

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089268.D
 Acq On : 24 Jul 2016 9:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 25 01:20:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	50806	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	197419	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	82536	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	130233	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	89273	20.00	ng	-0.02
86) Perylene-d12	15.05	264	88184	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	250124	74.87	ng	-0.03
7) Phenol-d6	6.24	99	311348	72.27	ng	-0.03
23) Nitrobenzene-d5	7.15	82	290292	78.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	50807	68.37	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	545642	91.09	ng	-0.02
78) Terphenyl-d14	12.66	244	283506	68.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	51215	35.31	ng	91
3) Pyridine	2.60	79	136194	36.96	ng	98
4) n-Nitrosodimethylamine	2.58	42	52084	33.58	ng	96
6) Aniline	6.24	93	202806	34.84	ng	94
8) 2-Chlorophenol	6.36	128	145282	39.19	ng	88
9) Benzaldehyde	6.12	77	75823	31.76	ng	98
10) Phenol	6.25	94	183776	37.03	ng	# 65
11) bis(2-Chloroethyl)ether	6.33	93	149997	40.24	ng	98
12) 1,3-Dichlorobenzene	6.51	146	145871	35.64	ng	98
13) 1,4-Dichlorobenzene	6.59	146	158924	38.55	ng	99
14) 1,2-Dichlorobenzene	6.75	146	155804	40.08	ng	99
15) Benzyl Alcohol	6.74	79	110400	34.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	166074	39.10	ng	78
17) 2-Methylphenol	6.87	107	101428	34.74	ng	97
18) Hexachloroethane	7.08	117	52628	33.96	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	109791	38.97	ng	99
20) 3+4-Methylphenols	7.03	107	139232	35.12	ng	94
22) Acetophenone	7.00	105	211952	40.20	ng	99
24) Nitrobenzene	7.18	77	161474	41.21	ng	94
25) Isophorone	7.42	82	269707	39.39	ng	99
26) 2-Nitrophenol	7.50	139	64987	35.56	ng	# 77
27) 2,4-Dimethylphenol	7.54	122	113078	36.72	ng	100
28) bis(2-Chloroethoxy)methane	7.63	93	175448	40.96	ng	99
29) 2,4-Dichlorophenol	7.74	162	109855	39.59	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	123985	40.36	ng	99
31) Naphthalene	7.88	128	375442	35.24	ng	100
32) Benzoic acid	7.69	122	66032	27.88	ng	96
33) 4-Chloroaniline	7.95	127	173085	38.63	ng	97
34) Hexachlorobutadiene	8.01	225	67242	39.33	ng	98
35) Caprolactam	8.33	113	29206	33.89	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	130252	38.96	ng	98
37) 2-Methylnaphthalene	8.58	142	261584	38.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	129308	42.15	ng	98
40) Hexachlorocyclopentadiene	8.73	237	5351	13.11	ng	100

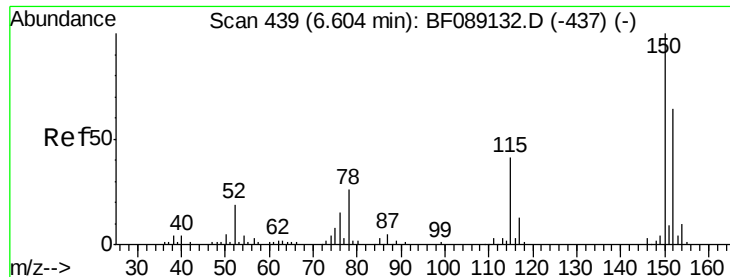
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089268.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67578	39.36	ng	99
43) 2,4,5-Trichlorophenol	8.91	196	69109	40.10	ng	98
45) 1,1'-Biphenyl	9.05	154	306685	41.26	ng	95
46) 2-Chloronaphthalene	9.06	162	229693	40.67	ng	98
47) 2-Nitroaniline	9.18	65	75408	38.92	ng	# 69
48) Acenaphthylene	9.47	152	357564	40.27	ng	100
49) Dimethylphthalate	9.36	163	279379	44.11	ng	100
50) 2,6-Dinitrotoluene	9.42	165	57775	40.40	ng	# 86
51) Acenaphthene	9.64	154	211144	40.19	ng	100
52) 3-Nitroaniline	9.59	138	64482	37.97	ng	91
53) 2,4-Dinitrophenol	9.71	184	2706	11.85	ng	# 14
54) Dibenzofuran	9.82	168	284317	40.06	ng	99
55) 4-Nitrophenol	9.77	139	21737	21.16	ng	99
56) 2,4-Dinitrotoluene	9.82	165	66980	36.37	ng	93
57) Fluorene	10.16	166	234185	38.87	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	46978	37.95	ng	99
59) Diethylphthalate	10.04	149	257775	41.05	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	111359	40.49	ng	93
61) 4-Nitroaniline	10.19	138	59391	35.95	ng	98
62) Azobenzene	10.31	77	252306	36.97	ng	98
64) 4,6-Dinitro-2-methylphenol	10.23	198	7127	9.40	ng	74
65) n-Nitrosodiphenylamine	10.27	169	196635	45.18	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	59571	46.22	ng	97
67) Hexachlorobenzene	10.71	284	53783	38.80	ng	97
68) Atrazine	10.81	200	57069	41.93	ng	96
69) Pentachlorophenol	10.90	266	22680	35.47	ng	99
70) Phenanthrene	11.11	178	274961	38.49	ng	99
71) Anthracene	11.16	178	292744	39.42	ng	100
72) Carbazole	11.32	167	246324	37.76	ng	98
73) Di-n-butylphthalate	11.67	149	343693	42.60	ng	# 97
74) Fluoranthene	12.29	202	250735	33.39	ng	99
76) Benzidine	12.42	184	115131	37.51	ng	100
77) Pyrene	12.51	202	262074	35.55	ng	98
79) Butylbenzylphthalate	13.14	149	115120	36.91	ng	94
80) Benzo(a)anthracene	13.69	228	208723	36.71	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	84174	44.63	ng	98
82) Chrysene	13.74	228	227676	41.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	163737	39.58	ng	# 95
84) Di-n-octyl phthalate	14.32	149	300656	44.05	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	181955	46.13	ng	99
87) Benzo(h)fluoranthene	14.72	252	440047	68.90	ng	# 95
88) Benzo(k)fluoranthene	14.72	252	440047	96.35	ng	# 97
89) Benzo(a)pyrene	14.99	252	201013	40.54	ng	99
90) Dibenzo(a,h)anthracene	16.29	278	160435	40.98	ng	98
91) Benzo(g,h,i)perylene	16.63	276	147507	37.37	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

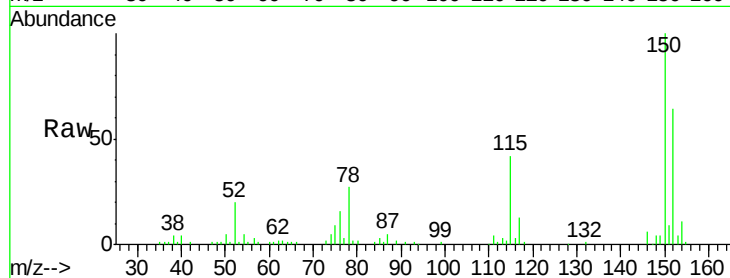
Tgt Ion:152 Resp: 50806

Ion Ratio Lower Upper

152 100

150 155.2 125.1 187.7

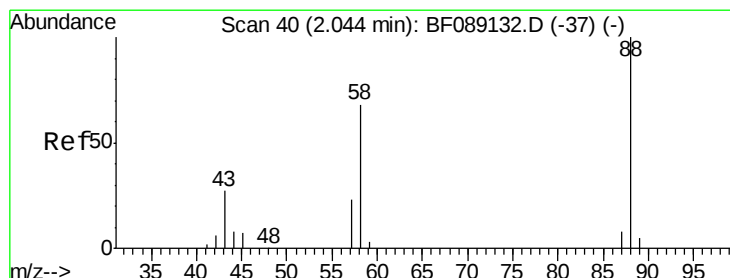
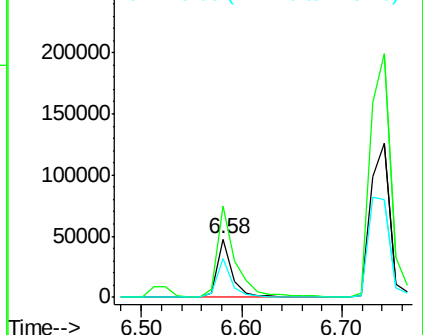
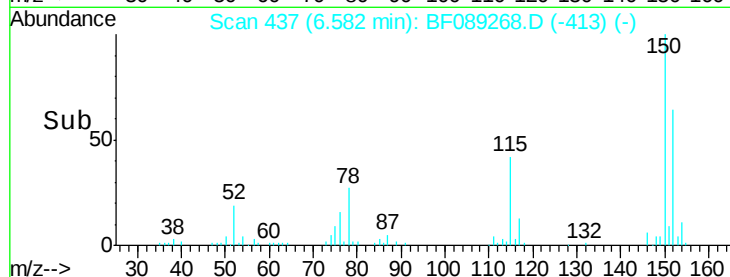
115 65.7 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.31 ng

RT: 1.99 min Scan# 35

Delta R.T. -0.06 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

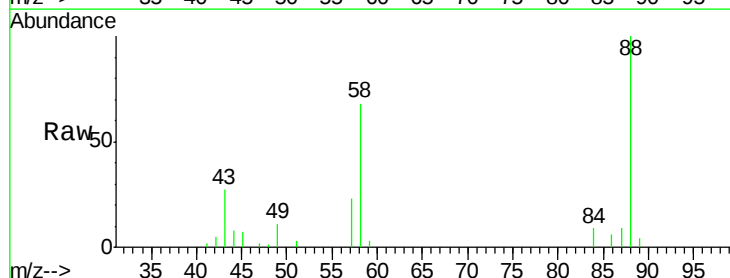
Tgt Ion: 88 Resp: 51215

Ion Ratio Lower Upper

88 100

58 69.7 49.2 73.8

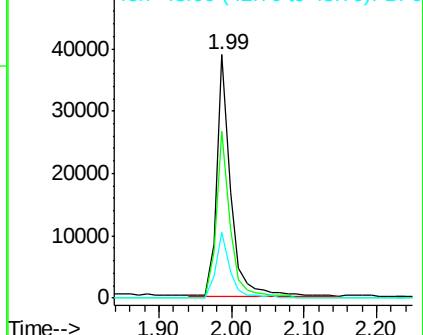
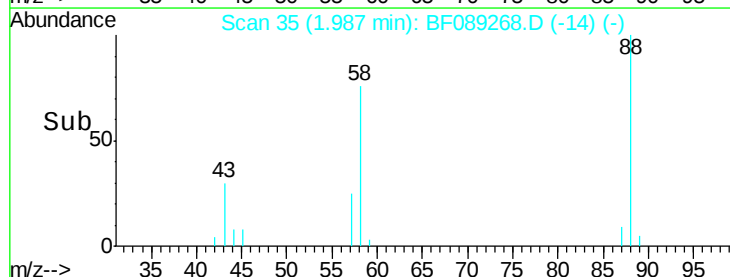
43 28.4 20.6 30.8

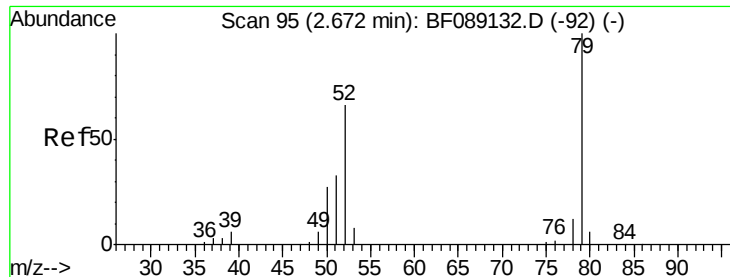


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

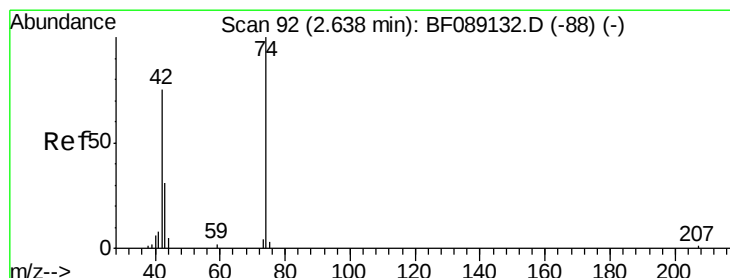
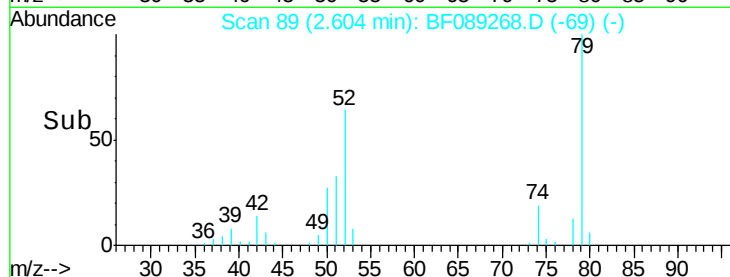
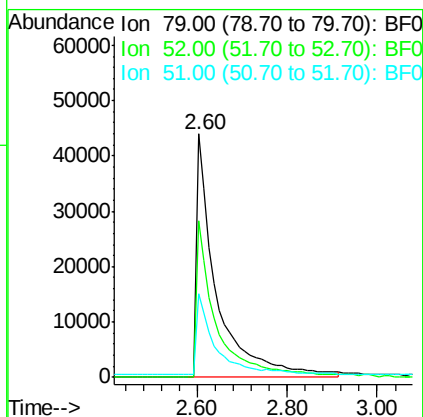
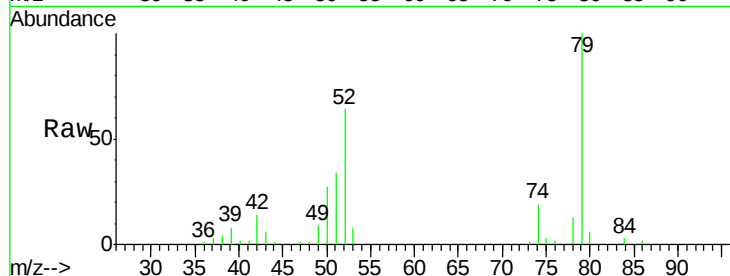




#3
 Pyridine
 Concen: 36.96 ng
 RT: 2.60 min Scan# 89
 Delta R.T. -0.07 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

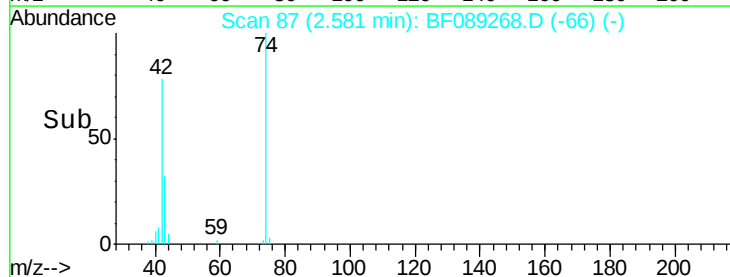
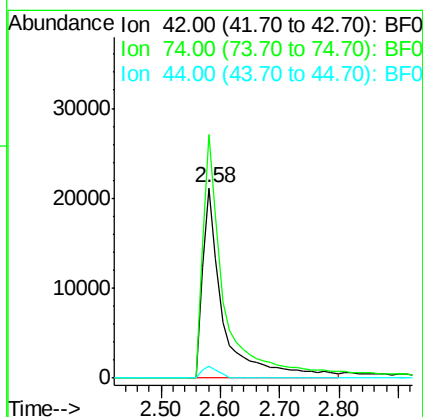
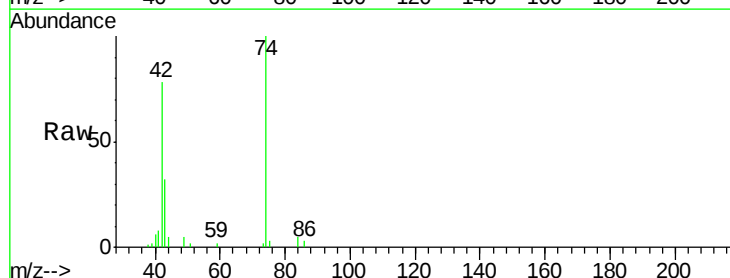
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

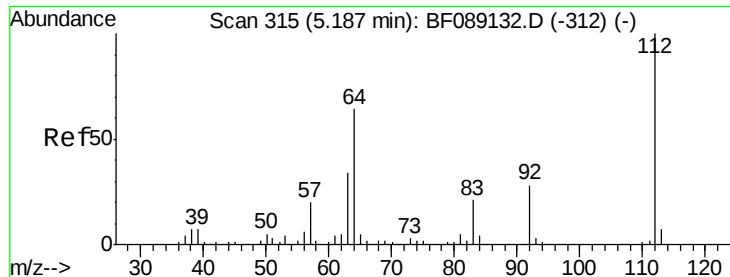
Tgt Ion: 79 Resp: 136194
 Ion Ratio Lower Upper
 79 100
 52 64.1 52.9 79.3
 51 34.3 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 33.58 ng
 RT: 2.58 min Scan# 87
 Delta R.T. -0.06 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion: 42 Resp: 52084
 Ion Ratio Lower Upper
 42 100
 74 128.2 106.4 159.6
 44 6.2 5.2 7.8





#5

2-Fluorophenol

Concen: 74.87 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

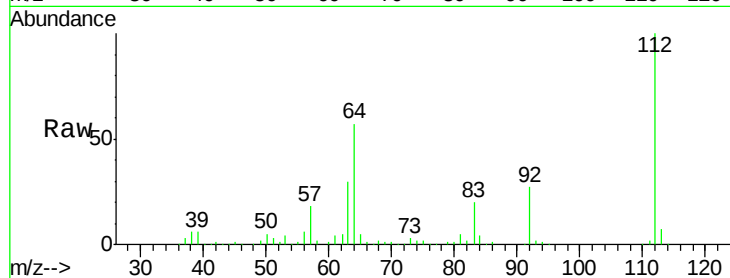
Tgt Ion: 112 Resp: 250124

Ion Ratio Lower Upper

112 100

64 57.0 51.0 76.4

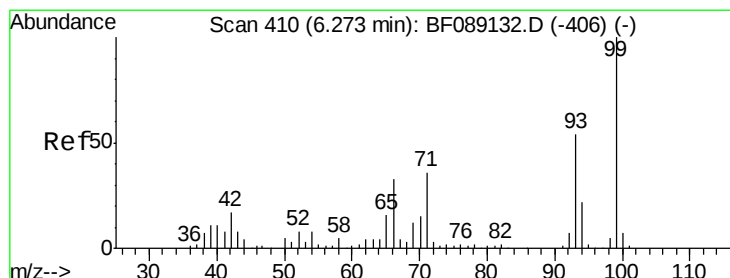
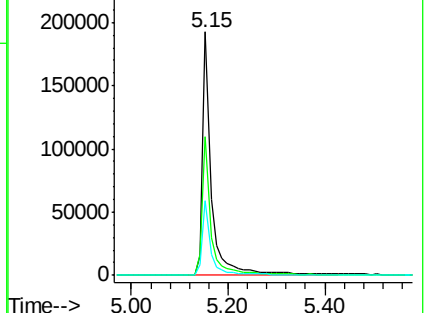
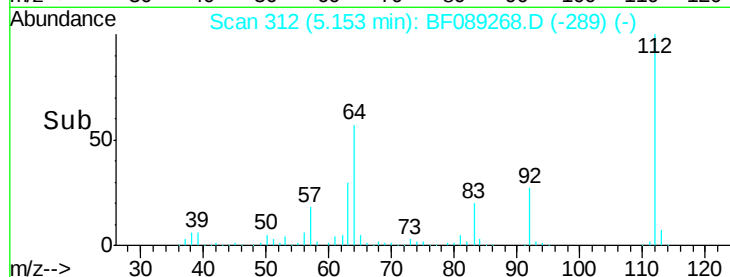
63 30.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.84 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

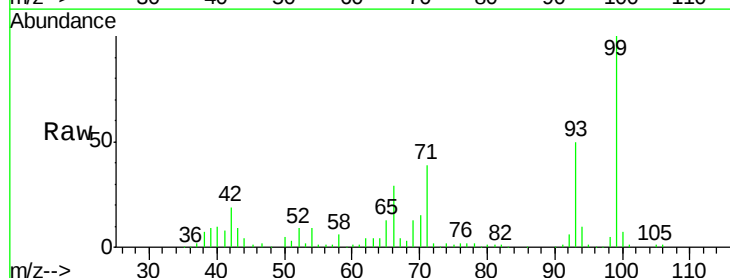
Tgt Ion: 93 Resp: 202806

Ion Ratio Lower Upper

93 100

66 56.9 48.9 73.3

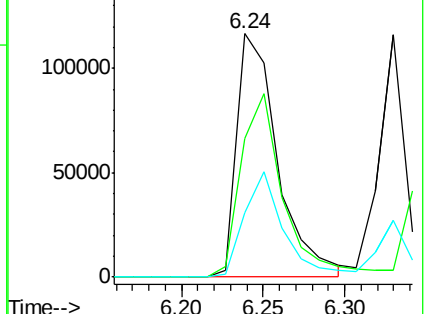
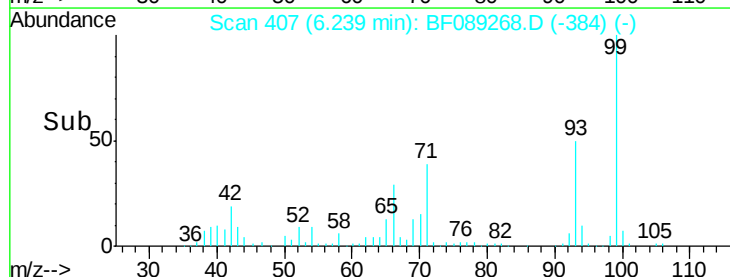
65 26.2 23.9 35.9

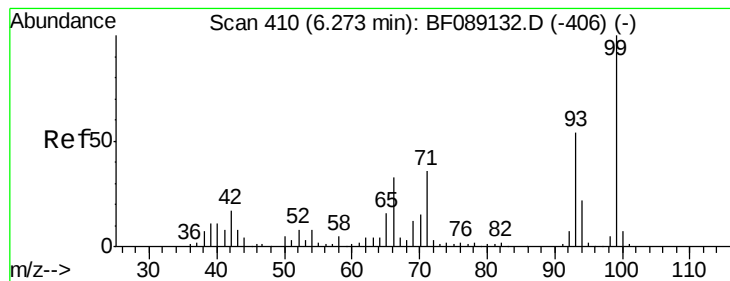


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.27 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

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BNA_F

ClientSampleId :

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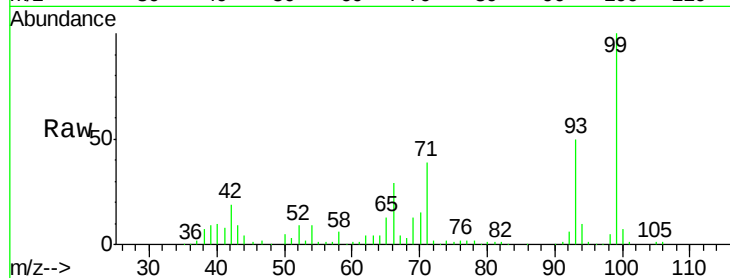
Tgt Ion: 99 Resp: 311348

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

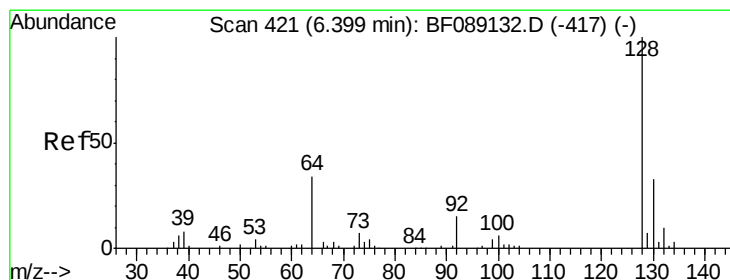
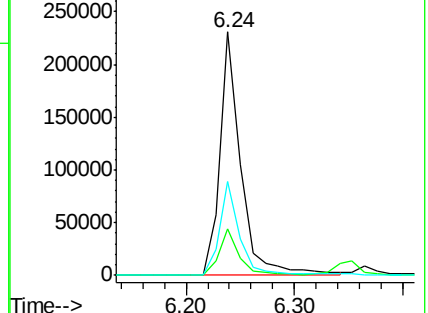
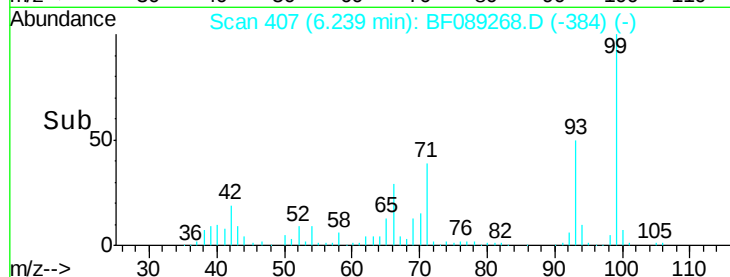
71 38.5 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.19 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

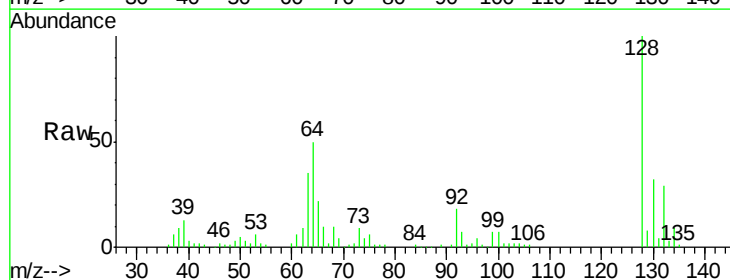
Tgt Ion: 128 Resp: 145282

Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

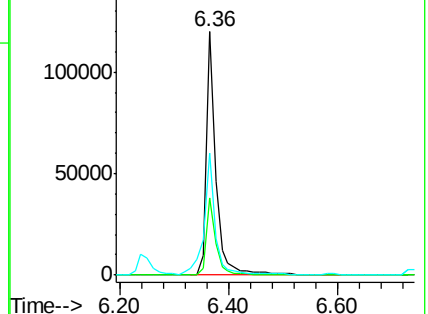
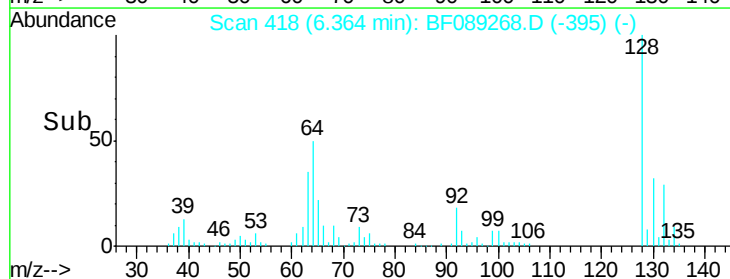
64 49.9 17.5 57.5

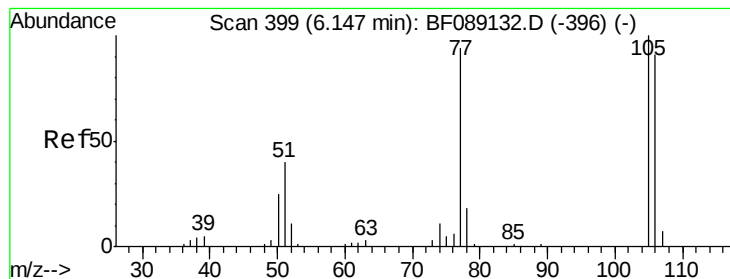


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.76 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

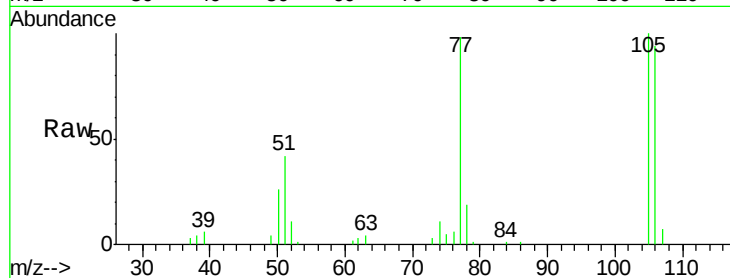
Tgt Ion: 77 Resp: 75823

Ion Ratio Lower Upper

77 100

105 102.0 86.2 126.2

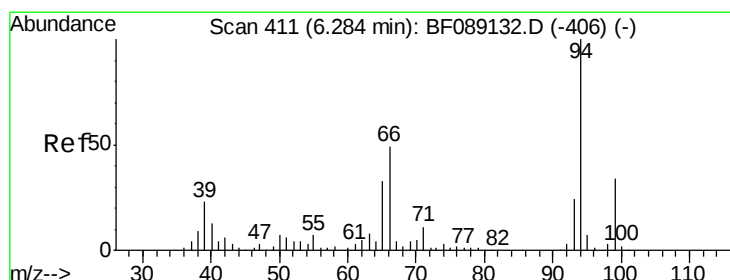
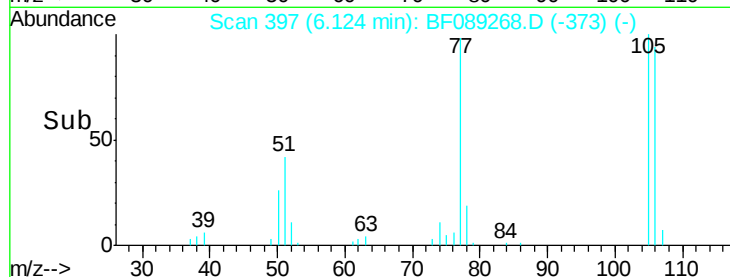
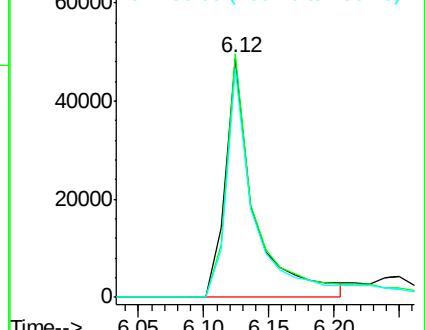
106 95.7 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.03 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

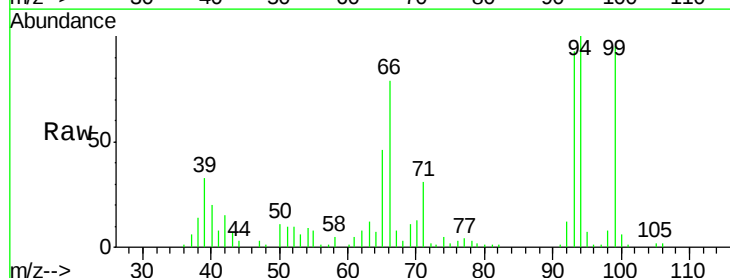
Tgt Ion: 94 Resp: 183776

Ion Ratio Lower Upper

94 100

65 45.6 13.3 53.3

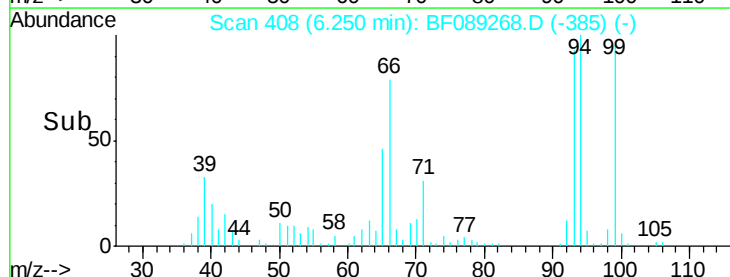
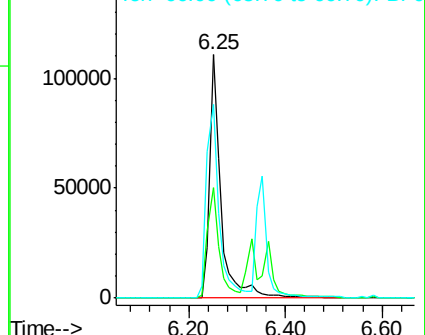
66 79.4 29.3 69.3#

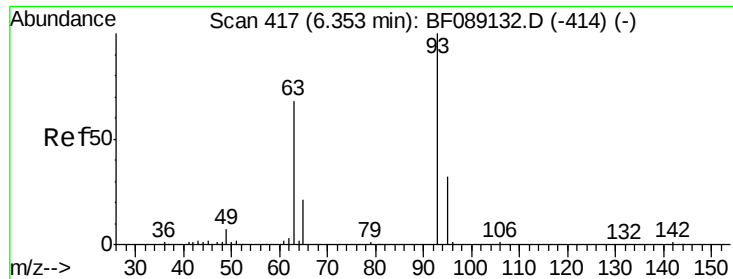


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

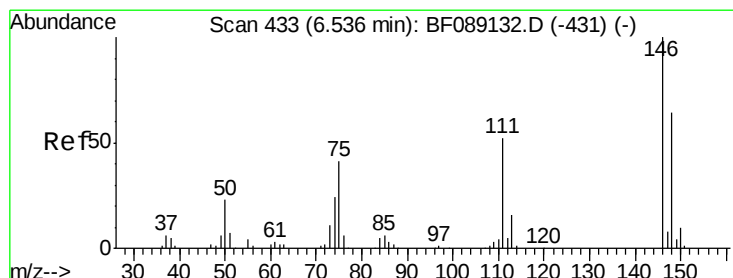
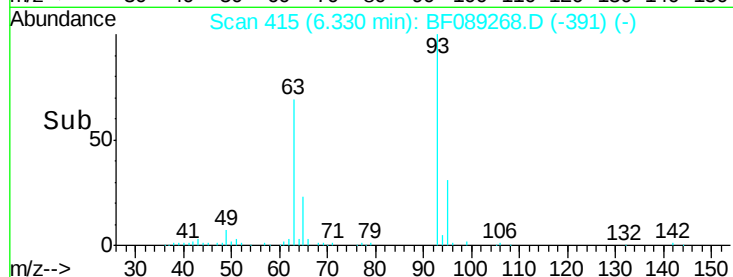
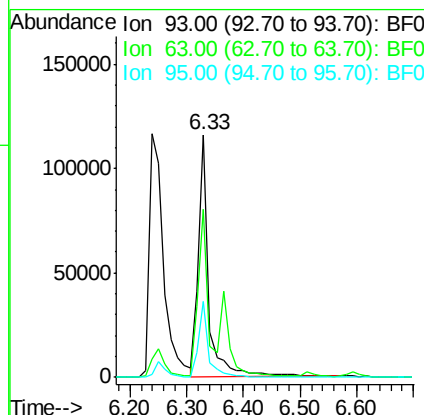
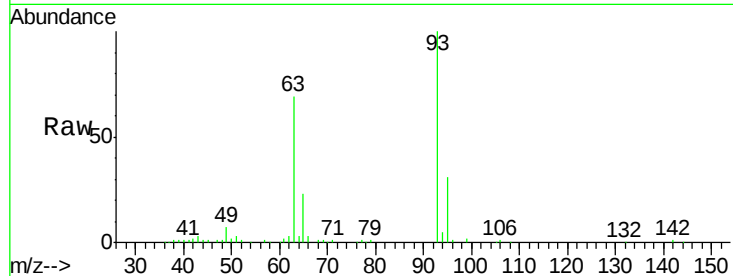




#11
 bis(2-Chloroethyl)ether
 Concen: 40.24 ng
 RT: 6.33 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

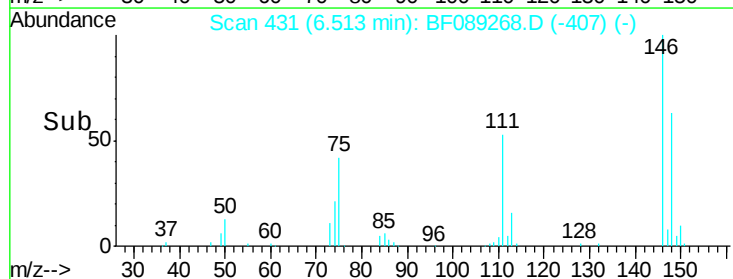
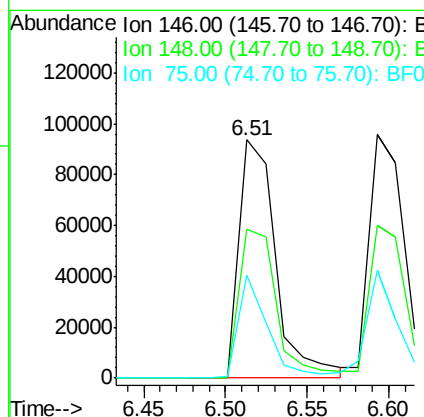
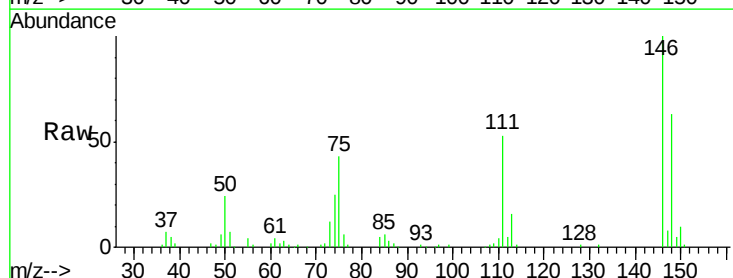
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

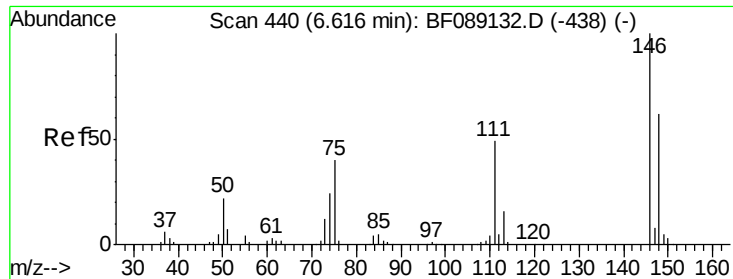
Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.0	47.3	87.3
95	31.4	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 35.64 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.6
75	42.9	32.5	48.7

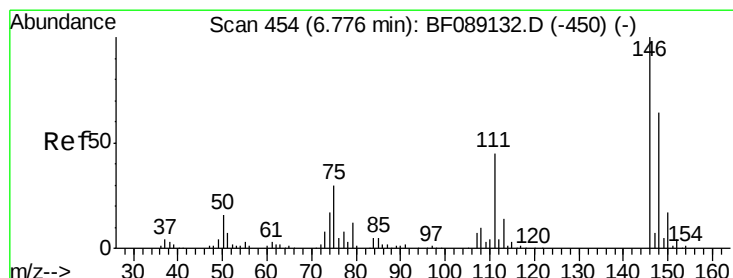
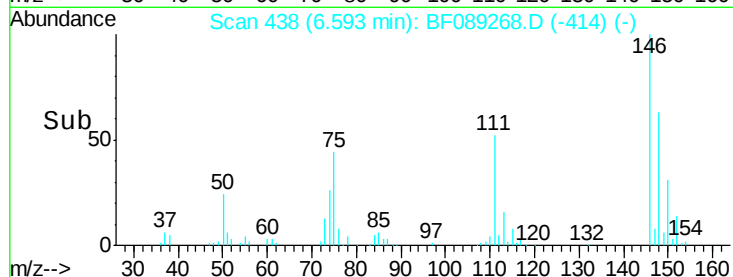
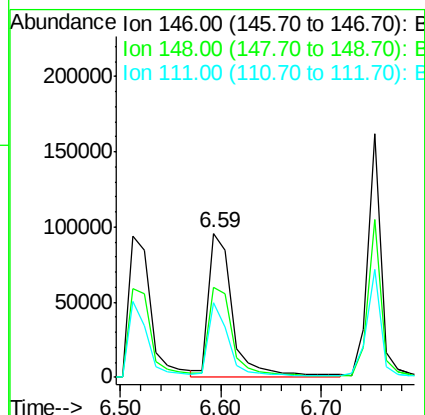
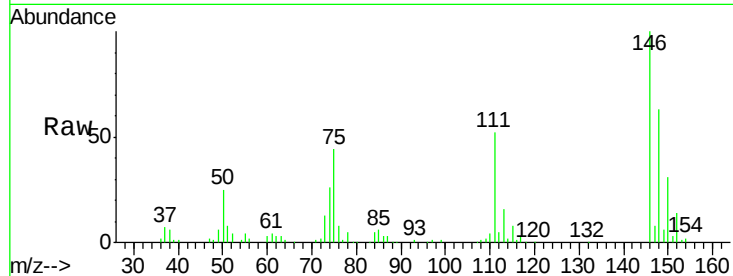




#13
 1,4-Dichlorobenzene
 Concen: 38.55 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

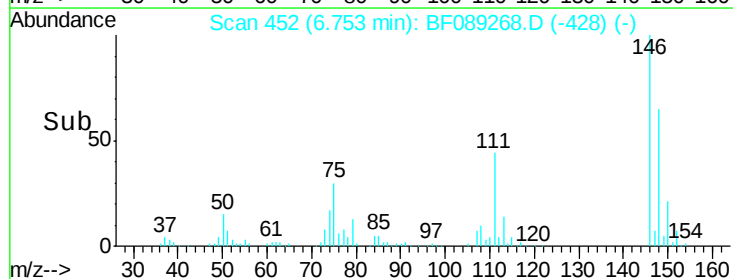
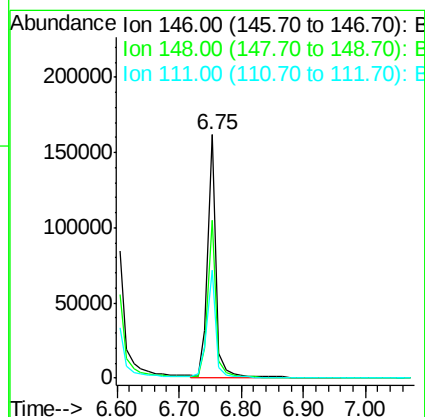
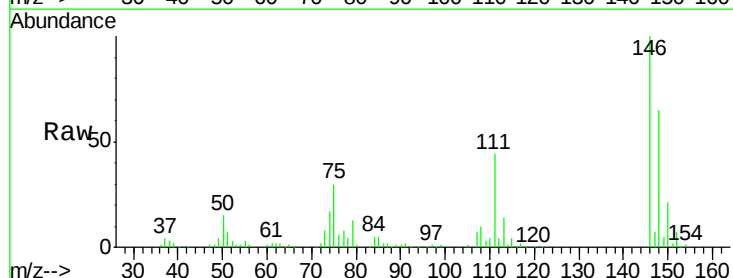
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

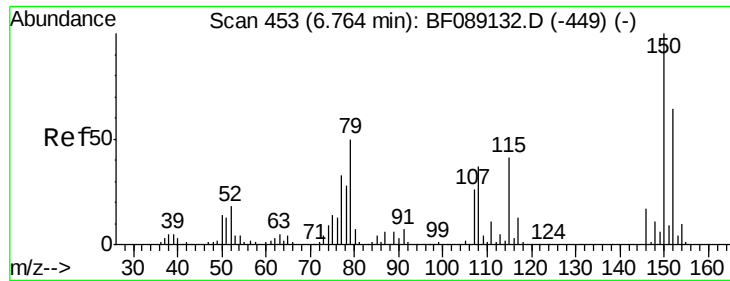
Tgt Ion:146 Resp: 158924
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.9 74.9
 111 51.7 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 40.08 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:146 Resp: 155804
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 44.4 35.9 53.9

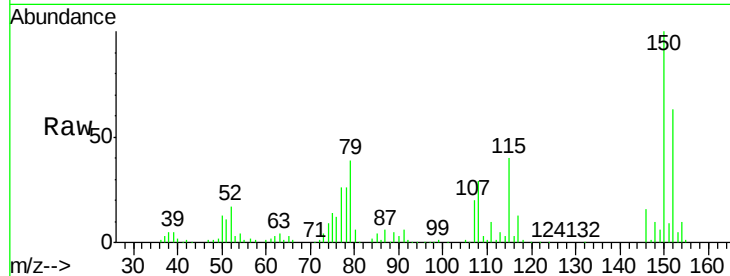




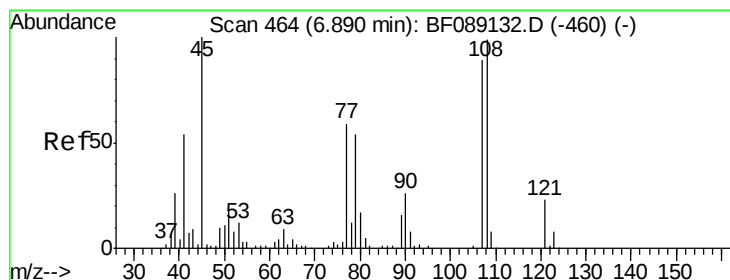
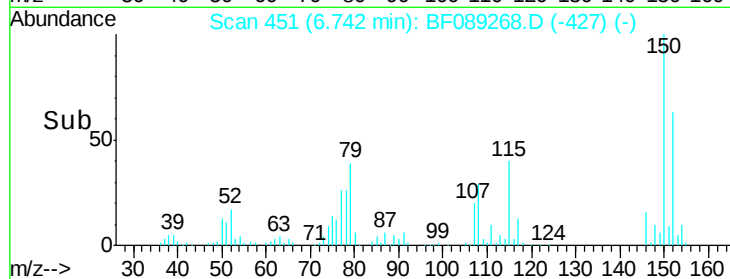
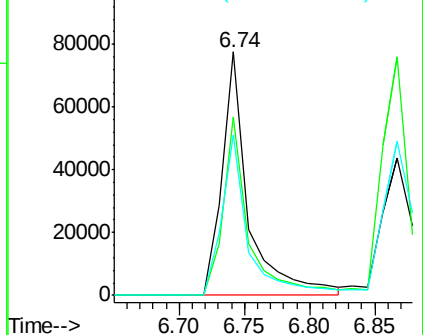
#15
Benzyl Alcohol
Concen: 34.99 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 110400
Ion Ratio Lower Upper
79 100
108 73.5 58.2 87.4
77 65.7 52.2 78.4

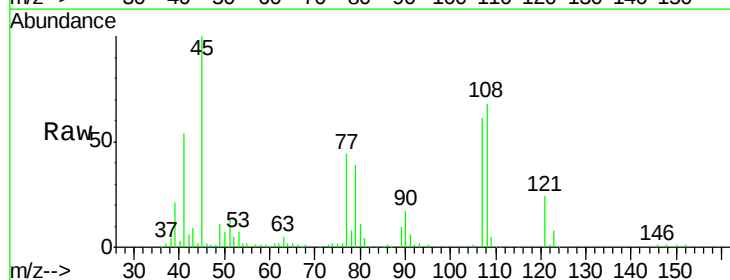


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

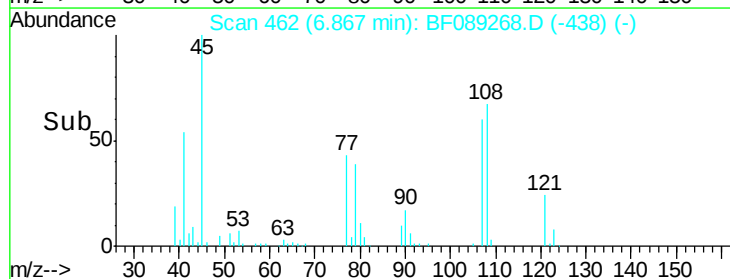
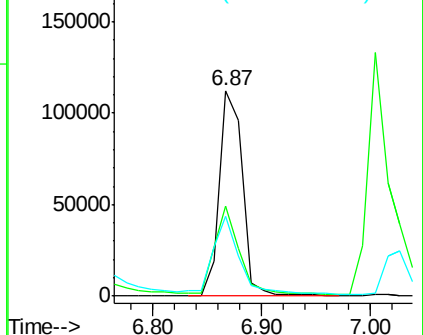


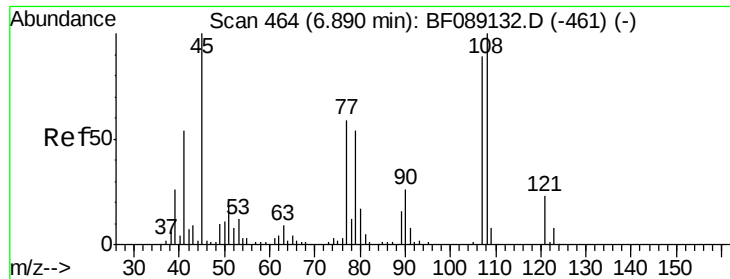
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.10 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion: 45 Resp: 166074
Ion Ratio Lower Upper
45 100
77 43.6 39.7 79.7
79 38.9 34.7 74.7



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

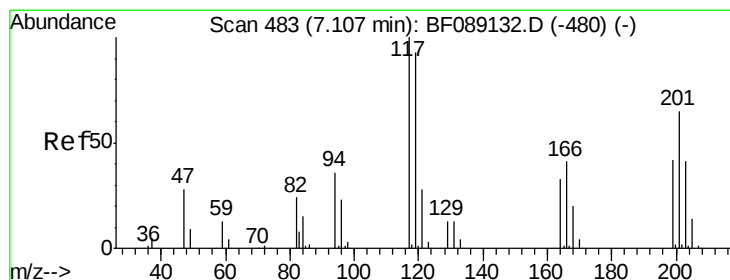
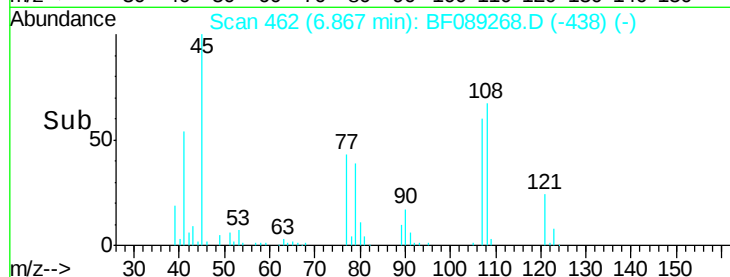
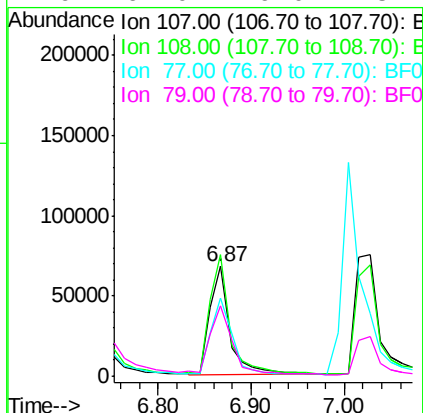
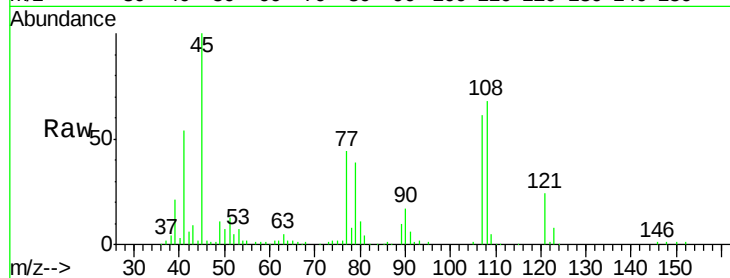




#17
2-Methylphenol
Concen: 34.74 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

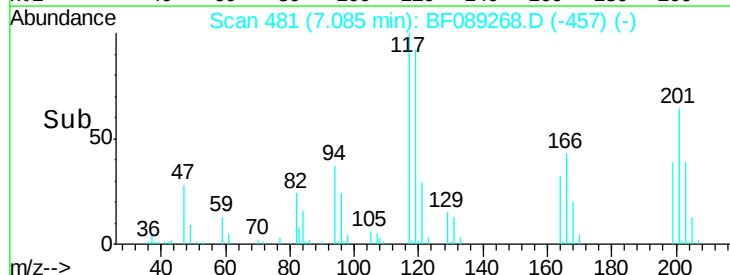
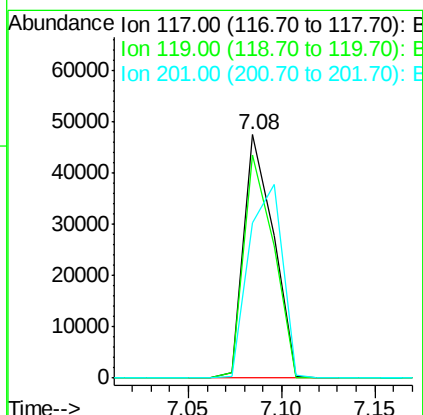
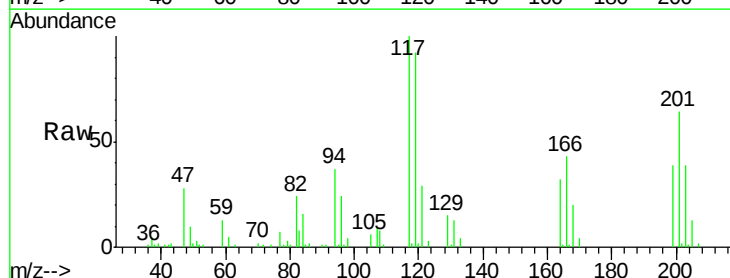
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

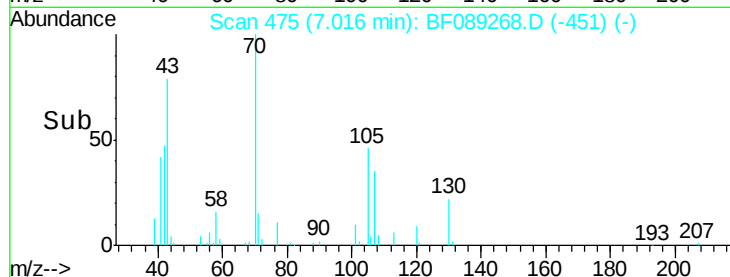
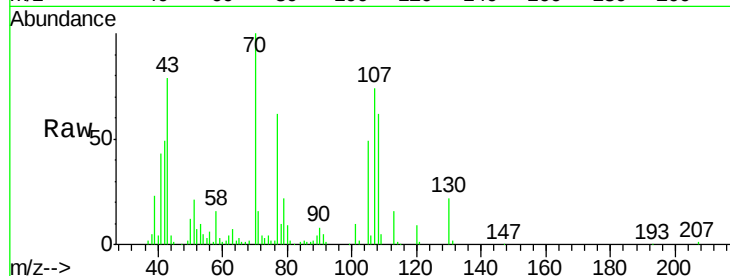
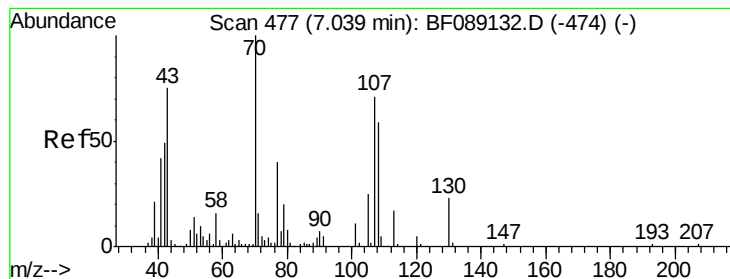
Tgt Ion:107 Resp: 101428
Ion Ratio Lower Upper
107 100
108 111.2 89.4 134.2
77 71.7 53.4 80.0
79 64.0 49.0 73.4



#18
Hexachloroethane
Concen: 33.96 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:117 Resp: 52628
Ion Ratio Lower Upper
117 100
119 91.6 74.5 111.7
201 64.0 51.8 77.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.97 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 109791

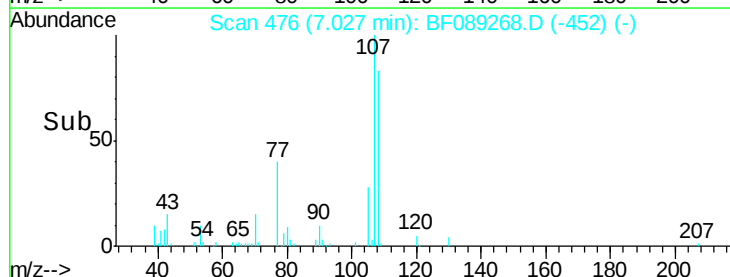
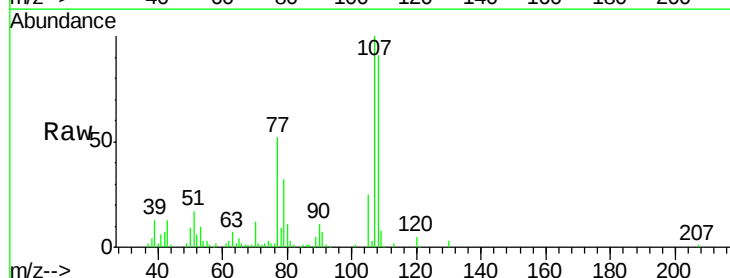
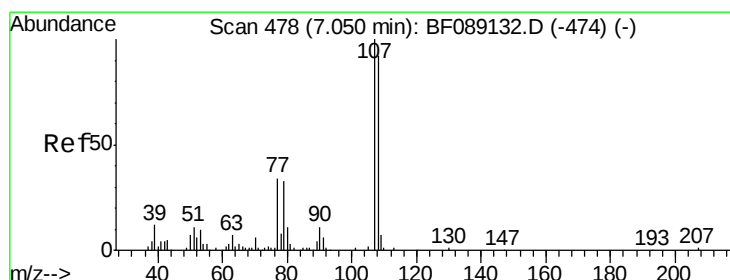
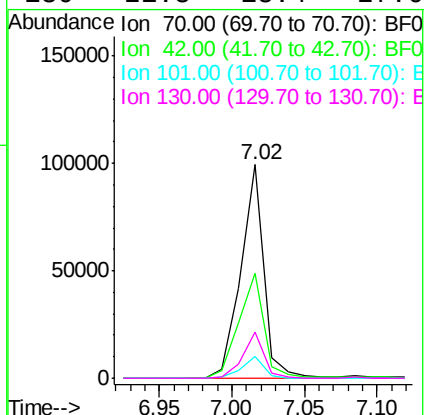
Ion Ratio Lower Upper

70 100

42 49.1 39.2 58.8

101 10.1 8.5 12.7

130 21.8 18.4 27.6



#20

3+4-Methylphenols

Concen: 35.12 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Tgt Ion: 107 Resp: 139232

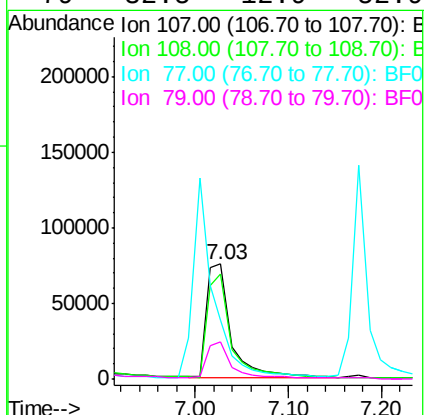
Ion Ratio Lower Upper

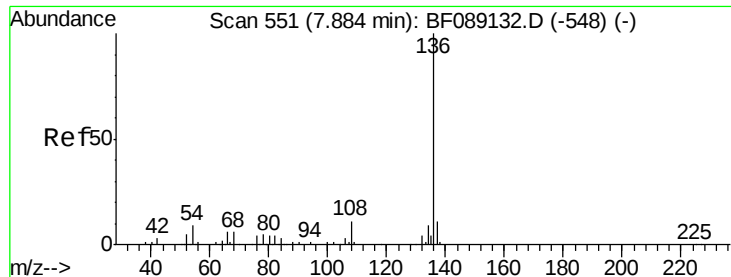
107 100

108 91.4 72.5 112.5

77 51.7 17.7 57.7

79 32.5 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 197419

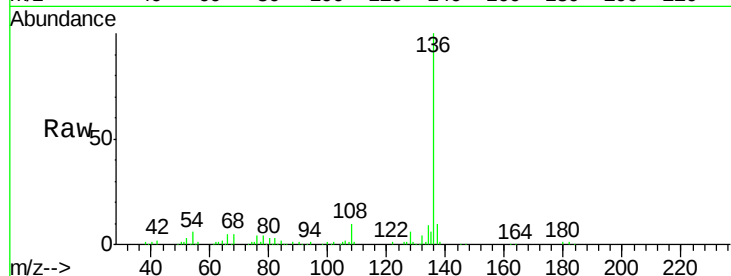
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.1 7.0 10.4#

68 4.5 5.0 7.6#

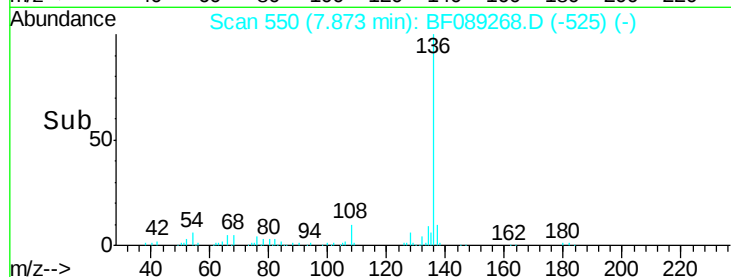


Abundance Ion 136.00 (135.70 to 136.70): E

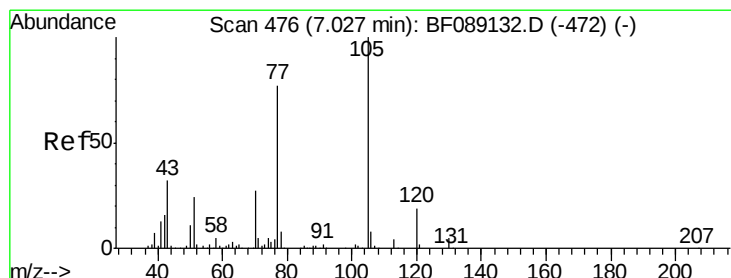
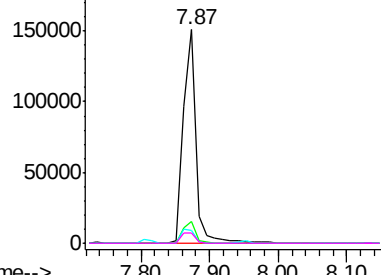
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.20 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Tgt Ion:105 Resp: 211952

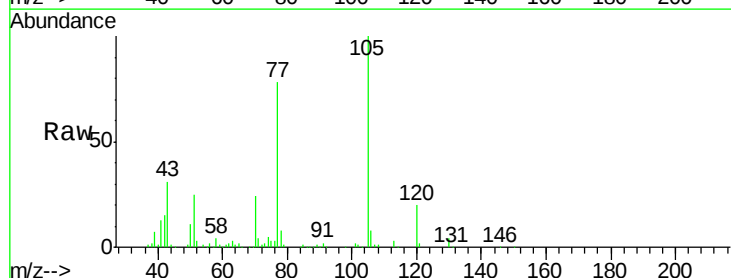
Ion Ratio Lower Upper

105 100

71 4.4 3.8 5.6

51 25.1 19.6 29.4

120 19.5 15.5 23.3

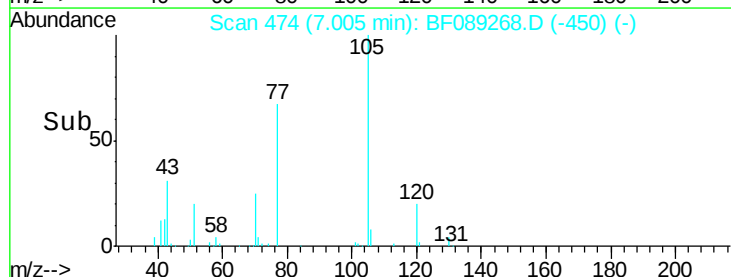


Abundance Ion 105.00 (104.70 to 105.70): E

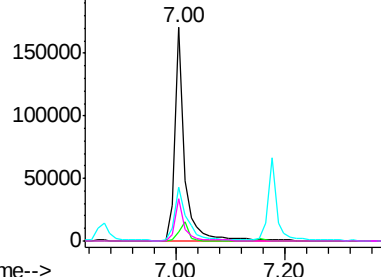
Ion 71.00 (70.70 to 71.70): BF0

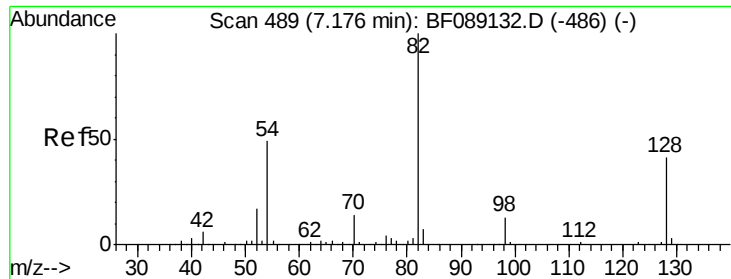
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

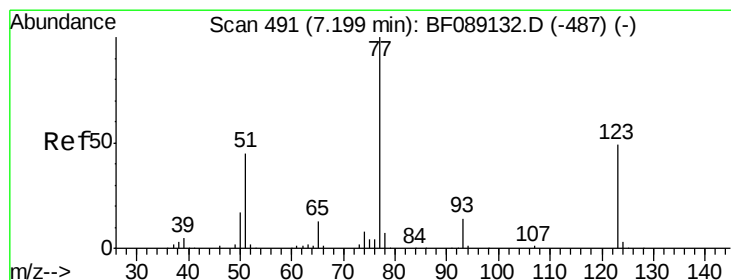
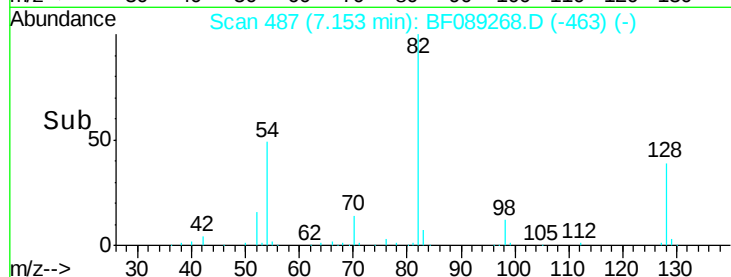
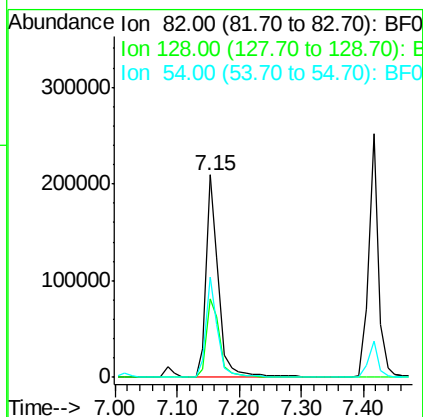
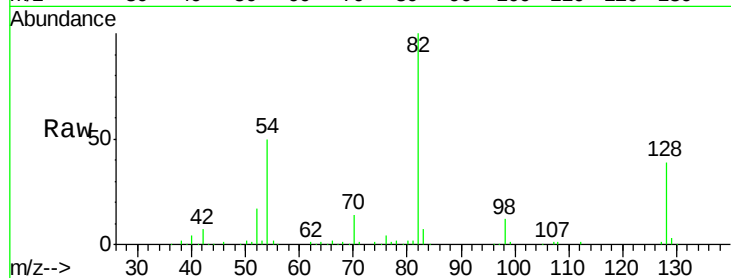




#23
 Nitrobenzene-d5
 Concen: 78.13 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

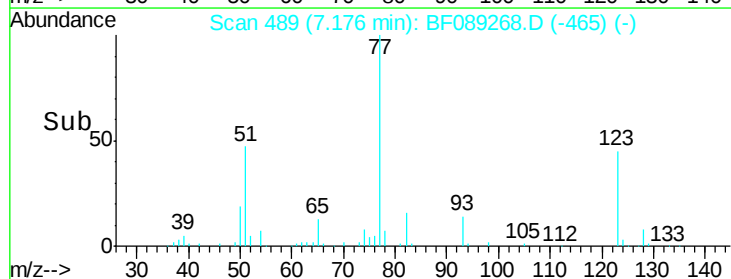
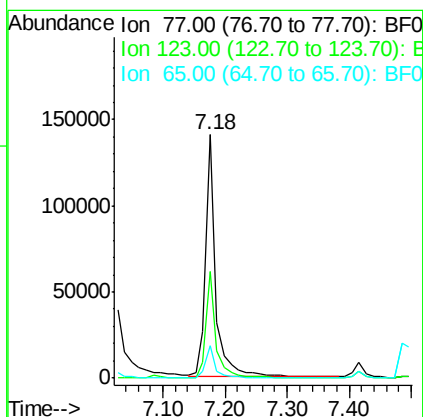
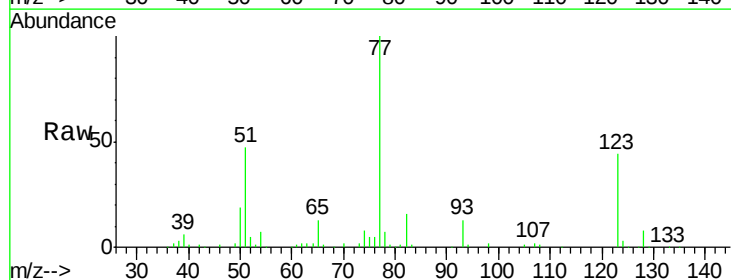
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

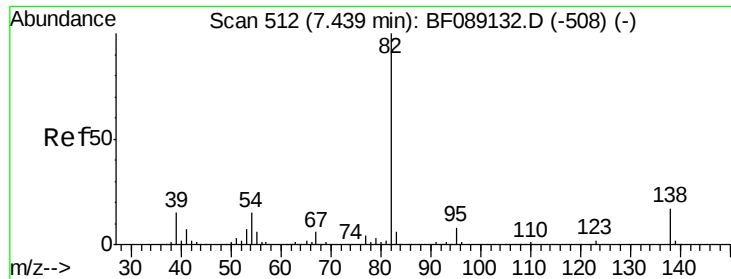
Tgt Ion: 82 Resp: 290292
 Ion Ratio Lower Upper
 82 100
 128 39.0 33.0 49.6
 54 49.9 39.0 58.4



#24
 Nitrobenzene
 Concen: 41.21 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion: 77 Resp: 161474
 Ion Ratio Lower Upper
 77 100
 123 43.6 38.9 58.3
 65 13.3 10.6 15.8

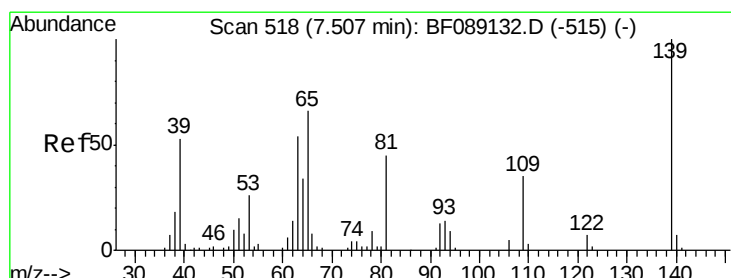
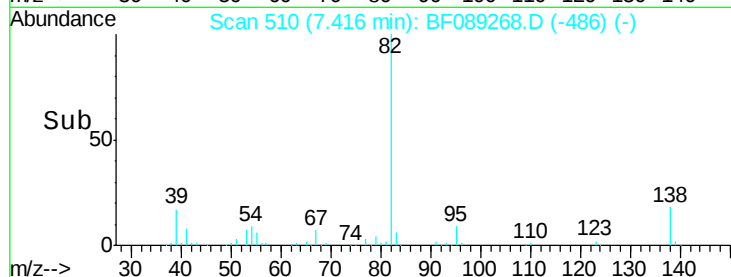
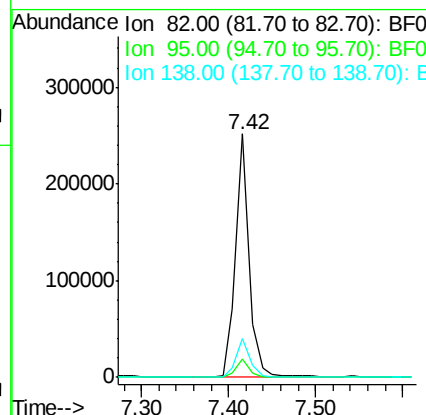
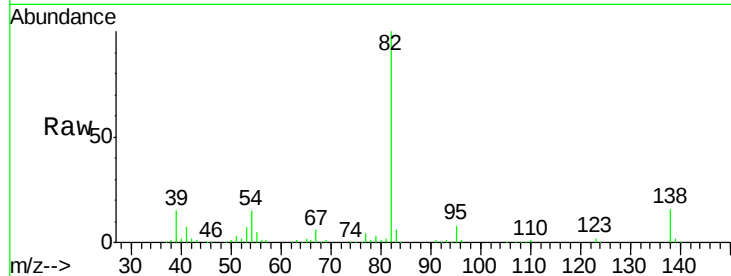




#25
Isophorone
Concen: 39.39 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

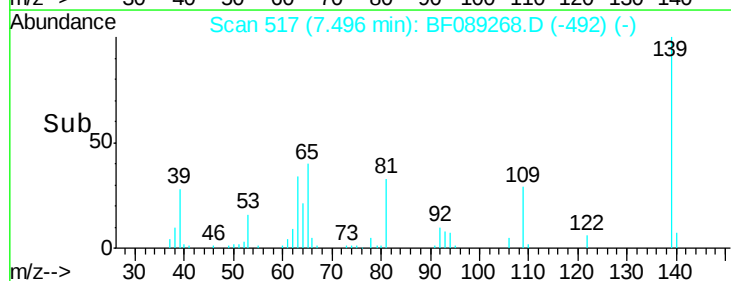
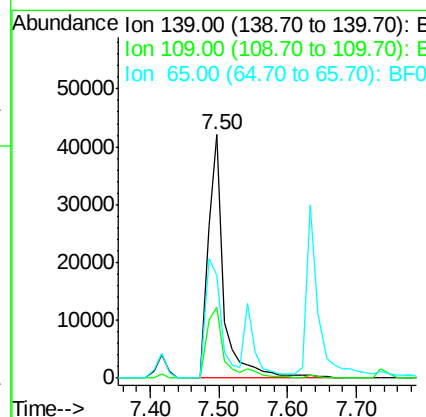
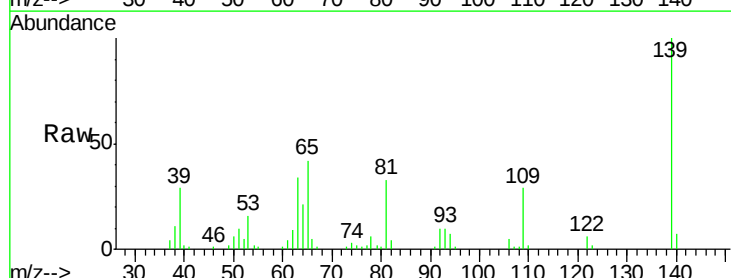
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

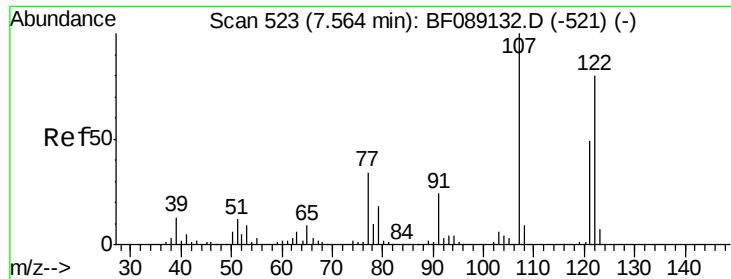
Tgt Ion: 82 Resp: 269707
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.2 13.6 20.4



#26
2-Nitrophenol
Concen: 35.56 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion: 139 Resp: 64987
Ion Ratio Lower Upper
139 100
109 29.3 28.1 42.1
65 42.2 52.7 79.1#

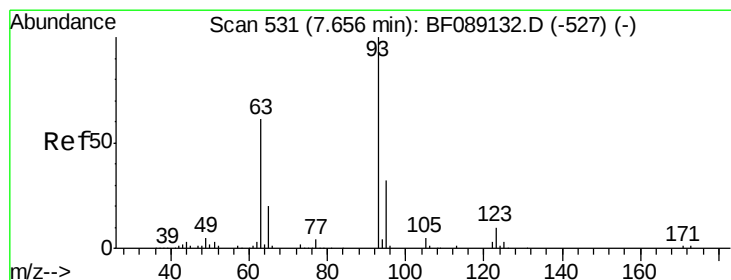
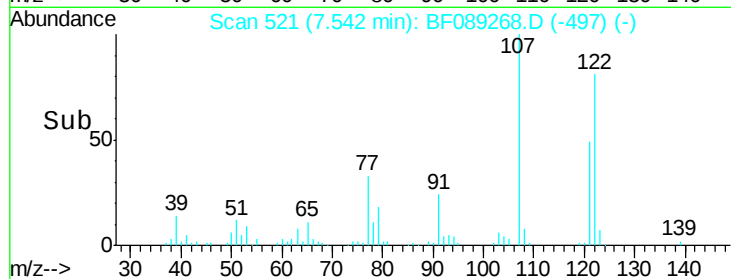
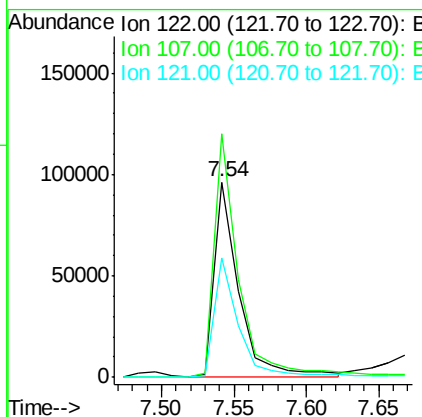
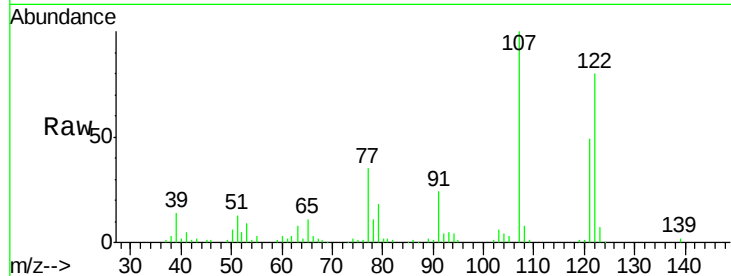




#27
 2,4-Dimethylphenol
 Concen: 36.72 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

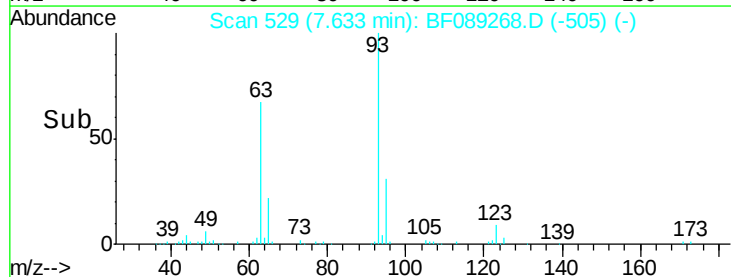
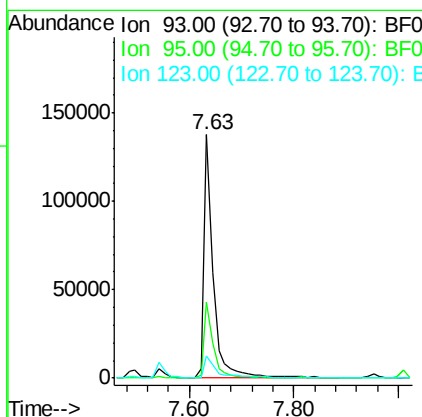
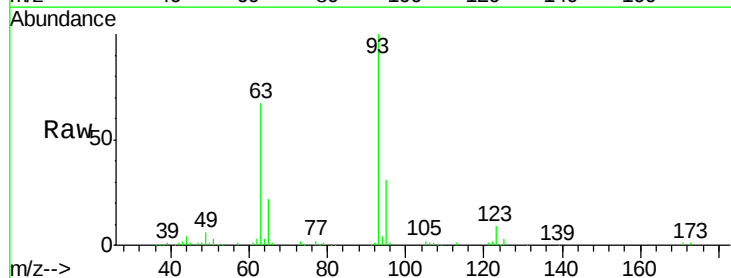
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

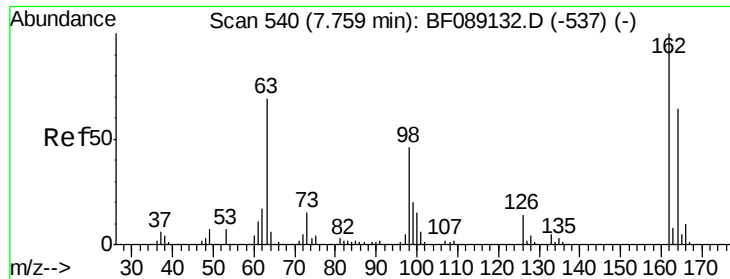
Tgt Ion:122 Resp: 113078
 Ion Ratio Lower Upper
 122 100
 107 124.6 99.7 149.5
 121 61.1 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.96 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion: 93 Resp: 175448
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.4 38.0
 123 9.1 8.3 12.5

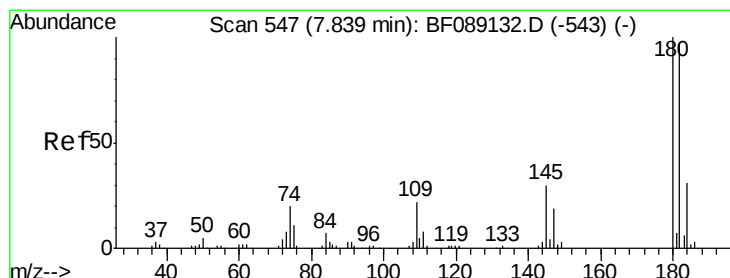
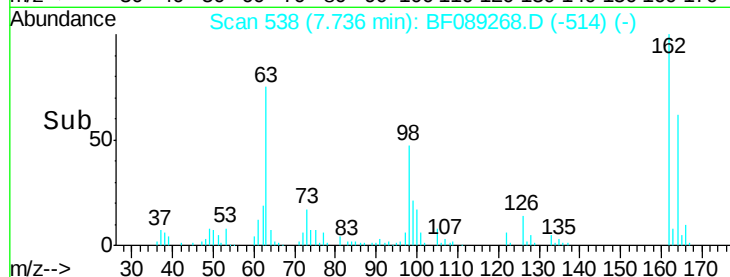
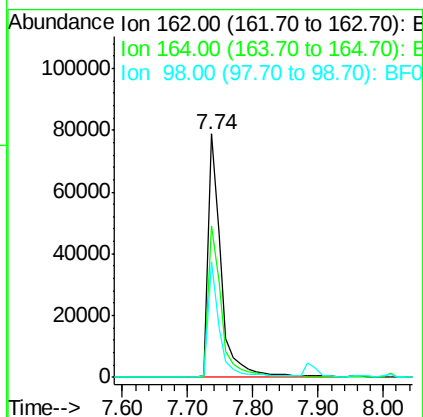
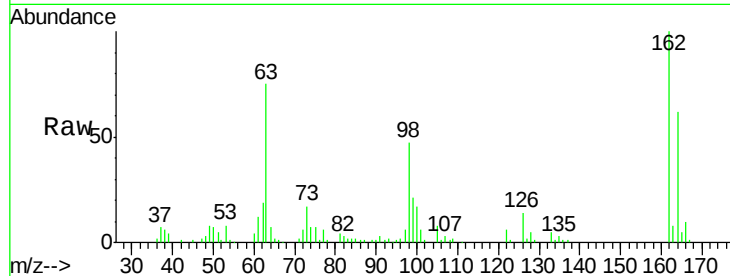




#29
 2,4-Dichlorophenol
 Concen: 39.59 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

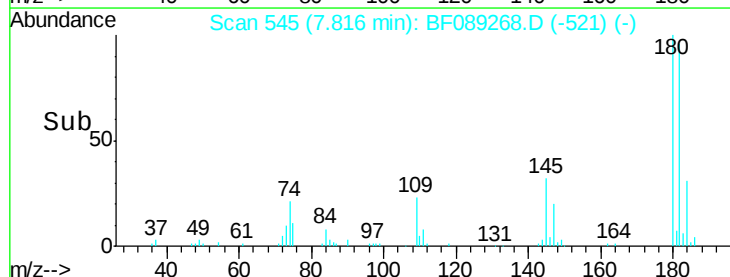
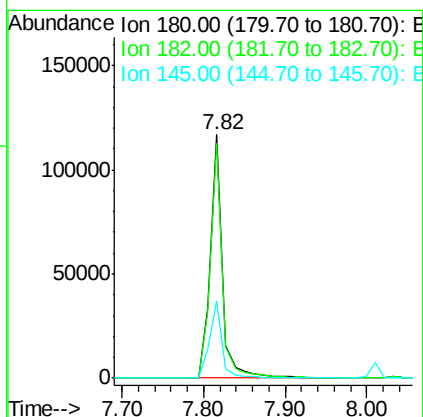
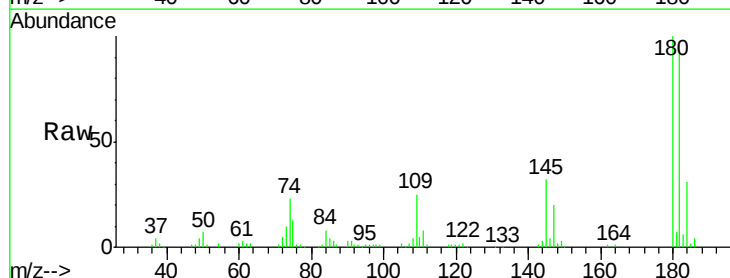
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

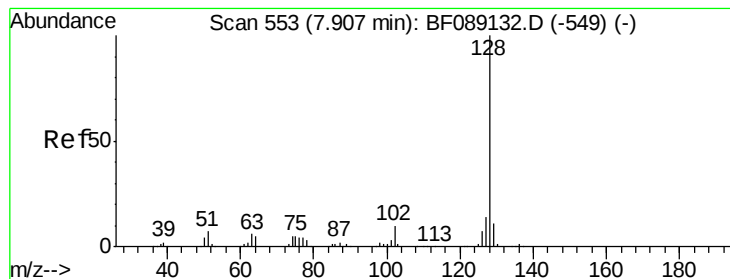
Tgt Ion:162 Resp: 109855
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.0 84.0
 98 47.4 26.0 66.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.36 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:180 Resp: 123985
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.6 116.4
 145 31.6 24.0 36.0





#31

Naphthalene

Concen: 35.24 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

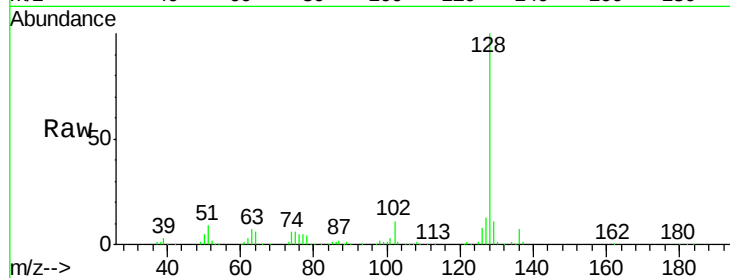
Tgt Ion:128 Resp: 375442

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

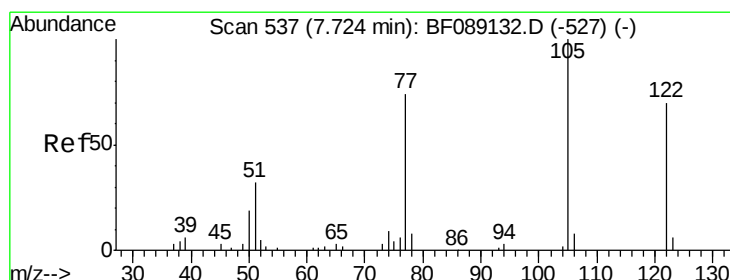
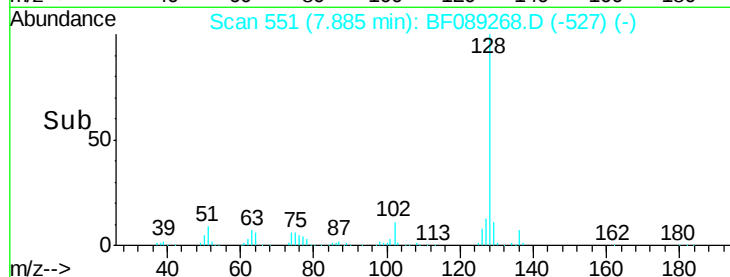
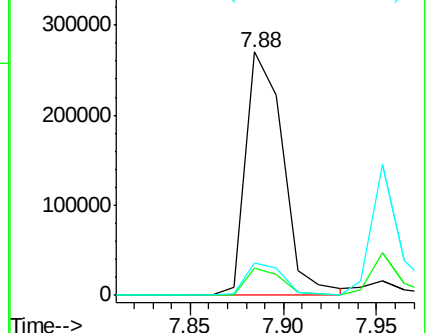
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.88 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.03 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

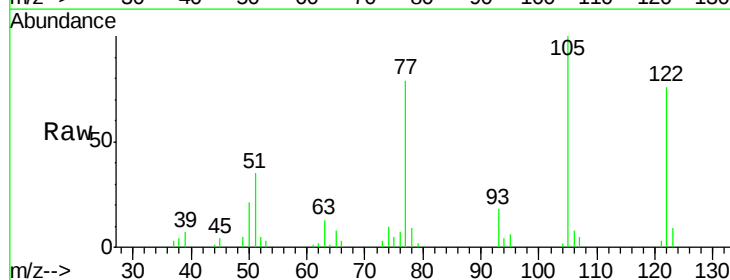
Tgt Ion:122 Resp: 66032

Ion Ratio Lower Upper

122 100

105 131.4 119.0 159.0

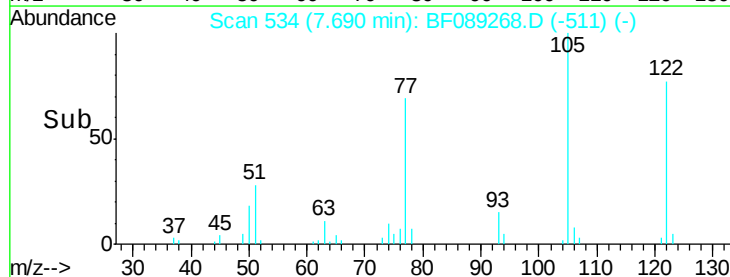
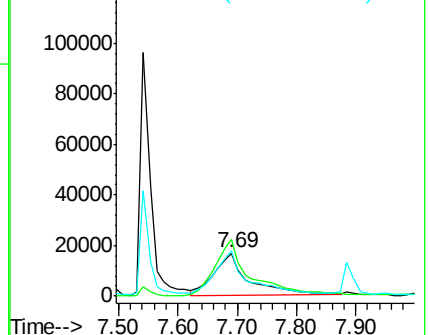
77 103.8 84.7 124.7

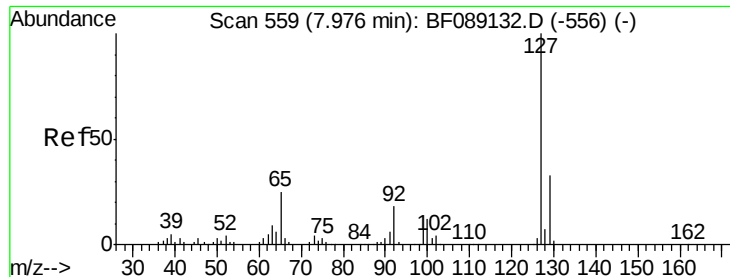


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

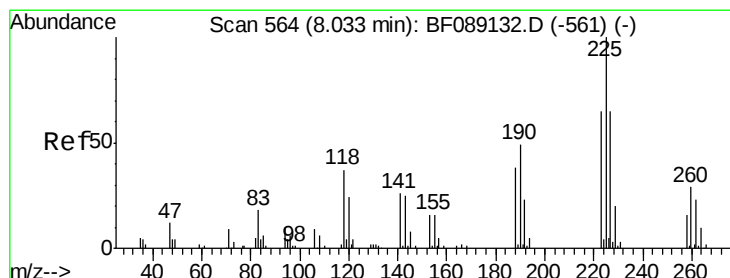
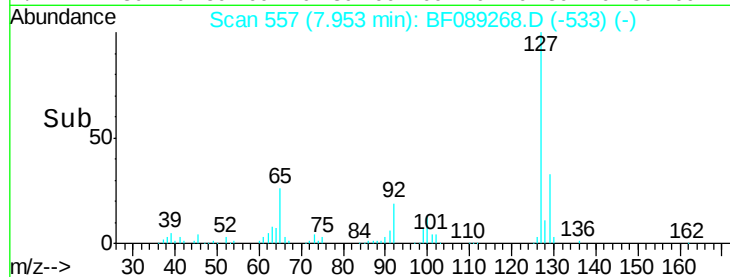
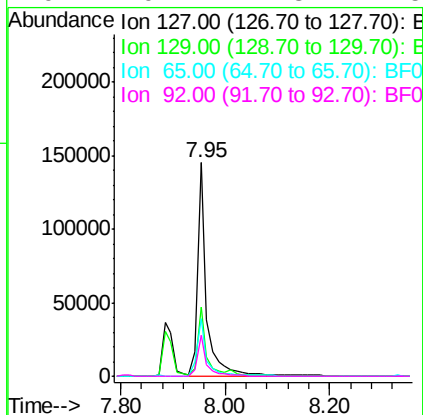
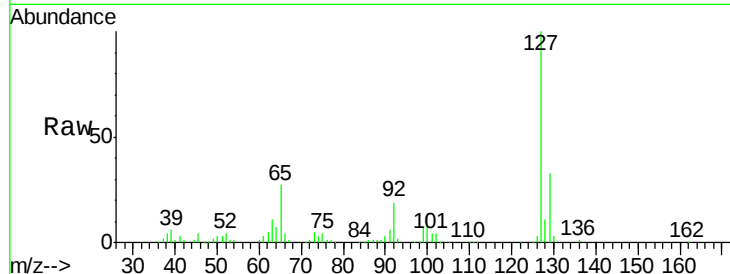




#33
4-Chloroaniline
Concen: 38.63 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

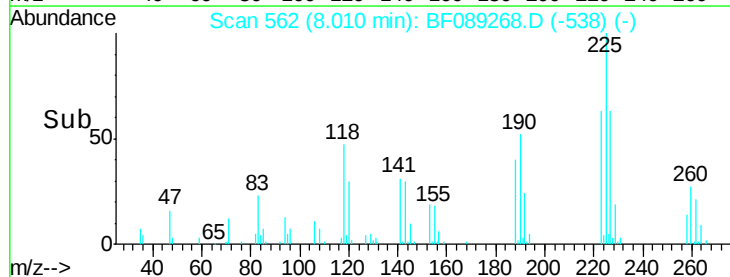
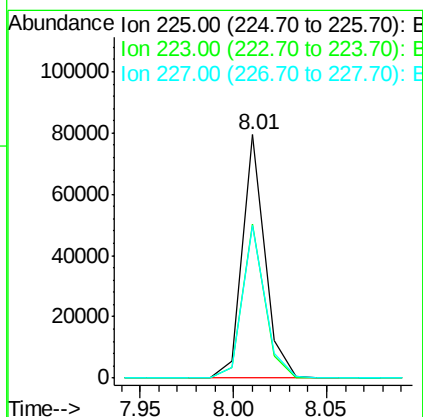
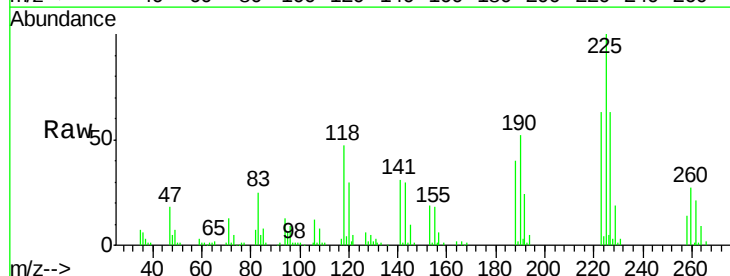
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

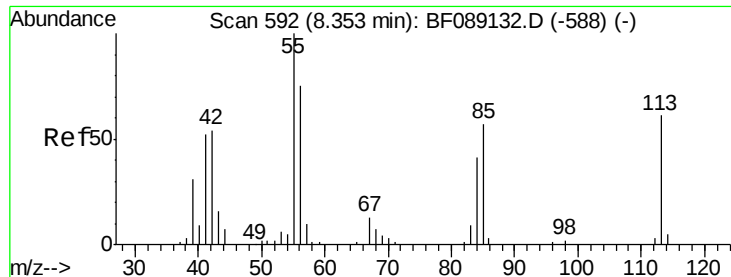
Tgt Ion:	127	Resp:	173085
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.3	19.7	29.5
92	19.2	14.3	21.5



#34
Hexachlorobutadiene
Concen: 39.33 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:	225	Resp:	67242
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.6	77.4
227	62.6	51.6	77.4





#35

Caprolactam

Concen: 33.89 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

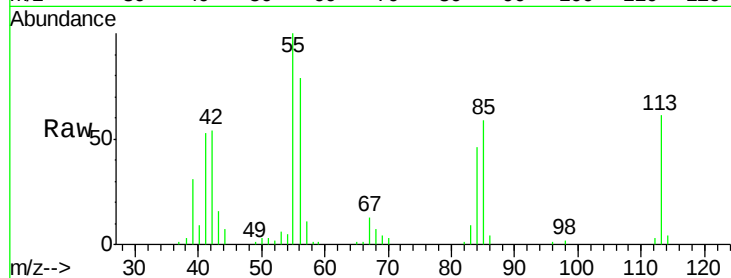
Tgt Ion:113 Resp: 29206

Ion Ratio Lower Upper

113 100

55 164.0 145.3 185.3

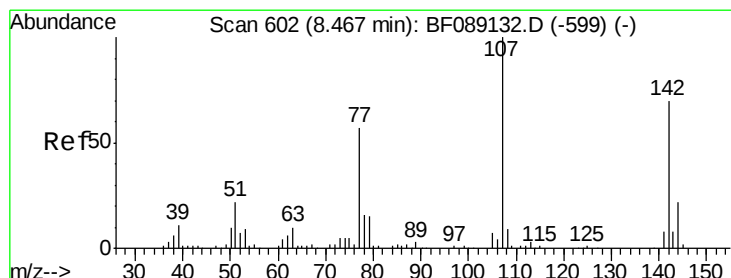
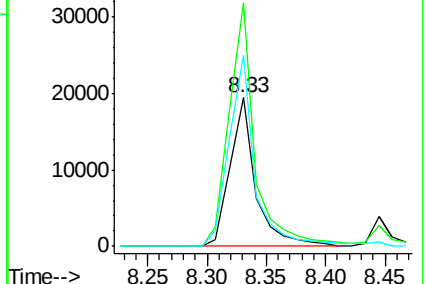
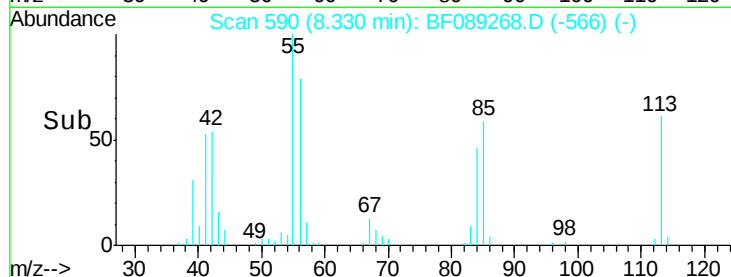
56 129.0 104.3 144.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.96 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

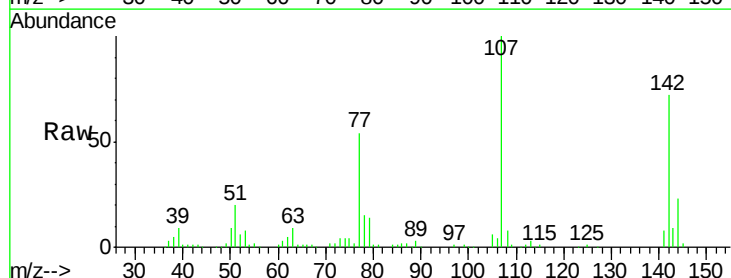
Tgt Ion:107 Resp: 130252

Ion Ratio Lower Upper

107 100

144 23.1 17.8 26.6

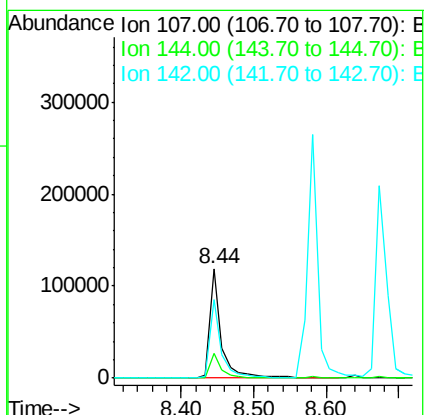
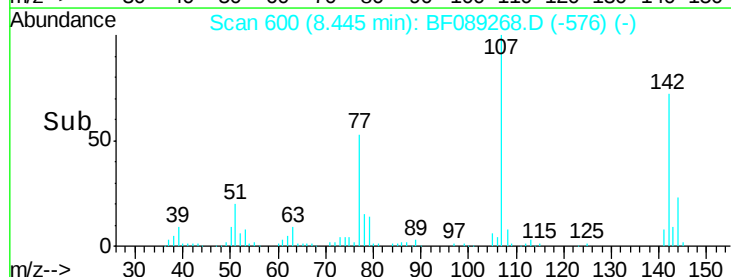
142 71.5 56.1 84.1

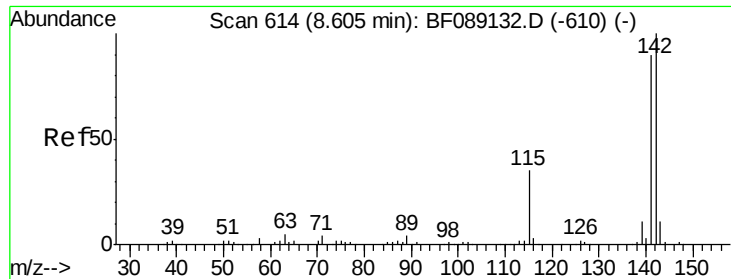


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

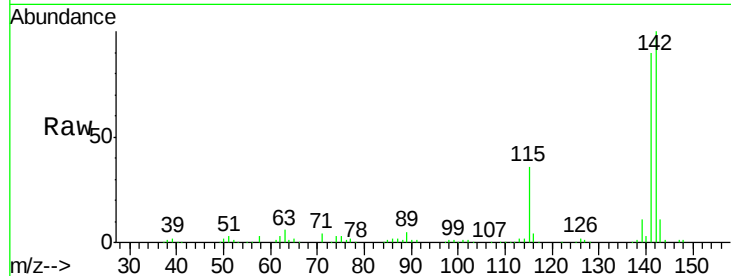




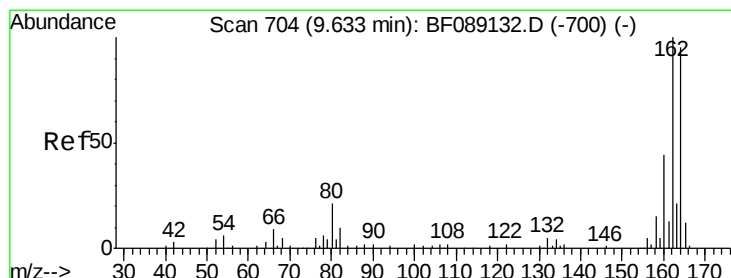
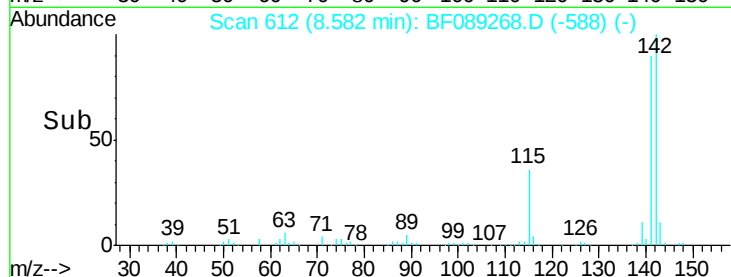
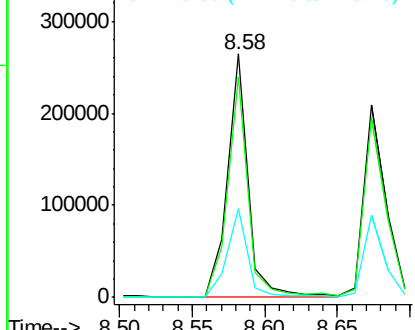
#37
 2-Methylnaphthalene
 Concen: 38.50 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 261584
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.6 107.4
 115 36.3 27.6 41.4

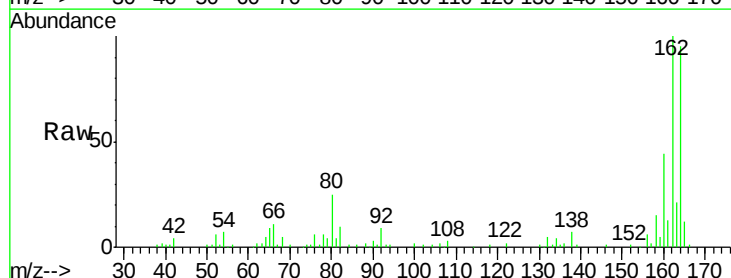


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

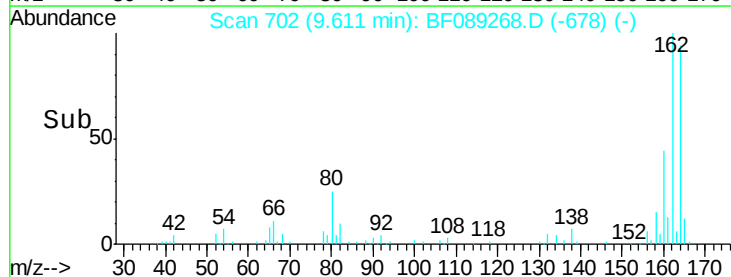
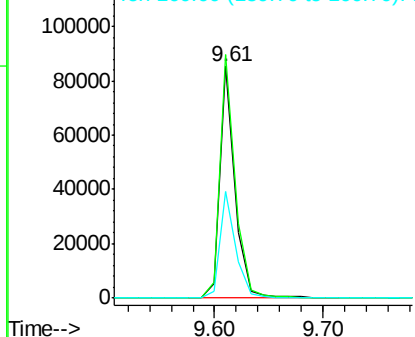


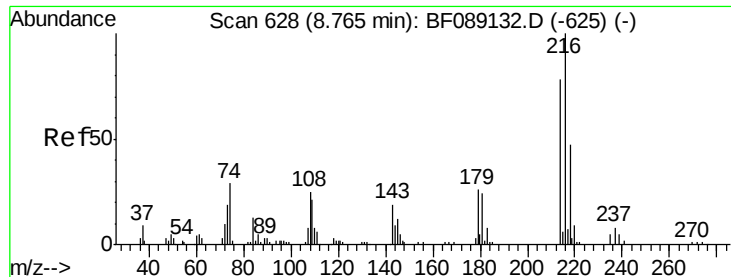
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:164 Resp: 82536
 Ion Ratio Lower Upper
 164 100
 162 104.9 84.1 126.1
 160 46.0 37.1 55.7



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.15 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 129308

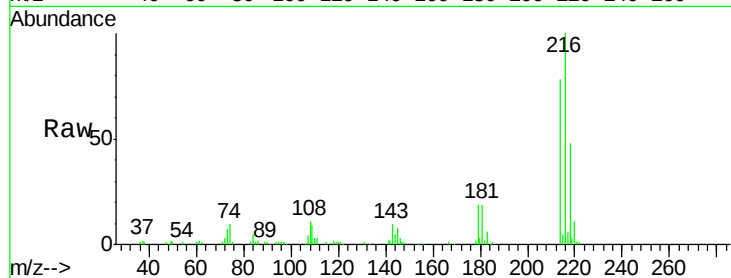
Ion Ratio Lower Upper

216 100

214 78.3 61.9 92.9

179 22.1 18.4 27.6

108 18.7 17.0 25.6

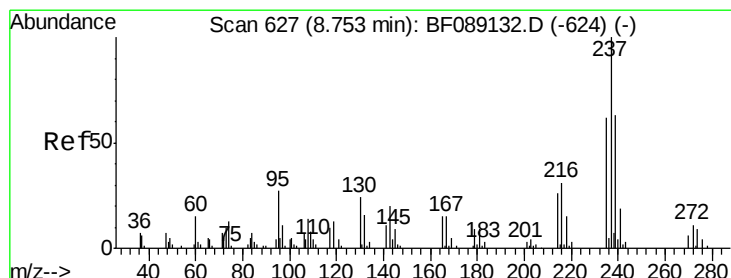
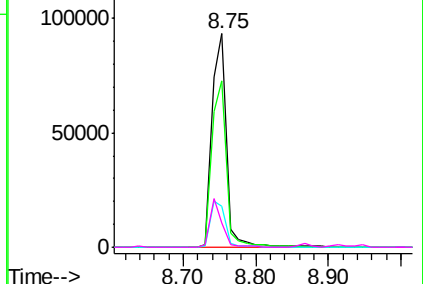
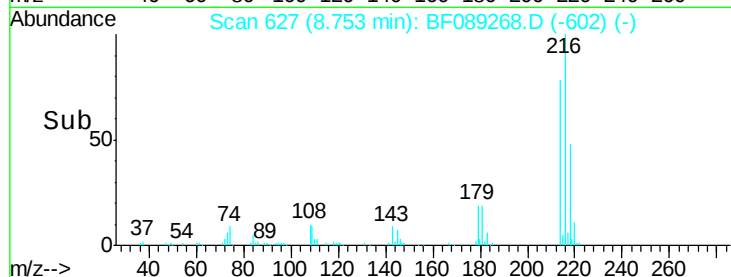


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.11 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

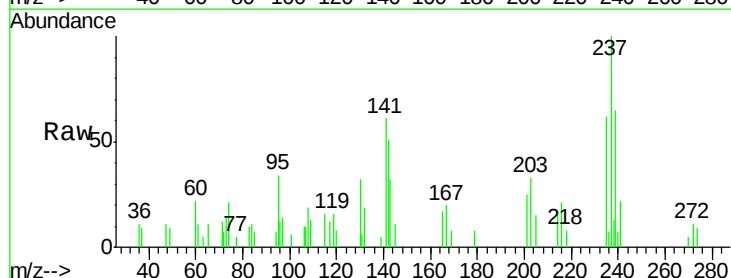
Tgt Ion:237 Resp: 5351

Ion Ratio Lower Upper

237 100

235 62.3 42.1 82.1

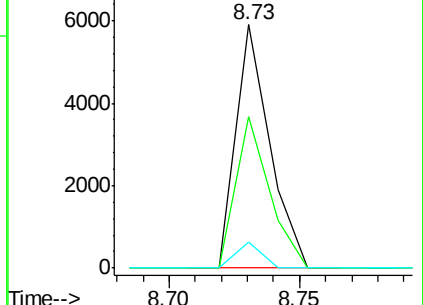
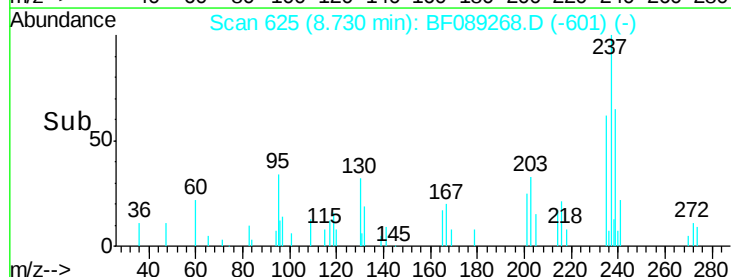
272 10.9 0.0 31.4

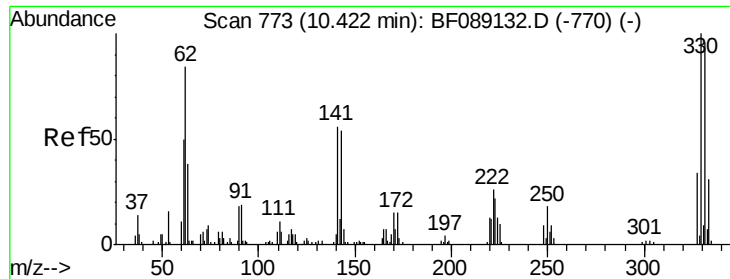


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

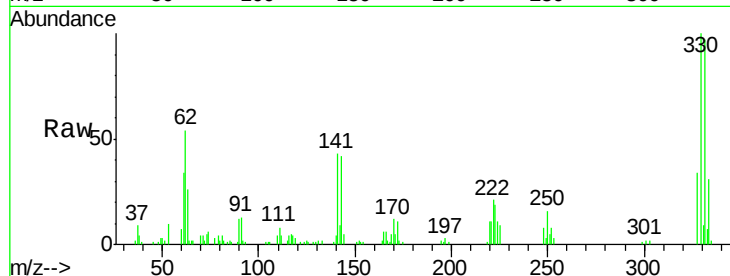




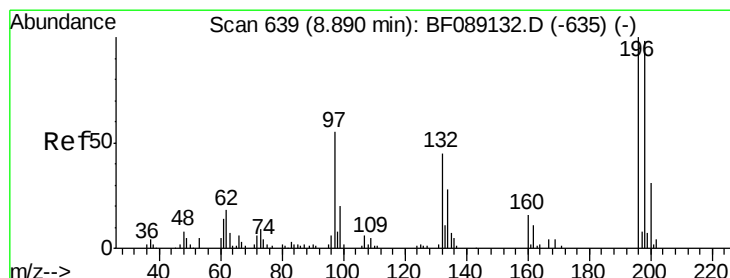
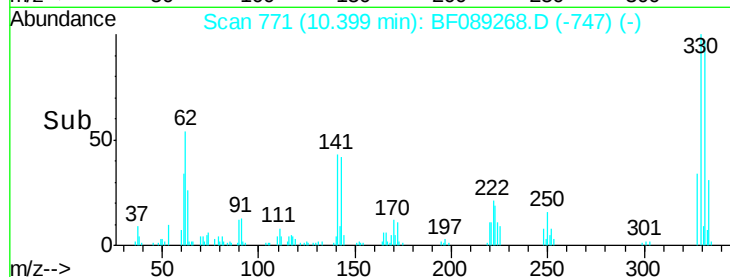
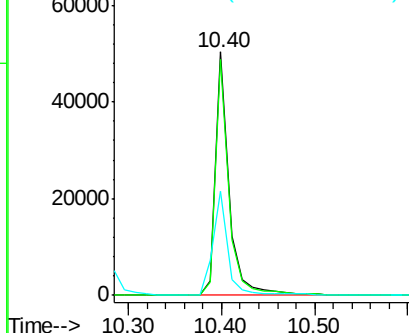
#41
 2,4,6-Tribromophenol
 Concen: 68.37 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion:330 Resp: 50807
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 48.8 42.2 63.2

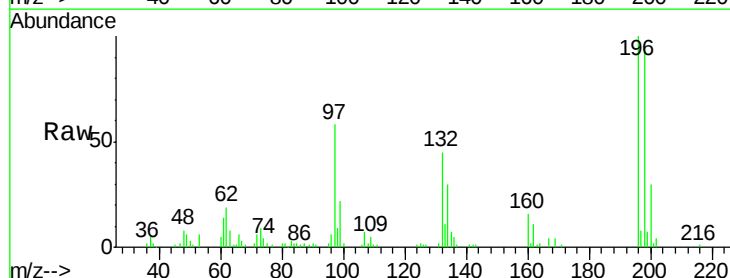


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

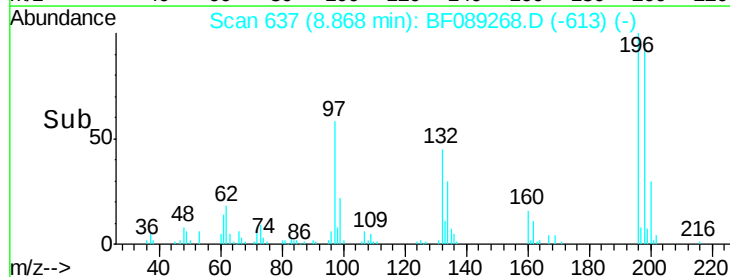
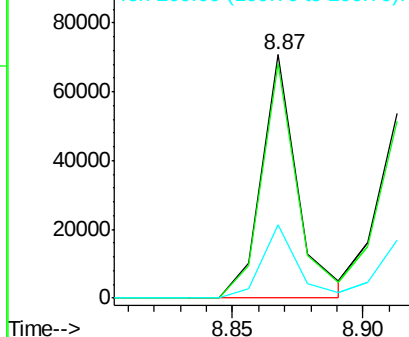


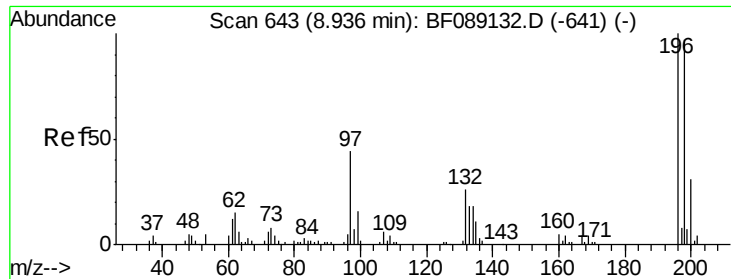
#42
 2,4,6-Trichlorophenol
 Concen: 39.36 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:196 Resp: 67578
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.3 117.5
 200 30.3 25.0 37.4



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

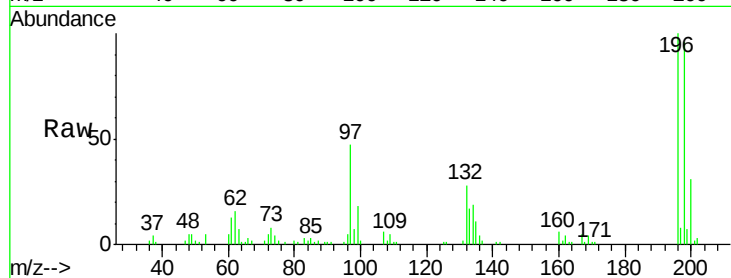




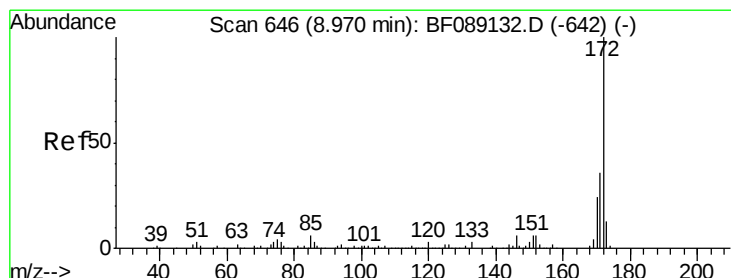
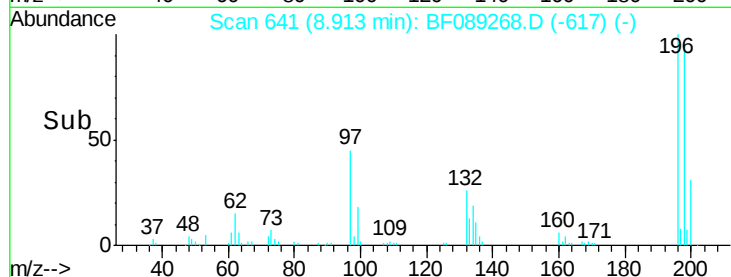
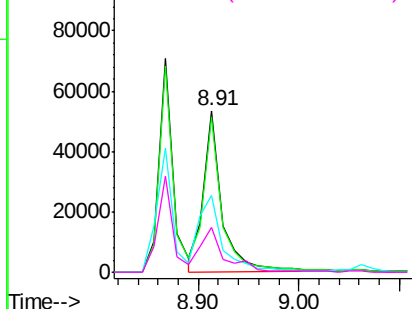
#43
 2,4,5-Trichlorophenol
 Concen: 40.10 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.6	116.4
97	47.4	36.5	54.7
132	27.6	21.2	31.8

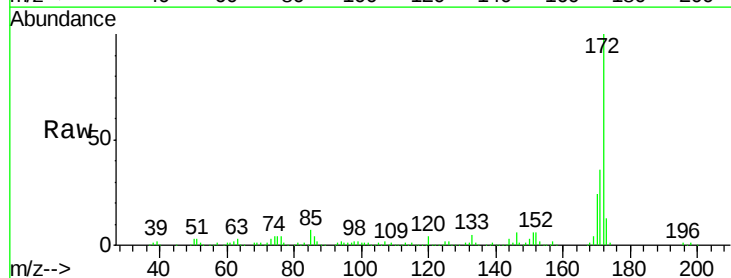


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

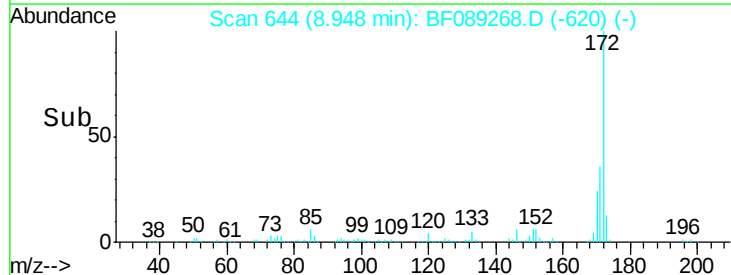
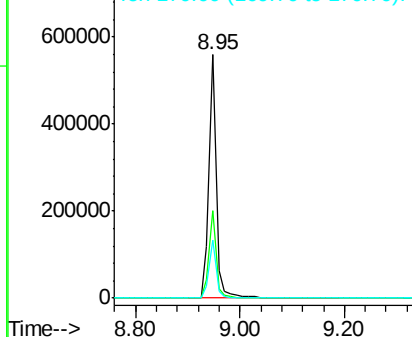


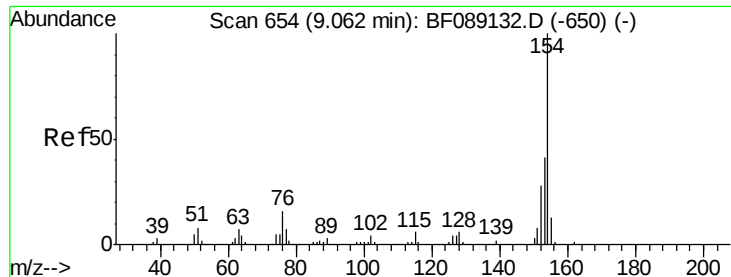
#44
 2-Fluorobiphenyl
 Concen: 91.09 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.8	19.1	28.7



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: 41.26 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

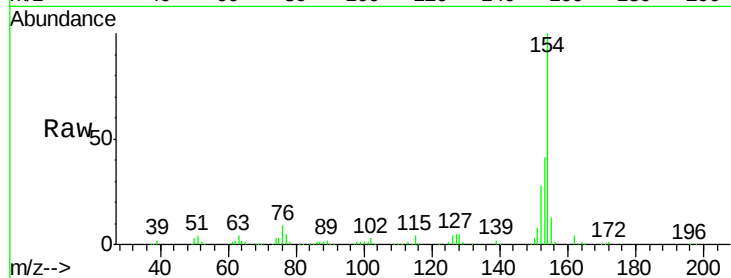
Tgt Ion:154 Resp: 306685

Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

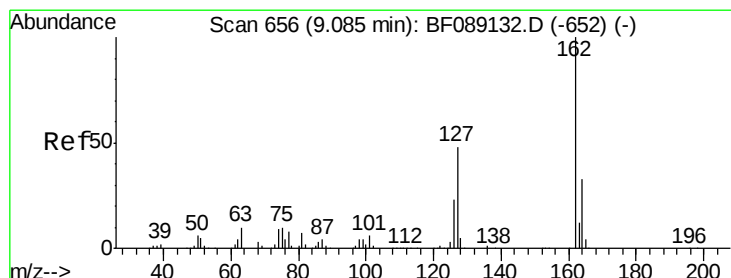
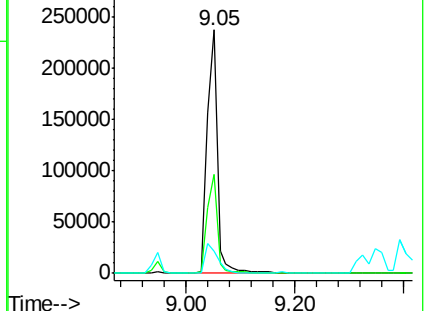
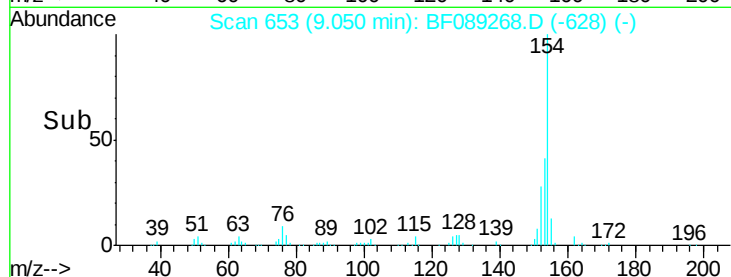
76 8.9 0.0 35.8



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: 40.67 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

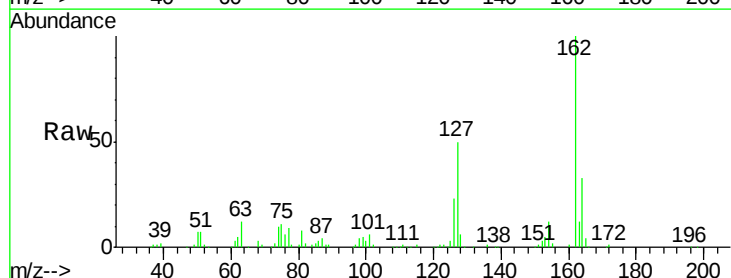
Tgt Ion:162 Resp: 229693

Ion Ratio Lower Upper

162 100

127 50.2 38.1 57.1

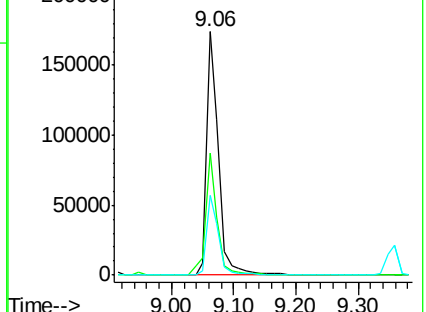
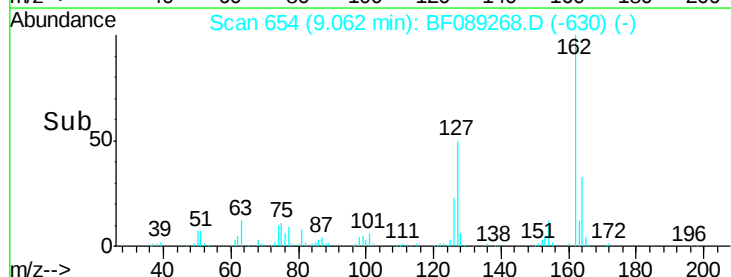
164 32.6 26.1 39.1

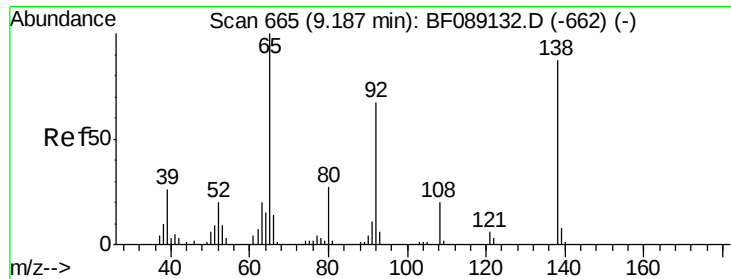


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.92 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

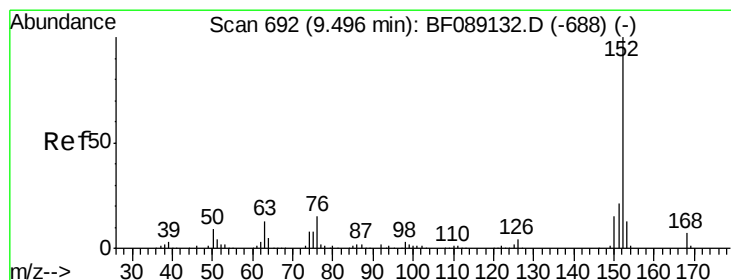
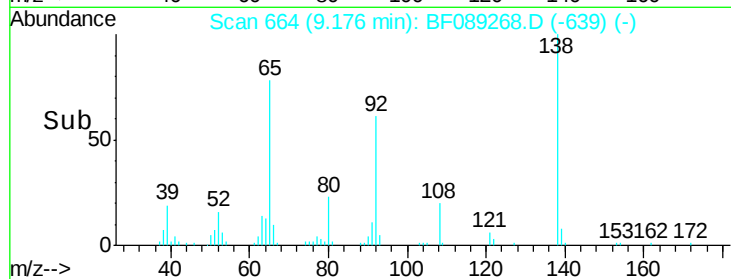
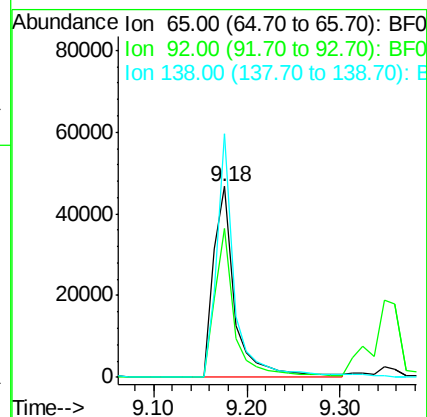
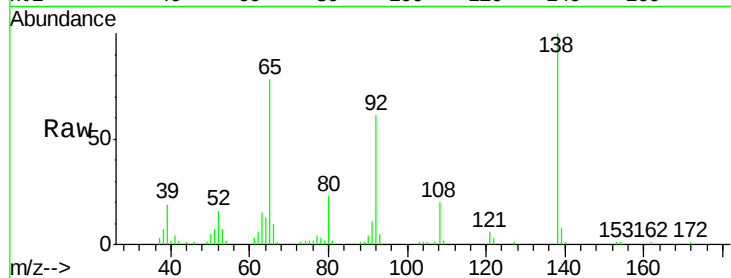
Tgt Ion: 65 Resp: 75408

Ion Ratio Lower Upper

65 100

92 78.3 53.2 79.8

138 127.6 69.4 104.2#



#48

Acenaphthylene

Concen: 40.27 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

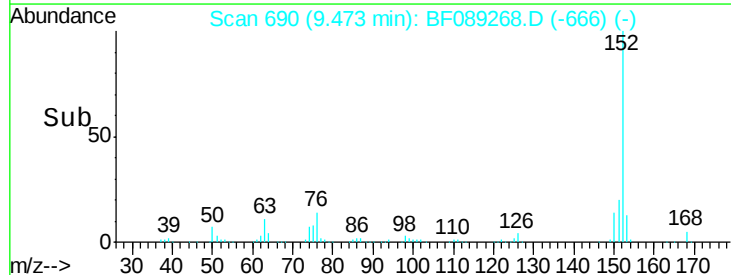
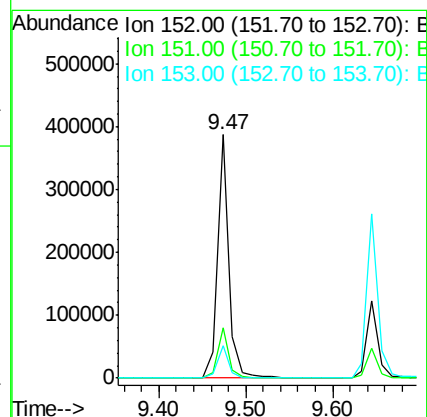
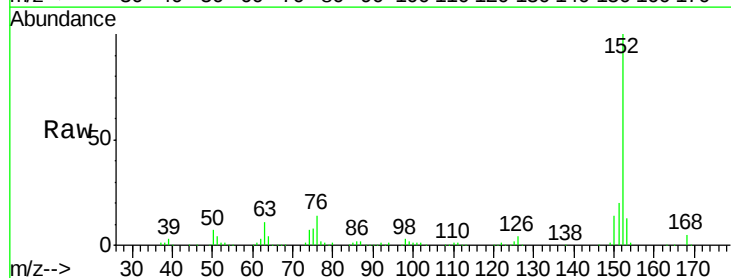
Tgt Ion: 152 Resp: 357564

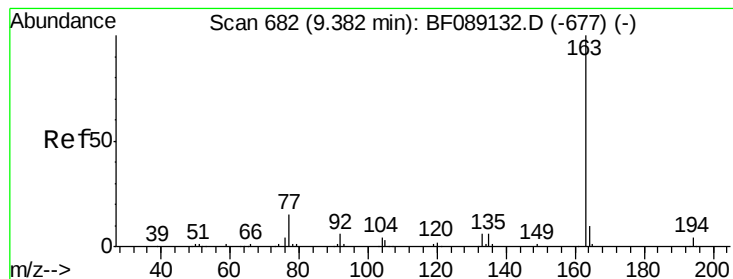
Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 44.11 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

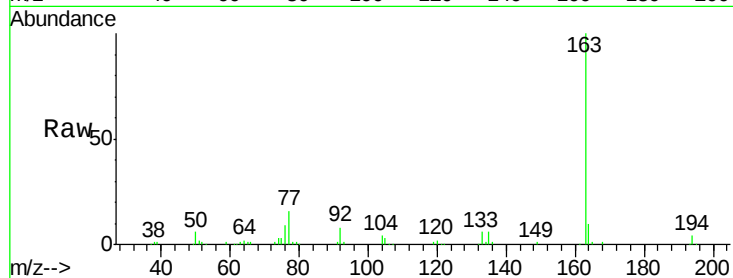
Tgt Ion:163 Resp: 279379

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

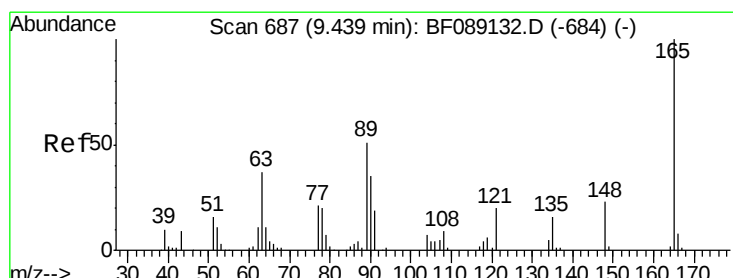
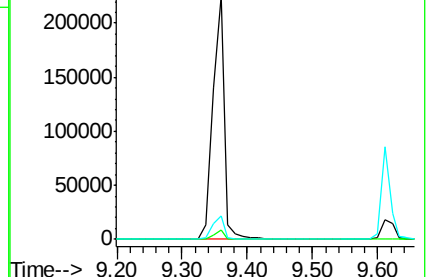
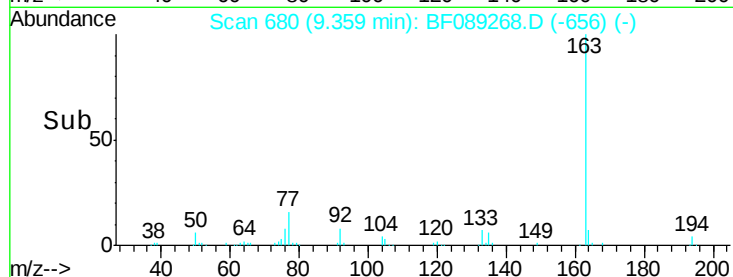
164 9.6 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.40 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

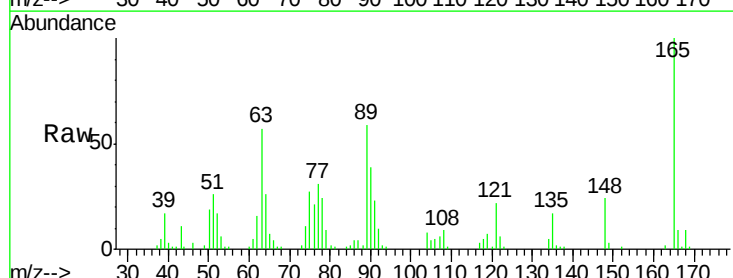
Tgt Ion:165 Resp: 57775

Ion Ratio Lower Upper

165 100

63 56.9 37.0 55.4#

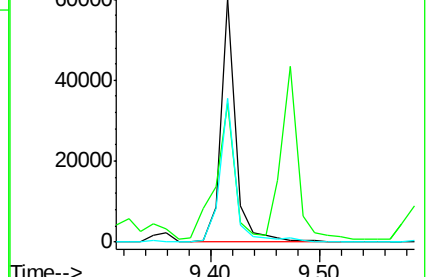
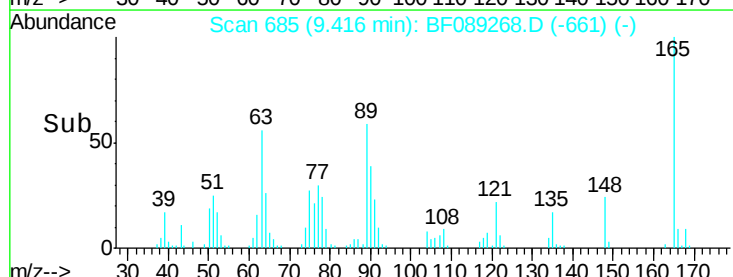
89 59.0 40.9 61.3

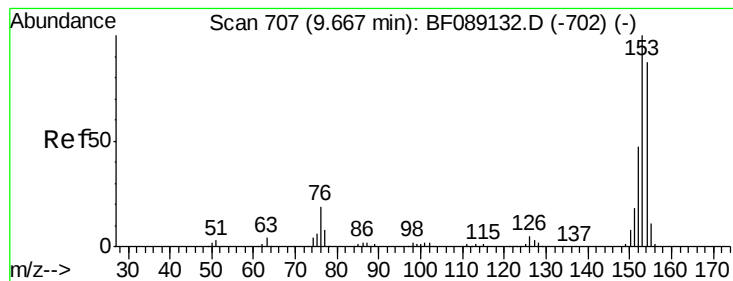


Abundance Ion 165.00 (164.70 to 165.70): E

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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

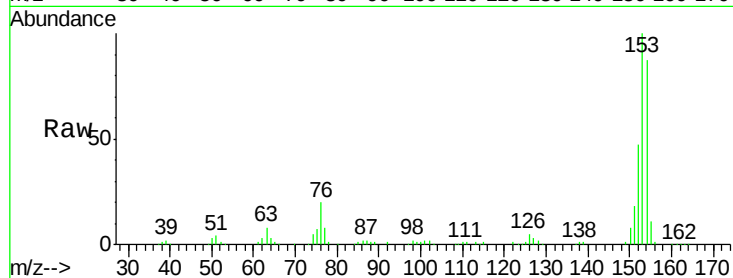
Tgt Ion:154 Resp: 211144

Ion Ratio Lower Upper

154 100

153 114.4 91.9 137.9

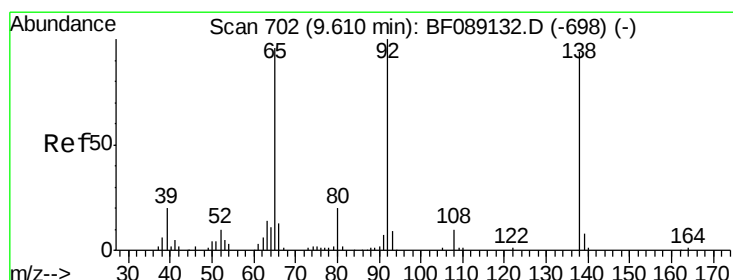
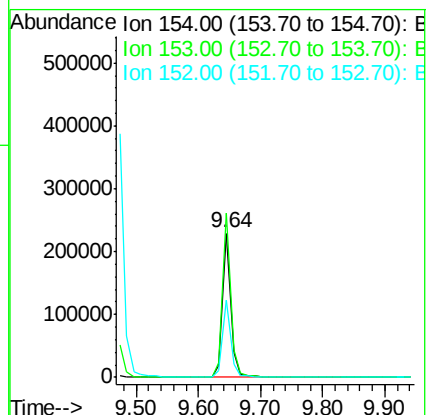
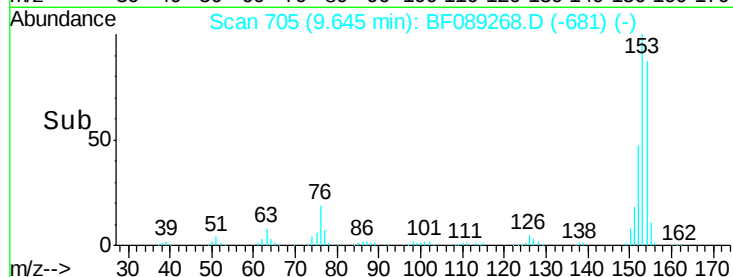
152 53.6 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.97 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

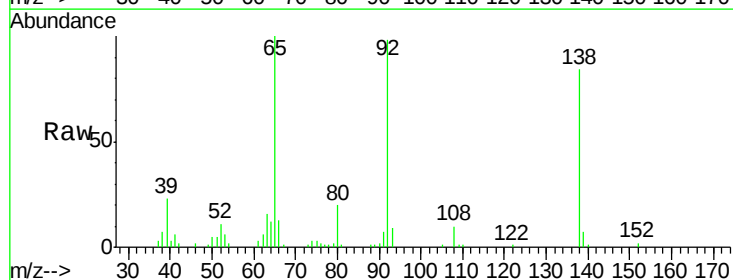
Tgt Ion:138 Resp: 64482

Ion Ratio Lower Upper

138 100

108 11.4 8.8 13.2

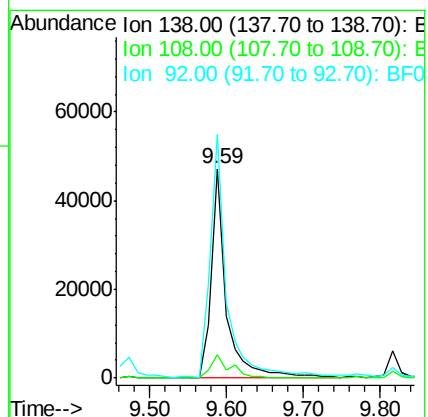
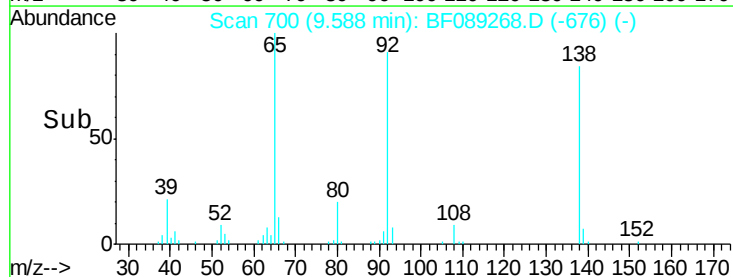
92 116.3 85.3 127.9

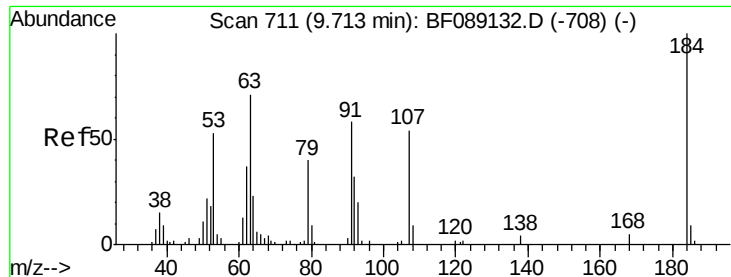


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

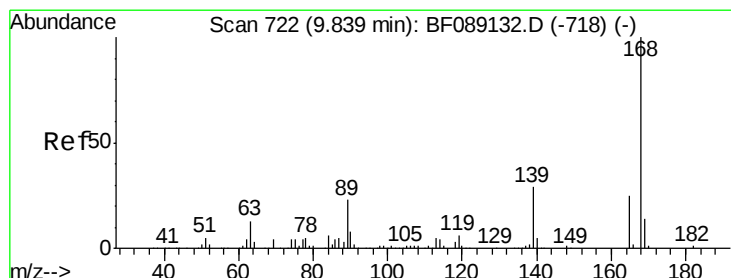
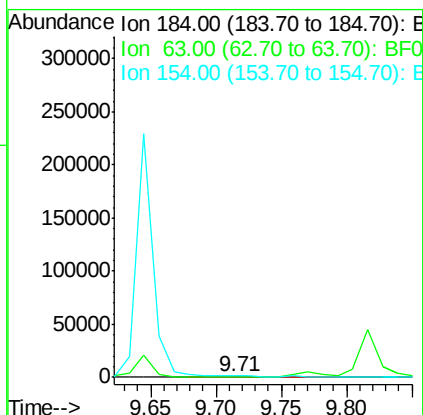
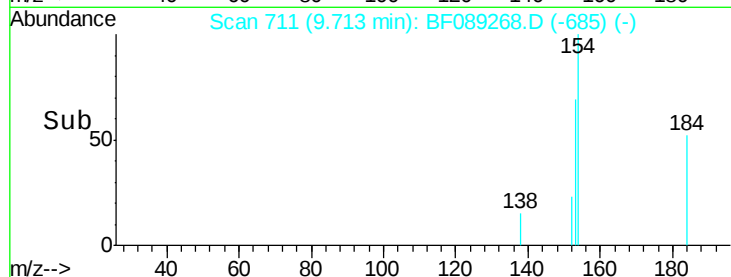
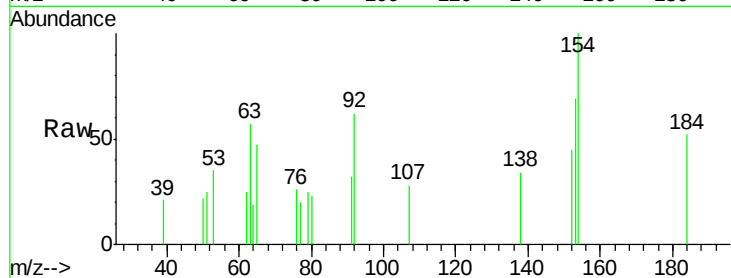




#53
 2,4-Dinitrophenol
 Concen: 11.85 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

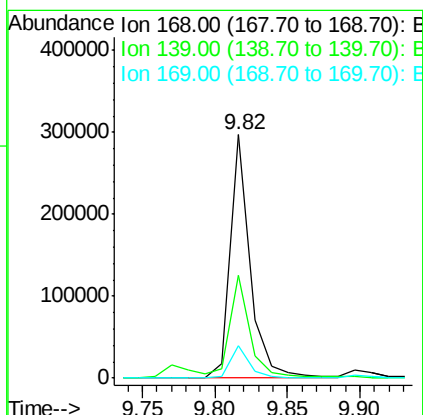
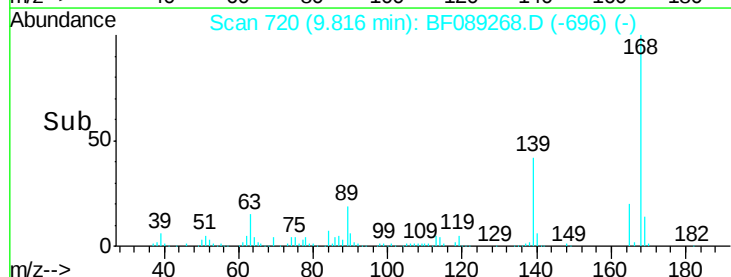
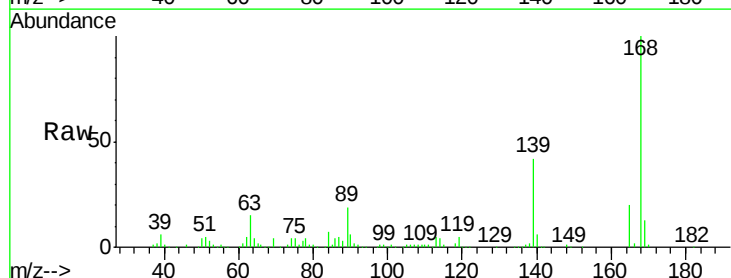
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

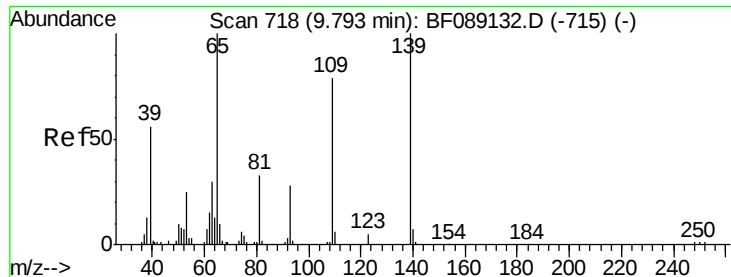
Tgt Ion:184 Resp: 2706
 Ion Ratio Lower Upper
 184 100
 63 107.9 60.3 90.5#
 154 190.5 60.7 91.1#



#54
 Dibenzofuran
 Concen: 40.06 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:168 Resp: 284317
 Ion Ratio Lower Upper
 168 100
 139 42.3 34.4 51.6
 169 13.5 10.8 16.2

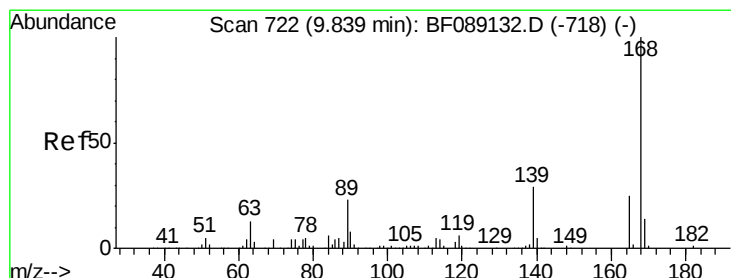
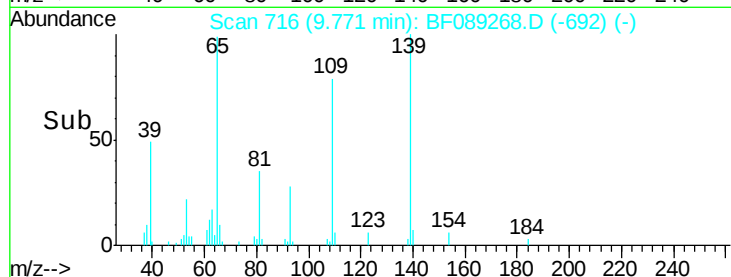
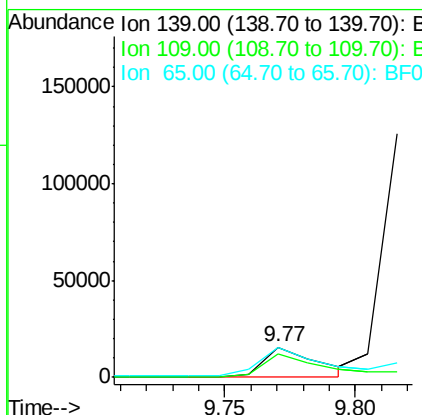
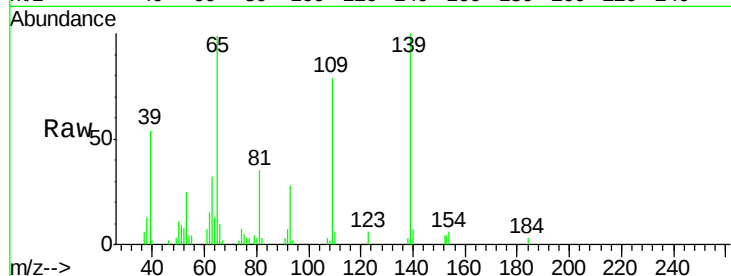




#55
4-Nitrophenol
Concen: 21.16 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

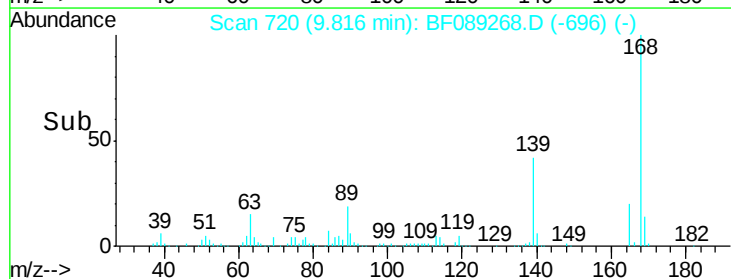
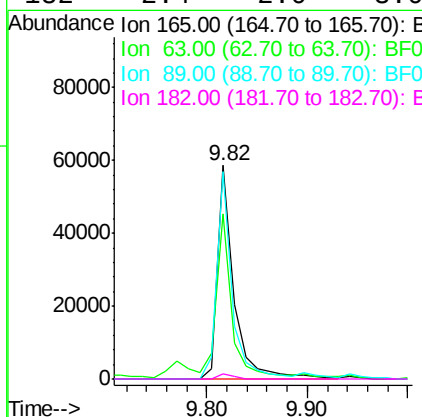
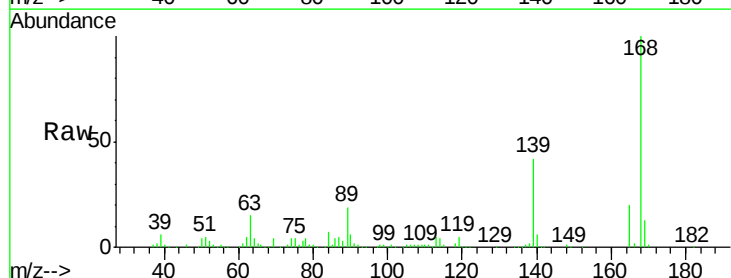
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

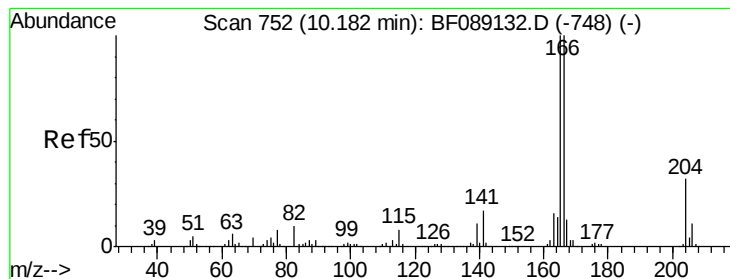
Tgt Ion:139 Resp: 21737
Ion Ratio Lower Upper
139 100
109 79.0 58.7 98.7
65 99.3 80.2 120.2



#56
2,4-Dinitrotoluene
Concen: 36.37 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:165 Resp: 66980
Ion Ratio Lower Upper
165 100
63 77.4 55.4 83.2
89 96.9 74.3 111.5
182 2.4 2.0 3.0





#57

Fluorene

Concen: 38.87 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

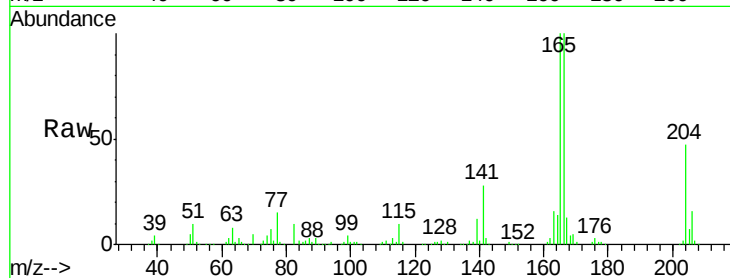
Tgt Ion:166 Resp: 234185

Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

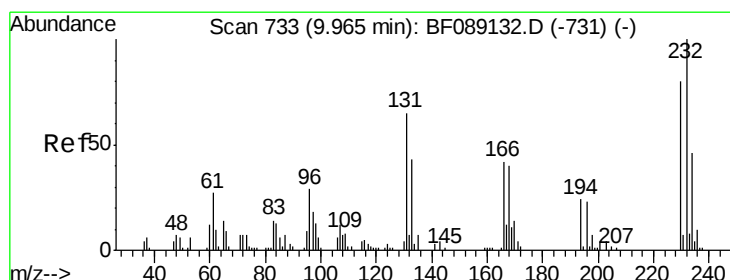
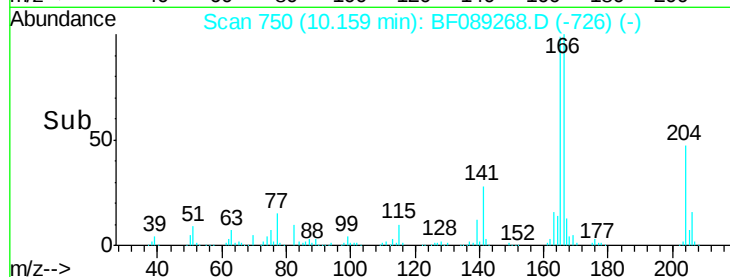
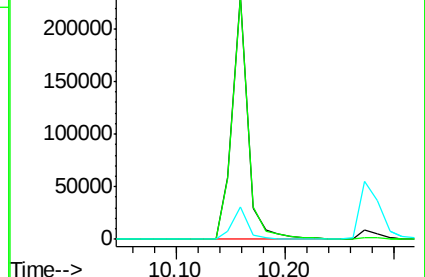
167 13.3 10.7 16.1



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: 37.95 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Tgt Ion:232 Resp: 46978

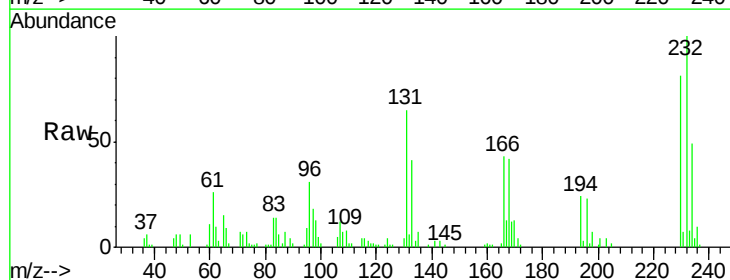
Ion Ratio Lower Upper

232 100

131 57.9 46.2 69.2

130 2.6 2.3 3.5

166 38.3 29.5 44.3

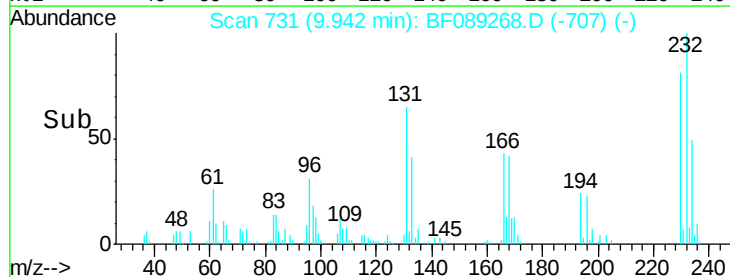
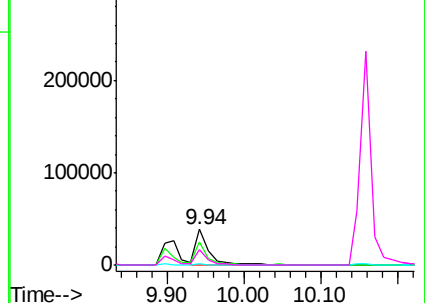


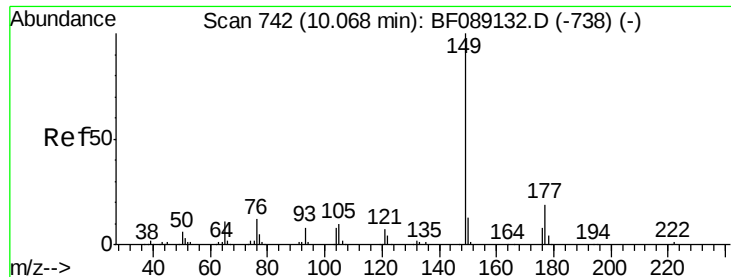
Abundance Ion 232.00 (231.70 to 232.70): E

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

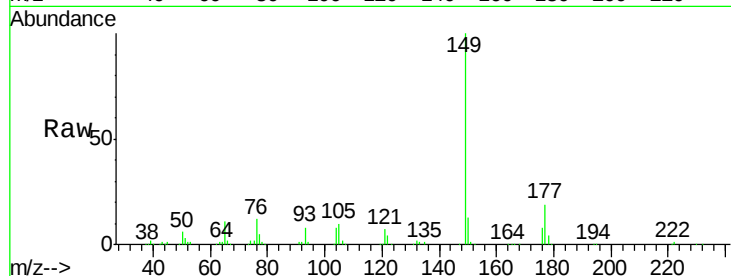




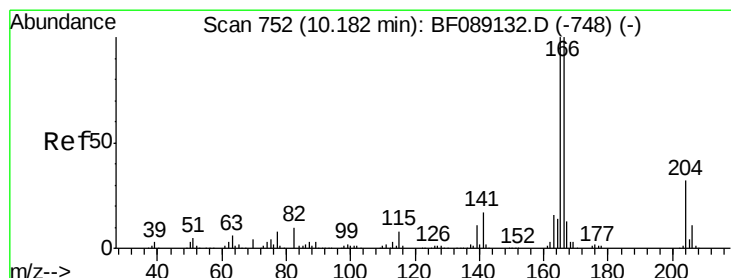
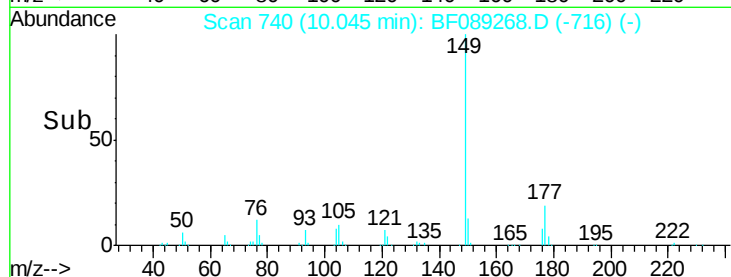
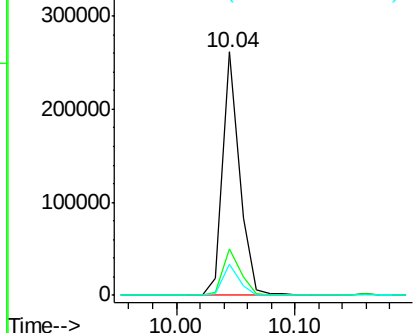
#59
Diethylphthalate
Concen: 41.05 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 257775
Ion Ratio Lower Upper
149 100
177 18.9 15.6 23.4
150 12.6 10.1 15.1

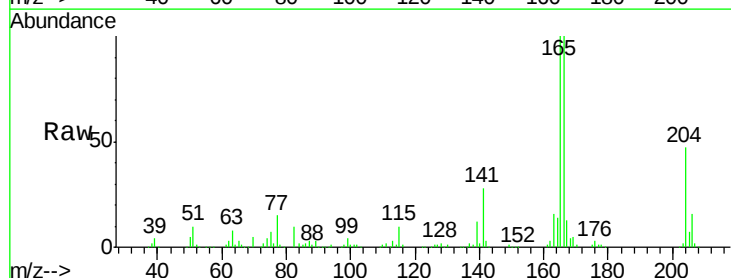


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

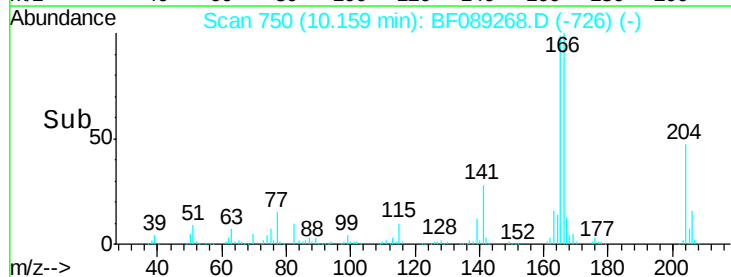
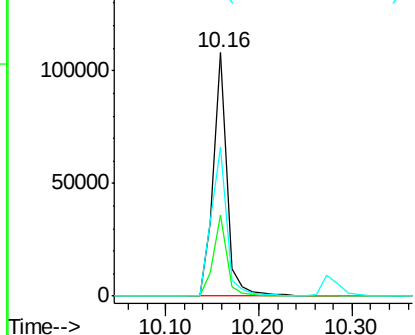


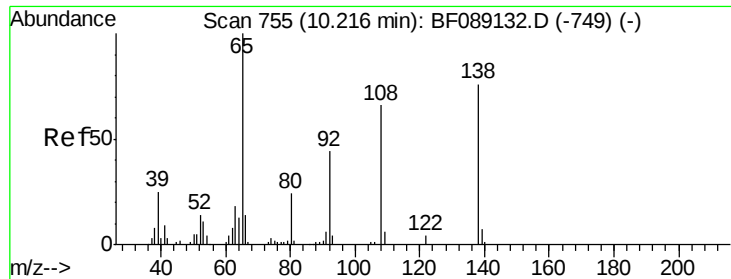
#60
4-Chlorophenyl-phenylether
Concen: 40.49 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:204 Resp: 111359
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 61.0 42.2 63.4



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: 35.95 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

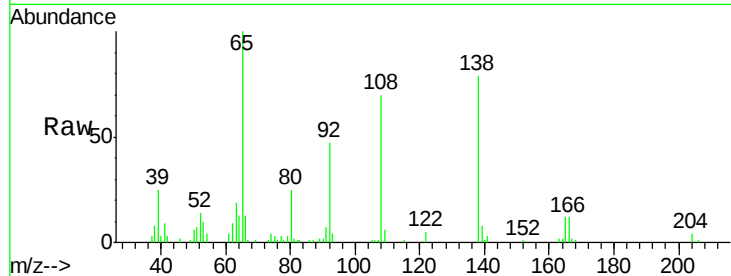
Tgt Ion:138 Resp: 59391

Ion Ratio Lower Upper

138 100

92 59.3 37.2 77.2

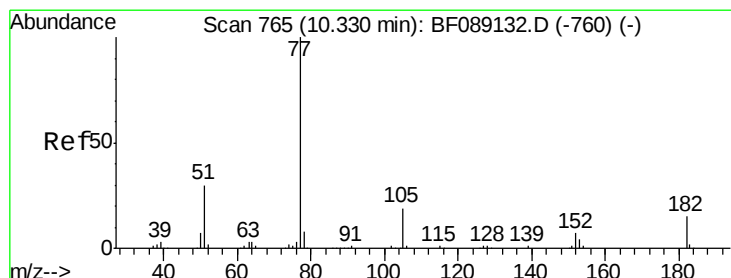
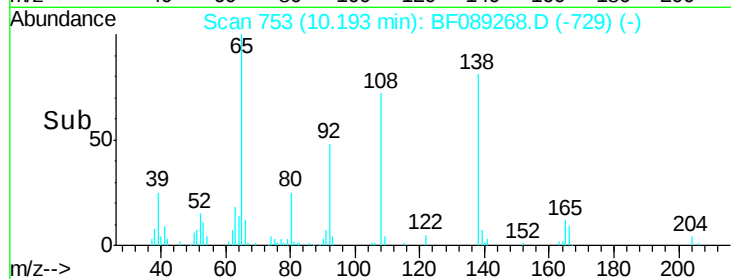
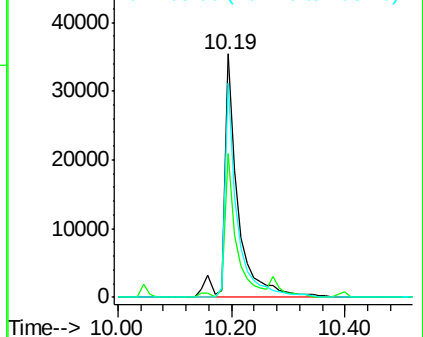
108 88.1 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.97 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Tgt Ion: 77 Resp: 252306

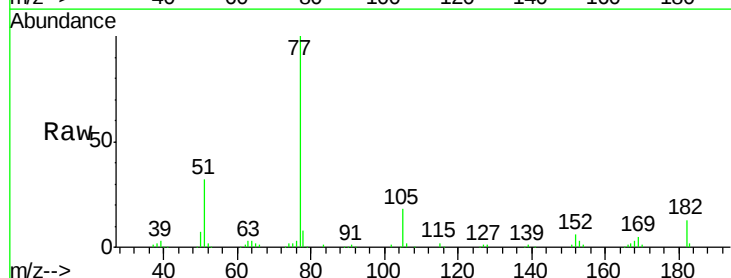
Ion Ratio Lower Upper

77 100

182 13.1 0.0 35.0

105 18.4 0.0 39.4

51 31.5 10.7 50.7

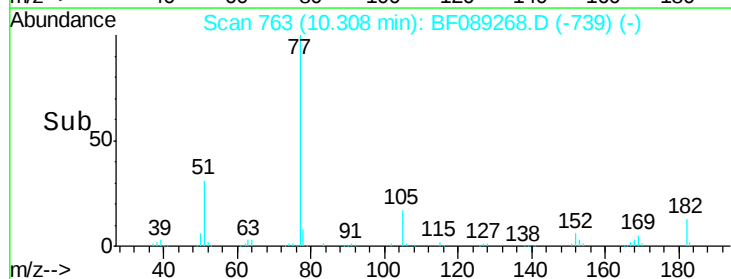
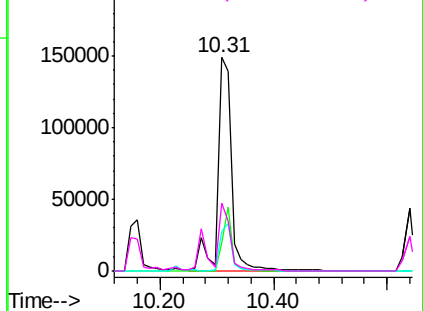


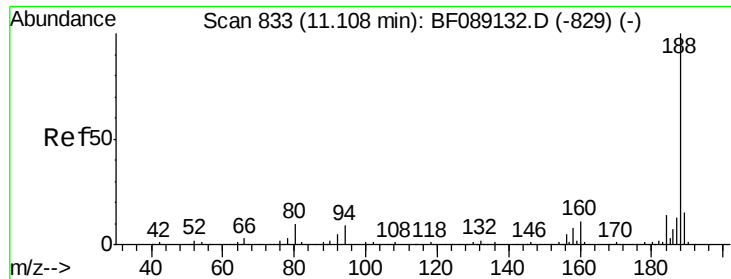
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

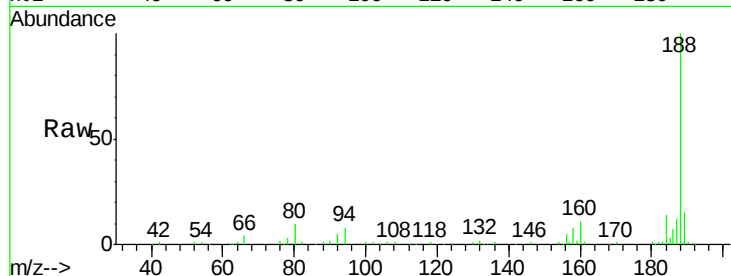




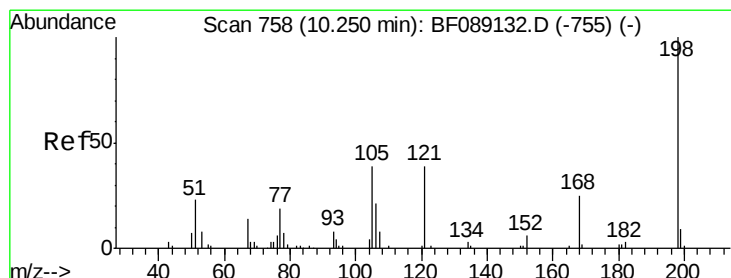
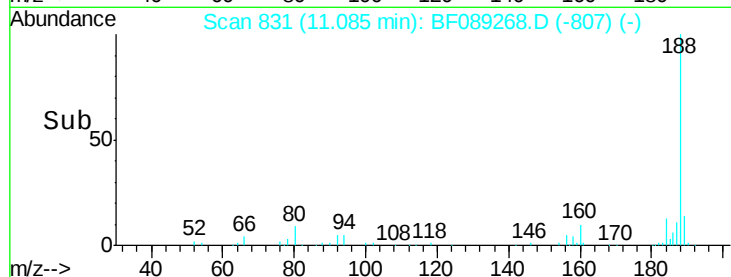
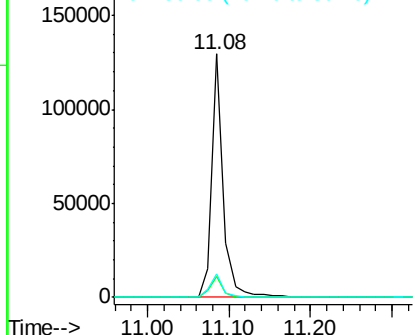
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:188 Resp: 130233
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.0 10.4
 80 9.7 7.7 11.5

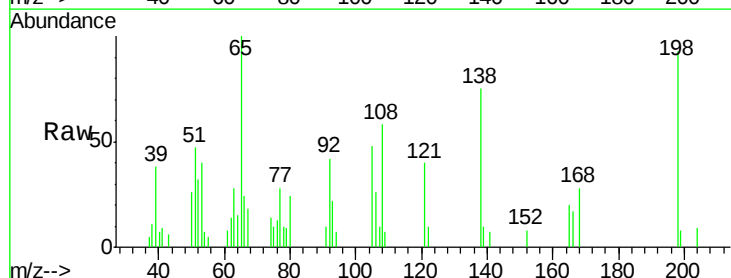


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

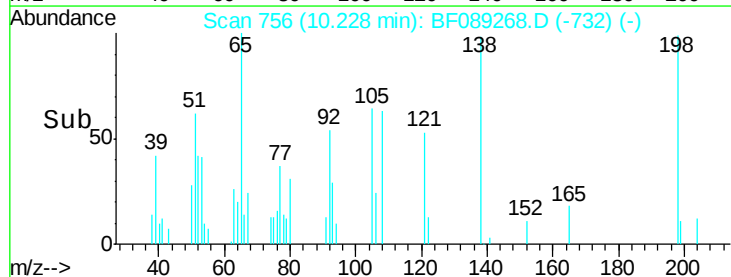
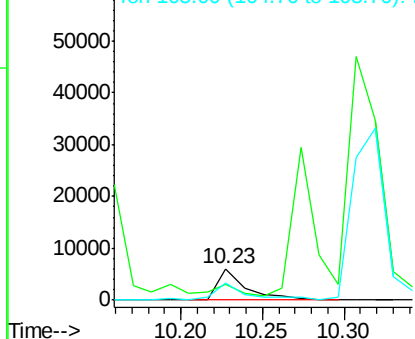


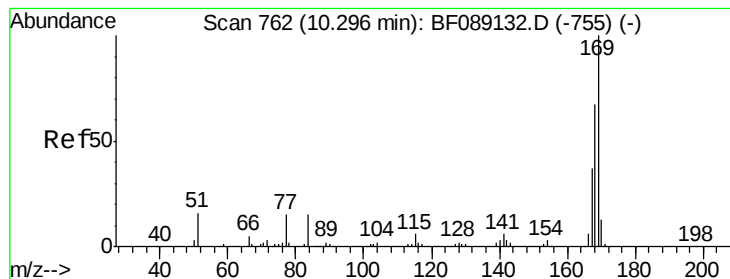
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.40 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:198 Resp: 7127
 Ion Ratio Lower Upper
 198 100
 51 51.0 11.7 51.7
 105 52.3 20.3 60.3



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: 45.18 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

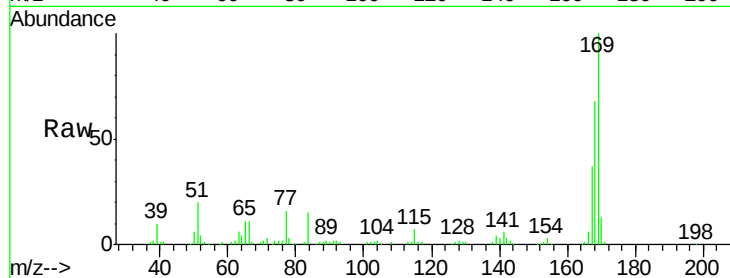
Tgt Ion:169 Resp: 196635

Ion Ratio Lower Upper

169 100

168 68.1 53.4 80.0

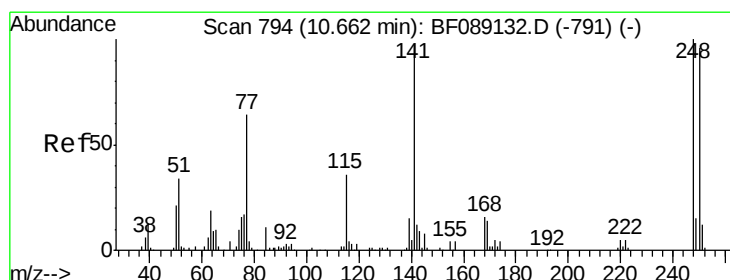
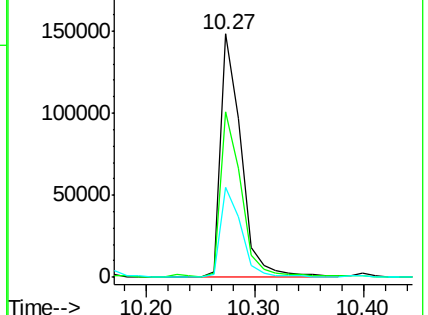
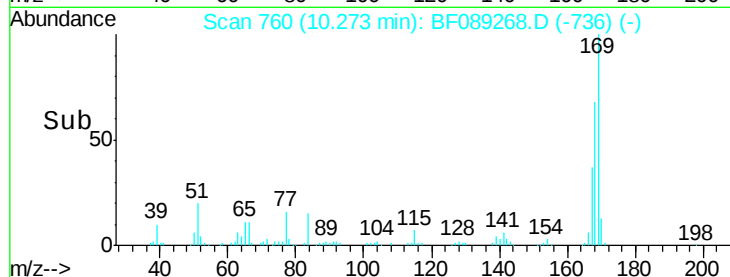
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.22 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

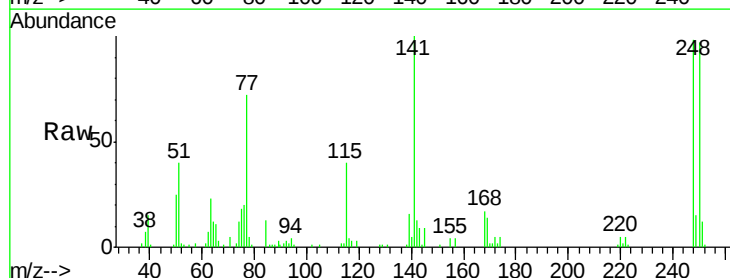
Tgt Ion:248 Resp: 59571

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

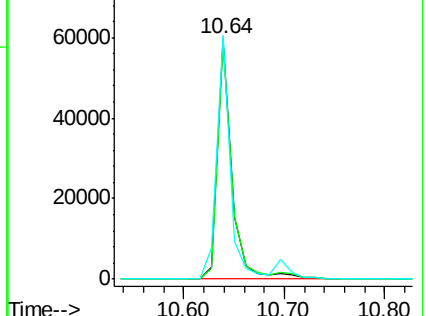
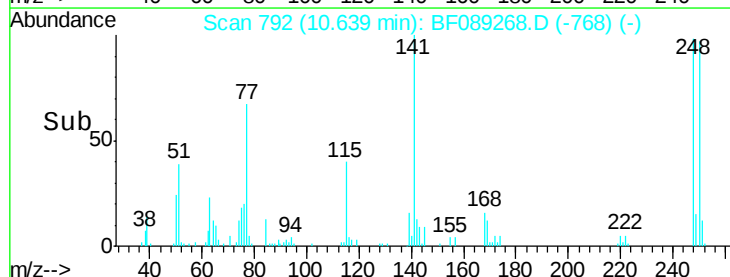
141 101.5 77.4 116.2

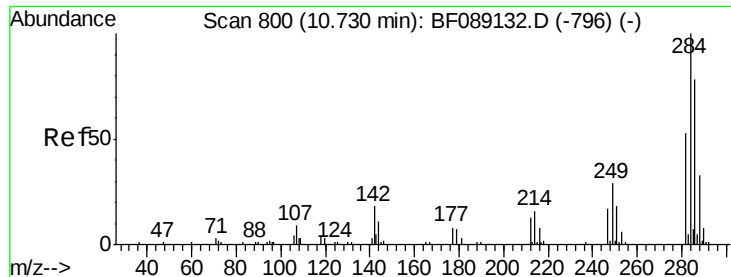


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

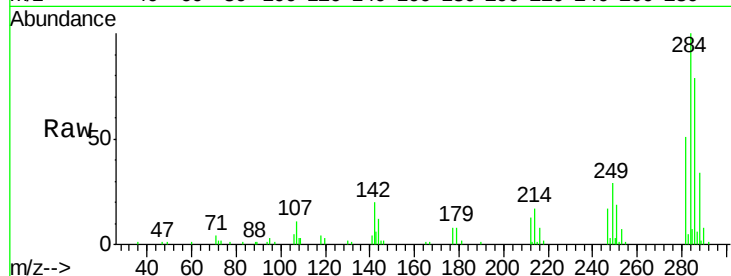




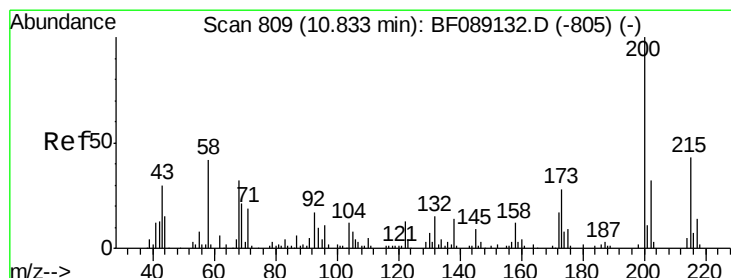
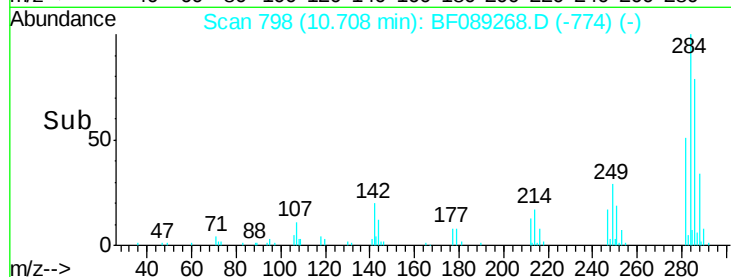
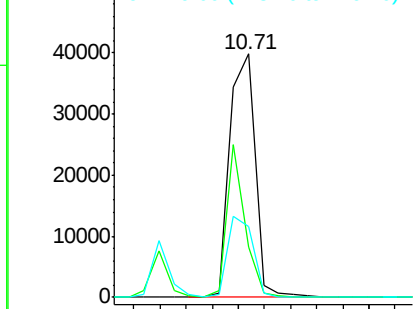
#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 53783
Ion Ratio Lower Upper
284 100
142 20.4 14.1 21.1
249 28.9 23.0 34.4

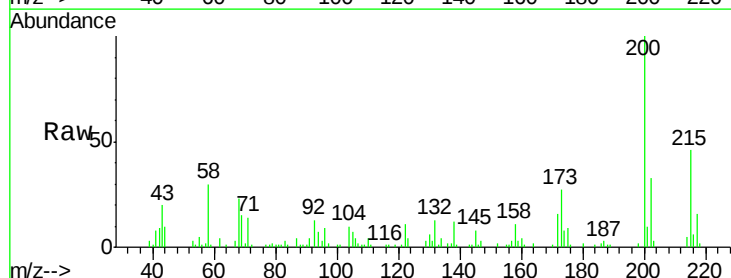


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

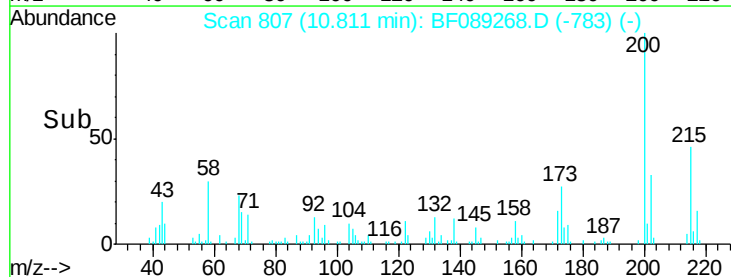
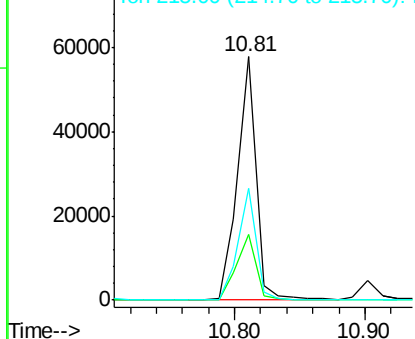


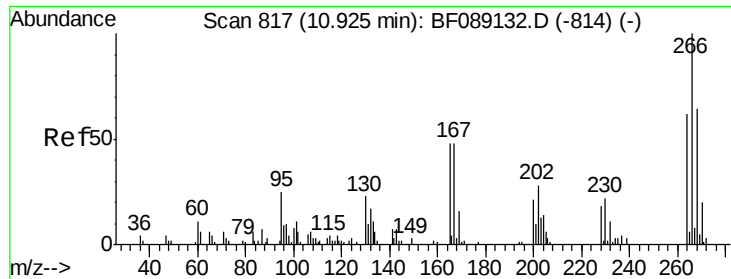
#68
Atrazine
Concen: 41.93 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:200 Resp: 57069
Ion Ratio Lower Upper
200 100
173 26.8 7.8 47.8
215 46.1 22.9 62.9



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

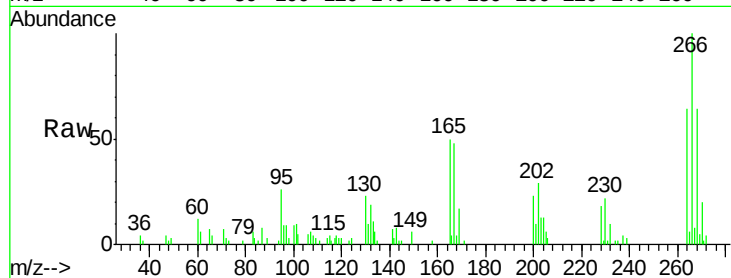




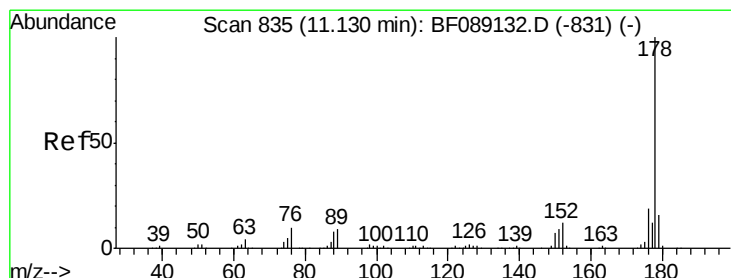
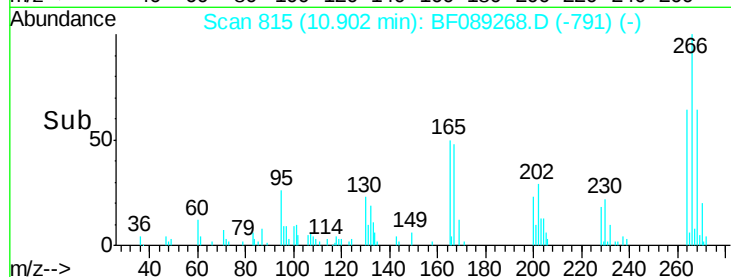
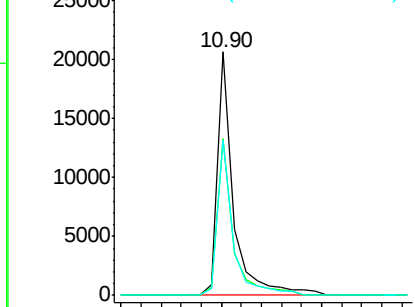
#69
 Pentachlorophenol
 Concen: 35.47 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 22680
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 63.9 49.7 74.5

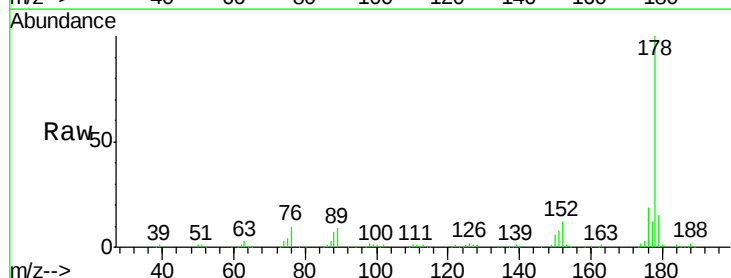


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

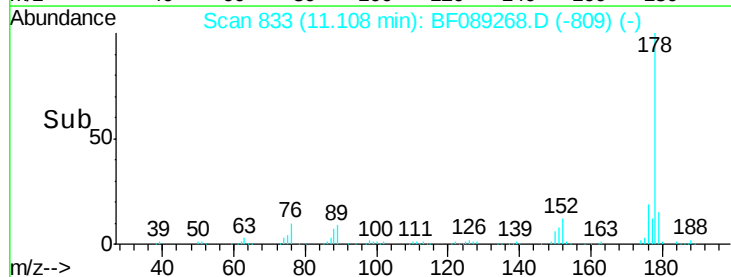
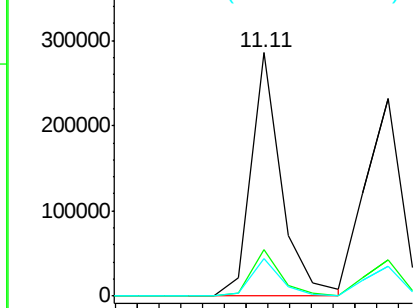


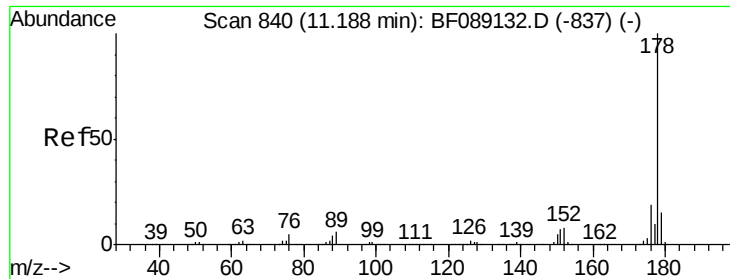
#70
 Phenanthrene
 Concen: 38.49 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:178 Resp: 274961
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 12.4 18.6



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

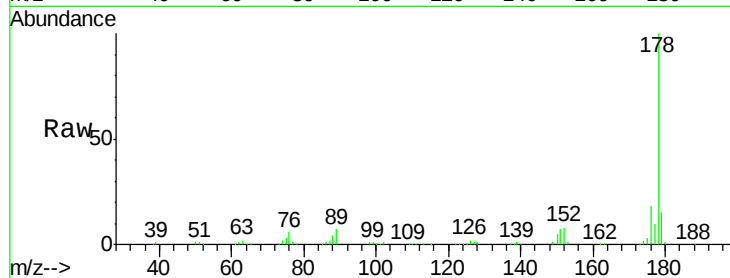




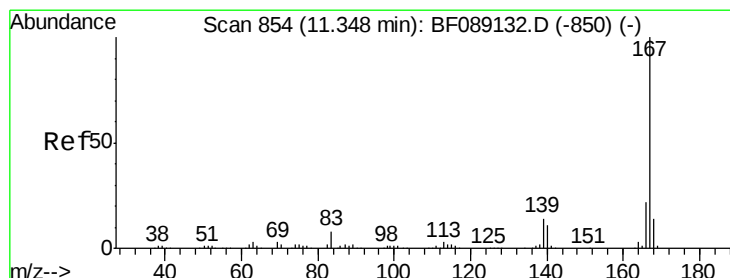
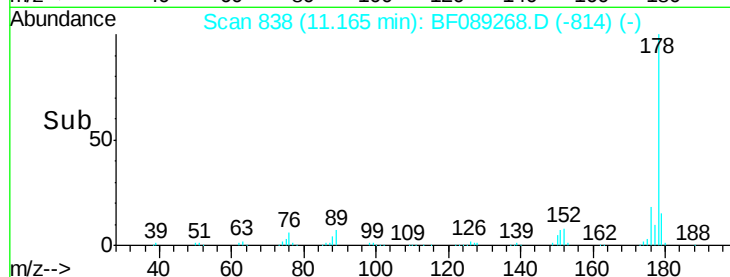
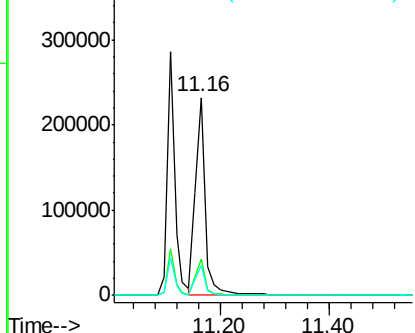
#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 292744
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 14.9 12.0 18.0

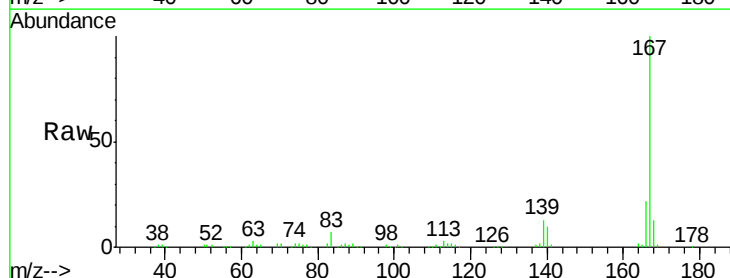


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

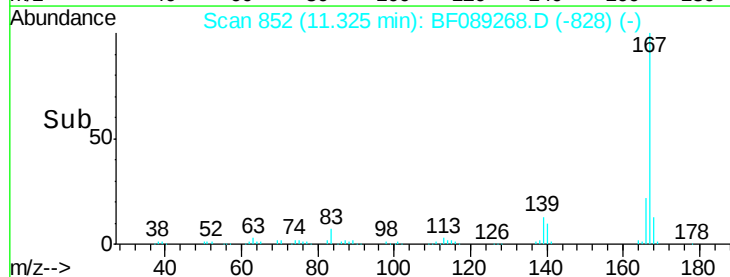
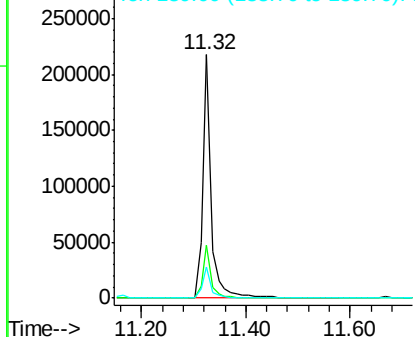


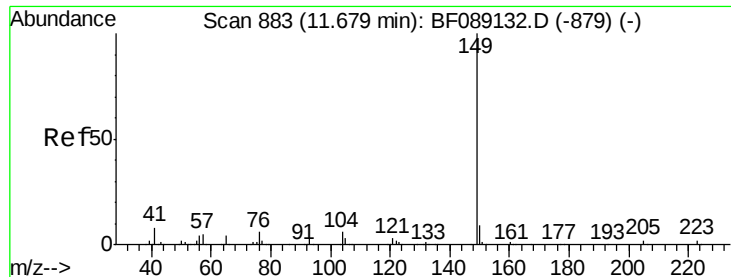
#72
 Carbazole
 Concen: 37.76 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:167 Resp: 246324
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 12.8 11.0 16.4



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: 42.60 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

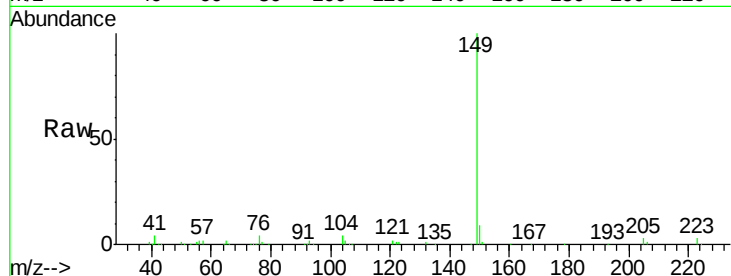
Tgt Ion:149 Resp: 343693

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

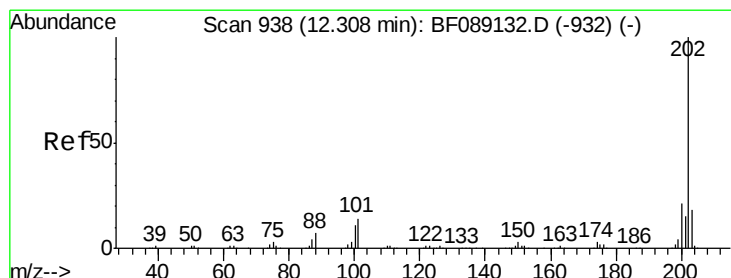
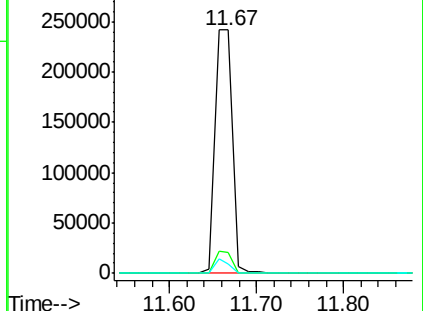
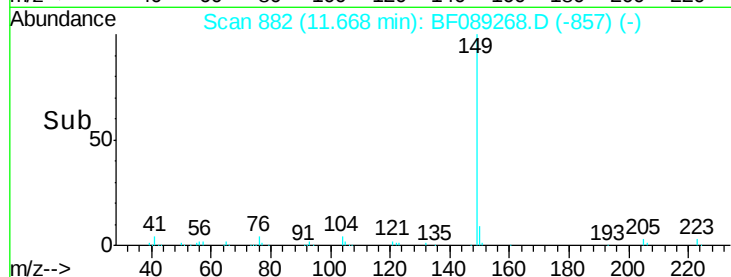
104 3.9 4.6 6.8#



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: 33.39 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

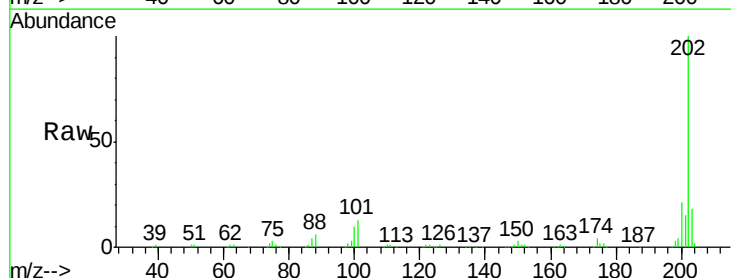
Tgt Ion:202 Resp: 250735

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.0

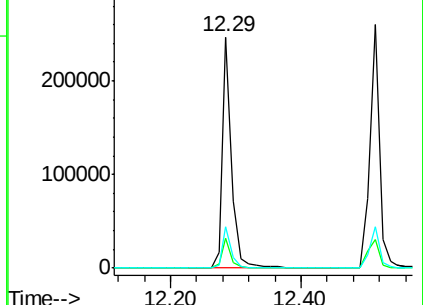
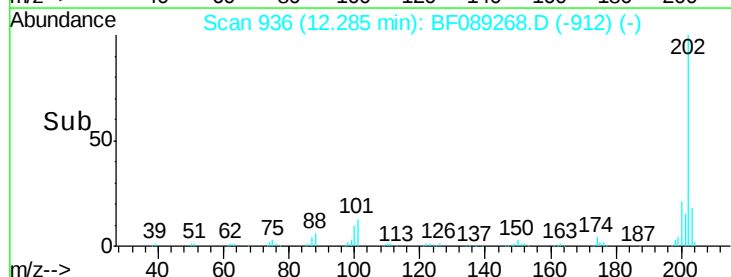
203 17.7 0.0 37.8

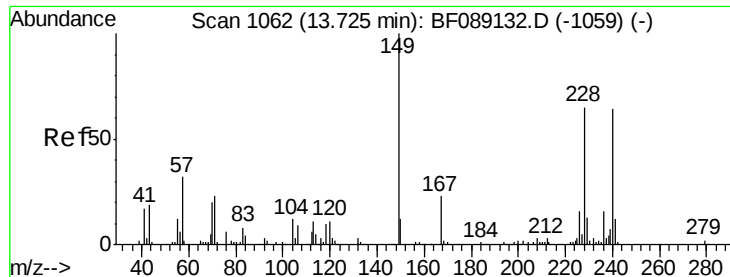


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

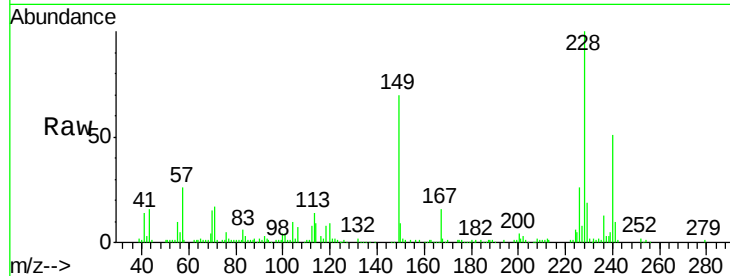
Tgt Ion:240 Resp: 89273

Ion Ratio Lower Upper

240 100

120 17.1 13.6 20.4

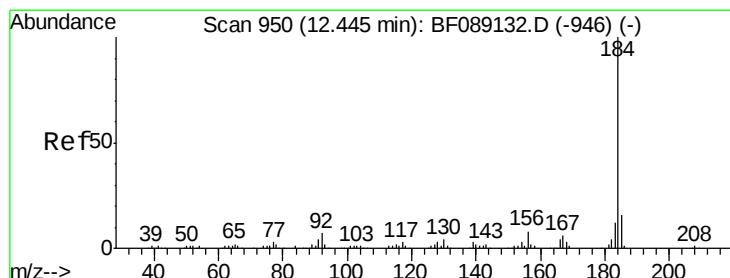
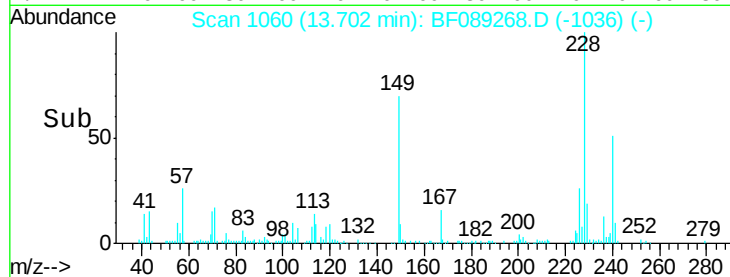
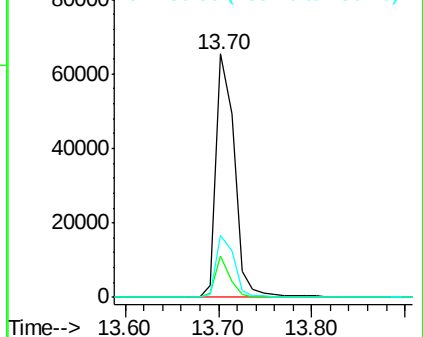
236 25.6 20.5 30.7



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: 37.51 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

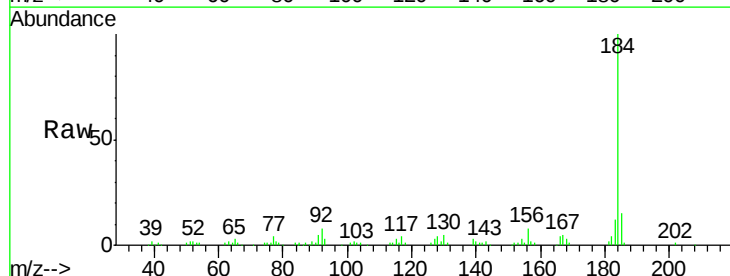
Tgt Ion:184 Resp: 115131

Ion Ratio Lower Upper

184 100

185 15.4 12.5 18.7

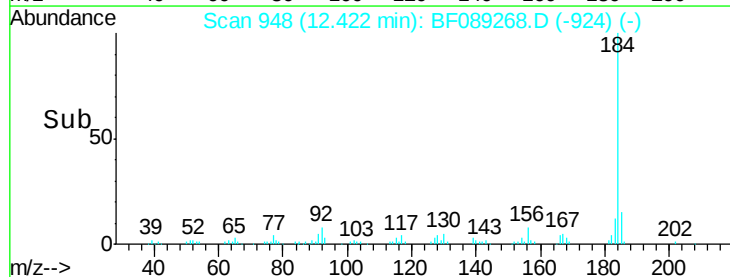
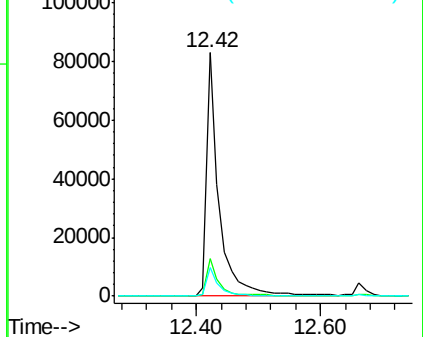
183 11.9 9.6 14.4

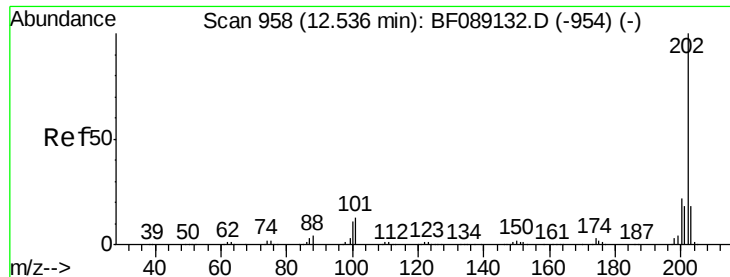


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

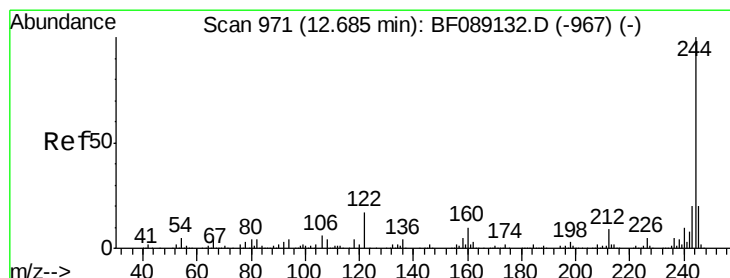
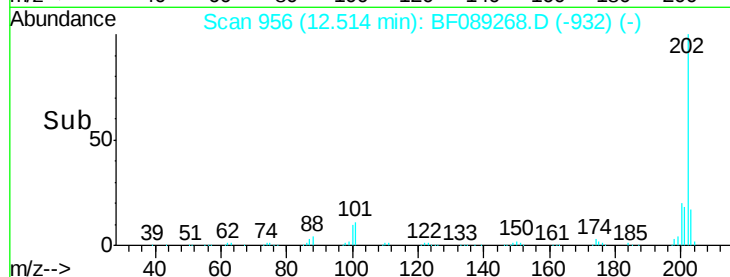
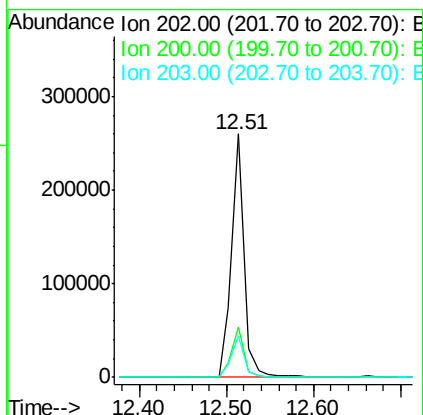
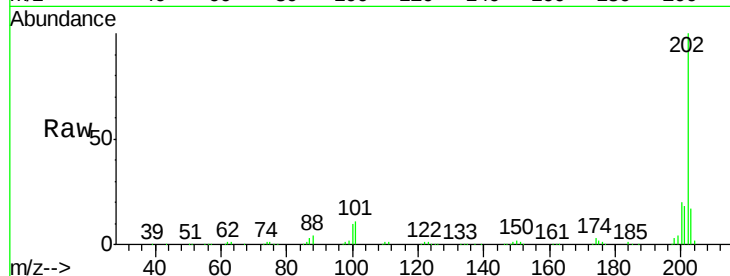




#77
 Pyrene
 Concen: 35.55 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

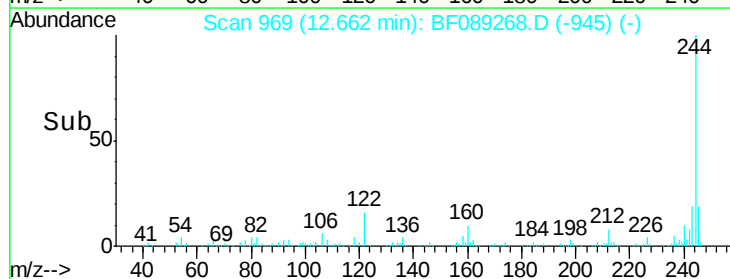
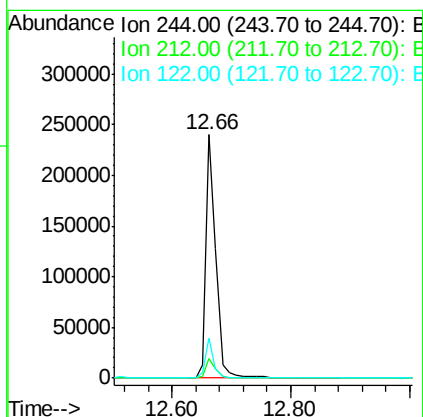
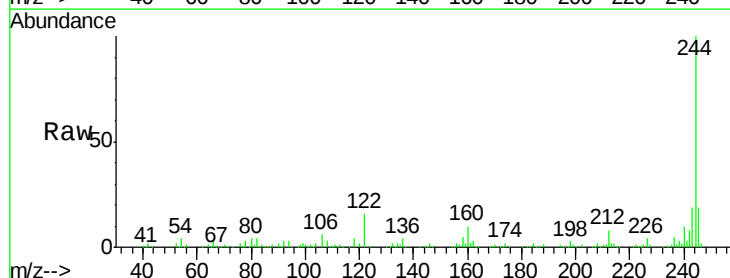
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

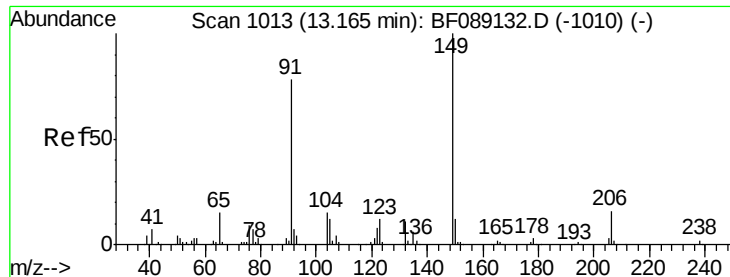
Tgt Ion: 202 Resp: 262074
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.4 26.0
 203 16.9 14.2 21.2



#78
 Terphenyl-d14
 Concen: 68.88 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion: 244 Resp: 283506
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 16.3 13.8 20.8

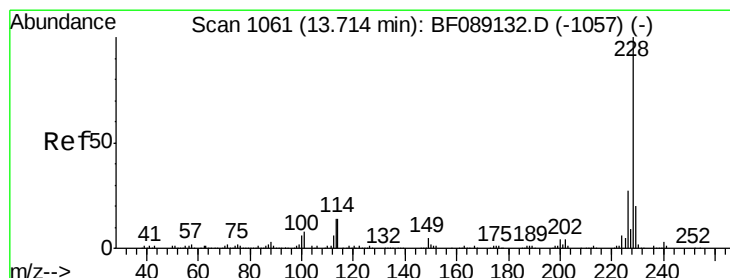
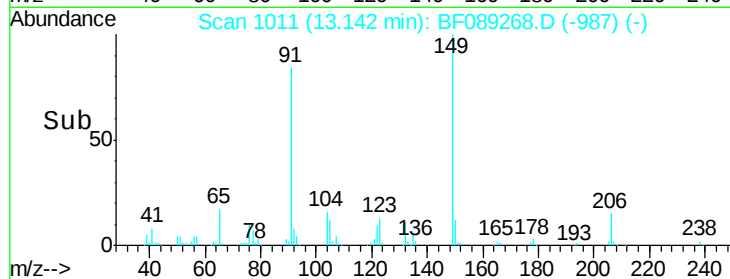
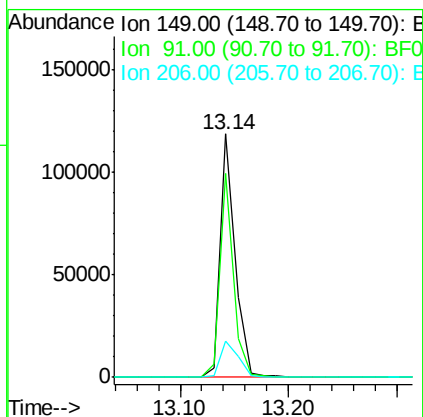
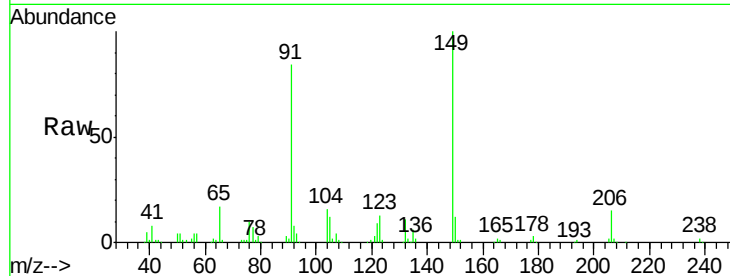




#79
Butylbenzylphthalate
Concen: 36.91 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

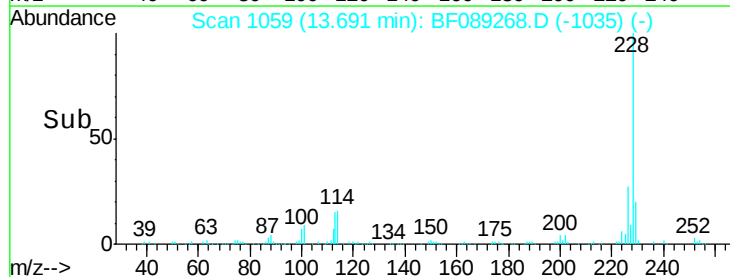
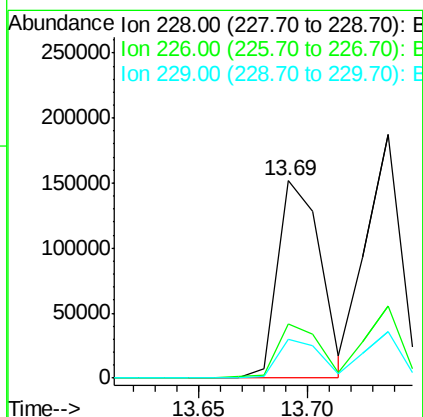
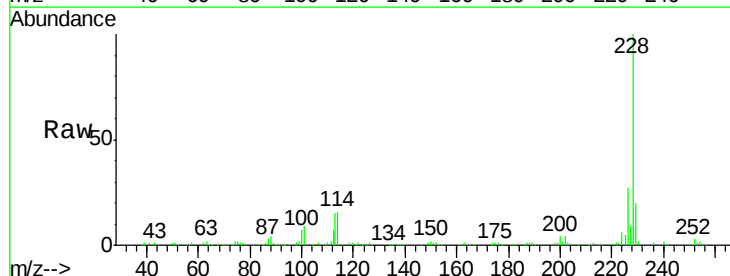
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

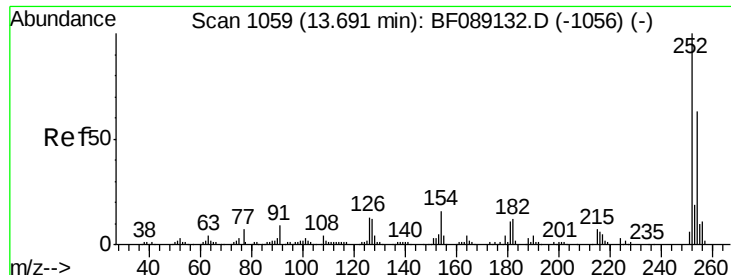
Tgt Ion:149 Resp: 115120
Ion Ratio Lower Upper
149 100
91 83.9 62.6 93.8
206 14.6 13.2 19.8



#80
Benzo(a)anthracene
Concen: 36.71 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:228 Resp: 208723
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.8 23.8

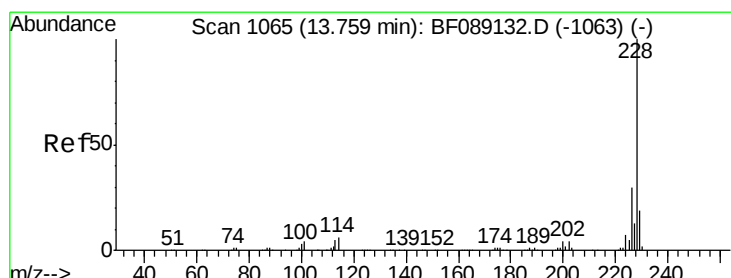
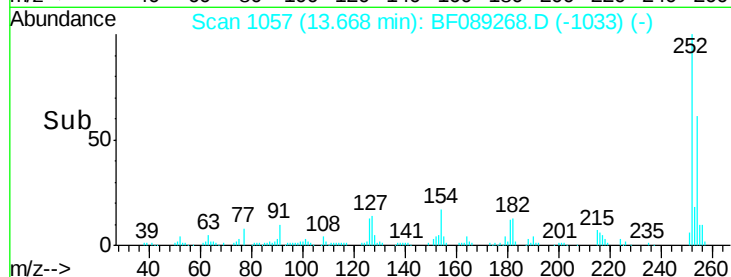
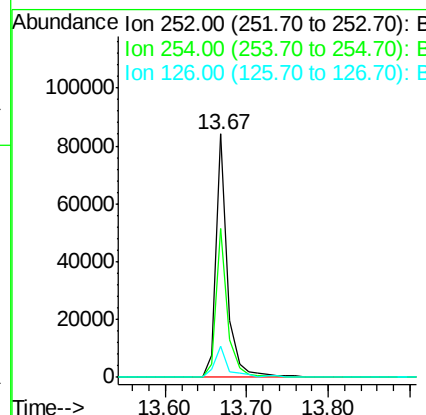
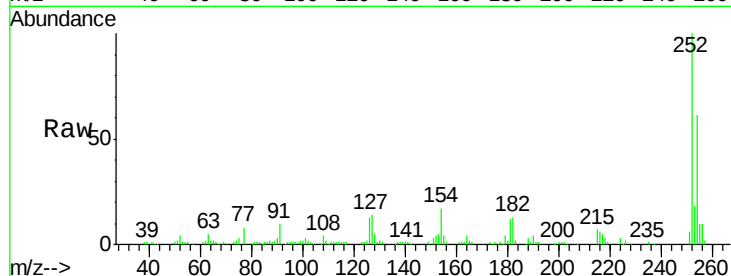




#81
 3,3'-Dichlorobenzidine
 Concen: 44.63 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

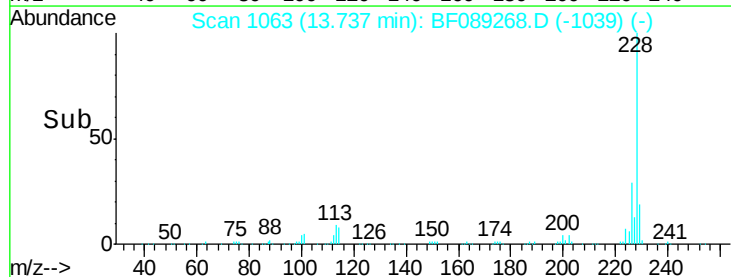
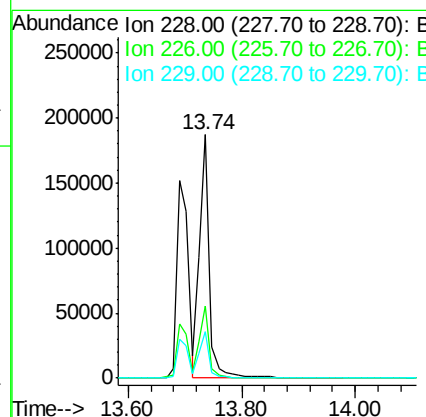
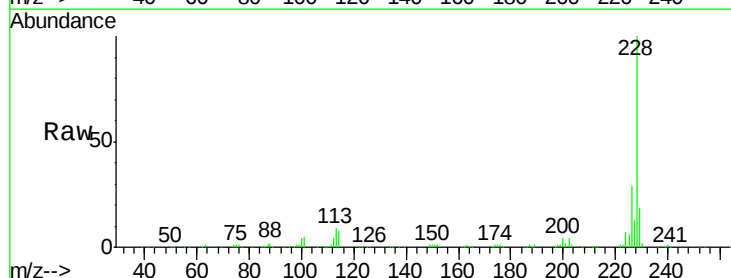
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

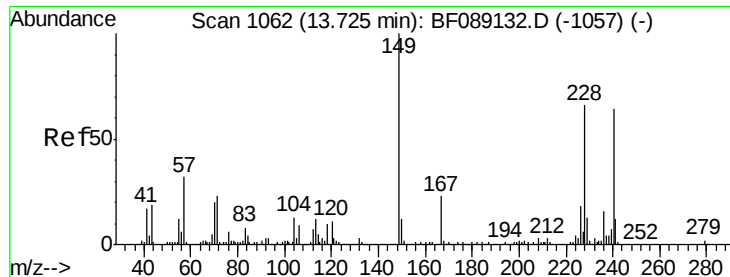
Tgt Ion:252 Resp: 84174
 Ion Ratio Lower Upper
 252 100
 254 61.4 50.4 75.6
 126 13.0 10.2 15.2



#82
 Chrysene
 Concen: 41.92 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:228 Resp: 227676
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.8 35.8
 229 19.2 15.4 23.0

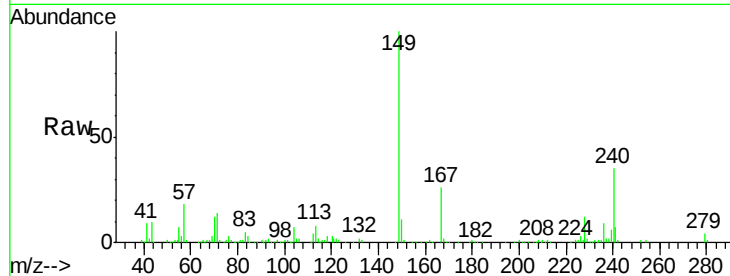




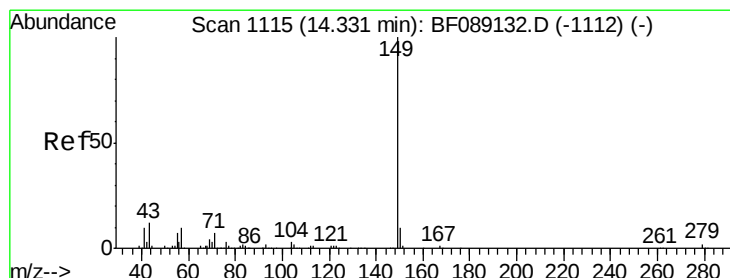
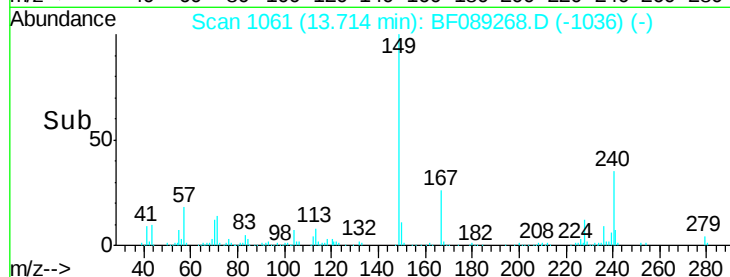
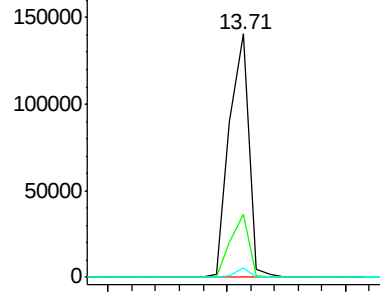
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.58 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 163737
 Ion Ratio Lower Upper
 149 100
 167 26.0 18.6 28.0
 279 3.8 1.6 2.4#

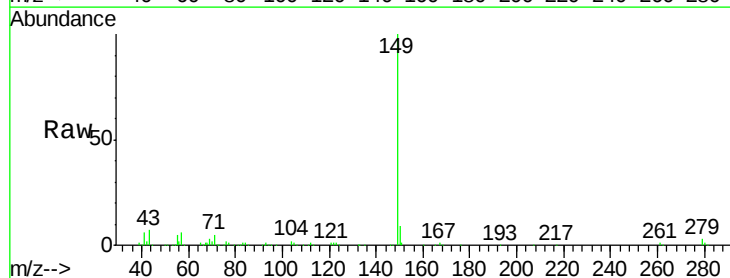


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

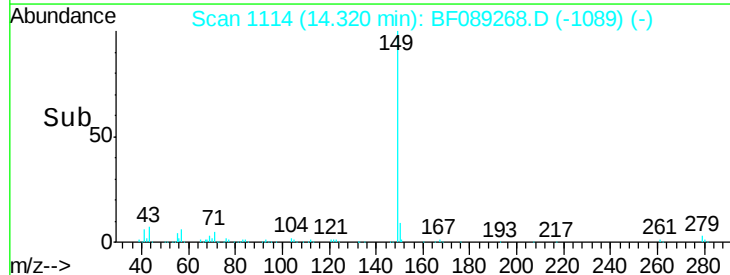
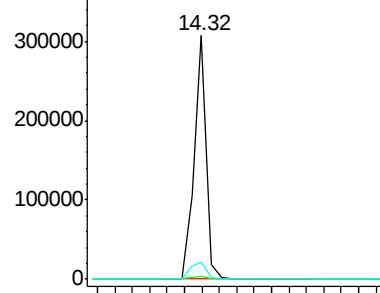


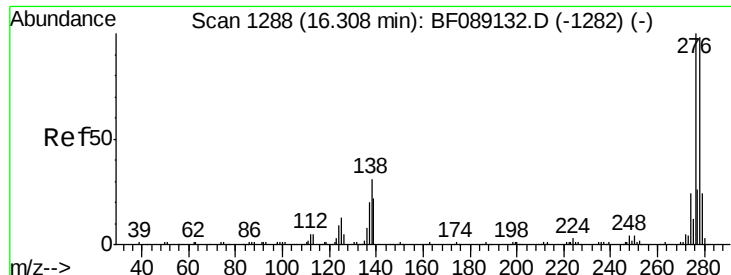
#84
 Di-n-octyl phthalate
 Concen: 44.05 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion:149 Resp: 300656
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.3 7.3 10.9



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

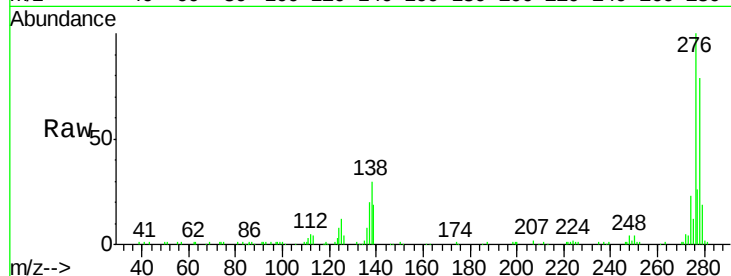




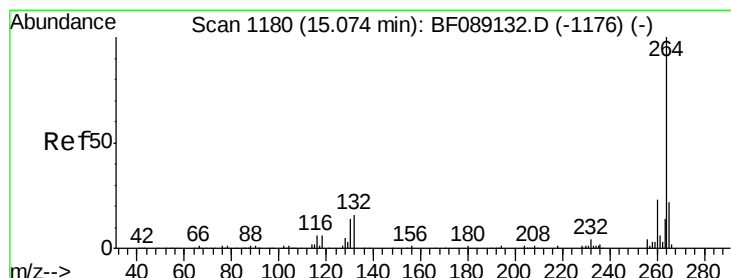
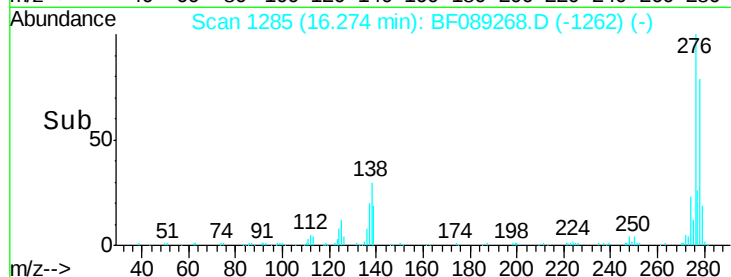
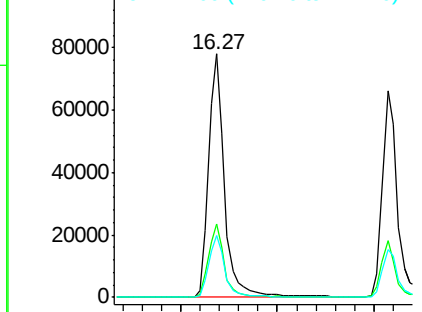
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.13 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.7	35.5
277	25.5	20.6	31.0

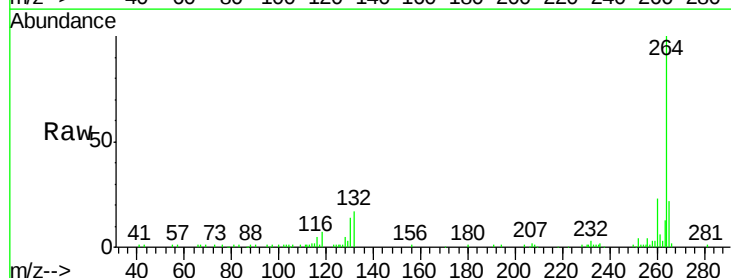


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

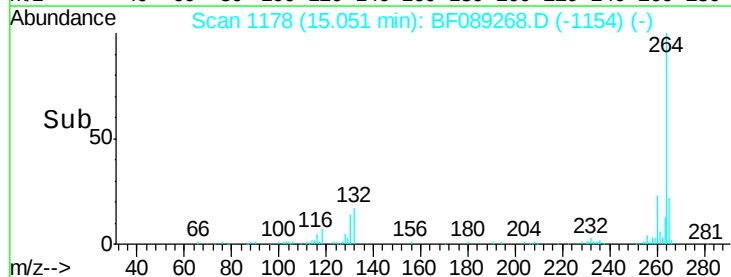
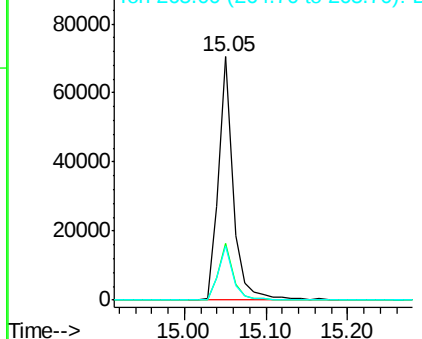


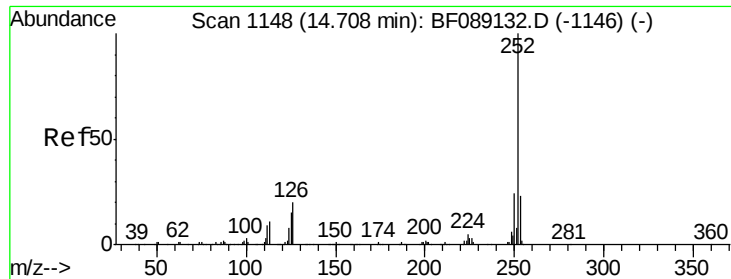
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089268.D
 Acq: 24 Jul 2016 9:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

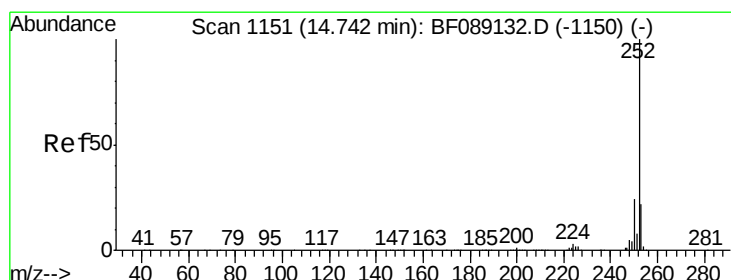
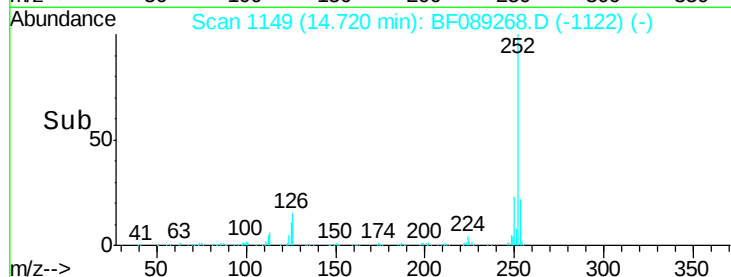
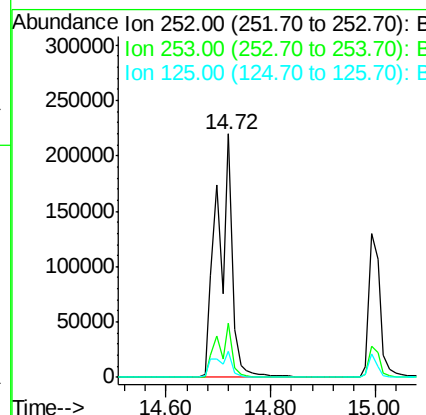
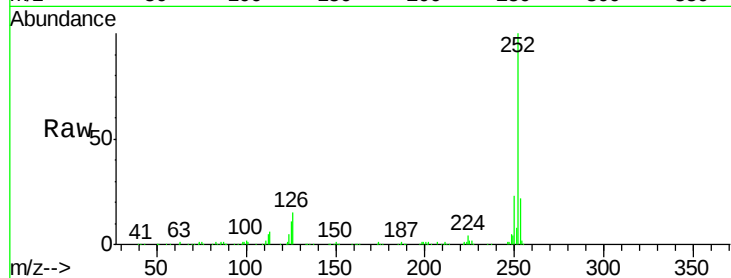




#87
Benzo(b)fluoranthene
Concen: 68.90 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

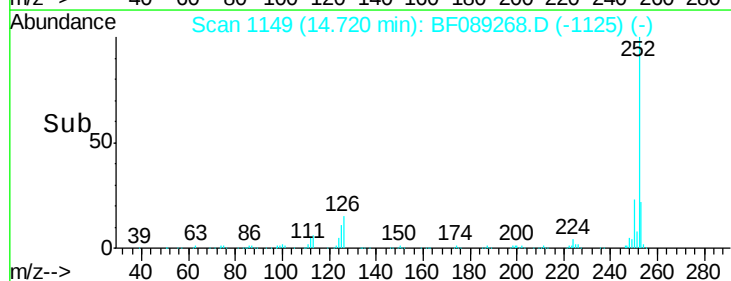
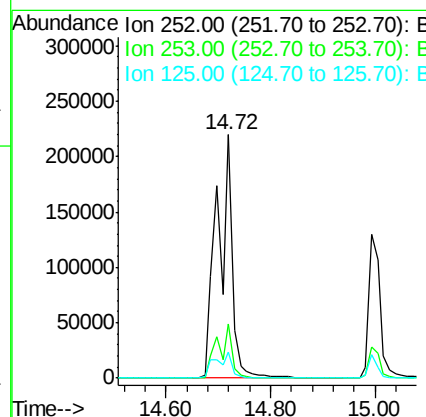
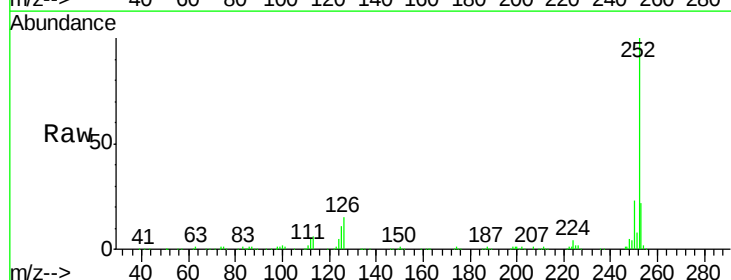
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

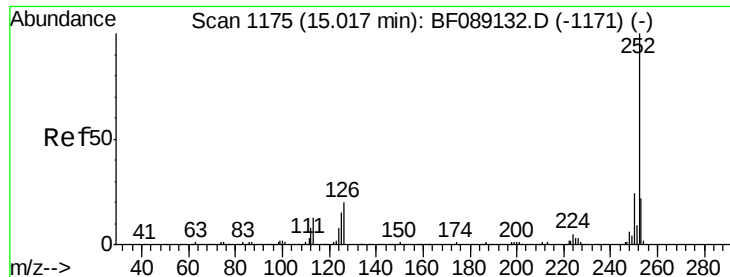
Tgt Ion: 252 Resp: 440047
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.6 11.9 17.9#



#88
Benzo(k)fluoranthene
Concen: 96.35 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion: 252 Resp: 440047
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.6 6.3 9.5#

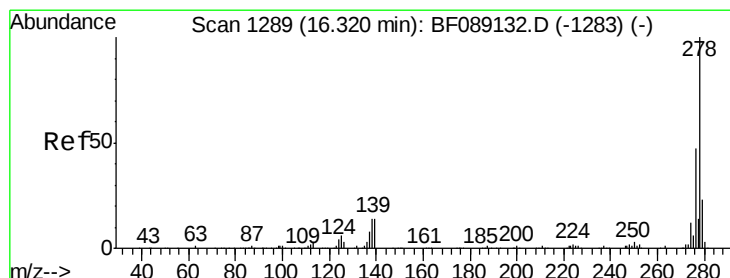
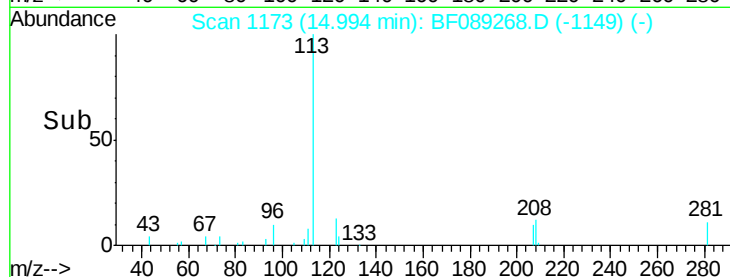
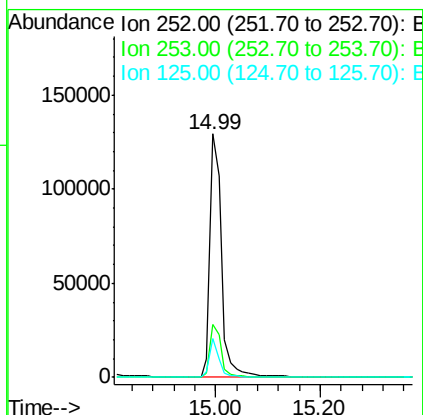
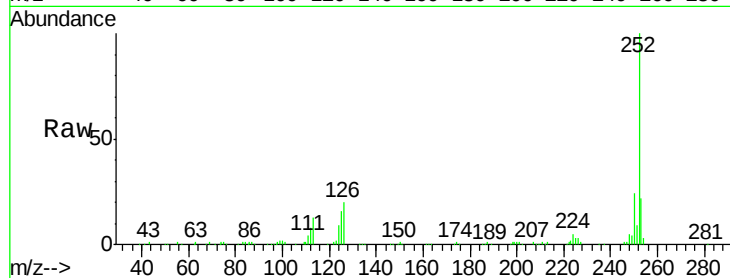




#89
Benzo(a)pyrene
Concen: 40.54 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

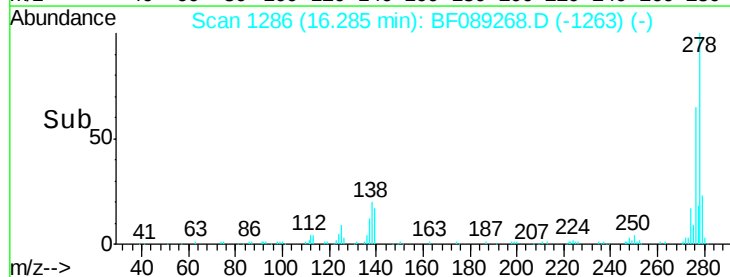
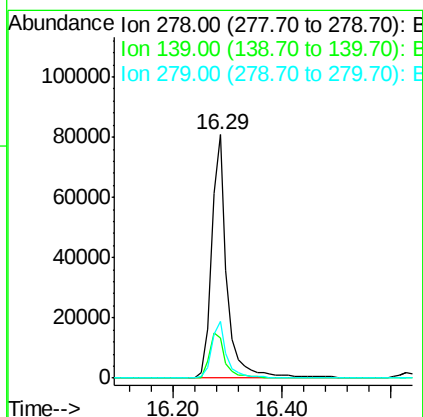
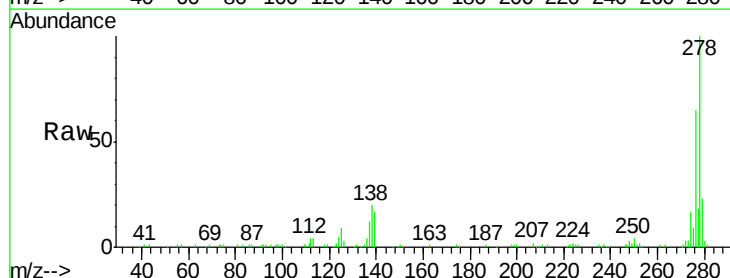
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

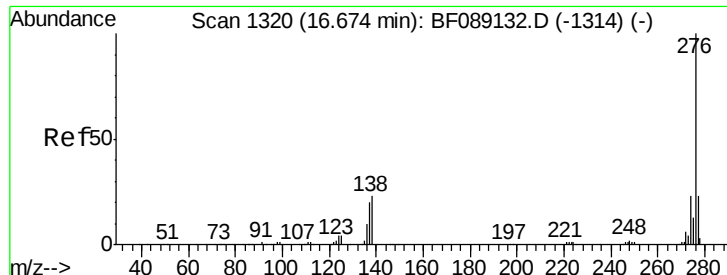
Tgt Ion:252 Resp: 201013
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 16.0 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 40.98 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089268.D
Acq: 24 Jul 2016 9:06

Tgt Ion:278 Resp: 160435
Ion Ratio Lower Upper
278 100
139 16.6 11.4 17.2
279 23.3 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 37.37 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.05 min

Lab File: BF089268.D

Acq: 24 Jul 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

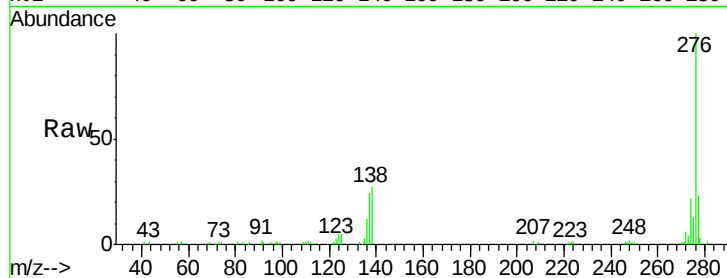
Tgt Ion: 276 Resp: 147507

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 27.2 18.5 27.7



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

