

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF088988.D
 Acq On : 14 Jul 2016 15:49
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 15 01:16:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	55953	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	236198	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	109267	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	206724	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	148714	20.00	ng	-0.03
86) Perylene-d12	15.18	264	121556	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	293609	78.64	ng	-0.01
7) Phenol-d6	6.34	99	389467	80.73	ng	-0.01
23) Nitrobenzene-d5	7.26	82	324320	71.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	73356	72.30	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	580789	83.96	ng	-0.02
78) Terphenyl-d14	12.78	244	496398	74.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	64591	34.90	ng	# 29
3) Pyridine	2.82	79	182860	34.05	ng	96
4) n-Nitrosodimethylamine	2.79	42	73479	35.81	ng	97
6) Aniline	6.34	93	257709	36.66	ng	# 50
8) 2-Chlorophenol	6.47	128	156570	39.02	ng	95
9) Benzaldehyde	6.23	77	107187	32.80	ng	90
10) Phenol	6.35	94	221259	40.19	ng	# 61
11) bis(2-Chloroethyl)ether	6.43	93	162368	39.55	ng	# 83
12) 1,3-Dichlorobenzene	6.63	146	184193	41.72	ng	98
13) 1,4-Dichlorobenzene	6.71	146	189261	43.18	ng	99
14) 1,2-Dichlorobenzene	6.71	146	189261	46.14	ng	96
15) Benzyl Alcohol	6.83	79	134073	37.76	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	194827	32.77	ng	79
17) 2-Methylphenol	6.96	107	124558	38.05	ng	95
18) Hexachloroethane	7.20	117	70250	41.44	ng	# 86
19) n-Nitroso-di-n-propylamine	7.12	70	123796	38.20	ng	# 84
20) 3+4-Methylphenols	7.12	107	171868	43.75	ng	# 75
22) Acetophenone	7.11	105	250704	43.73	ng	# 92
24) Nitrobenzene	7.28	77	197573	43.48	ng	92
25) Isophorone	7.52	82	308012	36.89	ng	96
26) 2-Nitrophenol	7.59	139	76930	41.28	ng	# 90
27) 2,4-Dimethylphenol	7.64	122	152293	39.24	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	213703	39.33	ng	# 96
29) 2,4-Dichlorophenol	7.84	162	135187	43.10	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	145954	42.40	ng	99
31) Naphthalene	8.00	128	509344	43.74	ng	98
32) Benzoic acid	7.78	122	104536	37.10	ng	92
33) 4-Chloroaniline	8.04	127	188681	36.42	ng	94
34) Hexachlorobutadiene	8.11	225	73516	39.88	ng	98
35) Caprolactam	8.42	113	40427	37.95	ng	94
36) 4-Chloro-3-methylphenol	8.54	107	142491	38.41	ng	89
37) 2-Methylnaphthalene	8.68	142	306280	40.85	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	174460	48.00	ng	# 1
40) Hexachlorocyclopentadiene	8.84	237	57345	32.15	ng	100

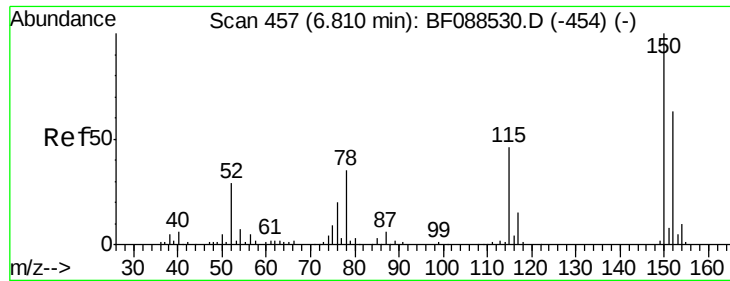
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	90404	37.73	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	87547	42.47	ng	# 83
45) 1,1'-Biphenyl	9.15	154	411001	45.42	ng	96
46) 2-Chloronaphthalene	9.18	162	293865	41.37	ng	94
47) 2-Nitroaniline	9.27	65	94963	37.67	ng	95
48) Acenaphthylene	9.59	152	472906	41.84	ng	98
49) Dimethylphthalate	9.46	163	330492	42.45	ng	98
50) 2,6-Dinitrotoluene	9.52	165	73510	42.61	ng	96
51) Acenaphthene	9.76	154	306134	44.19	ng	99
52) 3-Nitroaniline	9.68	138	78870	35.96	ng	90
53) 2,4-Dinitrophenol	9.78	184	31215	40.98	ng	# 68
54) Dibenzofuran	9.93	168	377853	41.67	ng	96
55) 4-Nitrophenol	9.85	139	58647	35.19	ng	87
56) 2,4-Dinitrotoluene	9.92	165	104433	46.30	ng	# 80
57) Fluorene	10.26	166	280608	40.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	63596	39.87	ng	# 44
59) Diethylphthalate	10.15	149	309305	39.59	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	141896	43.70	ng	95
61) 4-Nitroaniline	10.30	138	92313	43.74	ng	93
62) Azobenzene	10.42	77	364147	40.86	ng	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	44845	40.56	ng	84
65) n-Nitrosodiphenylamine	10.39	169	274801	39.28	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	81494	39.12	ng	# 92
67) Hexachlorobenzene	10.81	284	79133	34.31	ng	91
68) Atrazine	10.91	200	89493	41.05	ng	93
69) Pentachlorophenol	11.00	266	45171	33.10	ng	97
70) Phenanthrene	11.22	178	490336	43.39	ng	99
71) Anthracene	11.27	178	412715	36.73	ng	99
72) Carbazole	11.43	167	436435	41.27	ng	99
73) Di-n-butylphthalate	11.77	149	532045	43.25	ng	99
74) Fluoranthene	12.40	202	483775	42.23	ng	98
76) Benzidine	12.52	184	254142	33.81	ng	99
77) Pyrene	12.63	202	533858	42.34	ng	98
79) Butylbenzylphthalate	13.26	149	222882	39.63	ng	96
80) Benzo(a)anthracene	13.81	228	369768	38.61	ng	100
81) 3,3'-Dichlorobenzidine	13.78	252	130155	36.15	ng	# 98
82) Chrysene	13.84	228	339380	35.82	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	283836	44.20	ng	99
84) Di-n-octyl phthalate	14.42	149	450113	41.26	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.46	276	270741	37.14	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	612683	80.35	ng	# 97
88) Benzo(k)fluoranthene	14.83	252	612683	92.30	ng	98
89) Benzo(a)pyrene	15.13	252	290048	44.93	ng	# 93
90) Dibenzo(a,h)anthracene	16.47	278	232899	43.20	ng	98
91) Benzo(g,h,i)perylene	16.85	276	232905	41.75	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

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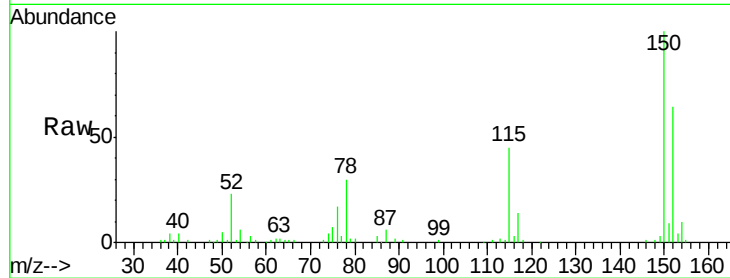
Tgt Ion:152 Resp: 55953

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

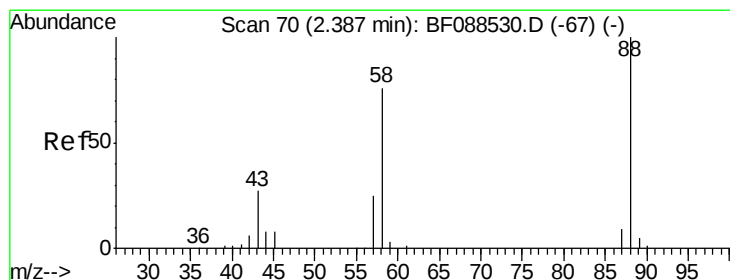
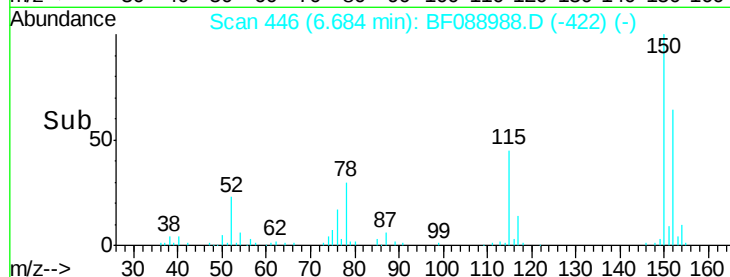
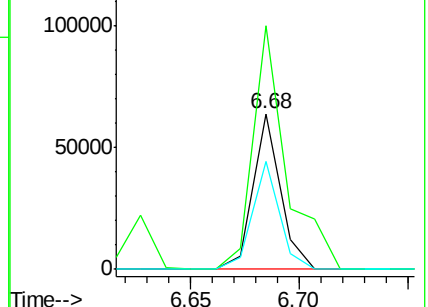
115 69.6 39.6 59.4#



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: 34.90 ng

RT: 2.18 min Scan# 52

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

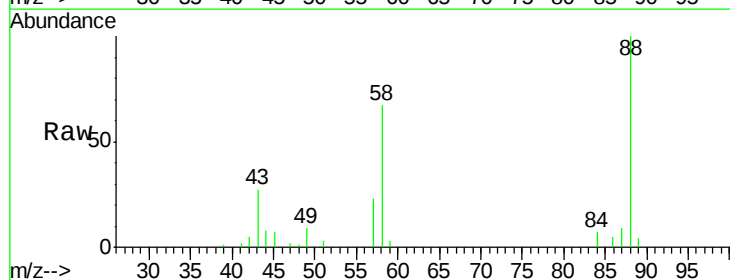
Tgt Ion: 88 Resp: 64591

Ion Ratio Lower Upper

88 100

58 66.3 0.0 0.0#

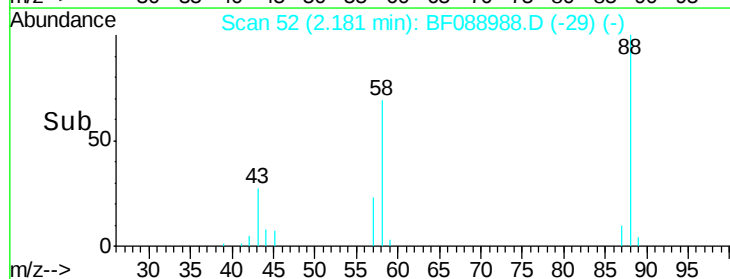
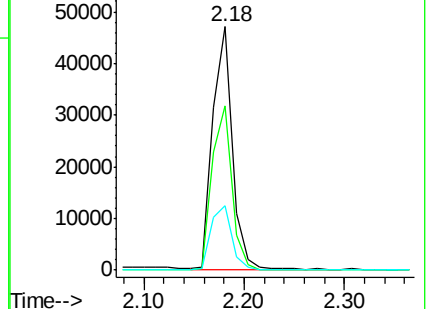
43 27.7 3.4 5.2#



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: 34.05 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.06 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

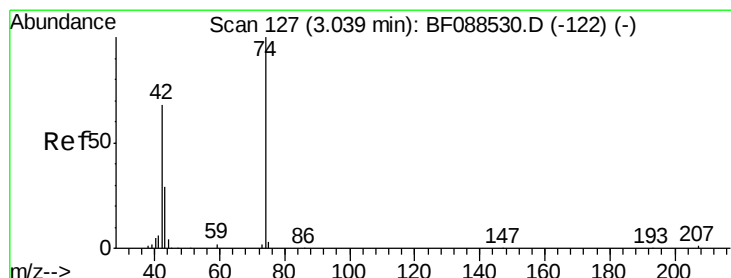
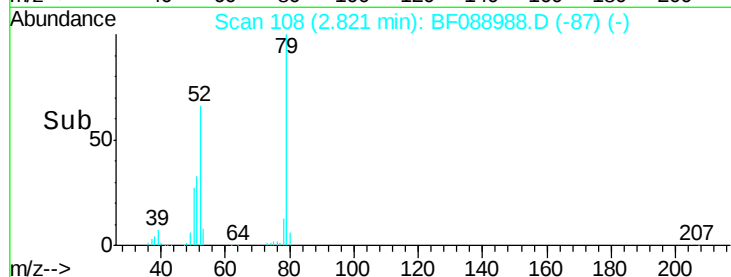
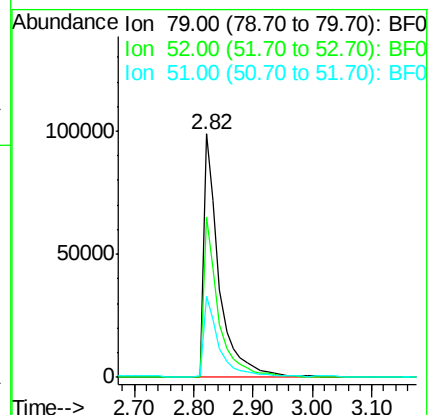
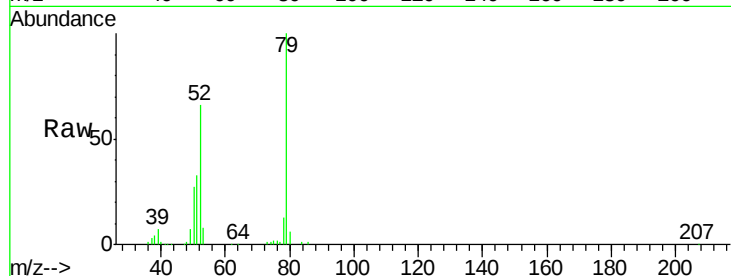
Tgt Ion: 79 Resp: 182860

Ion Ratio Lower Upper

79 100

52 65.8 56.3 84.5

51 33.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 35.81 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.05 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

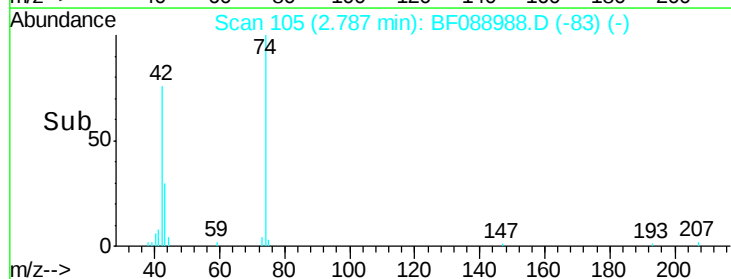
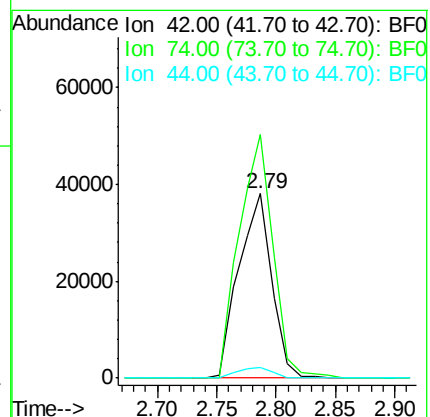
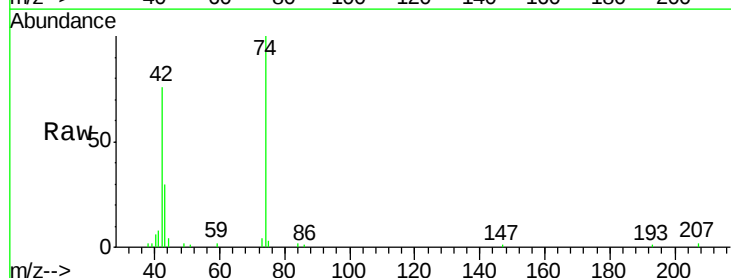
Tgt Ion: 42 Resp: 73479

Ion Ratio Lower Upper

42 100

74 132.2 108.6 163.0

44 5.8 5.5 8.3





#5

2-Fluorophenol

Concen: 78.64 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

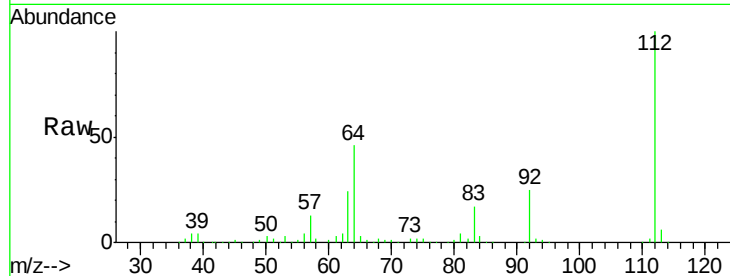
Tgt Ion: 112 Resp: 293609

Ion Ratio Lower Upper

112 100

64 45.6 42.2 63.2

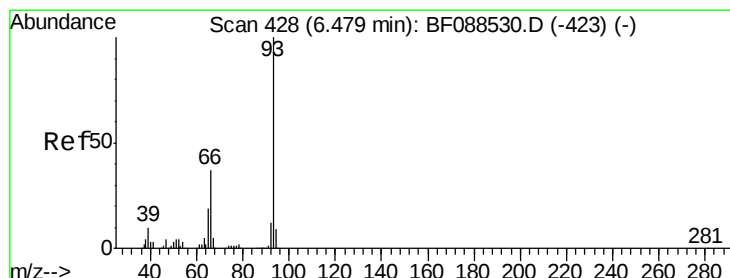
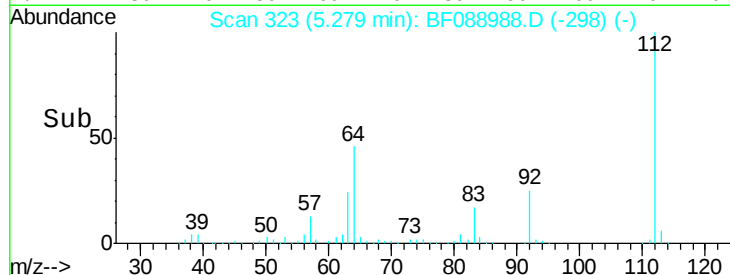
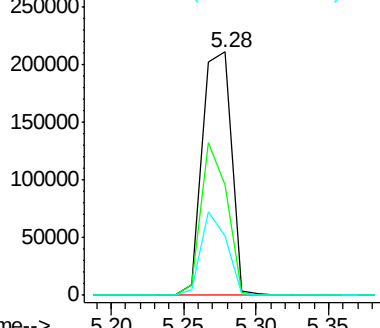
63 24.4 21.8 32.8



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: 36.66 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

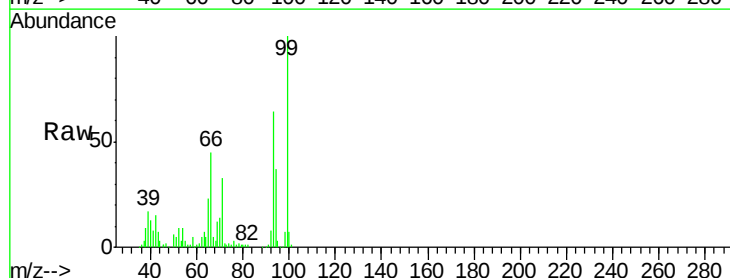
Tgt Ion: 93 Resp: 257709

Ion Ratio Lower Upper

93 100

66 70.0 29.8 44.8#

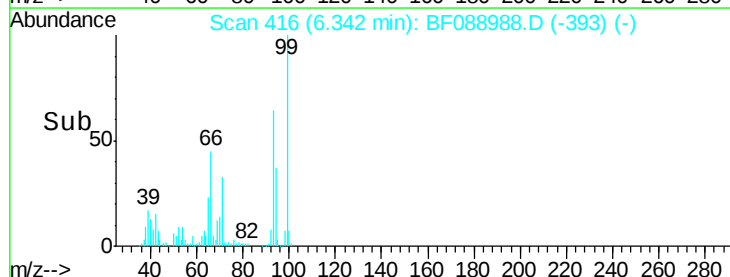
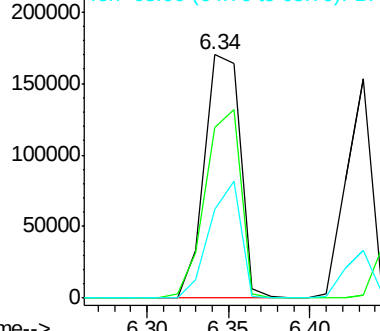
65 36.6 14.9 22.3#



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: 80.73 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

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ClientSampleId :

SSTDCCC040EC

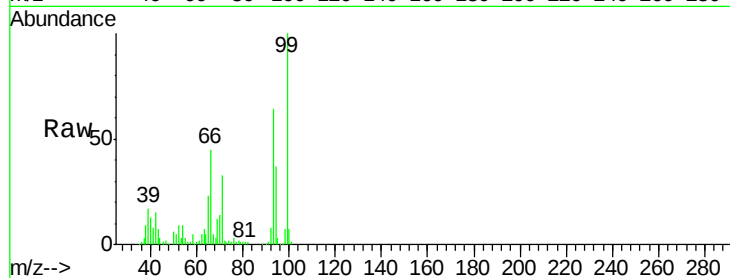
Tgt Ion: 99 Resp: 389467

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

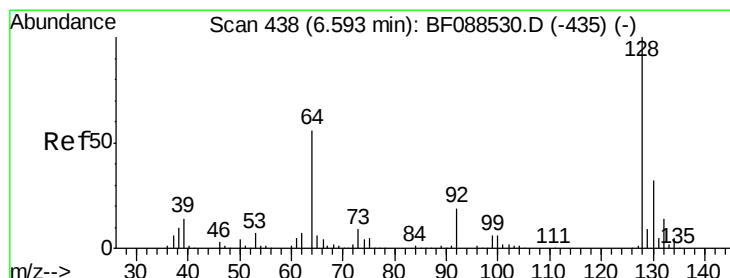
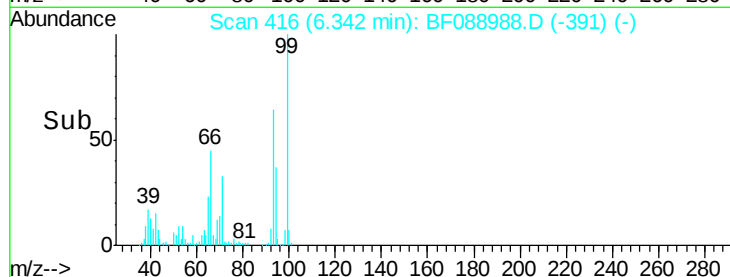
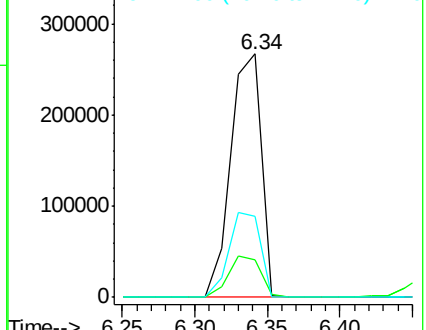
71 33.4 23.4 35.0



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: 39.02 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

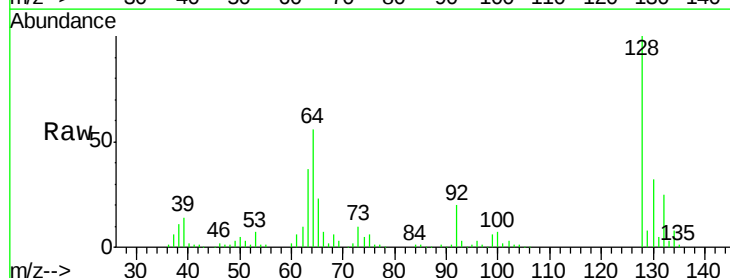
Tgt Ion: 128 Resp: 156570

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

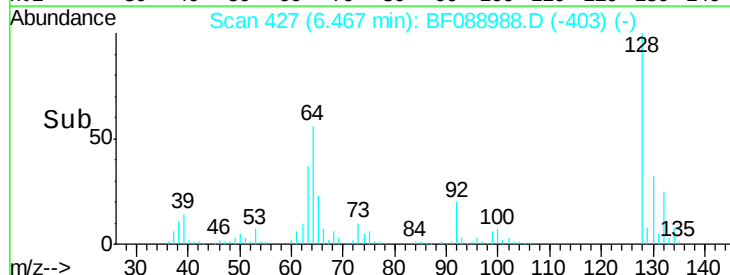
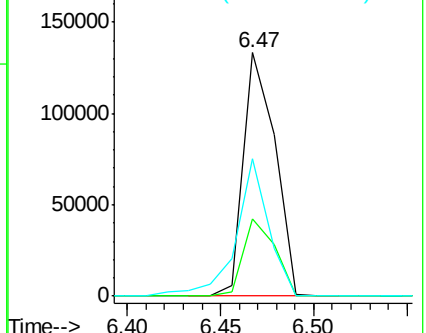
64 56.2 30.8 70.8



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: 32.80 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

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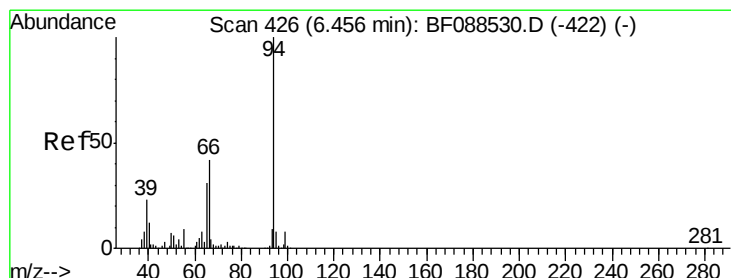
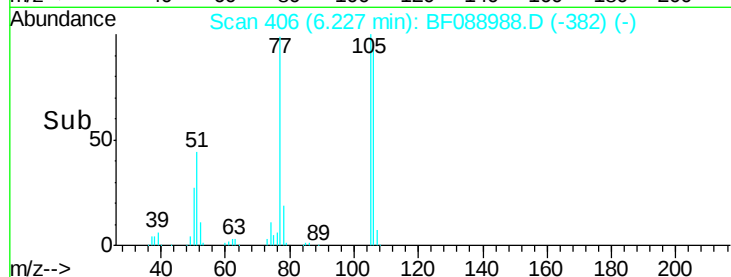
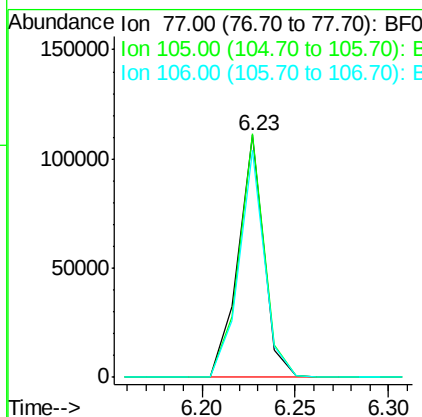
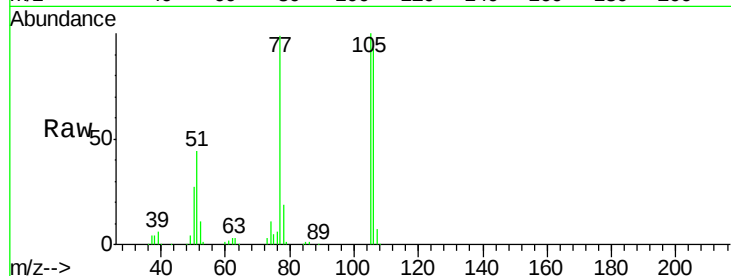
Tgt Ion: 77 Resp: 107187

Ion Ratio Lower Upper

77 100

105 100.5 90.6 130.6

106 93.9 85.3 125.3



#10

Phenol

Concen: 40.19 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

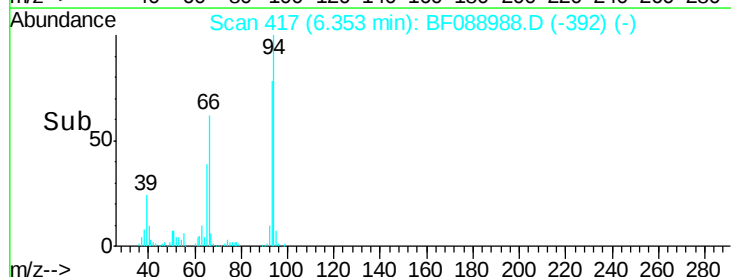
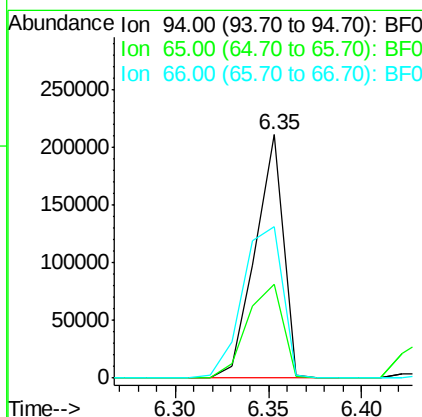
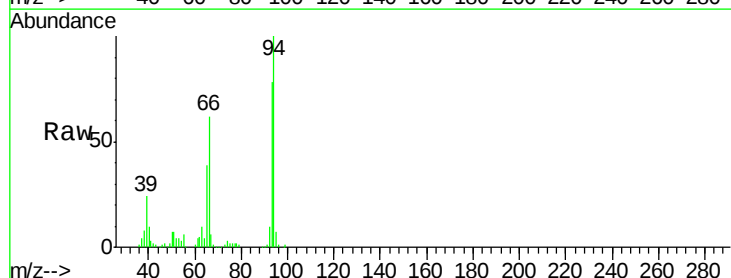
Tgt Ion: 94 Resp: 221259

Ion Ratio Lower Upper

94 100

65 38.6 5.9 45.9

66 62.2 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 39.55 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

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Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

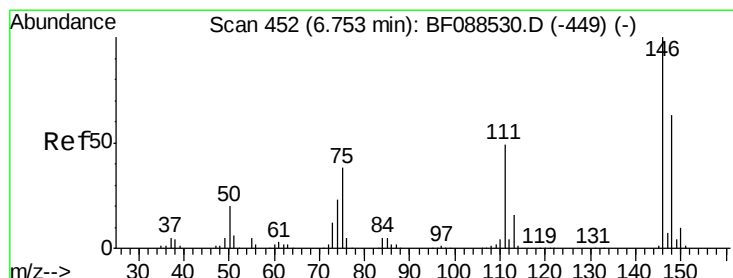
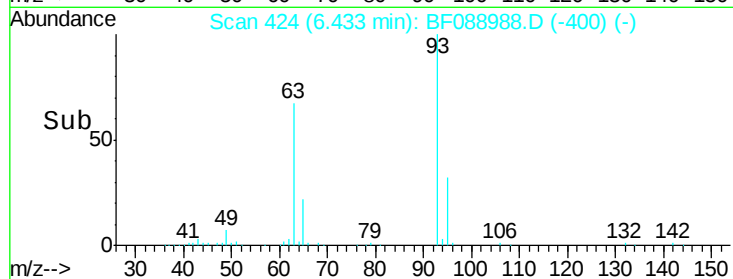
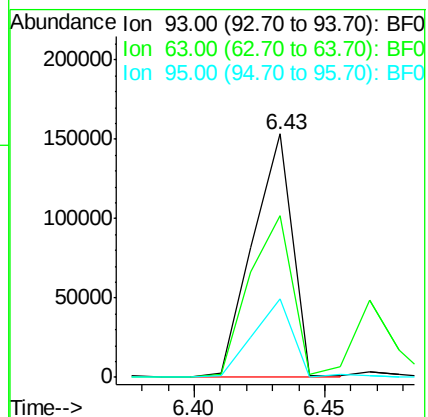
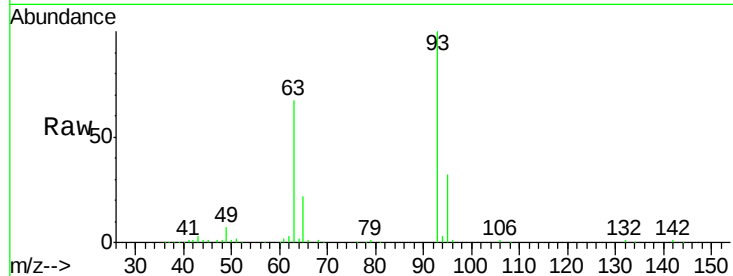
Tgt Ion: 93 Resp: 162368

Ion Ratio Lower Upper

93 100

63 66.6 67.6 107.6#

95 32.4 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 41.72 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

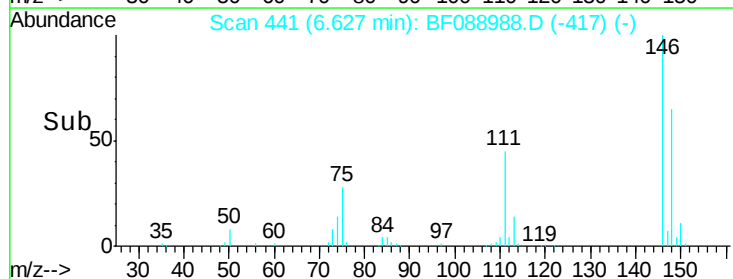
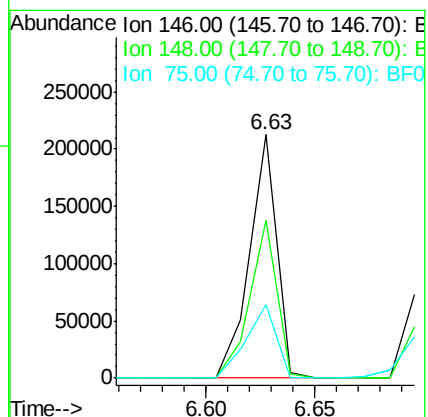
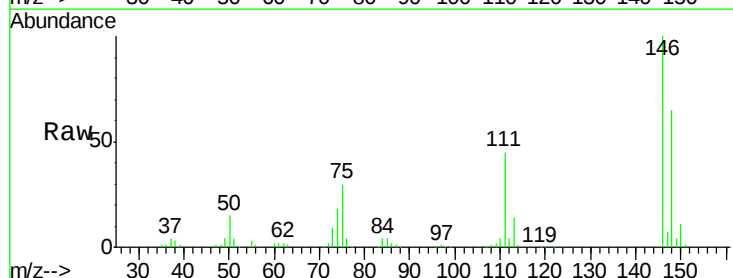
Tgt Ion: 146 Resp: 184193

Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 29.9 25.6 38.4

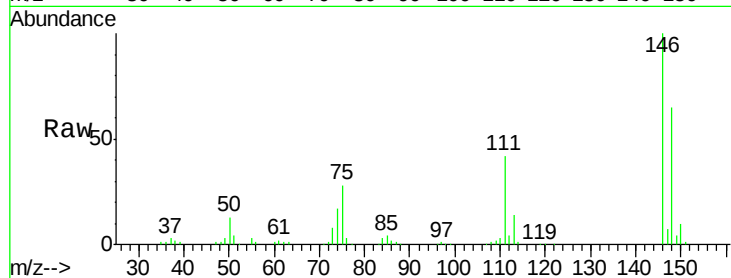




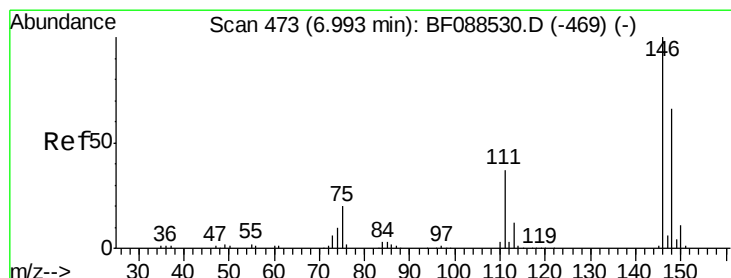
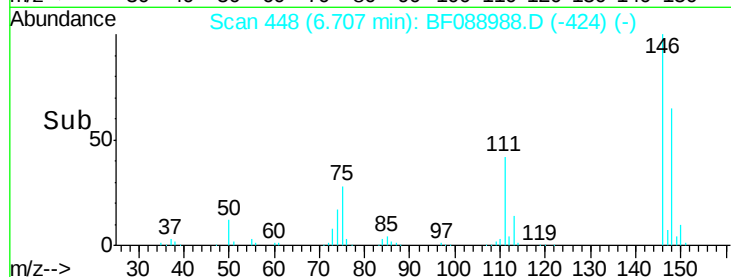
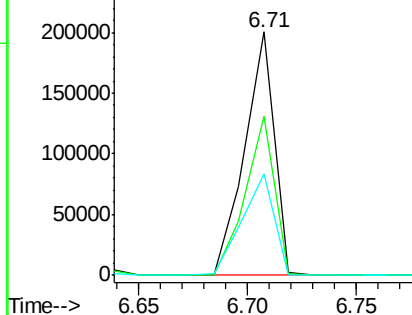
#13
 1,4-Dichlorobenzene
 Concen: 43.18 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 189261
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 41.6 33.8 50.8

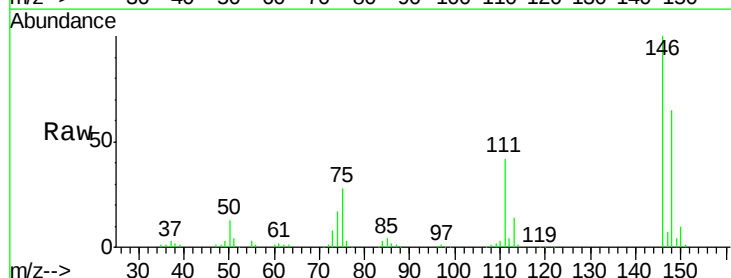


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

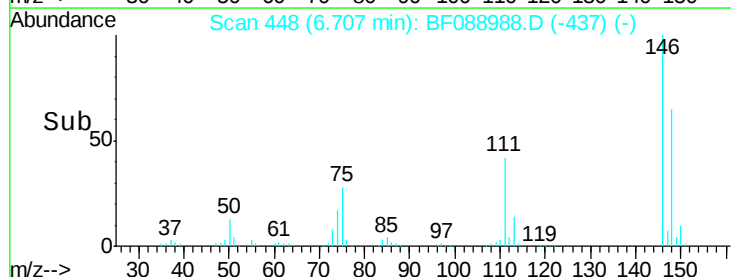
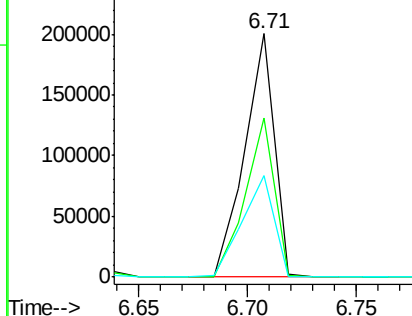


#14
 1,2-Dichlorobenzene
 Concen: 46.14 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.17 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:146 Resp: 189261
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 41.6 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: 37.76 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

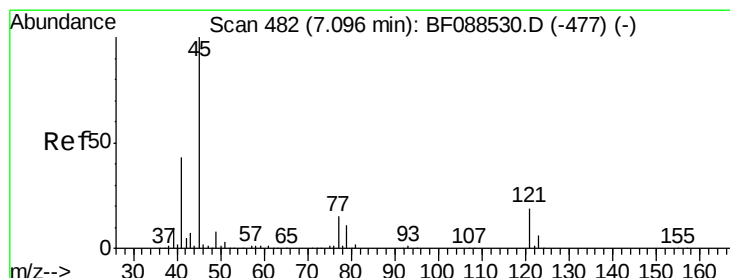
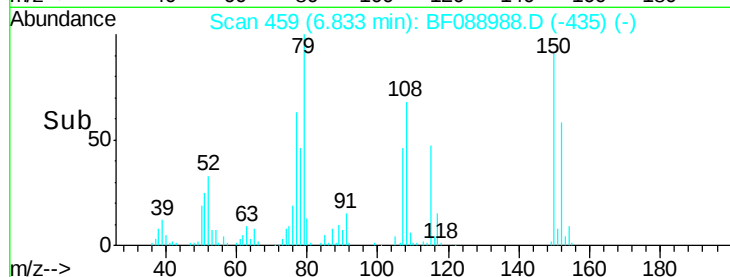
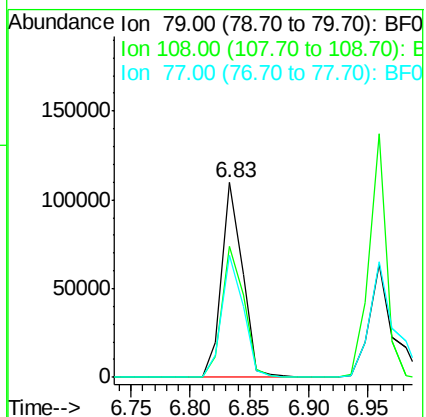
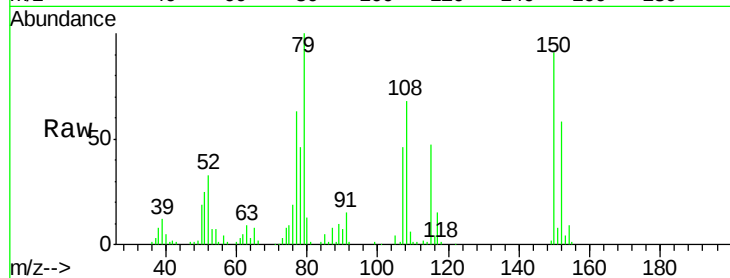
Tgt Ion: 79 Resp: 134073

Ion Ratio Lower Upper

79 100

108 67.5 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.77 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

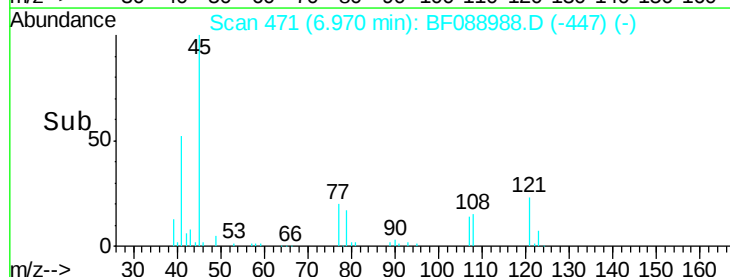
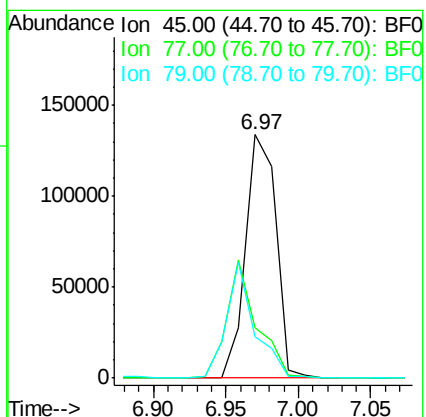
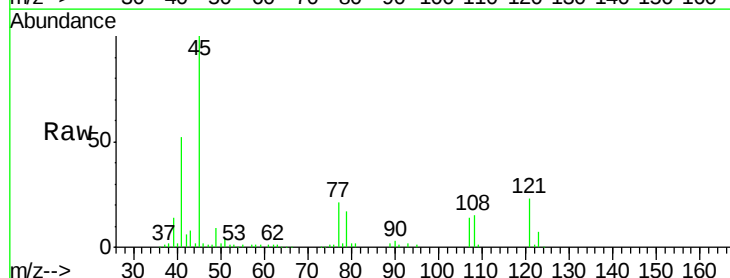
Tgt Ion: 45 Resp: 194827

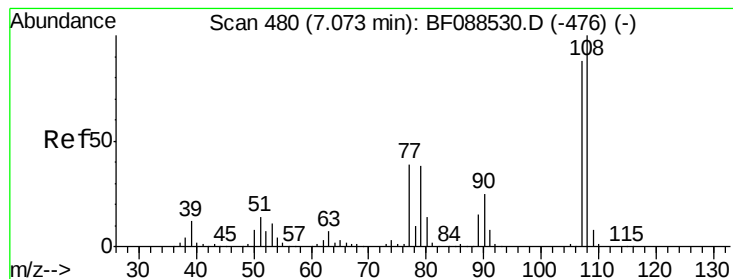
Ion Ratio Lower Upper

45 100

77 20.8 0.0 32.5

79 17.0 0.0 29.5





#17

2-Methylphenol

Concen: 38.05 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 124558

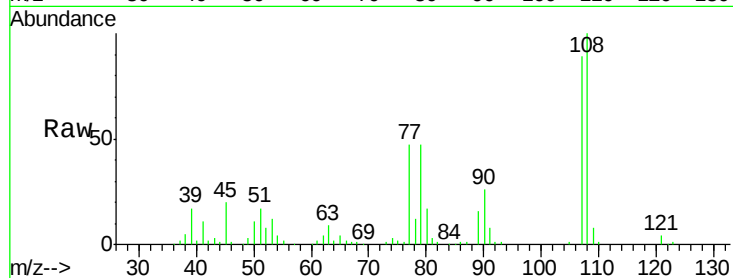
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 53.1 36.6 55.0

79 52.4 36.5 54.7

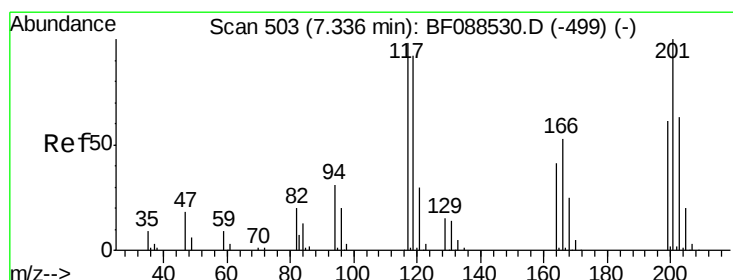
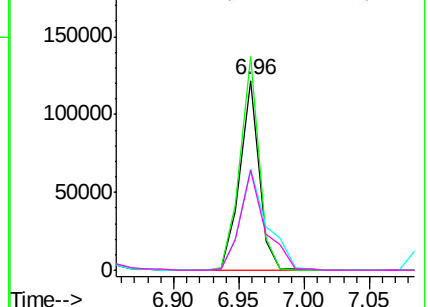
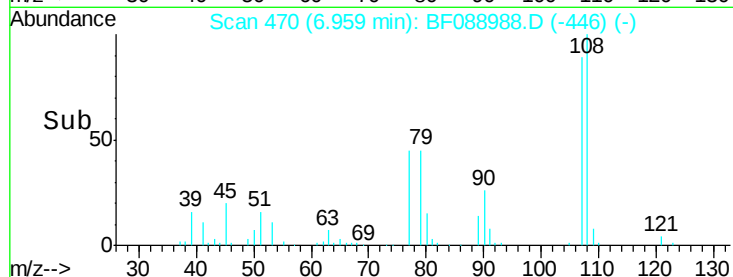


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.44 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

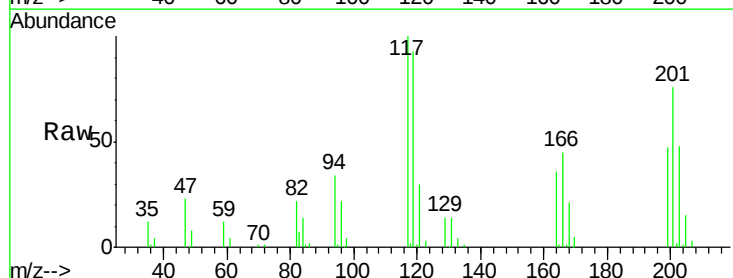
Tgt Ion:117 Resp: 70250

Ion Ratio Lower Upper

117 100

119 93.3 77.4 116.2

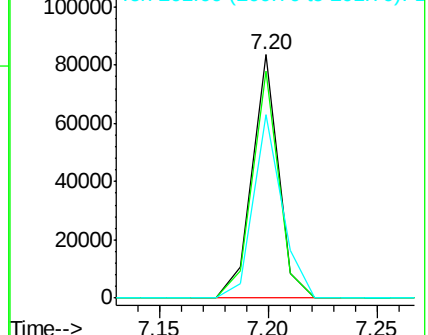
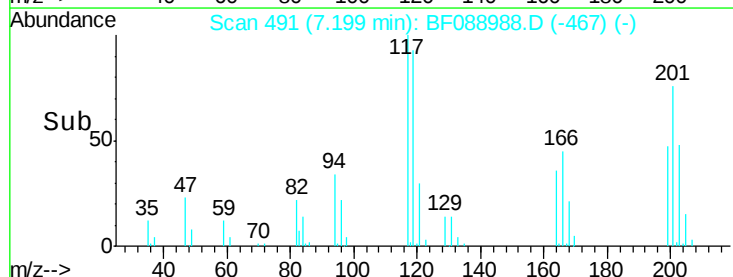
201 75.6 80.4 120.6#

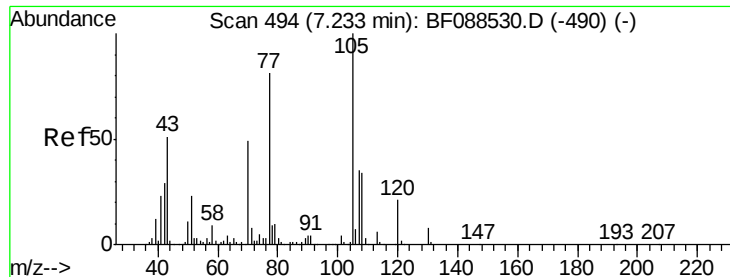


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

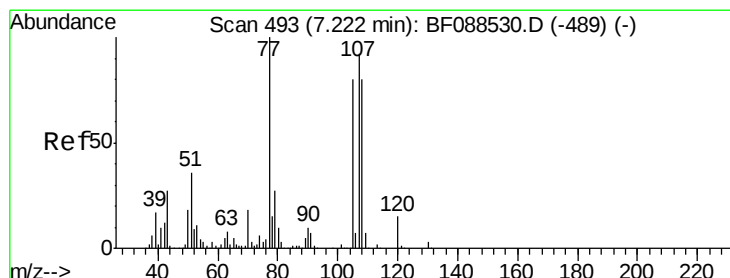
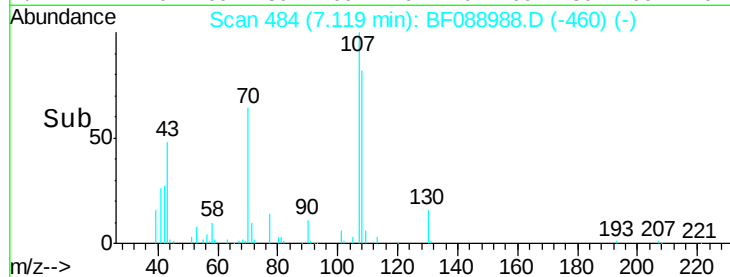
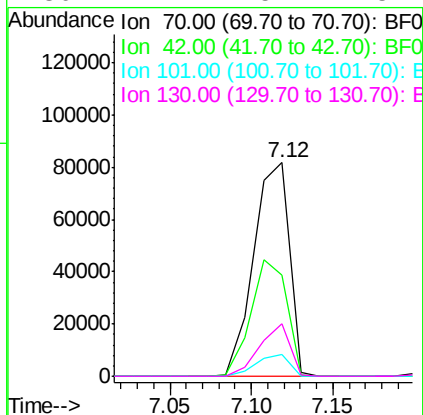
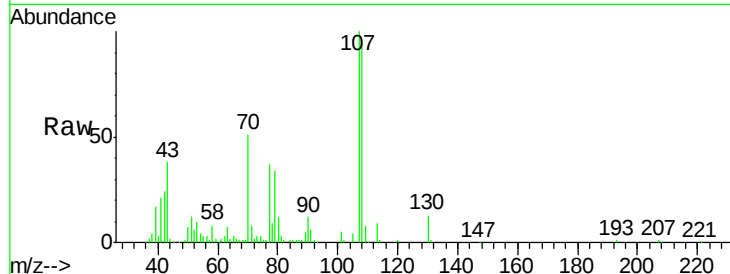




#19
 n-Nitroso-di-n-propylamine
 Concen: 38.20 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

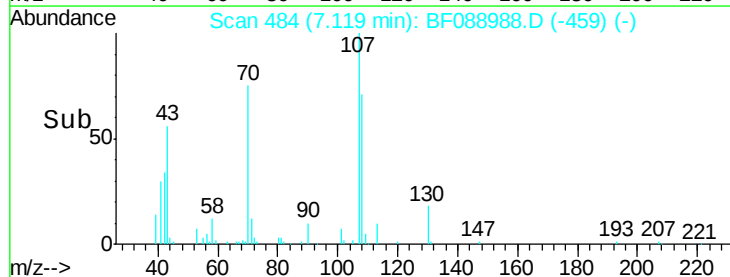
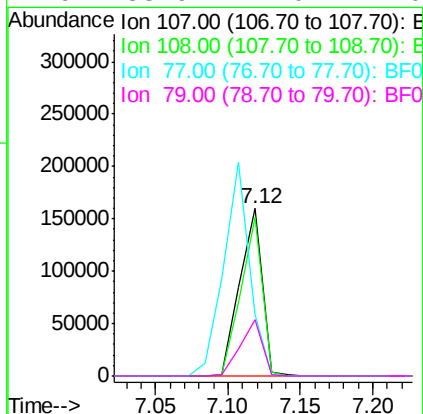
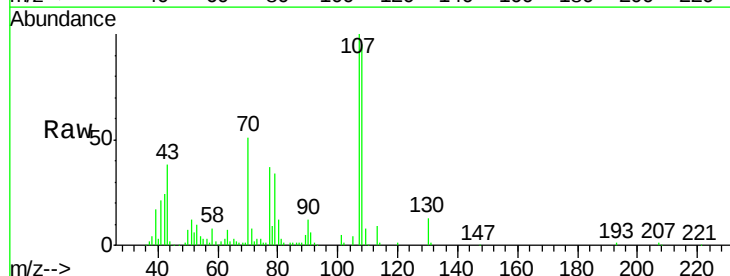
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

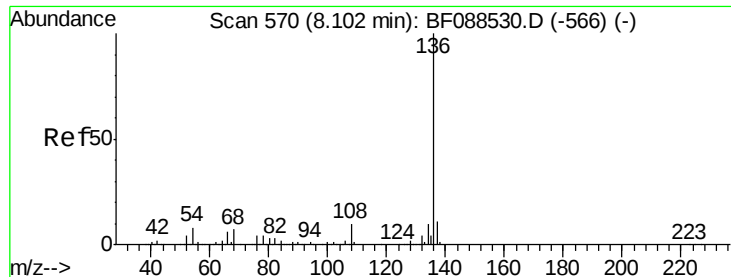
Tgt Ion: 70 Resp: 123796
 Ion Ratio Lower Upper
 70 100
 42 47.5 49.6 74.4#
 101 10.4 7.1 10.7
 130 24.4 15.4 23.2#



#20
 3+4-Methylphenols
 Concen: 43.75 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion: 107 Resp: 171868
 Ion Ratio Lower Upper
 107 100
 108 95.0 67.8 107.8
 77 36.6 59.3 99.3#
 79 33.9 7.0 47.0

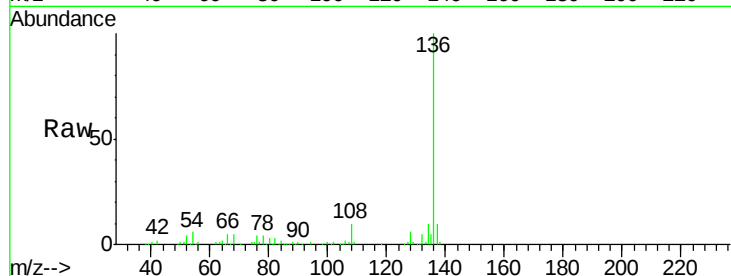




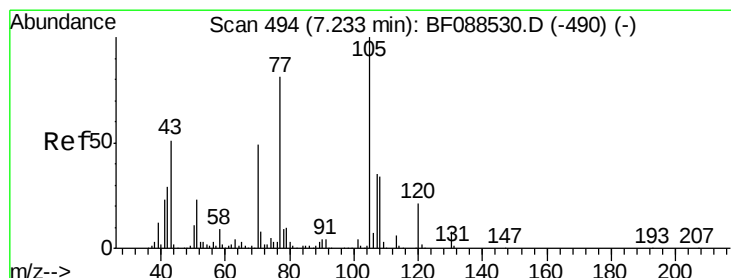
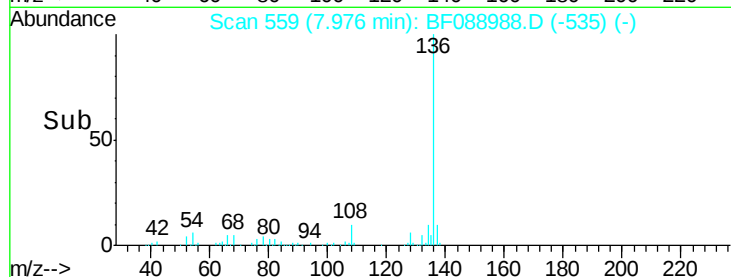
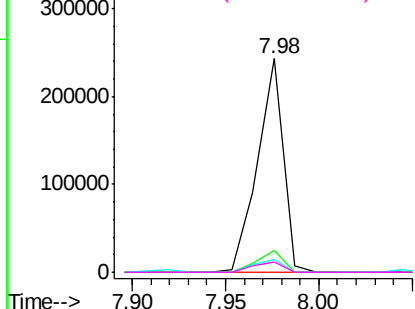
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	236198
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	6.1	6.6	10.0#
68	4.6	5.1	7.7#

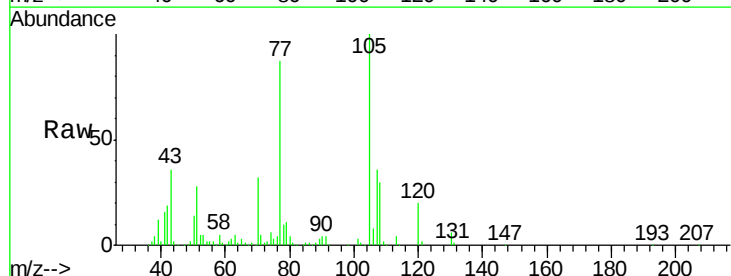


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

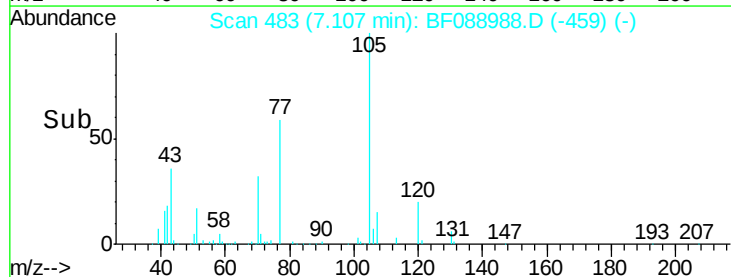
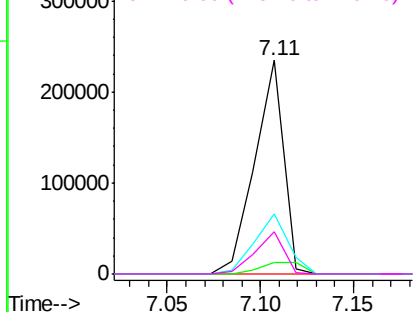


#22
Acetophenone
Concen: 43.73 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:	105	Resp:	250704
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.3	7.9
51	28.1	18.2	27.4#
120	19.8	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

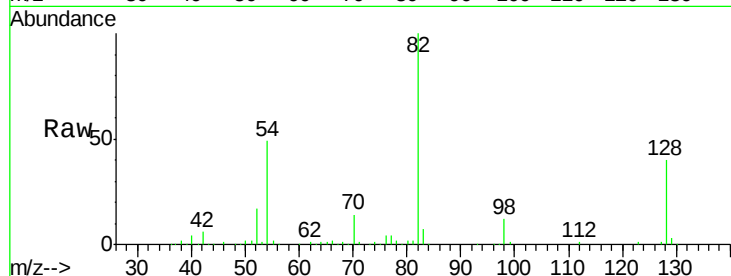




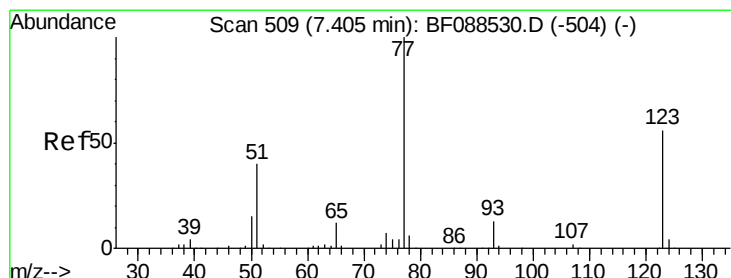
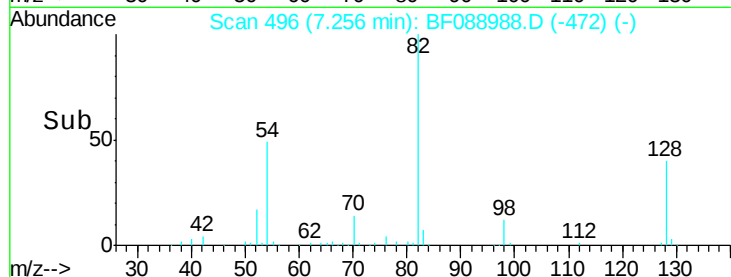
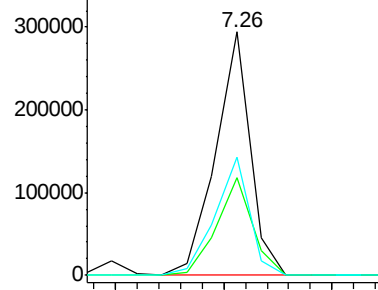
#23
 Nitrobenzene-d5
 Concen: 71.96 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 324320
 Ion Ratio Lower Upper
 82 100
 128 40.4 35.9 53.9
 54 48.6 40.9 61.3

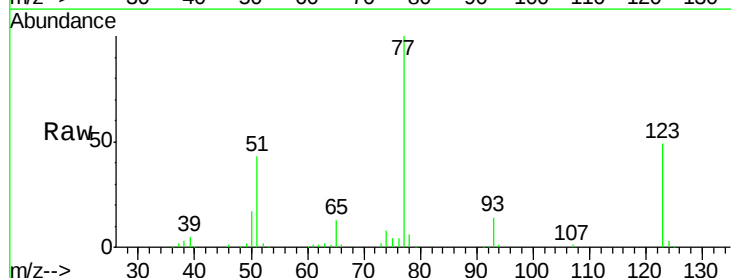


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

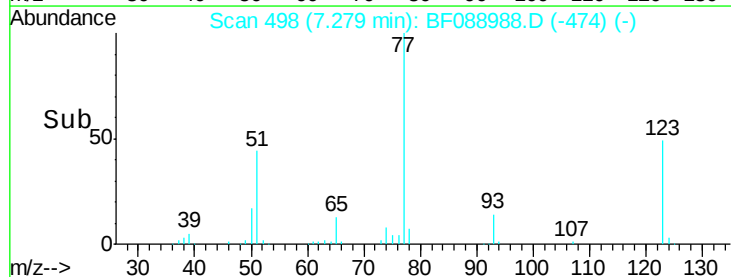
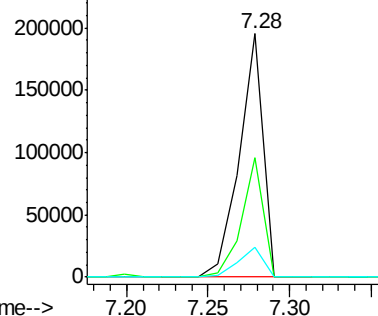


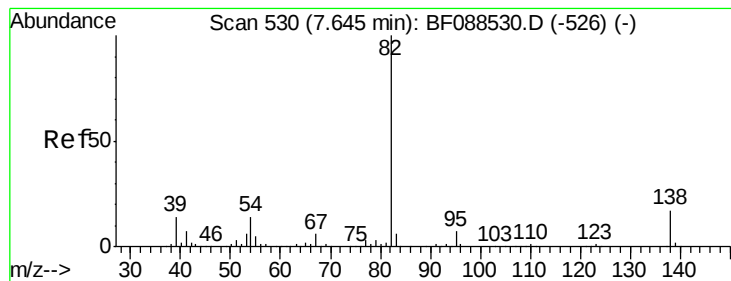
#24
 Nitrobenzene
 Concen: 43.48 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion: 77 Resp: 197573
 Ion Ratio Lower Upper
 77 100
 123 48.8 45.0 67.4
 65 12.5 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: 36.89 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

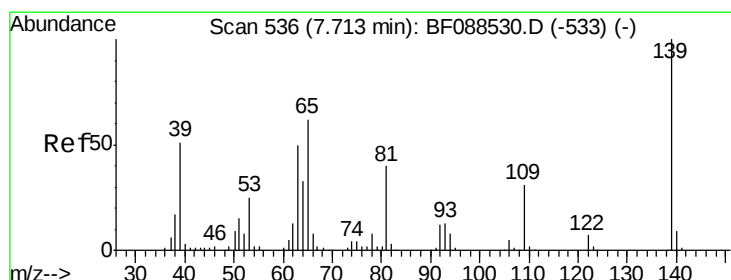
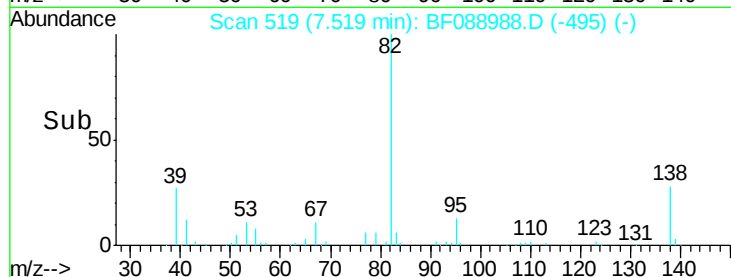
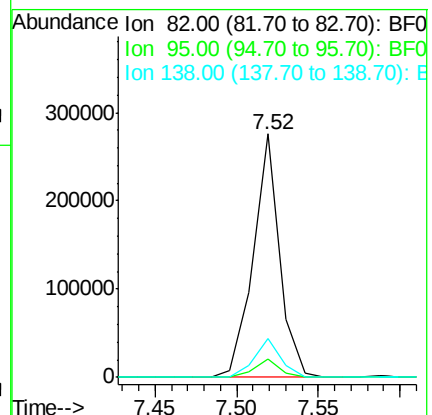
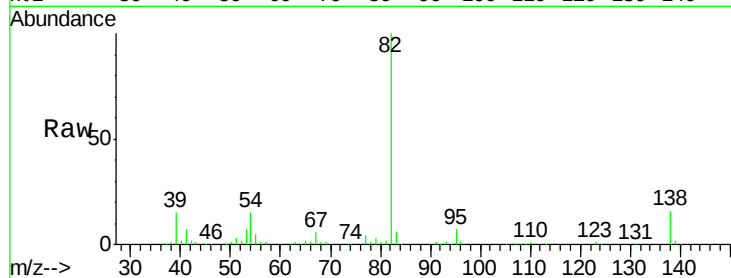
Tgt Ion: 82 Resp: 308012

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 16.1 14.6 21.8



#26

2-Nitrophenol

Concen: 41.28 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

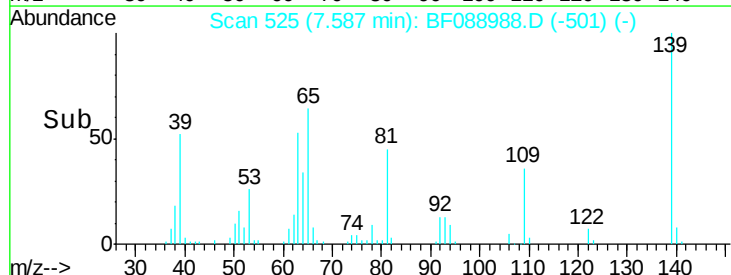
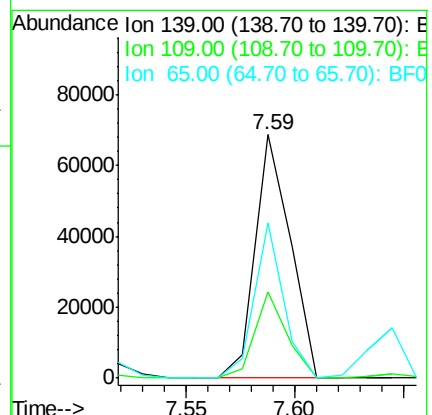
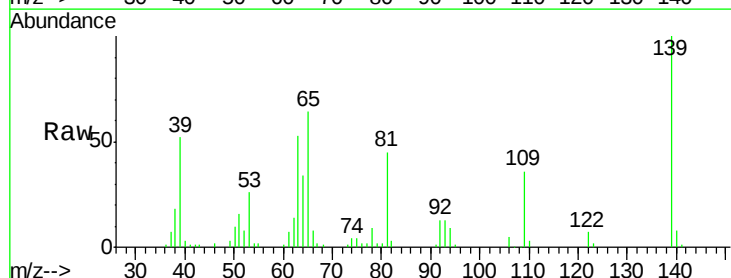
Tgt Ion: 139 Resp: 76930

Ion Ratio Lower Upper

139 100

109 35.7 23.0 34.4#

65 63.6 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 39.24 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

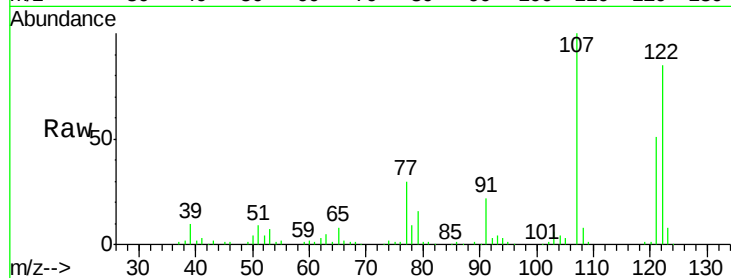
Tgt Ion: 122 Resp: 152293

Ion Ratio Lower Upper

122 100

107 118.2 82.4 123.6

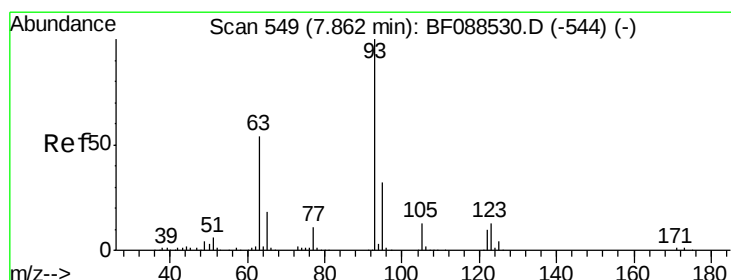
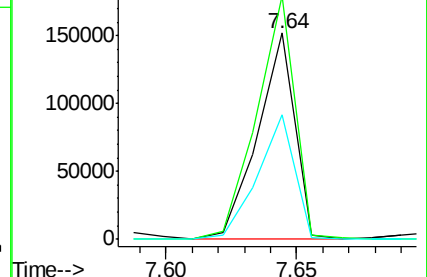
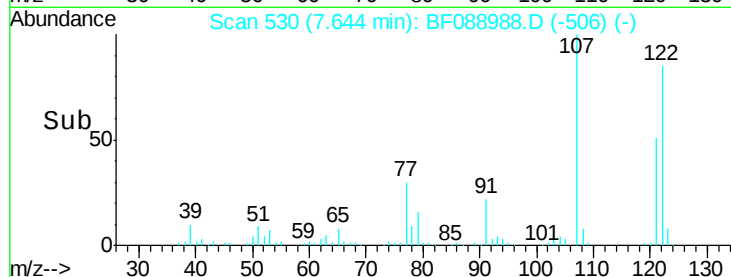
121 60.5 46.3 69.5



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: 39.33 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

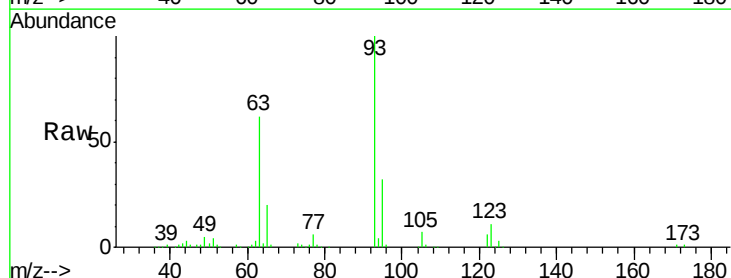
Tgt Ion: 93 Resp: 213703

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

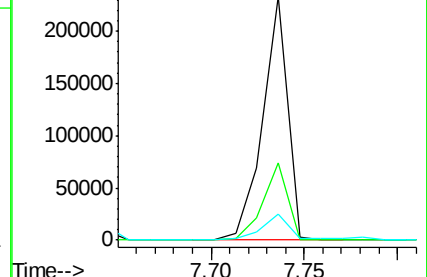
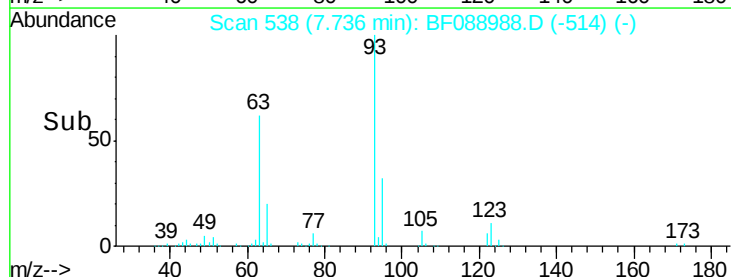
123 10.9 11.6 17.4#



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

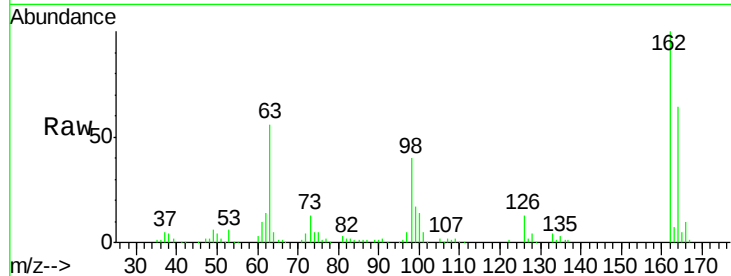




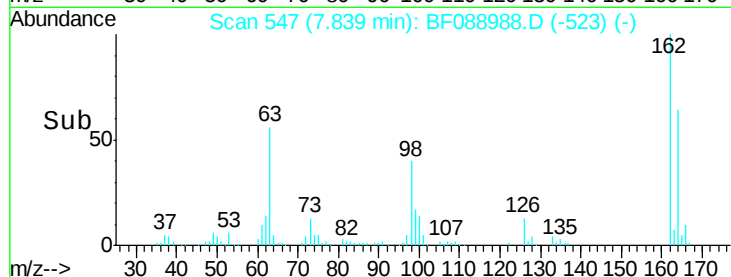
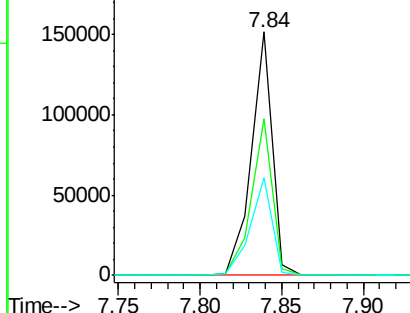
#29
 2,4-Dichlorophenol
 Concen: 43.10 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	40.3	21.3	61.3

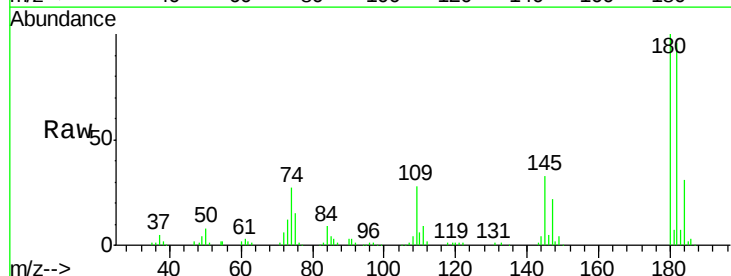


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

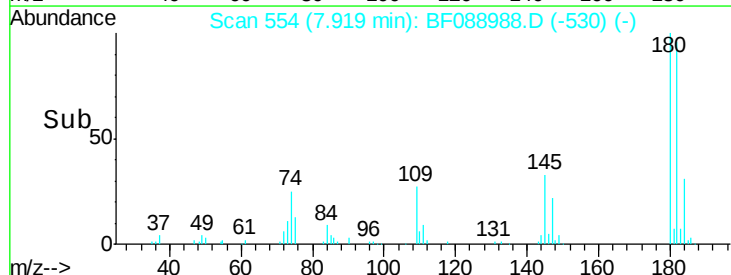
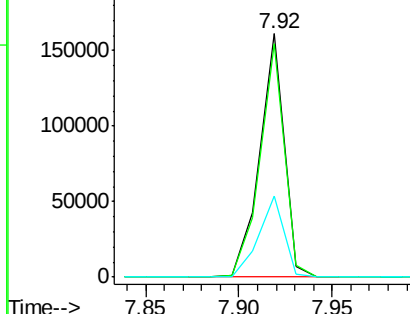


#30
 1,2,4-Trichlorobenzene
 Concen: 42.40 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	33.3	26.5	39.7



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

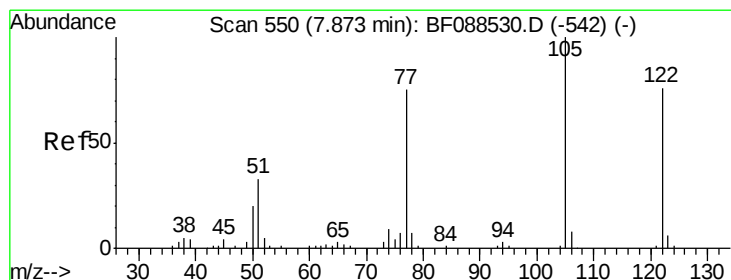
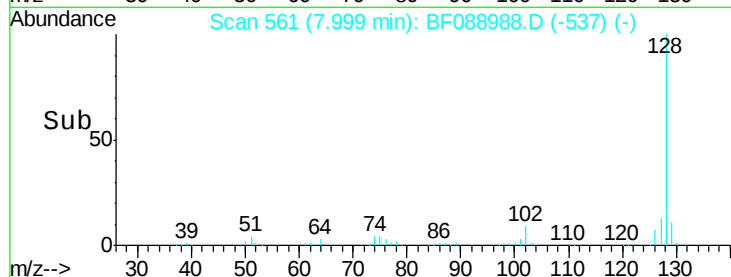
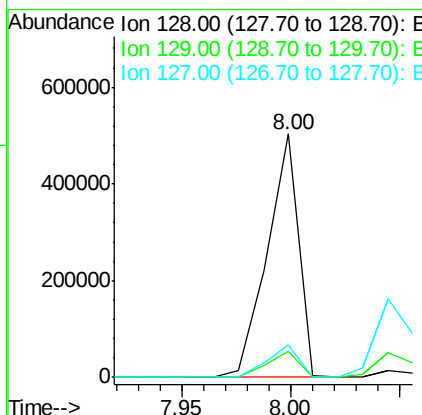
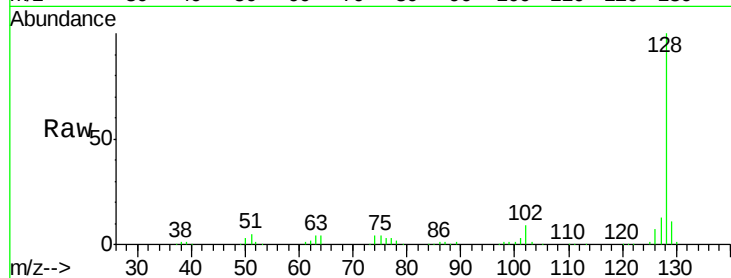




#31
Naphthalene
Concen: 43.74 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

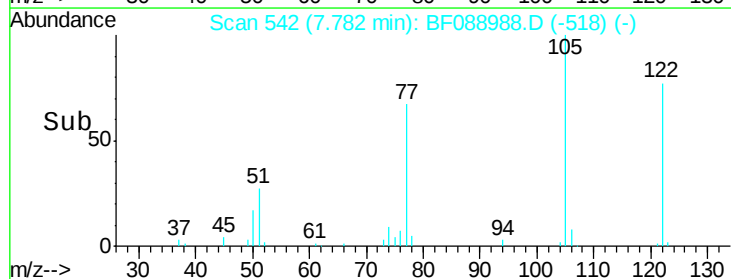
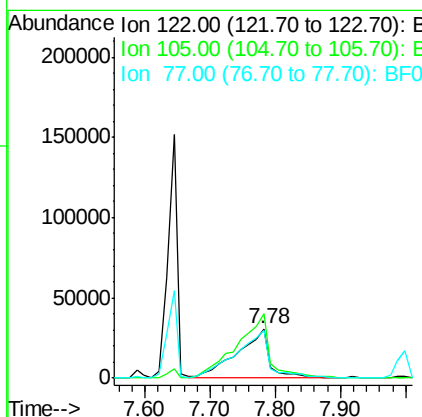
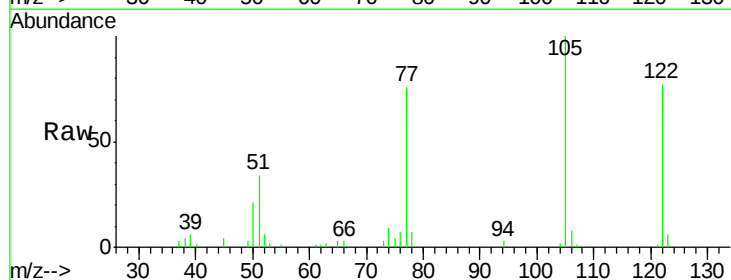
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 509344
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 37.10 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:122 Resp: 104536
Ion Ratio Lower Upper
122 100
105 129.8 101.6 141.6
77 98.2 70.6 110.6

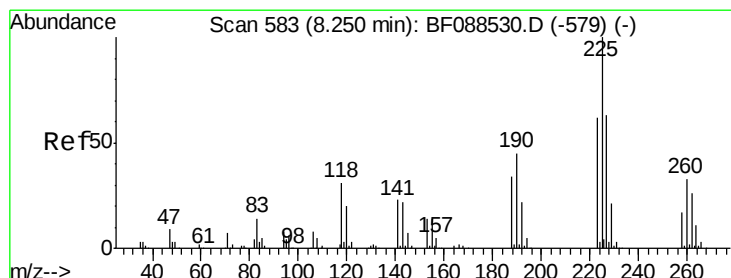
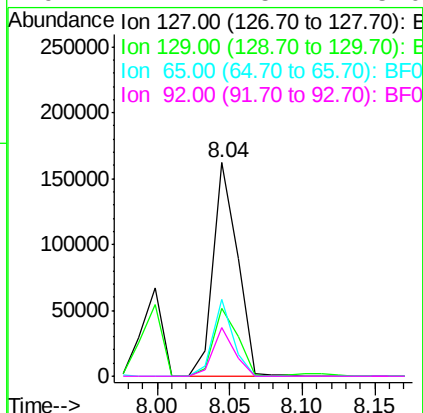
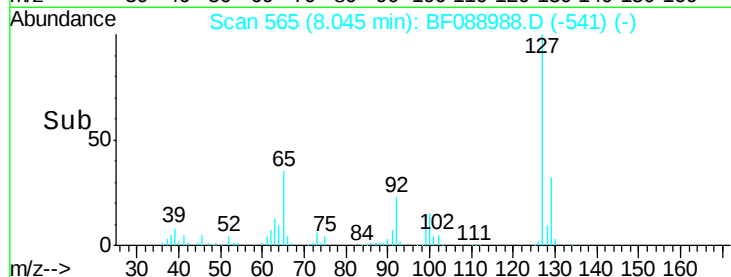
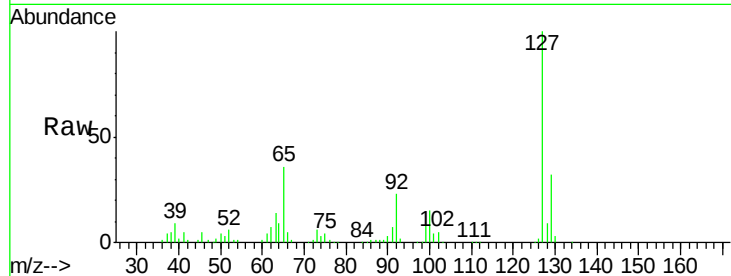




#33
4-Chloroaniline
Concen: 36.42 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

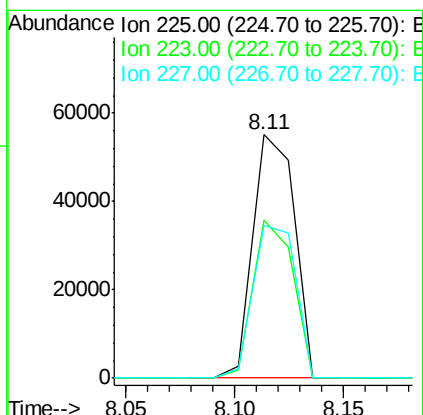
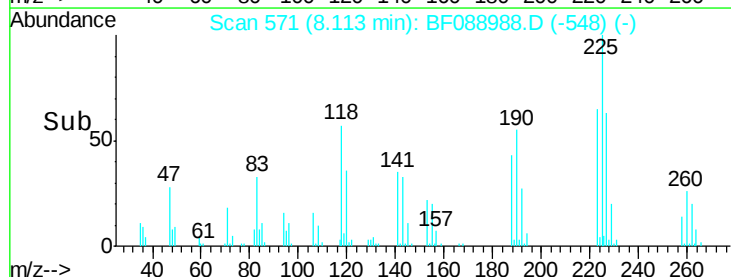
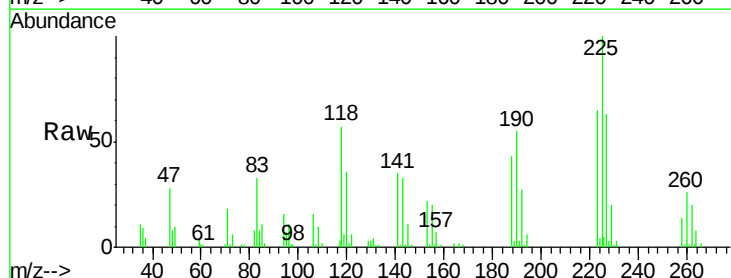
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	188681
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	35.7	24.7	37.1
92	22.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.88 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:	225	Resp:	73516
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.9	76.3
227	62.5	51.9	77.9

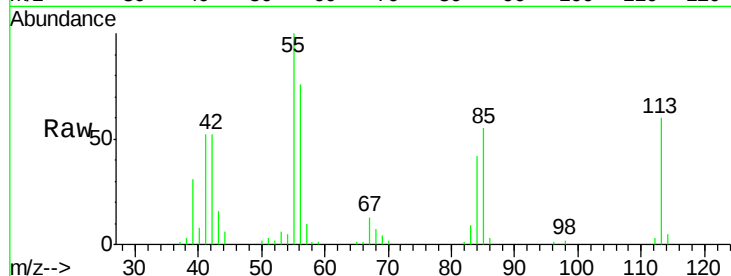




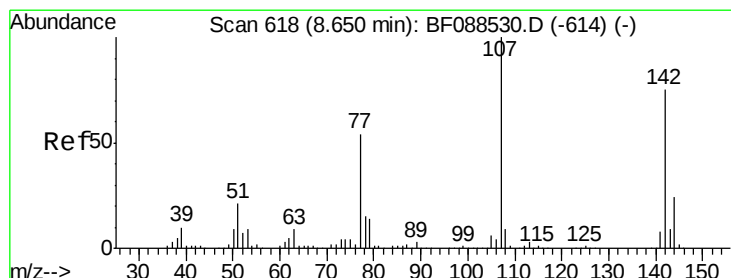
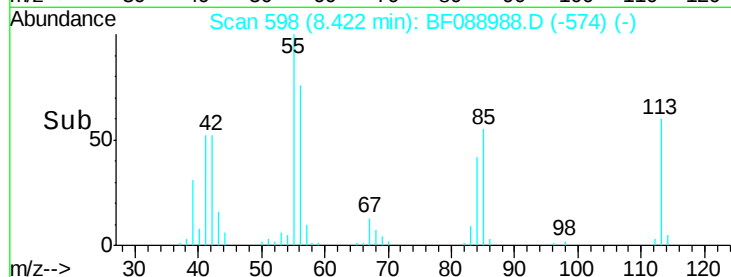
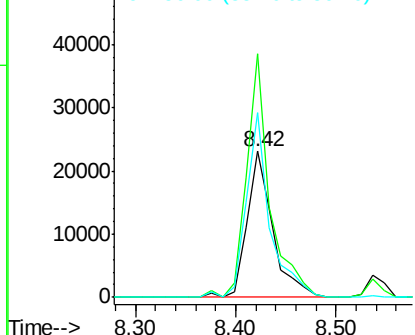
#35
 Caprolactam
 Concen: 37.95 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 40427
 Ion Ratio Lower Upper
 113 100
 55 167.0 158.6 198.6
 56 126.4 110.6 150.6

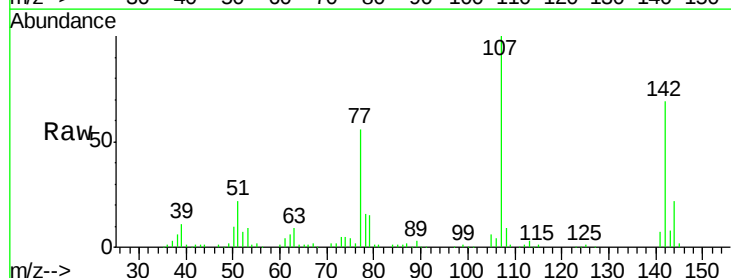


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

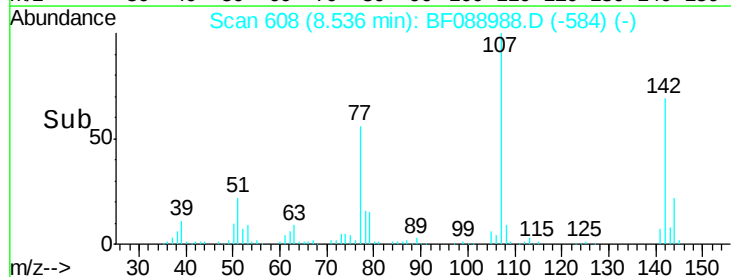
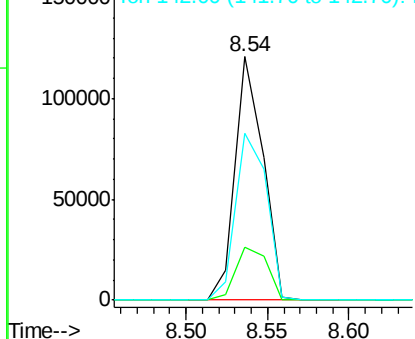


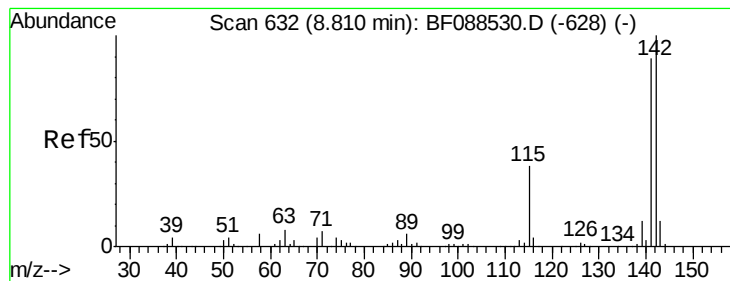
#36
 4-Chloro-3-methylphenol
 Concen: 38.41 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:107 Resp: 142491
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.8 31.2
 142 68.7 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

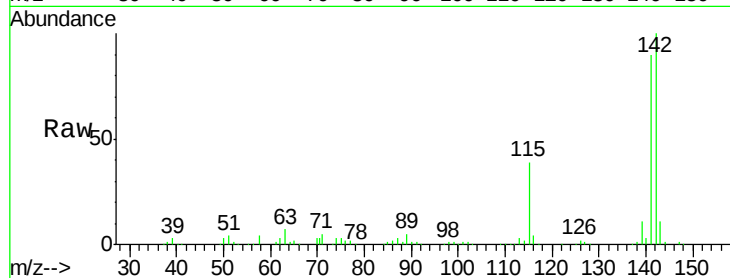




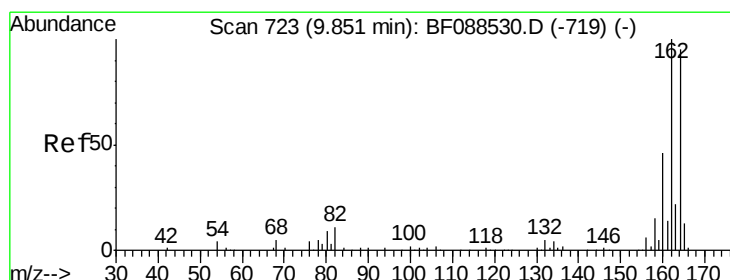
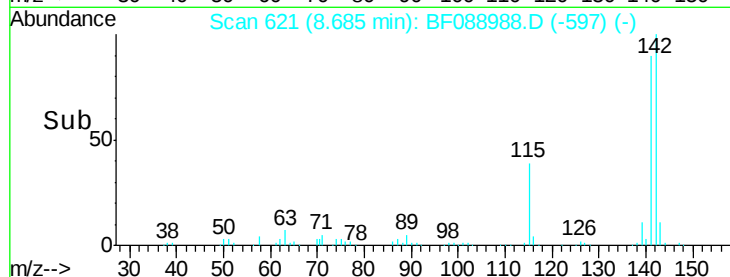
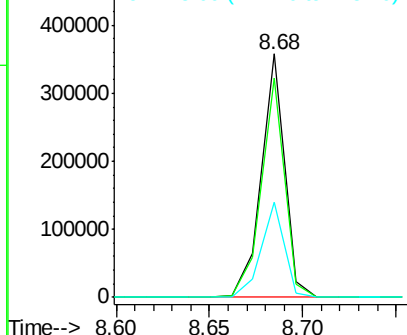
#37
 2-Methylnaphthalene
 Concen: 40.85 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 306280
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 38.8 22.6 33.8#

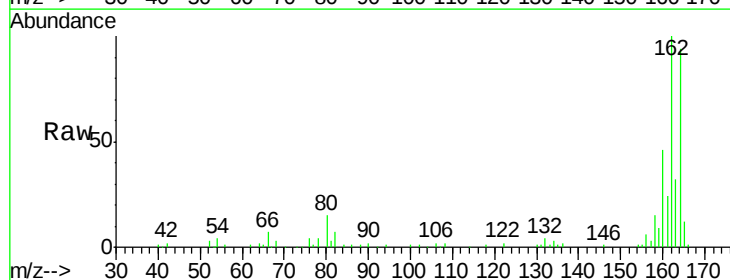


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

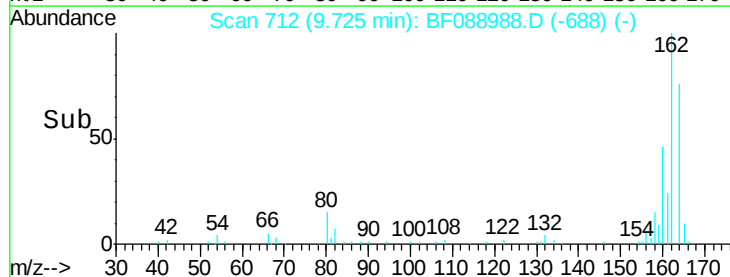
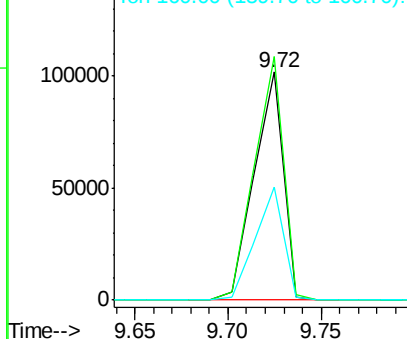


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:164 Resp: 109267
 Ion Ratio Lower Upper
 164 100
 162 106.7 85.4 128.2
 160 49.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.00 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 174460

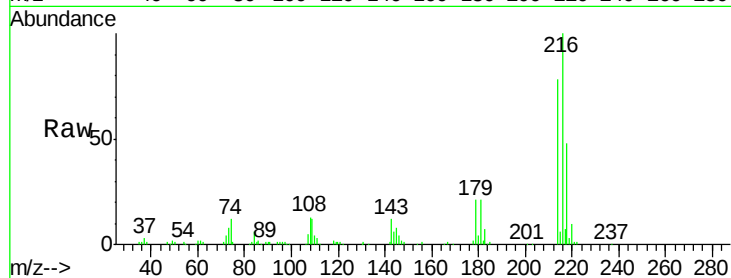
Ion Ratio Lower Upper

216 100

214 78.3 2.9 4.3#

179 22.7 0.0 0.0#

108 19.0 0.5 0.7#

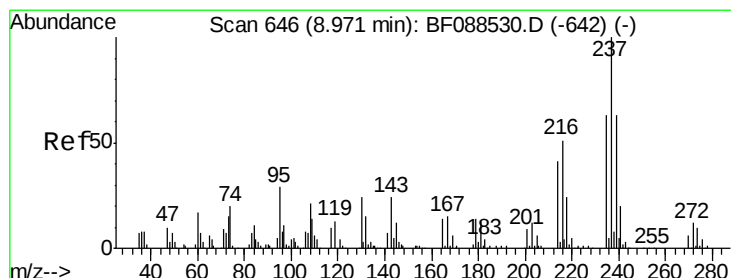
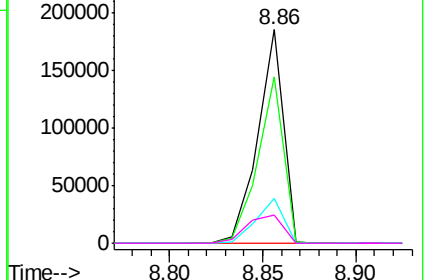
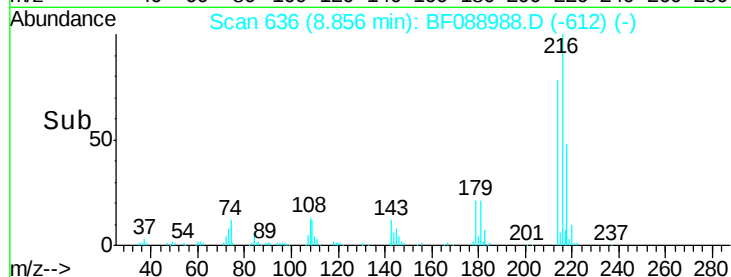


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.15 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

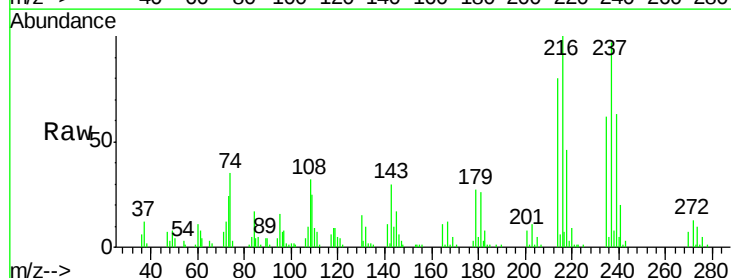
Tgt Ion:237 Resp: 57345

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

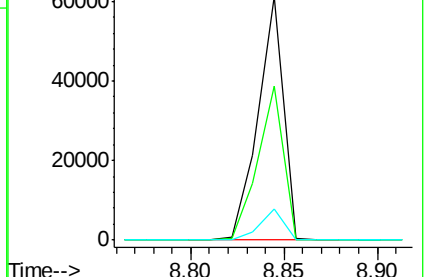
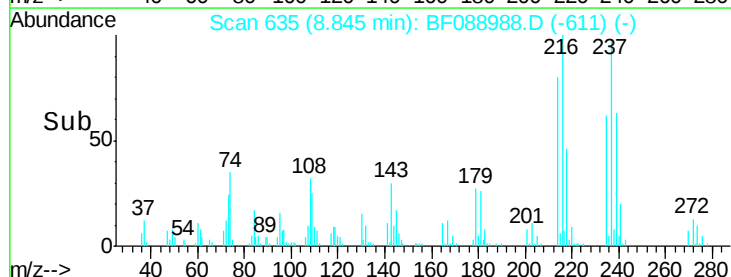
272 12.9 0.0 32.3



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

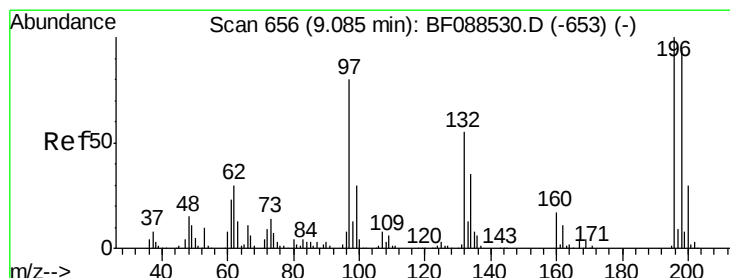
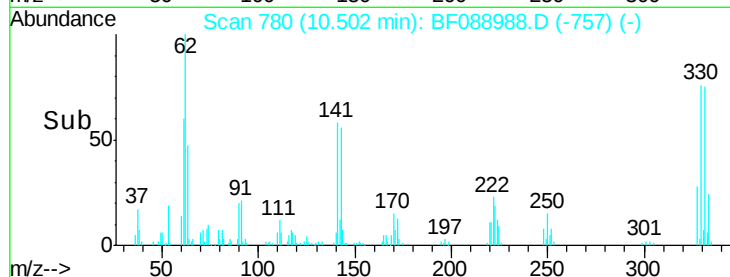
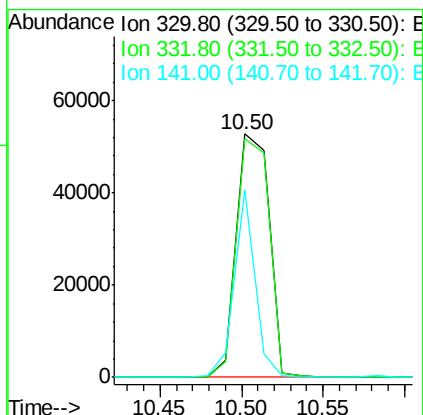
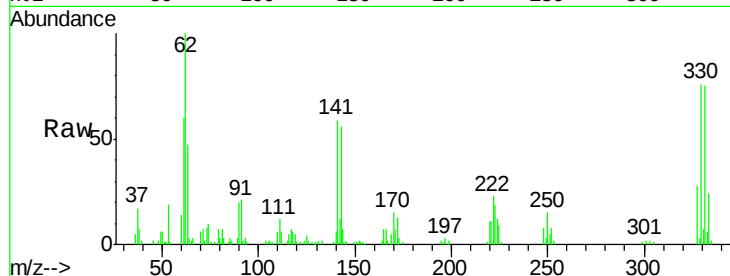




#41
 2,4,6-Tribromophenol
 Concen: 72.30 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

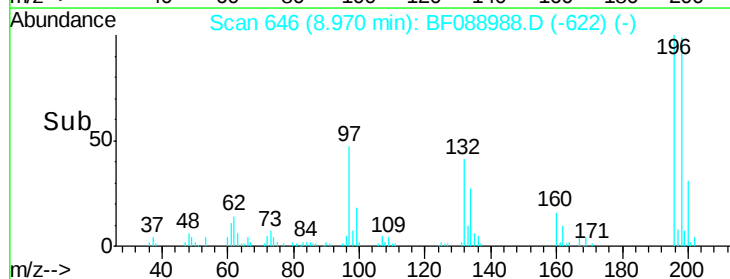
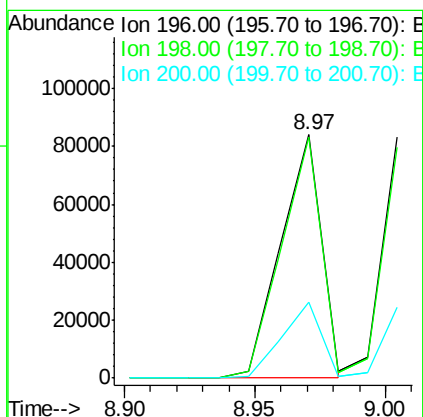
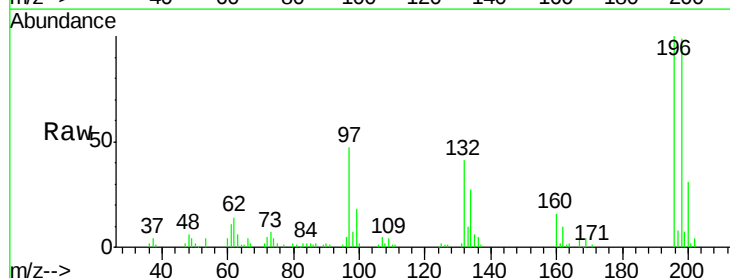
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 73356
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 48.4 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 37.73 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:196 Resp: 90404
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.0 117.0
 200 31.0 25.4 38.2

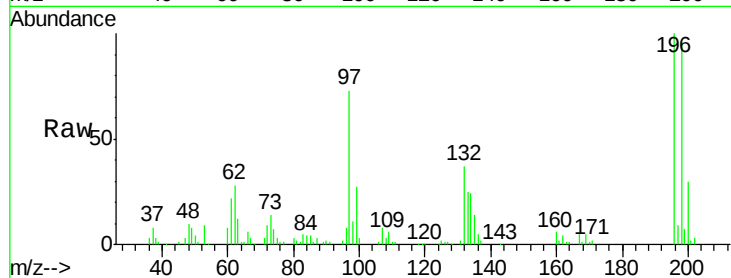




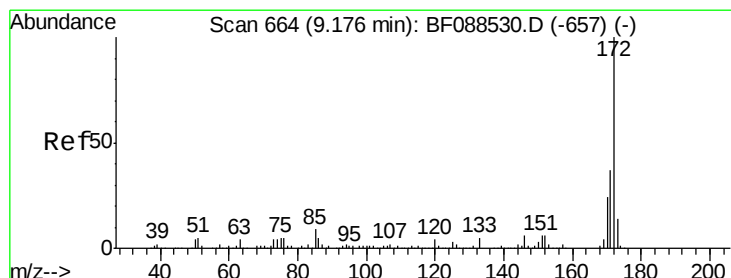
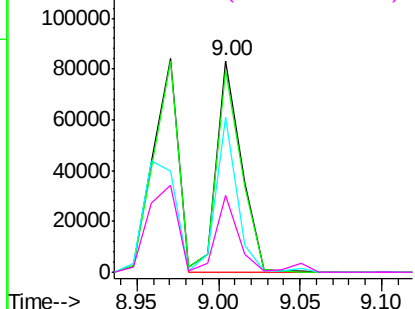
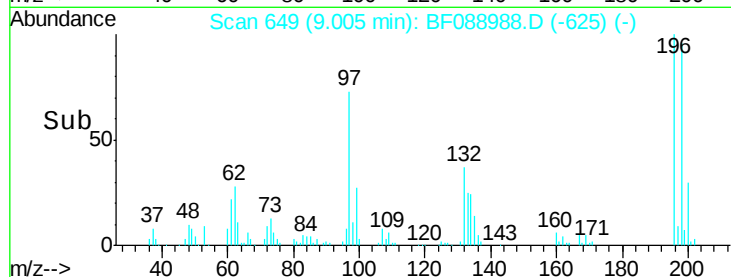
#43
 2,4,5-Trichlorophenol
 Concen: 42.47 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 87547
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.5 116.3
 97 73.2 32.0 48.0#
 132 36.6 20.9 31.3#

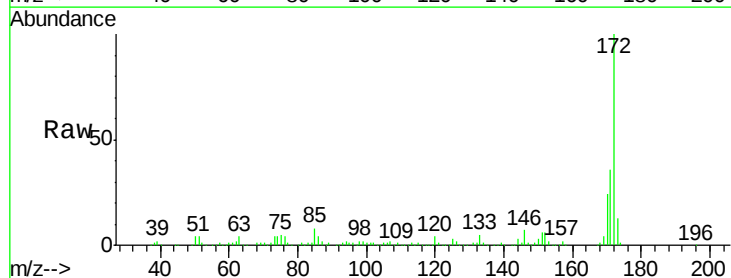


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

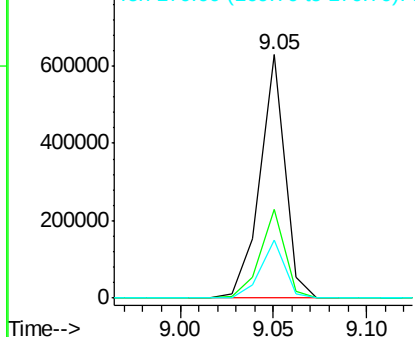
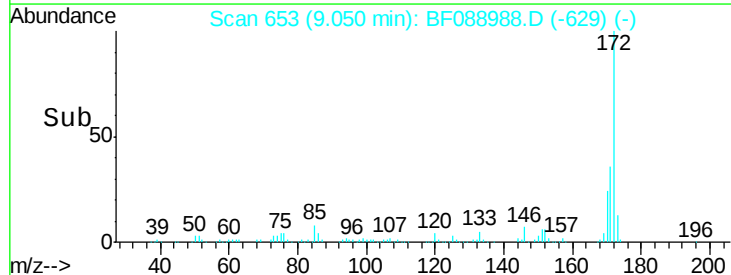


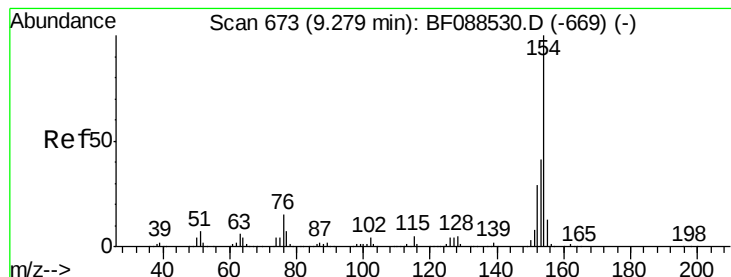
#44
 2-Fluorobiphenyl
 Concen: 83.96 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:172 Resp: 580789
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.7 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: 45.42 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

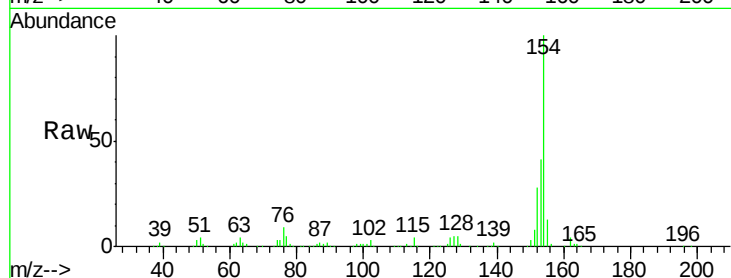
Tgt Ion:154 Resp: 411001

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

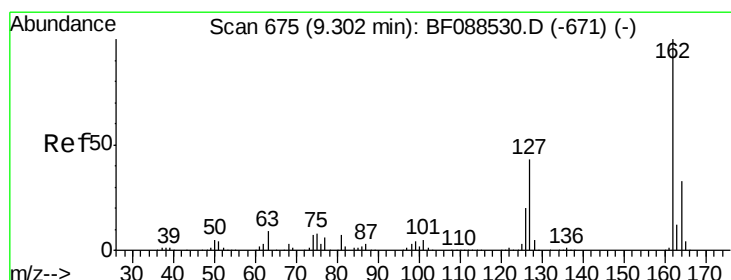
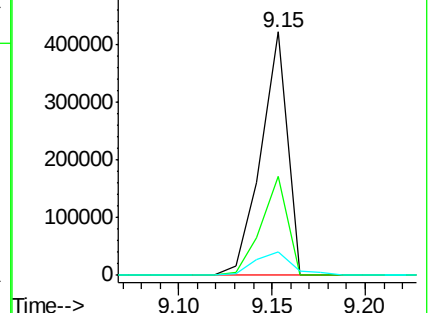
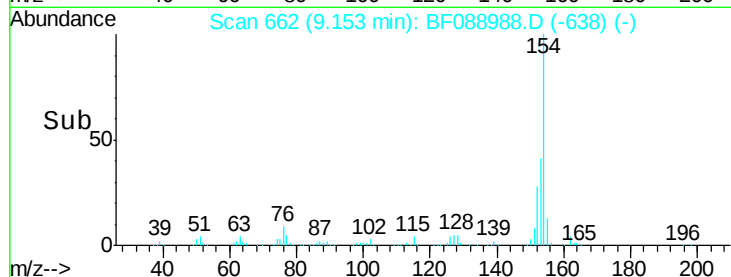
76 9.5 0.0 35.1



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: 41.37 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

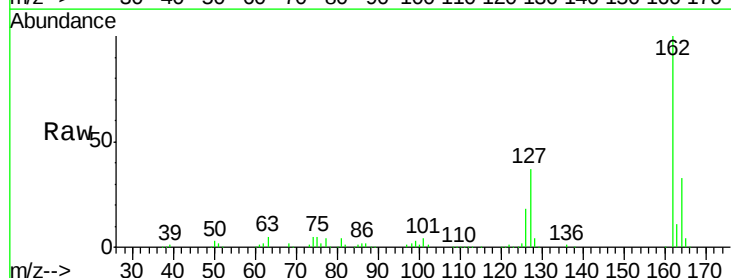
Tgt Ion:162 Resp: 293865

Ion Ratio Lower Upper

162 100

127 37.2 35.2 52.8

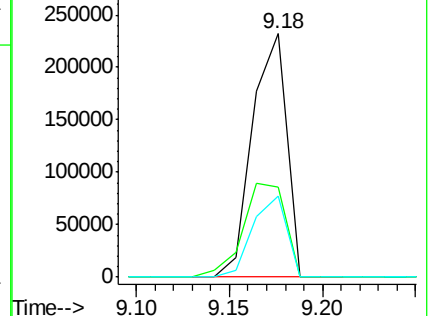
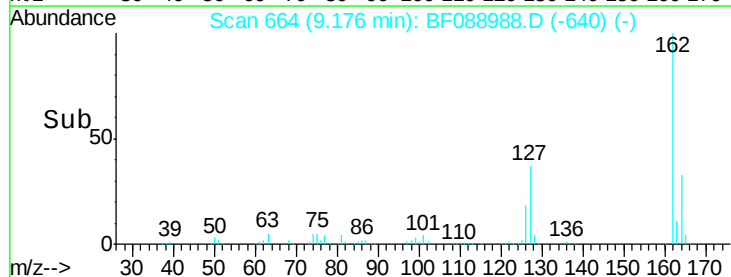
164 33.1 26.6 39.8



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

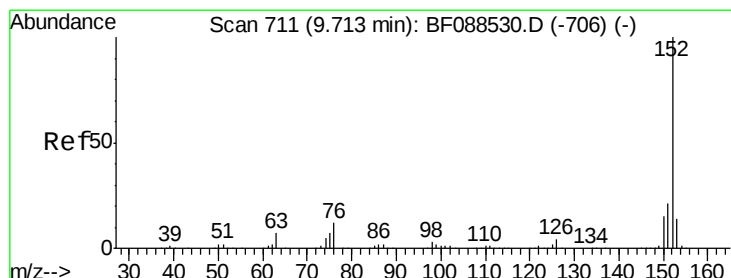
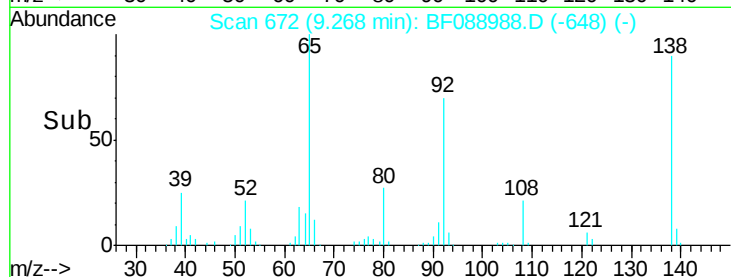
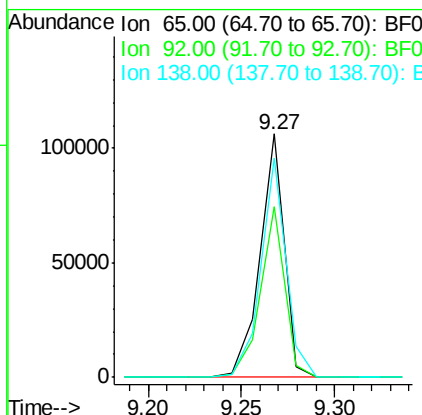
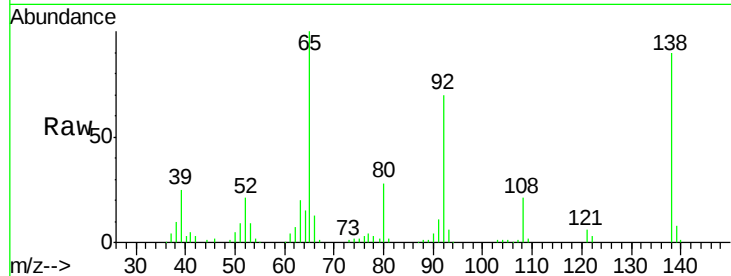




#47
 2-Nitroaniline
 Concen: 37.67 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

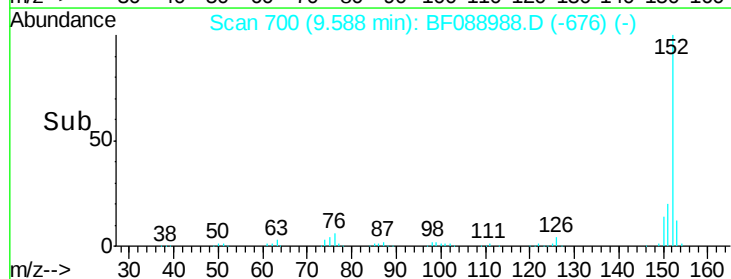
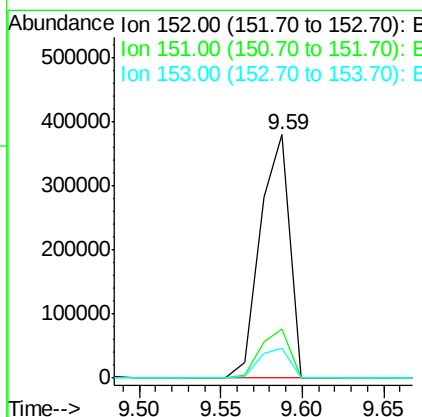
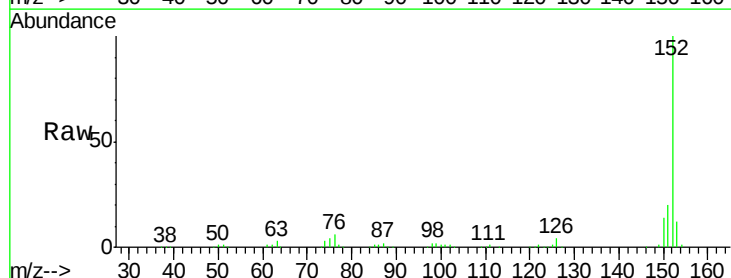
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

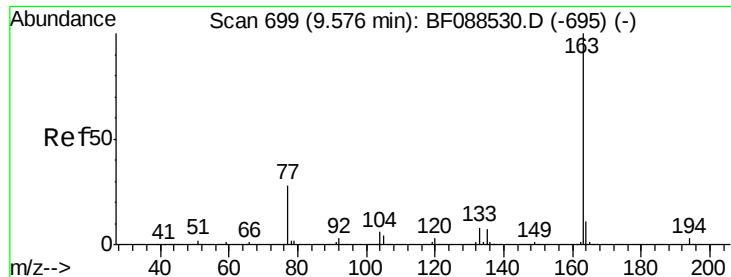
Tgt Ion:	65	Resp:	94963
Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.6	82.0
138	89.9	77.0	115.4



#48
 Acenaphthylene
 Concen: 41.84 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:	152	Resp:	472906
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.4	11.0	16.6

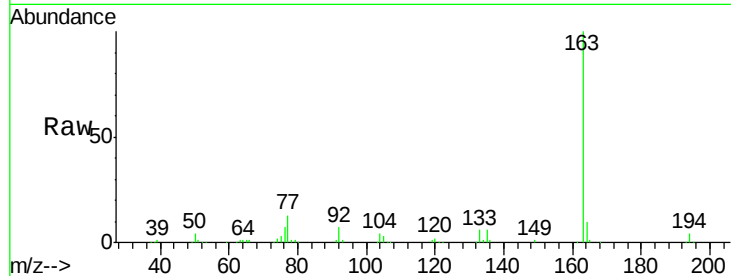




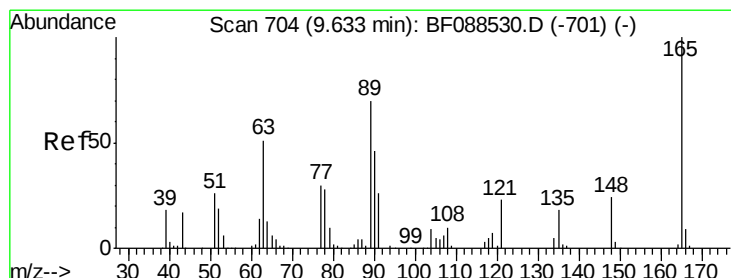
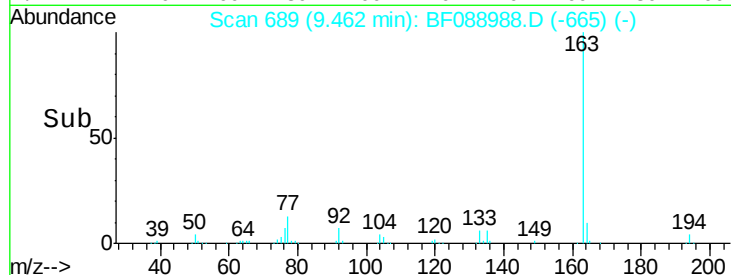
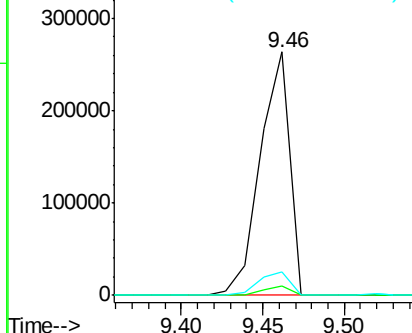
#49
Dimethylphthalate
Concen: 42.45 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 330492
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.6 8.3 12.5

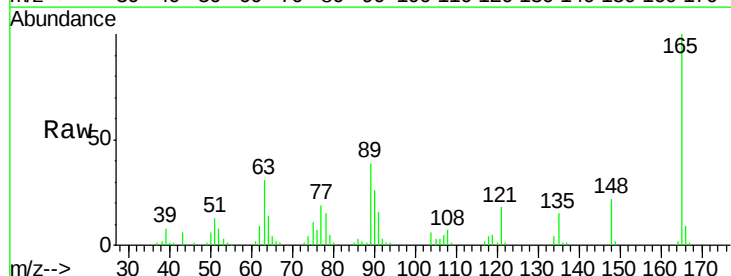


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

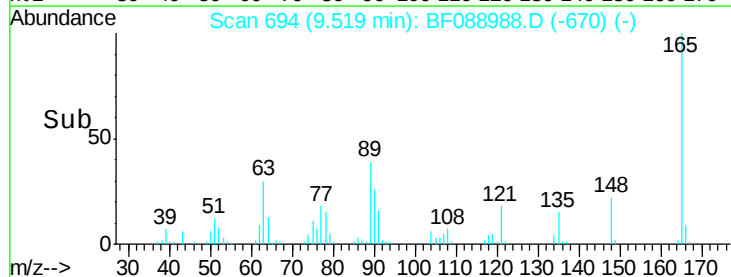
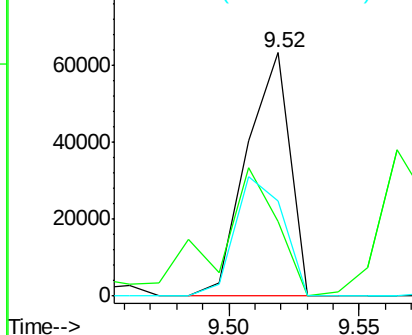


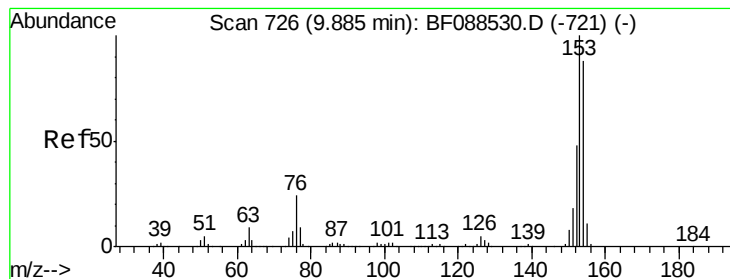
#50
2,6-Dinitrotoluene
Concen: 42.61 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:165 Resp: 73510
Ion Ratio Lower Upper
165 100
63 30.8 28.1 42.1
89 39.0 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: 44.19 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

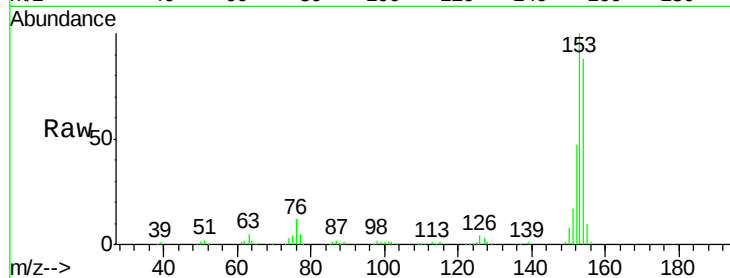
Tgt Ion:154 Resp: 306134

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

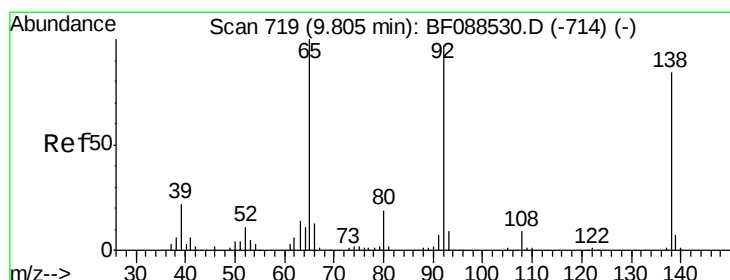
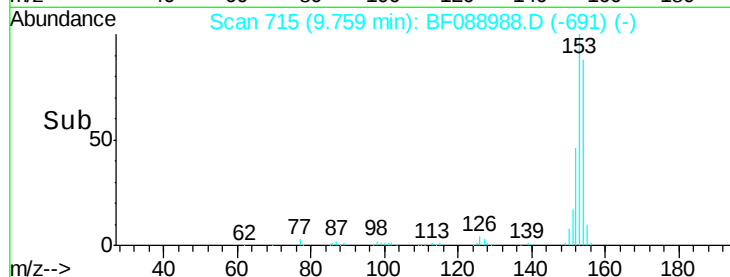
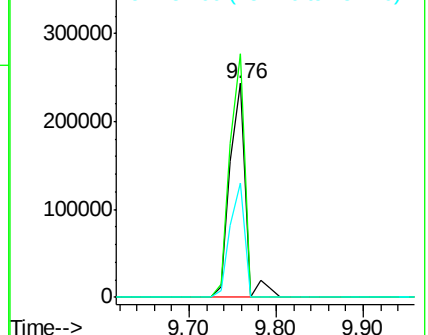
152 53.5 42.7 64.1



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: 35.96 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

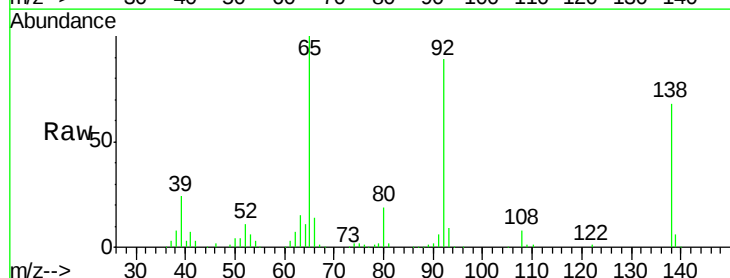
Tgt Ion:138 Resp: 78870

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

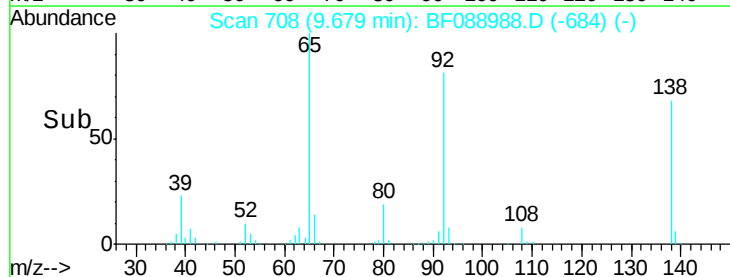
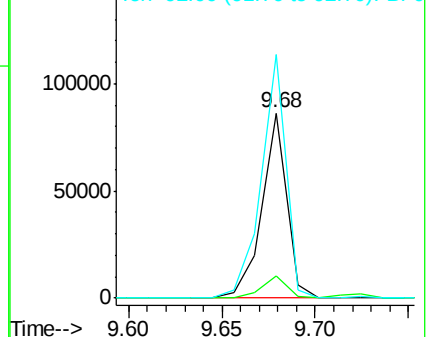
92 131.7 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

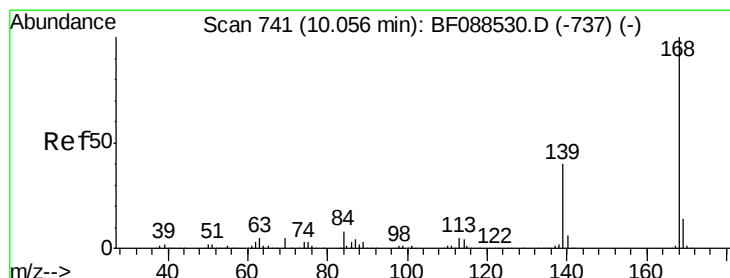
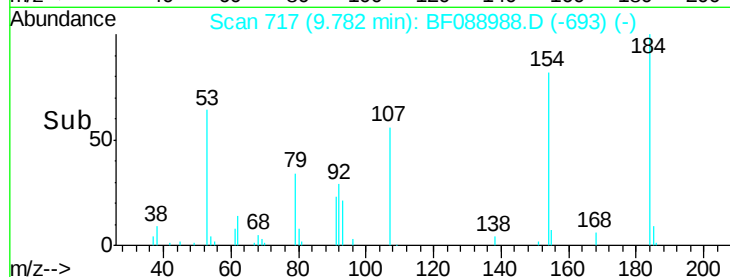
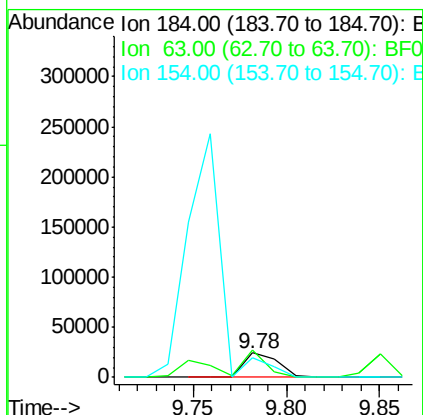
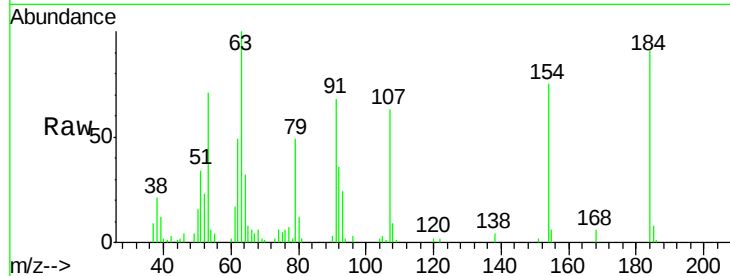




#53
2,4-Dinitrophenol
Concen: 40.98 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

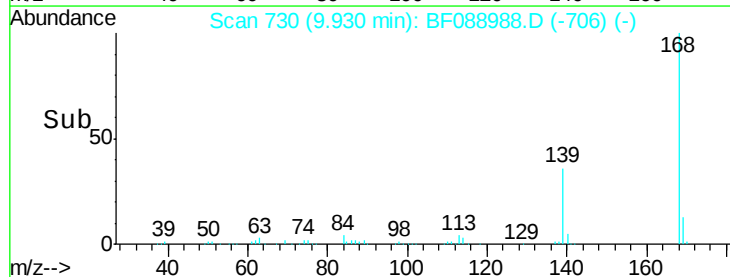
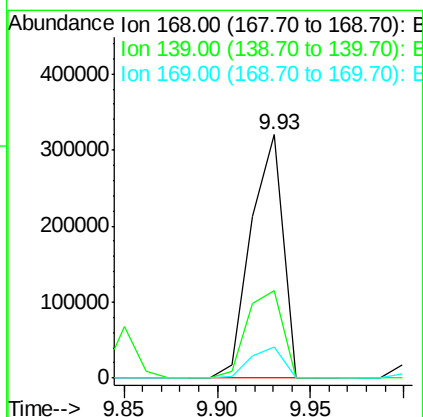
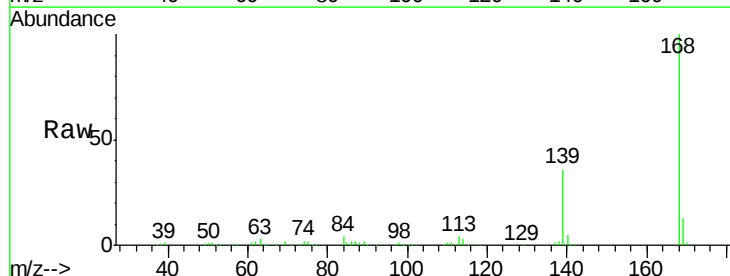
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

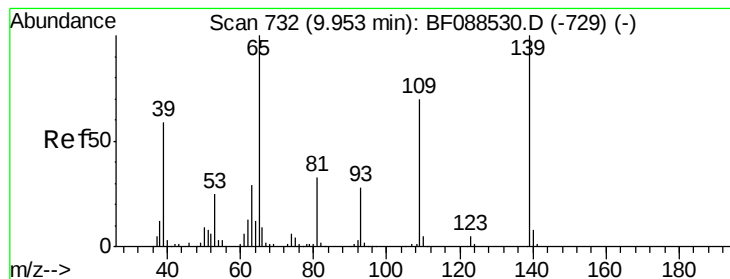
Tgt Ion:184 Resp: 31215
Ion Ratio Lower Upper
184 100
63 109.5 57.6 86.4#
154 81.8 53.5 80.3#



#54
Dibenzofuran
Concen: 41.67 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:168 Resp: 377853
Ion Ratio Lower Upper
168 100
139 36.1 26.4 39.6
169 12.7 10.4 15.6





#55

4-Nitrophenol

Concen: 35.19 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

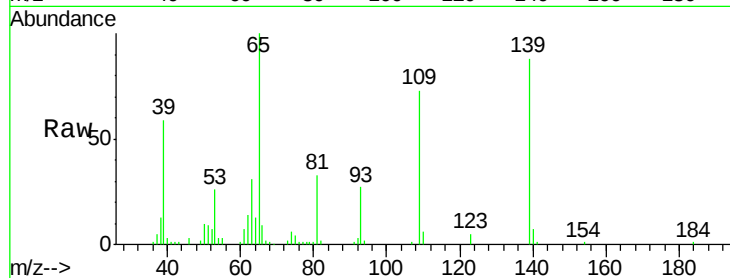
Tgt Ion:139 Resp: 58647

Ion Ratio Lower Upper

139 100

109 83.7 48.9 88.9

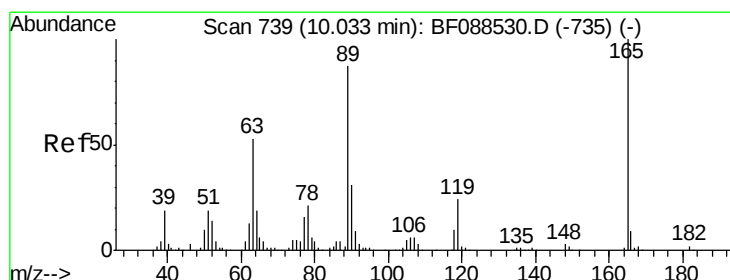
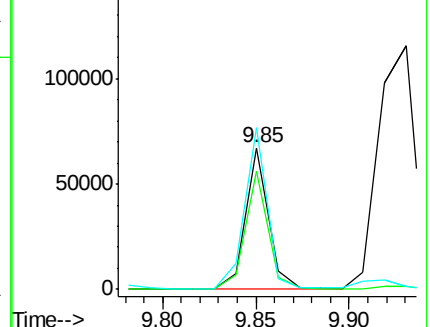
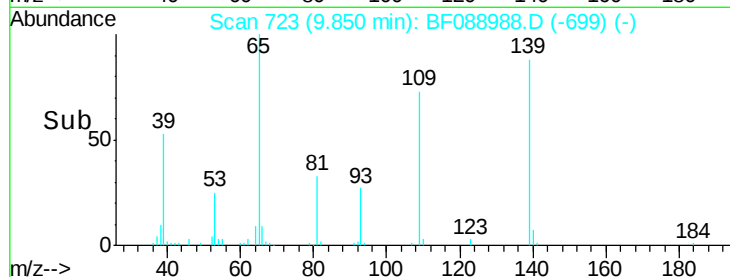
65 114.1 84.9 124.9



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: 46.30 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:165 Resp: 104433

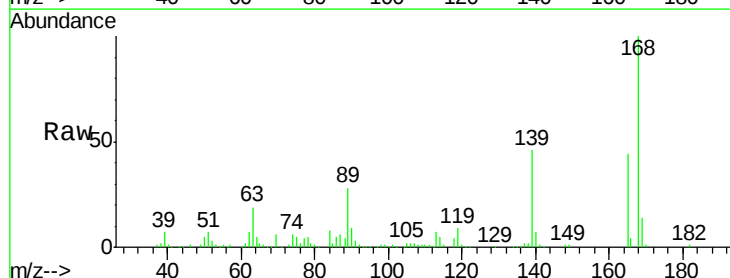
Ion Ratio Lower Upper

165 100

63 42.8 22.0 33.0#

89 62.3 41.1 61.7#

182 2.6 2.0 3.0

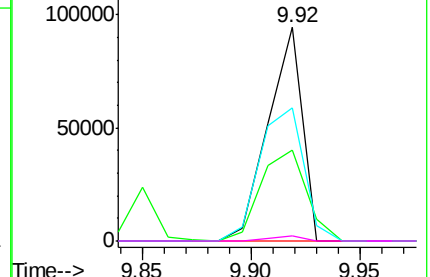
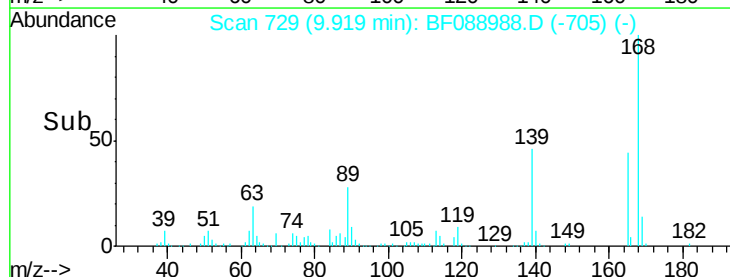


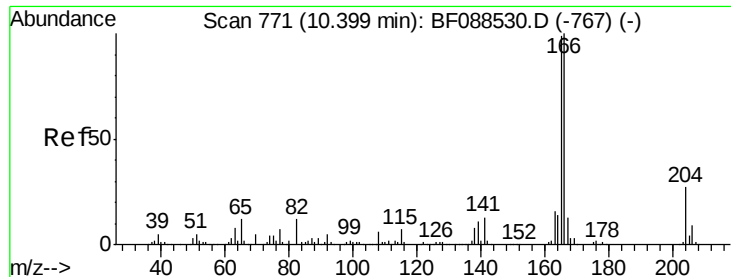
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.16 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

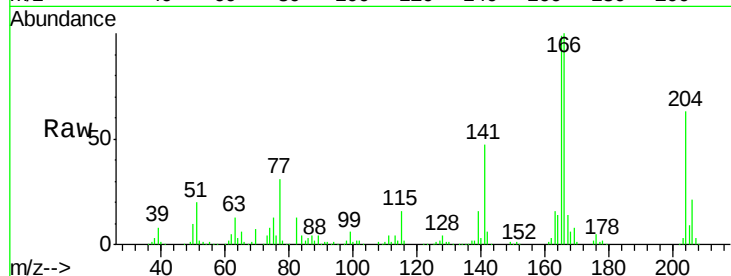
Tgt Ion:166 Resp: 280608

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

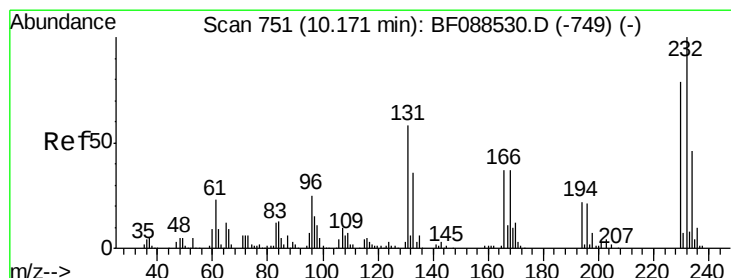
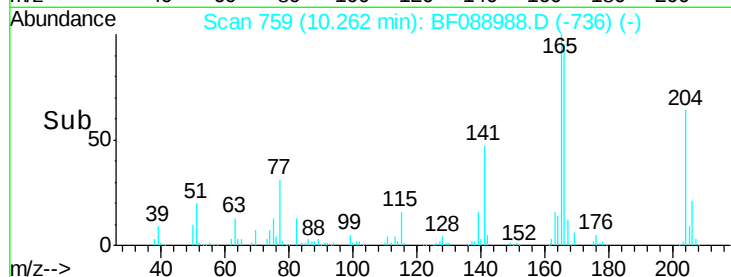
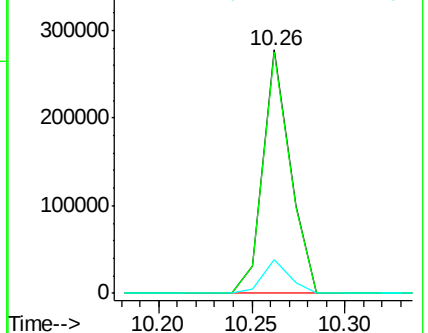
167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.87 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:232 Resp: 63596

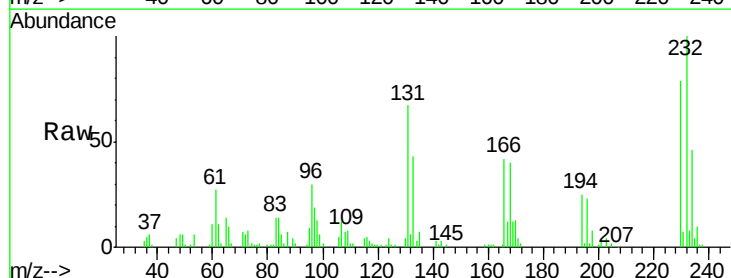
Ion Ratio Lower Upper

232 100

131 61.7 0.9 1.3#

130 2.7 1.5 2.3#

166 38.9 0.5 0.7#

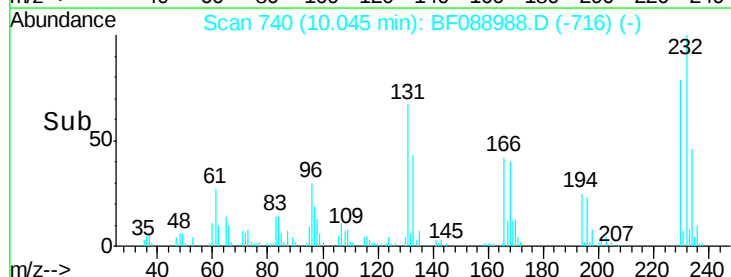
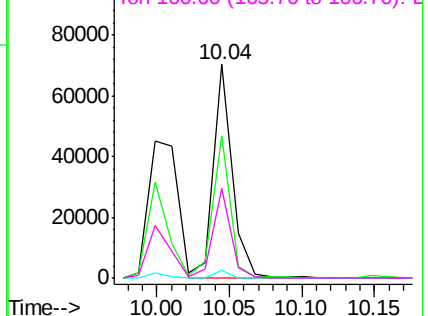


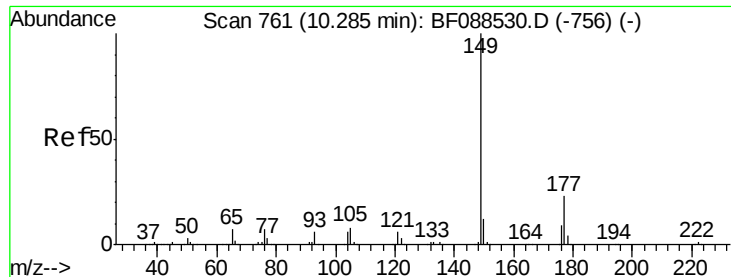
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

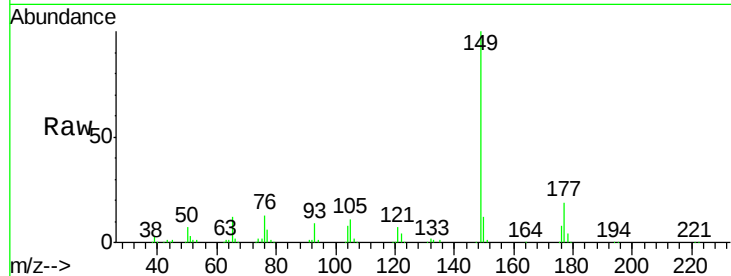




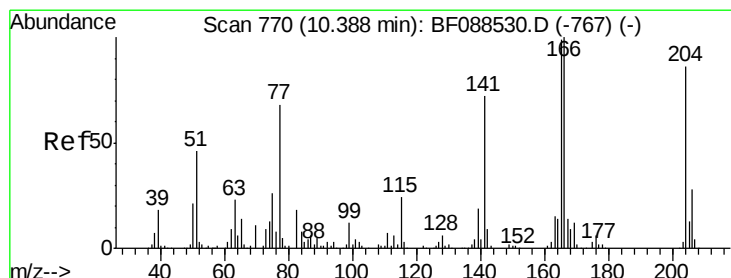
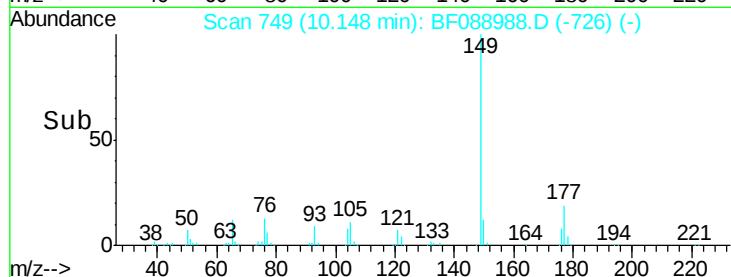
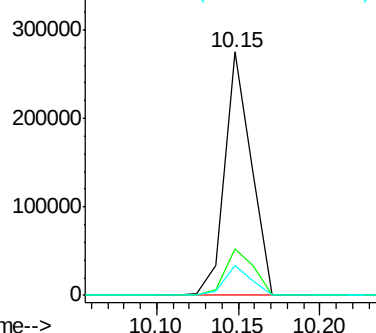
#59
Diethylphthalate
Concen: 39.59 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 309305
Ion Ratio Lower Upper
149 100
177 19.1 16.9 25.3
150 12.5 10.1 15.1

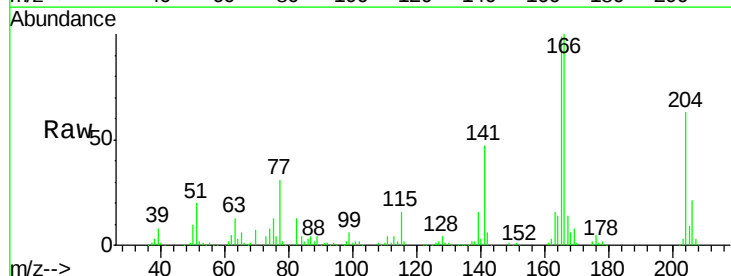


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

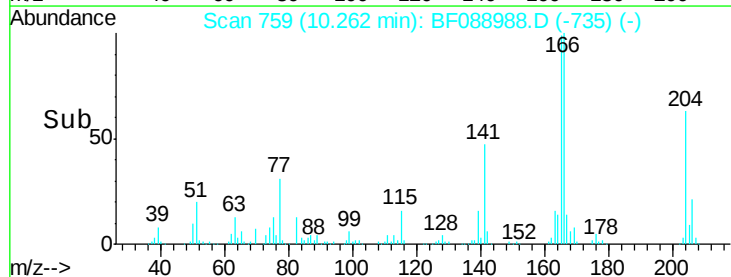
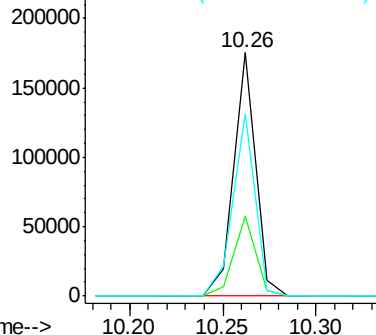


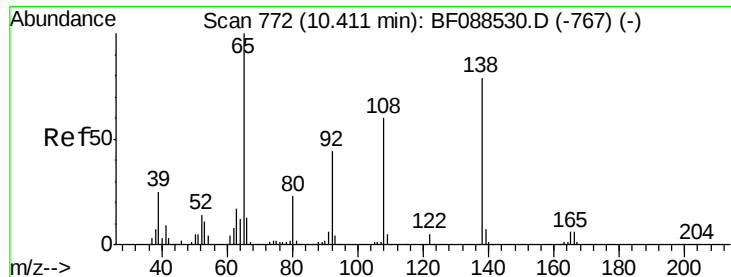
#60
4-Chlorophenyl-phenylether
Concen: 43.70 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:204 Resp: 141896
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 74.7 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

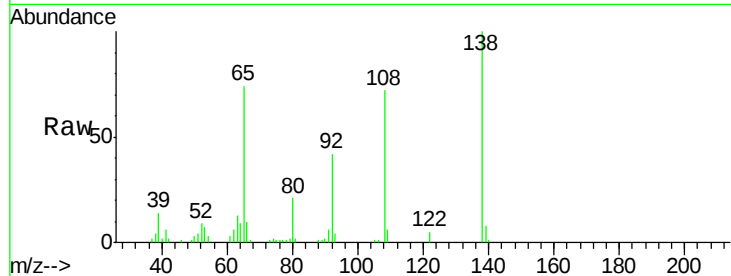




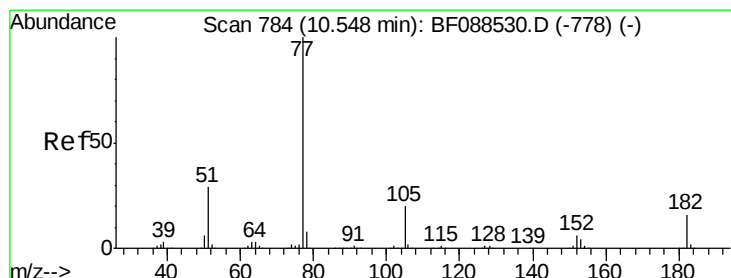
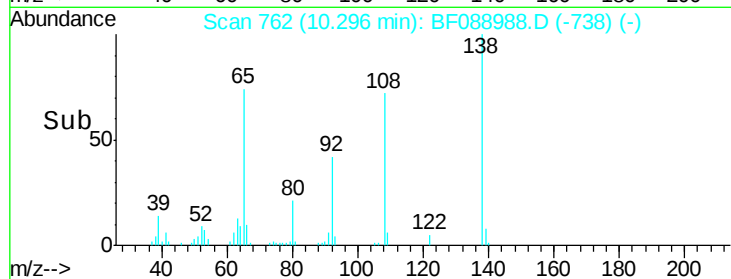
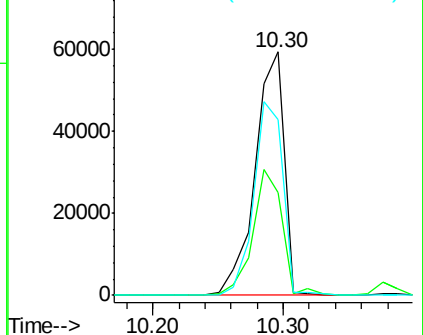
#61
4-Nitroaniline
Concen: 43.74 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 138 Resp: 92313
Ion Ratio Lower Upper
138 100
92 42.4 27.3 67.3
108 72.5 46.7 86.7



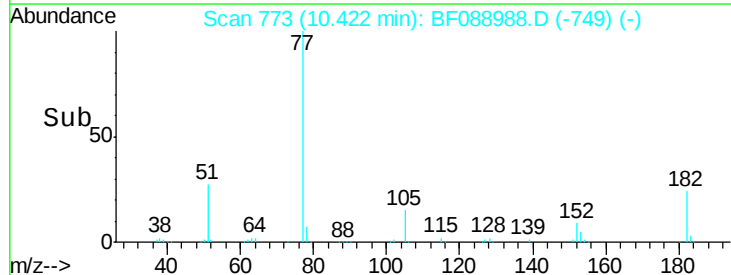
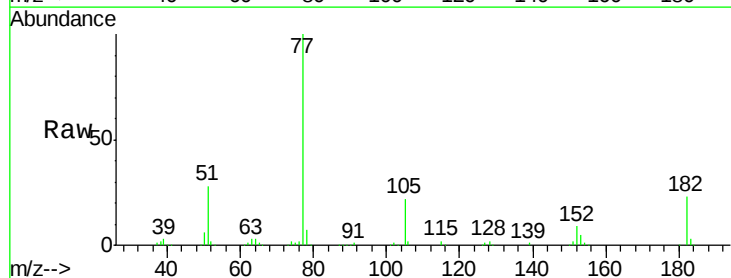
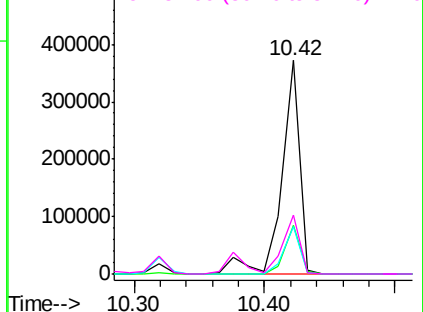
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

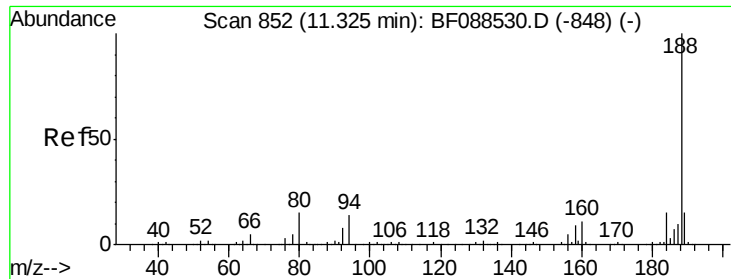


#62
Azobenzene
Concen: 40.86 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion: 77 Resp: 364147
Ion Ratio Lower Upper
77 100
182 22.9 4.4 44.4
105 22.3 3.8 43.8
51 27.7 9.3 49.3

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

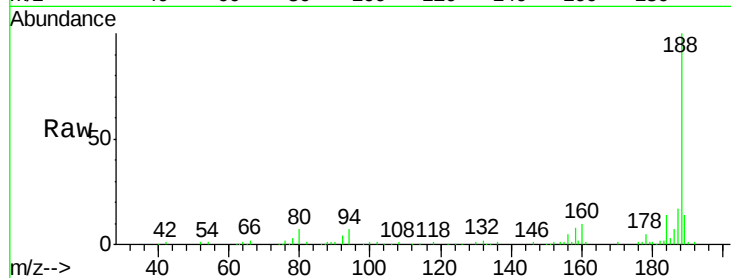




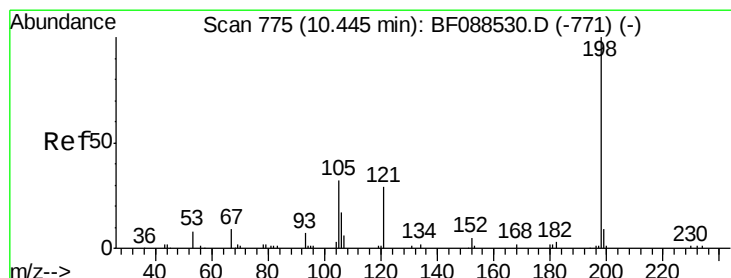
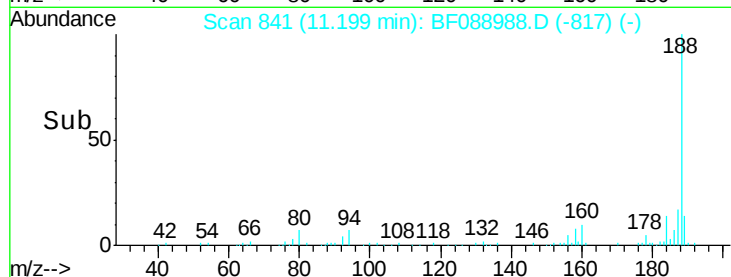
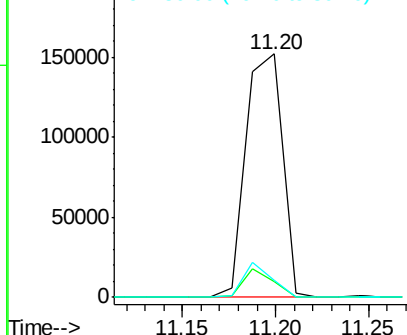
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 206724
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.6#
80 7.0 10.0 15.0#

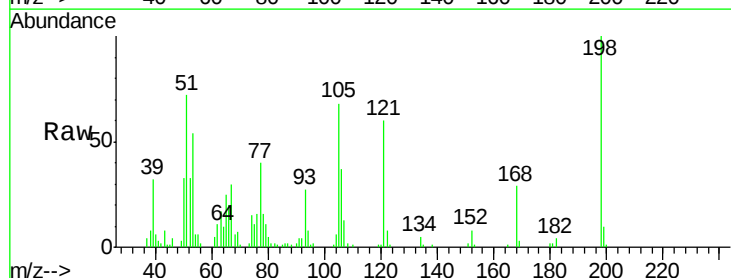


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

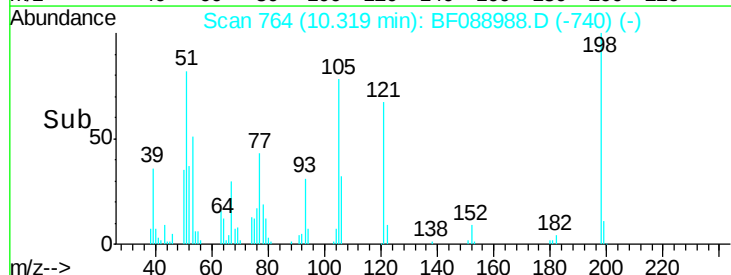
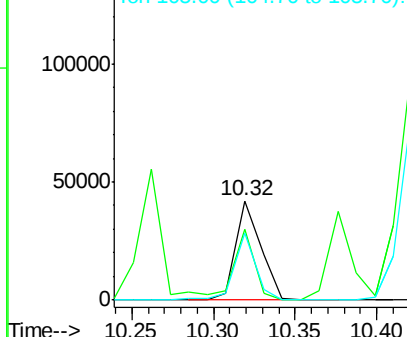


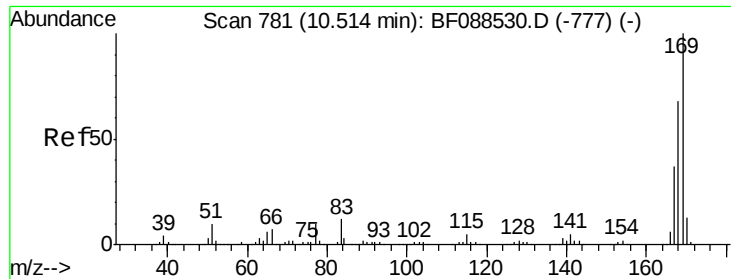
#64
4,6-Dinitro-2-methylphenol
Concen: 40.56 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:198 Resp: 44845
Ion Ratio Lower Upper
198 100
51 71.9 39.6 79.6
105 68.0 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

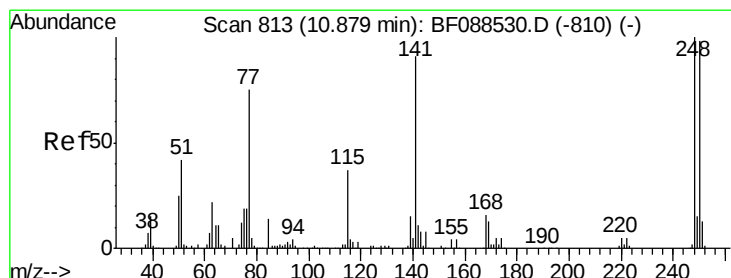
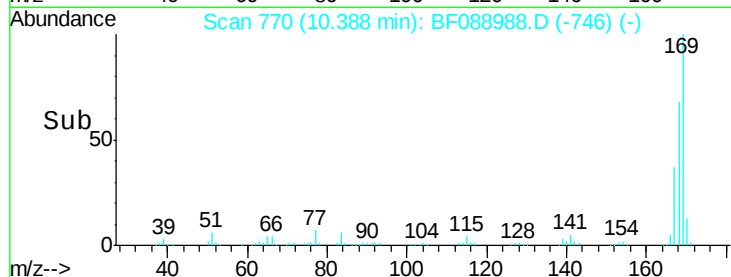
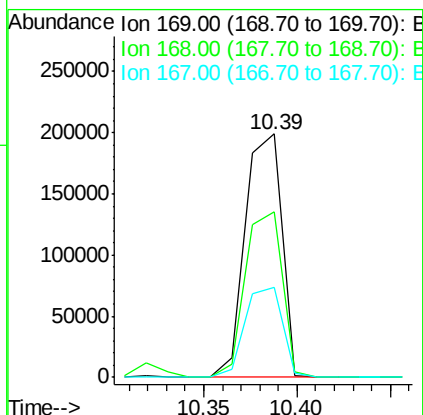
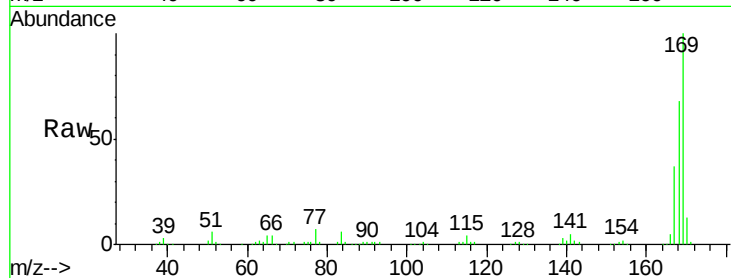




#65
 n-Nitrosodiphenylamine
 Concen: 39.28 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

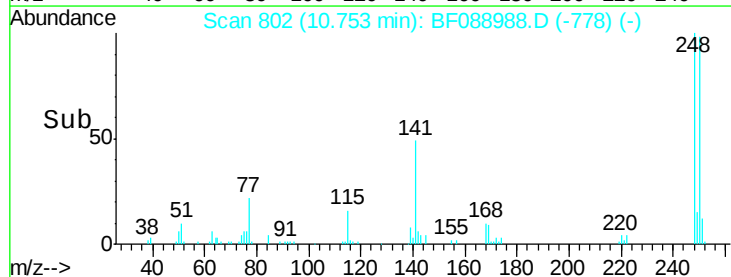
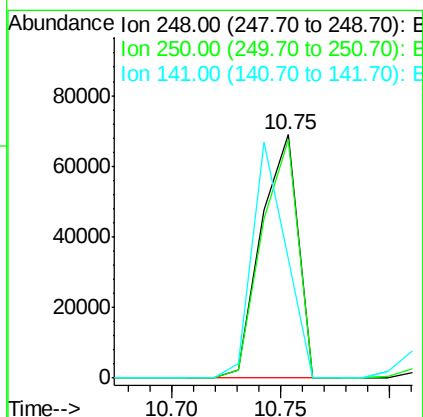
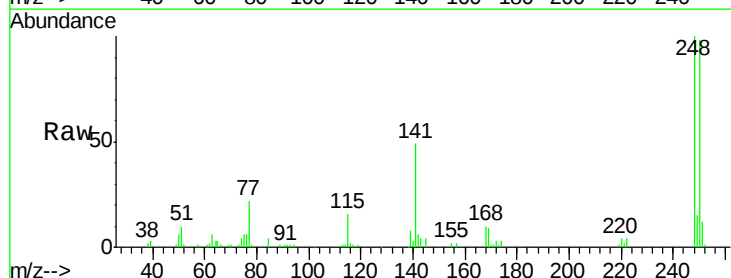
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 274801
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.4 80.0
 167 36.8 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.12 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:248 Resp: 81494
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.1 115.7
 141 49.3 50.6 76.0#

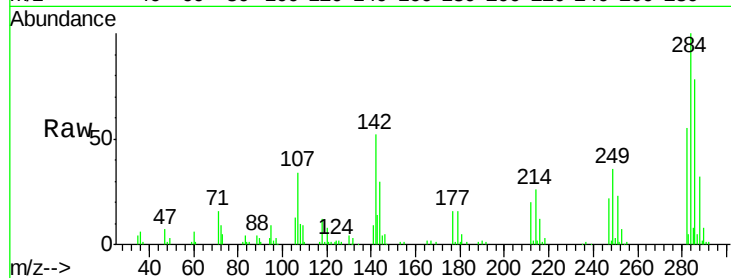




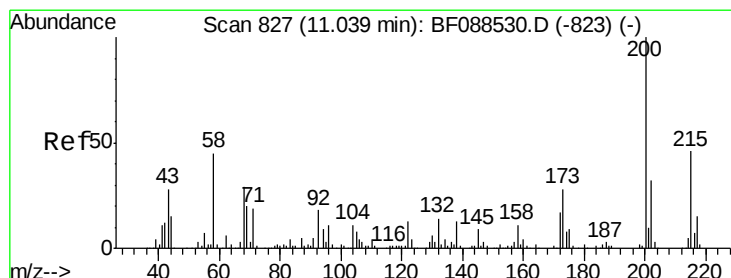
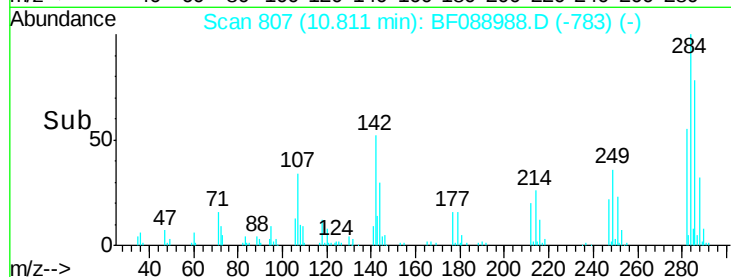
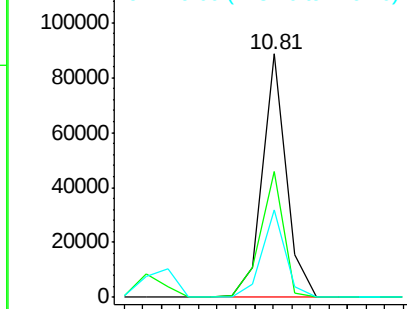
#67
Hexachlorobenzene
Concen: 34.31 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 79133
Ion Ratio Lower Upper
284 100
142 51.9 35.8 53.8
249 36.0 25.8 38.6

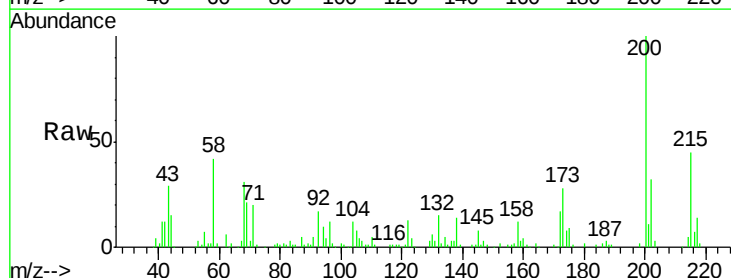


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

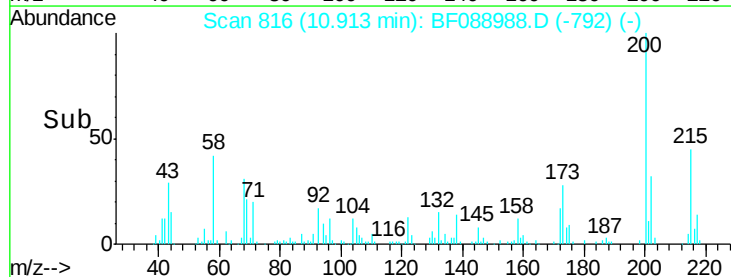
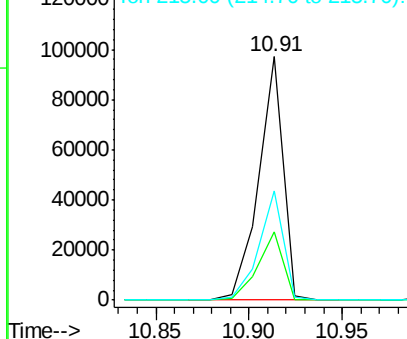


#68
Atrazine
Concen: 41.05 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:200 Resp: 89493
Ion Ratio Lower Upper
200 100
173 28.1 4.0 44.0
215 44.8 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

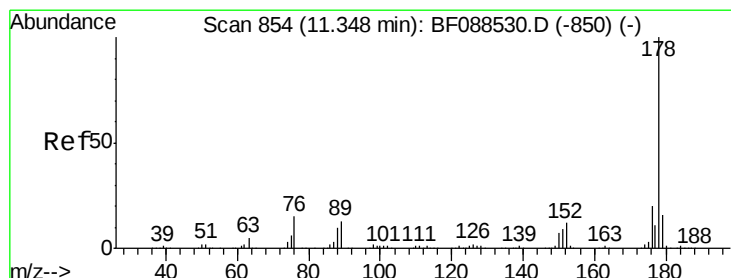
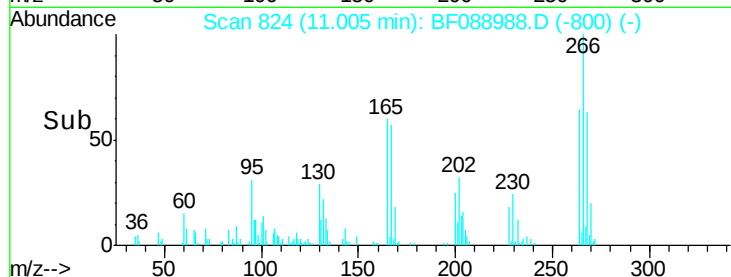
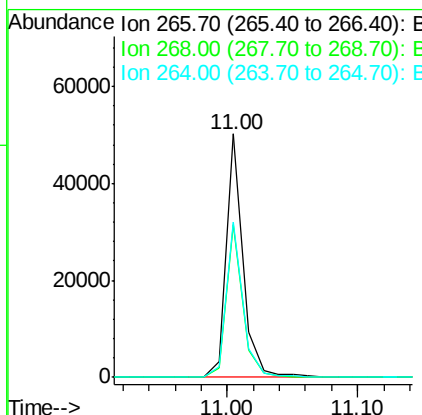
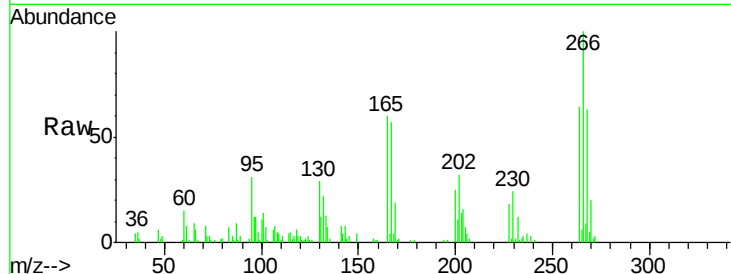




#69
 Pentachlorophenol
 Concen: 33.10 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

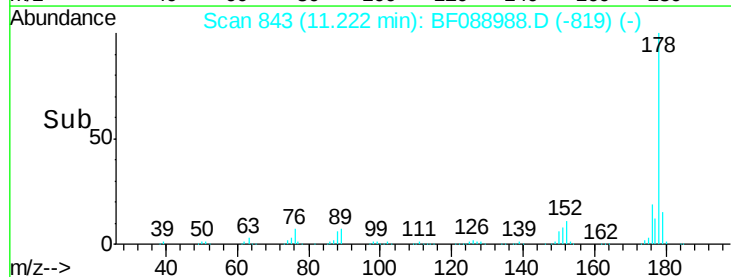
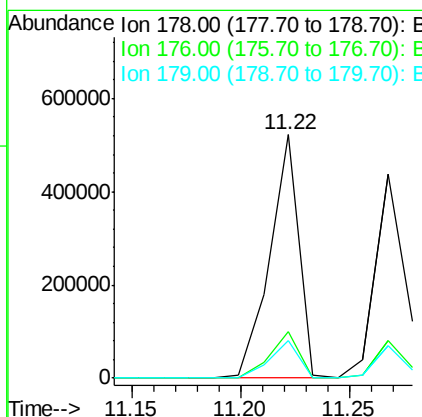
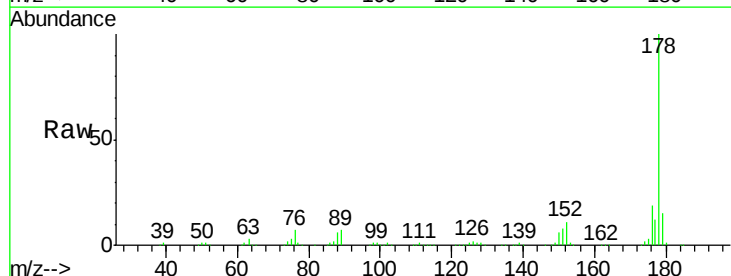
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

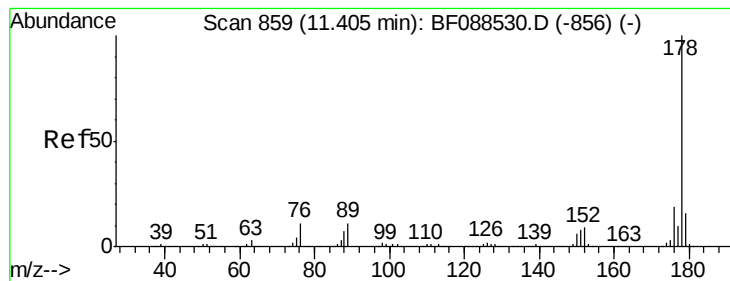
Tgt Ion:266 Resp: 45171
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.8 79.2
 264 63.6 49.6 74.4



#70
 Phenanthrene
 Concen: 43.39 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:178 Resp: 490336
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.3 13.0 19.4





#71

Anthracene

Concen: 36.73 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

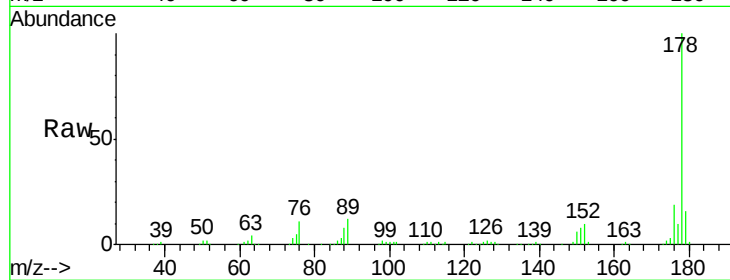
Tgt Ion:178 Resp: 412715

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

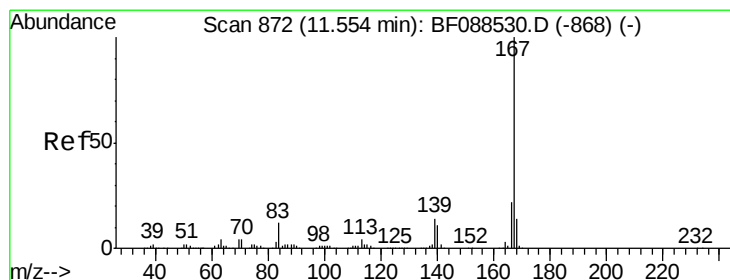
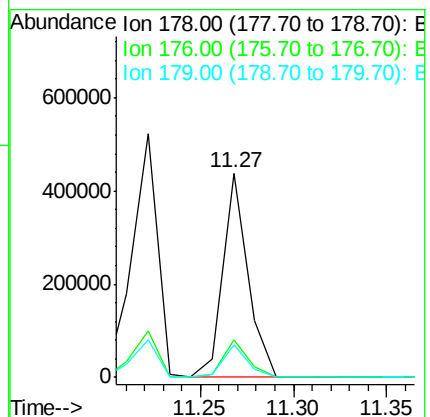
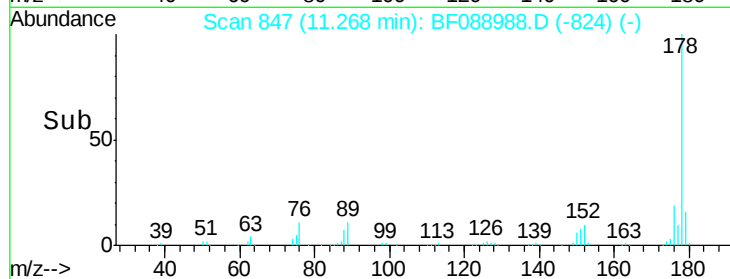
179 15.8 12.8 19.2



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: 41.27 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

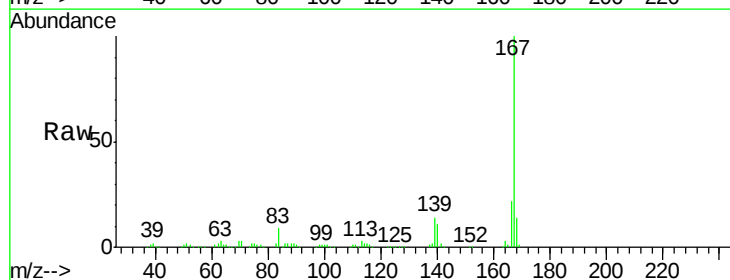
Tgt Ion:167 Resp: 436435

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

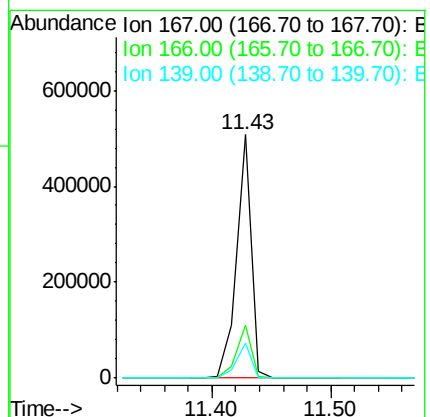
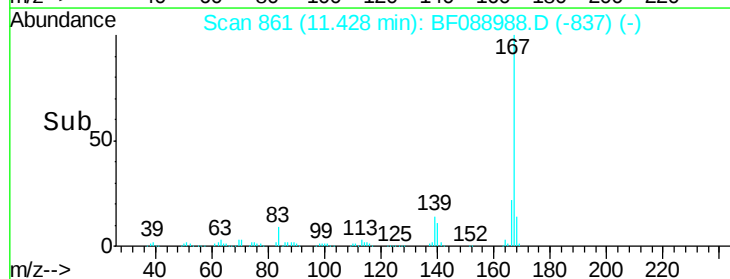
139 14.4 11.2 16.8

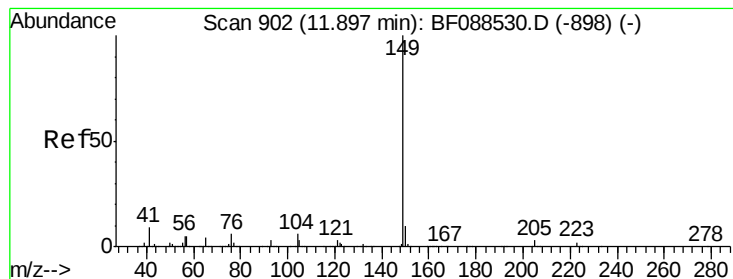


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.25 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

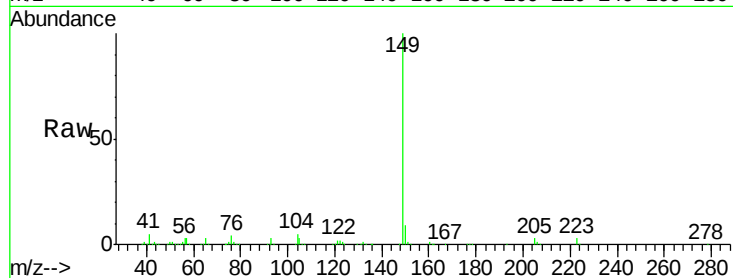
Tgt Ion:149 Resp: 532045

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

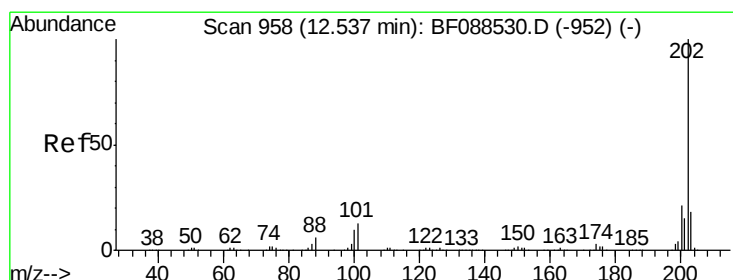
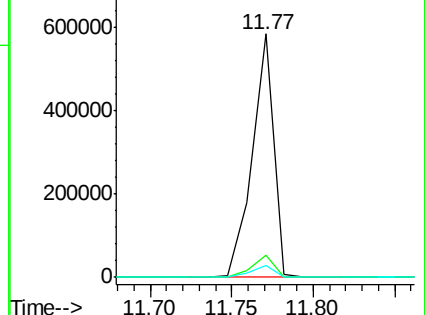
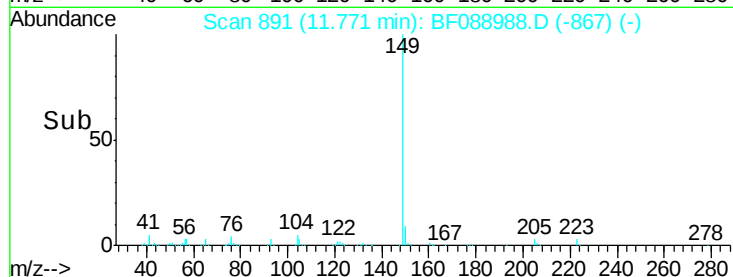
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.23 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

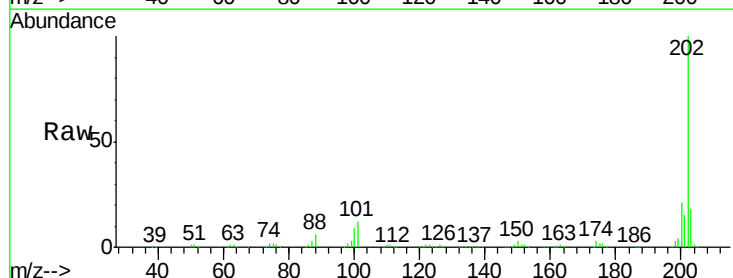
Tgt Ion:202 Resp: 483775

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.1

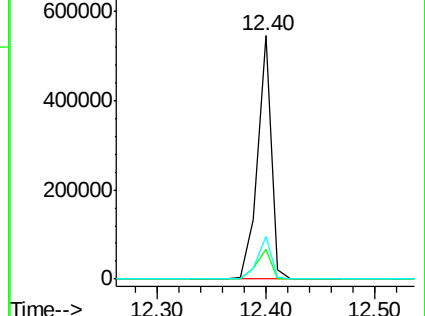
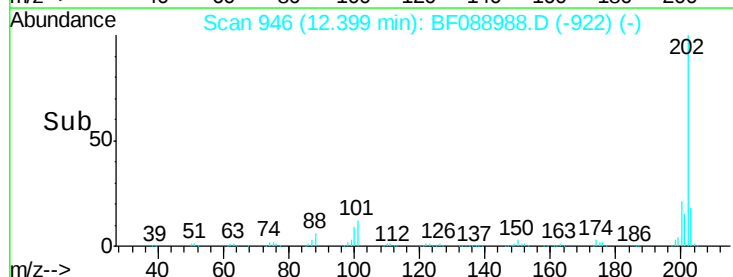
203 17.6 0.0 38.1

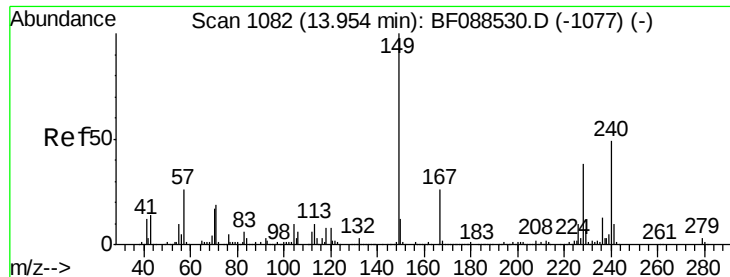


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

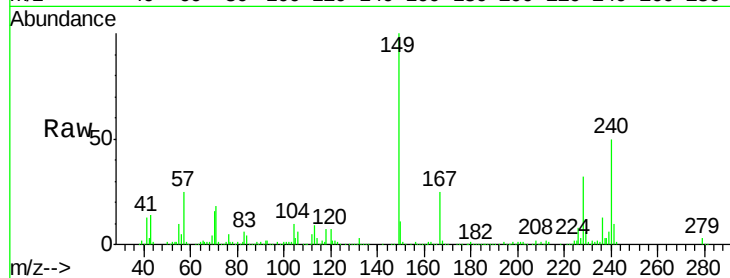
Tgt Ion:240 Resp: 148714

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

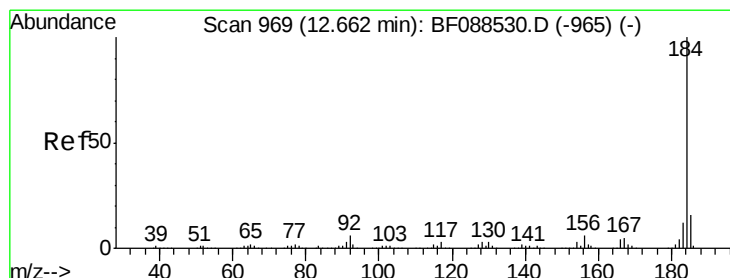
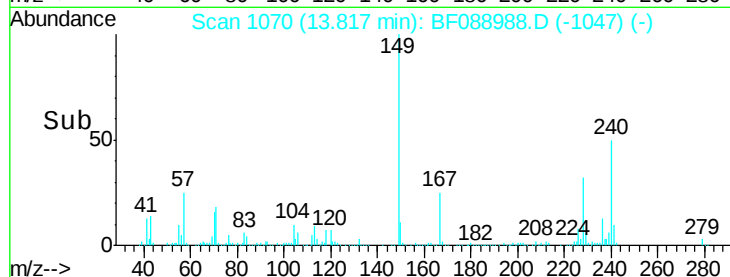
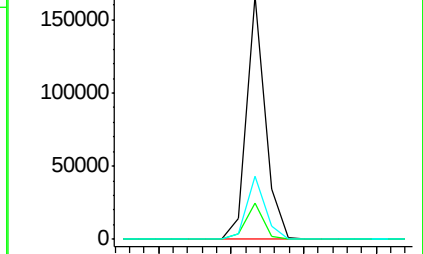
236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.81 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

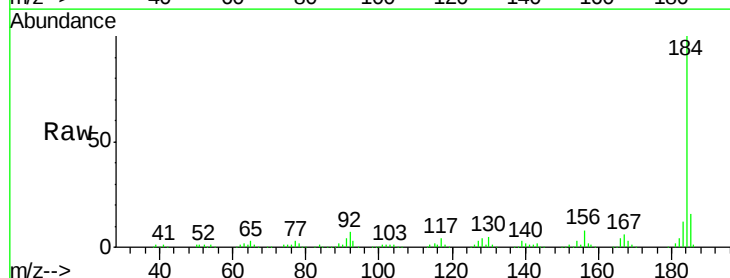
Tgt Ion:184 Resp: 254142

Ion Ratio Lower Upper

184 100

185 15.9 12.5 18.7

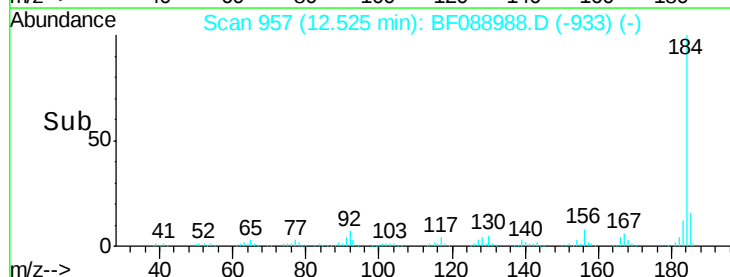
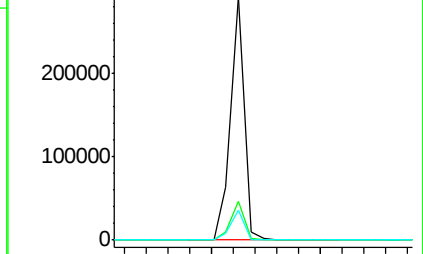
183 12.2 9.3 13.9

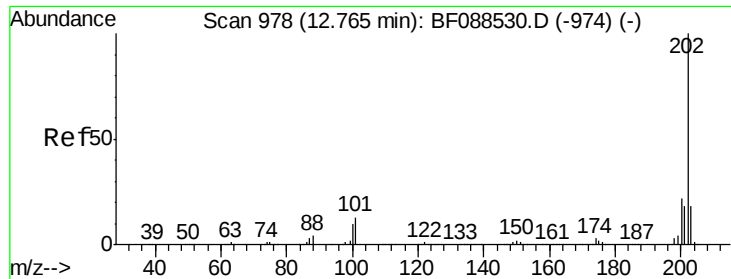


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

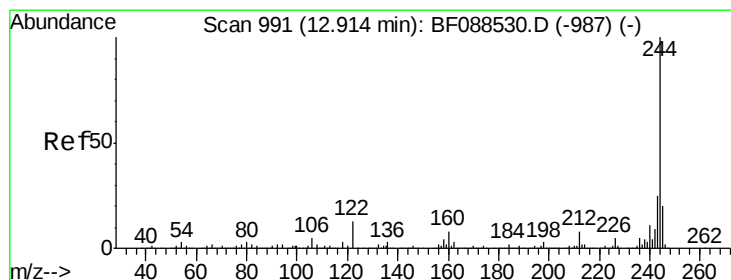
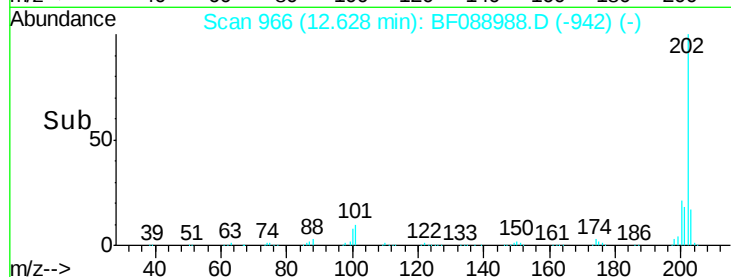
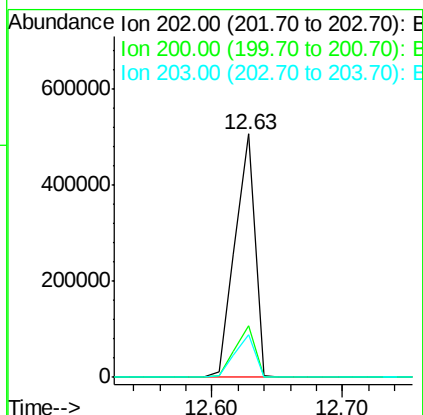
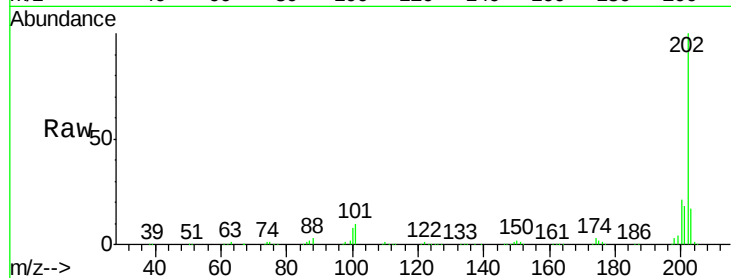




#77
Pyrene
 Concen: 42.34 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

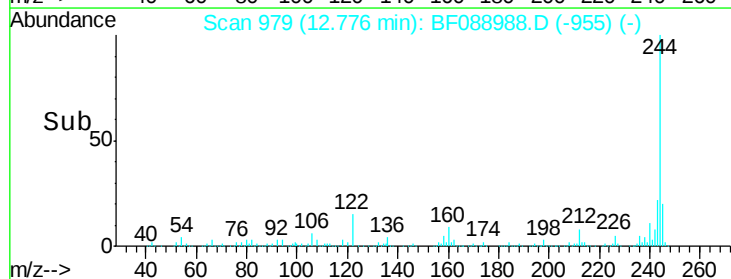
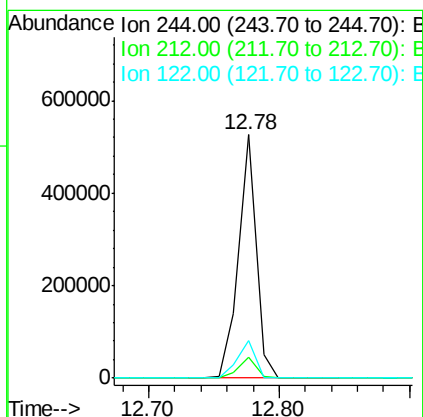
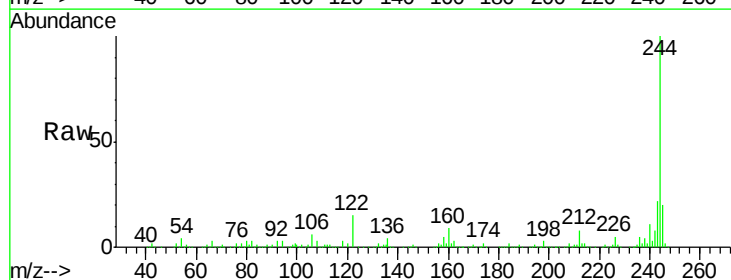
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion: 202 Resp: 533858
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 17.3 14.5 21.7



#78
Terphenyl-d14
 Concen: 74.35 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion: 244 Resp: 496398
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 15.5 11.2 16.8





#79

Butylbenzylphthalate

Concen: 39.63 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

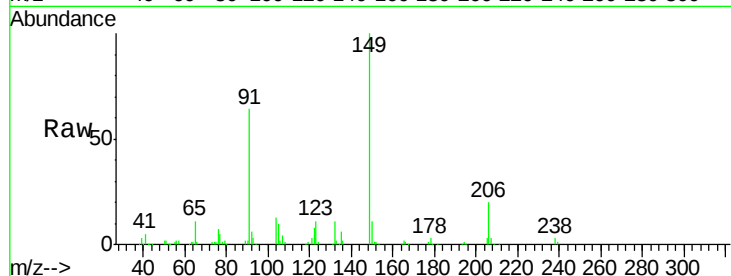
Tgt Ion:149 Resp: 222882

Ion Ratio Lower Upper

149 100

91 63.7 48.0 72.0

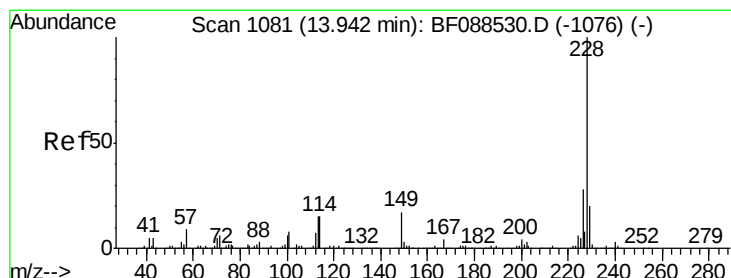
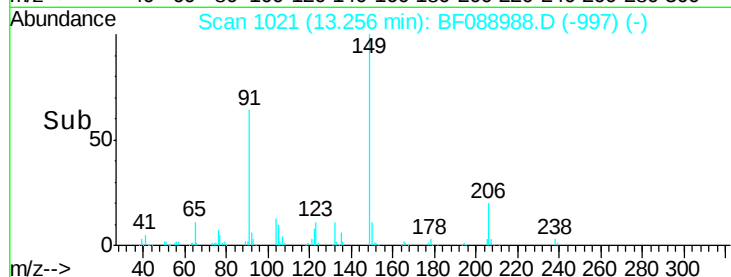
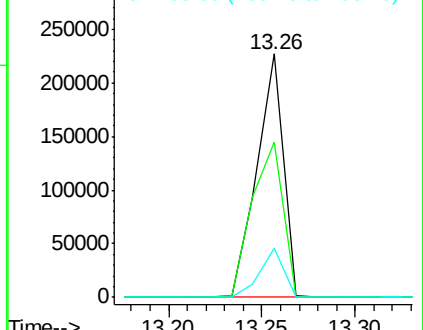
206 20.3 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.61 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

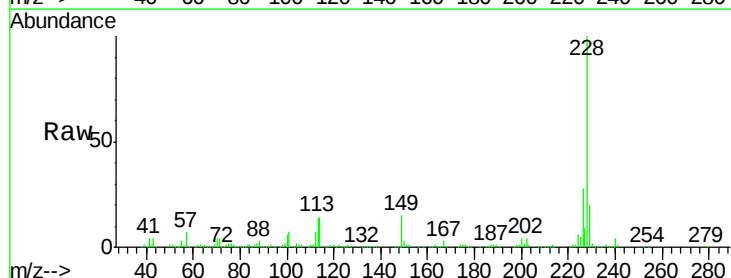
Tgt Ion:228 Resp: 369768

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

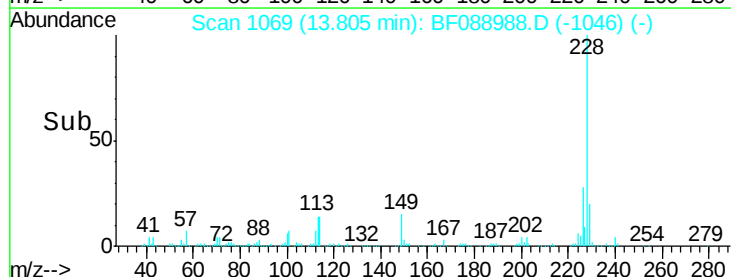
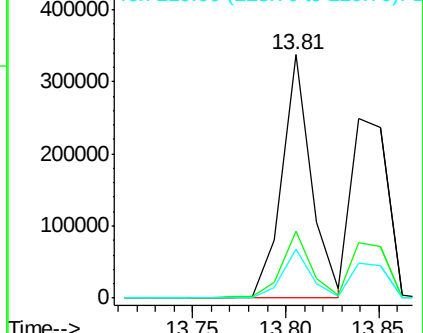
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

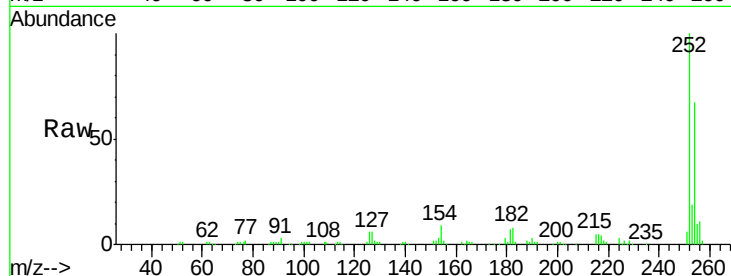




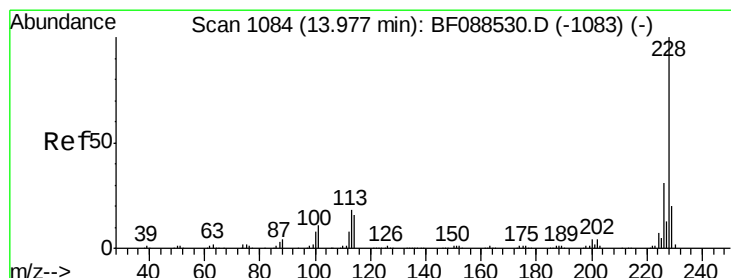
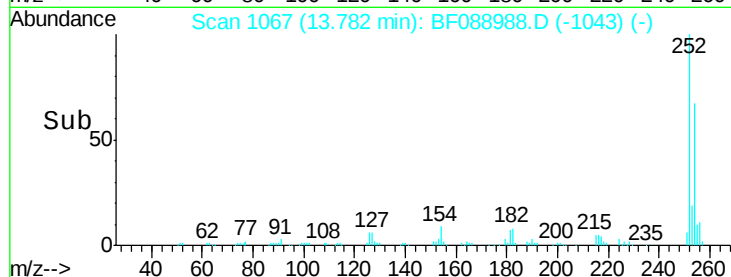
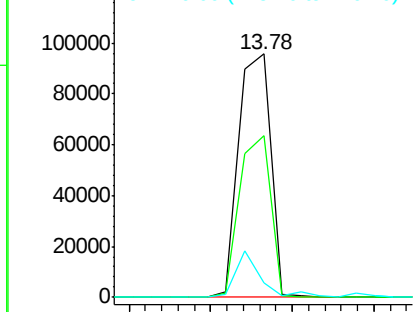
#81
 3,3'-Dichlorobenzidine
 Concen: 36.15 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 130155
 Ion Ratio Lower Upper
 252 100
 254 66.6 52.6 78.8
 126 5.7 6.2 9.2#

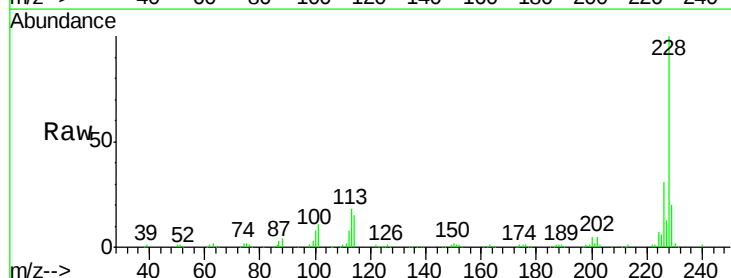


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

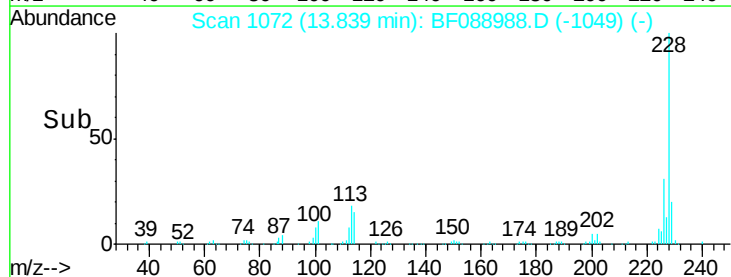
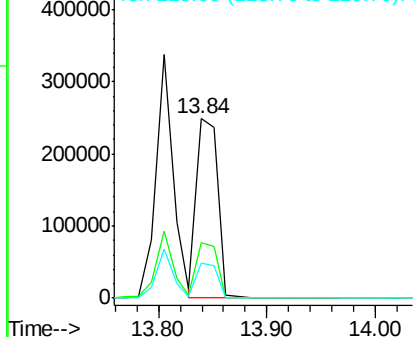


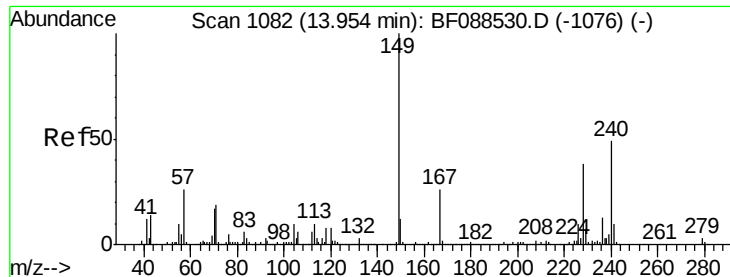
#82
 Chrysene
 Concen: 35.82 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion: 228 Resp: 339380
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.2
 229 19.8 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.20 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

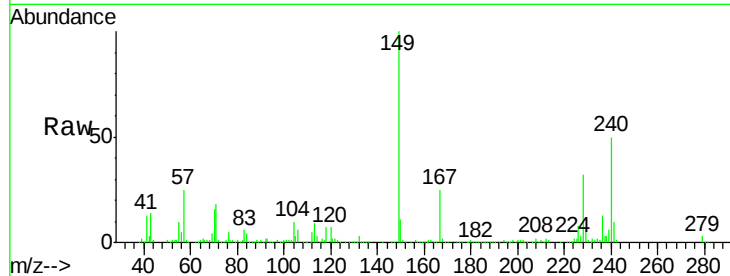
Tgt Ion:149 Resp: 283836

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

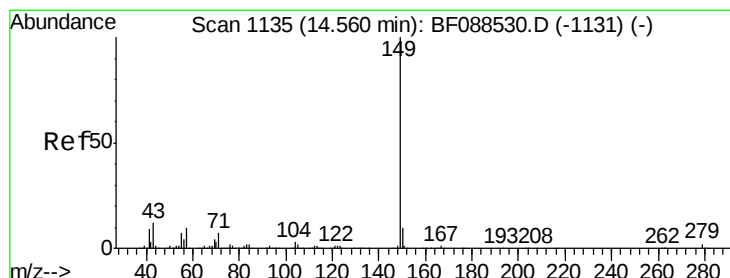
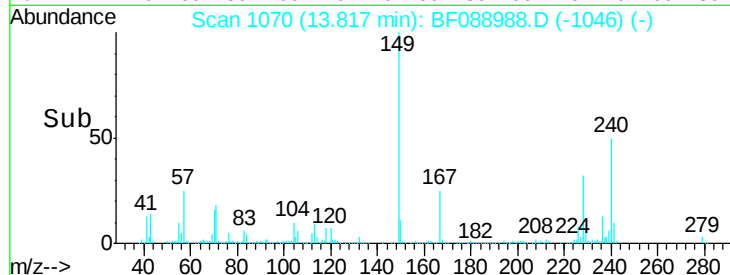
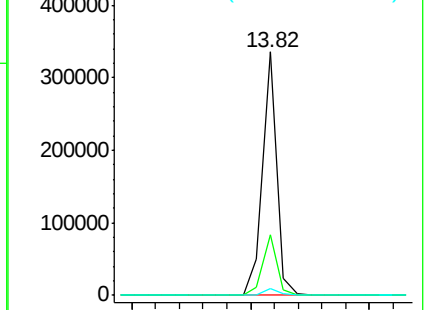
279 2.5 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.26 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

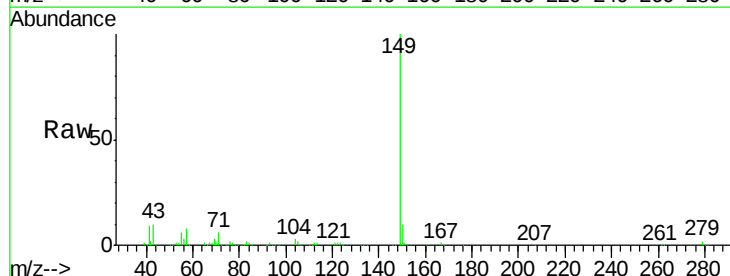
Tgt Ion:149 Resp: 450113

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

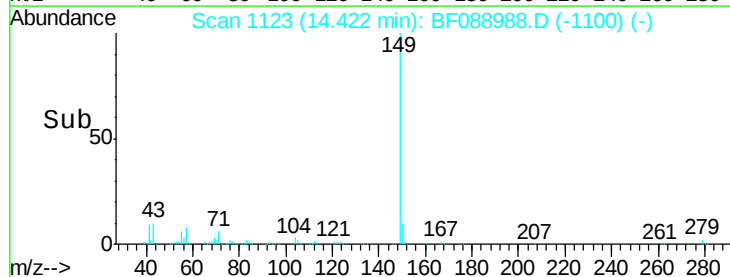
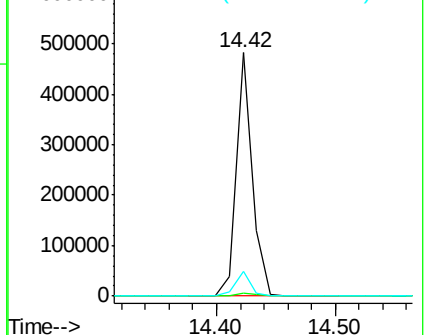
43 9.5 0.0 0.0#

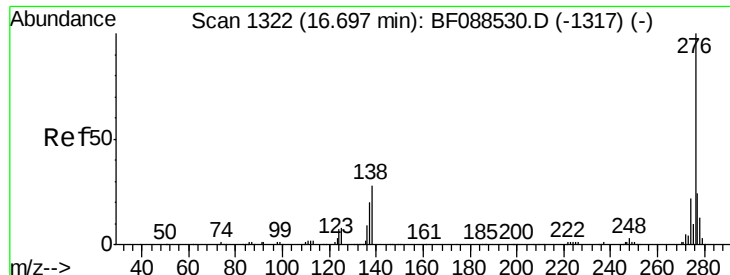


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

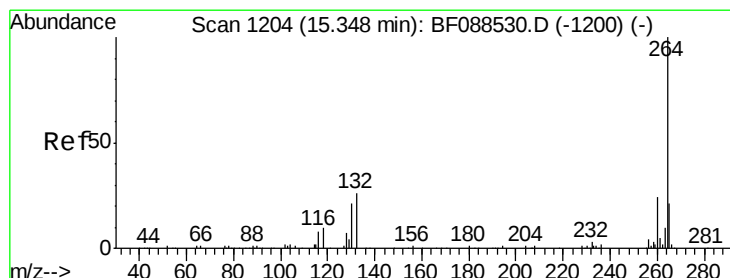
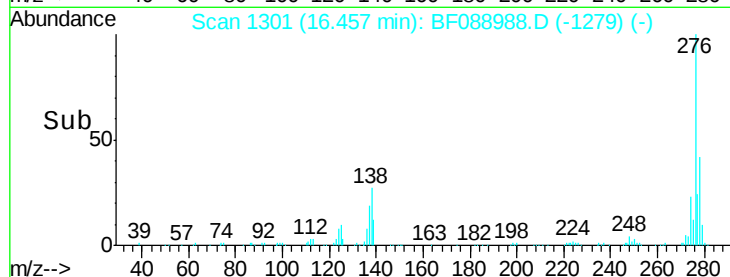
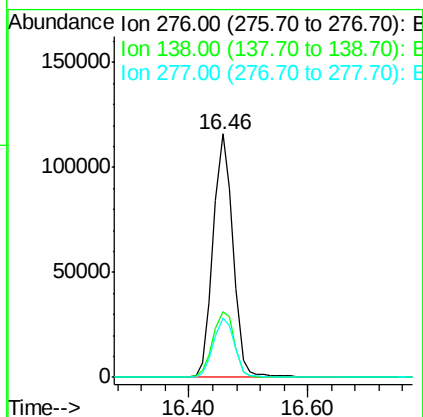
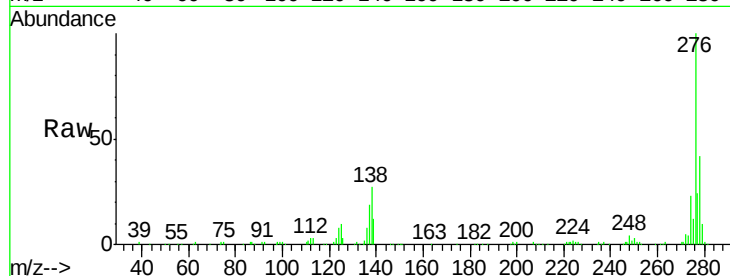




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.14 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. -0.05 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

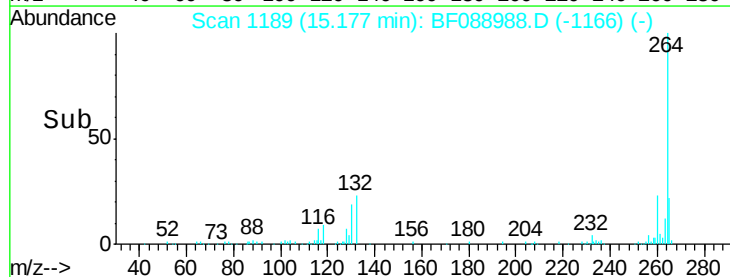
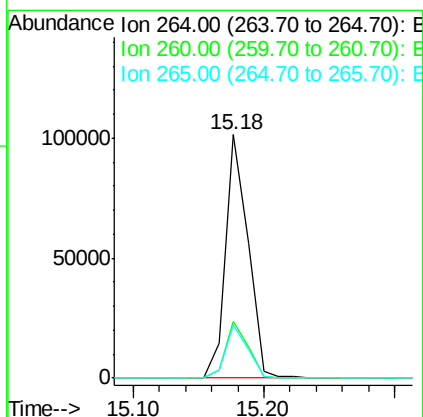
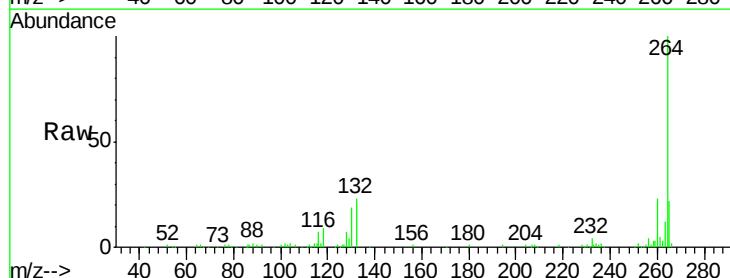
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 270741
 Ion Ratio Lower Upper
 276 100
 138 29.4 0.0 0.0#
 277 25.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion: 264 Resp: 121556
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.8 16.9 25.3

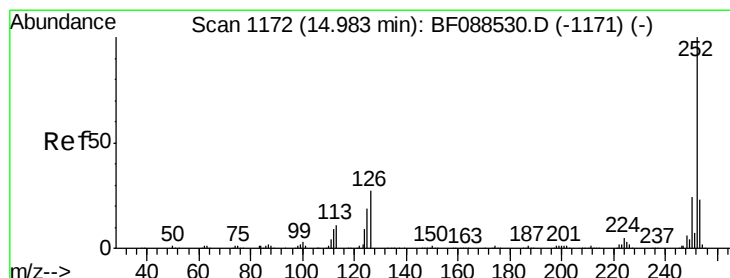
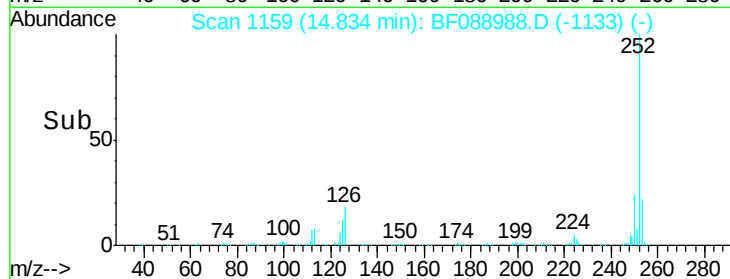
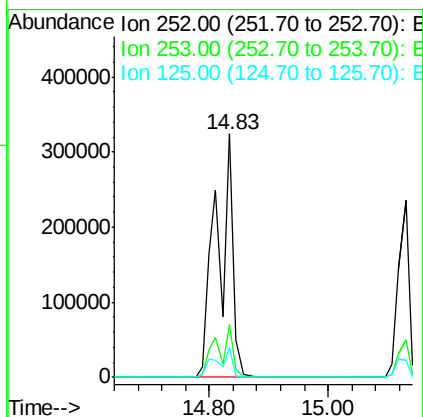
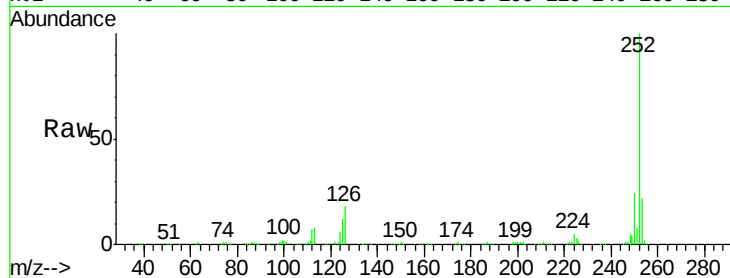




#87
Benzo(b)fluoranthene
Concen: 80.35 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 252 Resp: 612683
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.5 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 92.30 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion: 252 Resp: 612683
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 12.5 11.2 16.8

