

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088731.D
 Acq On : 6 Jul 2016 11:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 06 16:18:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	85299	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	355026	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	159461	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	306885	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	232865	20.00	ng	-0.02
86) Perylene-d12	15.28	264	206671	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	468227	82.27	ng	-0.02
7) Phenol-d6	6.40	99	568006	77.24	ng	-0.01
23) Nitrobenzene-d5	7.32	82	499027	73.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	128768	86.96	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	865223	85.71	ng	-0.02
78) Terphenyl-d14	12.86	244	804096	76.91	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	102544	36.34	ng	# 37
3) Pyridine	2.97	79	305362	37.29	ng	91
4) n-Nitrosodimethylamine	2.92	42	112187	35.86	ng	91
6) Aniline	6.42	93	411378	38.38	ng	97
8) 2-Chlorophenol	6.55	128	257047	42.02	ng	86
9) Benzaldehyde	6.30	77	171061	34.34	ng	85
10) Phenol	6.41	94	326775	38.93	ng	# 66
11) bis(2-Chloroethyl)ether	6.50	93	263168	42.05	ng	86
12) 1,3-Dichlorobenzene	6.78	146	254719	37.84	ng	95
13) 1,4-Dichlorobenzene	6.78	146	254719	38.12	ng	95
14) 1,2-Dichlorobenzene	6.94	146	254861	40.75	ng	97
15) Benzyl Alcohol	6.90	79	197077	36.41	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	308574	34.04	ng	89
17) 2-Methylphenol	7.02	107	203746	40.83	ng	96
18) Hexachloroethane	7.28	117	102986	39.85	ng	94
19) n-Nitroso-di-n-propylamine	7.19	70	198896	40.26	ng	# 87
20) 3+4-Methylphenols	7.18	107	222624	37.17	ng	# 66
22) Acetophenone	7.18	105	357323	41.47	ng	# 87
24) Nitrobenzene	7.35	77	297661	43.58	ng	# 87
25) Isophorone	7.59	82	475062	37.86	ng	95
26) 2-Nitrophenol	7.67	139	127696	45.59	ng	# 75
27) 2,4-Dimethylphenol	7.70	122	215467	36.93	ng	86
28) bis(2-Chloroethoxy)methane	7.80	93	333287	40.81	ng	# 95
29) 2,4-Dichlorophenol	7.91	162	202009	42.84	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	208197	40.24	ng	99
31) Naphthalene	8.07	128	710194	40.58	ng	99
32) Benzoic acid	7.84	122	153485	36.24	ng	92
33) 4-Chloroaniline	8.11	127	297807	38.24	ng	94
34) Hexachlorobutadiene	8.19	225	122144	44.09	ng	98
35) Caprolactam	8.49	113	62339	38.93	ng	89
36) 4-Chloro-3-methylphenol	8.60	107	252243	45.24	ng	95
37) 2-Methylnaphthalene	8.75	142	419064	37.18	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	231421	43.63	ng	# 1
40) Hexachlorocyclopentadiene	8.91	237	98432	37.81	ng	100

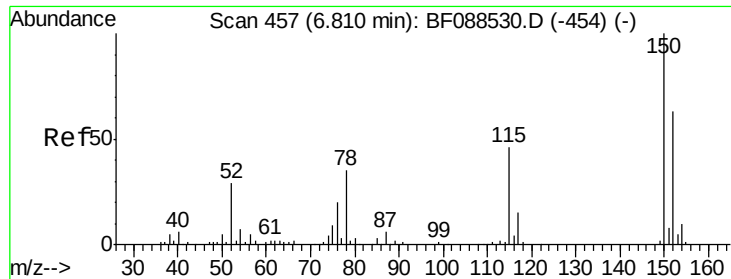
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088731.D
 Acq On : 6 Jul 2016 11:00
 Operator : UM/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	142856	40.85	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	141500	47.03	nq	# 90
45) 1,1'-Biphenyl	9.22	154	555196	42.05	nq	99
46) 2-Chloronaphthalene	9.24	162	441673	42.61	nq	98
47) 2-Nitroaniline	9.34	65	135188	36.75	nq	96
48) Acenaphthylene	9.66	152	666767	40.42	nq	99
49) Dimethylphthalate	9.53	163	512358	45.10	nq	99
50) 2,6-Dinitrotoluene	9.59	165	119786	47.57	nq	# 81
51) Acenaphthene	9.83	154	406300	40.19	nq	98
52) 3-Nitroaniline	9.75	138	118186	36.93	nq	86
53) 2,4-Dinitrophenol	9.85	184	49360	44.40	nq	# 73
54) Dibenzofuran	10.00	168	528642	39.95	nq	# 87
55) 4-Nitrophenol	9.91	139	88726	36.48	nq	88
56) 2,4-Dinitrotoluene	9.99	165	157529	47.85	nq	# 77
57) Fluorene	10.34	166	433190	42.48	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	99370	42.69	nq	# 52
59) Diethylphthalate	10.23	149	502376	44.06	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	204467	43.15	nq	89
61) 4-Nitroaniline	10.36	138	139168	45.18	nq	85
62) Azobenzene	10.49	77	516479	39.71	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	75298	45.87	nq	# 50
65) n-Nitrosodiphenylamine	10.46	169	400610	38.57	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	117740	38.07	nq	# 77
67) Hexachlorobenzene	10.89	284	146942	42.92	nq	# 86
68) Atrazine	10.98	200	116846	36.10	nq	91
69) Pentachlorophenol	11.08	266	81768	40.36	nq	97
70) Phenanthrene	11.30	178	706318	42.10	nq	98
71) Anthracene	11.35	178	645627	38.71	nq	99
72) Carbazole	11.51	167	655405	41.75	nq	98
73) Di-n-butylphthalate	11.84	149	690645	37.82	nq	98
74) Fluoranthene	12.48	202	744564	43.78	nq	97
76) Benzidine	12.60	184	518148	44.02	nq	99
77) Pyrene	12.71	202	767068	38.85	nq	99
79) Butylbenzylphthalate	13.33	149	312977	35.54	nq	# 66
80) Benzo(a)anthracene	13.89	228	575855	38.40	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	203876	36.16	nq	# 94
82) Chrysene	13.92	228	520799	35.11	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	415729	41.35	nq	# 99
84) Di-n-octyl phthalate	14.50	149	715326	41.88	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.59	276	424783	37.22	nq	# 100
87) Benzo(b)fluoranthene	14.93	252	984409	75.93	nq	99
88) Benzo(k)fluoranthene	14.93	252	984422	87.22	nq	# 93
89) Benzo(a)pyrene	15.22	252	435021	39.63	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	361052	39.39	nq	98
91) Benzo(g,h,i)perylene	16.99	276	364201	38.40	nq	99

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

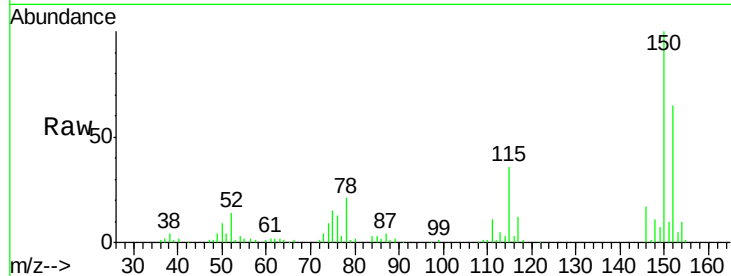


#1

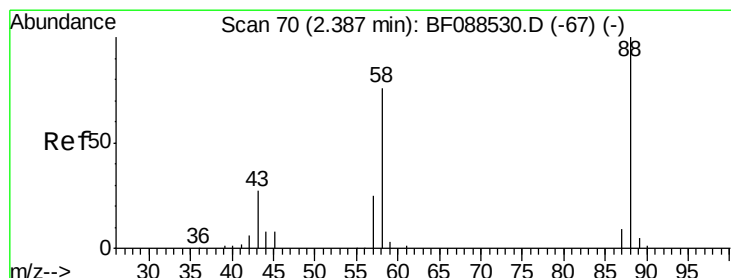
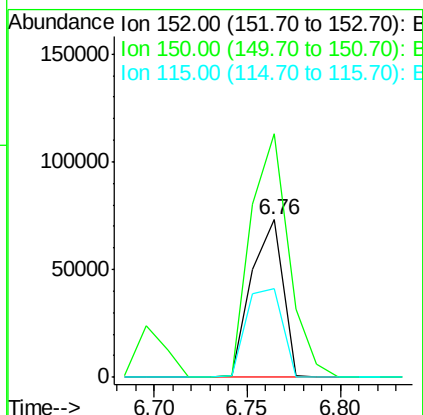
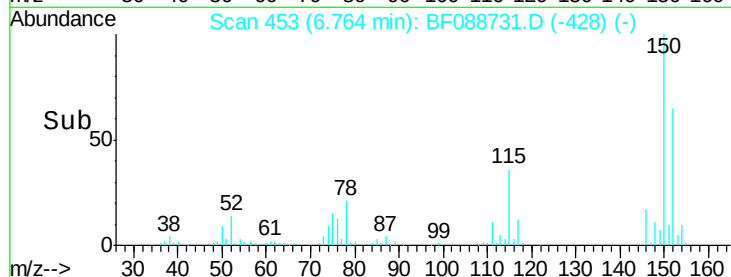
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 85299
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 56.2 39.6 59.4



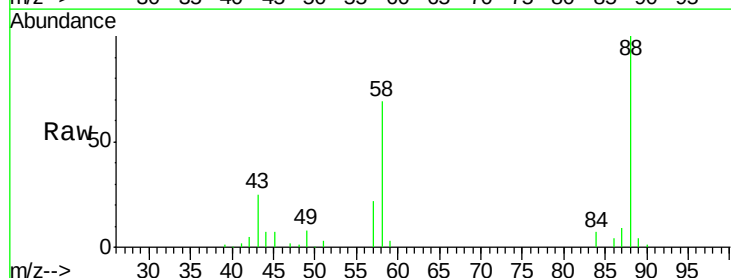
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



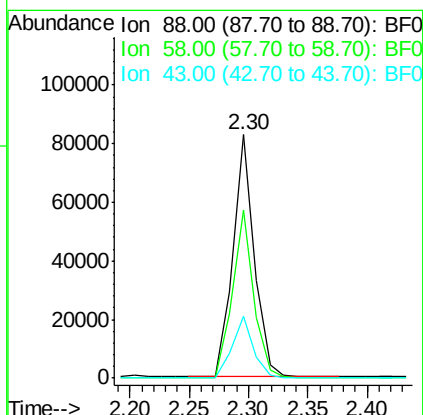
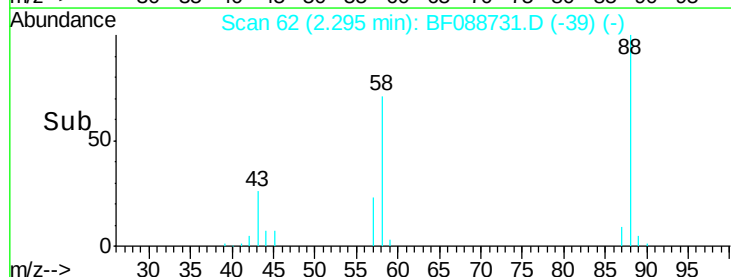
#2

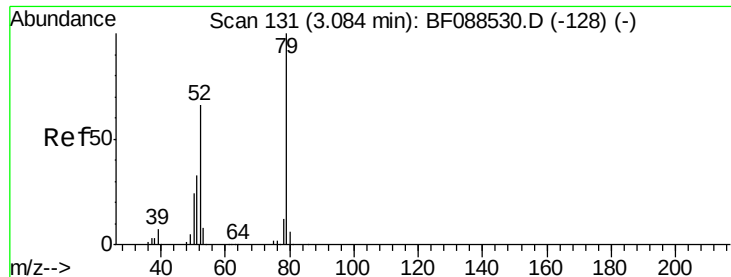
1,4-Dioxane
Concen: 36.34 ng
RT: 2.30 min Scan# 62
Delta R.T. -0.03 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion: 88 Resp: 102544
Ion Ratio Lower Upper
88 100
58 69.0 0.0 0.0#
43 25.1 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.29 ng

RT: 2.97 min Scan# 121

Delta R.T. -0.03 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

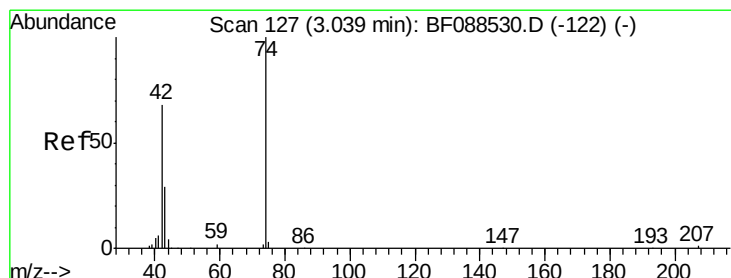
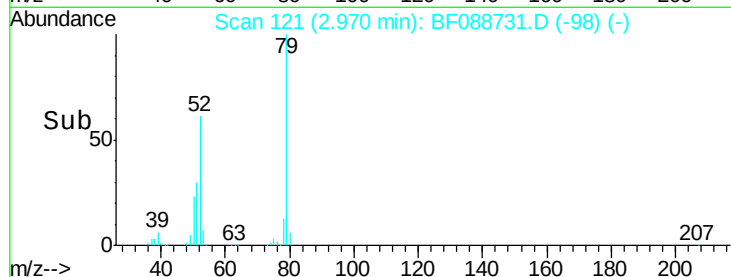
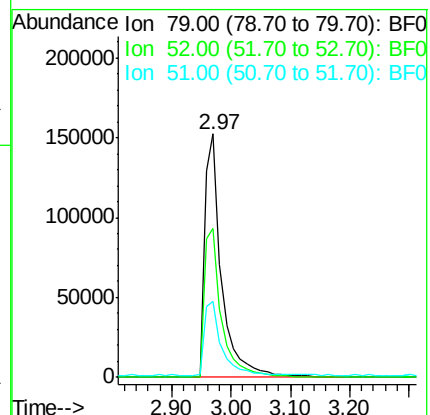
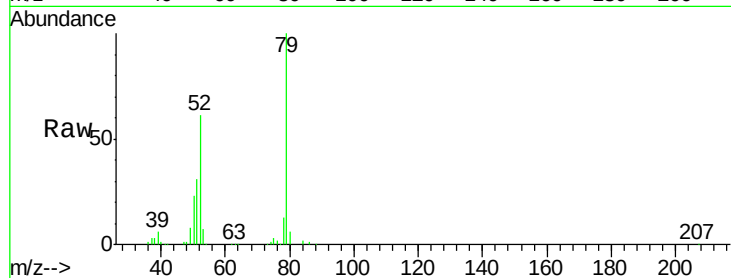
Tot Ion: 79 Resp: 305362

Ion Ratio Lower Upper

79 100

52 61.0 56.3 84.5

51 31.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 35.86 ng

RT: 2.92 min Scan# 117

Delta R.T. -0.05 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

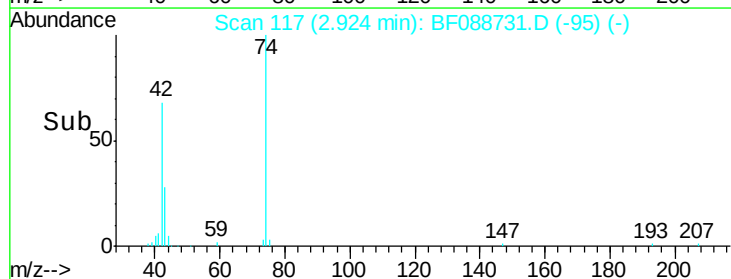
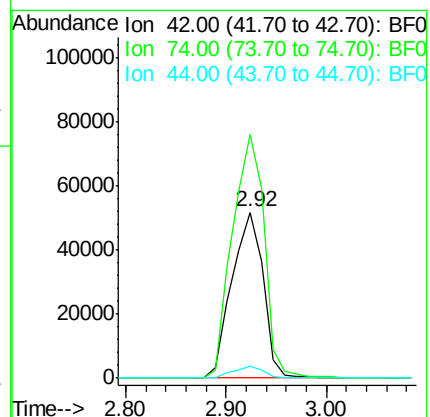
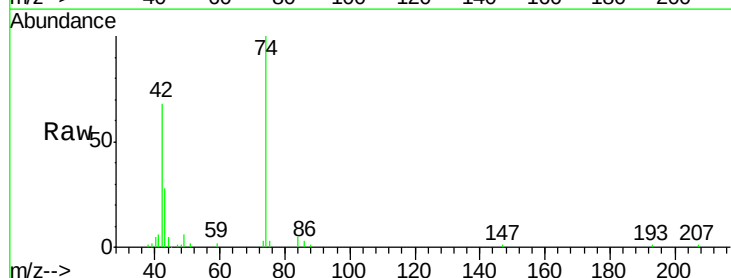
Tgt Ion: 42 Resp: 112187

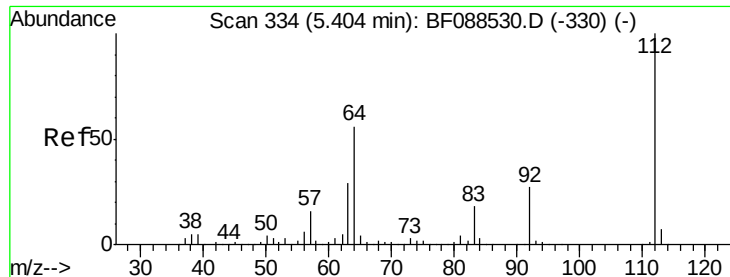
Ion Ratio Lower Upper

42 100

74 146.7 108.6 163.0

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 82.27 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

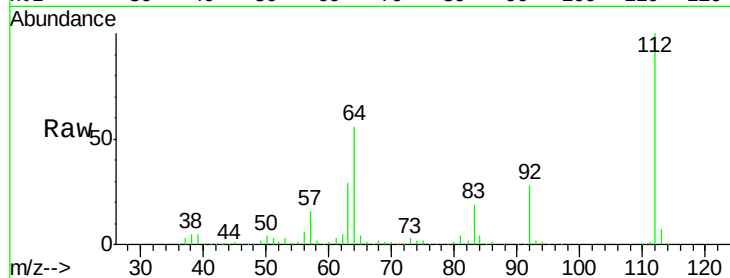
Tot Ion:112 Resp: 468227

Ion Ratio Lower Upper

112 100

64 56.1 42.2 63.2

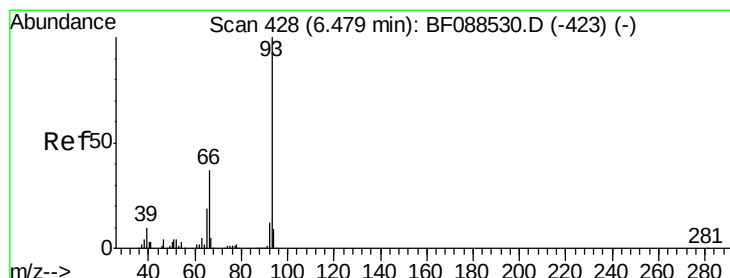
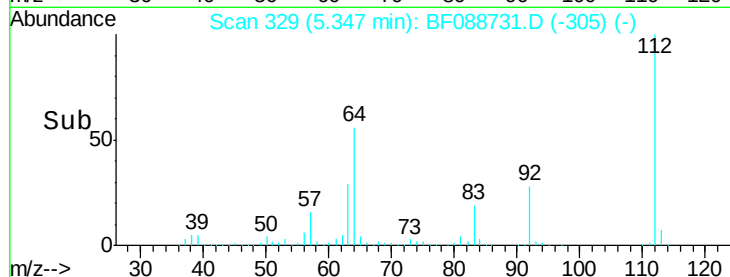
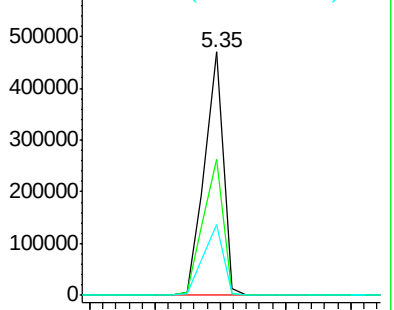
63 29.1 21.8 32.8



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: 38.38 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

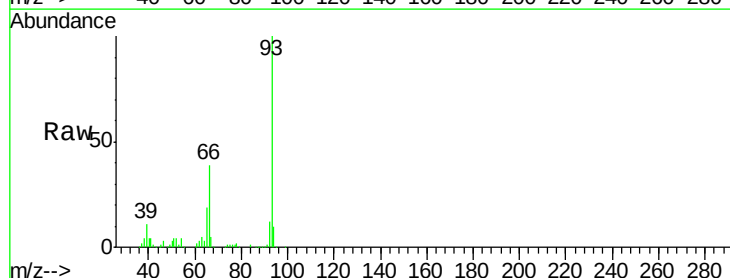
Tgt Ion: 93 Resp: 411378

Ion Ratio Lower Upper

93 100

66 39.2 29.8 44.8

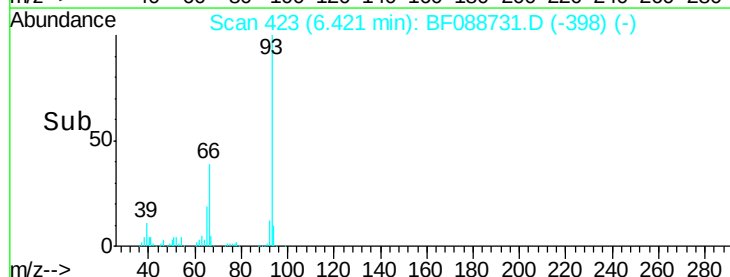
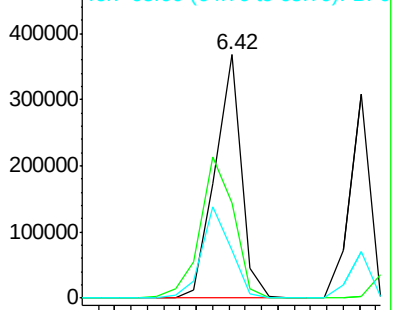
65 19.4 14.9 22.3

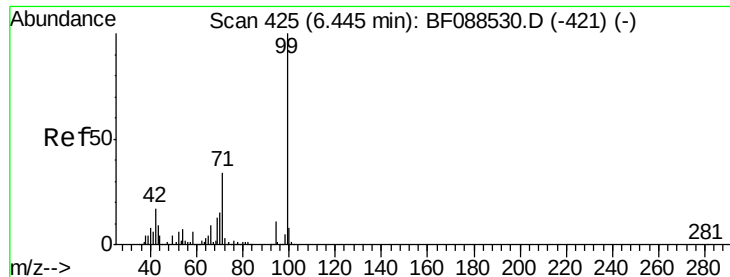


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

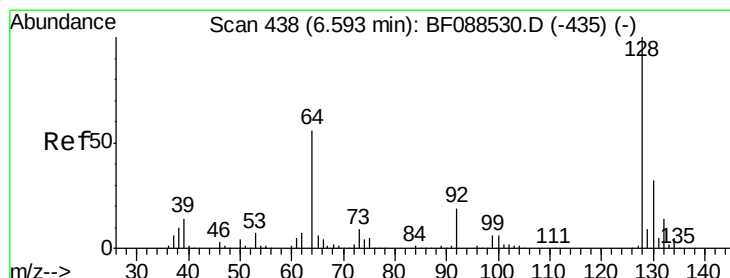
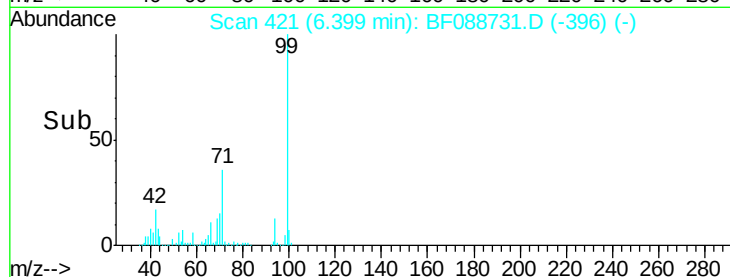
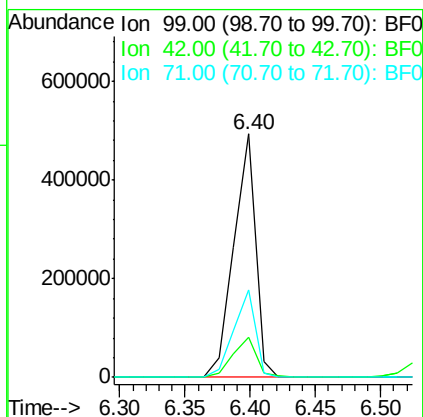
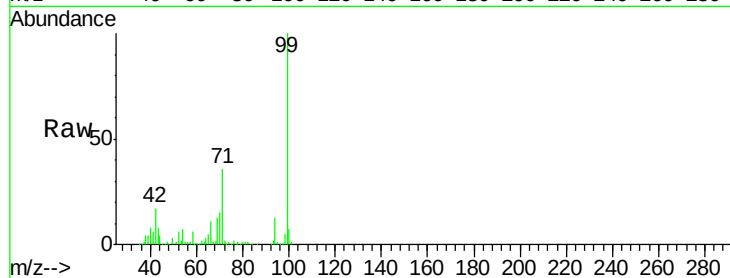
Tot Ion: 99 Resp: 568006

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 35.8 23.4 35.0#



#8

2-Chlorophenol

Concen: 42.02 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

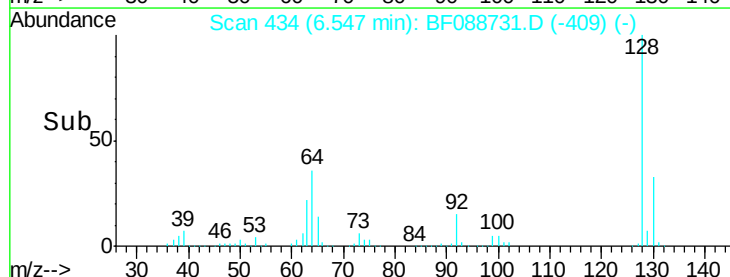
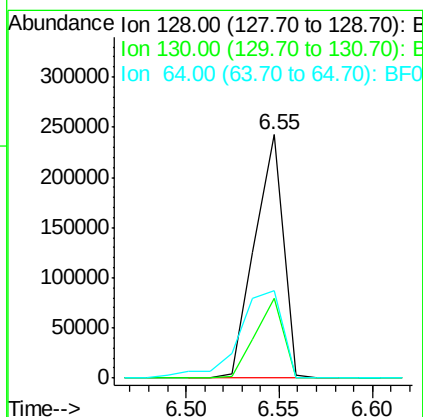
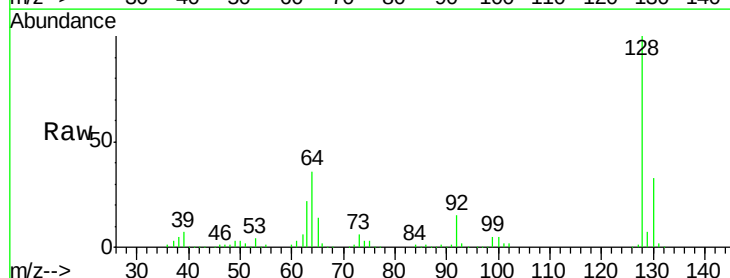
Tgt Ion: 128 Resp: 257047

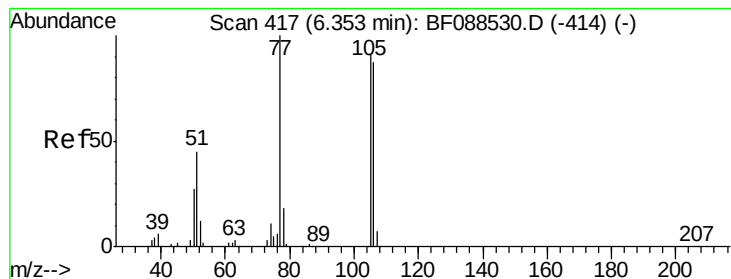
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 35.7 30.8 70.8





#9

Benzaldehyde

Concen: 34.34 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

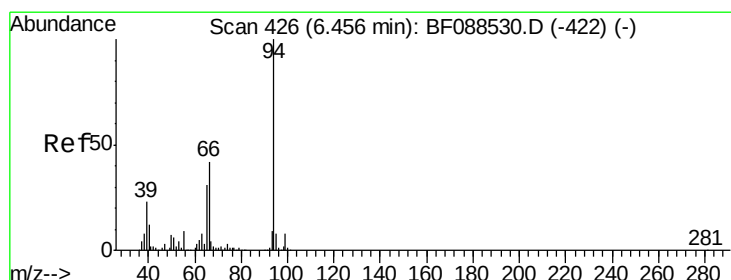
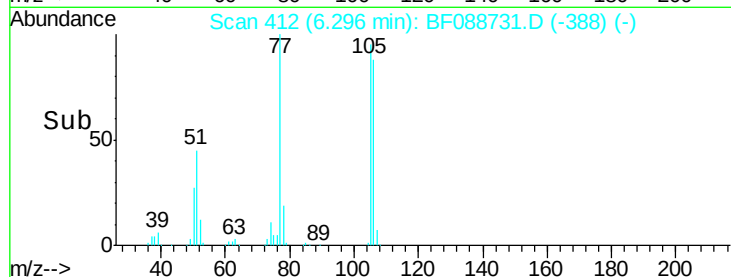
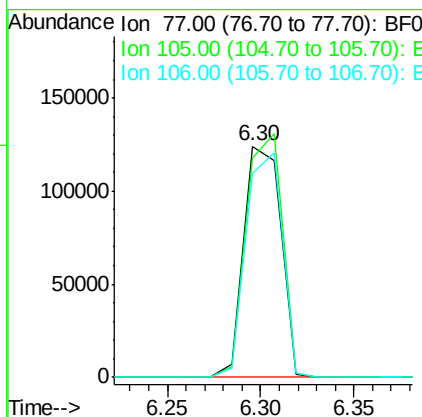
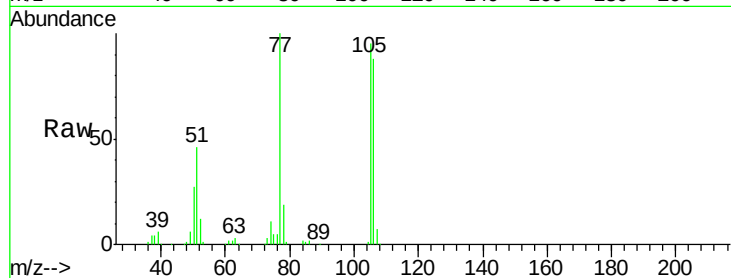
Tot Ion: 77 Resp: 171061

Ion Ratio Lower Upper

77 100

105 95.3 90.6 130.6

106 88.4 85.3 125.3



#10

Phenol

Concen: 38.93 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

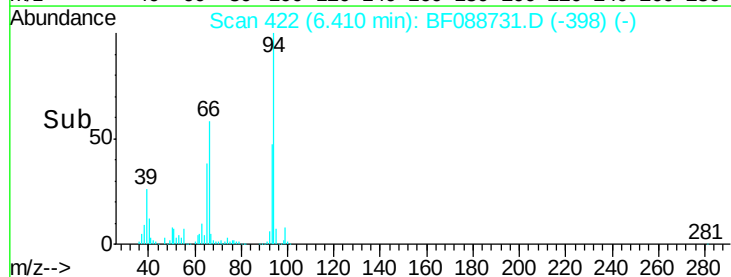
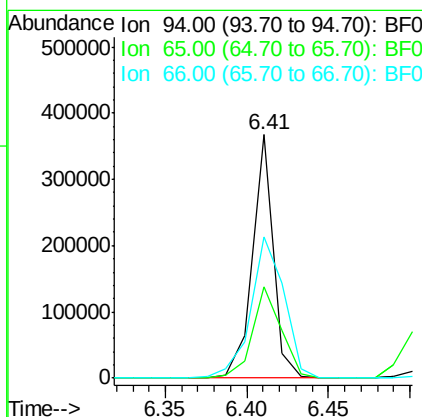
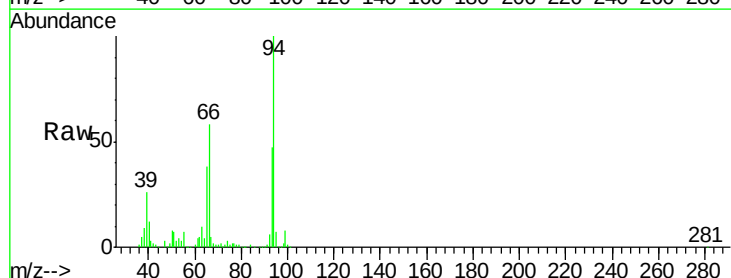
Tgt Ion: 94 Resp: 326775

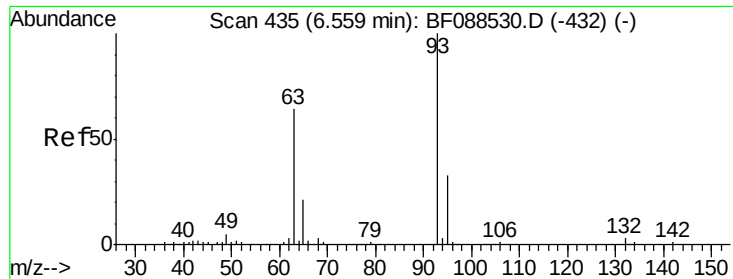
Ion Ratio Lower Upper

94 100

65 37.7 5.9 45.9

66 57.9 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 42.05 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

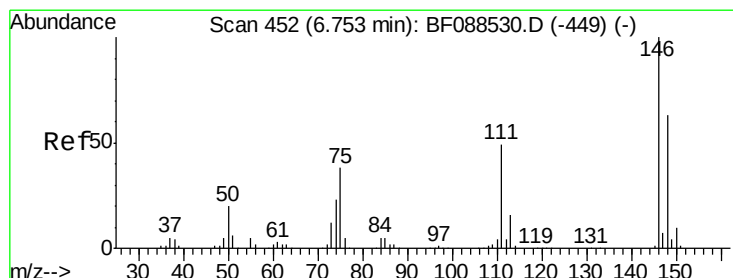
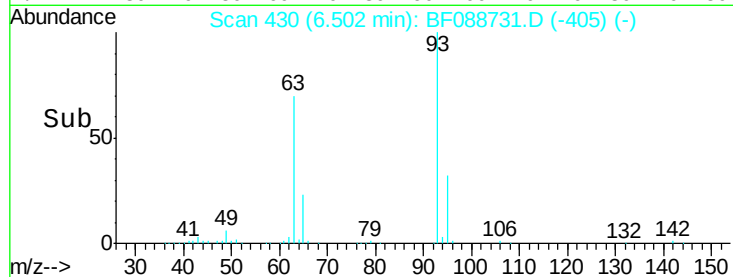
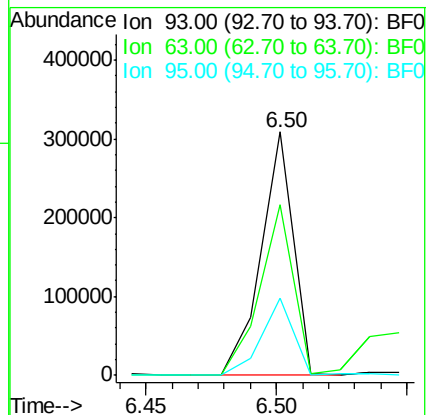
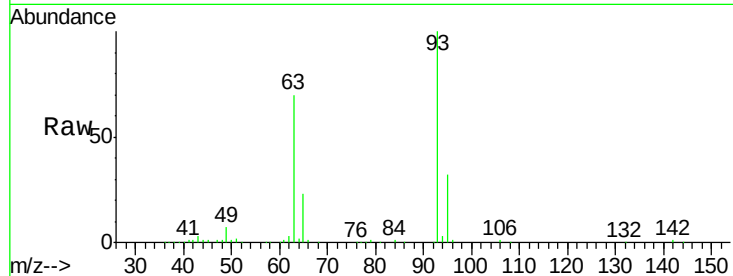
Tot Ion: 93 Resp: 263168

Ion Ratio Lower Upper

93 100

63 70.2 67.6 107.6

95 31.8 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 37.84 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.06 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

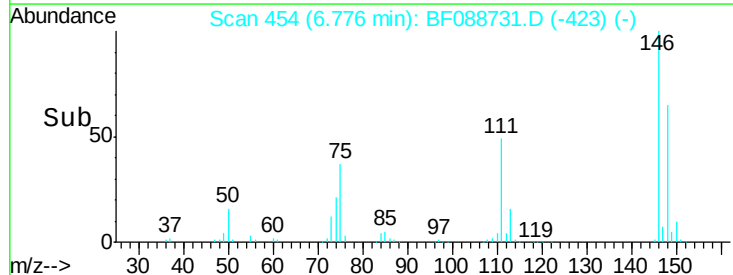
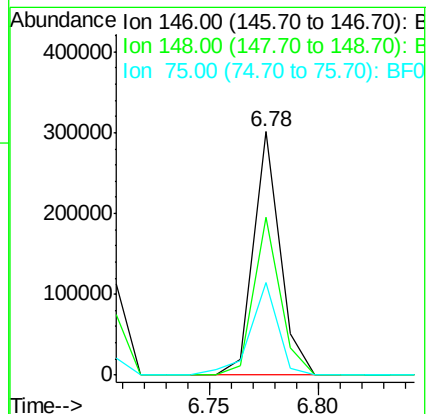
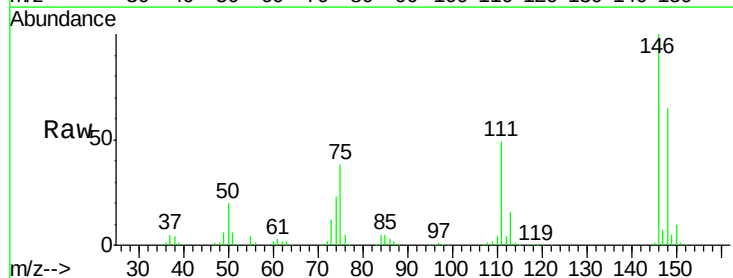
Tgt Ion: 146 Resp: 254719

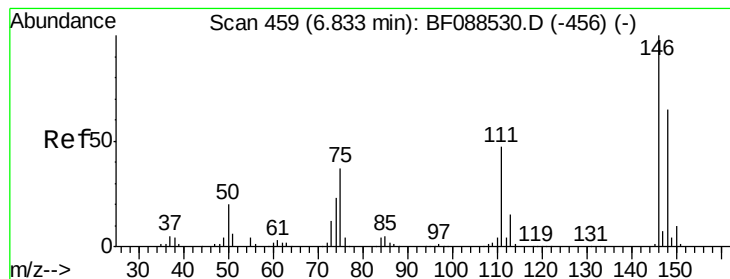
Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

75 38.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 38.12 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

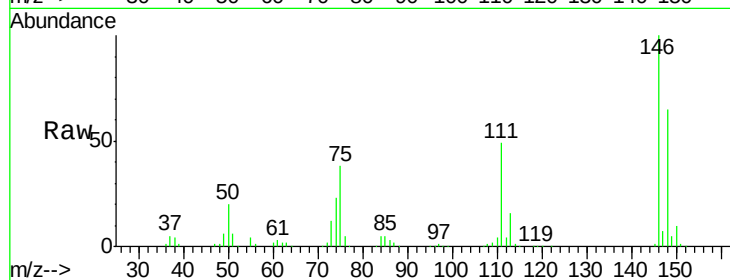
Tot Ion:146 Resp: 254719

Ion Ratio Lower Upper

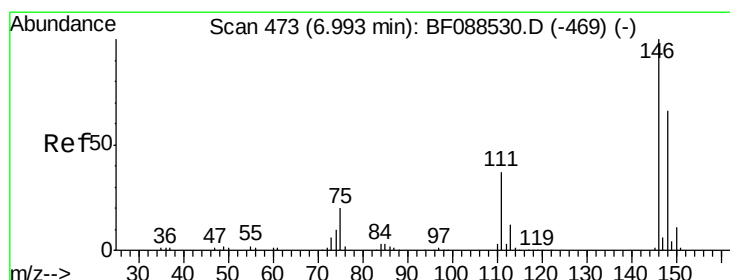
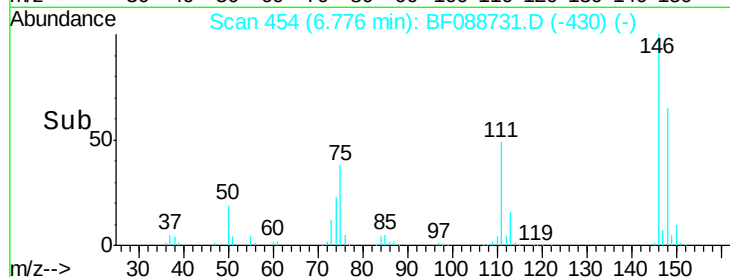
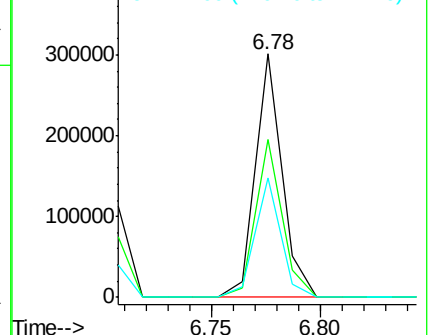
146 100

148 64.6 52.0 78.0

111 49.2 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: 40.75 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

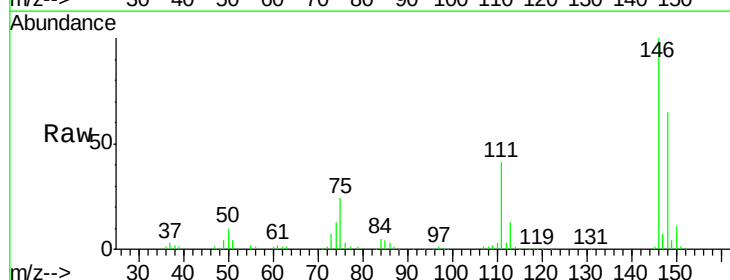
Tgt Ion:146 Resp: 254861

Ion Ratio Lower Upper

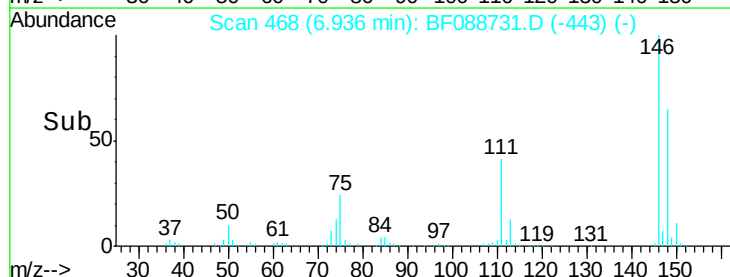
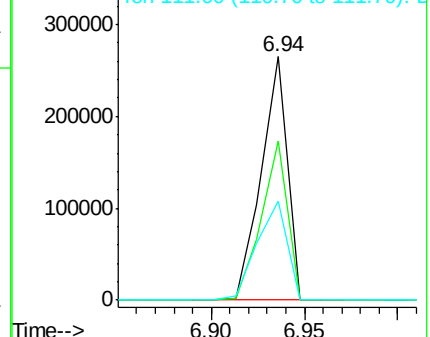
146 100

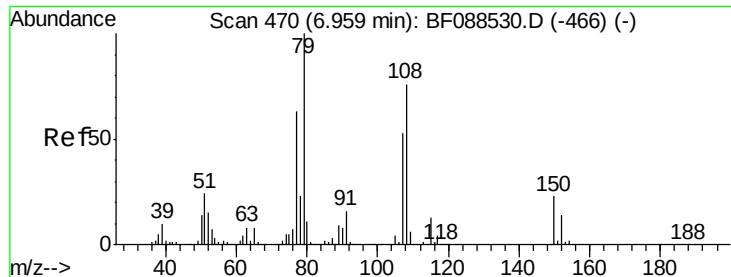
148 65.4 52.3 78.5

111 40.5 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 36.41 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

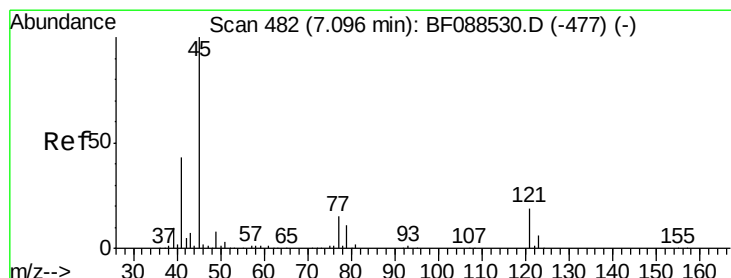
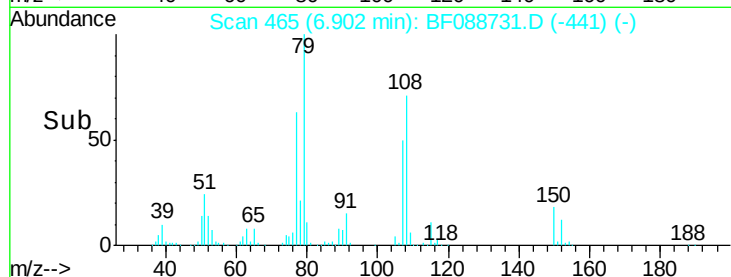
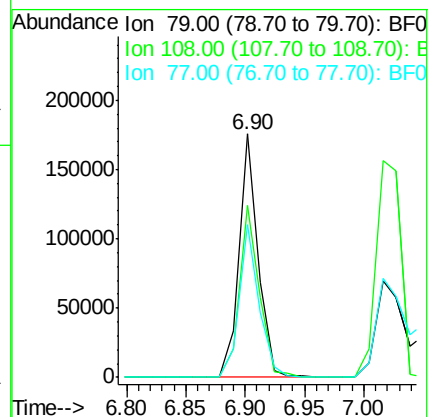
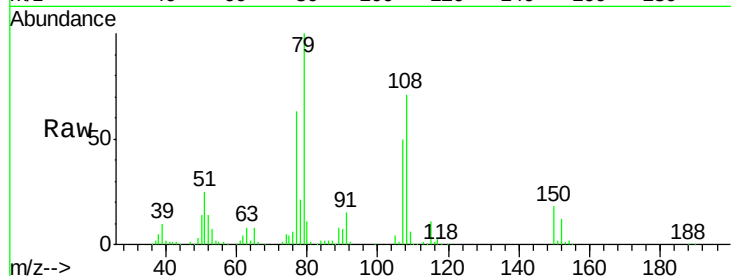
Tot Ion: 79 Resp: 197077

Ion Ratio Lower Upper

79 100

108 70.6 65.0 97.6

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.04 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

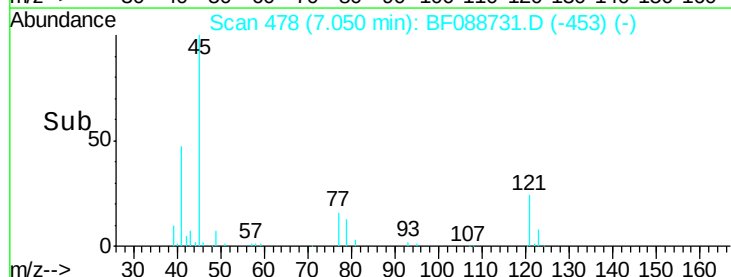
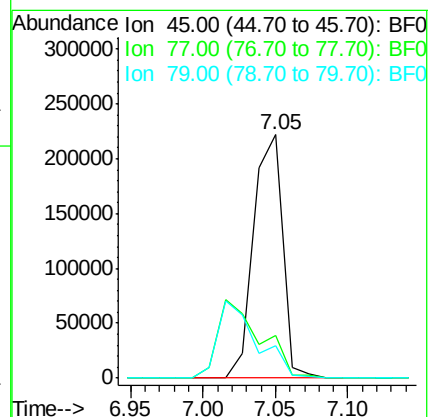
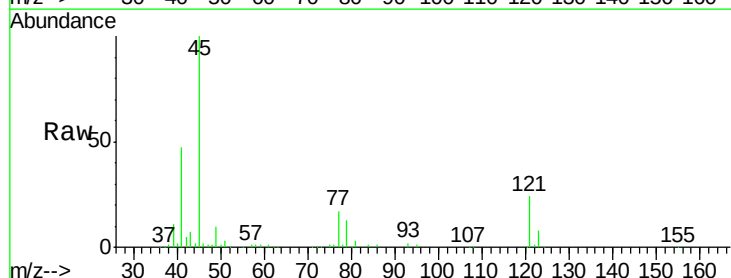
Tgt Ion: 45 Resp: 308574

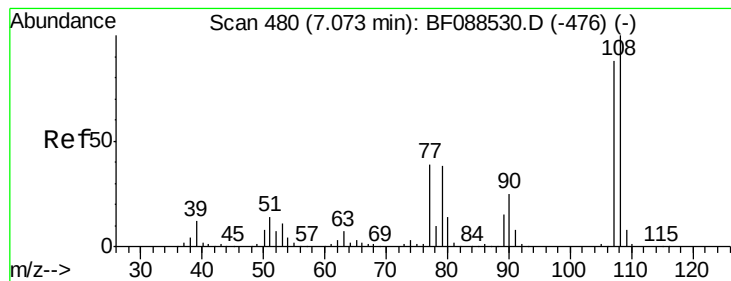
Ion Ratio Lower Upper

45 100

77 17.3 0.0 32.5

79 13.3 0.0 29.5

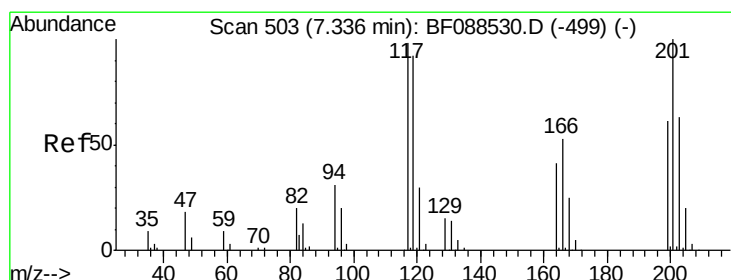
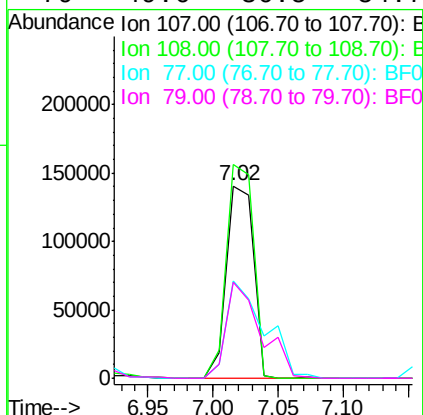
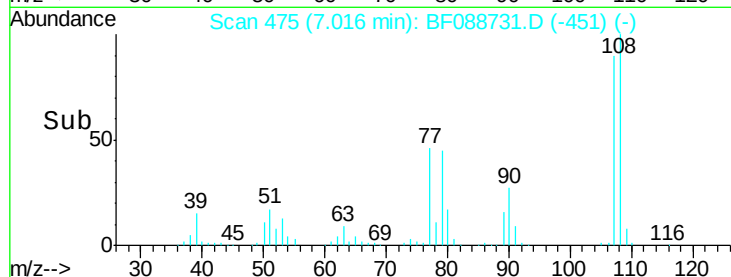
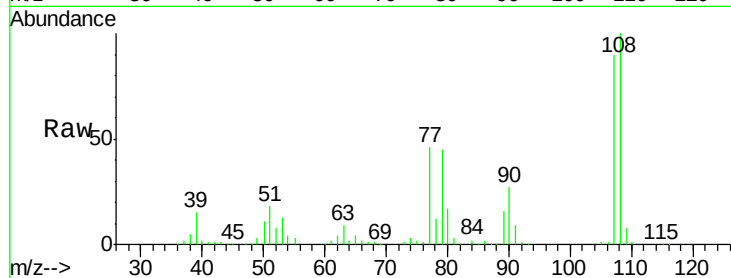




#17
2-Methylphenol
Concen: 40.83 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

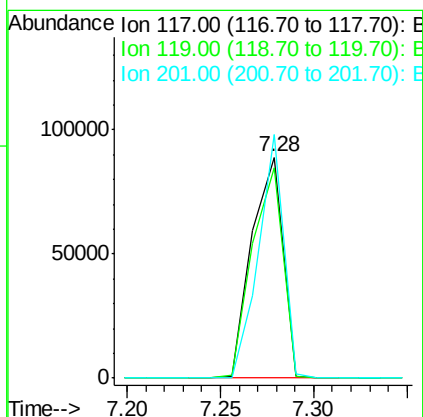
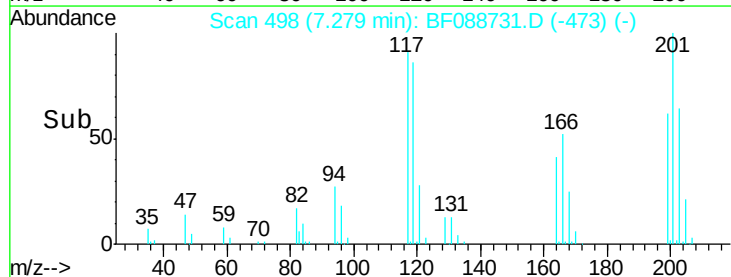
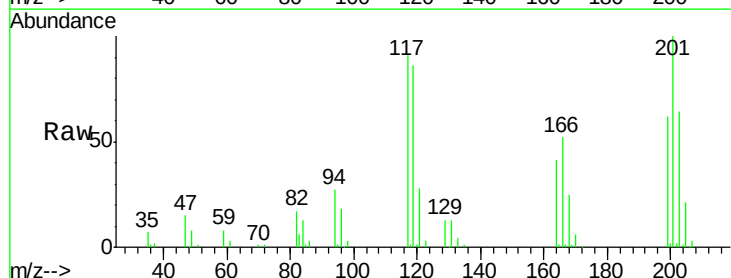
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

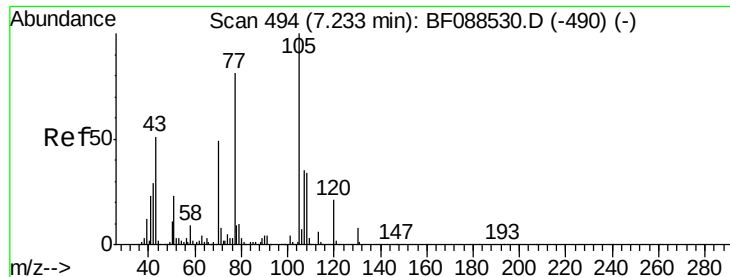
Tot Ion:	107	Resp:	203746
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.9	136.3
77	50.8	36.6	55.0
79	49.6	36.5	54.7



#18
Hexachloroethane
Concen: 39.85 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:	117	Resp:	102986
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.2
201	110.1	80.4	120.6

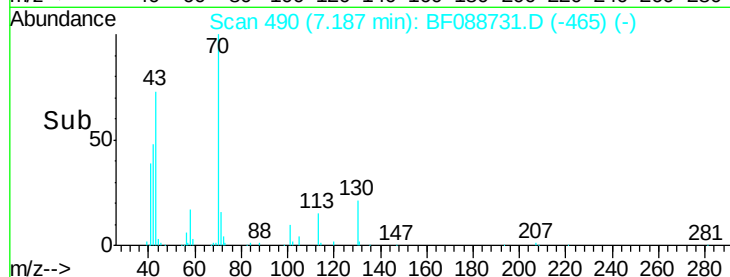
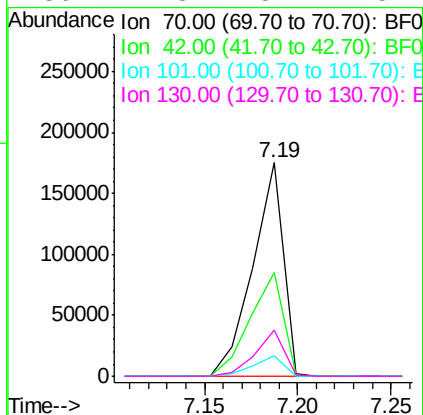
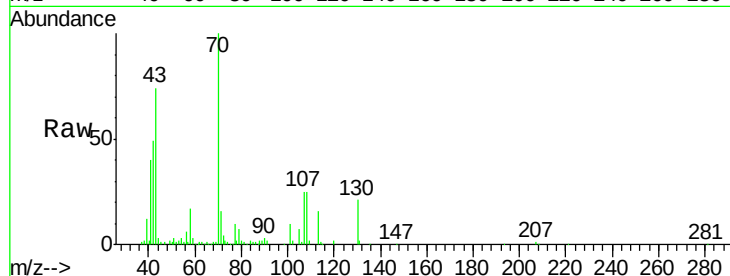




#19
n-Nitroso-di-n-propylamine
Concen: 40.26 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

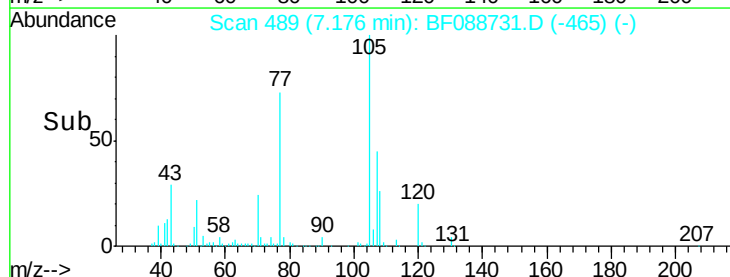
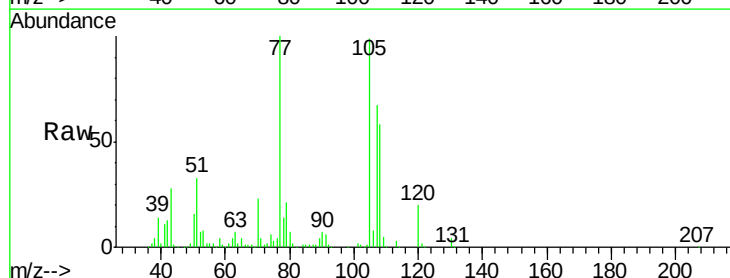
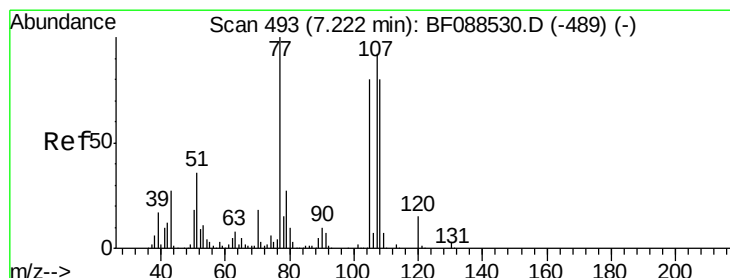
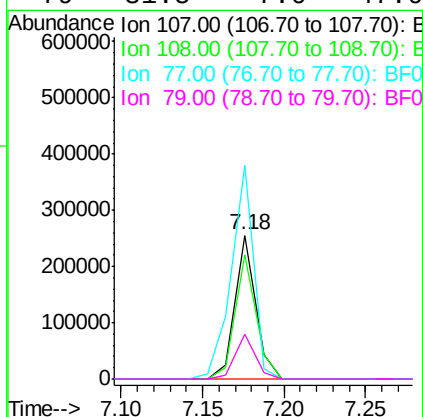
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

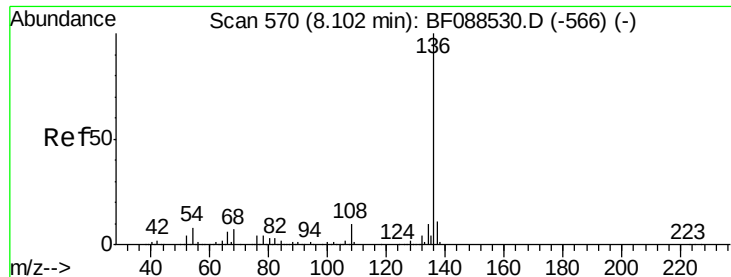
Tot Ion: 70 Resp: 198896
Ion Ratio Lower Upper
70 100
42 48.6 49.6 74.4#
101 9.9 7.1 10.7
130 21.3 15.4 23.2



#20
3+4-Methylphenols
Concen: 37.17 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:107 Resp: 222624
Ion Ratio Lower Upper
107 100
108 86.5 67.8 107.8
77 148.8 59.3 99.3#
79 31.5 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 355026

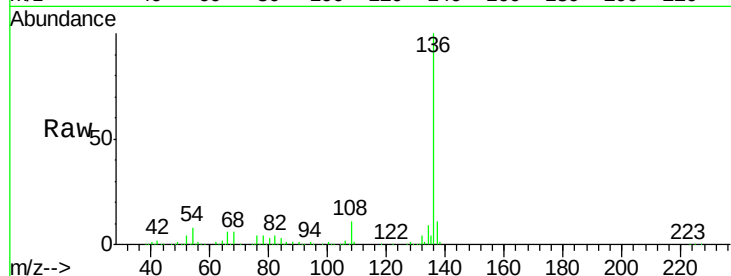
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.1 6.6 10.0

68 6.4 5.1 7.7

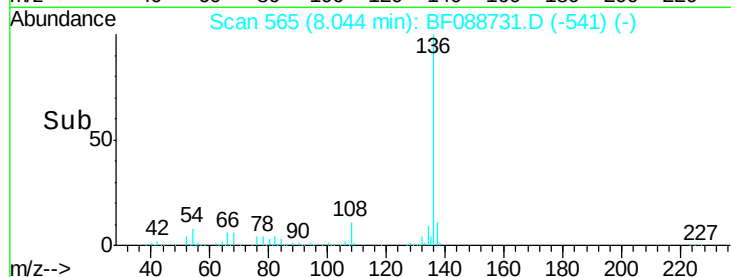


Abundance Ion 136.00 (135.70 to 136.70): E

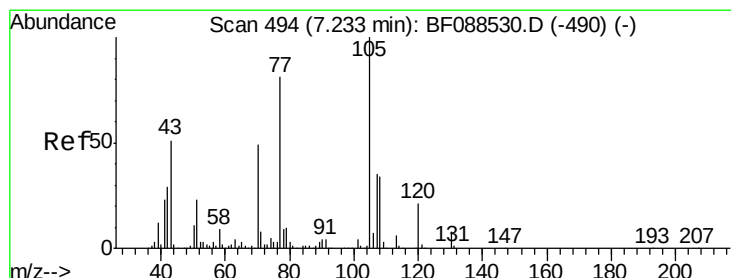
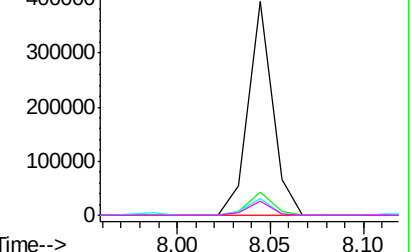
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.47 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:105 Resp: 357323

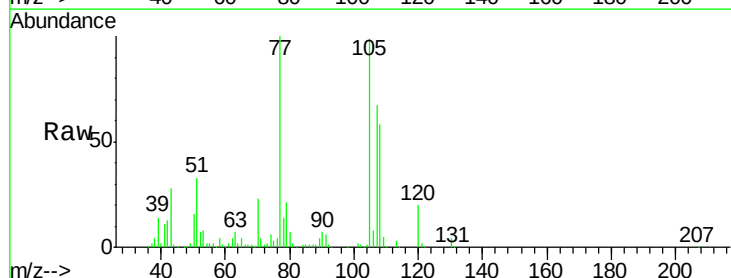
Ion Ratio Lower Upper

105 100

71 3.8 5.3 7.9#

51 33.0 18.2 27.4#

120 19.9 18.0 27.0

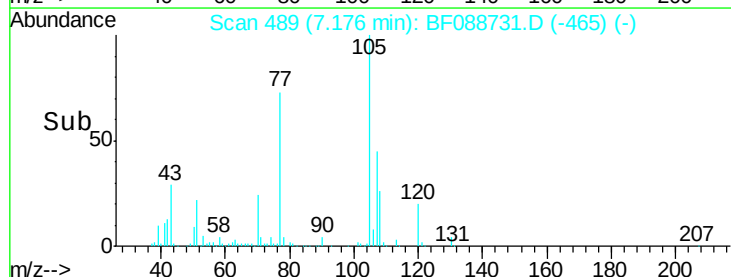


Abundance Ion 105.00 (104.70 to 105.70): E

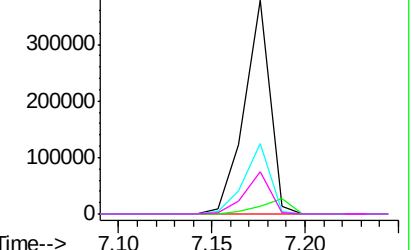
Ion 71.00 (70.70 to 71.70): BF0

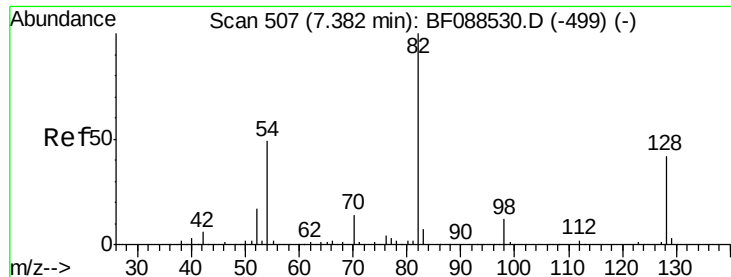
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

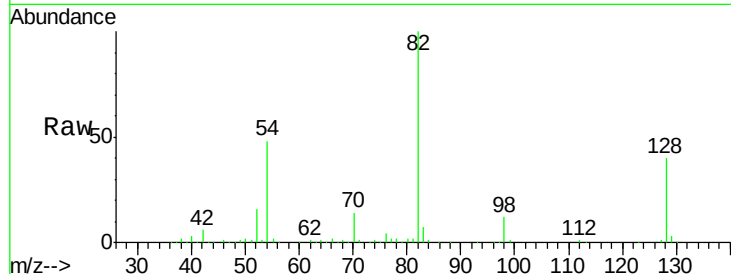




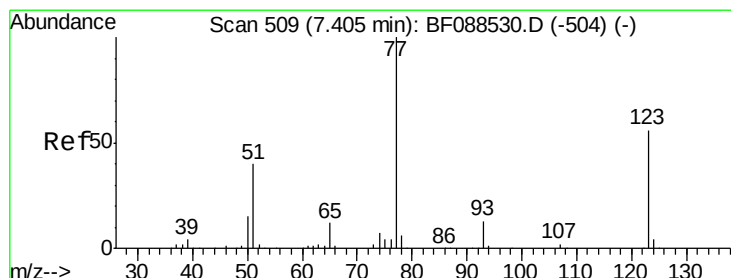
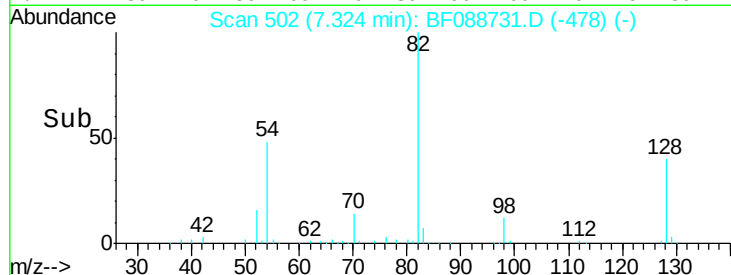
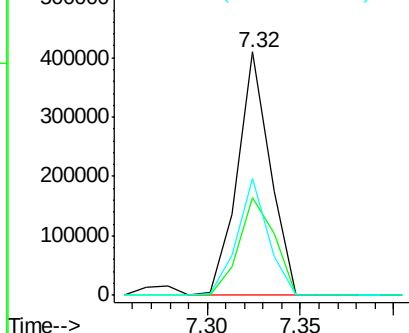
#23
 Nitrobenzene-d5
 Concen: 73.66 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	499027
Ion Ratio	100	Lower	Upper
128	40.3	35.9	53.9
54	48.2	40.9	61.3

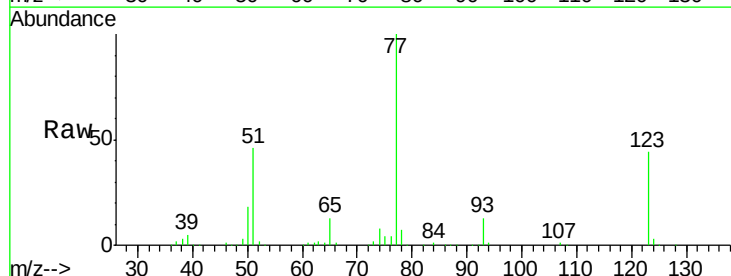


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

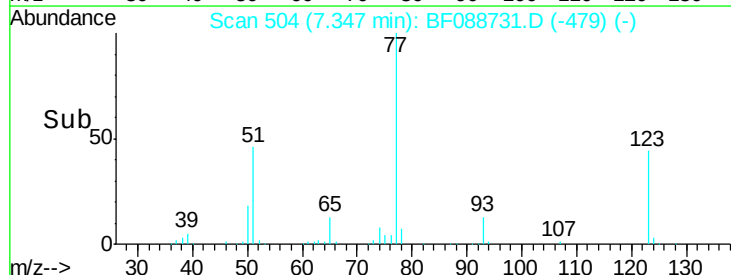
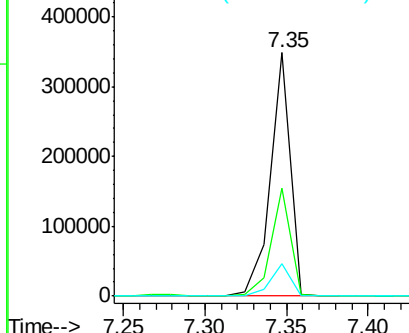


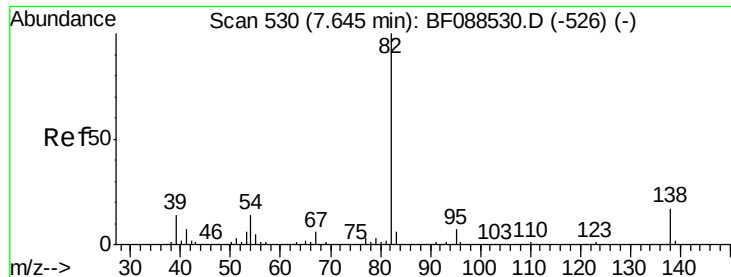
#24
 Nitrobenzene
 Concen: 43.58 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	77	Resp	297661
Ion Ratio	100	Lower	Upper
123	44.5	45.0	67.4#
65	13.1	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: 37.86 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

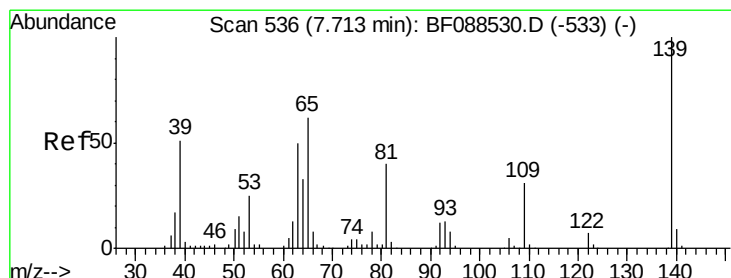
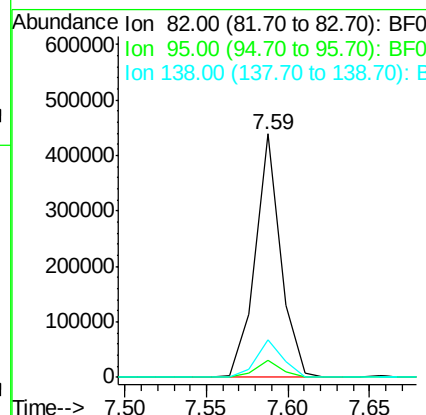
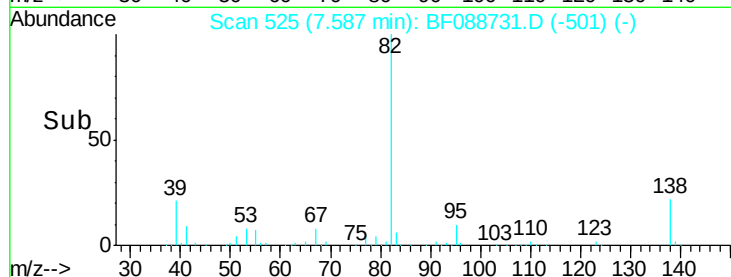
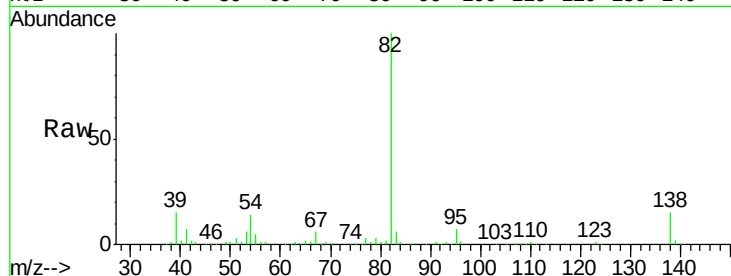
Tot Ion: 82 Resp: 475062

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 15.2 14.6 21.8



#26

2-Nitrophenol

Concen: 45.59 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

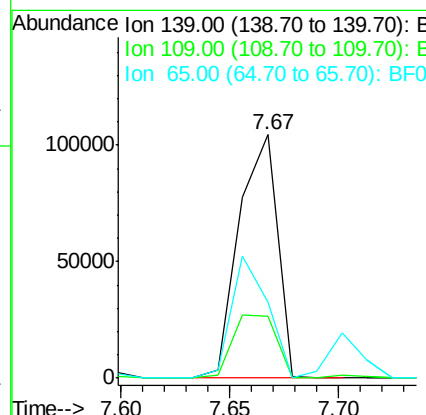
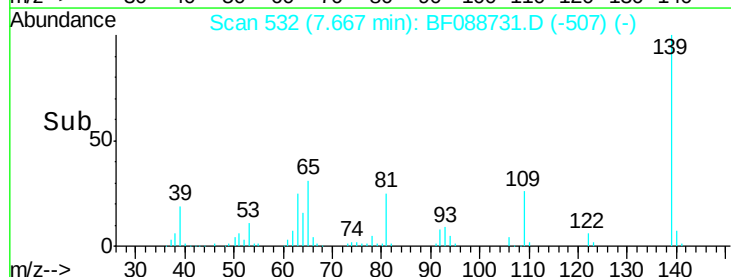
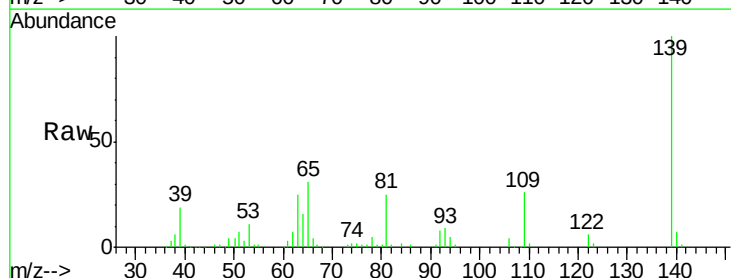
Tgt Ion: 139 Resp: 127696

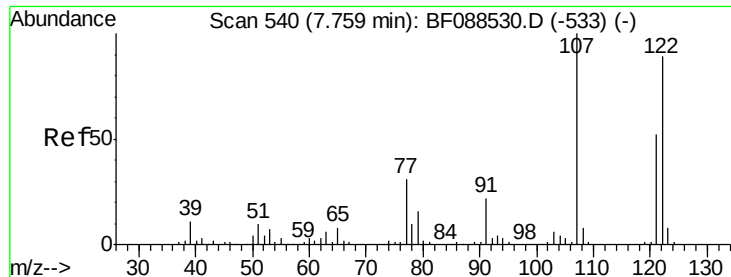
Ion Ratio Lower Upper

139 100

109 25.6 23.0 34.4

65 31.5 45.8 68.8#

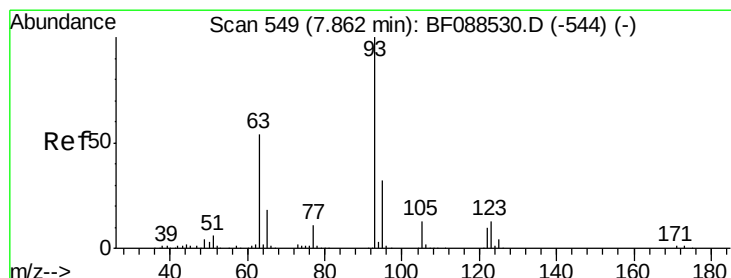
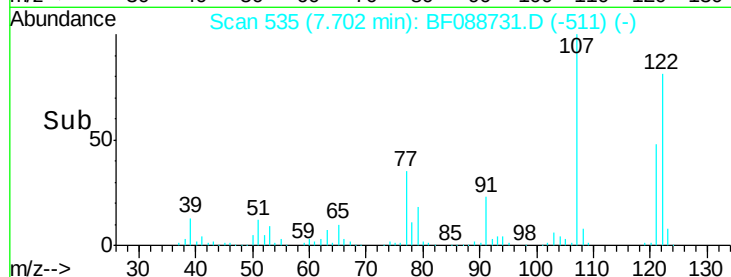
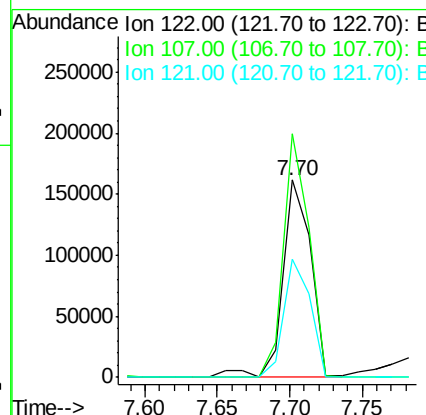
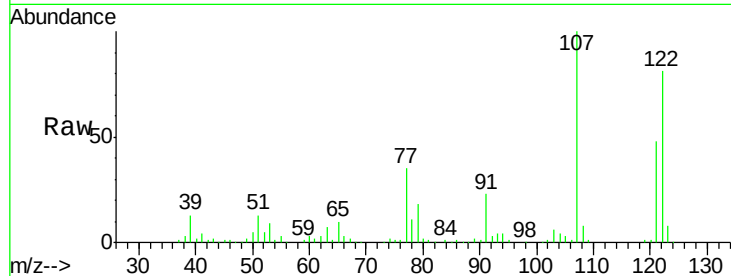




#27
2,4-Dimethylphenol
Concen: 36.93 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

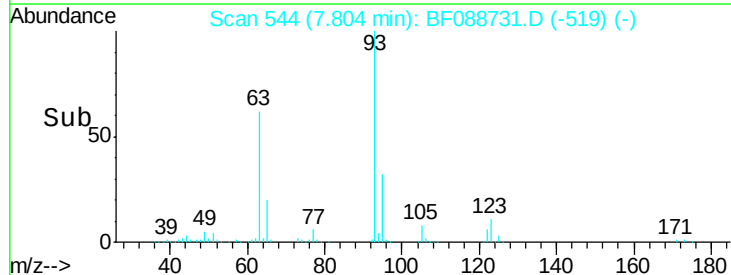
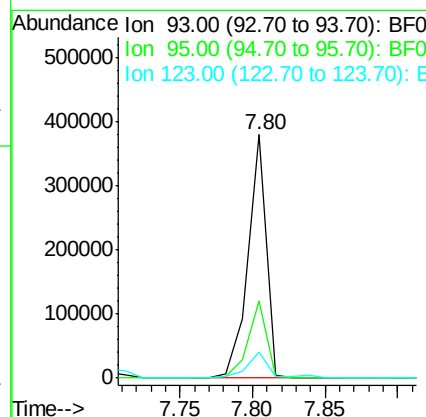
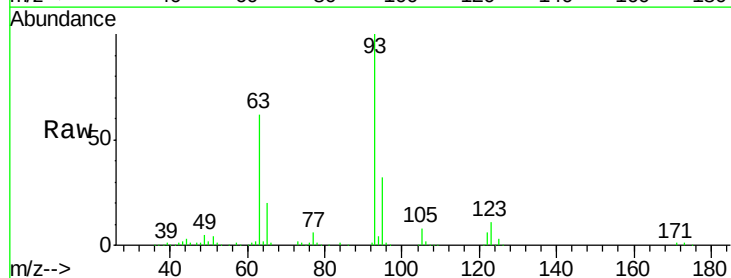
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

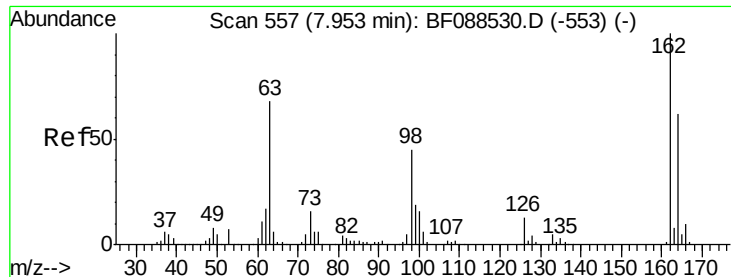
Tot Ion:122 Resp: 215467
Ion Ratio Lower Upper
122 100
107 123.5 82.4 123.6
121 59.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.81 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion: 93 Resp: 333287
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 10.6 11.6 17.4#

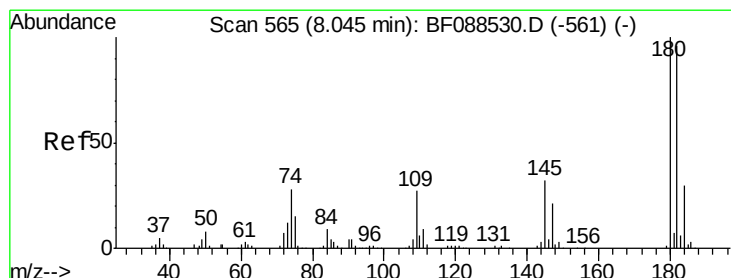
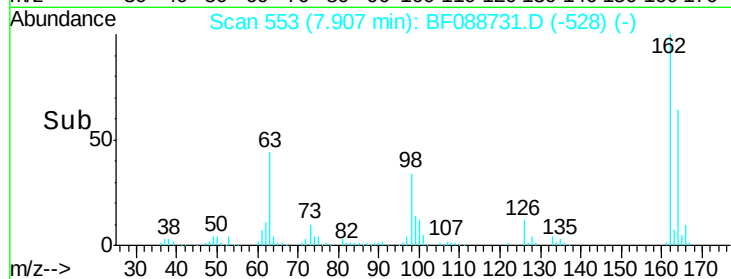
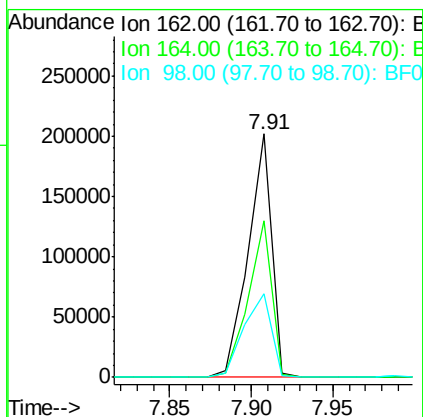
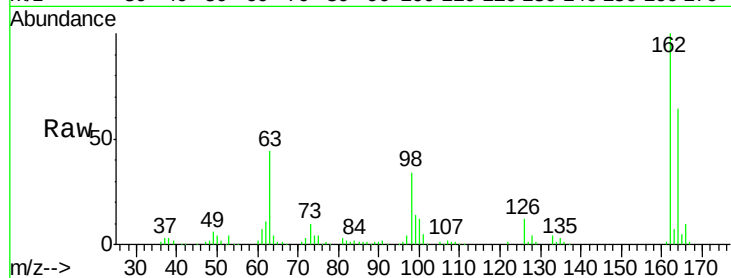




#29
 2,4-Dichlorophenol
 Concen: 42.84 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

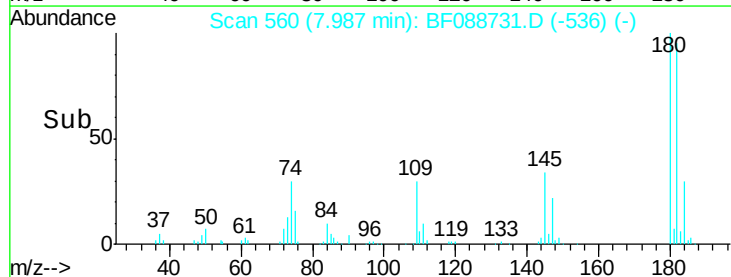
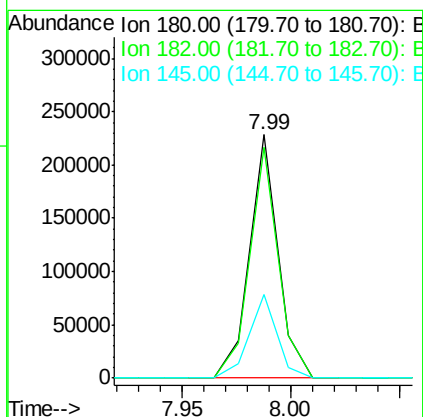
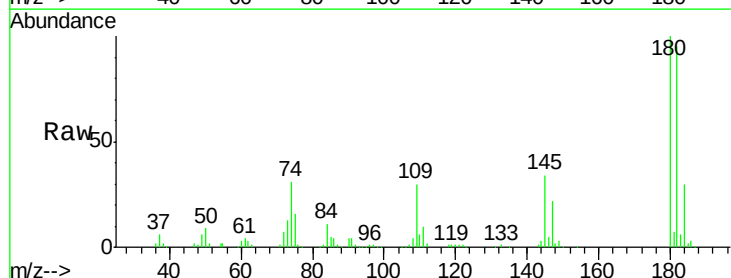
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

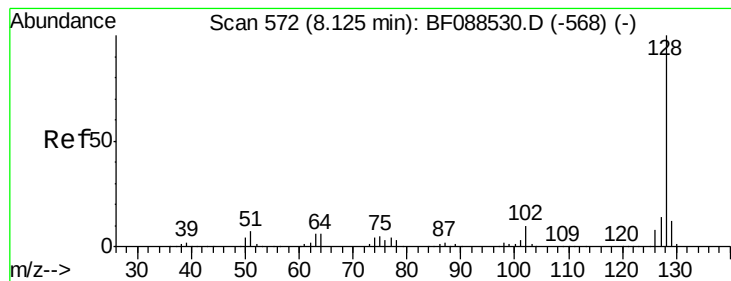
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	34.3	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.24 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	34.2	26.5	39.7





#31

Naphthalene

Concen: 40.58 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

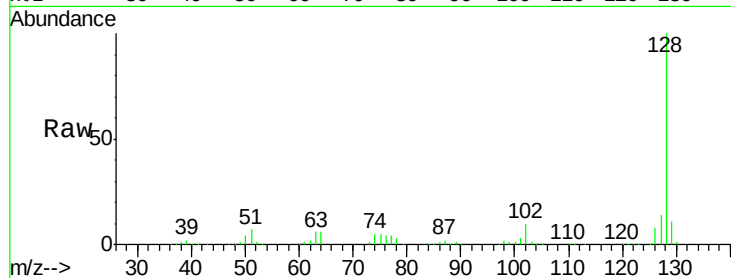
Tot Ion:128 Resp: 710194

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

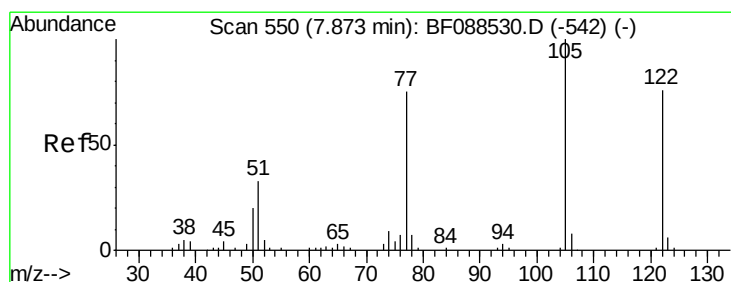
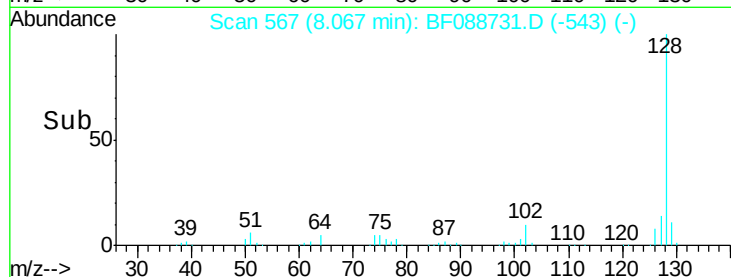
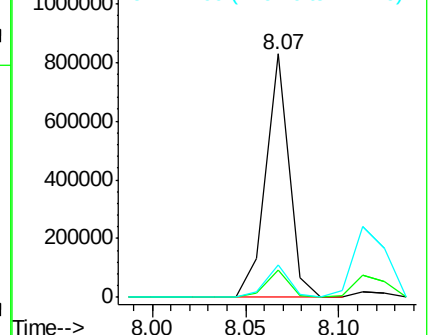
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.24 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

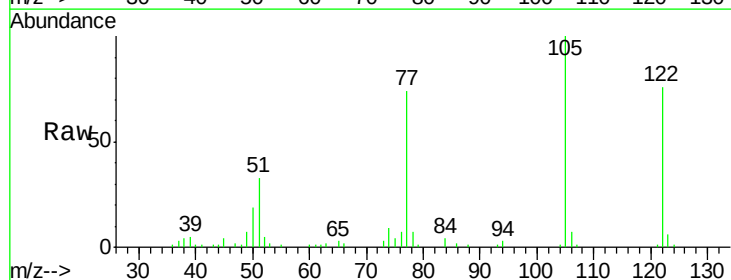
Tgt Ion:122 Resp: 153485

Ion Ratio Lower Upper

122 100

105 131.3 101.6 141.6

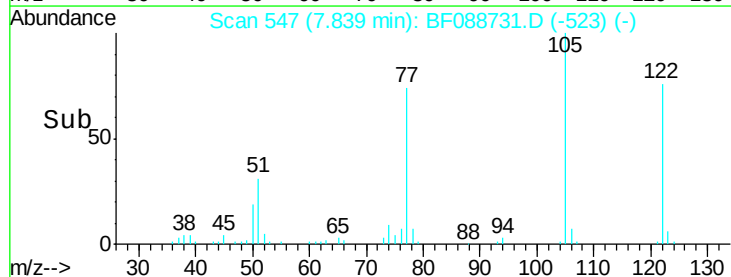
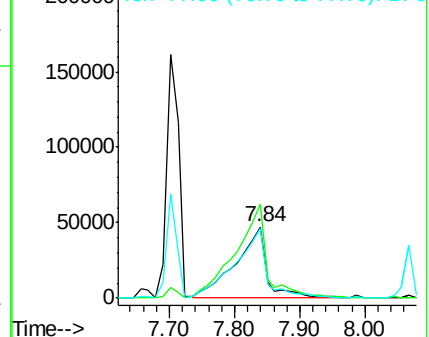
77 97.1 70.6 110.6

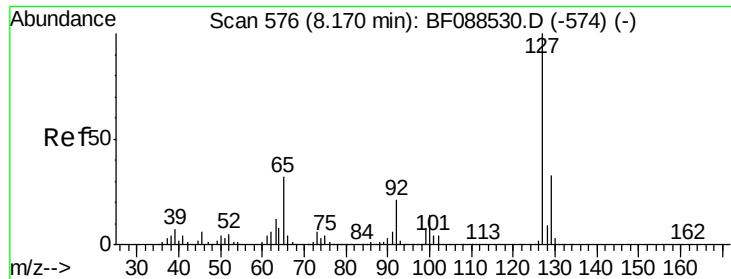


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

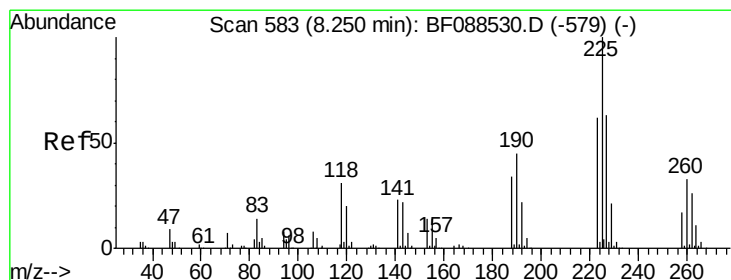
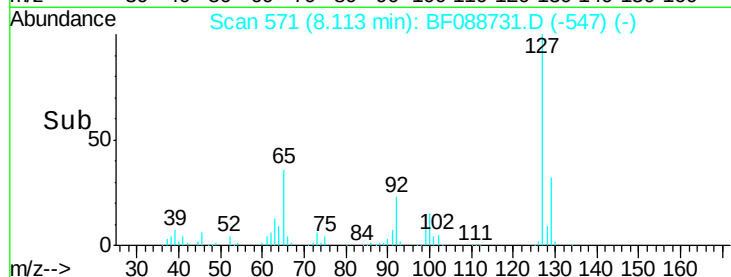
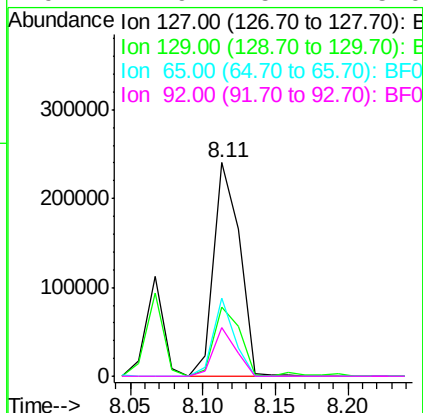
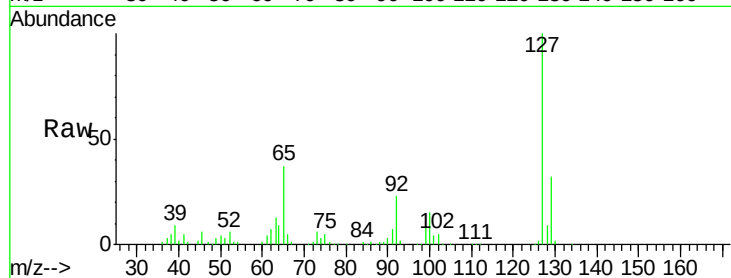




#33
 4-Chloroaniline
 Concen: 38.24 ng
 RT: 8.11 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

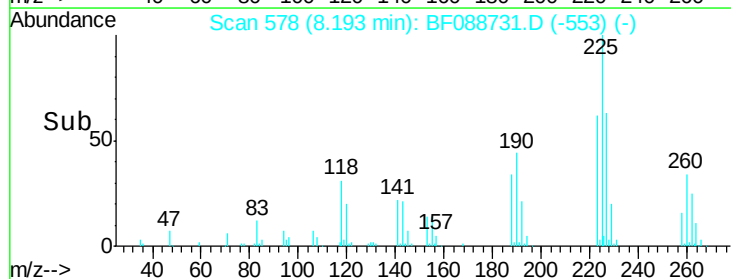
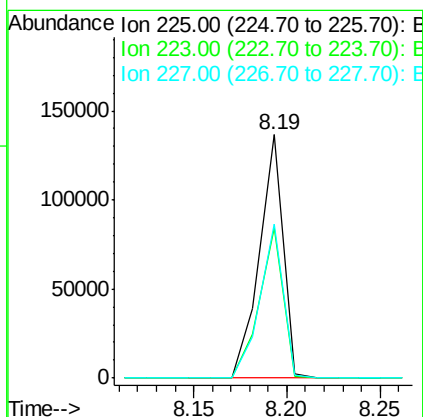
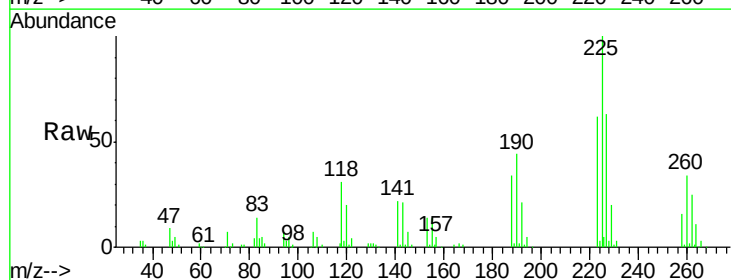
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

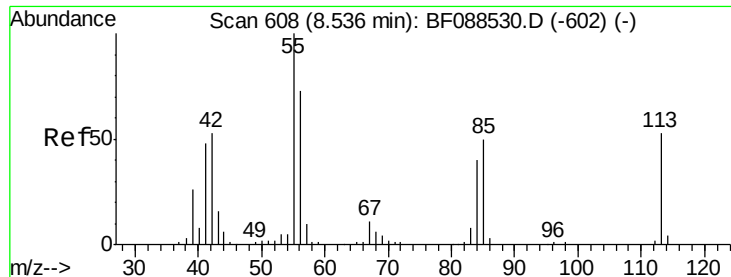
Tot Ion:	127	Resp:	297807
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	36.7	24.7	37.1
92	22.9	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 44.09 ng
 RT: 8.19 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:	225	Resp:	122144
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	63.4	51.9	77.9

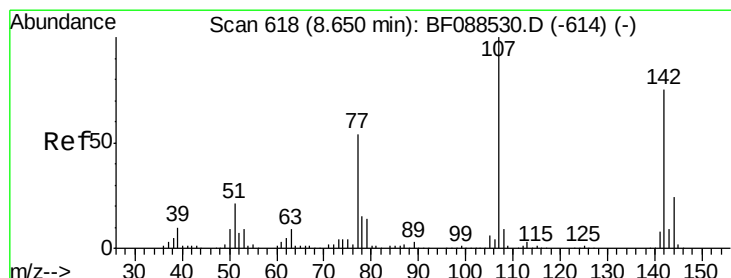
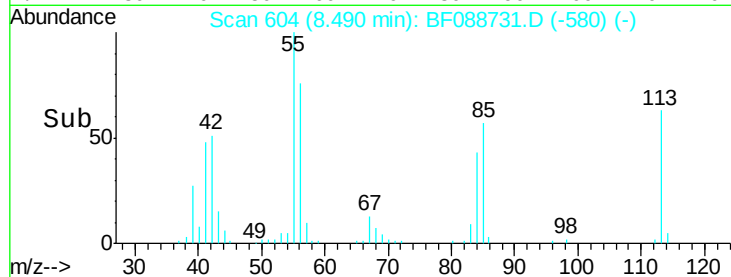
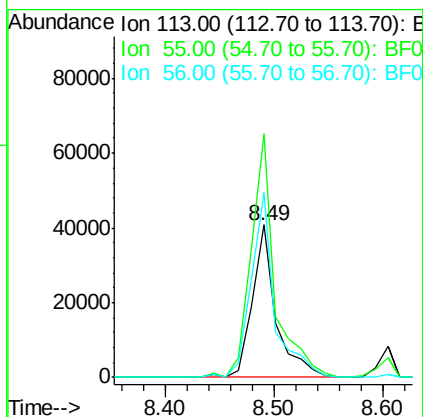
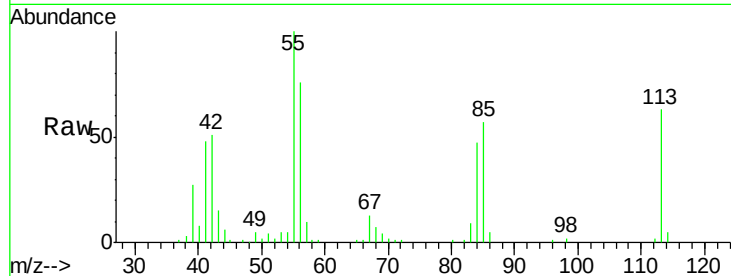




#35
 Caprolactam
 Concen: 38.93 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

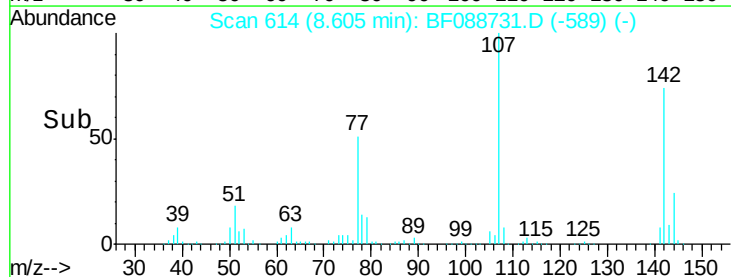
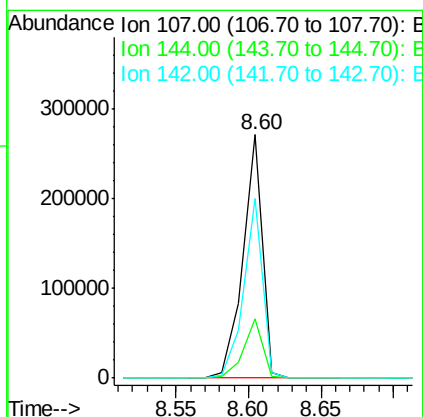
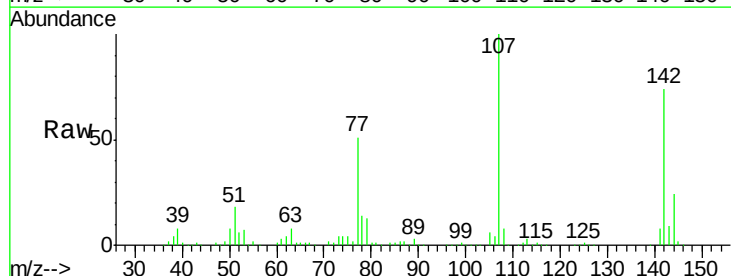
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

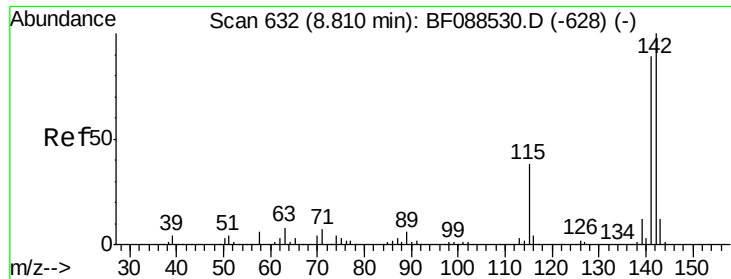
Tot Ion:113 Resp: 62339
 Ion Ratio Lower Upper
 113 100
 55 159.7 158.6 198.6
 56 121.2 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.24 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:107 Resp: 252243
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 73.8 63.4 95.2

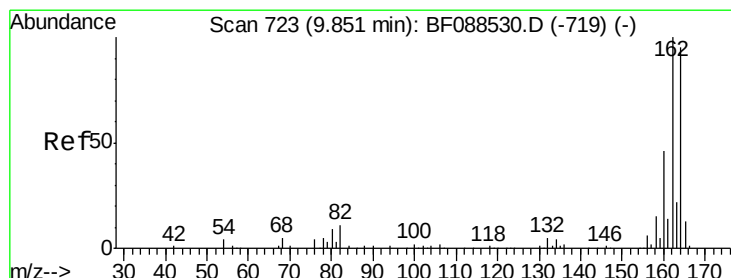
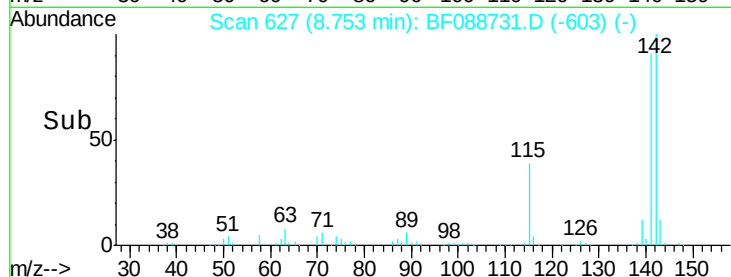
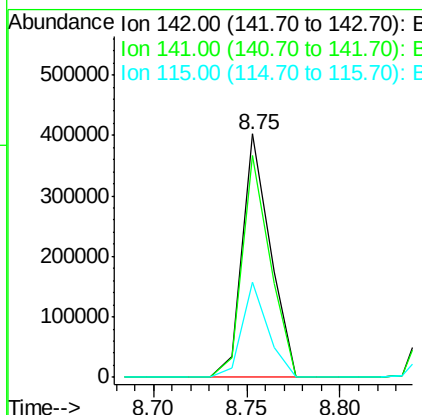
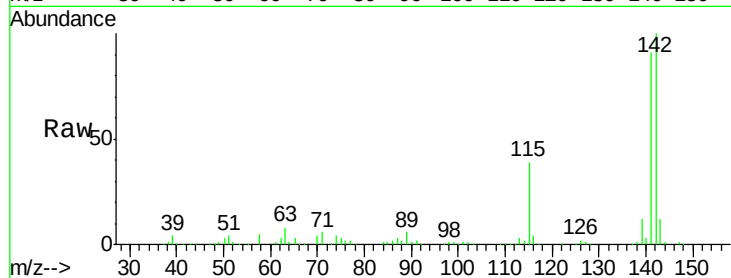




#37
 2-Methylnaphthalene
 Concen: 37.18 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

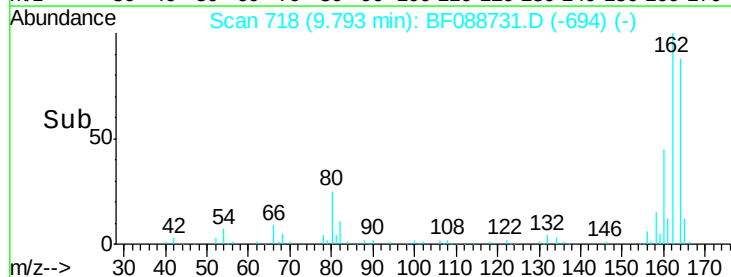
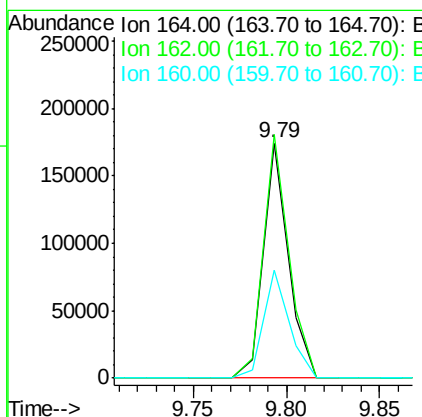
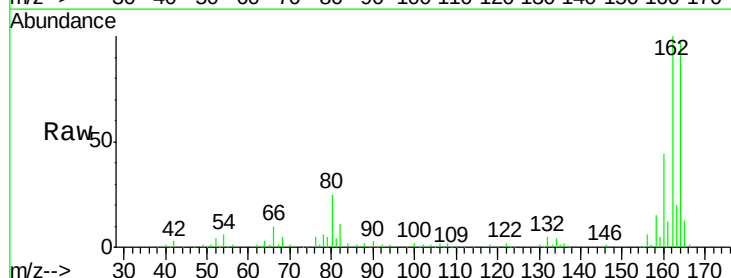
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

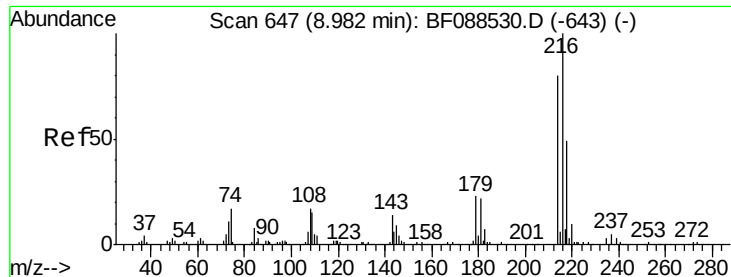
Tot Ion:142 Resp: 419064
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.0 106.6
 115 39.1 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:164 Resp: 159461
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 46.1 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.63 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 231421

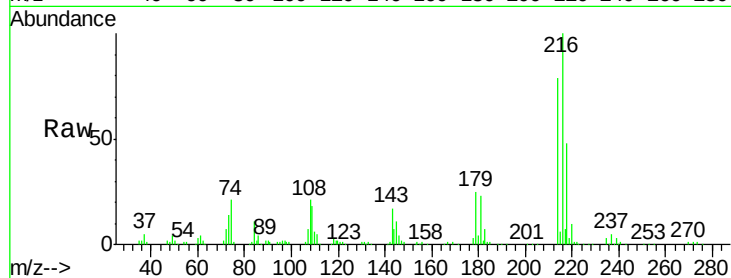
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 24.4 0.0 0.0#

108 23.4 0.5 0.7#

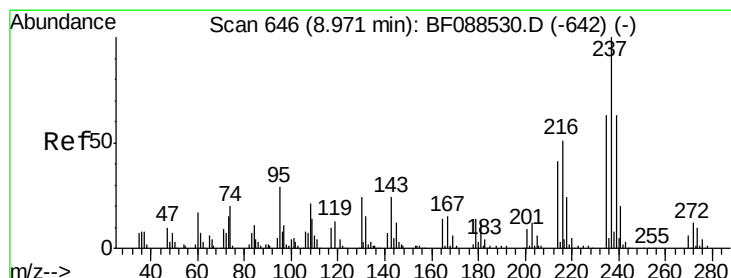
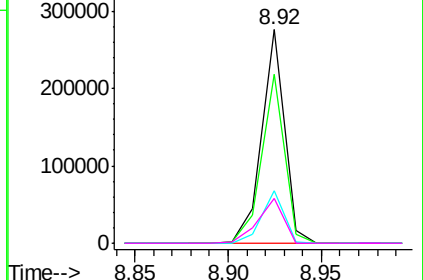
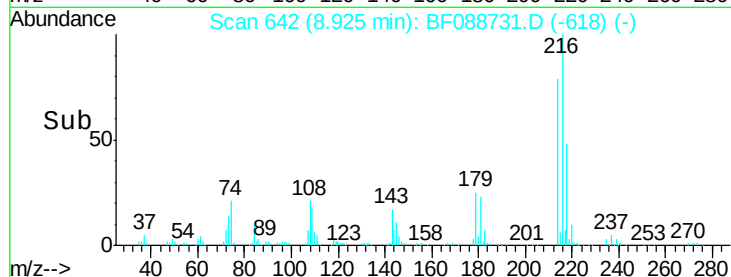


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.81 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

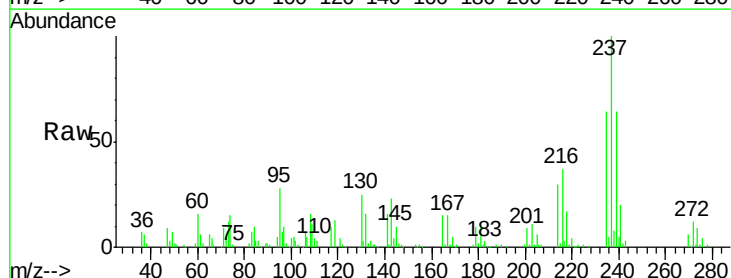
Tgt Ion:237 Resp: 98432

Ion Ratio Lower Upper

237 100

235 63.5 43.4 83.4

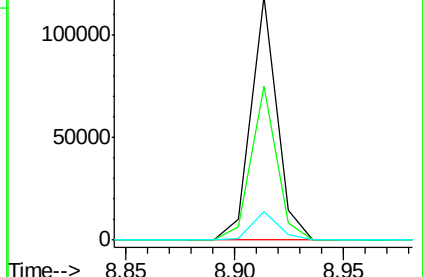
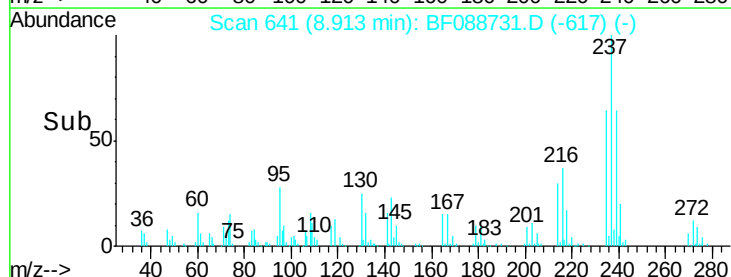
272 11.9 0.0 32.3

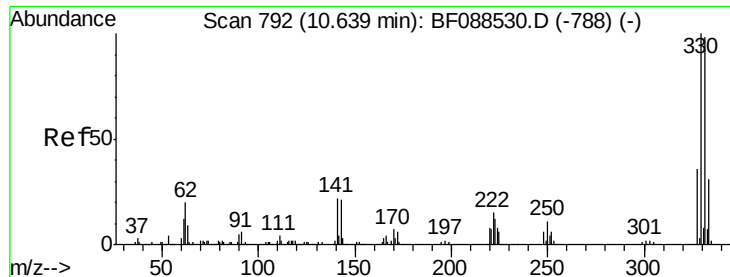


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

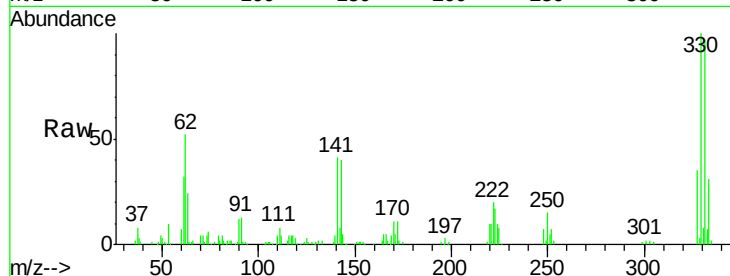




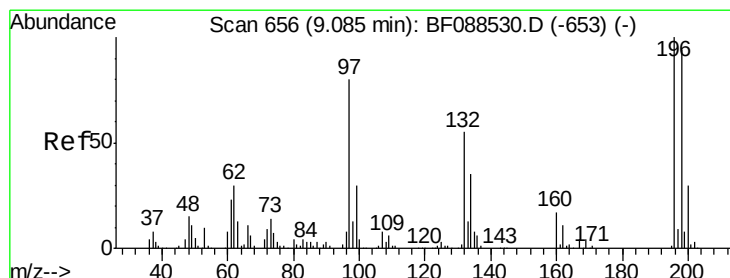
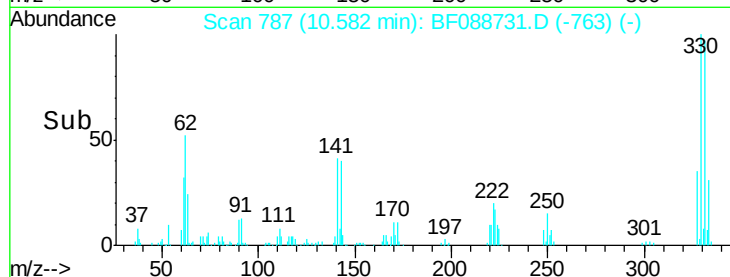
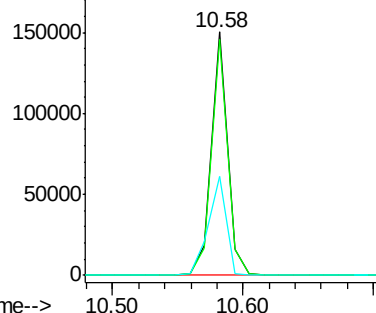
#41
 2,4,6-Tribromophenol
 Concen: 86.96 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	44.7	0.0	0.0#

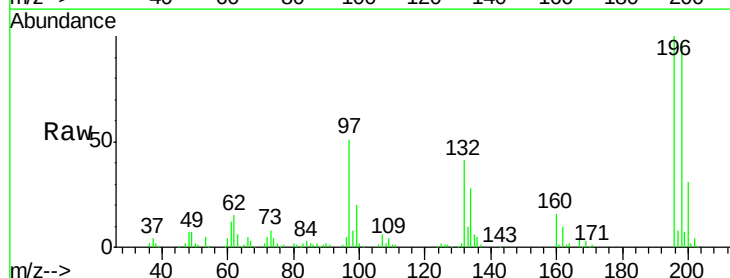


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

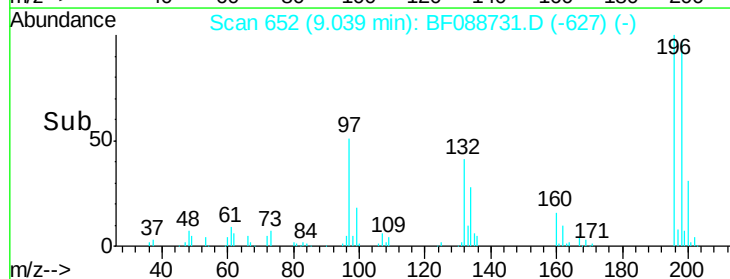
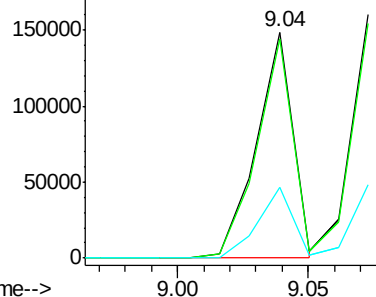


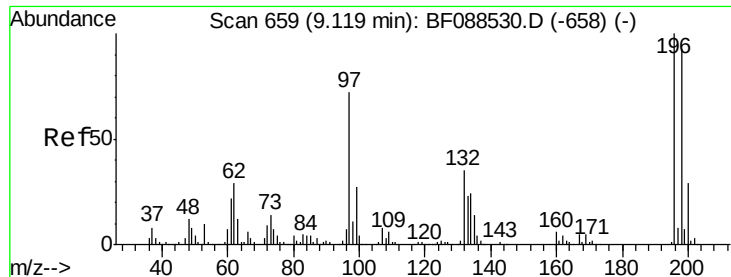
#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.0	117.0
200	31.5	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

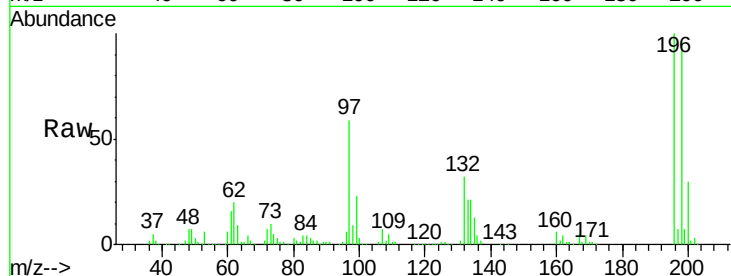




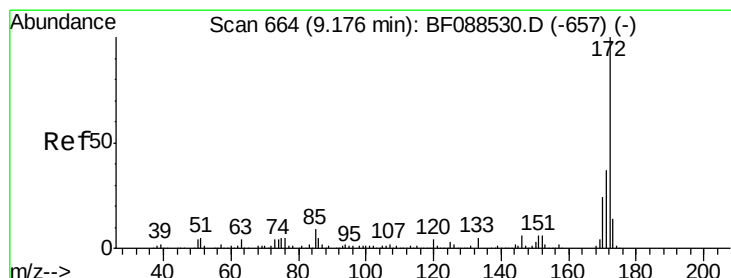
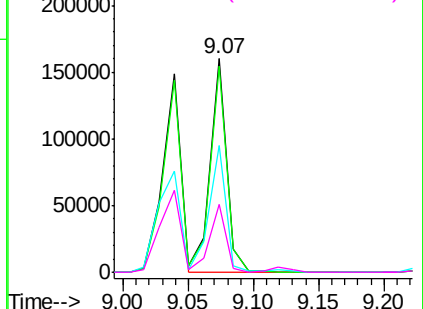
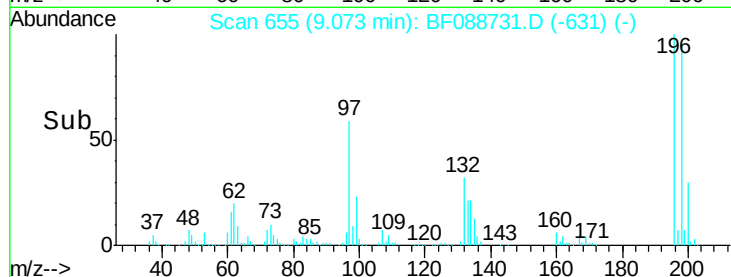
#43
 2,4,5-Trichlorophenol
 Concen: 47.03 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 141500
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.5 116.3
 97 59.2 32.0 48.0#
 132 32.0 20.9 31.3#

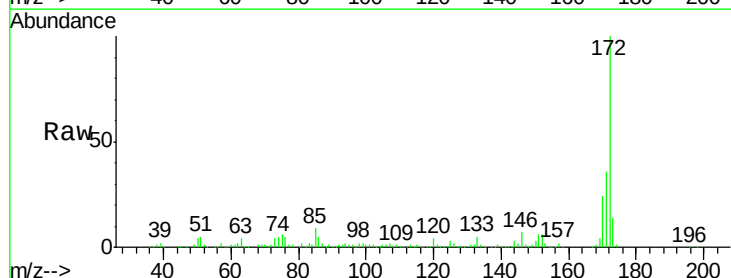


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

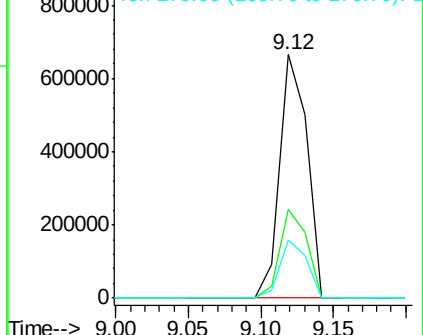
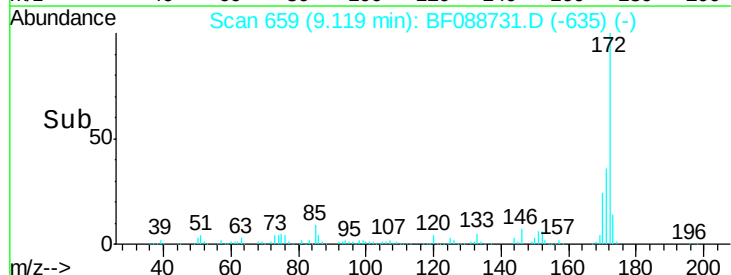


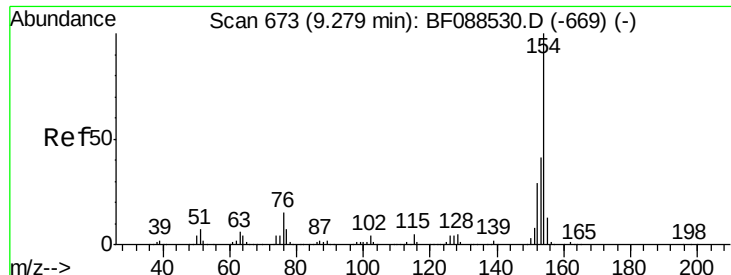
#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:172 Resp: 865223
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 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: 42.05 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

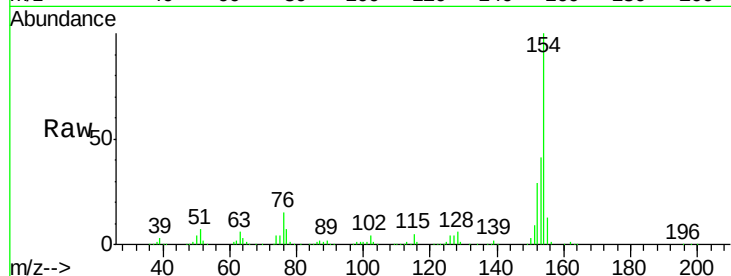
Tot Ion:154 Resp: 555196

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

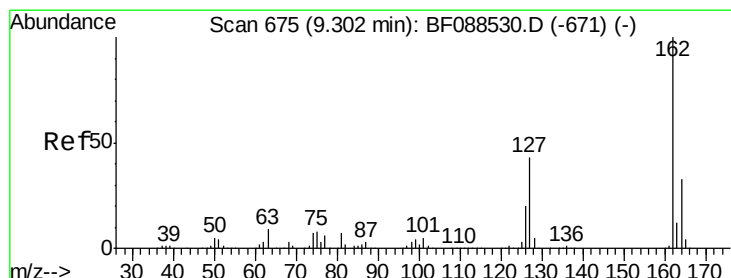
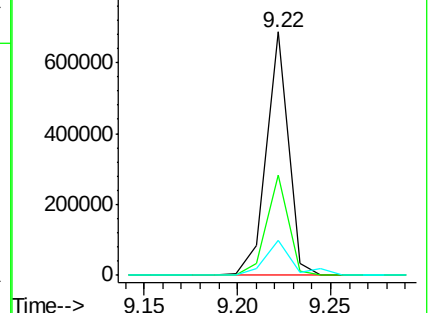
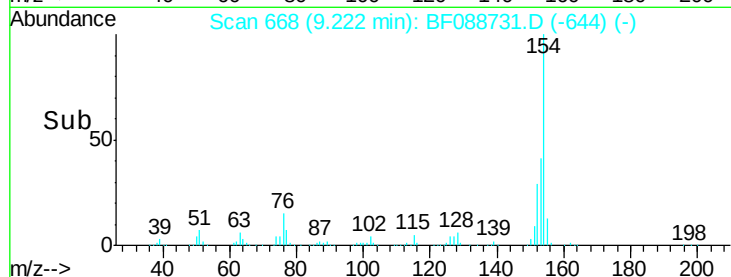
76 14.6 0.0 35.1



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: 42.61 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

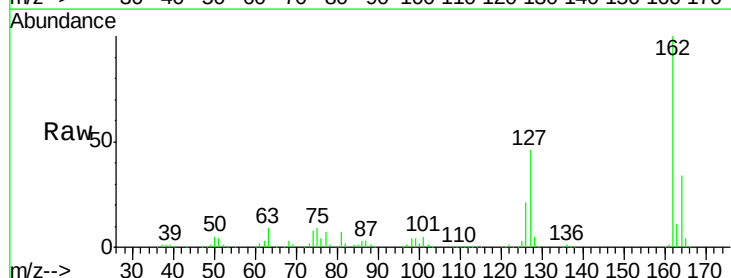
Tgt Ion:162 Resp: 441673

Ion Ratio Lower Upper

162 100

127 45.9 35.2 52.8

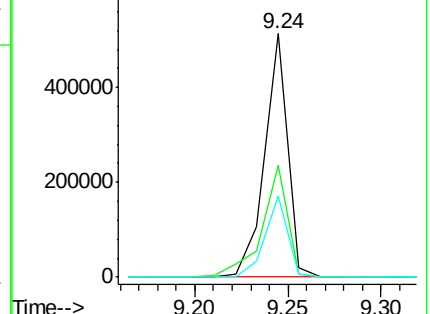
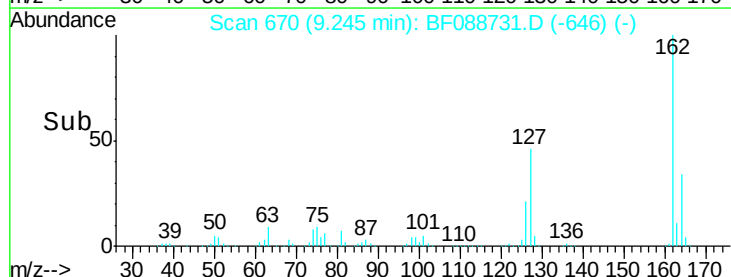
164 33.6 26.6 39.8

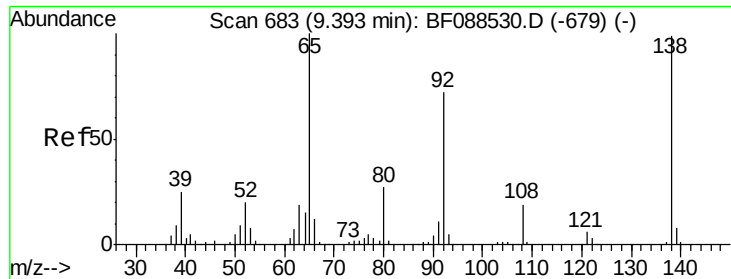


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

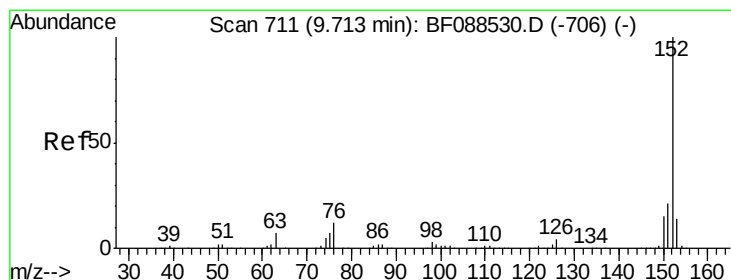
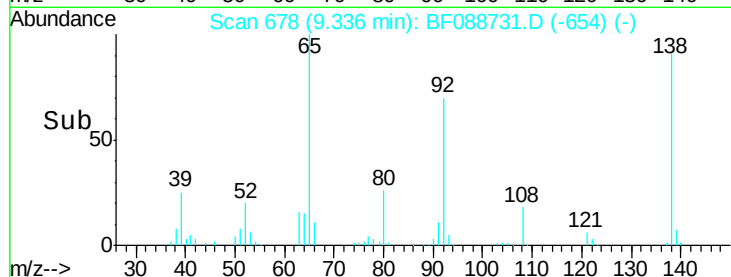
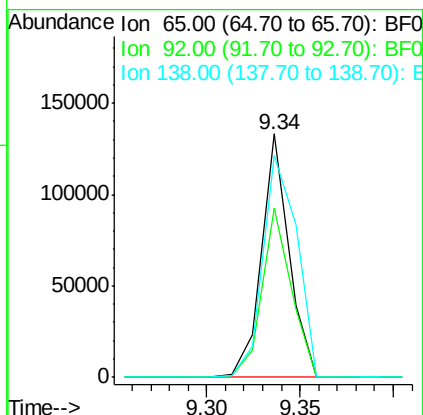
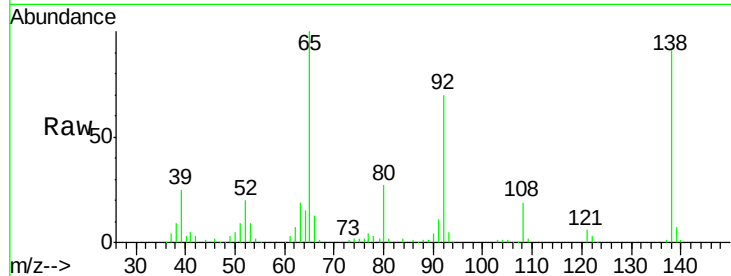




#47
2-Nitroaniline
Concen: 36.75 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

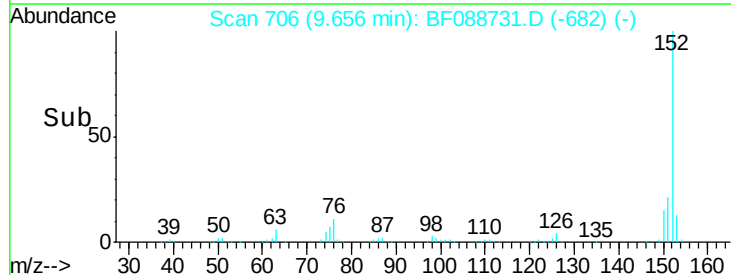
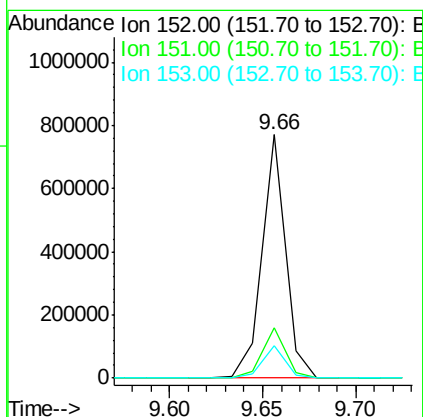
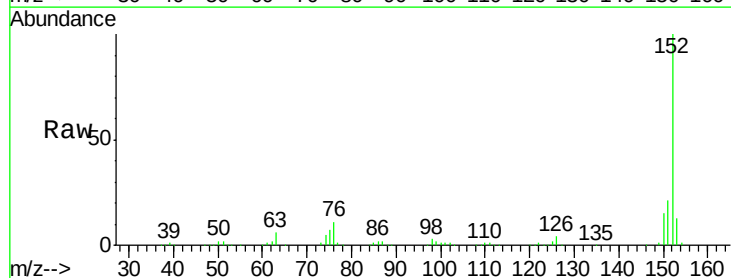
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

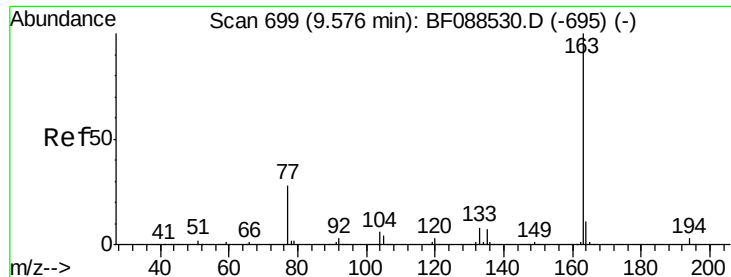
Tot Ion: 65 Resp: 135188
Ion Ratio Lower Upper
65 100
92 69.7 54.6 82.0
138 91.0 77.0 115.4



#48
Acenaphthylene
Concen: 40.42 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion: 152 Resp: 666767
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.5 11.0 16.6

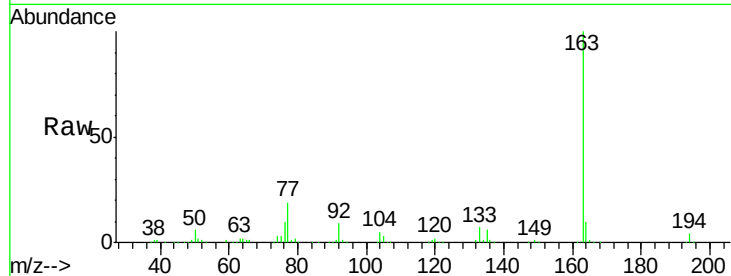




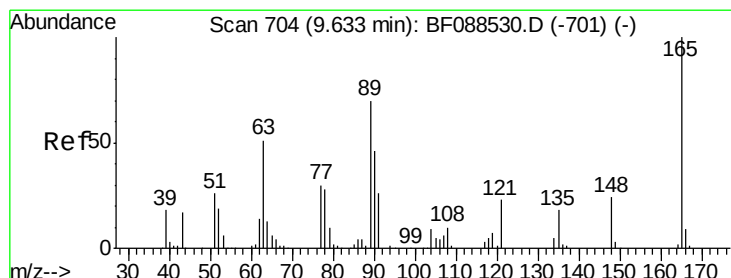
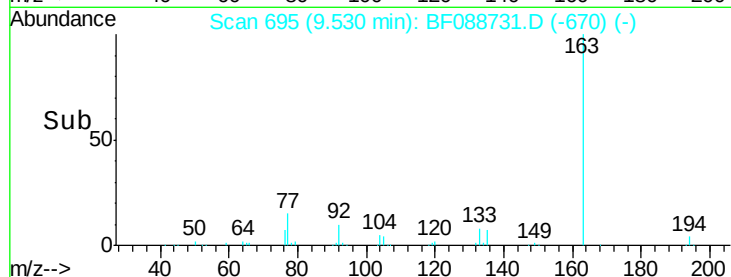
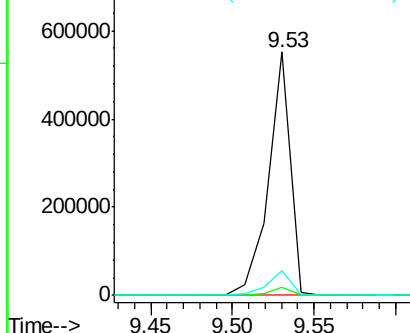
#49
Dimethylphthalate
Concen: 45.10 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 512358
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 8.3 12.5

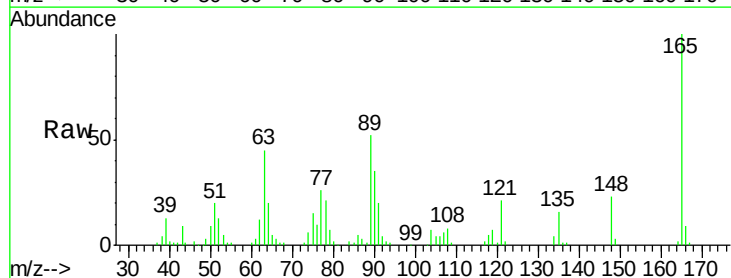


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

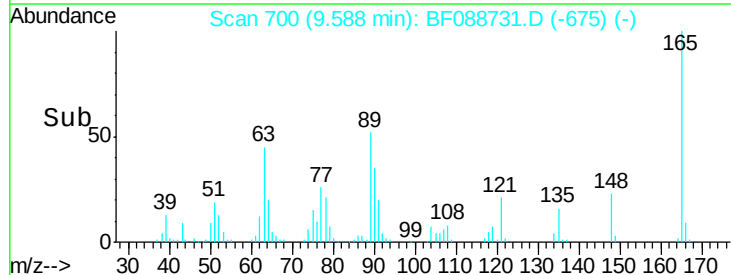
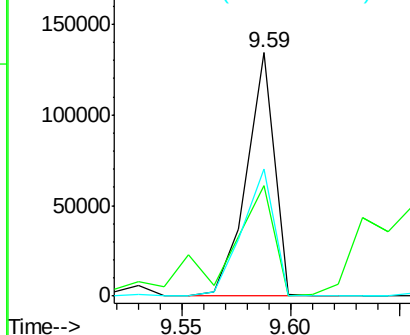


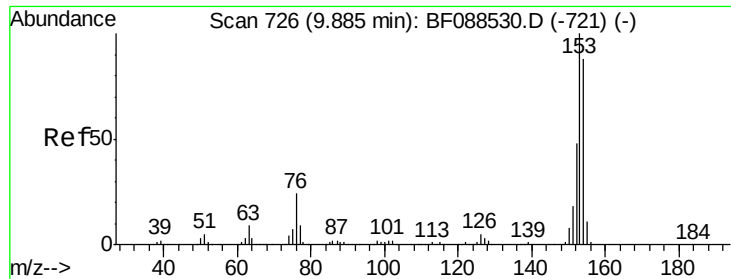
#50
2,6-Dinitrotoluene
Concen: 47.57 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:165 Resp: 119786
Ion Ratio Lower Upper
165 100
63 45.4 28.1 42.1#
89 52.1 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: 40.19 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

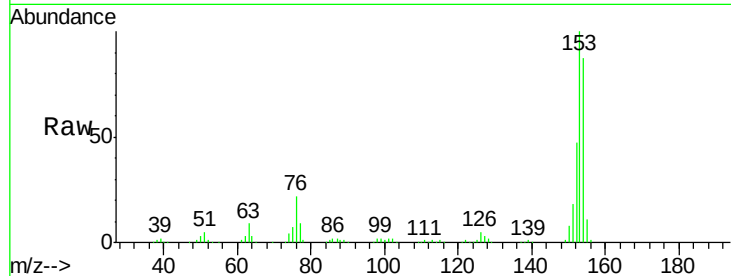
Tot Ion:154 Resp: 406300

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

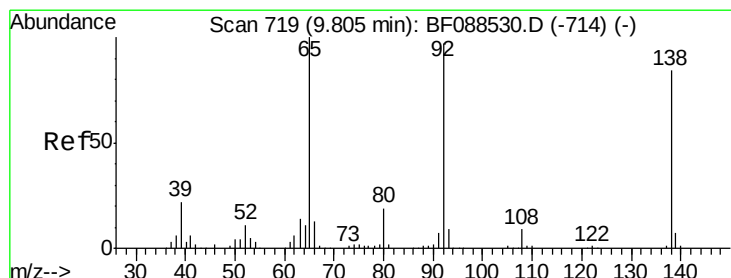
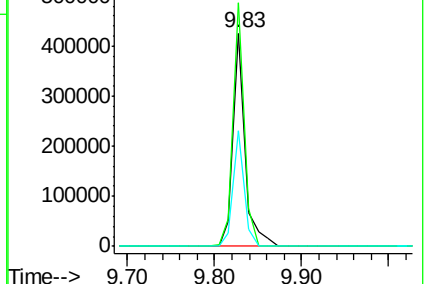
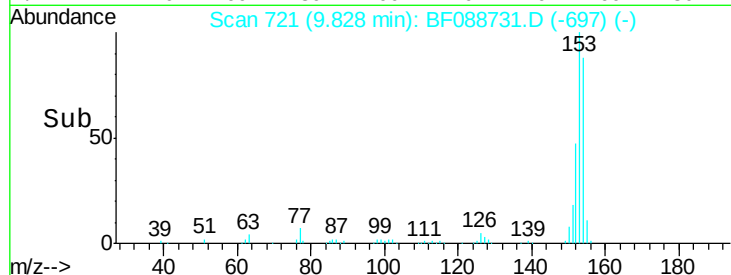
152 54.2 42.7 64.1



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: 36.93 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

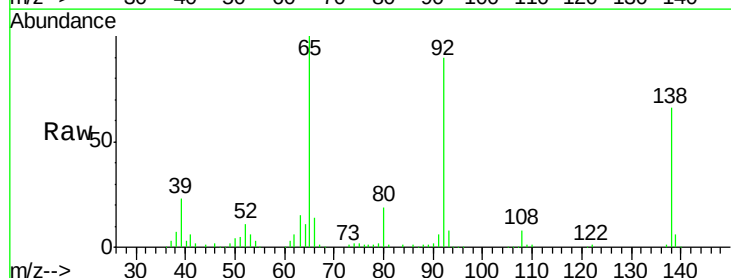
Tgt Ion:138 Resp: 118186

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

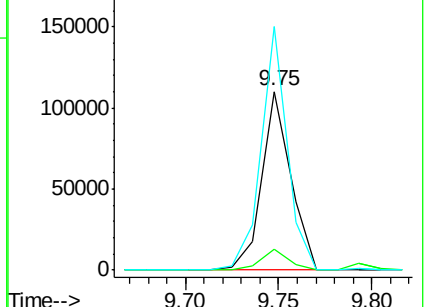
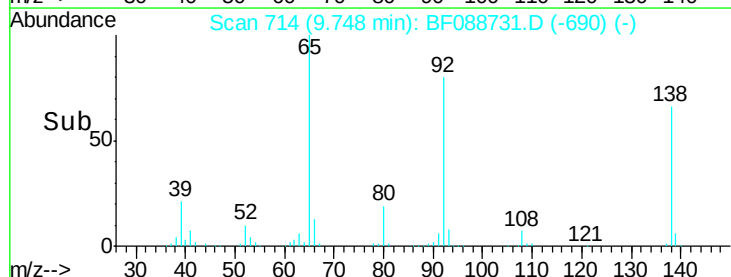
92 136.1 95.7 143.5

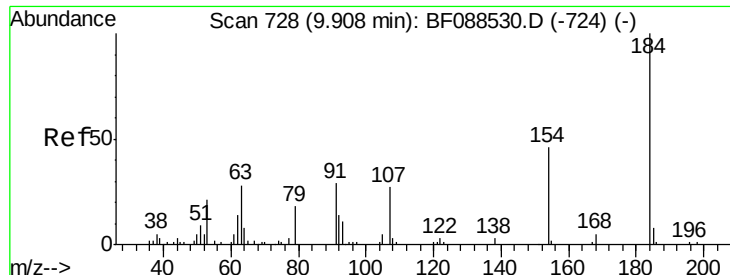


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

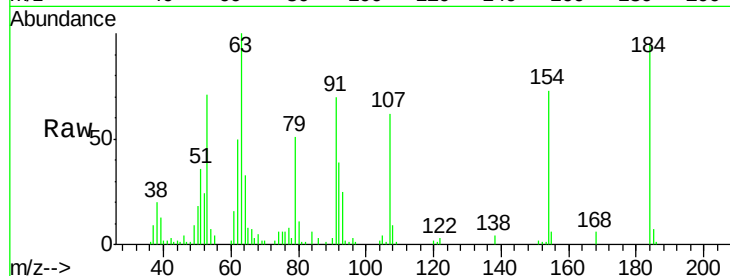




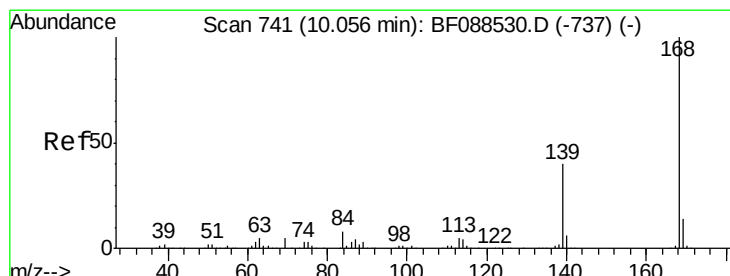
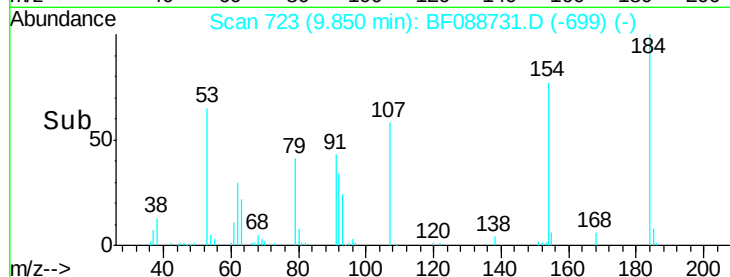
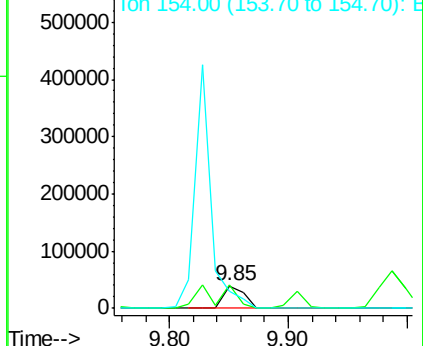
#53
 2,4-Dinitrophenol
 Concen: 44.40 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 49360
 Ion Ratio Lower Upper
 184 100
 63 105.6 57.6 86.4#
 154 76.6 53.5 80.3

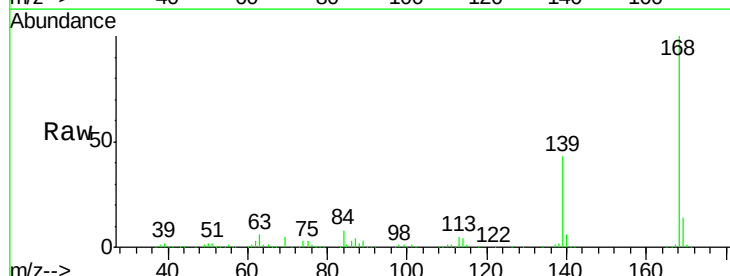


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

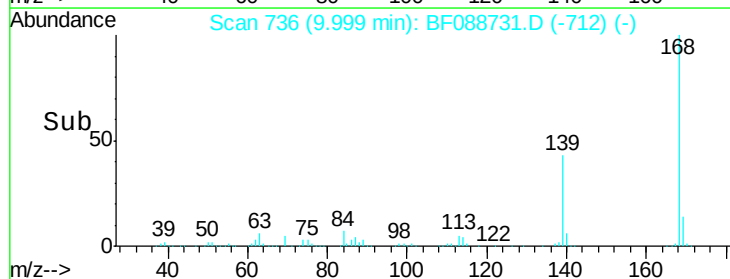
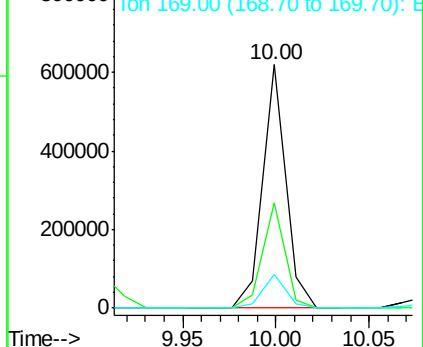


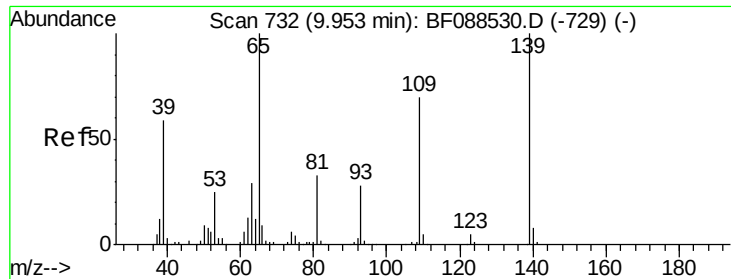
#54
 Dibenzofuran
 Concen: 39.95 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:168 Resp: 528642
 Ion Ratio Lower Upper
 168 100
 139 43.1 26.4 39.6#
 169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

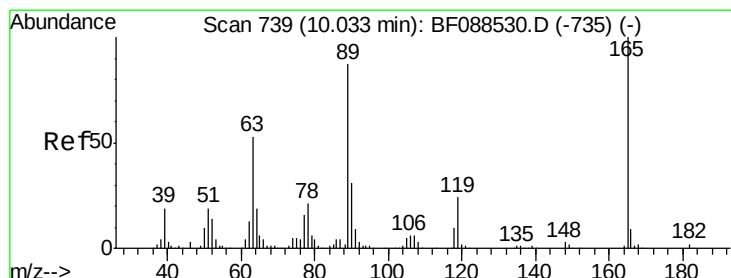
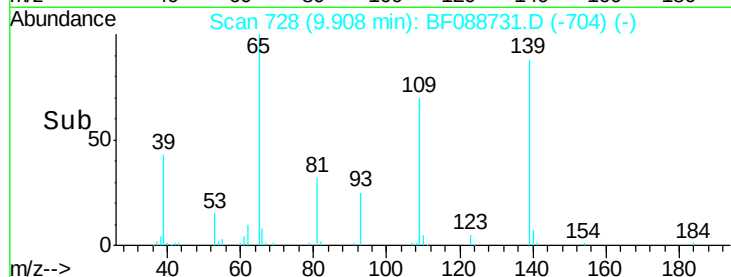
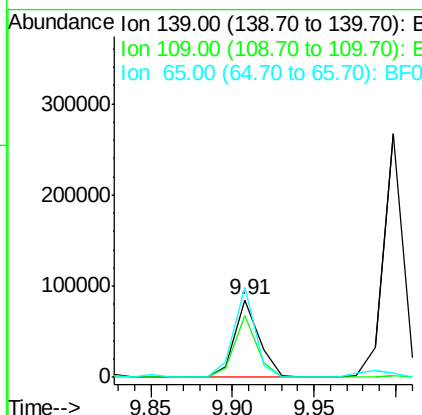
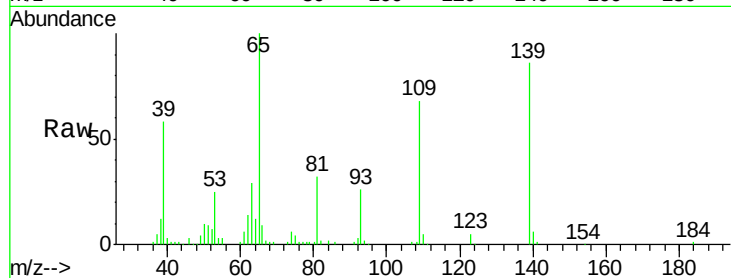




#55
4-Nitrophenol
Concen: 36.48 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

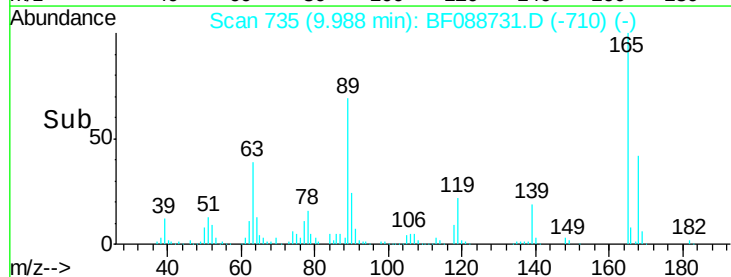
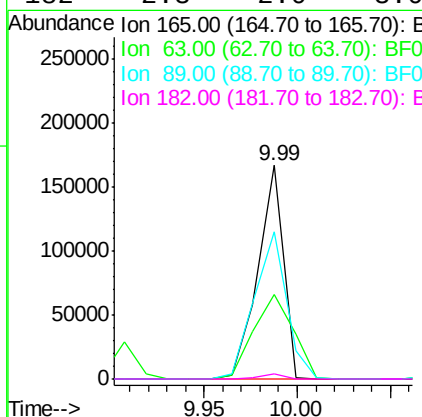
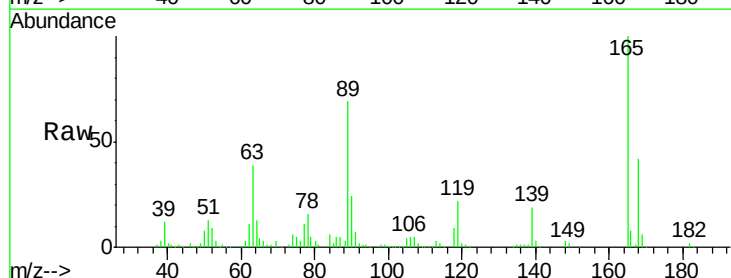
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

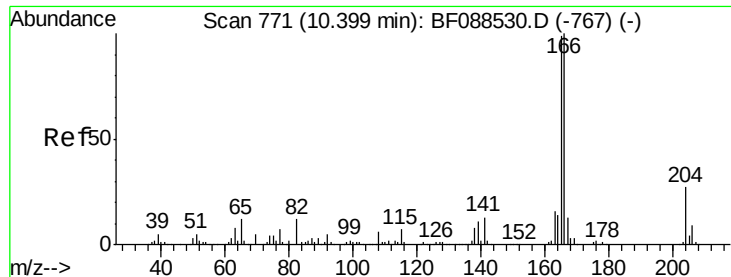
Tot Ion:139 Resp: 88726
Ion Ratio Lower Upper
139 100
109 79.0 48.9 88.9
65 116.1 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 47.85 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:165 Resp: 157529
Ion Ratio Lower Upper
165 100
63 39.4 22.0 33.0#
89 68.7 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 42.48 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

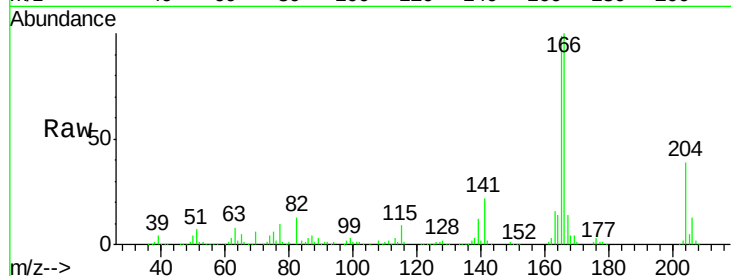
Tot Ion:166 Resp: 433190

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

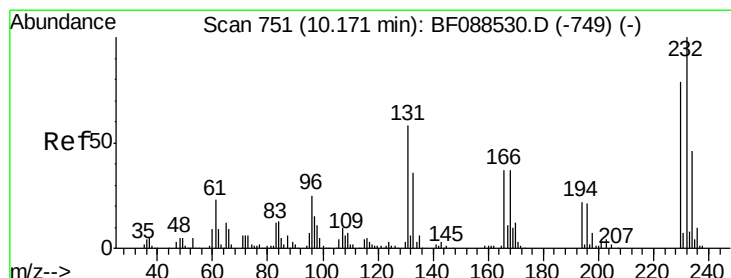
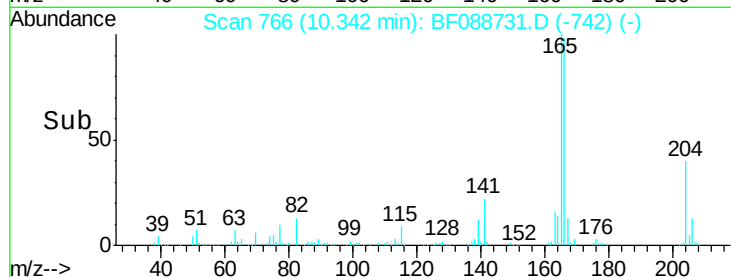
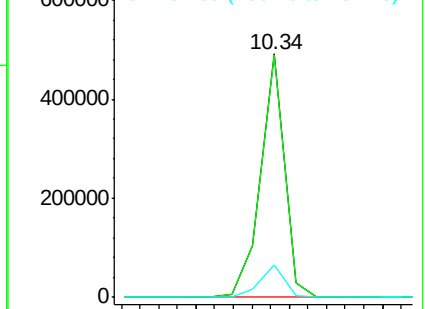
167 13.6 11.2 16.8



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: 42.69 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Tgt Ion:232 Resp: 99370

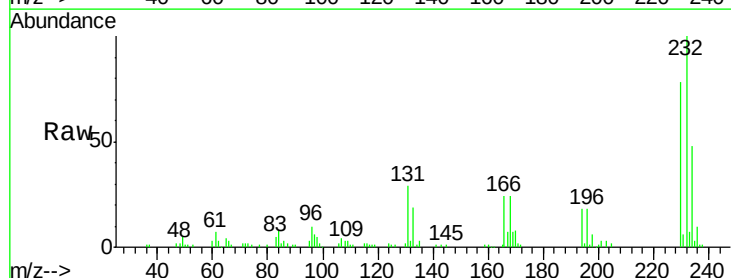
Ion Ratio Lower Upper

232 100

131 53.7 0.9 1.3#

130 2.6 1.5 2.3#

166 34.1 0.5 0.7#

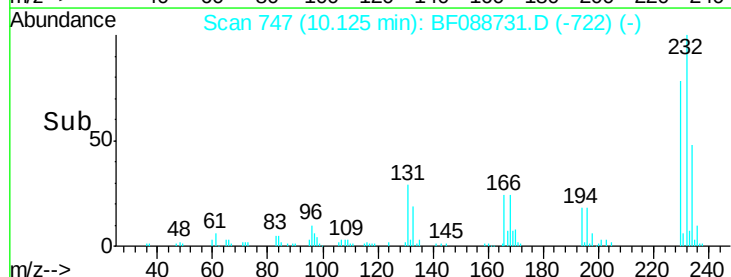
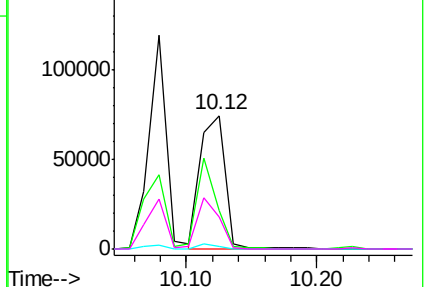


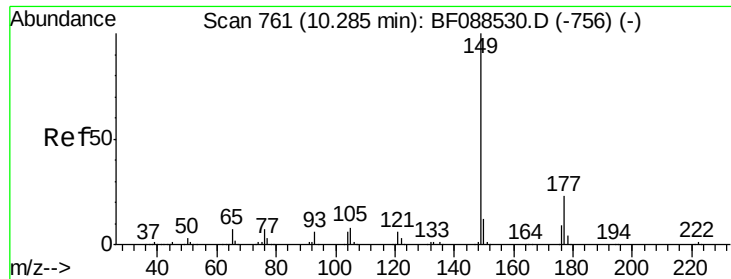
Abundance Ion 232.00 (231.70 to 232.70): E

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

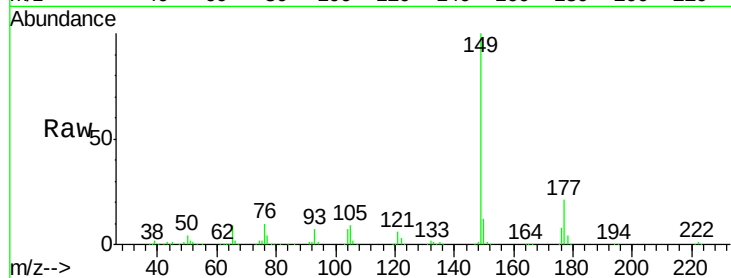




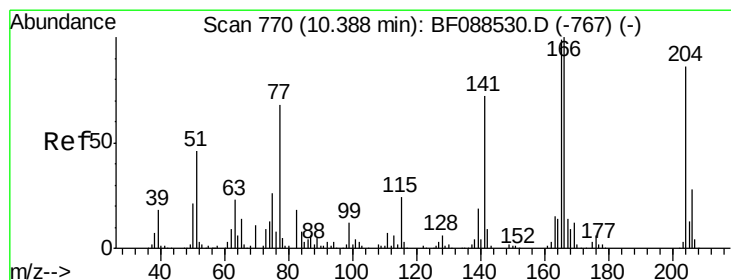
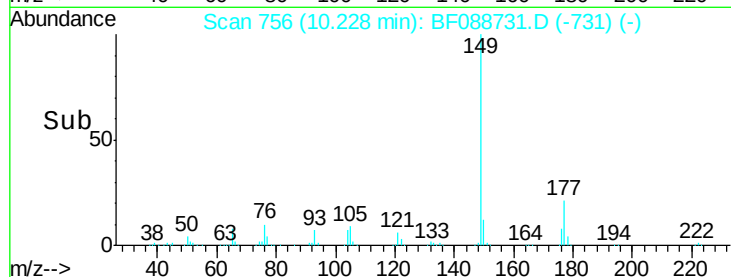
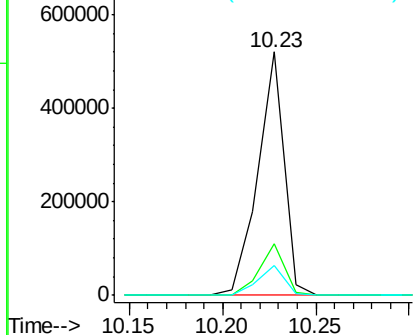
#59
Diethylphthalate
Concen: 44.06 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 502376
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.4 10.1 15.1

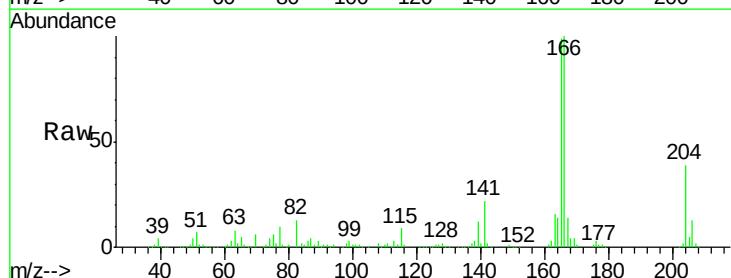


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

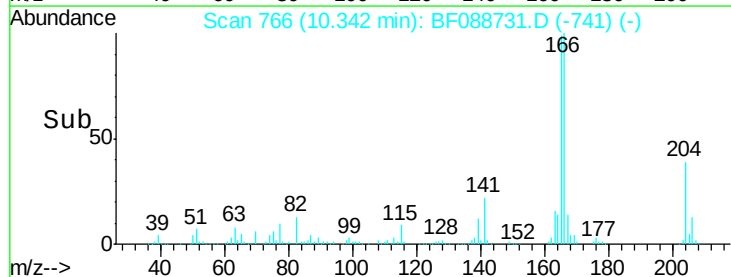
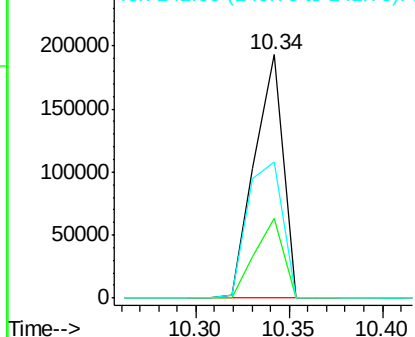


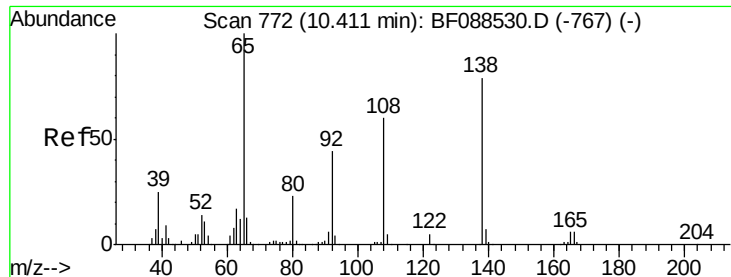
#60
4-Chlorophenyl-phenylether
Concen: 43.15 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:204 Resp: 204467
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 55.7 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

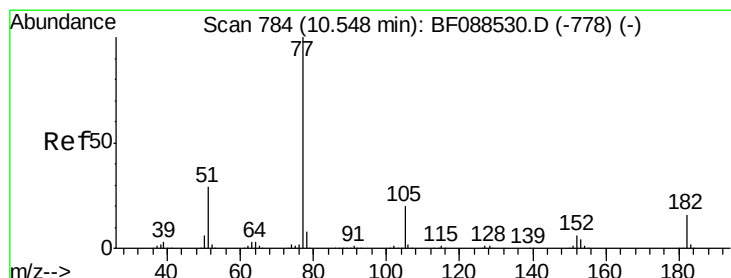
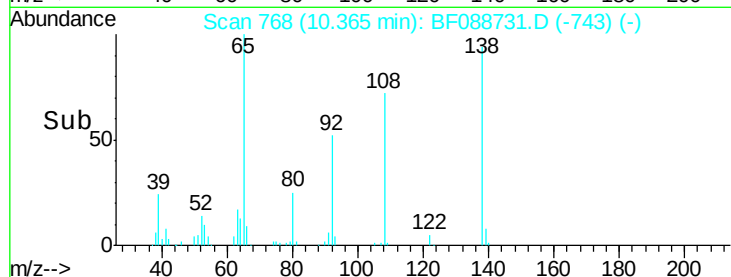
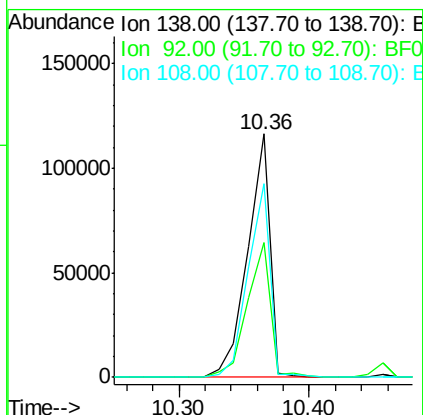
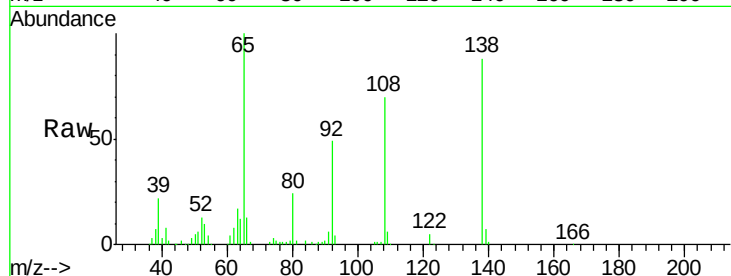




#61
4-Nitroaniline
Concen: 45.18 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

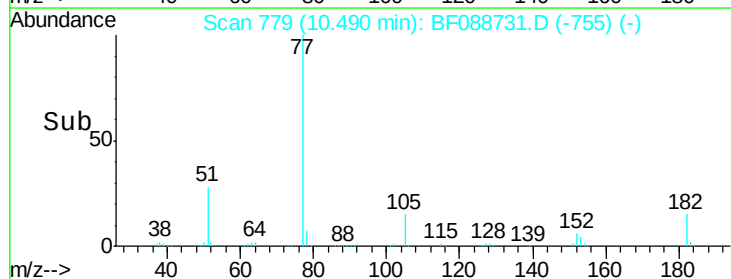
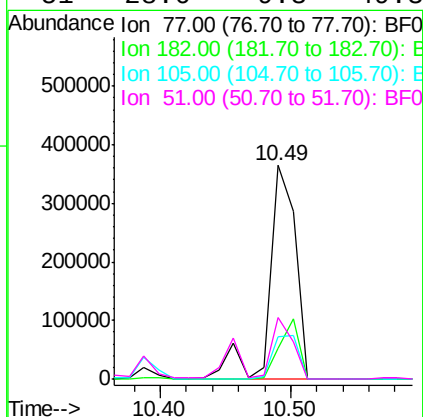
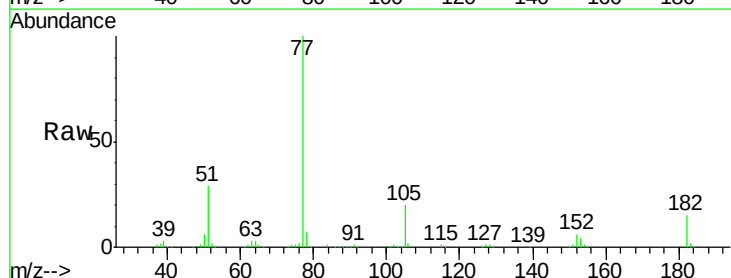
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

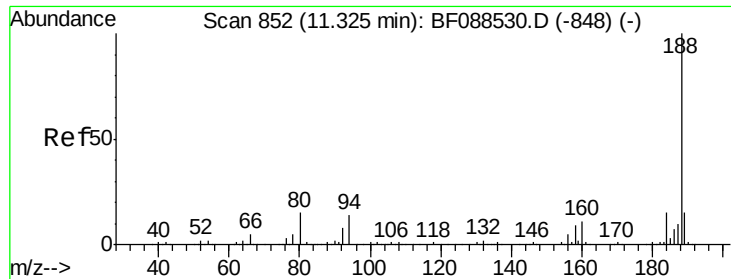
Tot Ion:138 Resp: 139168
Ion Ratio Lower Upper
138 100
92 55.6 27.3 67.3
108 79.6 46.7 86.7



#62
Azobenzene
Concen: 39.71 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion: 77 Resp: 516479
Ion Ratio Lower Upper
77 100
182 14.5 4.4 44.4
105 20.0 3.8 43.8
51 28.6 9.3 49.3

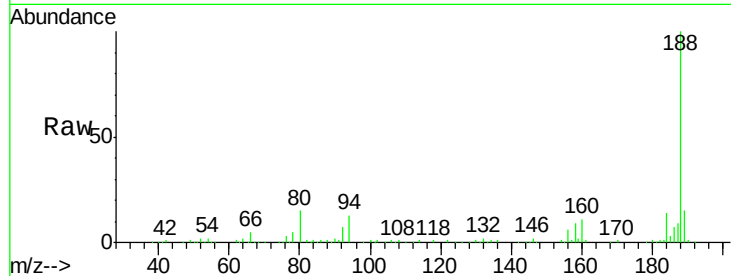




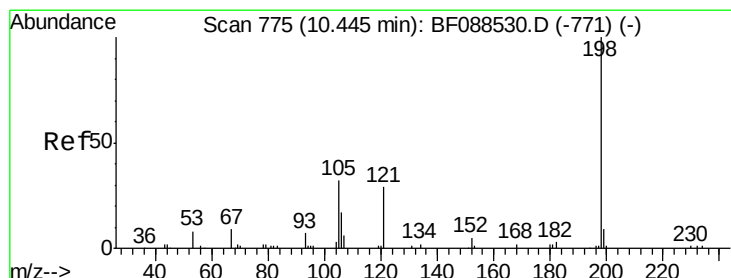
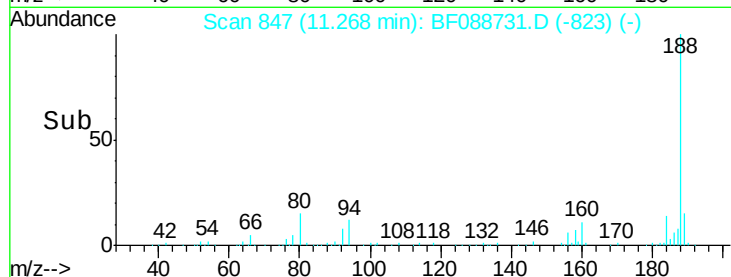
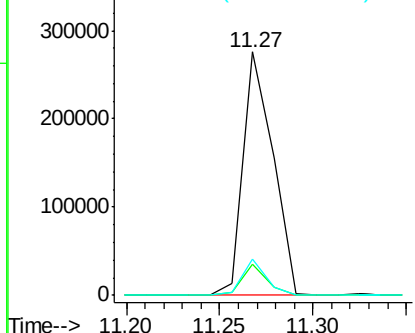
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 306885
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.6
80 14.9 10.0 15.0

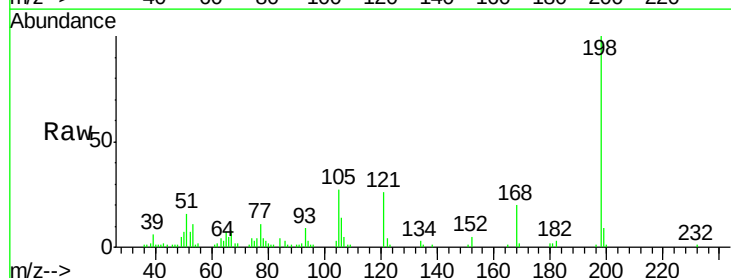


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

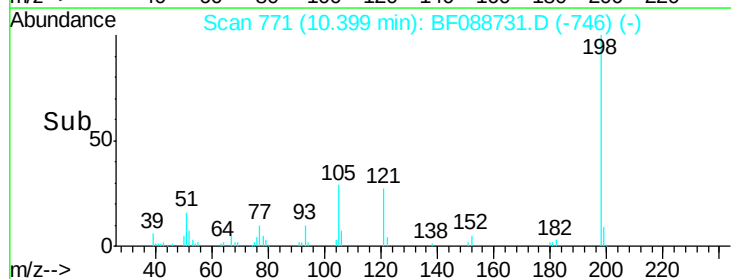
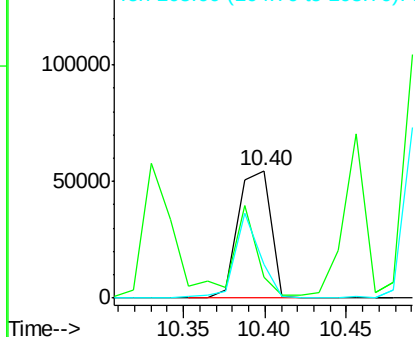


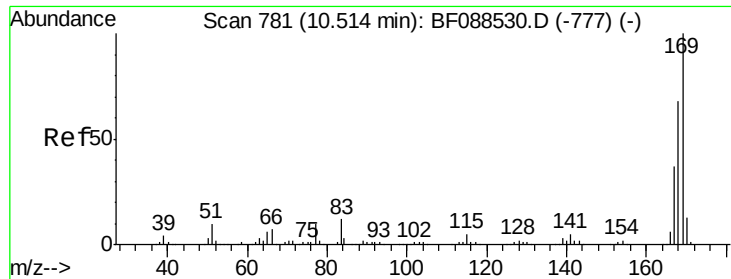
#64
4,6-Dinitro-2-methylphenol
Concen: 45.87 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:198 Resp: 75298
Ion Ratio Lower Upper
198 100
51 16.1 39.6 79.6#
105 26.5 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

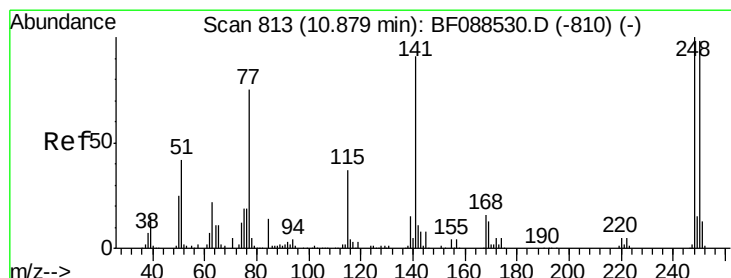
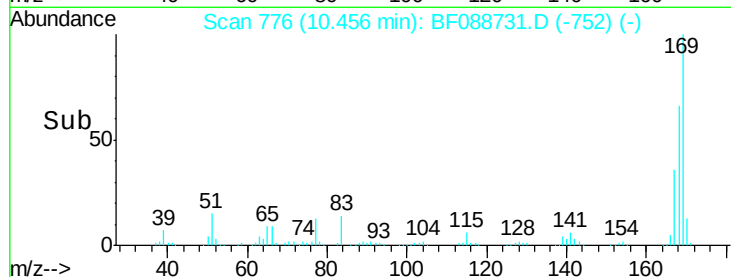
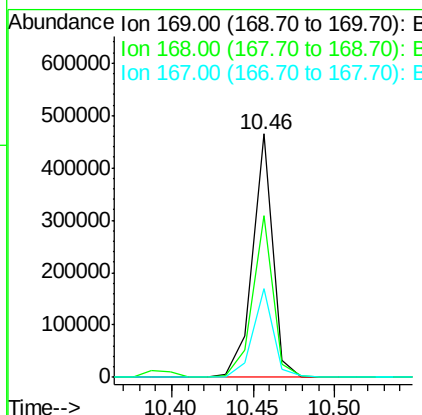
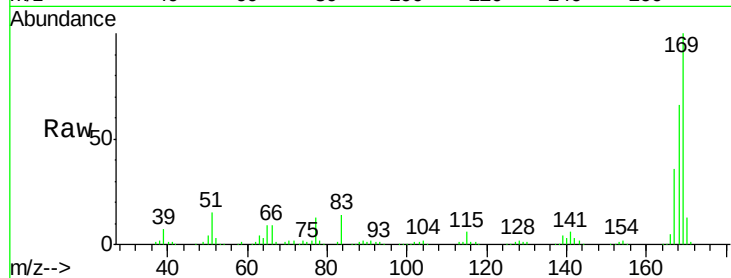




#65
 n-Nitrosodiphenylamine
 Concen: 38.57 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

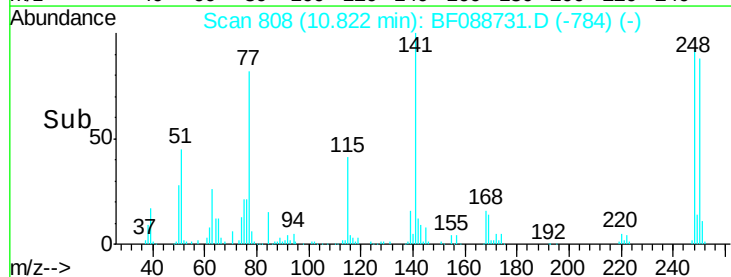
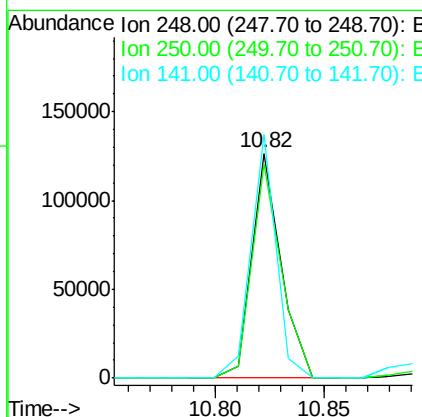
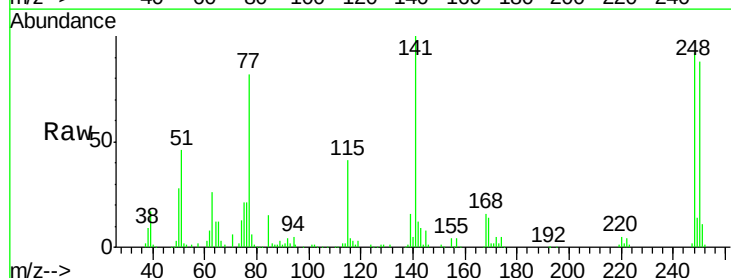
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

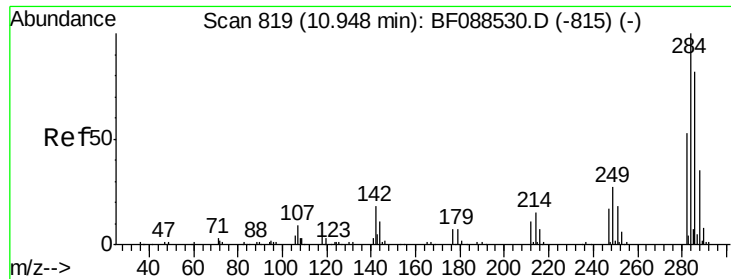
Tot Ion:169 Resp: 400610
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 36.4 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 38.07 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:248 Resp: 117740
 Ion Ratio Lower Upper
 248 100
 250 95.6 77.1 115.7
 141 108.4 50.6 76.0#

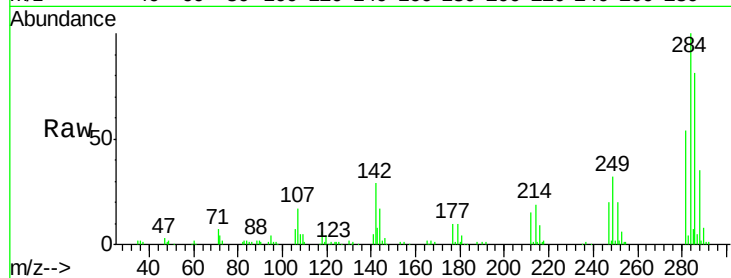




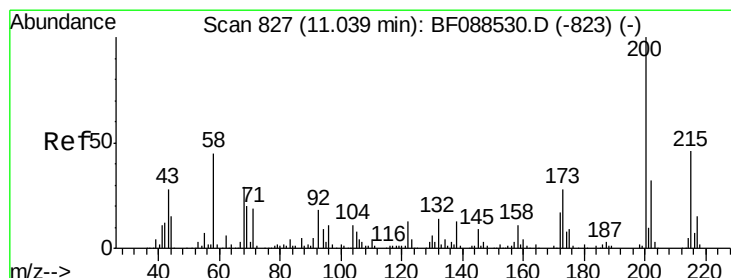
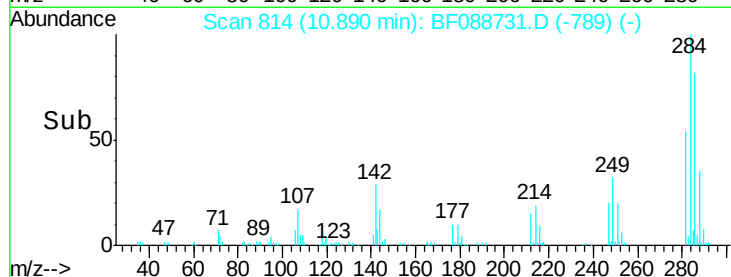
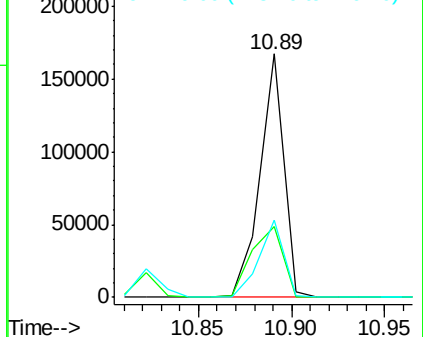
#67
Hexachlorobenzene
Concen: 42.92 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 146942
Ion Ratio Lower Upper
284 100
142 29.3 35.8 53.8#
249 31.8 25.8 38.6

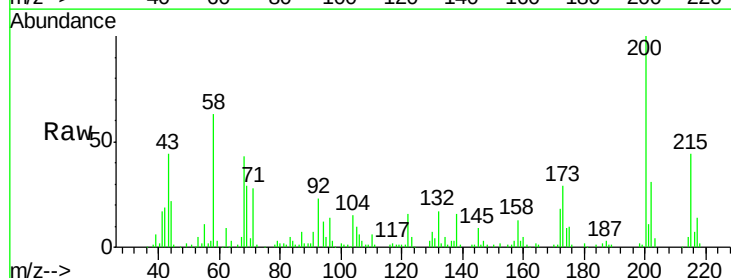


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

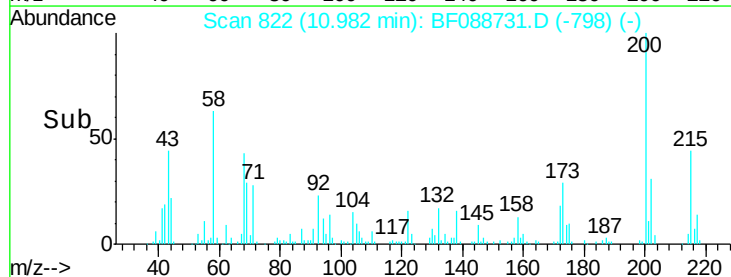
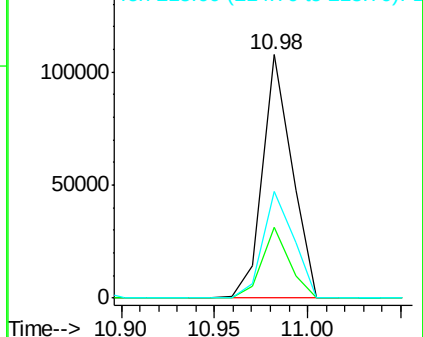


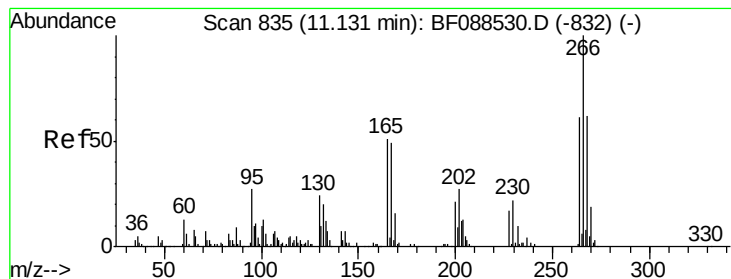
#68
Atrazine
Concen: 36.10 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:200 Resp: 116846
Ion Ratio Lower Upper
200 100
173 29.0 4.0 44.0
215 44.0 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: 40.36 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

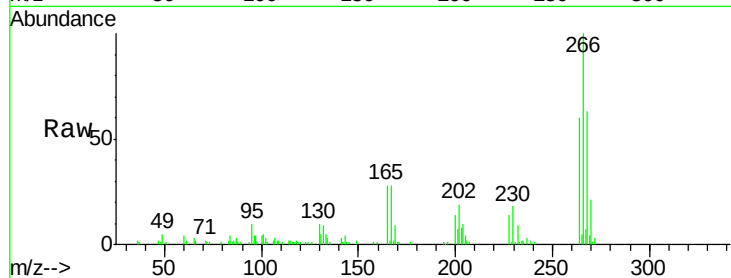
Tot Ion:266 Resp: 81768

Ion Ratio Lower Upper

266 100

268 62.8 52.8 79.2

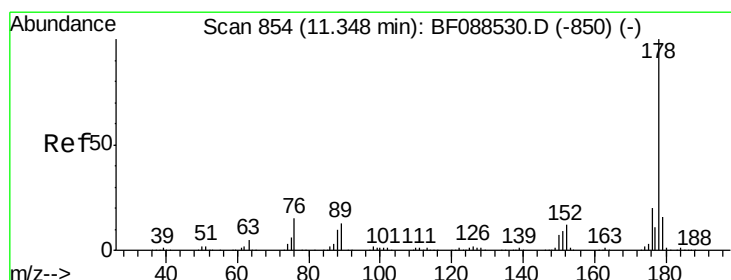
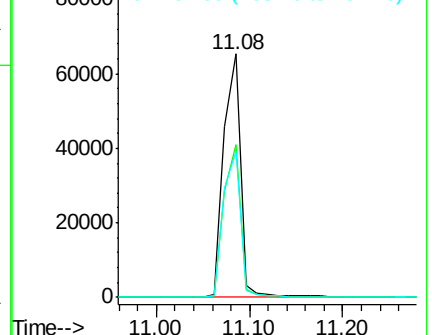
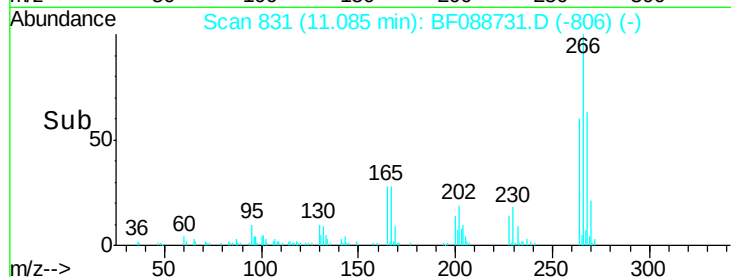
264 60.3 49.6 74.4



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: 42.10 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

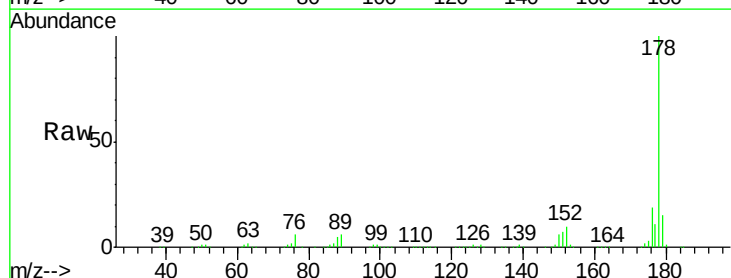
Tgt Ion:178 Resp: 706318

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

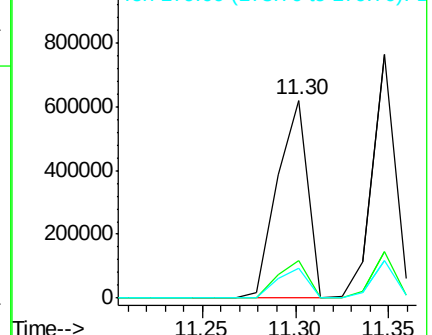
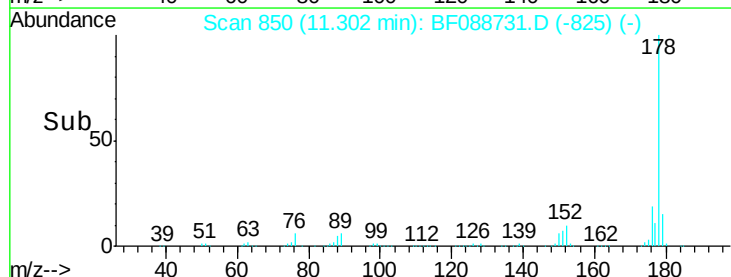
179 15.0 13.0 19.4

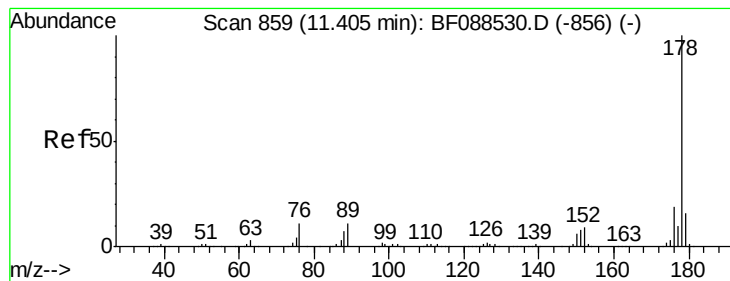


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.71 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

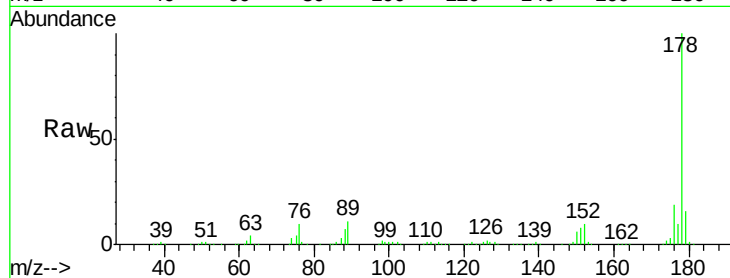
Tot Ion:178 Resp: 645627

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

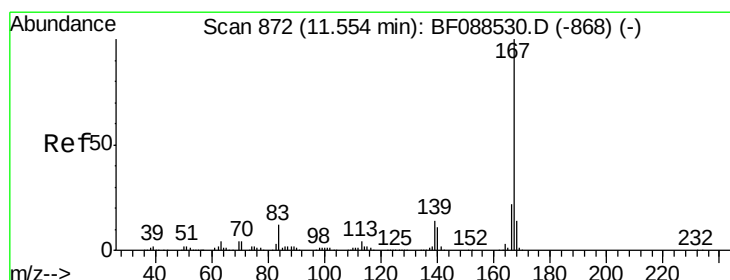
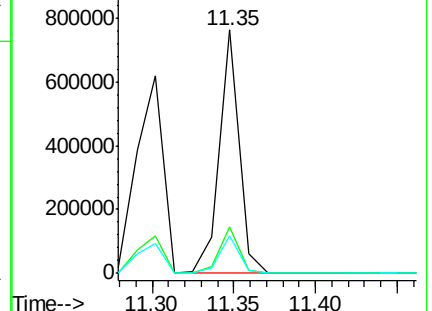
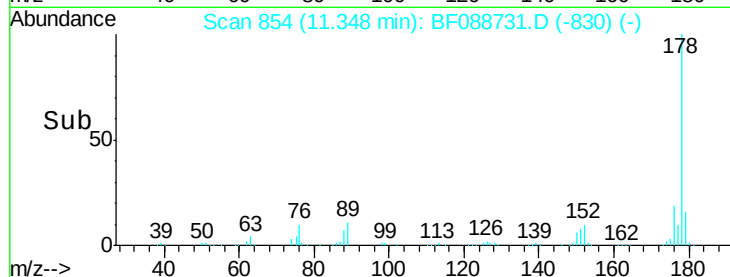
179 15.6 12.8 19.2



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: 41.75 ng

RT: 11.51 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

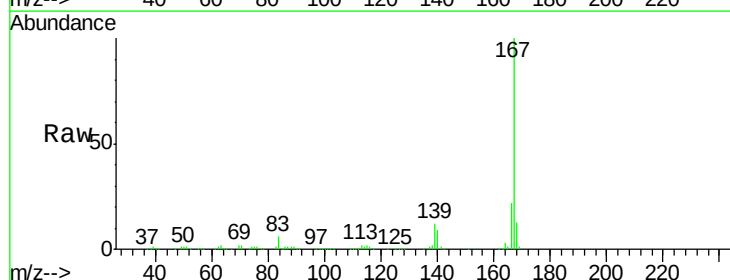
Tgt Ion:167 Resp: 655405

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

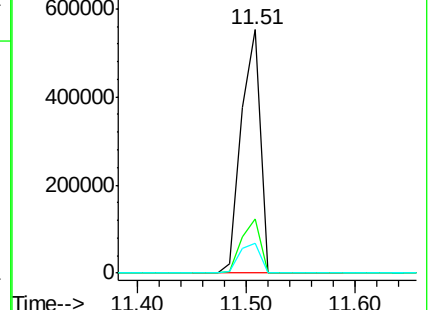
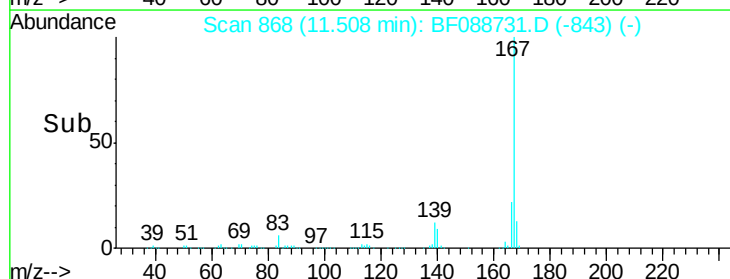
139 12.2 11.2 16.8

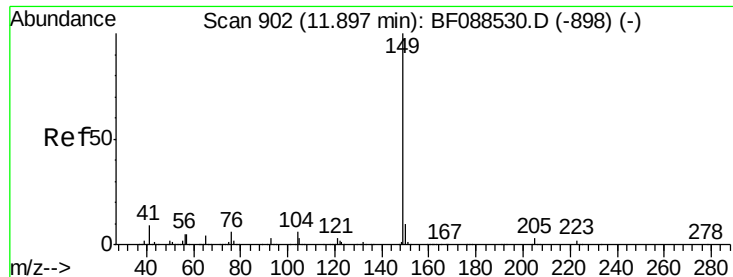


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

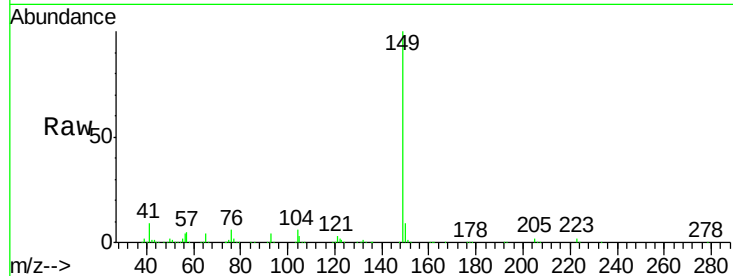
Tot Ion:149 Resp: 690645

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

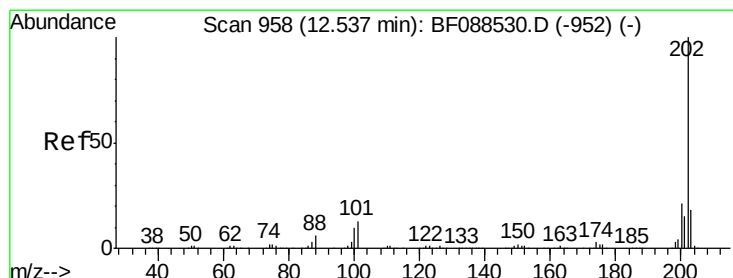
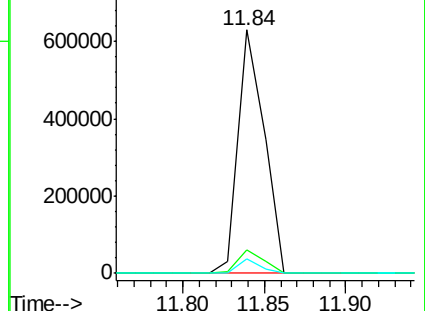
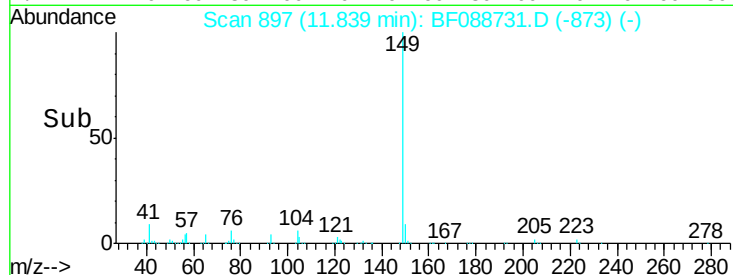
104 6.0 4.0 6.0



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: 43.78 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

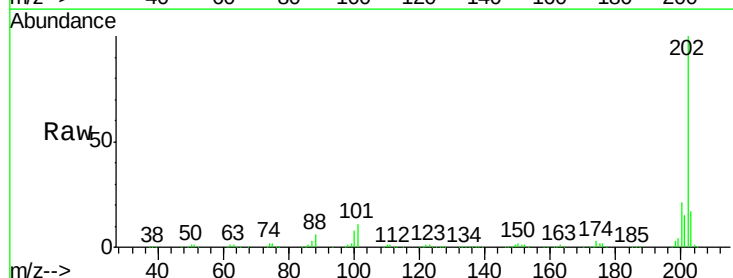
Tgt Ion:202 Resp: 744564

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.1

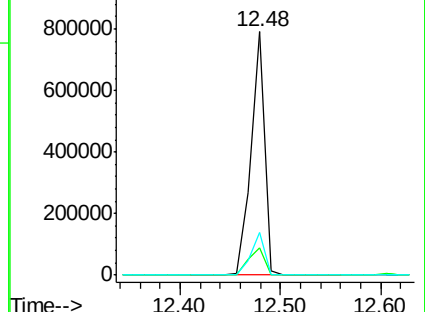
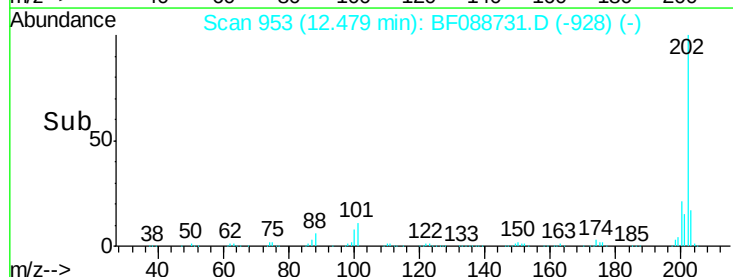
203 17.5 0.0 38.1

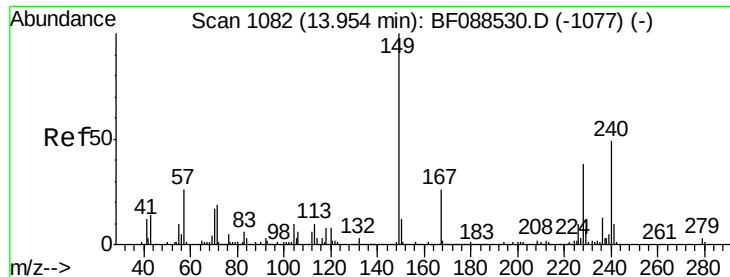


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

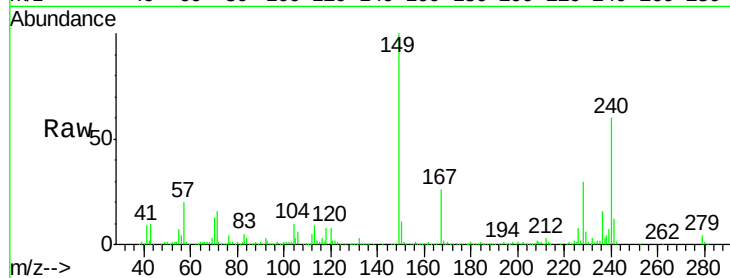
Tot Ion:240 Resp: 232865

Ion Ratio Lower Upper

240 100

120 13.8 6.8 10.2#

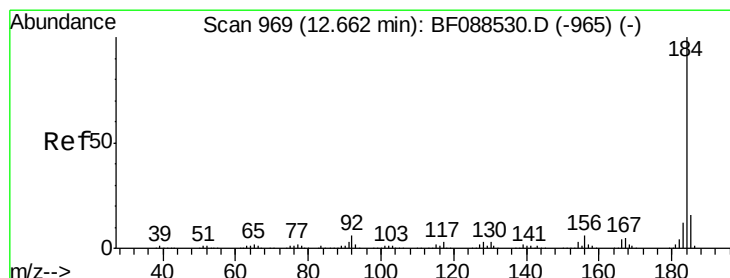
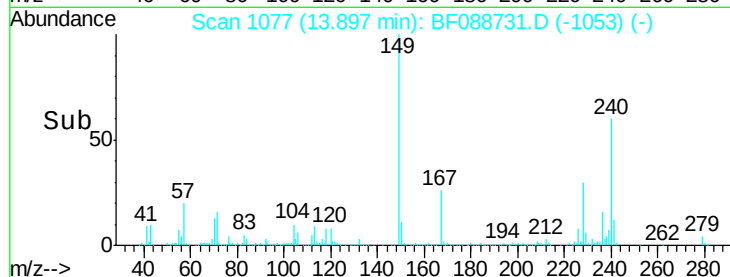
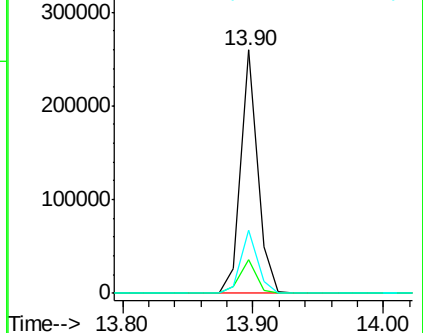
236 26.1 20.2 30.2



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: 44.02 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

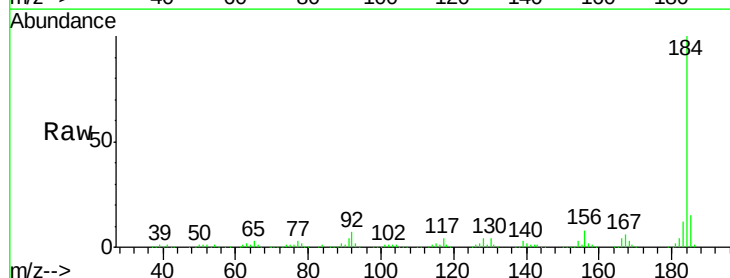
Tgt Ion:184 Resp: 518148

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

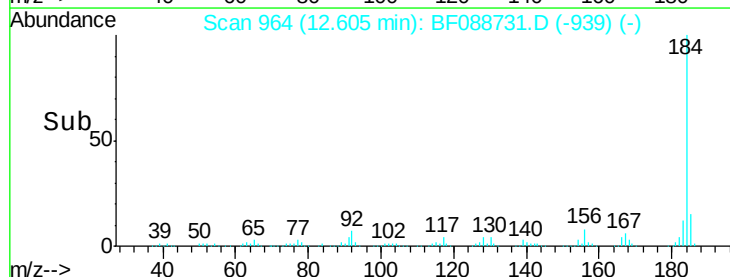
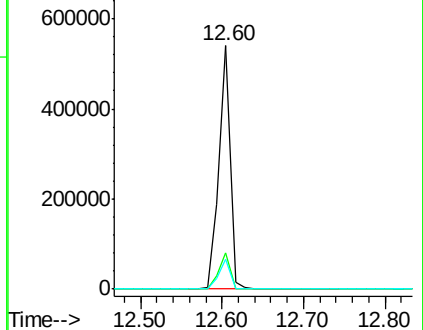
183 12.1 9.3 13.9

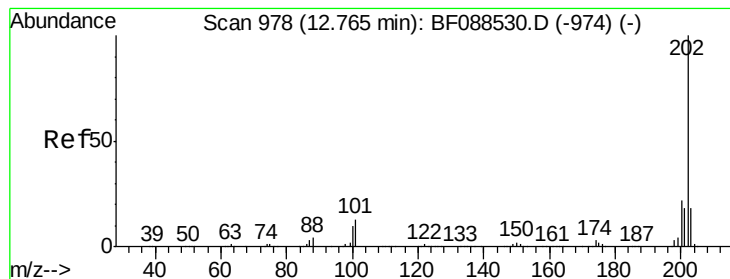


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.85 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

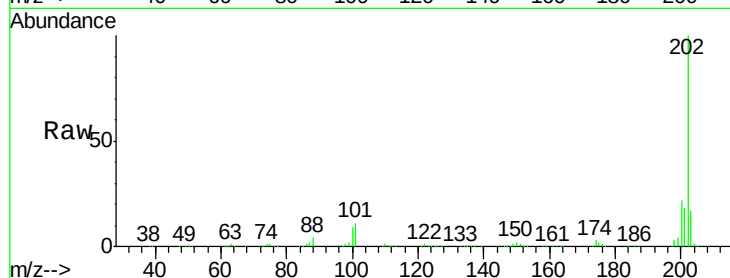
Tot Ion:202 Resp: 767068

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

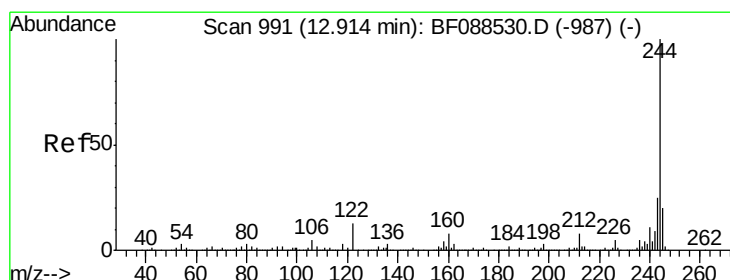
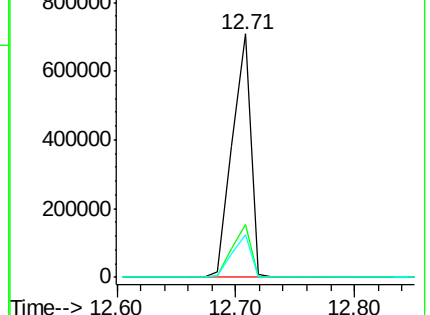
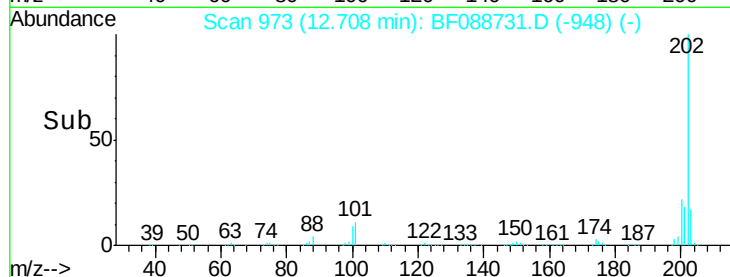
203 17.3 14.5 21.7



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: 76.91 ng

RT: 12.86 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

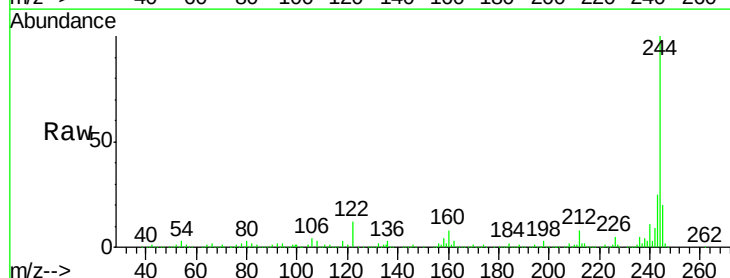
Tgt Ion:244 Resp: 804096

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

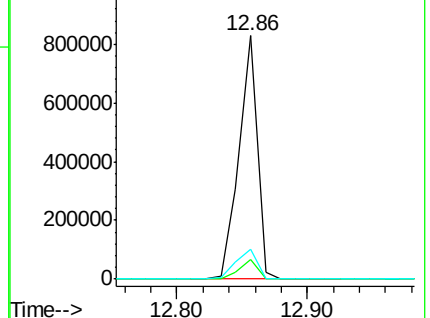
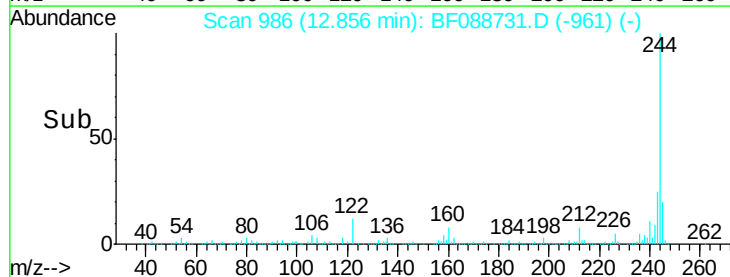
122 12.4 11.2 16.8

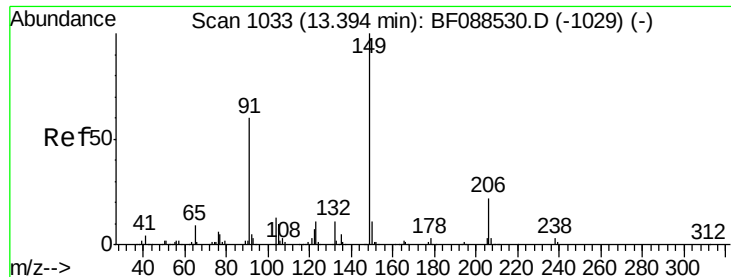


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.54 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

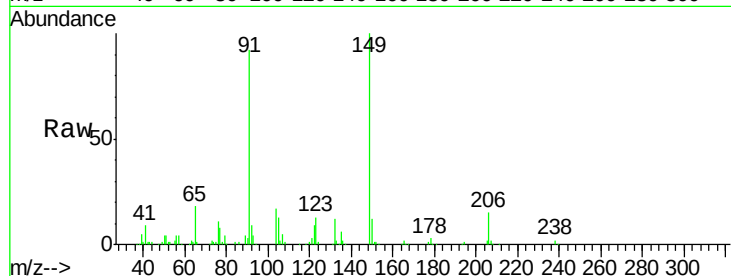
Tot Ion:149 Resp: 312977

Ion Ratio Lower Upper

149 100

91 91.8 48.0 72.0#

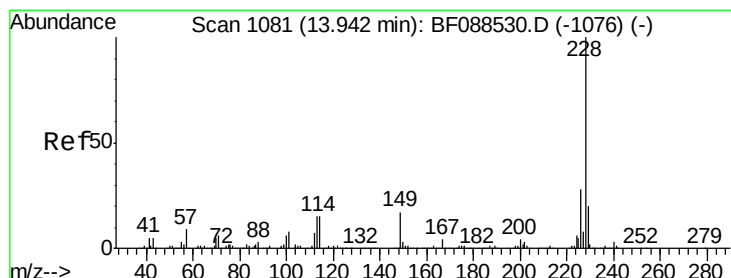
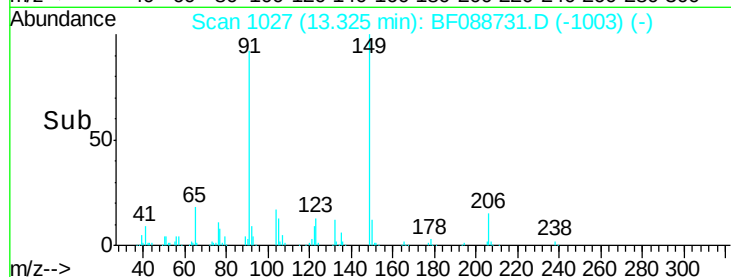
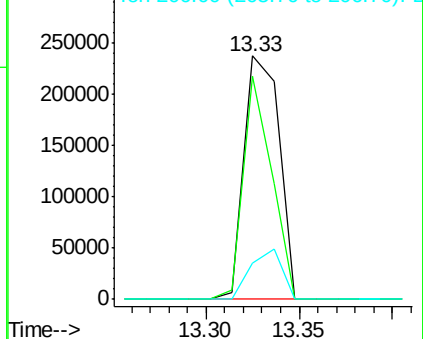
206 14.8 16.0 24.0#



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: 38.40 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

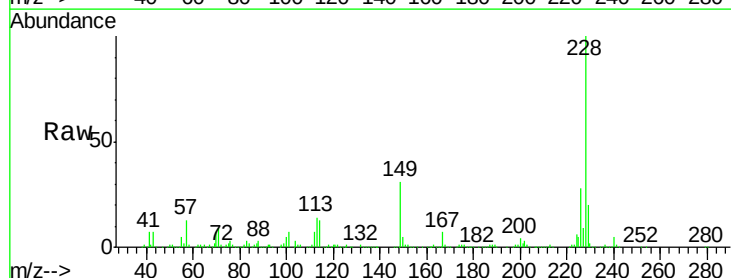
Tgt Ion:228 Resp: 575855

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

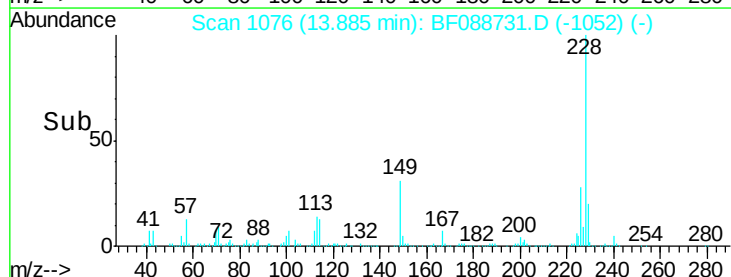
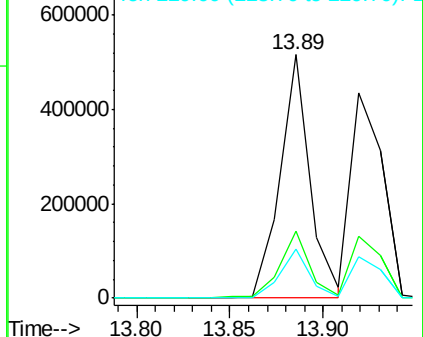
229 20.0 16.0 24.0

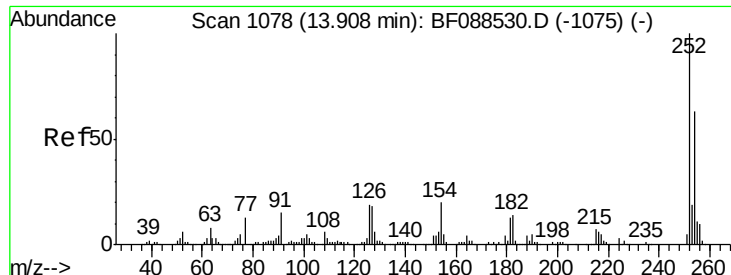


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

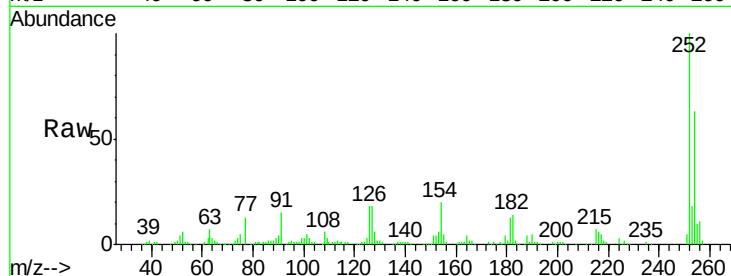




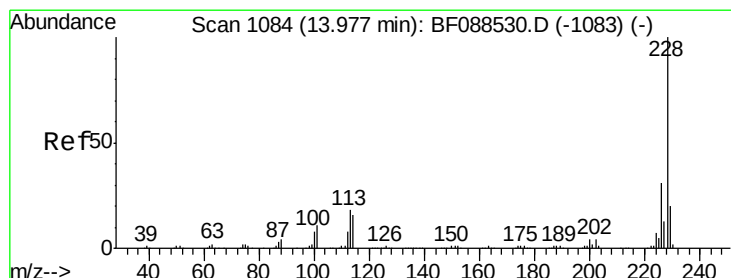
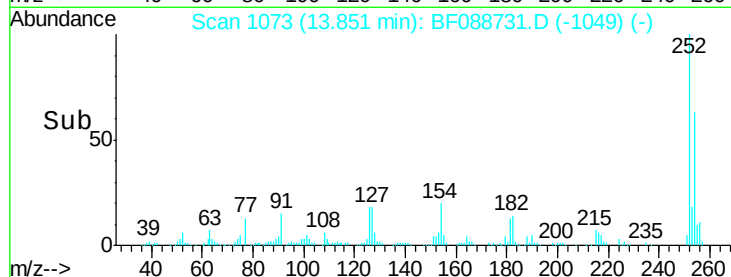
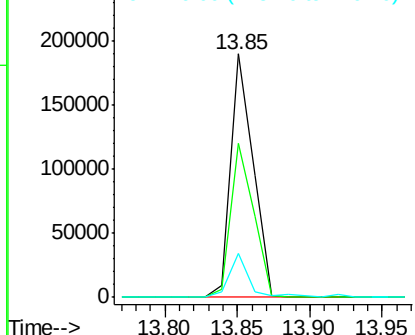
#81
 3,3'-Dichlorobenzidine
 Concen: 36.16 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 203876
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.6 78.8
 126 18.2 6.2 9.2#

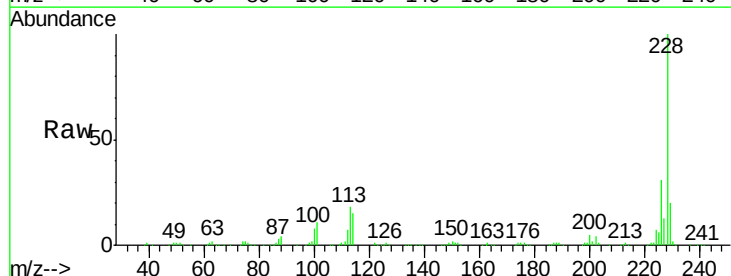


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

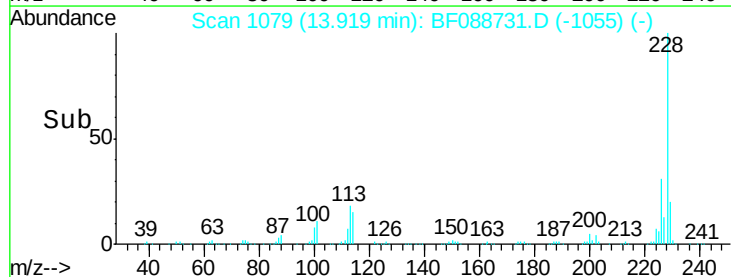
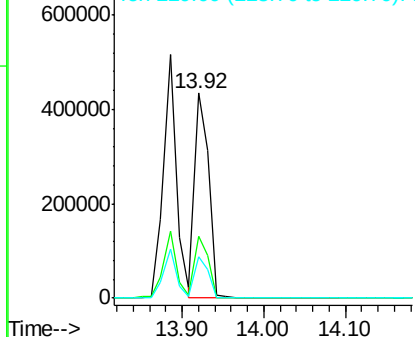


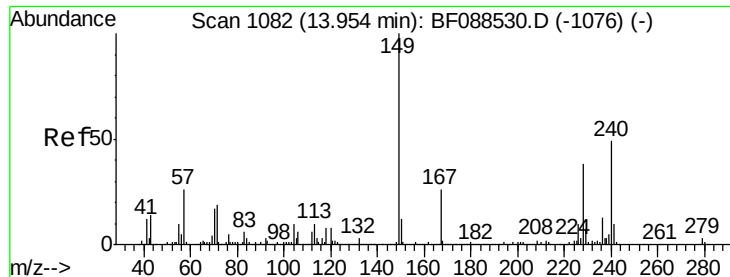
#82
 Chrysene
 Concen: 35.11 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:228 Resp: 520799
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 19.9 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.35 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

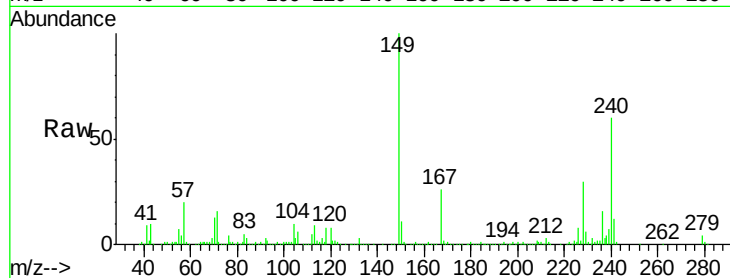
Tot Ion:149 Resp: 415729

Ion Ratio Lower Upper

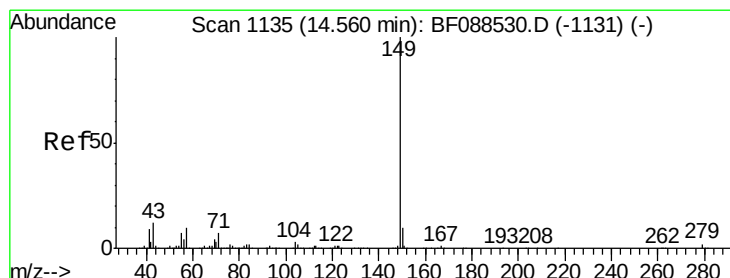
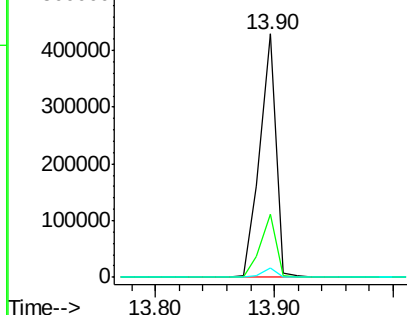
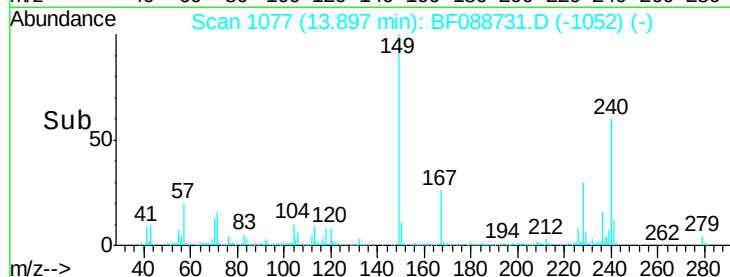
149 100

167 26.2 20.5 30.7

279 3.8 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: 41.88 ng

RT: 14.50 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

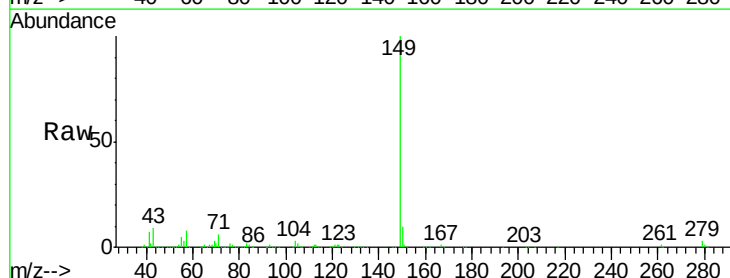
Tgt Ion:149 Resp: 715326

Ion Ratio Lower Upper

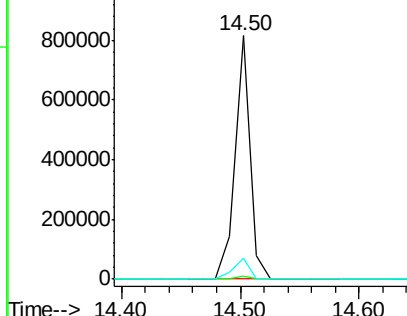
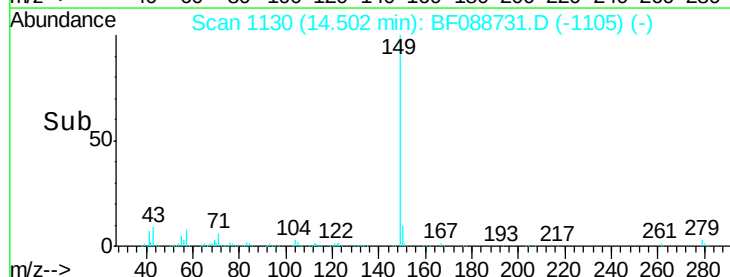
149 100

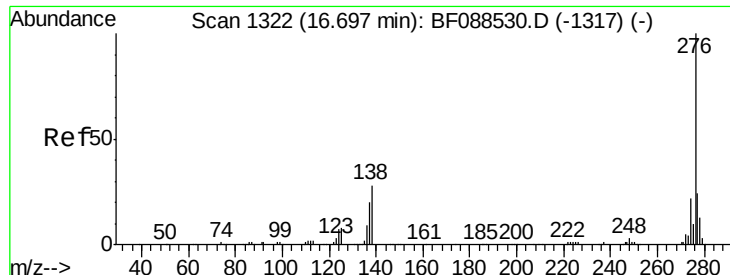
167 1.4 0.0 0.0#

43 9.6 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

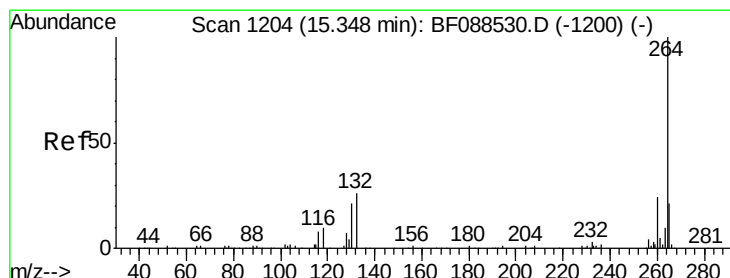
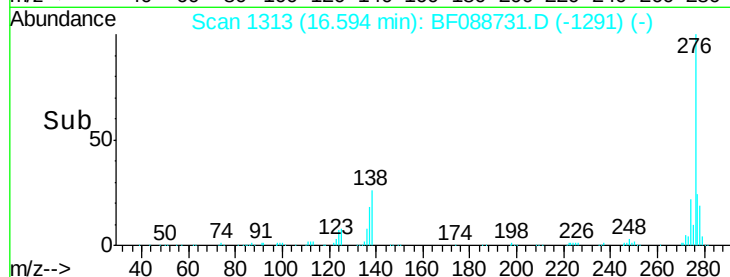
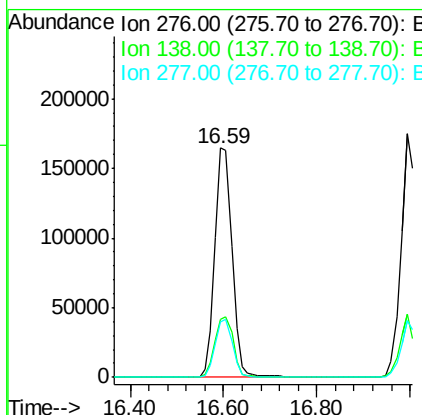
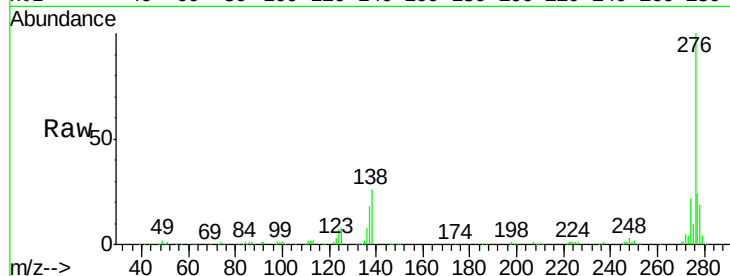




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.22 ng
 RT: 16.59 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

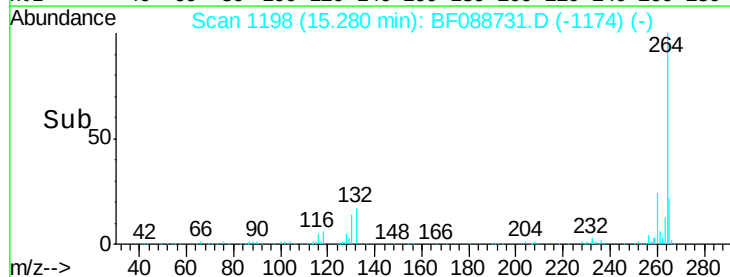
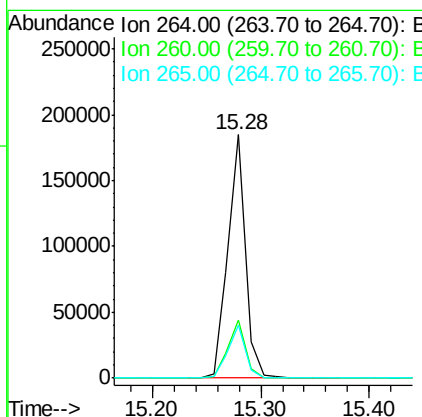
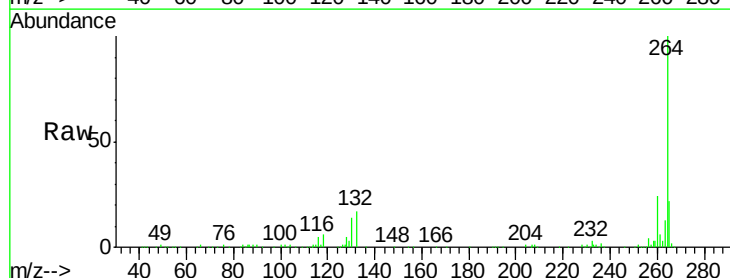
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

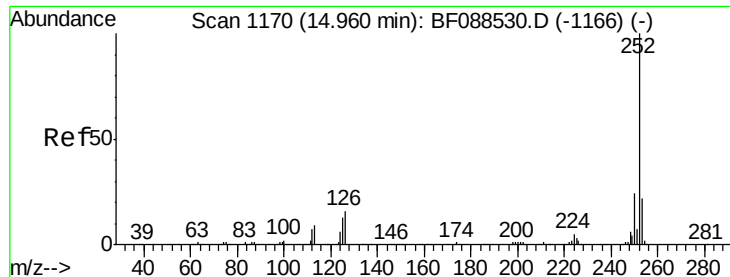
Tot Ion:276 Resp: 424783
 Ion Ratio Lower Upper
 276 100
 138 28.3 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 11:00

Tgt Ion:264 Resp: 206671
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 16.9 25.3

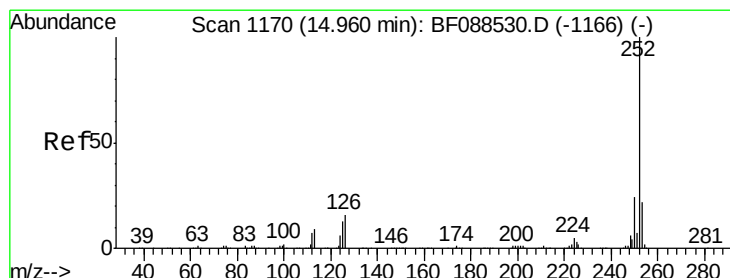
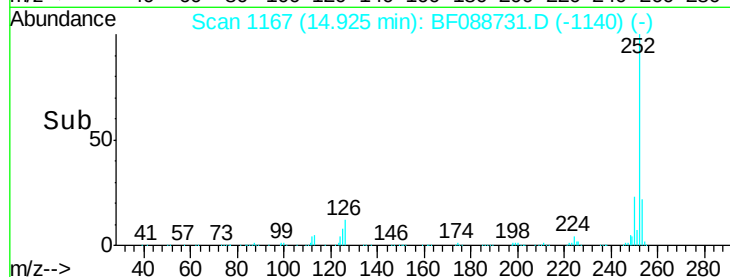
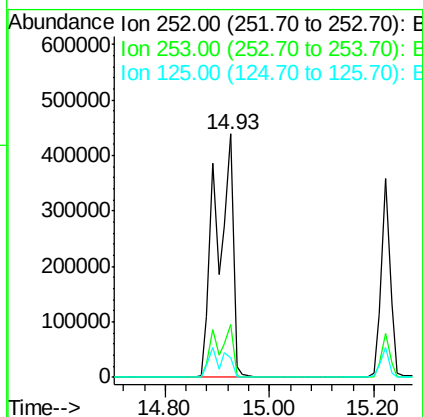
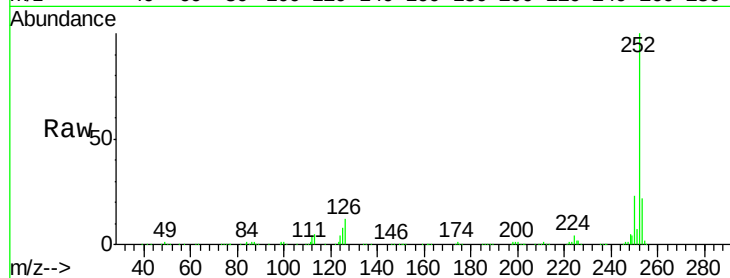




#87
Benzo(b)fluoranthene
Concen: 75.93 ng
RT: 14.93 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

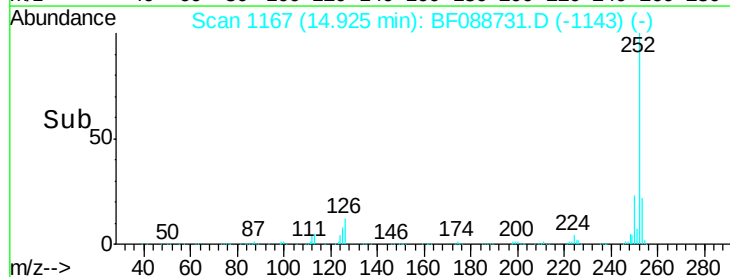
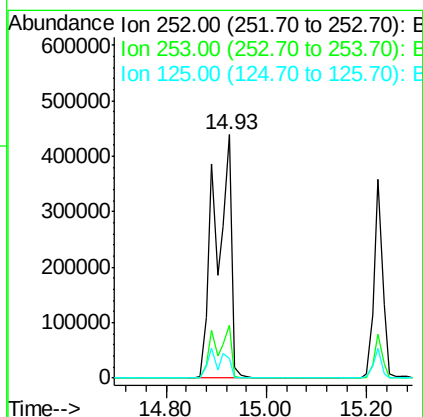
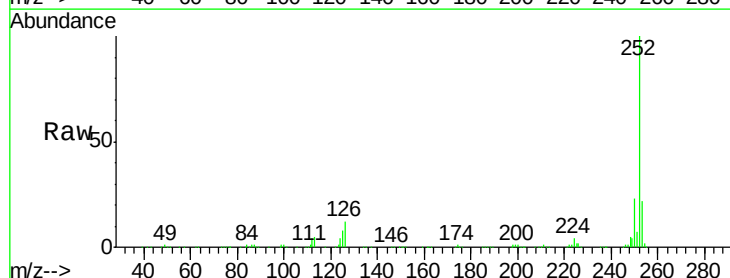
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

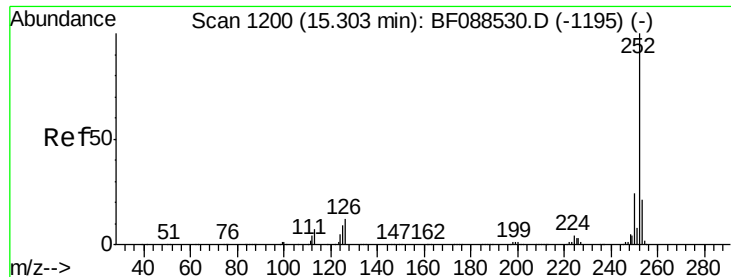
Tot Ion:252 Resp: 984409
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.0 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 87.22 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:252 Resp: 984422
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 8.0 11.2 16.8#

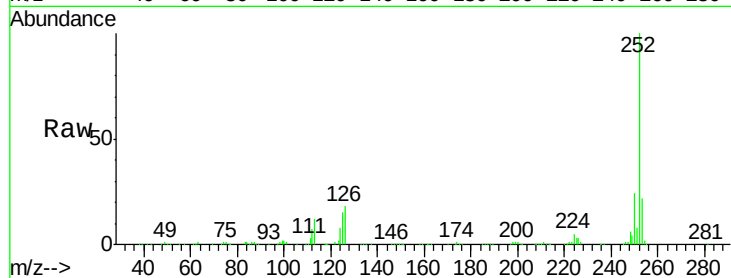




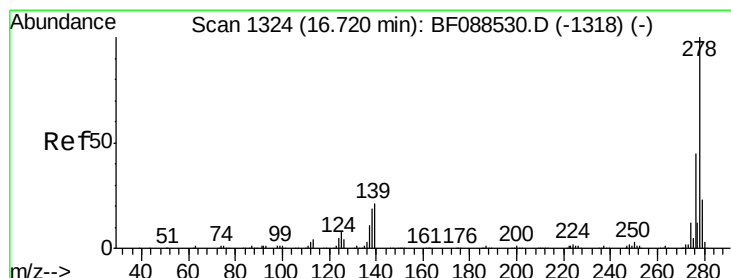
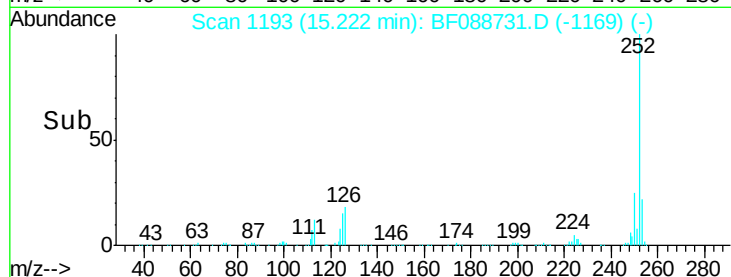
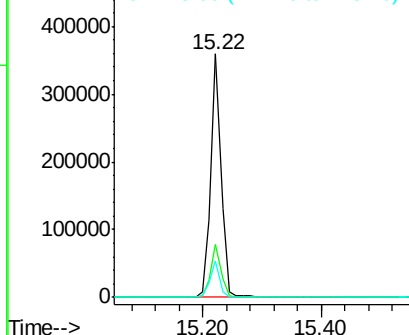
#89
Benzo(a)pyrene
Concen: 39.63 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 435021
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 15.0 12.5 18.7

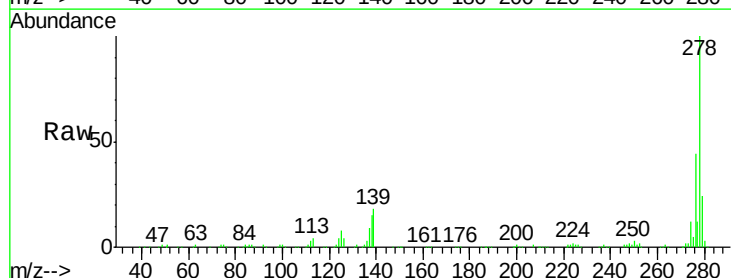


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

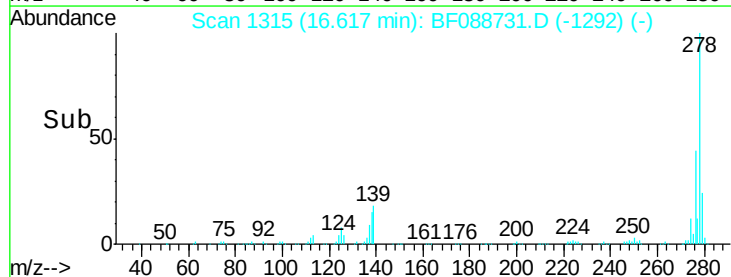
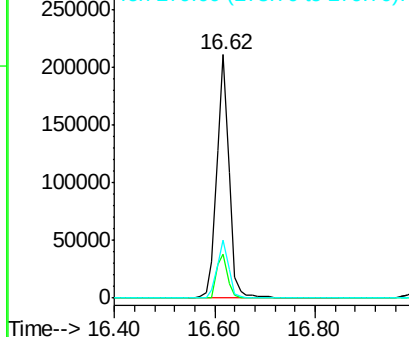


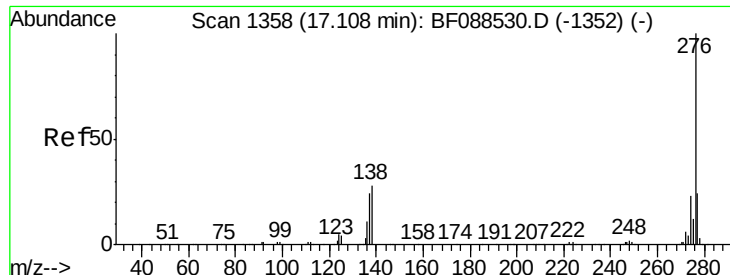
#90
Dibenzo(a,h)anthracene
Concen: 39.39 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF088731.D
Acq: 6 Jul 2016 11:00

Tgt Ion:278 Resp: 361052
Ion Ratio Lower Upper
278 100
139 17.9 15.7 23.5
279 24.1 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(a,h,i)perylene

Concen: 38.40 ng

RT: 16.99 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF088731.D

Acq: 6 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

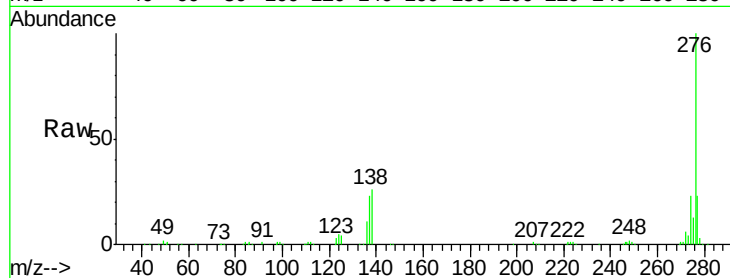
Tot Ion: 276 Resp: 364201

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 26.0 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

