407823
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.8 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

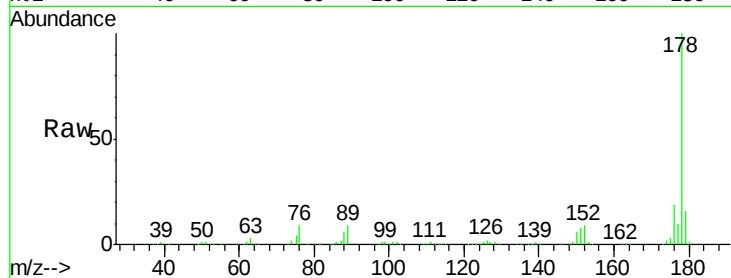




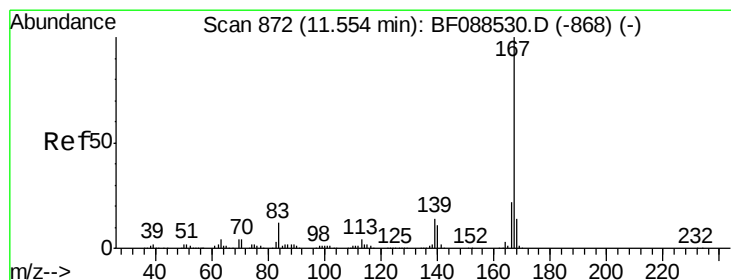
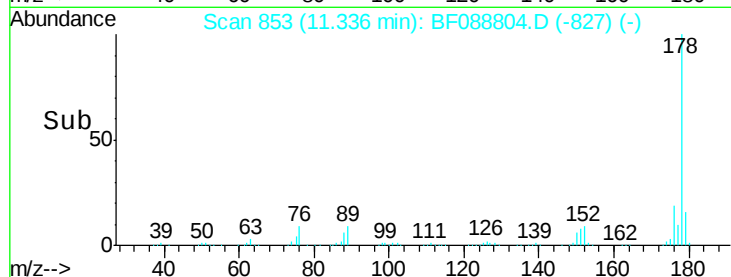
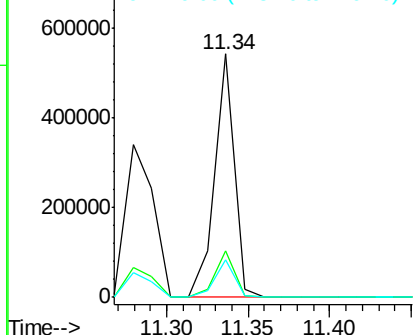
#71
 Anthracene
 Concen: 43.58 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 458502
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.6 12.8 19.2

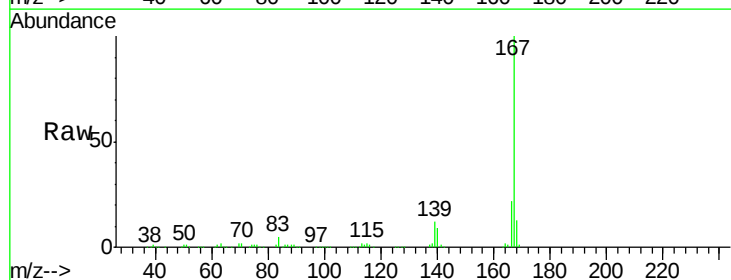


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

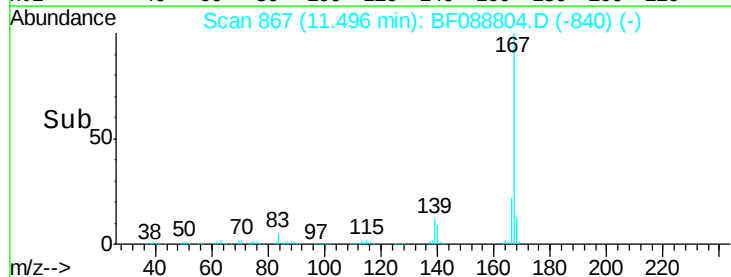
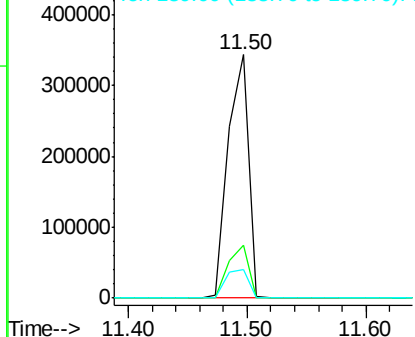


#72
 Carbazole
 Concen: 41.22 ng
 RT: 11.50 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:167 Resp: 408144
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 11.9 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

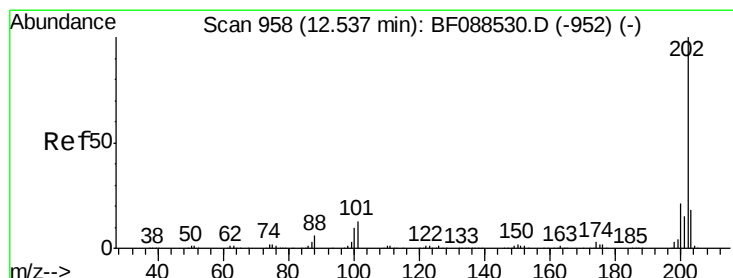
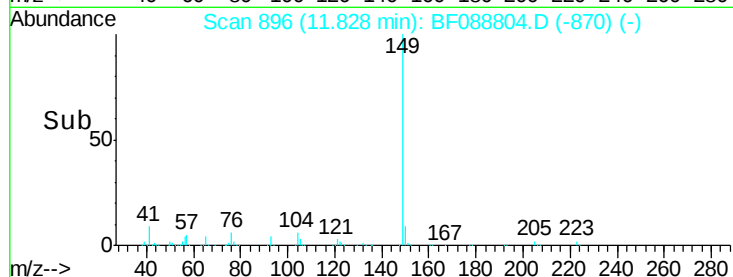
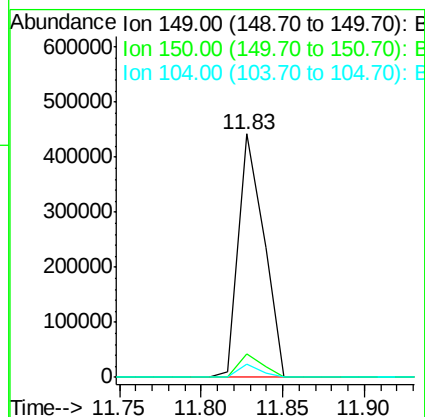
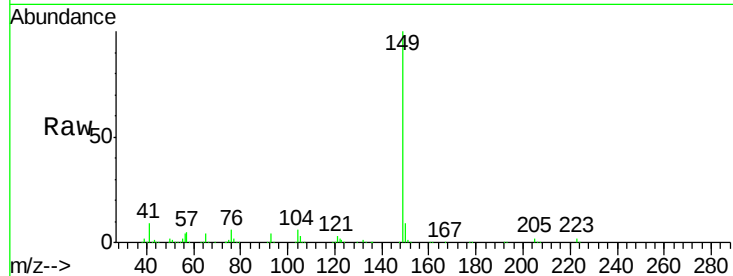




#73
Di-n-butylphthalate
Concen: 41.01 ng
RT: 11.83 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

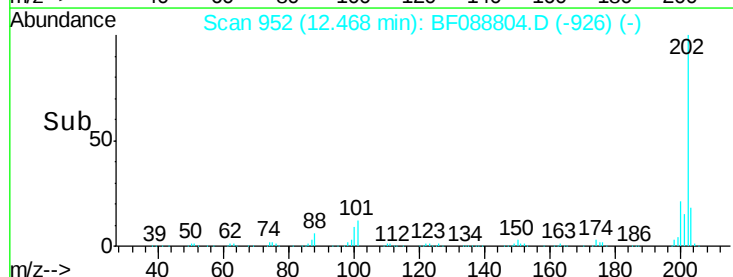
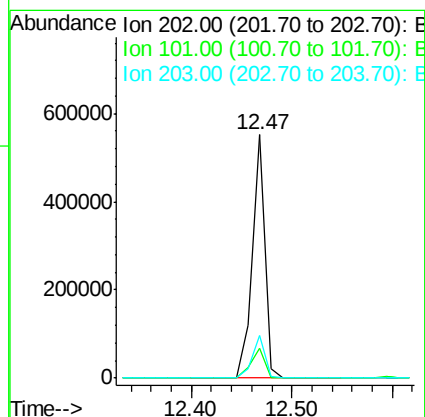
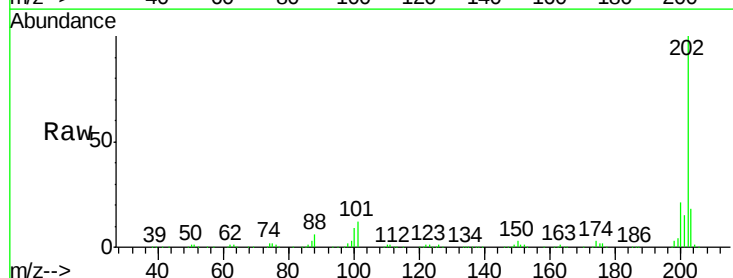
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 472358
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.7 4.0 6.0



#74
Fluoranthene
Concen: 44.55 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:202 Resp: 477812
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

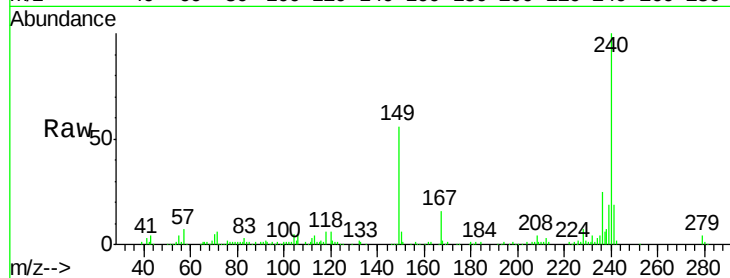
Tgt Ion:240 Resp: 157636

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

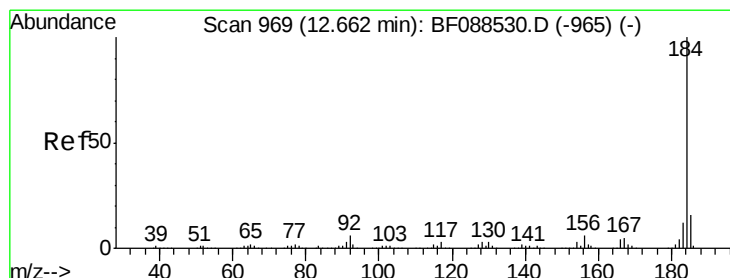
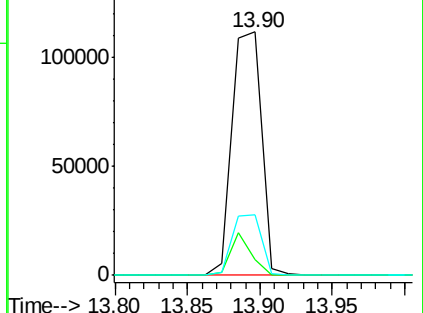
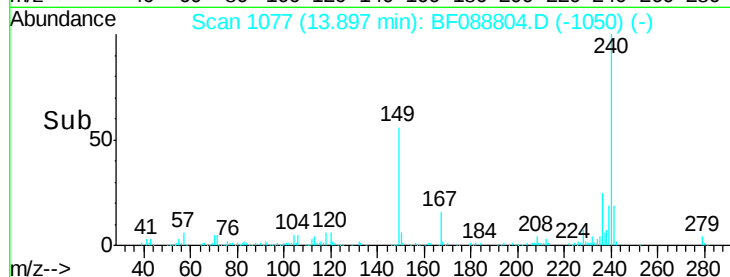
236 25.1 20.2 30.2



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: 38.53 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

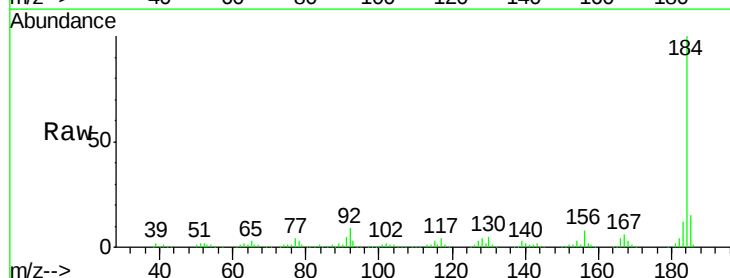
Tgt Ion:184 Resp: 306965

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

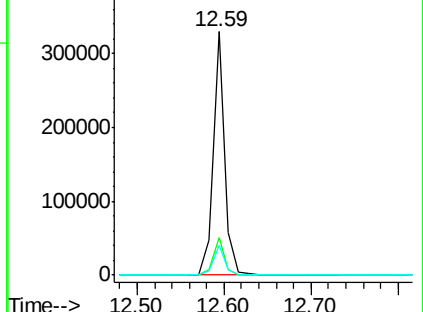
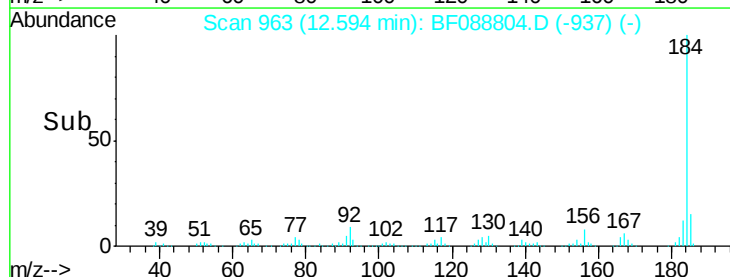
183 12.1 9.3 13.9



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: 38.21 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

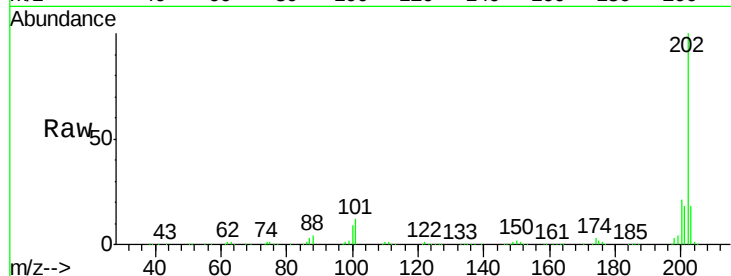
Tgt Ion: 202 Resp: 510650

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

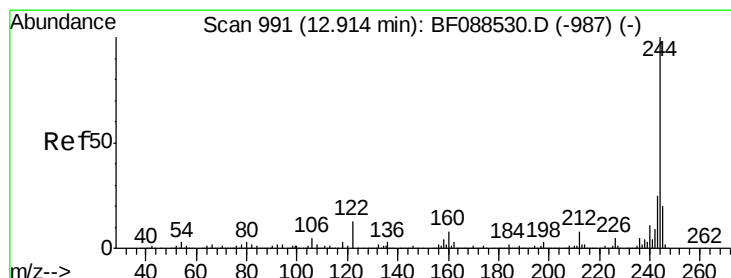
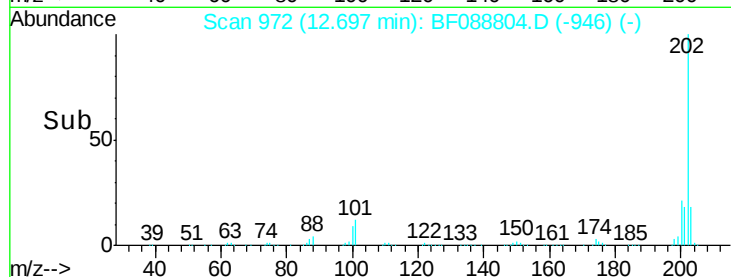
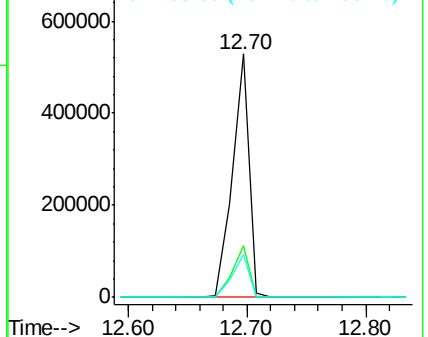
203 17.6 14.5 21.7



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: 78.07 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

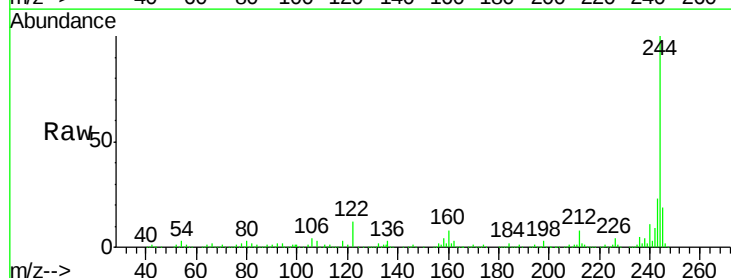
Tgt Ion: 244 Resp: 552507

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

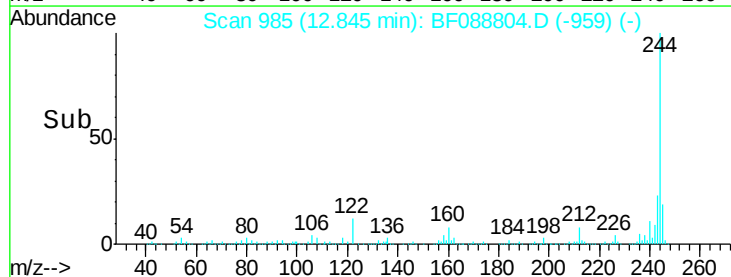
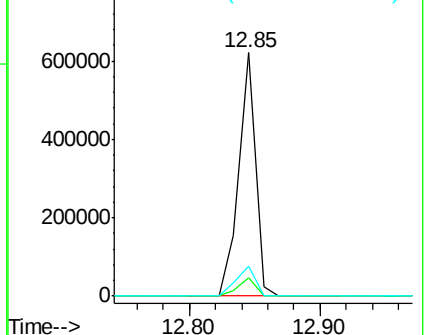
122 12.3 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

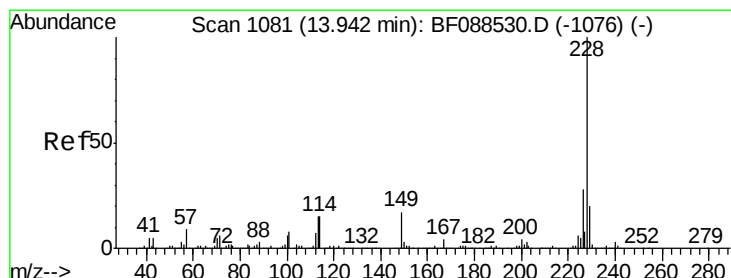
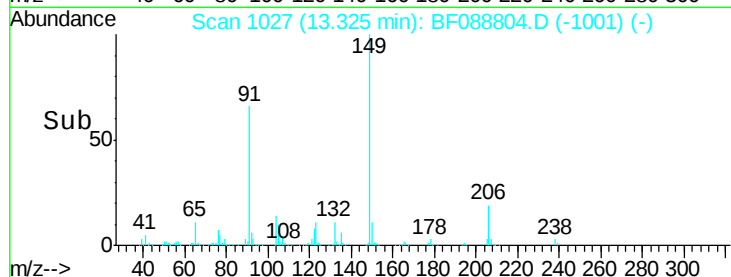
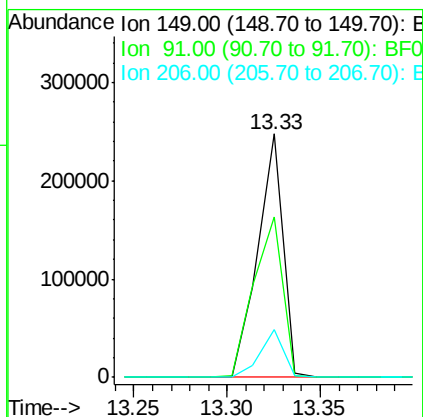
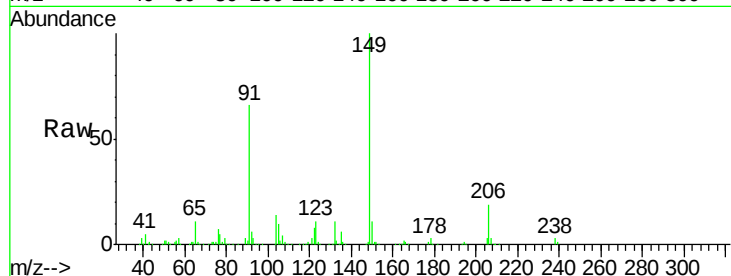




#79
Butylbenzylphthalate
Concen: 39.64 ng
RT: 13.33 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

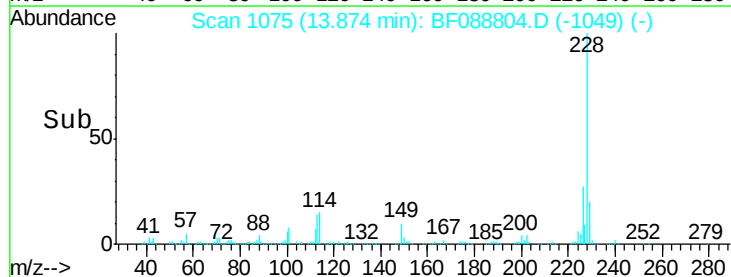
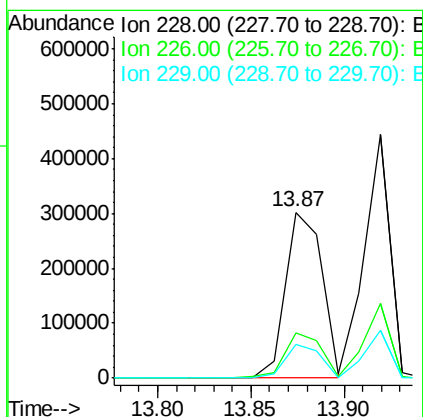
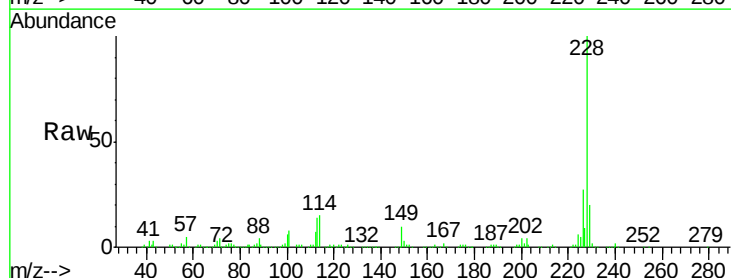
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 236340
Ion Ratio Lower Upper
149 100
91 65.8 48.0 72.0
206 19.5 16.0 24.0



#80
Benzo(a)anthracene
Concen: 40.94 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:228 Resp: 415540
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 20.1 16.0 24.0

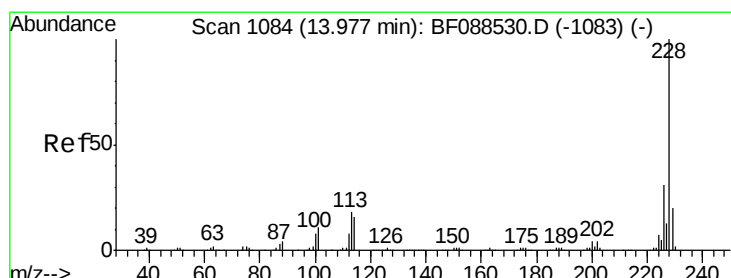
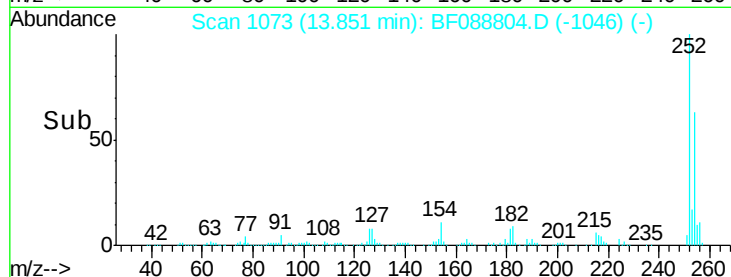
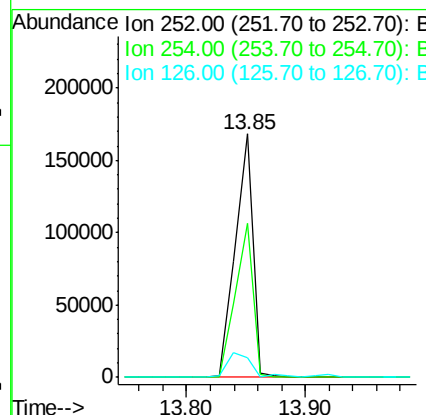
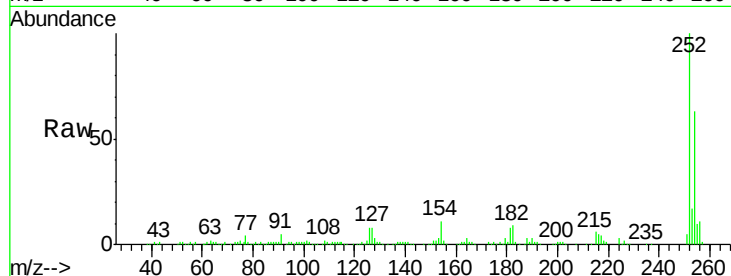




#81
 3,3'-Dichlorobenzidine
 Concen: 45.76 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

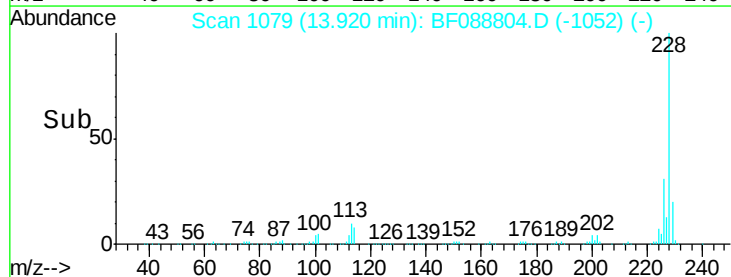
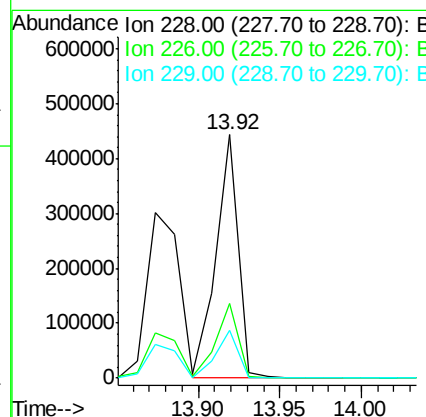
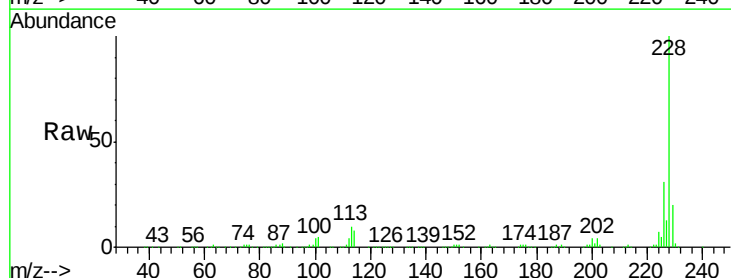
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion: 252 Resp: 174631
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.6 78.8
 126 7.9 6.2 9.2



#82
 Chrysene
 Concen: 41.72 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion: 228 Resp: 419009
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 19.6 16.3 24.5

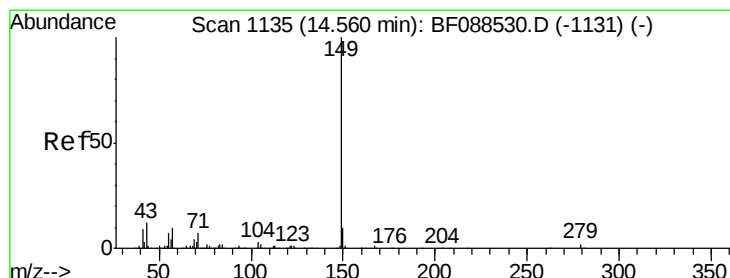
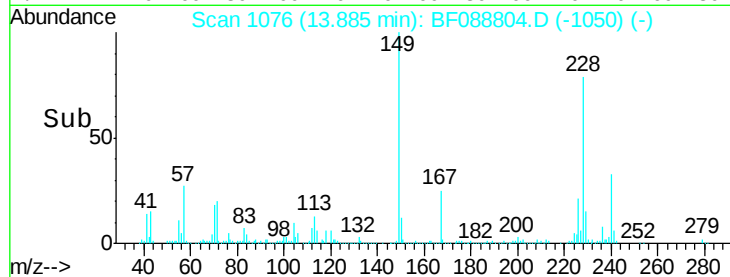
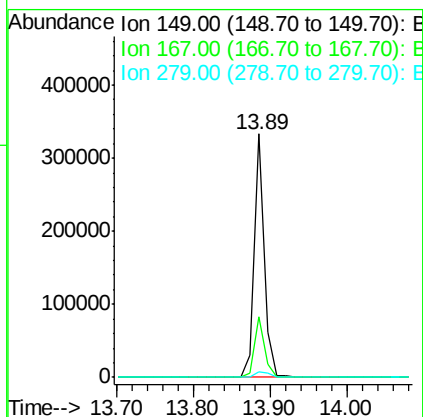
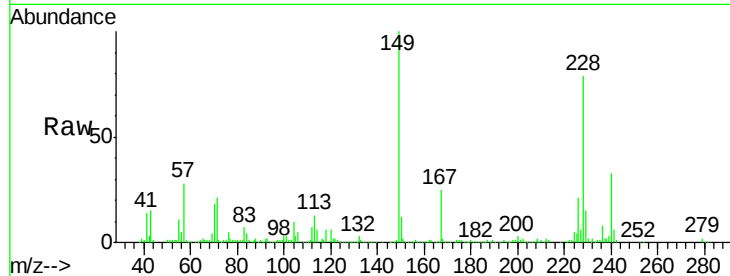




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.83 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

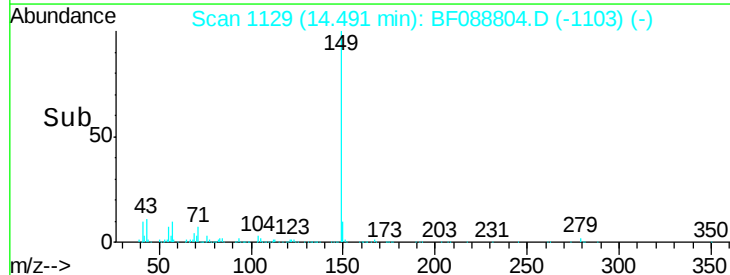
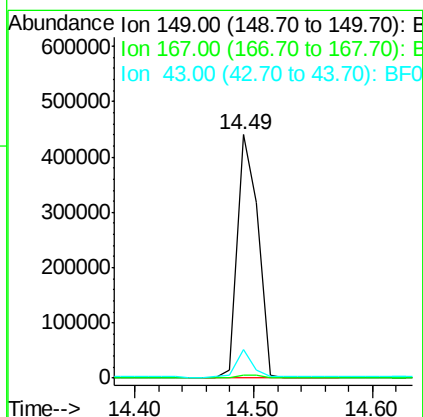
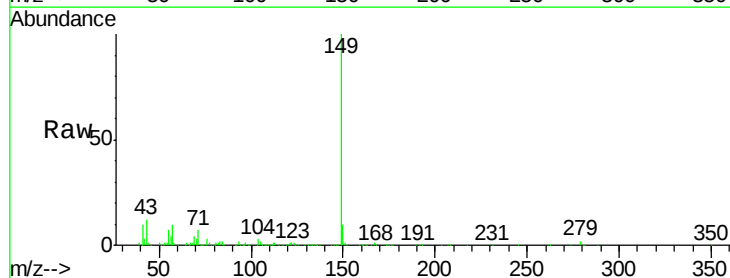
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

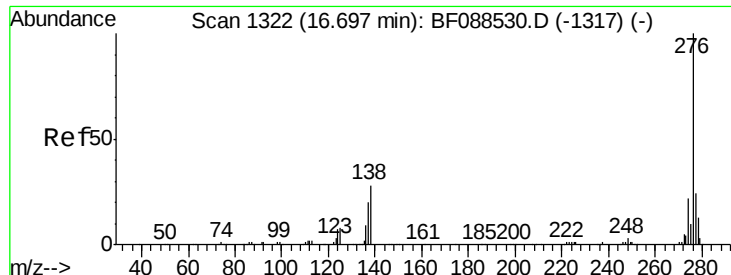
Tgt Ion:149 Resp: 298308
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.5 30.7
 279 2.5 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 46.18 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:149 Resp: 534037
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.0 0.0 0.0#

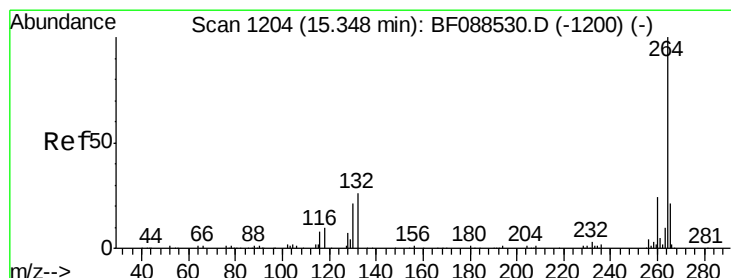
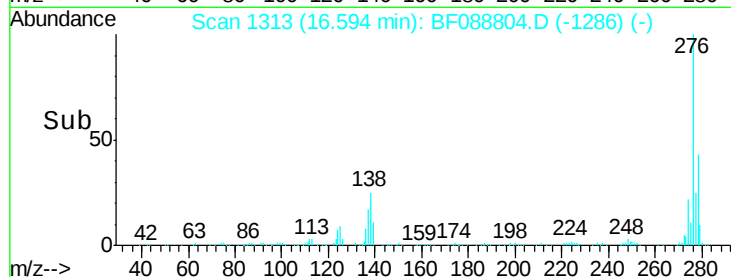
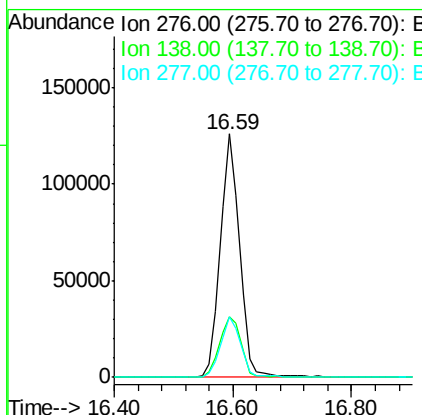
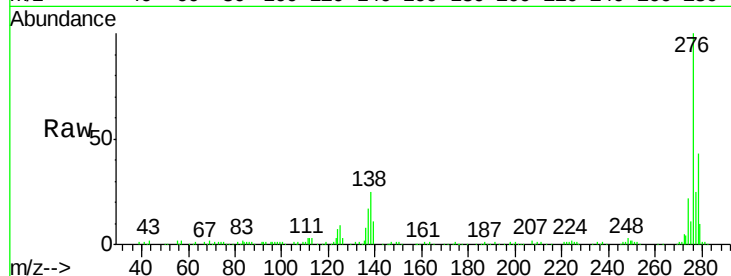




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.88 ng
 RT: 16.59 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

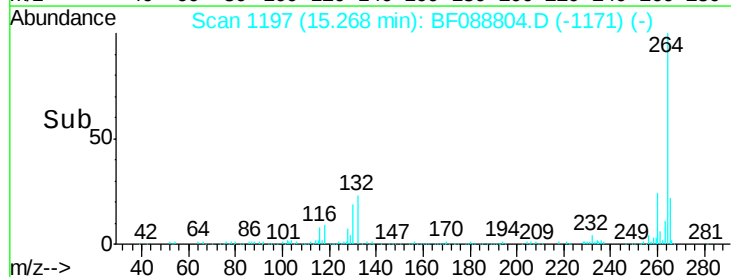
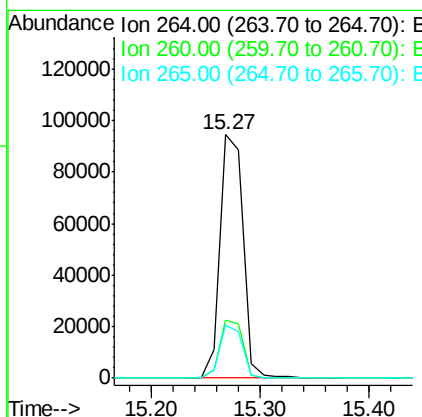
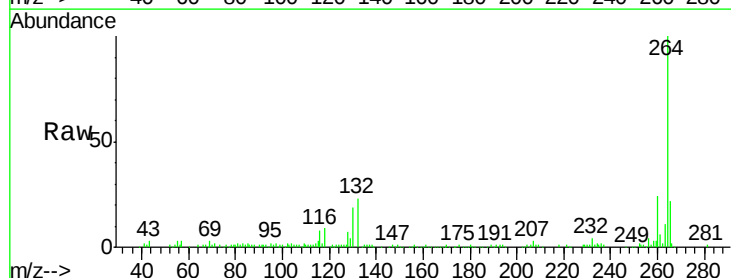
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

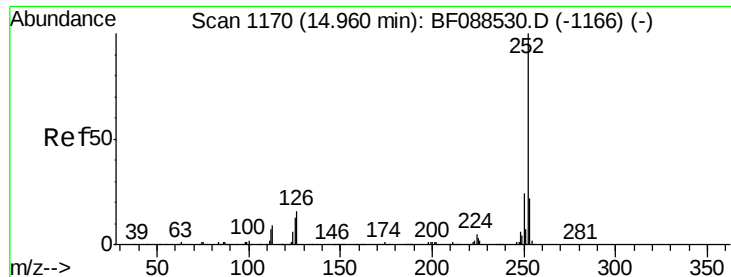
Tgt Ion: 276 Resp: 284943
 Ion Ratio Lower Upper
 276 100
 138 28.0 0.0 0.0#
 277 25.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion: 264 Resp: 139023
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.9 25.3

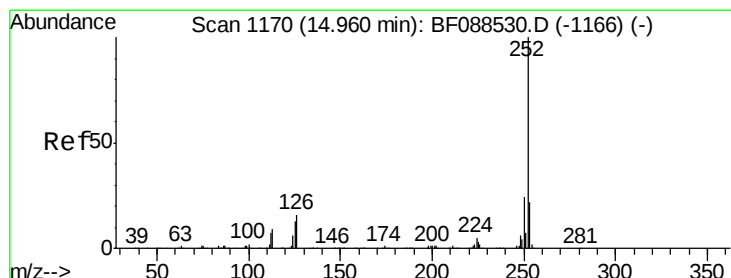
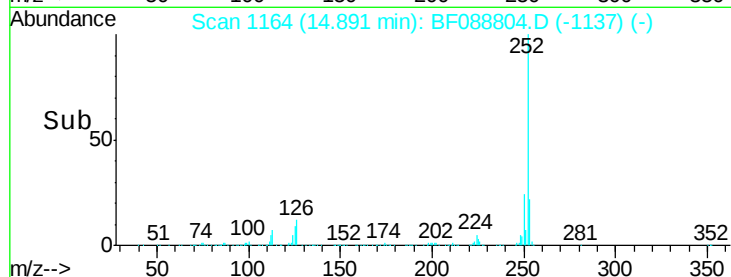
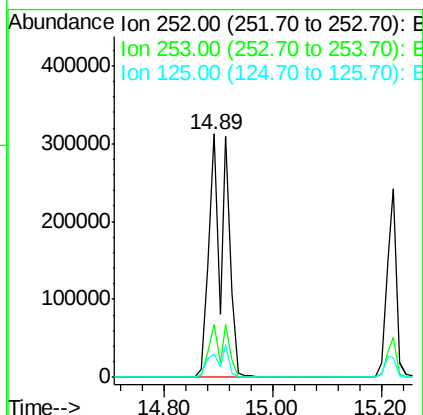
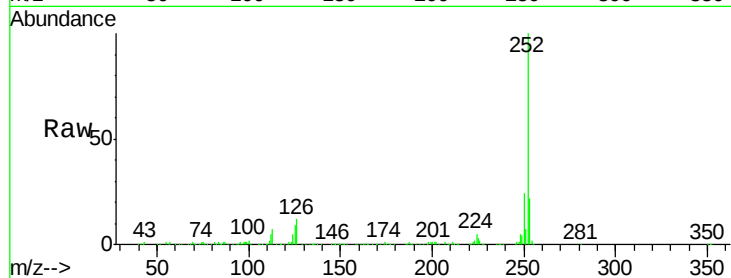




#87
Benzo(b)fluoranthene
Concen: 76.72 ng
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

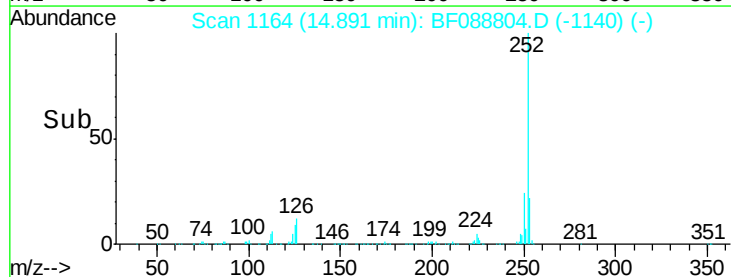
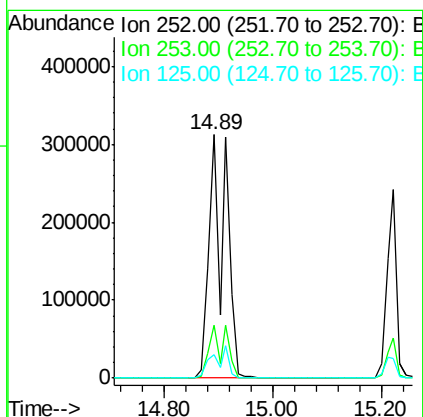
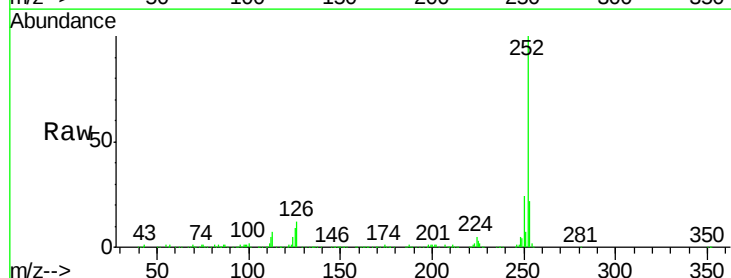
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

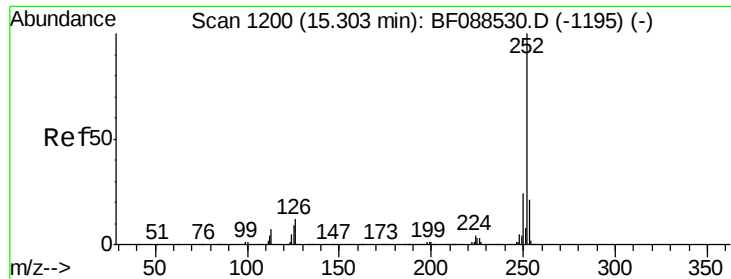
Tgt Ion:252 Resp: 669068
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.5 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 88.13 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:252 Resp: 669068
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.5 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 41.41 ng

RT: 15.22 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

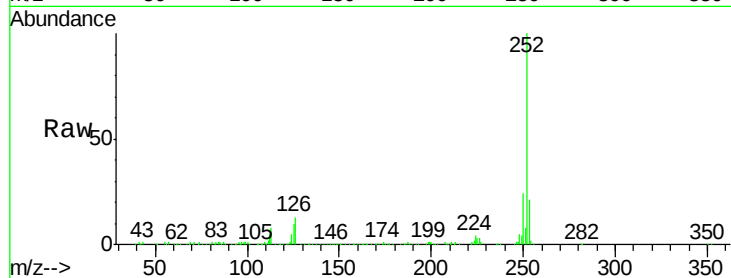
Tgt Ion:252 Resp: 305752

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

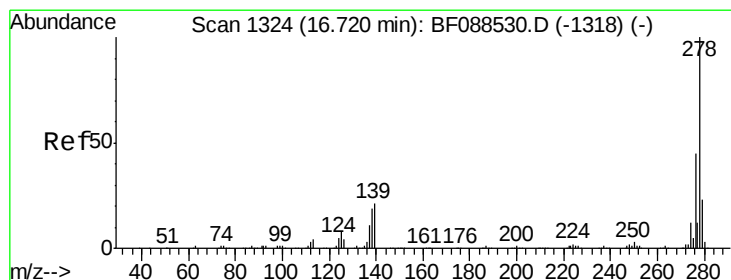
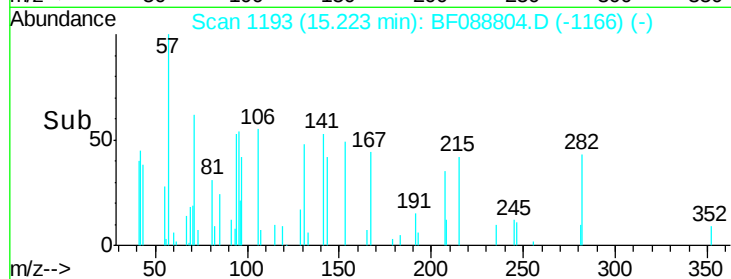
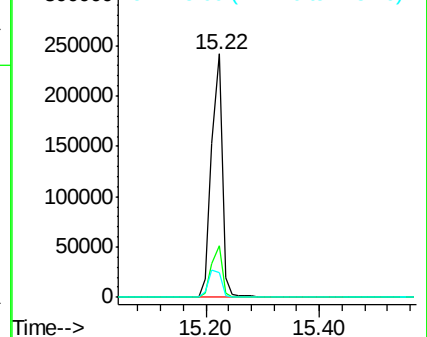
125 10.2 12.5 18.7#



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: 40.49 ng

RT: 16.61 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

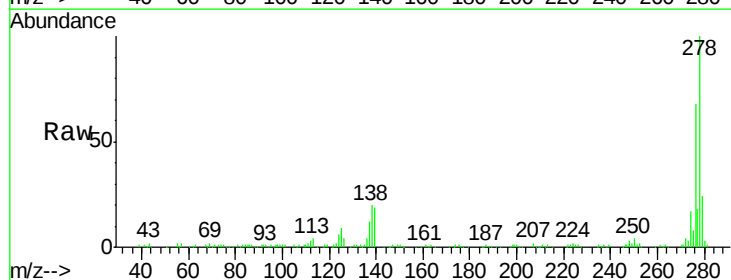
Tgt Ion:278 Resp: 249650

Ion Ratio Lower Upper

278 100

139 19.3 15.7 23.5

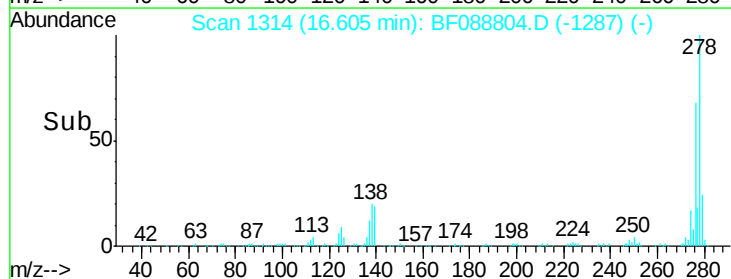
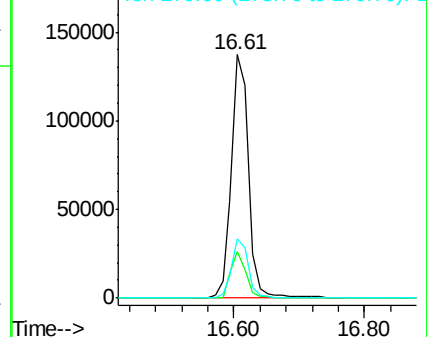
279 24.3 19.4 29.2

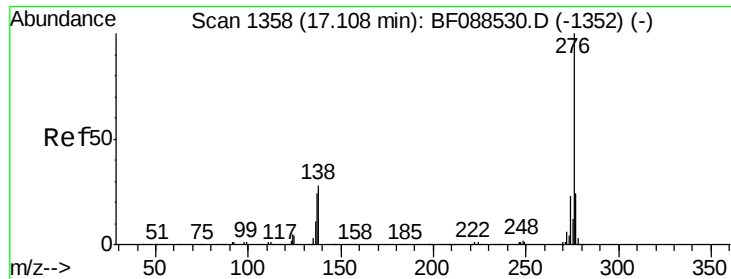


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.83 ng

RT: 16.99 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

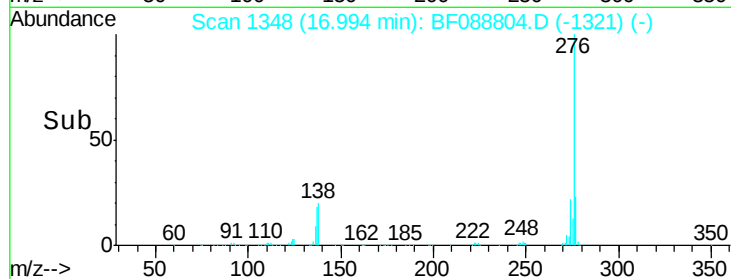
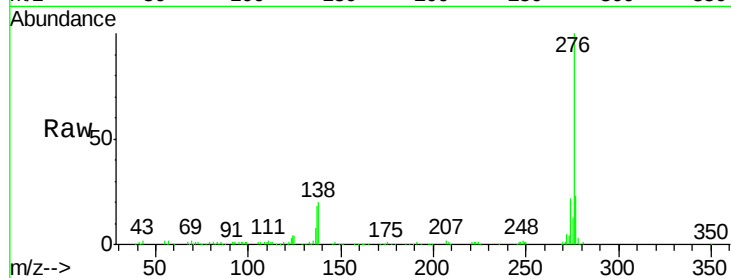
Tgt Ion: 276 Resp: 241353

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 20.0 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

