

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092879.D
 Acq On : 9 Feb 2017 10:49
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 09 12:30:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149086	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	588196	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	338795	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	572261	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	503280	20.00	ng	-0.08
86) Perylene-d12	15.51	264	398894	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	738470	84.98	ng	-0.08
7) Phenol-d6	6.53	99	872541	78.04	ng	-0.07
23) Nitrobenzene-d5	7.46	82	844237	79.93	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	187460	76.50	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1529619	81.79	ng	-0.07
78) Terphenyl-d14	13.01	244	1653506	77.20	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	190446	40.56	ng	# 85
3) Pyridine	3.21	79	472368	39.56	ng	88
4) n-Nitrosodimethylamine	3.16	42	229426	40.92	ng	86
6) Aniline	6.56	93	633855	41.56	ng	# 48
8) 2-Chlorophenol	6.68	128	407351	42.49	ng	95
9) Benzaldehyde	6.44	77	296979	37.07	ng	97
10) Phenol	6.54	94	501093	38.31	ng	88
11) bis(2-Chloroethyl)ether	6.64	93	426570	40.85	ng	96
12) 1,3-Dichlorobenzene	7.07	146	442597	39.42	ng	97
13) 1,4-Dichlorobenzene	6.91	146	469105	41.28	ng	98
14) 1,2-Dichlorobenzene	7.07	146	443048	40.77	ng	94
15) Benzyl Alcohol	7.04	79	309019	37.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	738166	40.69	ng	93
17) 2-Methylphenol	7.16	107	354152	43.06	ng	96
18) Hexachloroethane	7.40	117	153389	39.54	ng	# 84
19) n-Nitroso-di-n-propylamine	7.31	70	270478	38.00	ng	96
20) 3+4-Methylphenols	7.31	107	378844	38.53	ng	# 80
22) Acetophenone	7.31	105	538340	40.09	ng	# 92
24) Nitrobenzene	7.48	77	455074	41.96	ng	97
25) Isophorone	7.72	82	829705	42.15	ng	98
26) 2-Nitrophenol	7.80	139	236728	45.92	ng	# 82
27) 2,4-Dimethylphenol	7.84	122	340721	37.63	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	517108	39.67	ng	99
29) 2,4-Dichlorophenol	8.04	162	350081	41.46	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	360399	39.60	ng	96
31) Naphthalene	8.20	128	1100249	36.90	ng	99
32) Benzoic acid	7.96	122	123565	27.66	ng	99
33) 4-Chloroaniline	8.26	127	499698	42.73	ng	94
34) Hexachlorobutadiene	8.32	225	196302	39.21	ng	98
35) Caprolactam	8.64	113	122935	46.28	ng	# 68
36) 4-Chloro-3-methylphenol	8.74	107	343650	39.03	ng	97
37) 2-Methylnaphthalene	8.90	142	842393	44.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	342638	36.03	ng	100
40) Hexachlorocyclopentadiene	9.05	237	141935	33.08	ng	97

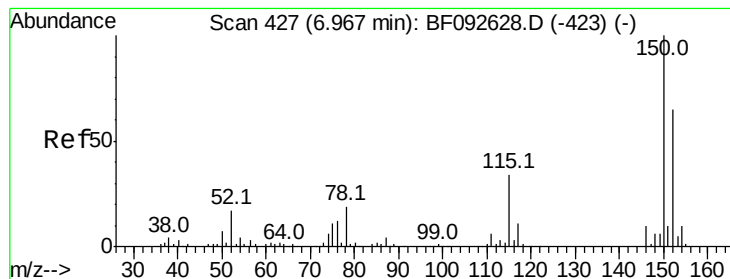
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	231008	36.97	nq	90
43) 2,4,5-Trichlorophenol	9.22	196	272768	39.84	nq	# 88
45) 1,1'-Biphenyl	9.36	154	899398	36.66	nq	97
46) 2-Chloronaphthalene	9.39	162	758127	39.50	nq	95
47) 2-Nitroaniline	9.48	65	239609	37.13	nq	98
48) Acenaphthylene	9.80	152	1284016	38.73	nq	99
49) Dimethylphthalate	9.66	163	885103	38.79	nq	99
50) 2,6-Dinitrotoluene	9.72	165	197679	40.11	nq	# 73
51) Acenaphthene	9.97	154	788846	39.80	nq	97
52) 3-Nitroaniline	9.89	138	208792	37.02	nq	98
53) 2,4-Dinitrophenol	10.01	184	67369	30.02	nq	94
54) Dibenzofuran	10.14	168	1037672	39.14	nq	94
55) 4-Nitrophenol	10.06	139	168899	41.58	nq	# 77
56) 2,4-Dinitrotoluene	10.13	165	291315	44.40	nq	# 76
57) Fluorene	10.49	166	852753	41.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	179057	39.20	nq	98
59) Diethylphthalate	10.36	149	908491	42.24	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	356792	36.41	nq	91
61) 4-Nitroaniline	10.51	138	234304	40.56	nq	91
62) Azobenzene	10.64	77	872994	39.29	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	124688	36.47	nq	84
65) n-Nitrosodiphenylamine	10.60	169	755827	41.35	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	231646	38.74	nq	94
67) Hexachlorobenzene	11.04	284	242259	41.00	nq	97
68) Atrazine	11.13	200	249513	42.53	nq	97
69) Pentachlorophenol	11.23	266	108516	39.58	nq	98
70) Phenanthrene	11.45	178	1200610	36.62	nq	99
71) Anthracene	11.50	178	1348146	40.95	nq	98
72) Carbazole	11.65	167	1144329	36.36	nq	99
73) Di-n-butylphthalate	11.98	149	1490574	43.79	nq	# 97
74) Fluoranthene	12.64	202	1325495	39.19	nq	96
76) Benzidine	12.76	184	622214	29.01	nq	99
77) Pyrene	12.86	202	1322771	35.12	nq	99
79) Butylbenzylphthalate	13.48	149	635002	41.52	nq	85
80) Benzo(a)anthracene	14.05	228	1071545	34.81	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	416749	37.98	nq	# 96
82) Chrysene	14.09	228	914995	31.75	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	857474	40.99	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1433497	42.09	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	931898	41.75	nq	95
87) Benzo(b)fluoranthene	15.09	252	1059328	40.35	nq	97
88) Benzo(k)fluoranthene	15.09	252	1059328	46.73	nq	97
89) Benzo(a)pyrene	15.45	252	895208	39.42	nq	97
90) Dibenzo(a,h)anthracene	16.96	278	797105	43.43	nq	96
91) Benzo(g,h,i)perylene	17.38	276	799999	43.14	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

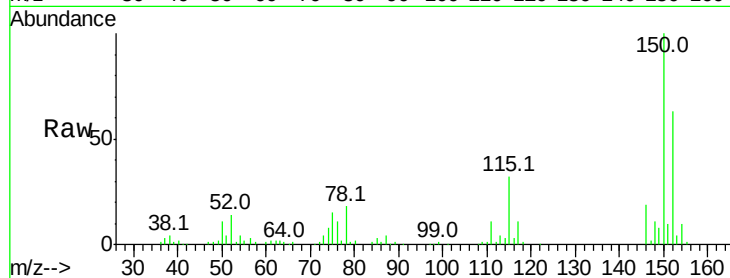
Tot Ion:152 Resp: 149086

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

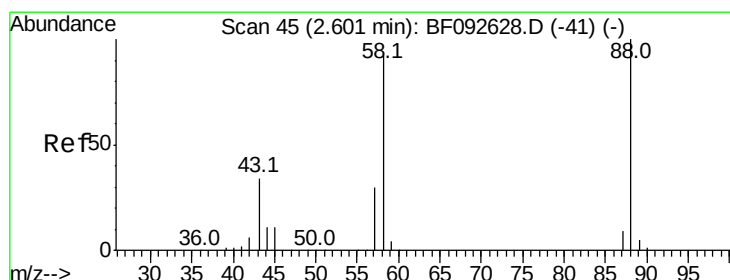
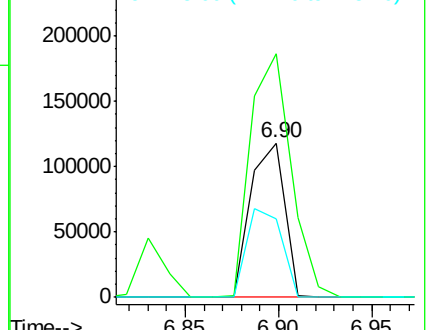
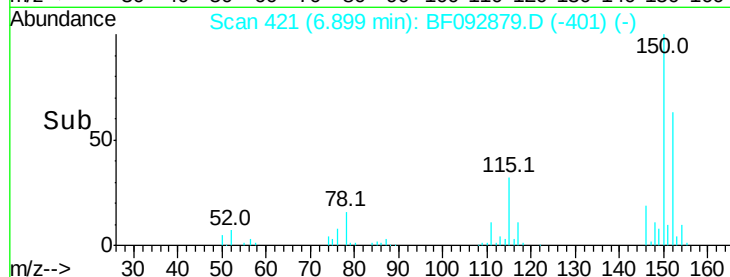
115 51.1 46.0 69.0



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: 40.56 ng

RT: 2.48 min Scan# 34

Delta R.T. -0.13 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

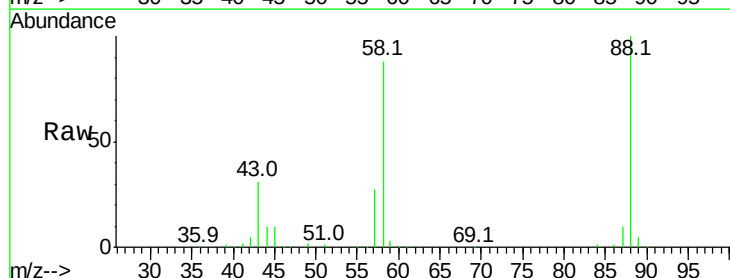
Tgt Ion: 88 Resp: 190446

Ion Ratio Lower Upper

88 100

58 87.9 57.8 86.8#

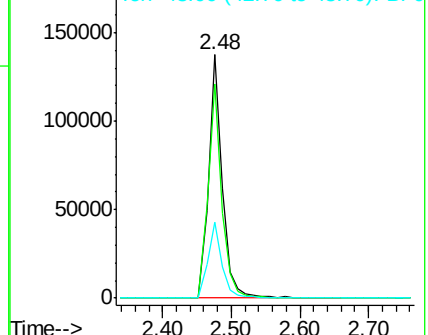
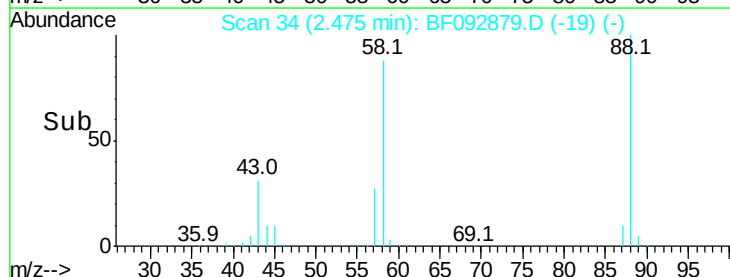
43 31.4 22.3 33.5

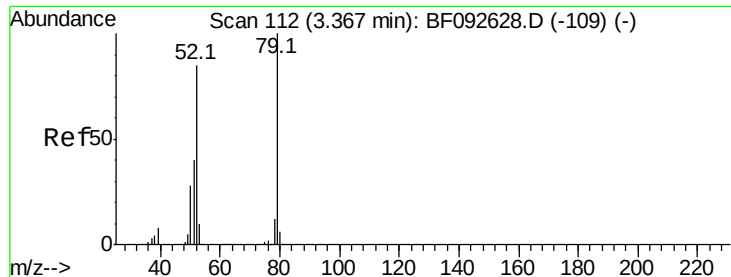


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.56 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.16 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

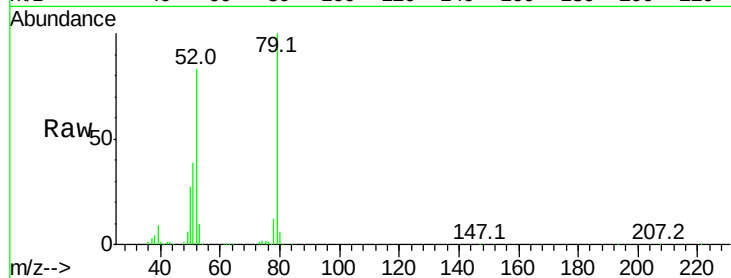
Tot Ion: 79 Resp: 472368

Ion Ratio Lower Upper

79 100

52 82.6 57.1 85.7

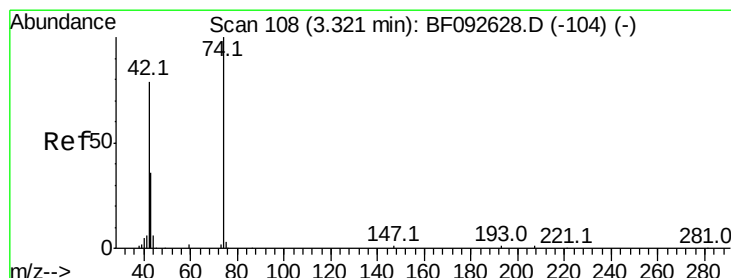
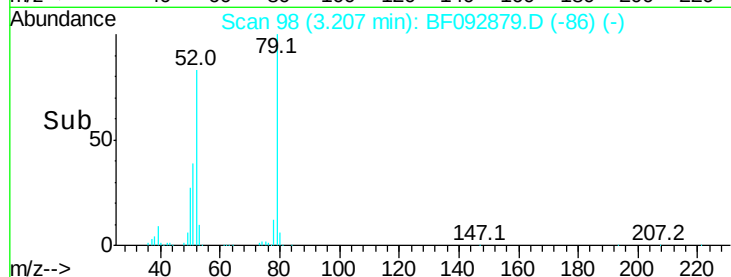
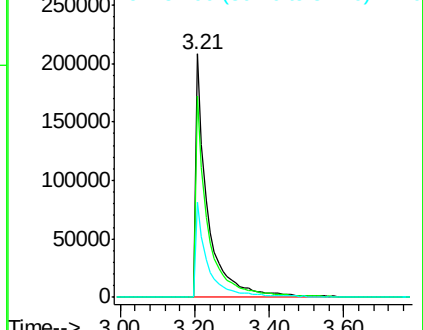
51 39.2 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.92 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.16 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

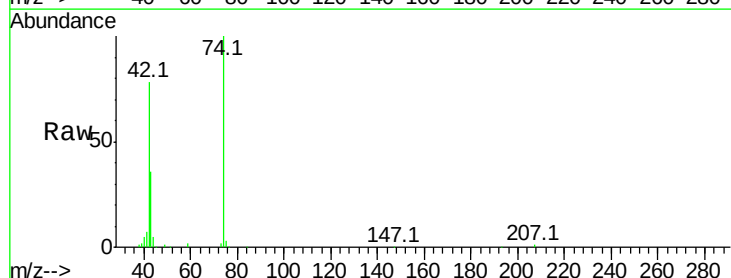
Tgt Ion: 42 Resp: 229426

Ion Ratio Lower Upper

42 100

74 127.8 117.0 175.4

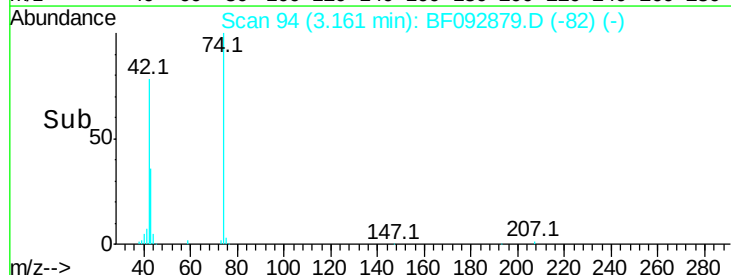
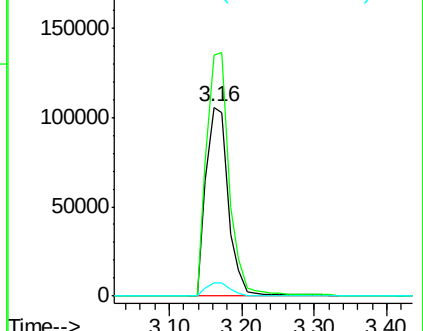
44 6.8 5.5 8.3

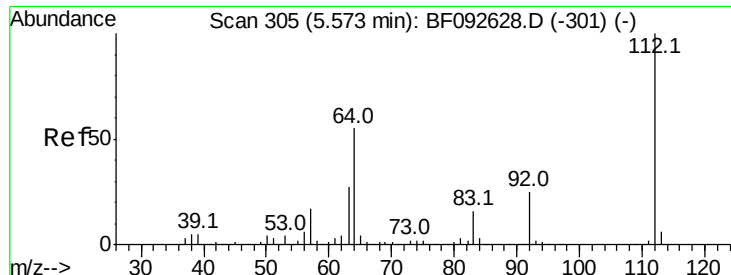


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.98 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

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ClientSampleId :

SSTDCCC040

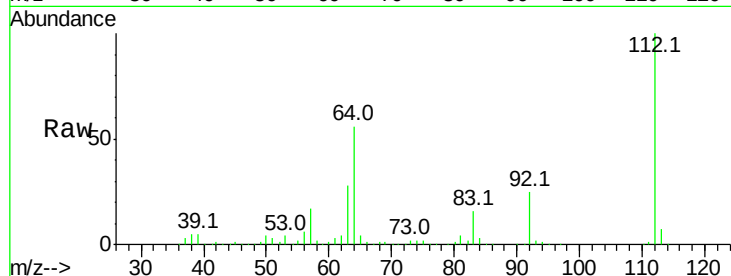
Tot Ion:112 Resp: 738470

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

63 27.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.49

600000

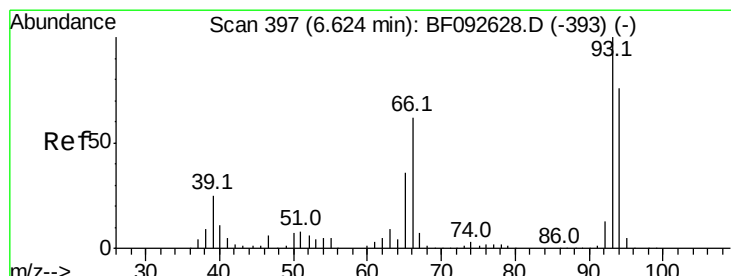
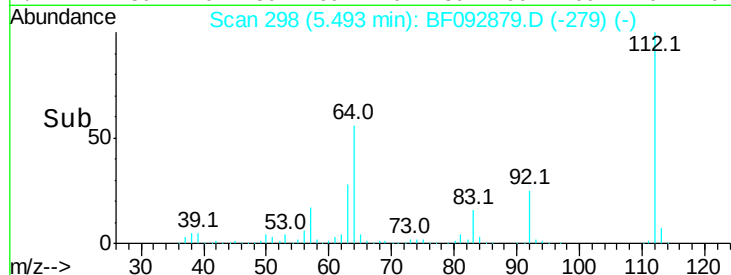
400000

200000

0

5.40 5.50 5.60

Time-->



#6

Aniline

Concen: 41.56 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

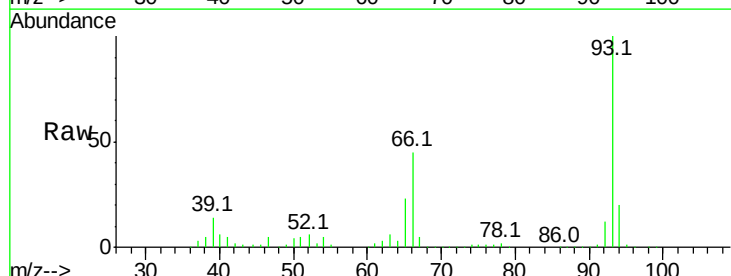
Tgt Ion: 93 Resp: 633855

Ion Ratio Lower Upper

93 100

66 44.5 76.2 114.2#

65 22.7 49.3 73.9#



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

6.56

600000

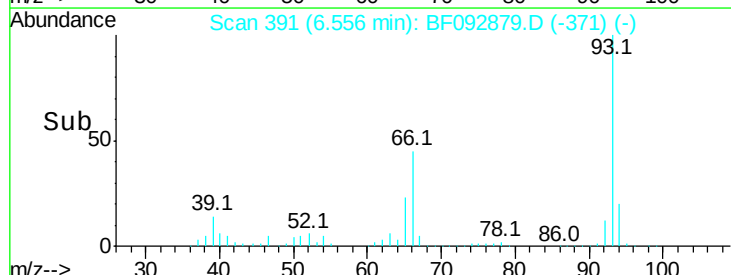
400000

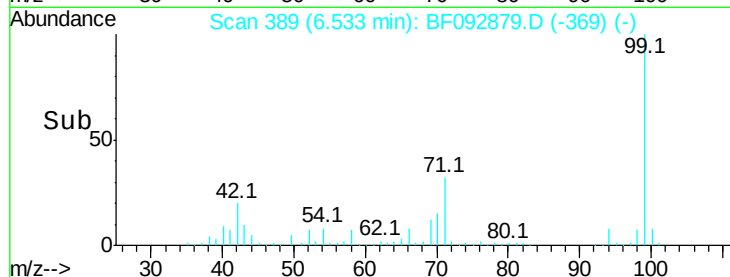
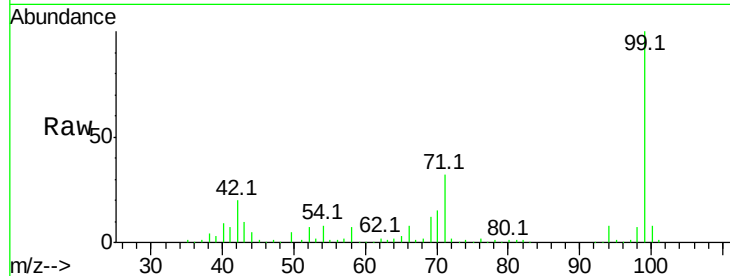
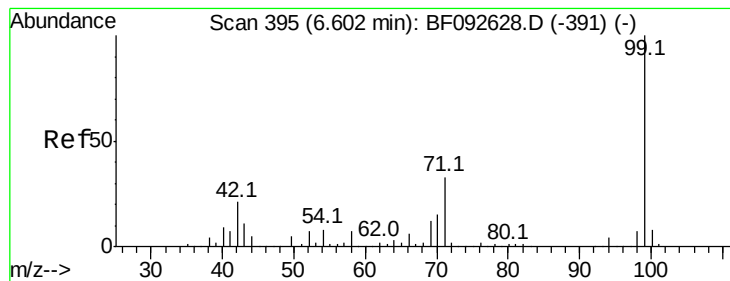
200000

0

6.50 6.55 6.60

Time-->





#7

Phenol-d6

Concen: 78.04 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

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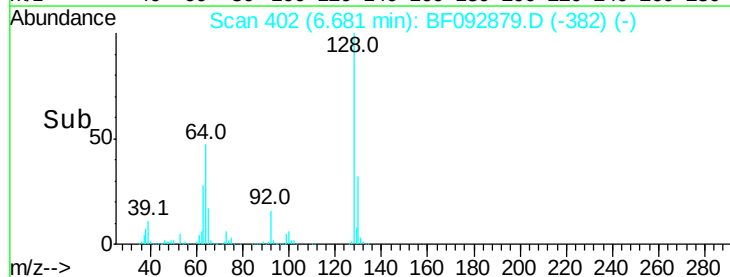
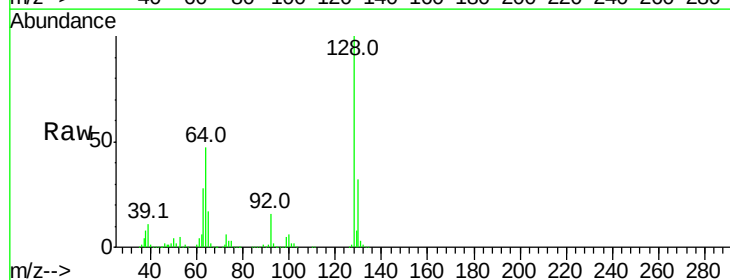
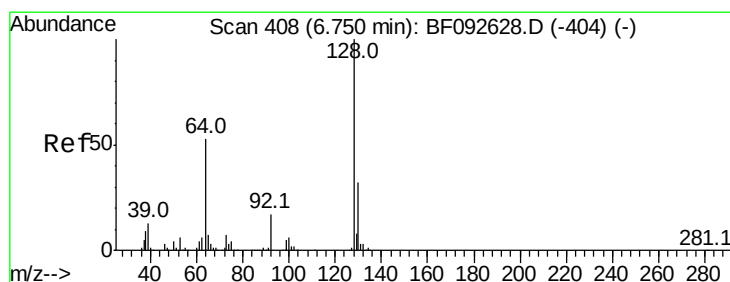
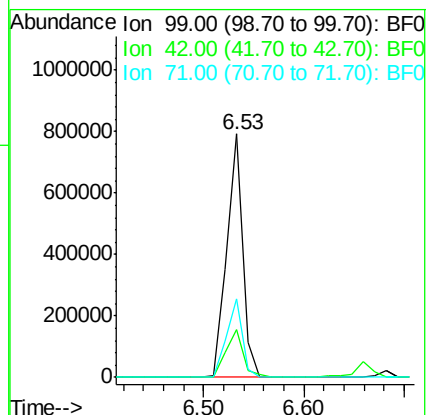
Tot Ion: 99 Resp: 872541

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 32.0 27.5 41.3



#8

2-Chlorophenol

Concen: 42.49 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

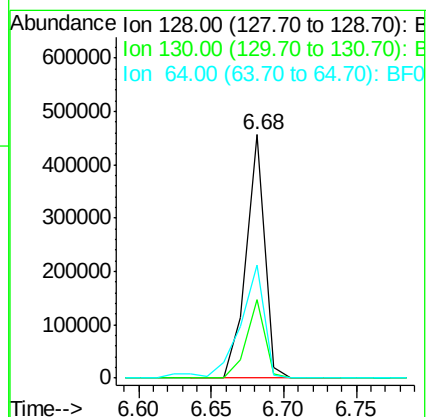
Tgt Ion: 128 Resp: 407351

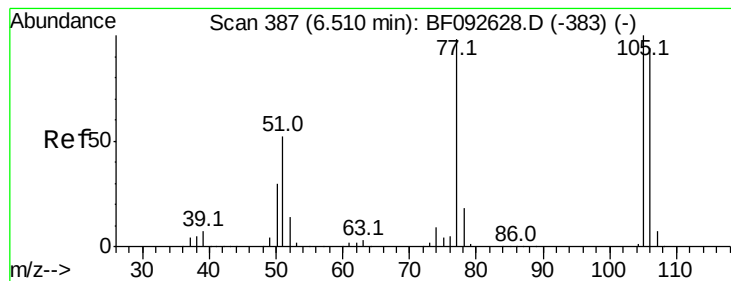
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 46.6 32.2 72.2





#9

Benzaldehyde

Concen: 37.07 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

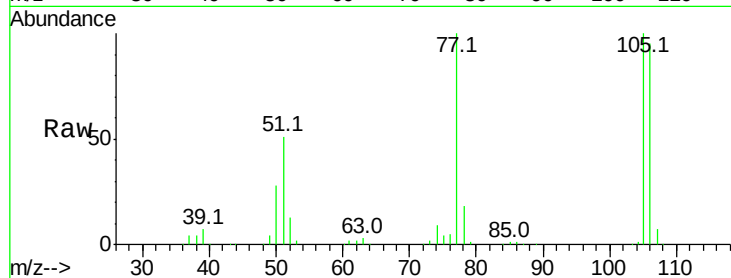
Tot Ion: 77 Resp: 296979

Ion Ratio Lower Upper

77 100

105 100.0 83.9 123.9

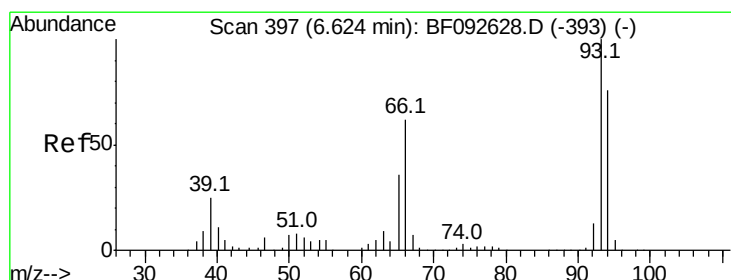
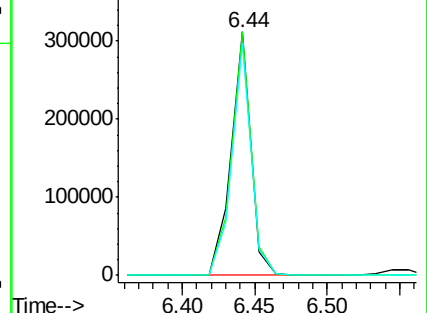
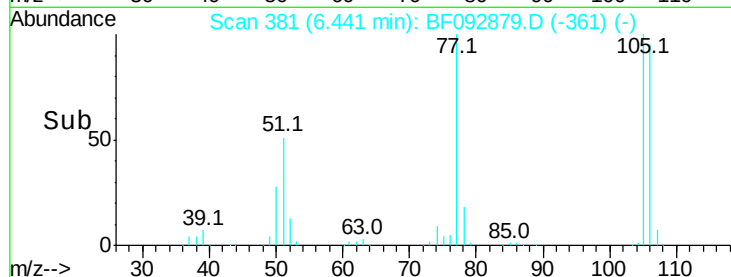
106 95.3 77.6 117.6



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: 38.31 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

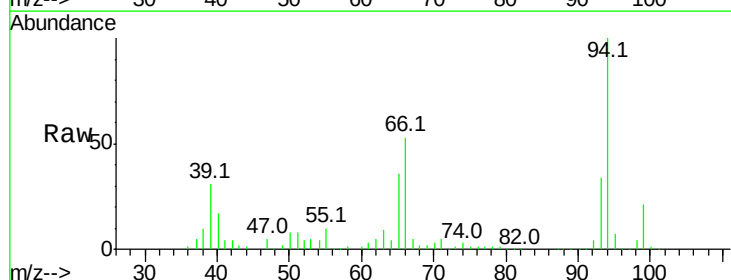
Tgt Ion: 94 Resp: 501093

Ion Ratio Lower Upper

94 100

65 36.0 21.4 61.4

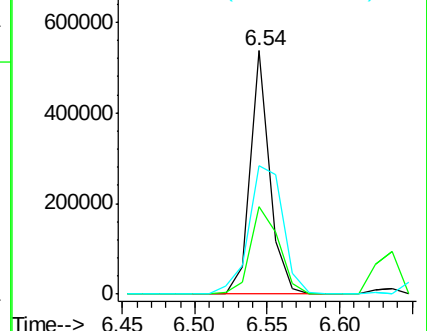
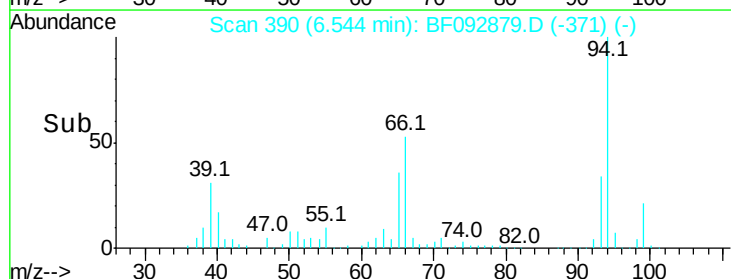
66 52.7 44.0 84.0

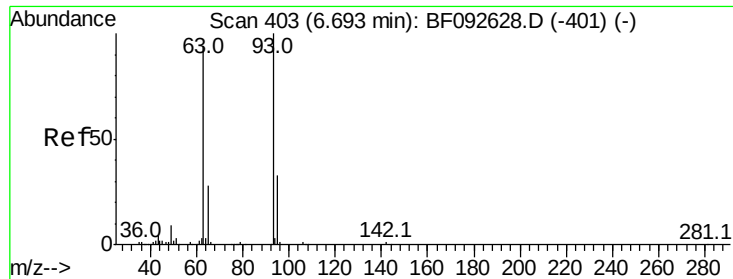


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

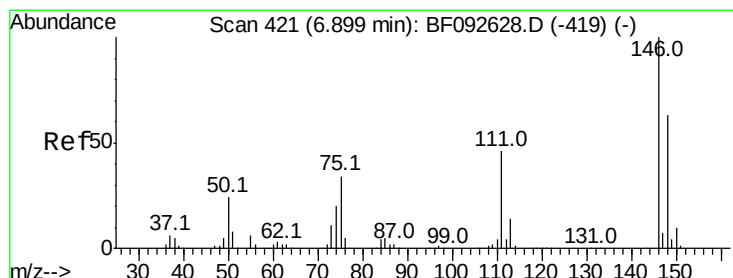
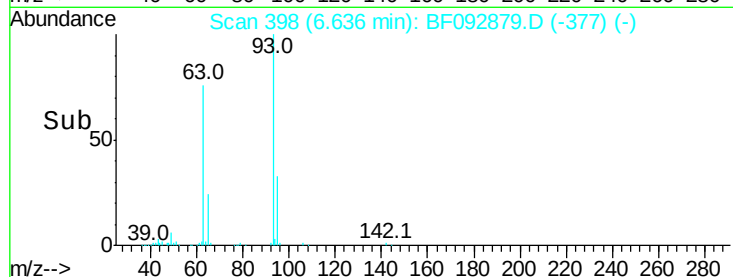
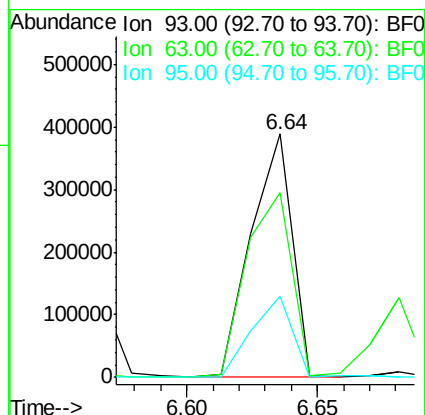
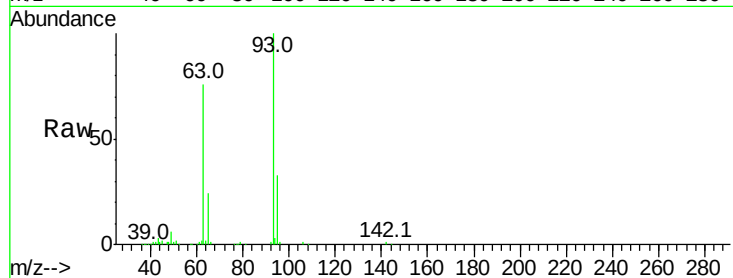




#11
bis(2-Chloroethyl)ether
Concen: 40.85 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

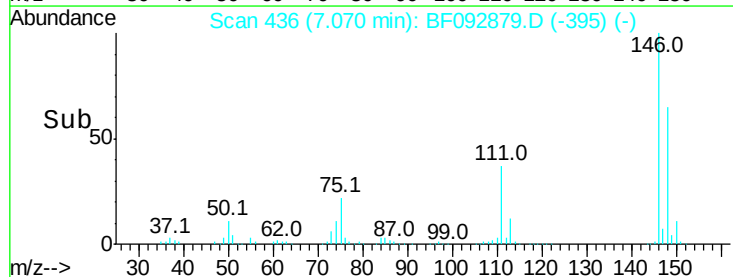
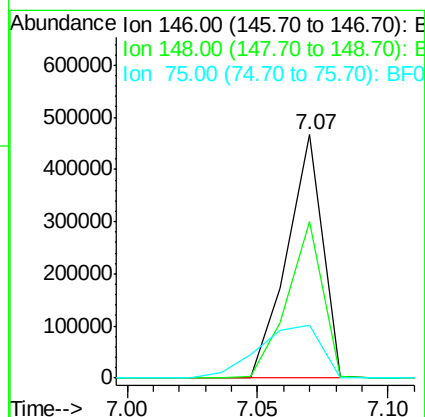
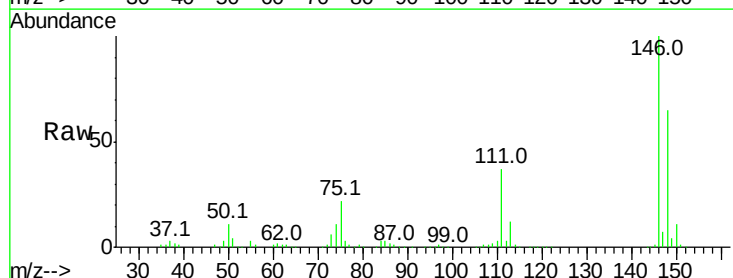
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

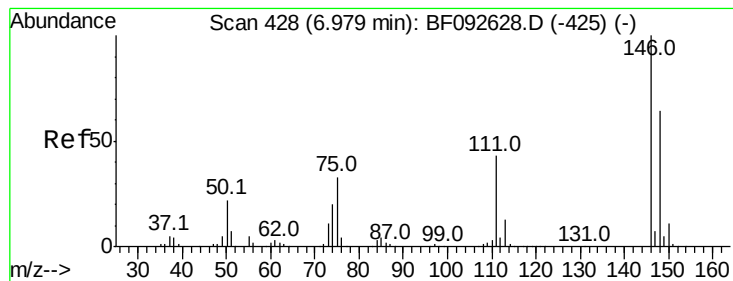
Tot Ion: 93 Resp: 426570
Ion Ratio Lower Upper
93 100
63 76.1 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.42 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion: 146 Resp: 442597
Ion Ratio Lower Upper
146 100
148 64.6 53.4 80.0
75 21.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.28 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

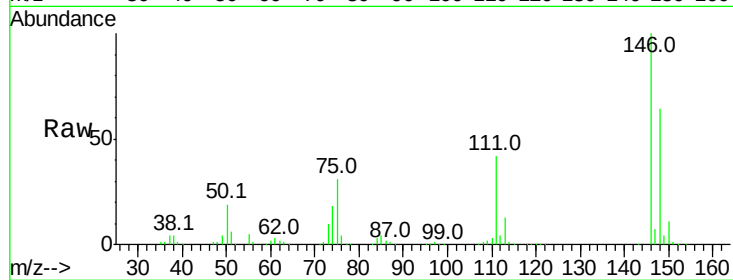
Tot Ion:146 Resp: 469105

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

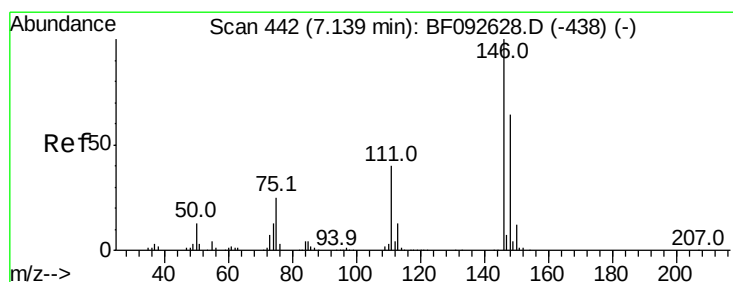
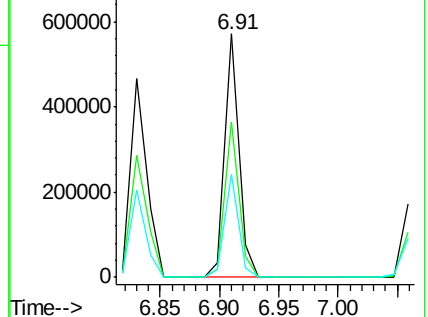
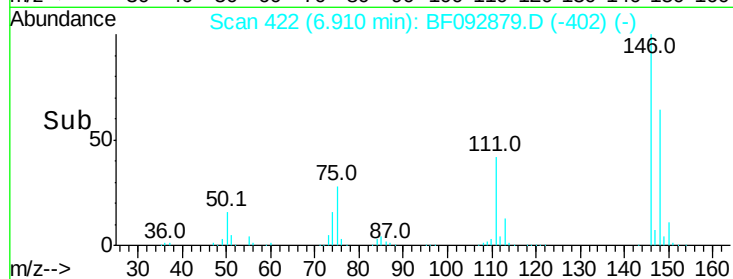
111 42.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.77 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

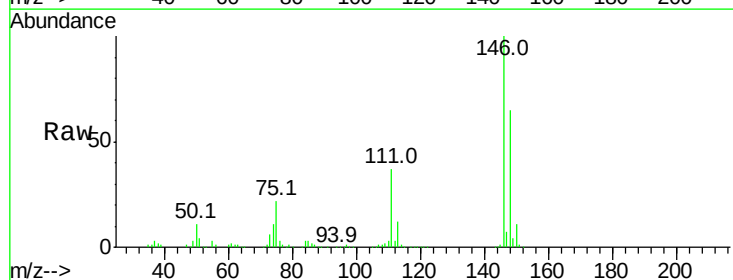
Tgt Ion:146 Resp: 443048

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

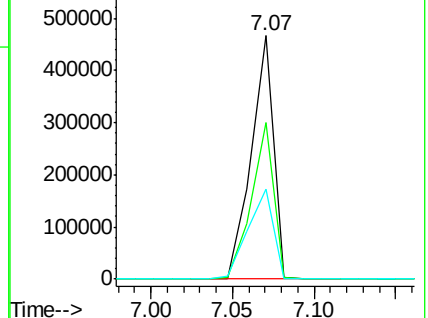
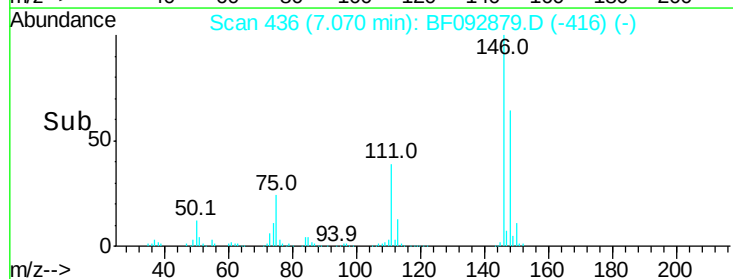
111 36.7 36.2 54.2

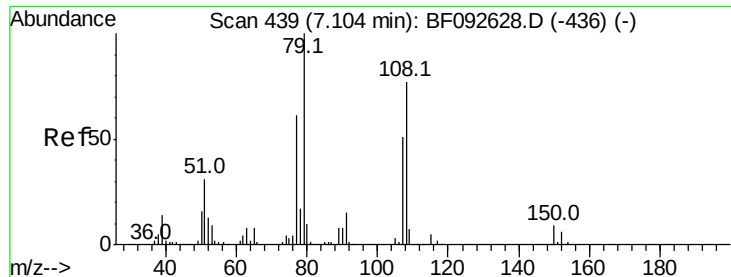


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

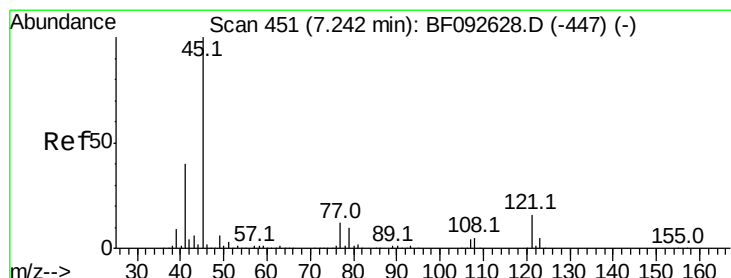
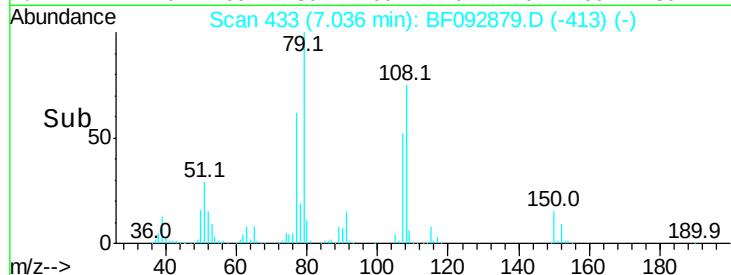
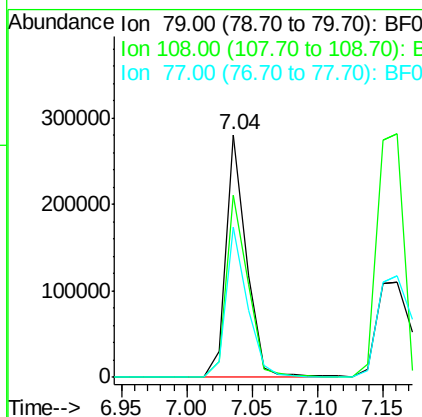
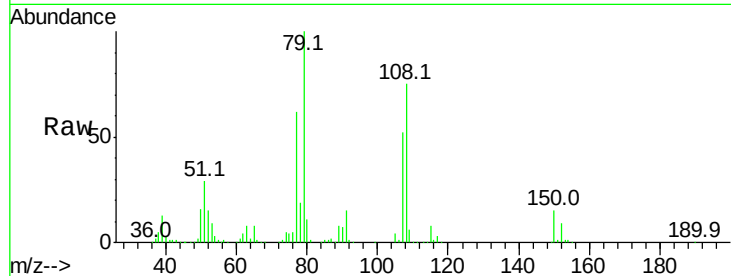




#15
Benzyl Alcohol
Concen: 37.33 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

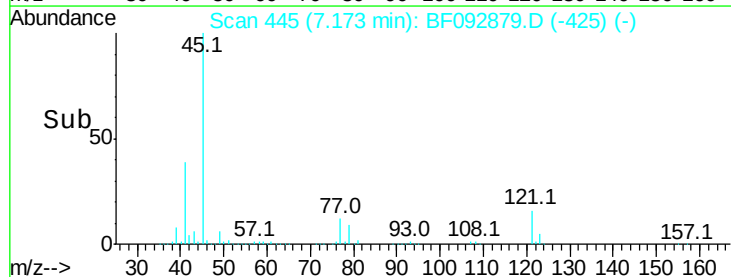
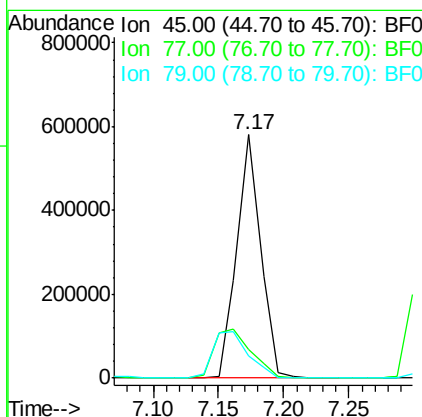
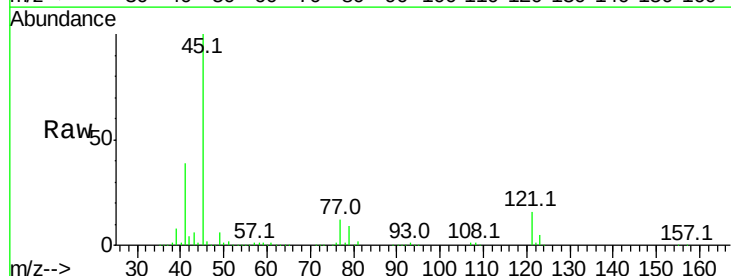
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

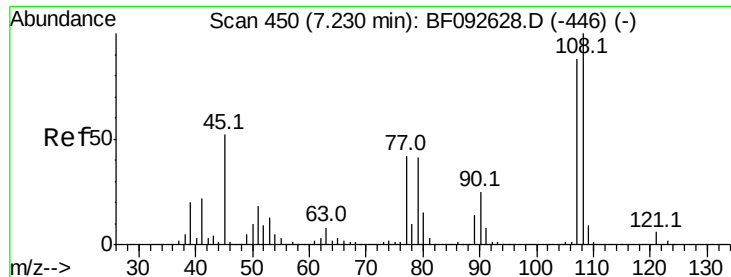
Tot Ion: 79 Resp: 309019
Ion Ratio Lower Upper
79 100
108 75.2 61.4 92.0
77 62.1 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.69 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion: 45 Resp: 738166
Ion Ratio Lower Upper
45 100
77 11.6 0.0 34.6
79 9.0 0.0 31.2

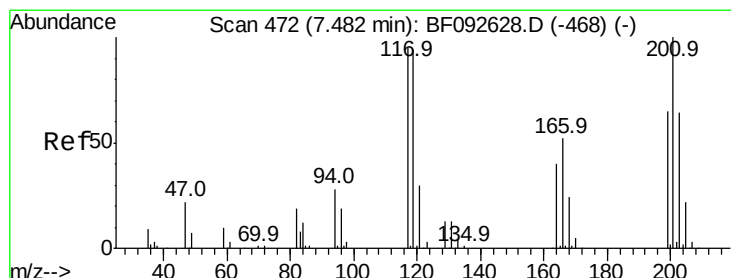
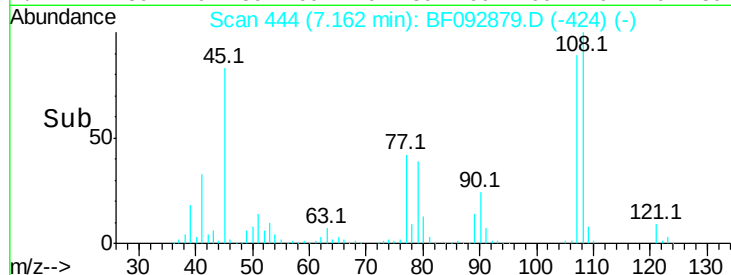
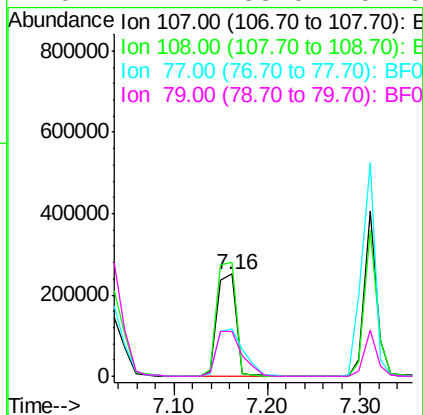
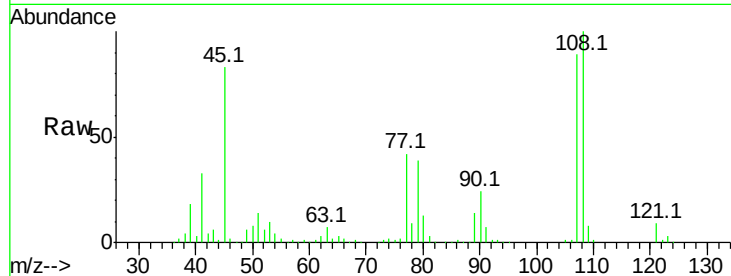




#17
2-Methylphenol
Concen: 43.06 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

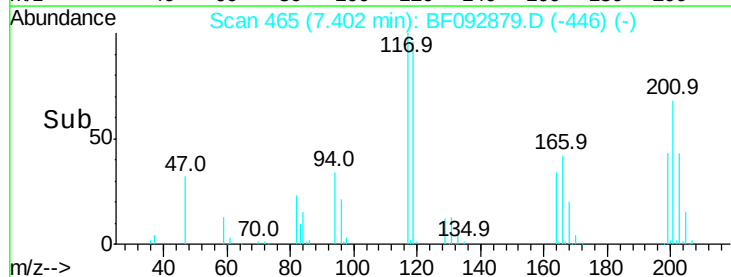
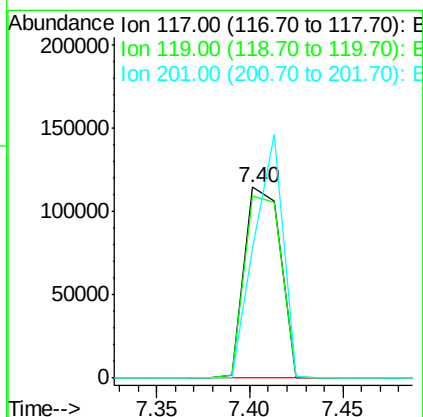
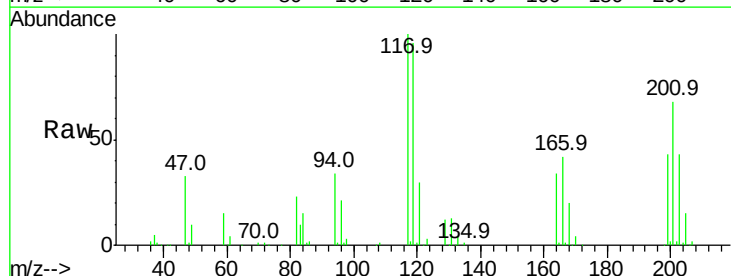
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

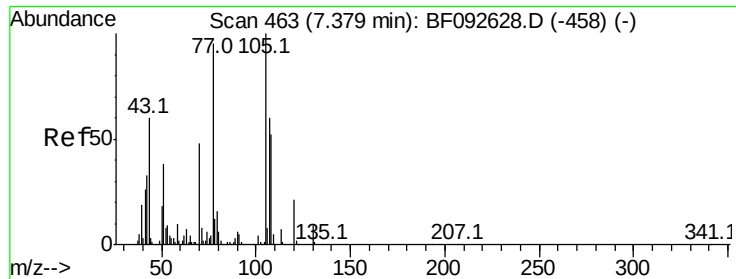
Tot Ion:107 Resp: 354152
Ion Ratio Lower Upper
107 100
108 112.2 93.0 139.6
77 46.7 39.8 59.8
79 44.1 38.0 57.0



#18
Hexachloroethane
Concen: 39.54 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:117 Resp: 153389
Ion Ratio Lower Upper
117 100
119 95.6 78.1 117.1
201 68.1 78.6 117.8#

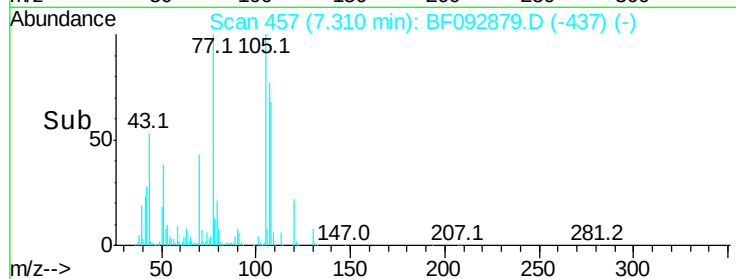
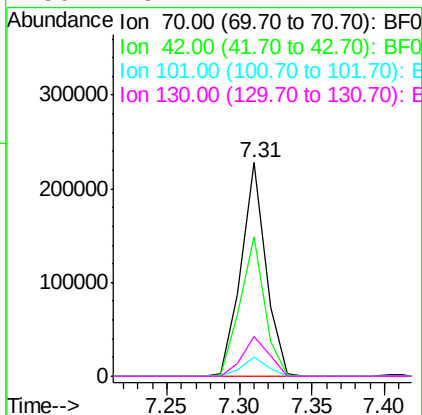
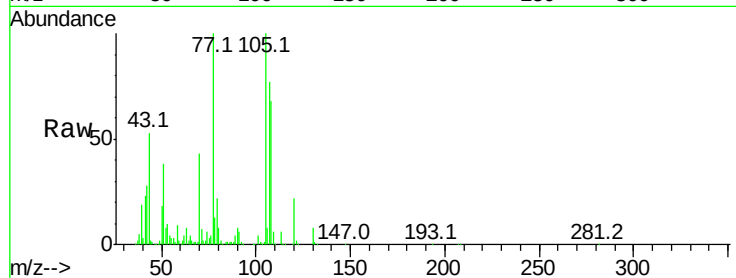




#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

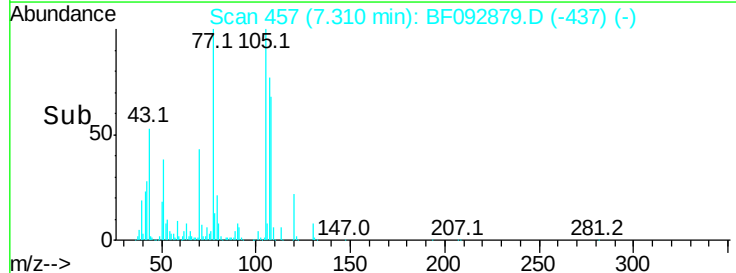
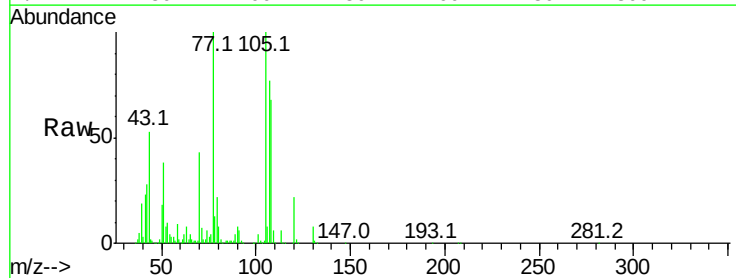
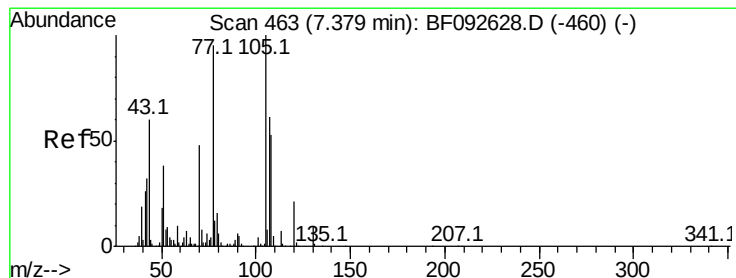
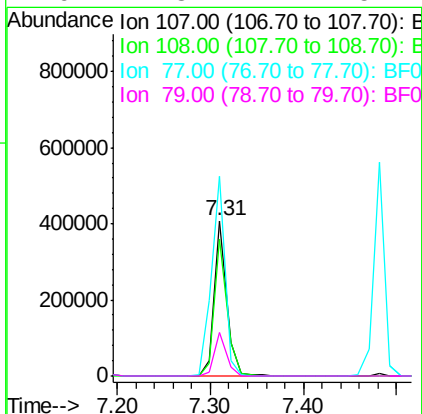
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

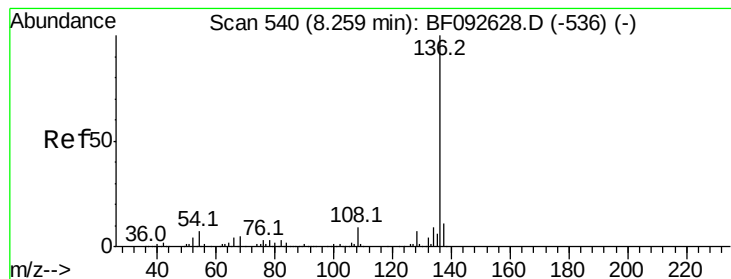
Tot Ion: 70 Resp: 270478
Ion Ratio Lower Upper
70 100
42 65.6 49.4 74.0
101 9.1 7.4 11.2
130 18.4 14.2 21.4



#20
3+4-Methylphenols
Concen: 38.53 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion: 107 Resp: 378844
Ion Ratio Lower Upper
107 100
108 88.3 73.0 113.0
77 129.0 71.3 111.3#
79 27.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 588196

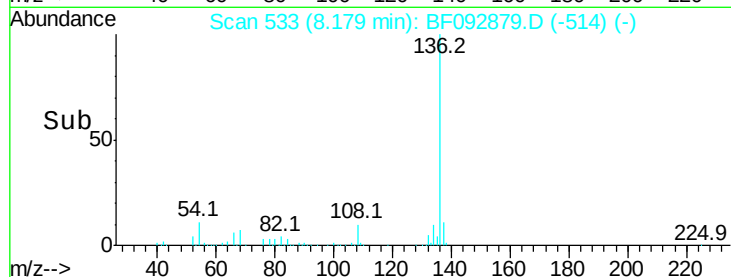
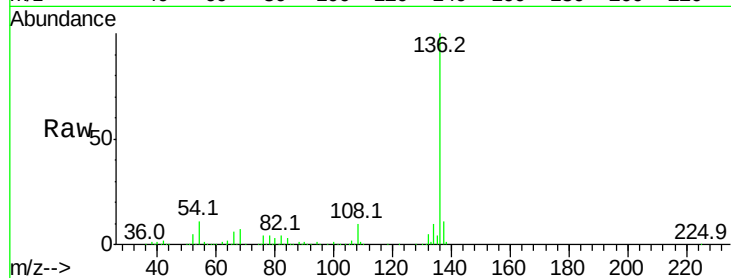
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.1 4.5 6.7#

68 7.2 3.6 5.4#

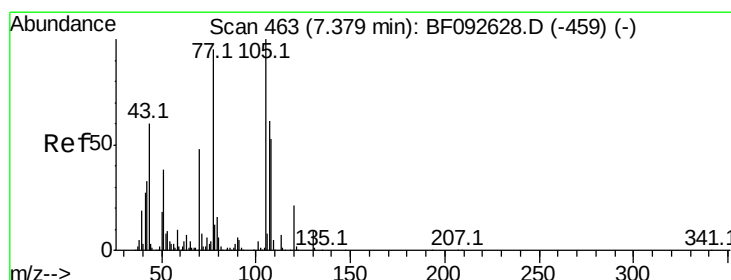
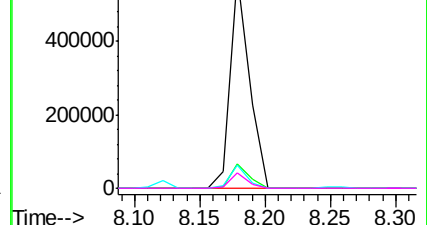


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.09 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:105 Resp: 538340

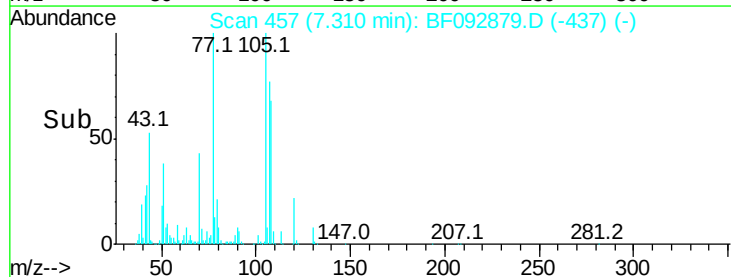
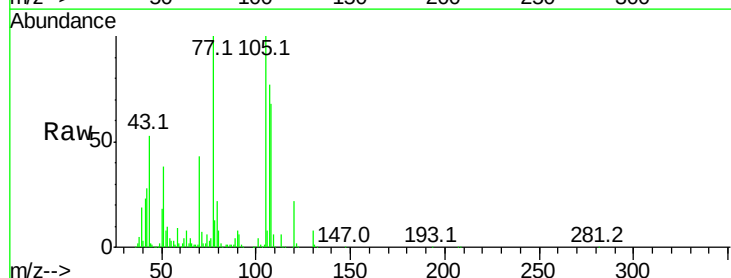
Ion Ratio Lower Upper

105 100

71 7.0 3.2 4.8#

51 38.4 26.2 39.4

120 22.3 16.6 24.8

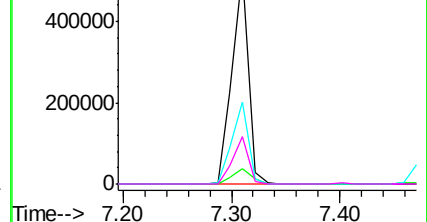


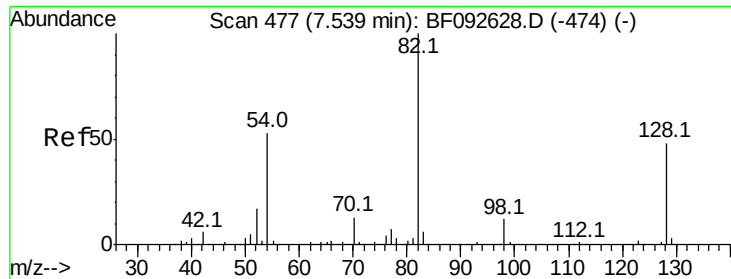
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

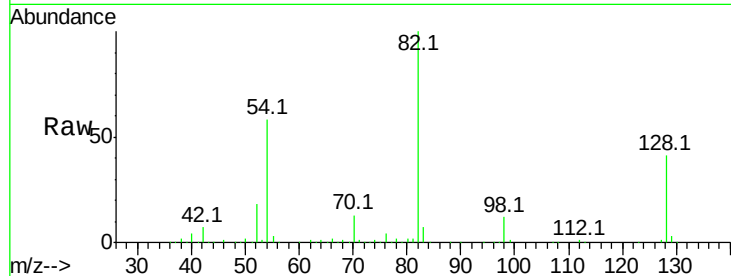




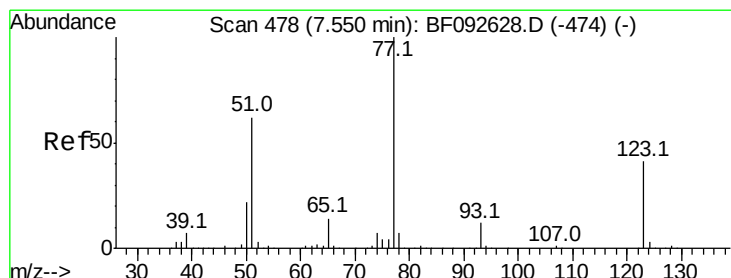
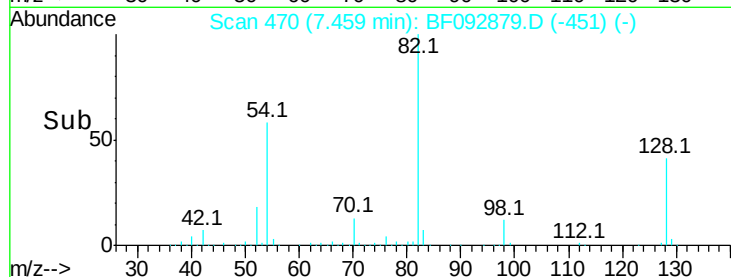
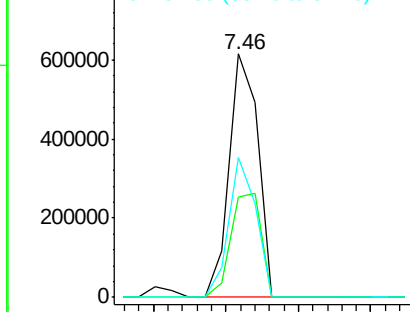
#23
 Nitrobenzene-d5
 Concen: 79.93 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	82	Resp	844237
Ion Ratio	100	Lower	Upper
128	41.4	34.6	52.0
54	57.7	39.5	59.3

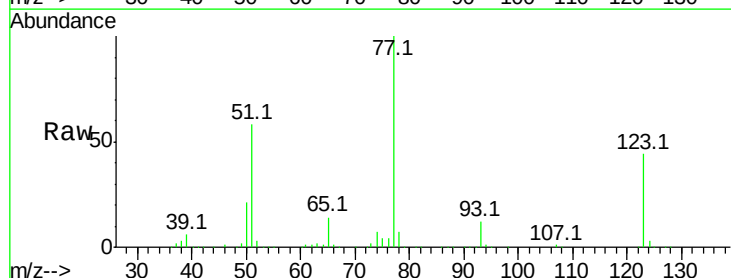


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

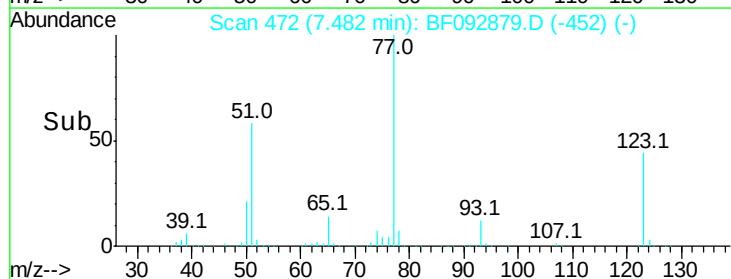
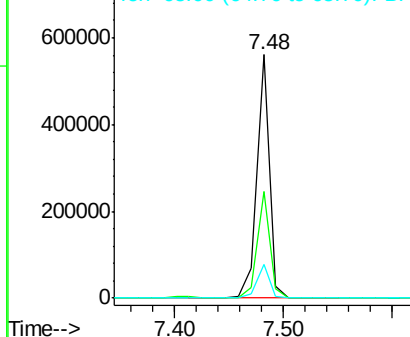


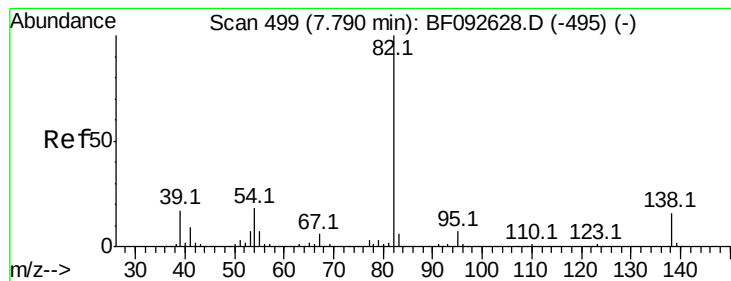
#24
 Nitrobenzene
 Concen: 41.96 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	77	Resp	455074
Ion Ratio	100	Lower	Upper
123	43.9	33.0	49.4
65	13.8	11.2	16.8



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





#25

Isophorone

Concen: 42.15 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

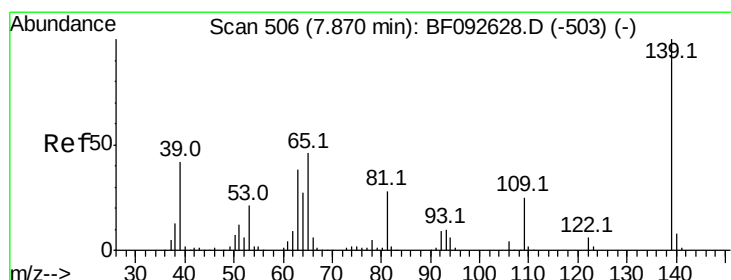
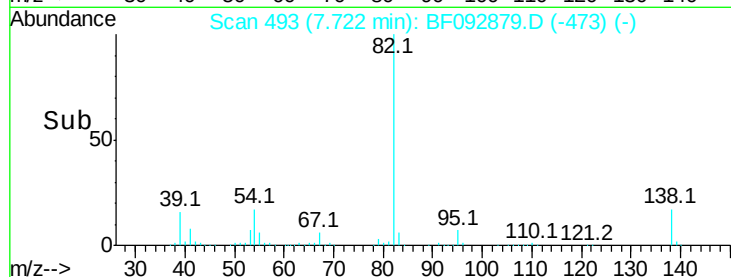
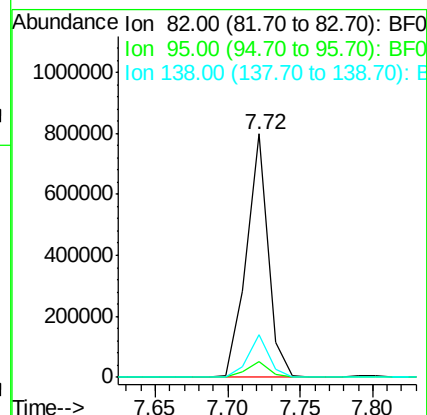
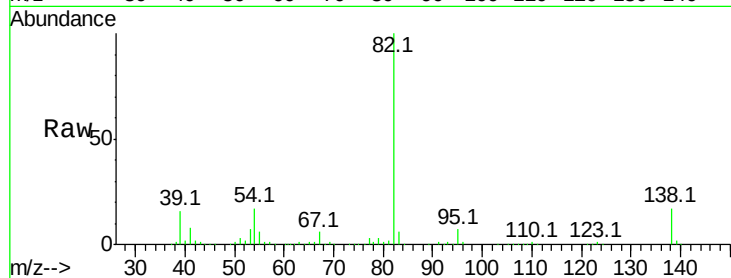
Tot Ion: 82 Resp: 829705

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.3 14.6 22.0



#26

2-Nitrophenol

Concen: 45.92 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

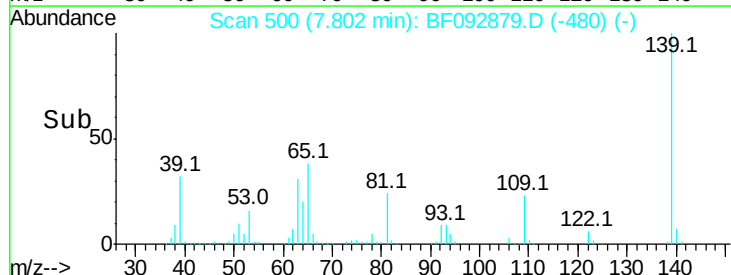
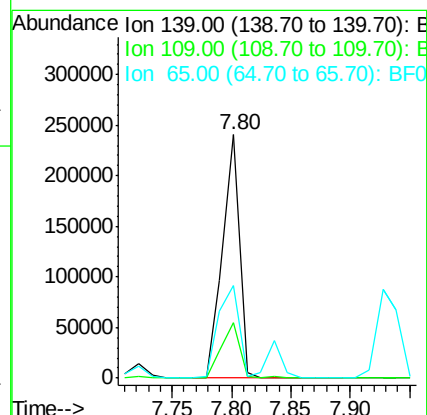
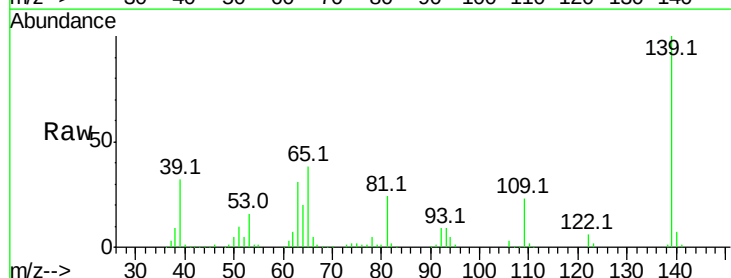
Tgt Ion: 139 Resp: 236728

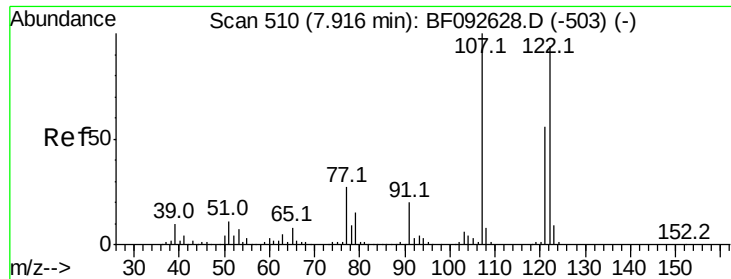
Ion Ratio Lower Upper

139 100

109 22.8 23.3 34.9#

65 37.8 42.7 64.1#

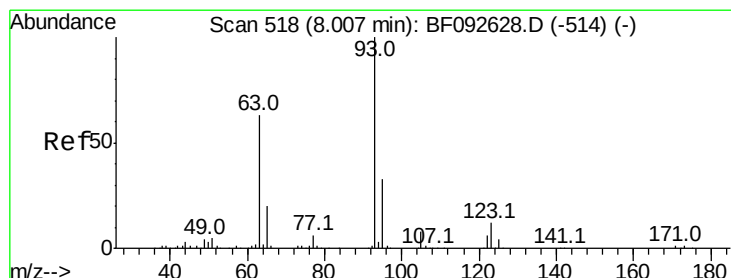
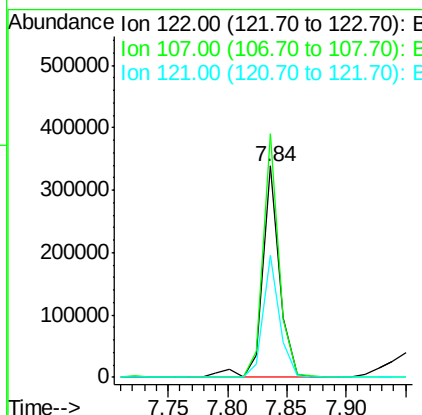
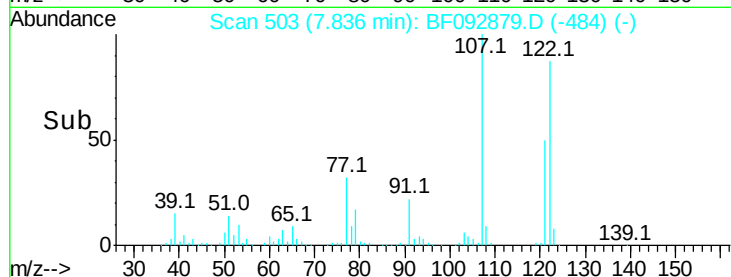
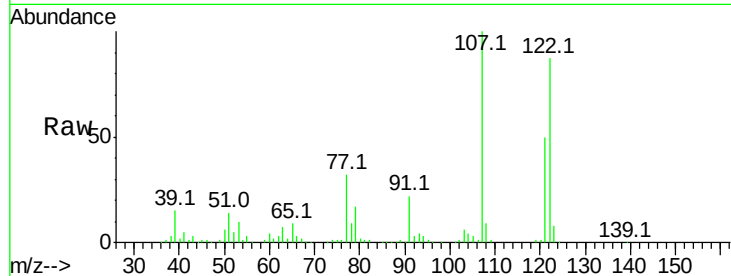




#27
2,4-Dimethylphenol
Concen: 37.63 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

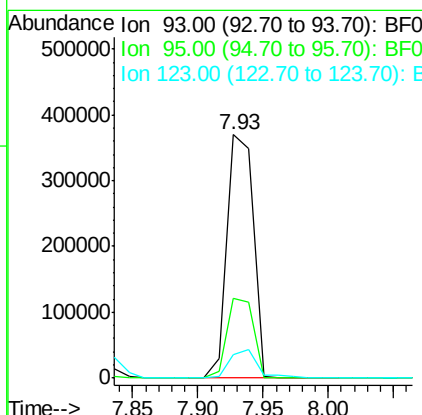
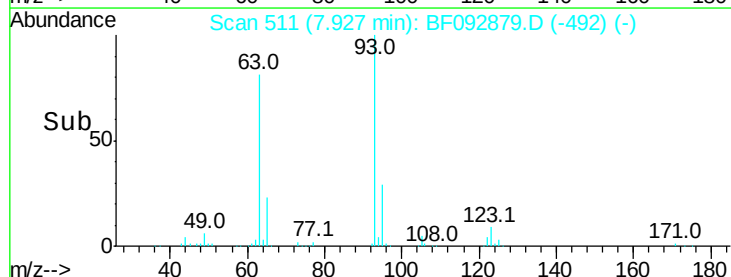
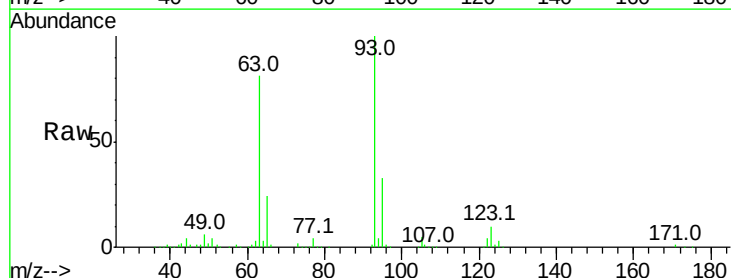
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

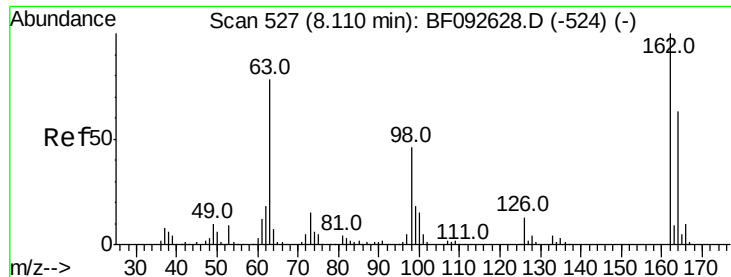
Tot Ion:122 Resp: 340721
Ion Ratio Lower Upper
122 100
107 115.3 94.1 141.1
121 58.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.67 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion: 93 Resp: 517108
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 9.8 8.6 13.0

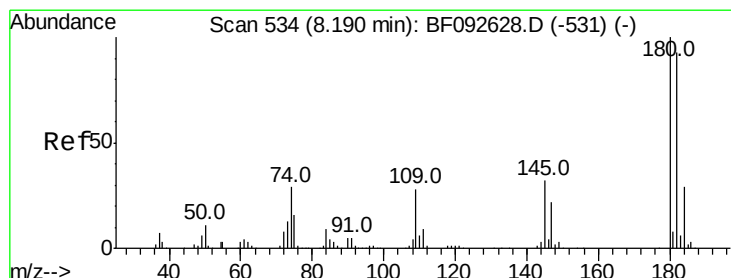
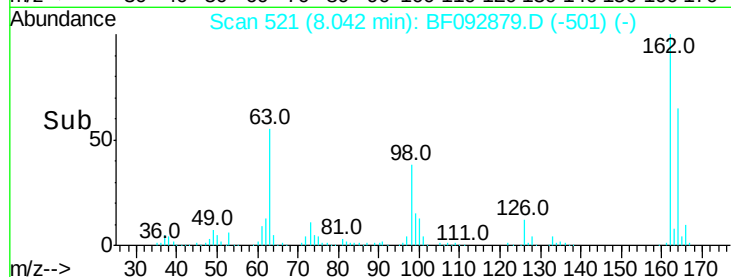
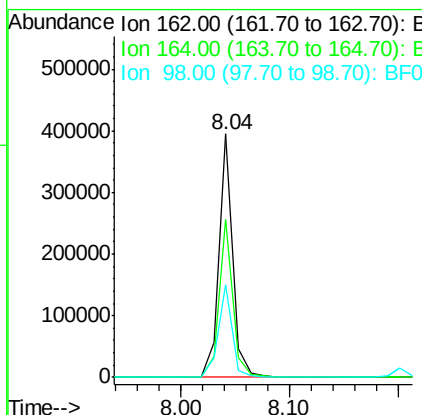
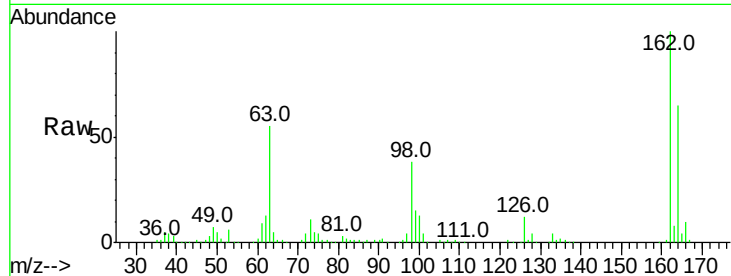




#29
 2,4-Dichlorophenol
 Concen: 41.46 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

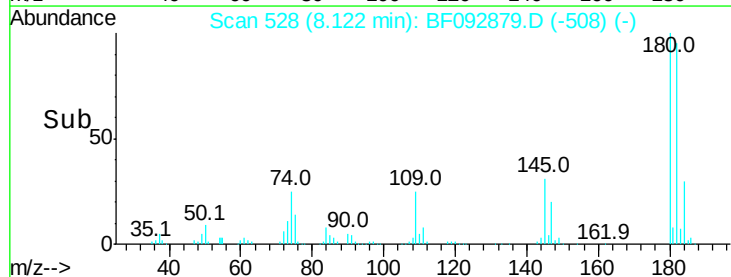
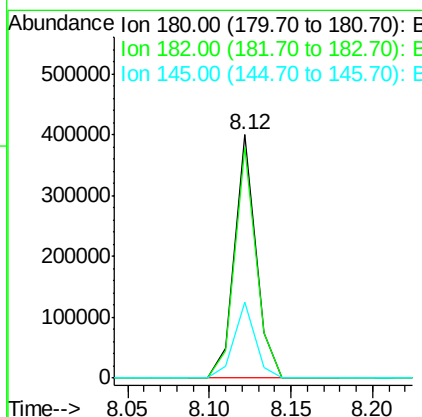
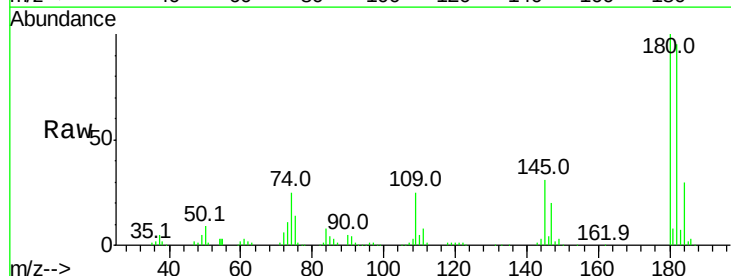
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

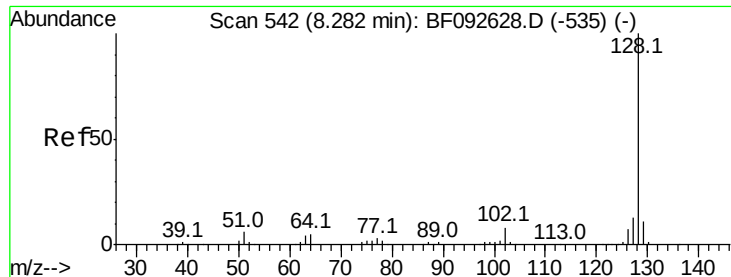
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.8	86.8
98	38.2	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.2	117.4
145	31.3	21.6	32.4





#31

Naphthalene

Concen: 36.90 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

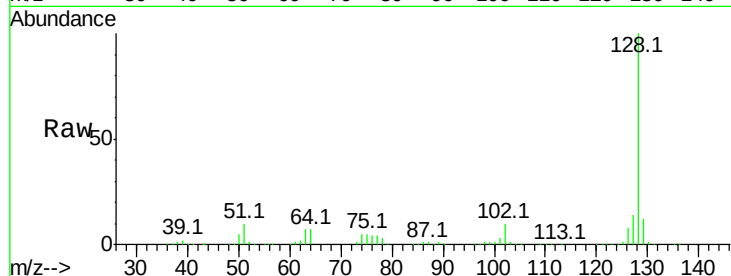
Tot Ion:128 Resp: 1100249

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

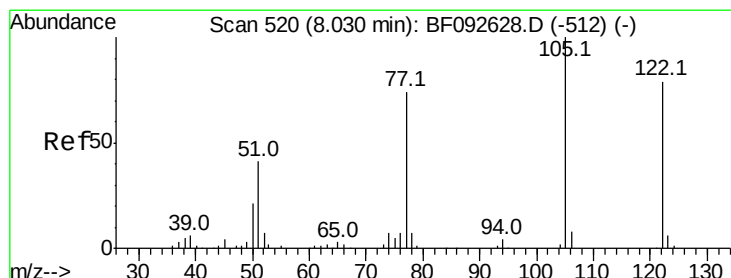
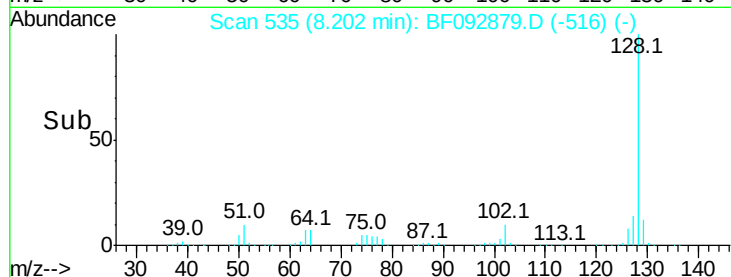
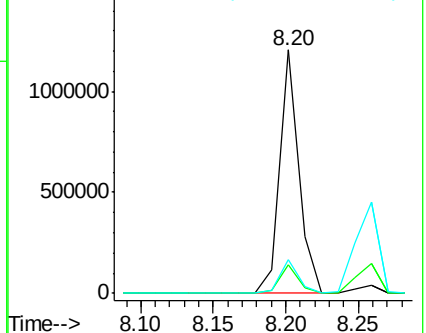
127 13.8 10.8 16.2



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: 27.66 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

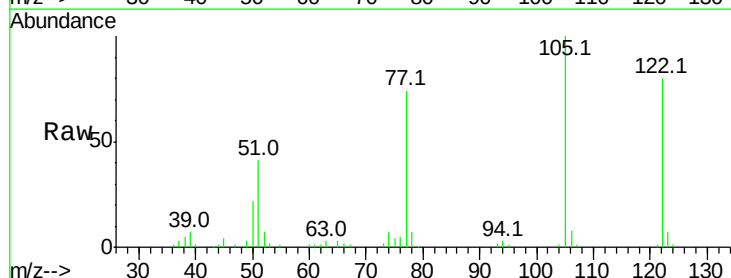
Tgt Ion:122 Resp: 123565

Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

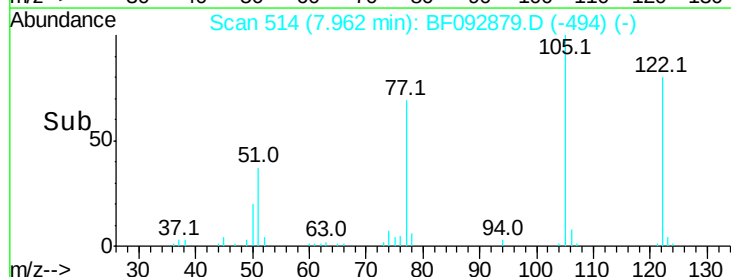
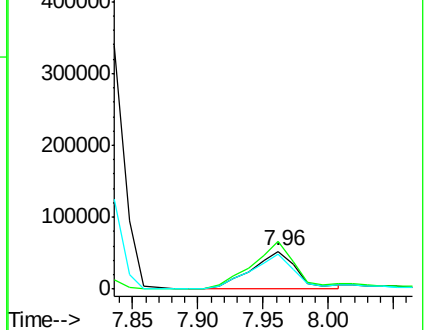
77 93.2 74.5 114.5

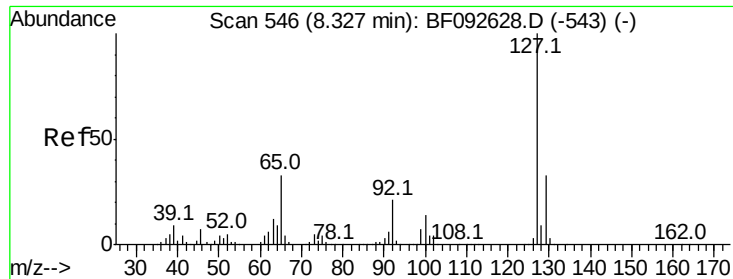


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

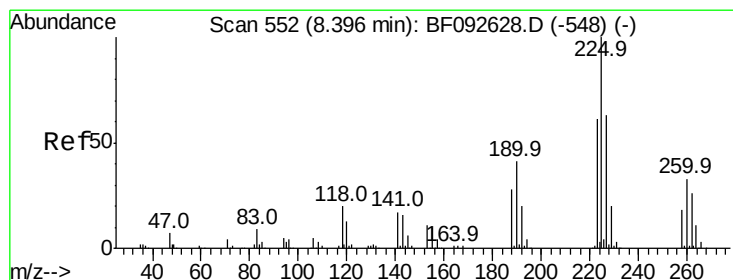
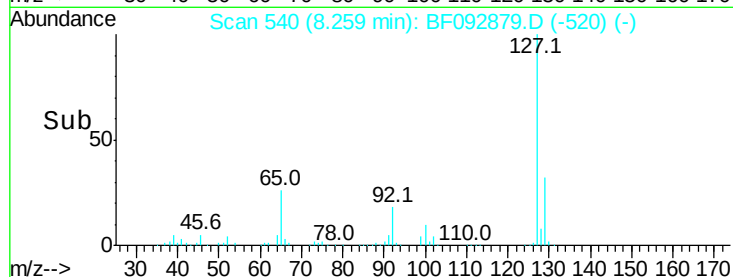
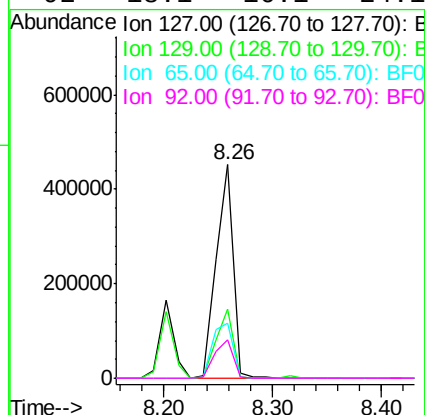
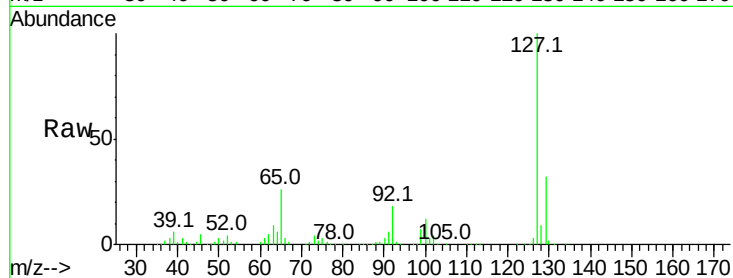




#33
4-Chloroaniline
Concen: 42.73 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

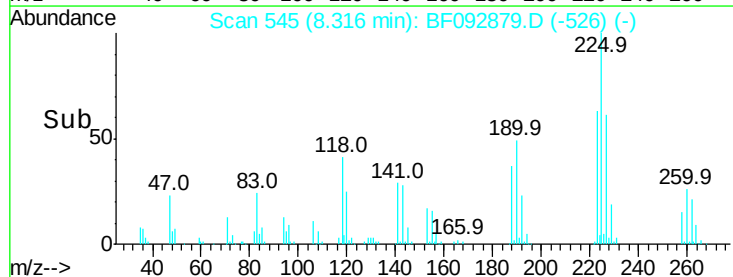
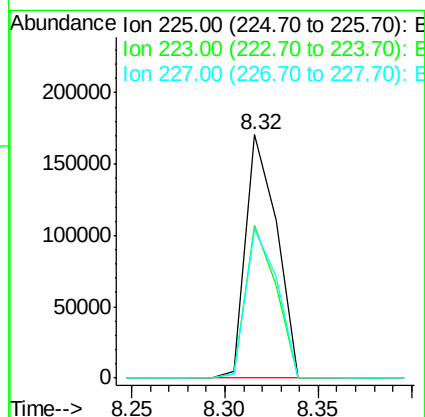
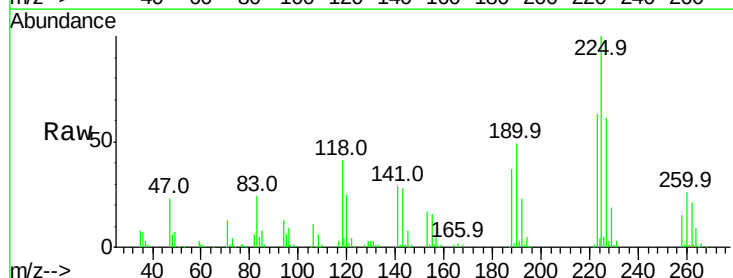
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

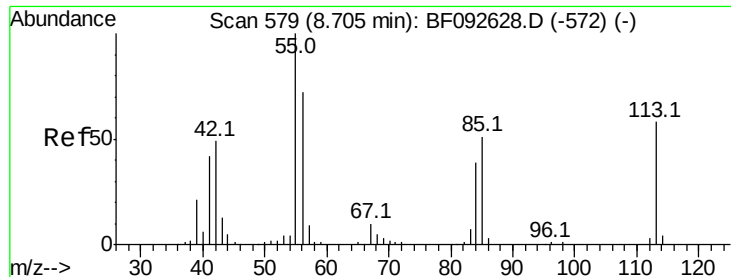
Tot Ion:	127	Resp:	499698
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	26.0	25.8	38.8
92	18.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.21 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:	225	Resp:	196302
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	61.1	50.6	76.0





#35

Caprolactam

Concen: 46.28 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

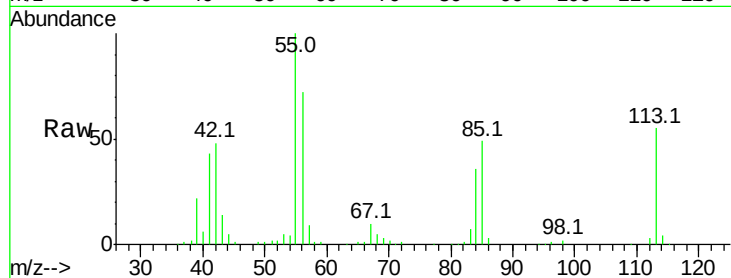
Tot Ion:113 Resp: 122935

Ion Ratio Lower Upper

113 100

55 182.8 119.2 159.2#

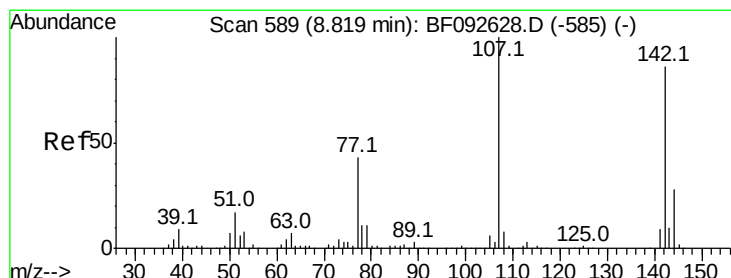
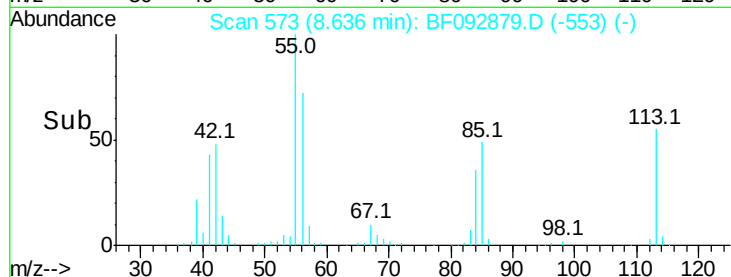
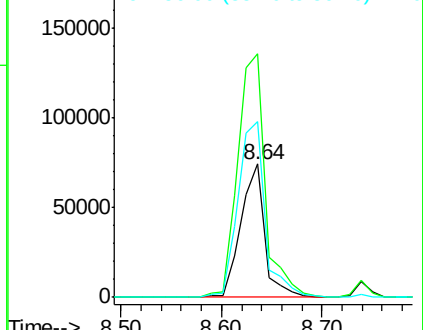
56 132.3 83.8 123.8#



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: 39.03 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

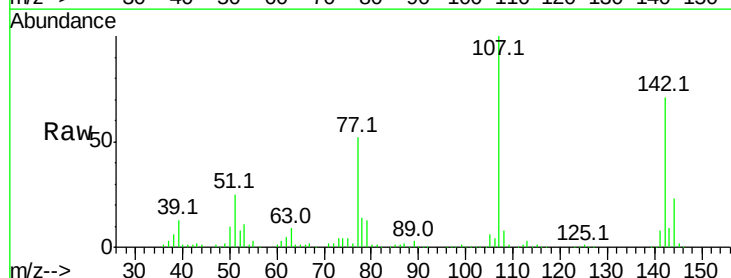
Tgt Ion:107 Resp: 343650

Ion Ratio Lower Upper

107 100

144 23.2 19.3 28.9

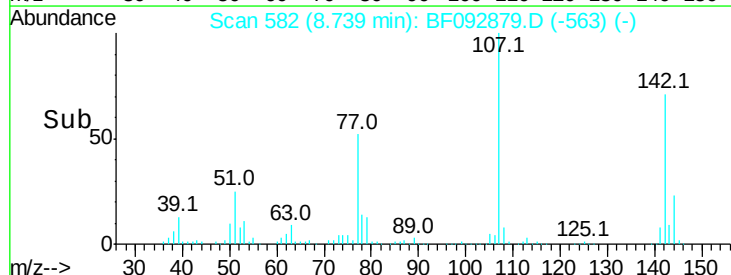
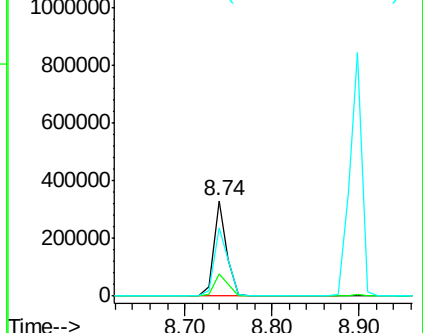
142 71.4 59.0 88.6

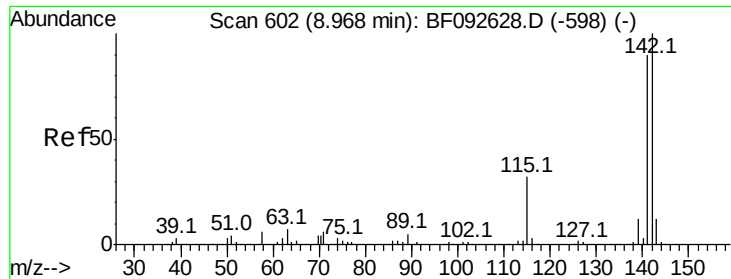


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

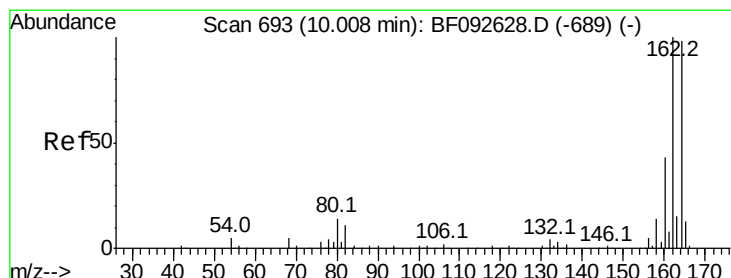
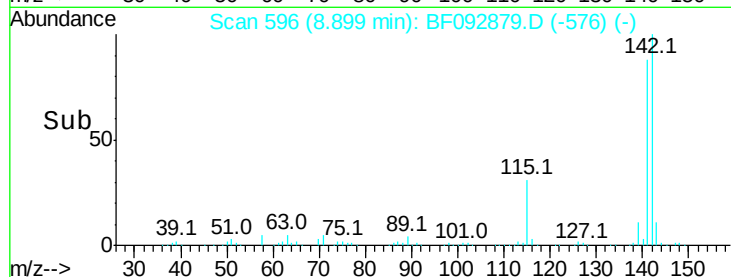
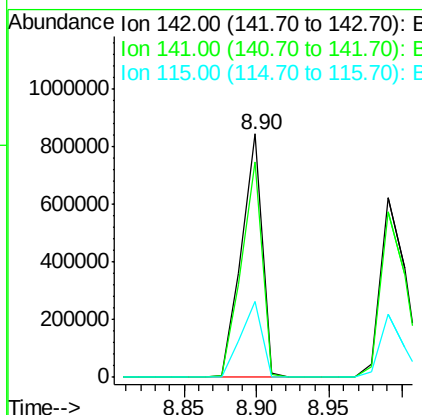
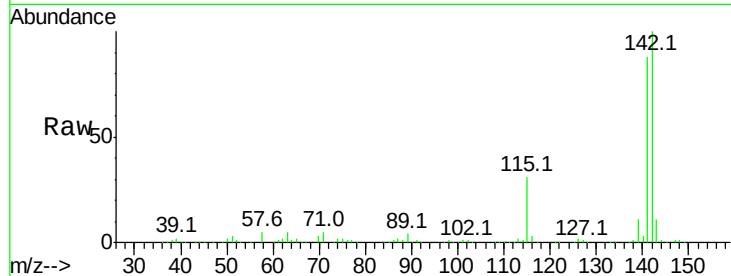




#37
 2-Methylnaphthalene
 Concen: 44.00 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

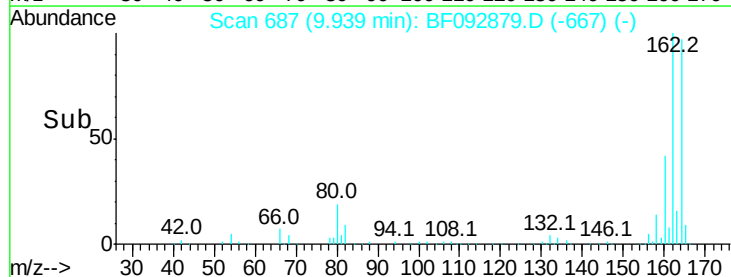
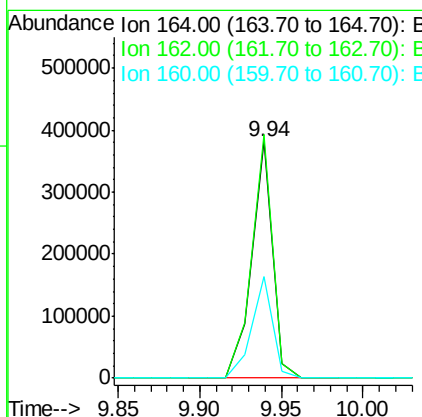
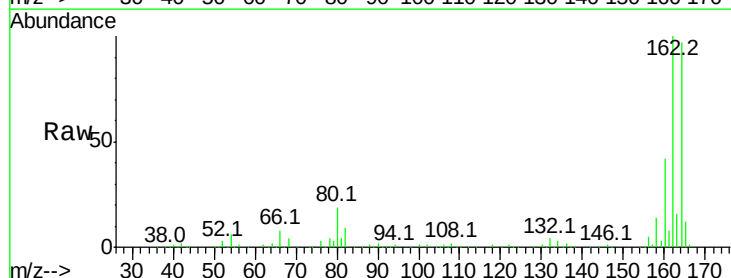
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

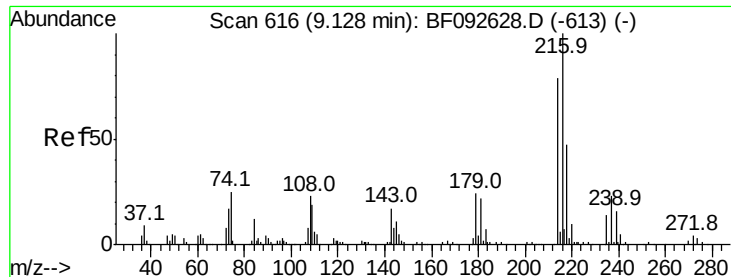
Tot Ion:142 Resp: 842393
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 31.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:164 Resp: 338795
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 43.0 36.9 55.3

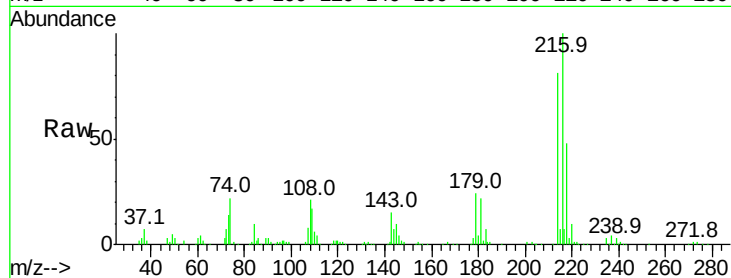




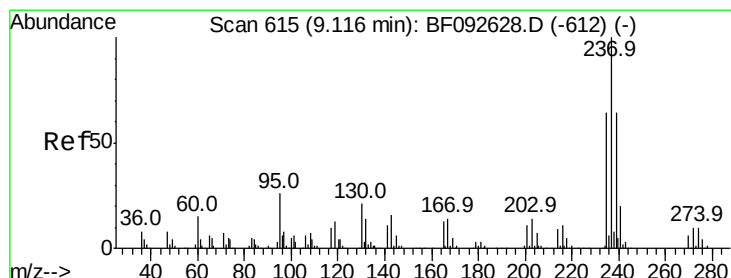
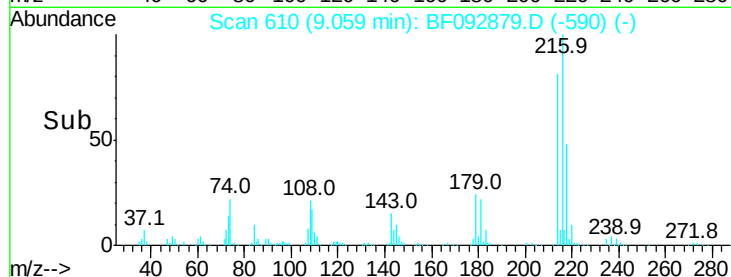
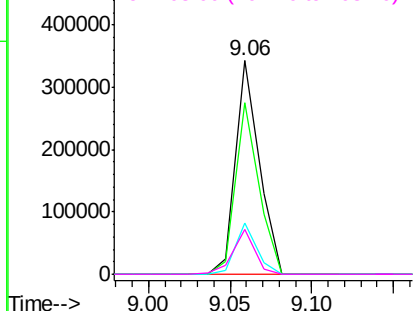
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.03 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	342638
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	21.7	17.4	26.2
108	19.0	15.6	23.4

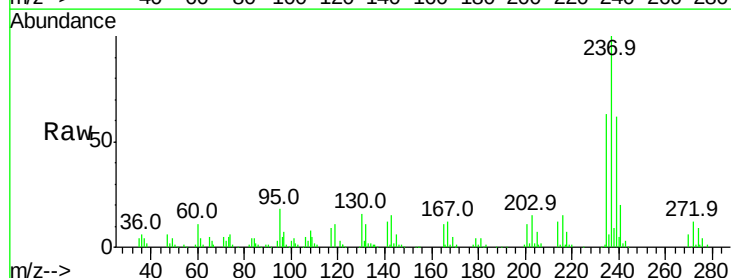


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

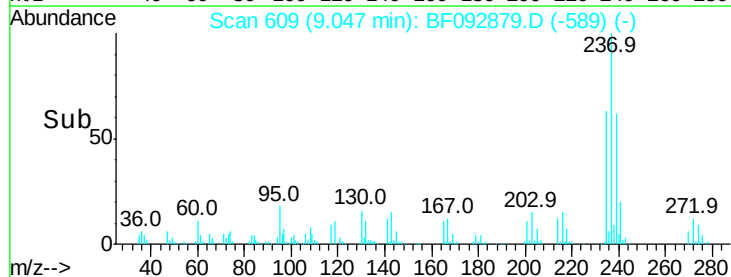
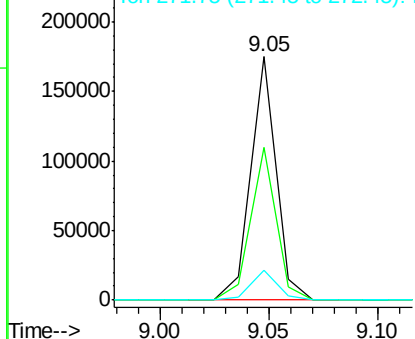


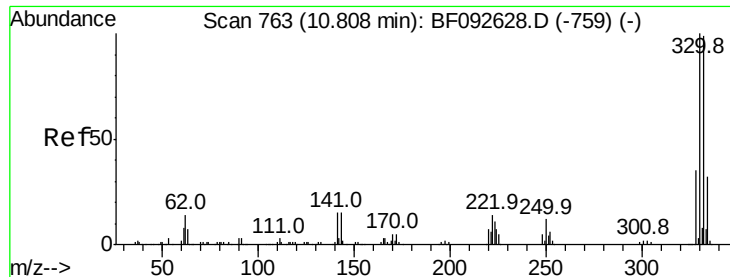
#40
 Hexachlorocyclopentadiene
 Concen: 33.08 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:	237	Resp:	141935
Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.2	81.2
272	12.4	0.0	35.4



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

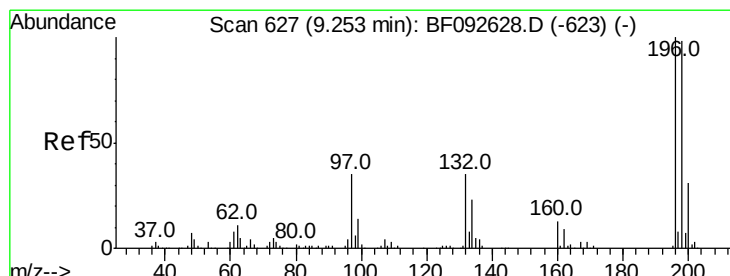
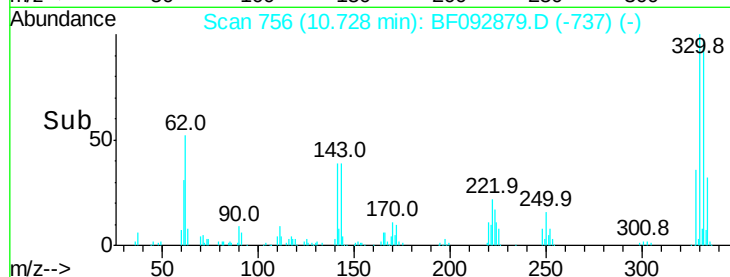
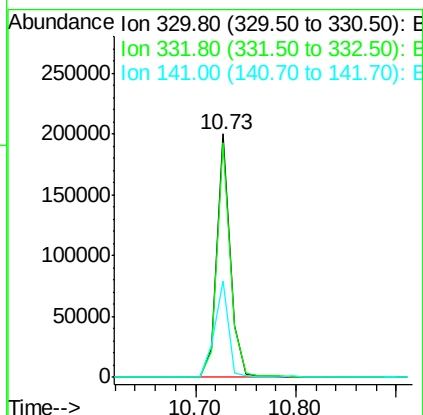
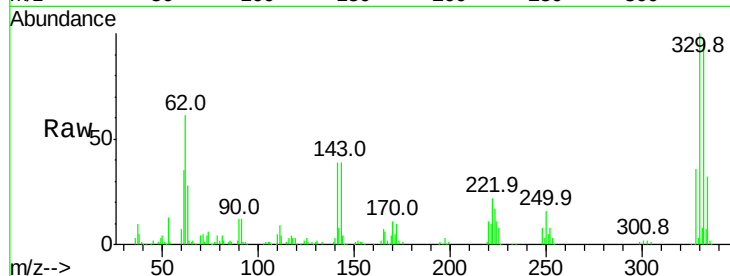




#41
 2,4,6-Tribromophenol
 Concen: 76.50 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

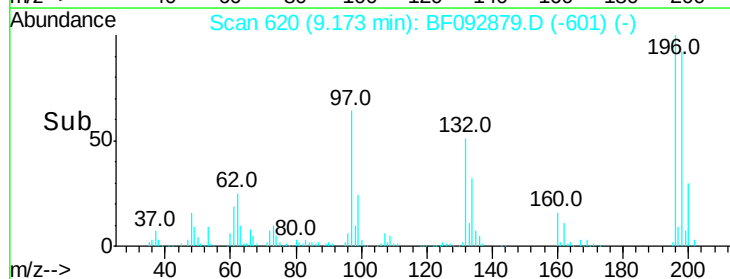
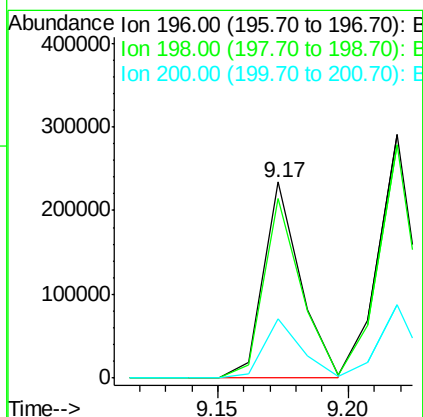
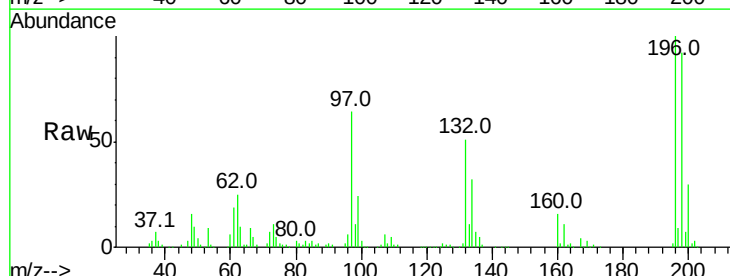
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

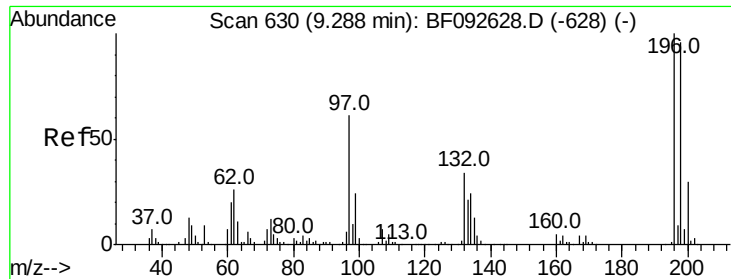
Tot Ion:330 Resp: 187460
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 41.0 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 36.97 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:196 Resp: 231008
 Ion Ratio Lower Upper
 196 100
 198 91.7 82.1 123.1
 200 30.0 27.0 40.4

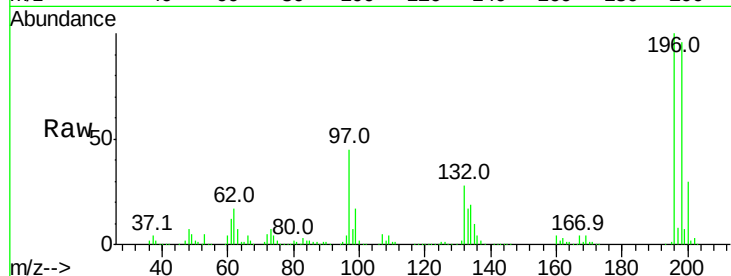




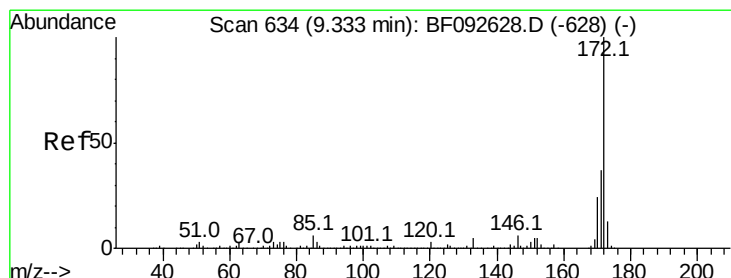
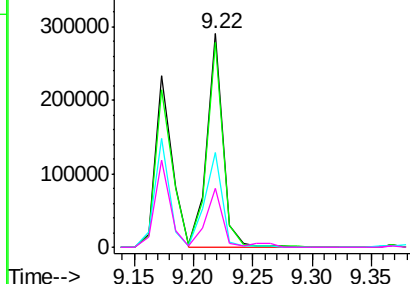
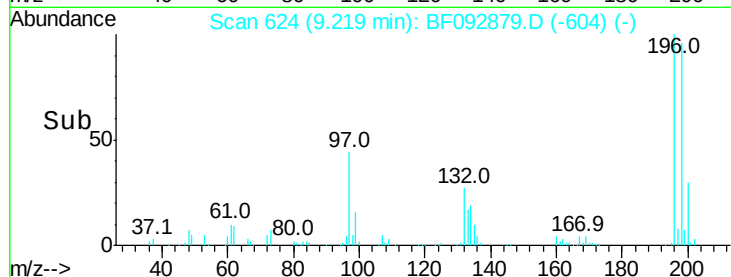
#43
 2,4,5-Trichlorophenol
 Concen: 39.84 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	272768
Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.2
97	44.6	51.5	77.3#
132	27.6	27.4	41.2

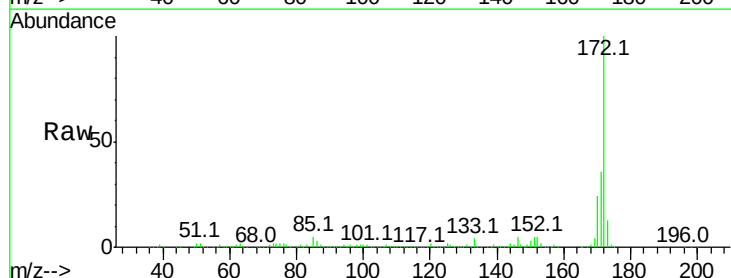


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

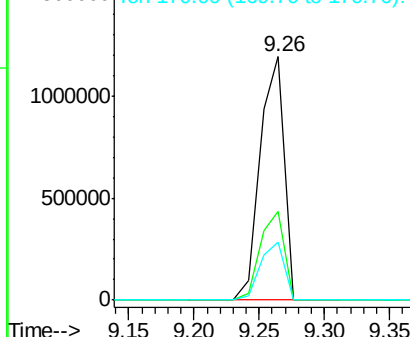
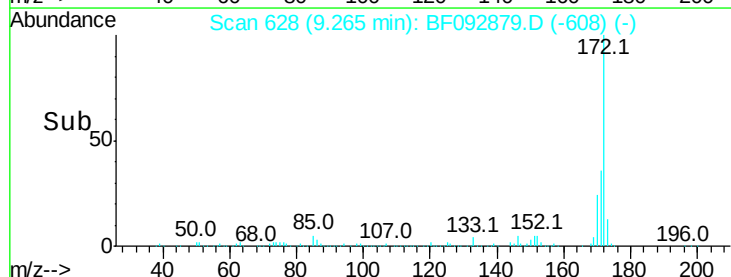


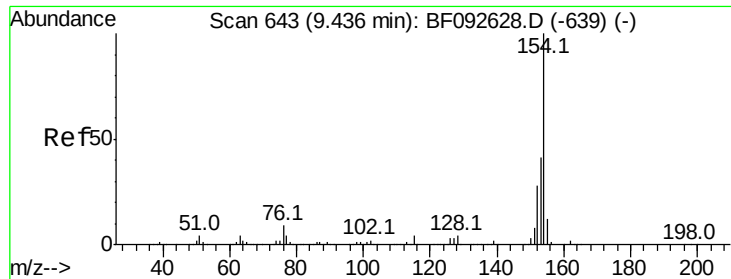
#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:	172	Resp:	1529619
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.0	20.2	30.4



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: 36.66 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

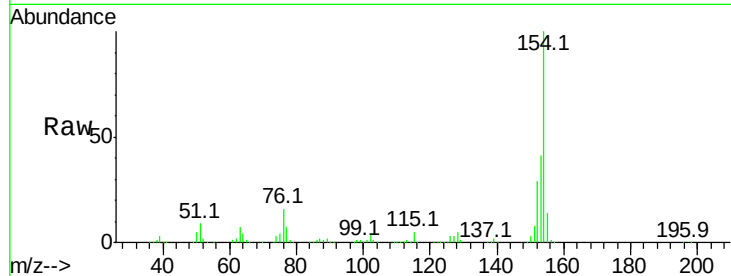
Tot Ion:154 Resp: 899398

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

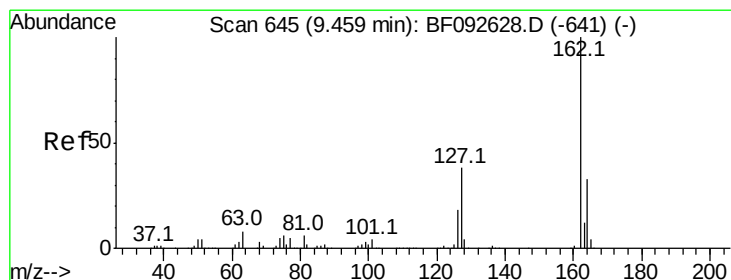
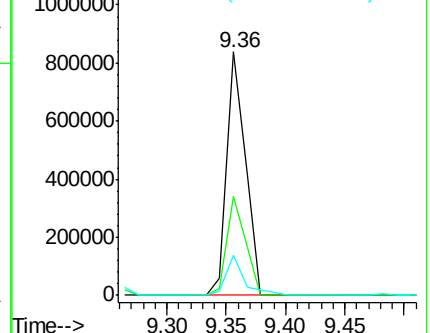
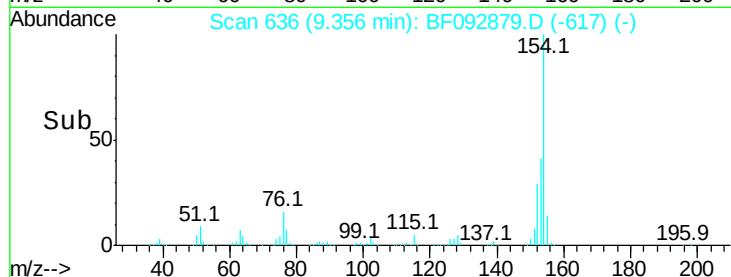
76 16.3 0.0 30.5



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: 39.50 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

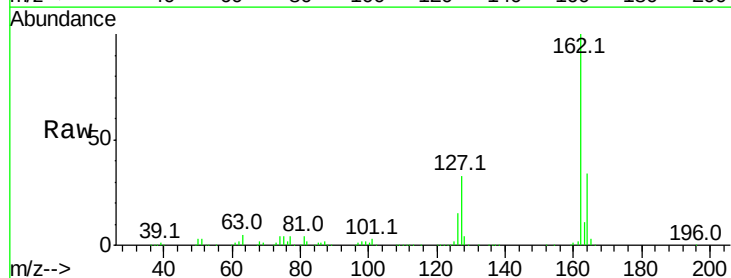
Tgt Ion:162 Resp: 758127

Ion Ratio Lower Upper

162 100

127 33.1 30.7 46.1

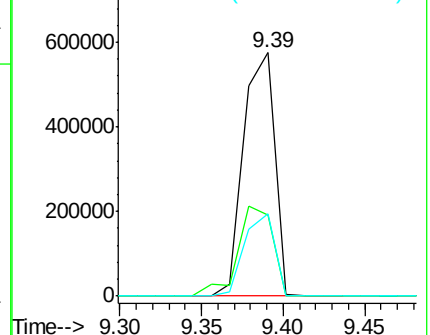
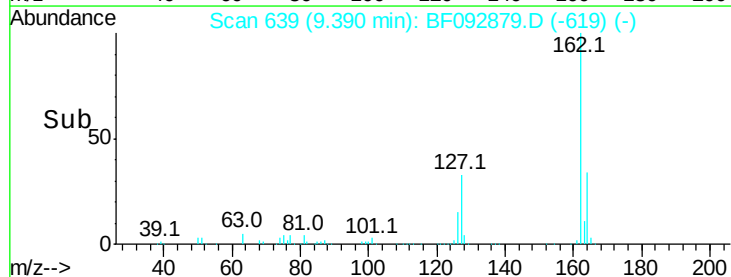
164 33.6 27.6 41.4

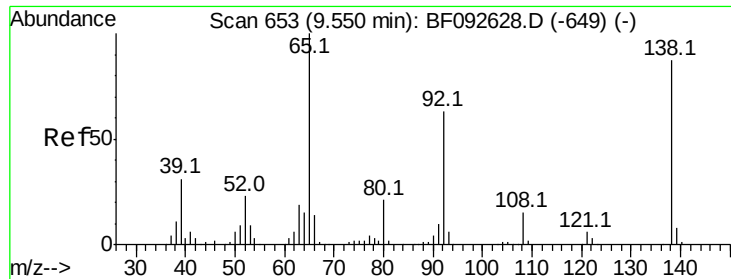


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

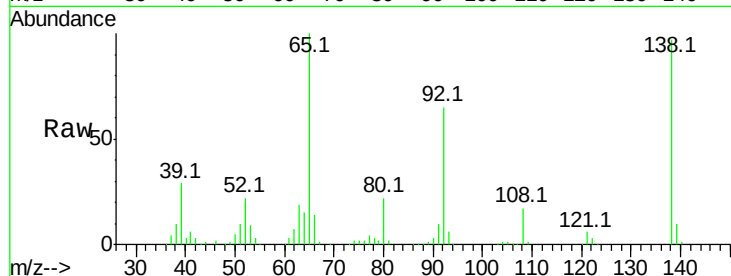




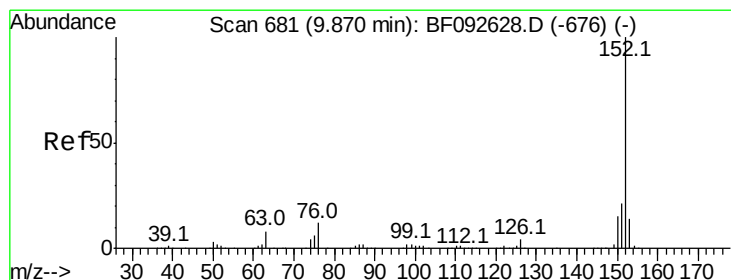
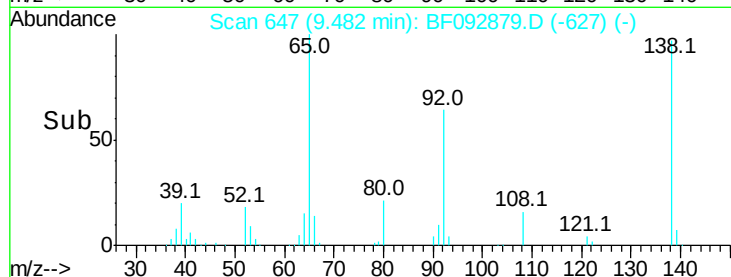
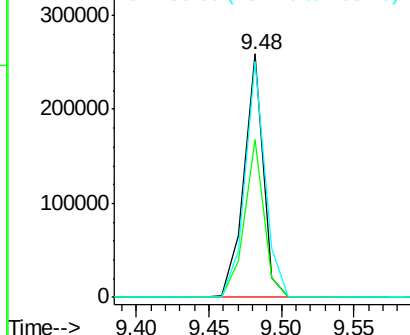
#47
 2-Nitroaniline
 Concen: 37.13 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 65 Resp: 239609
 Ion Ratio Lower Upper
 65 100
 92 65.0 53.9 80.9
 138 96.9 76.8 115.2

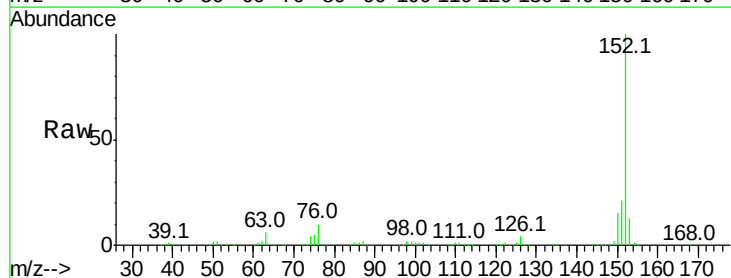


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

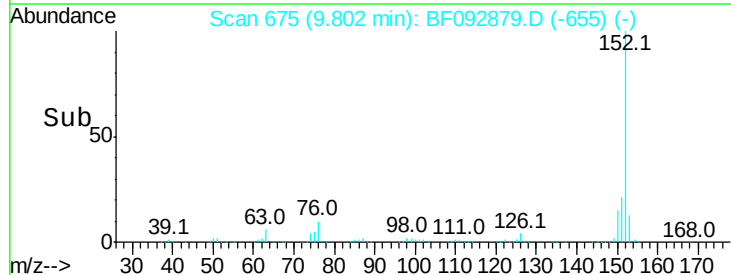
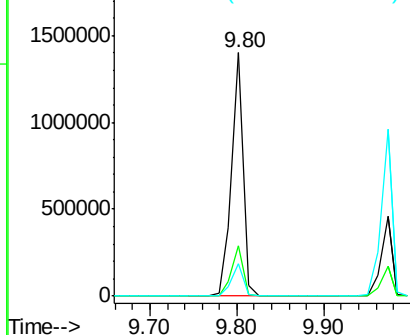


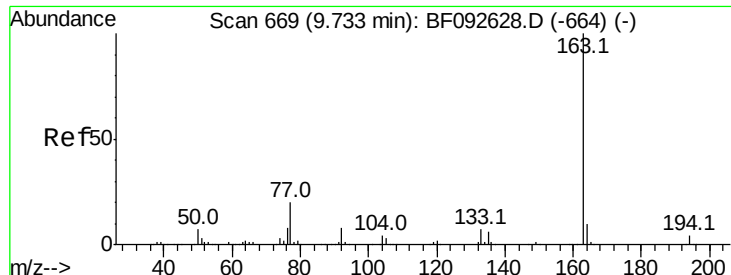
#48
 Acenaphthylene
 Concen: 38.73 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion: 152 Resp: 1284016
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.9 25.3
 153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.79 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

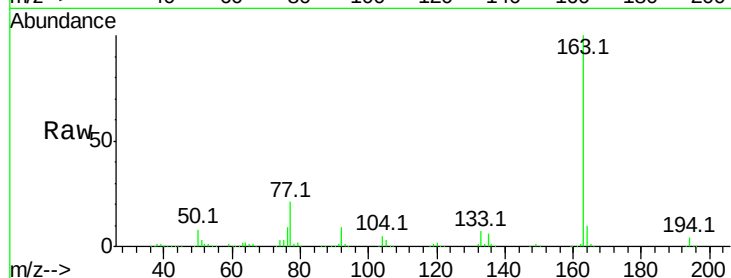
Tot Ion:163 Resp: 885103

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

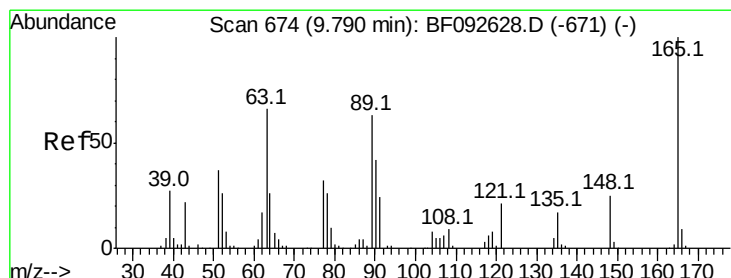
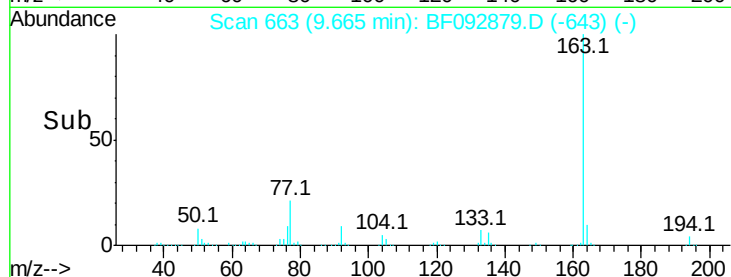
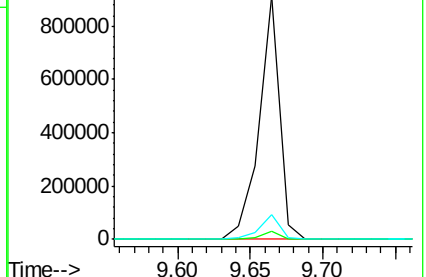
164 10.4 8.0 12.0



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: 40.11 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

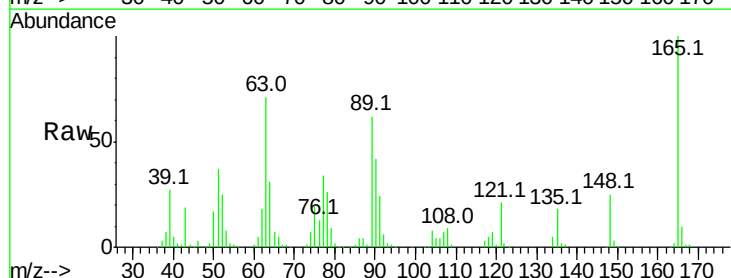
Tgt Ion:165 Resp: 197679

Ion Ratio Lower Upper

165 100

63 70.5 36.2 54.4#

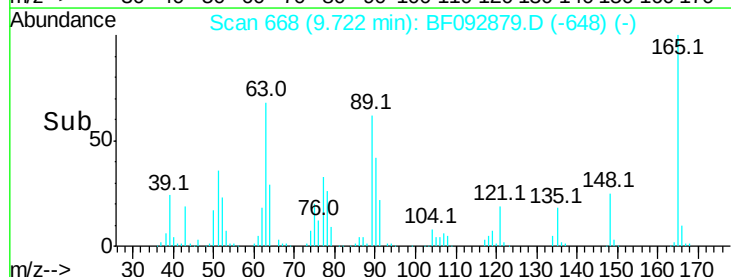
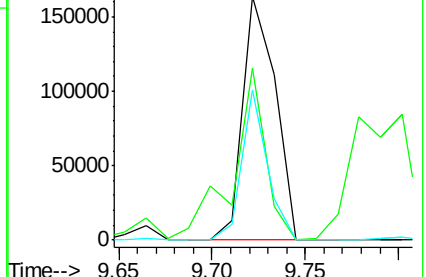
89 61.8 40.2 60.4#

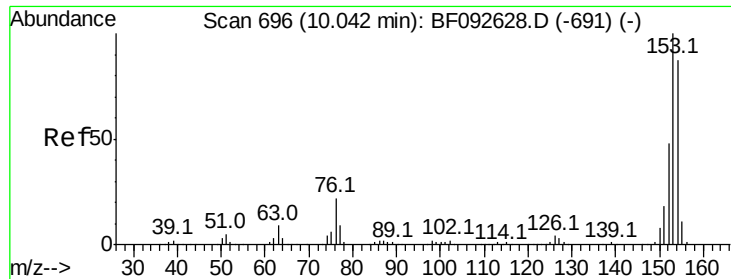


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.80 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

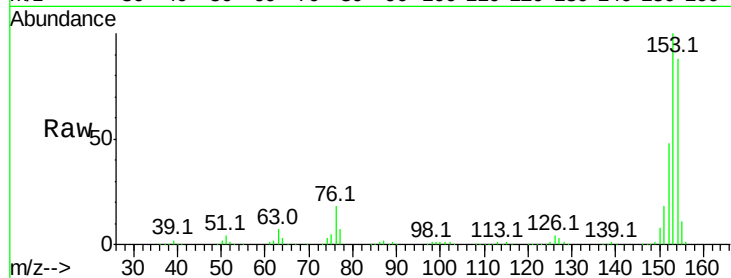
Tot Ion:154 Resp: 788846

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

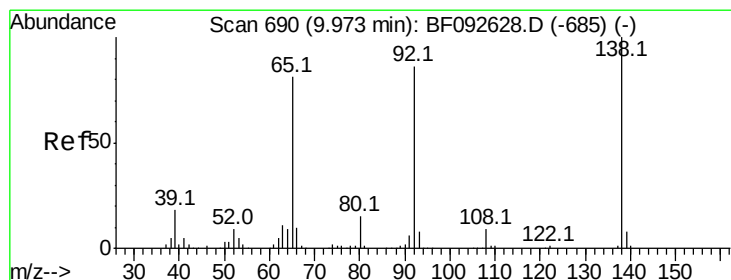
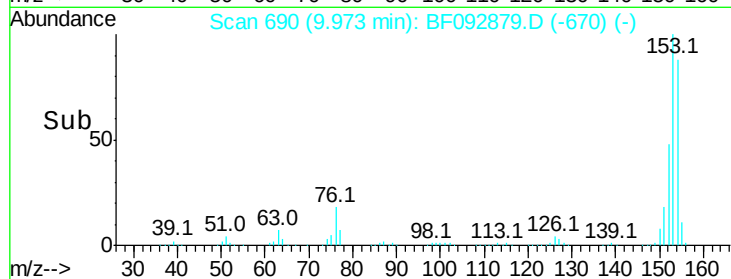
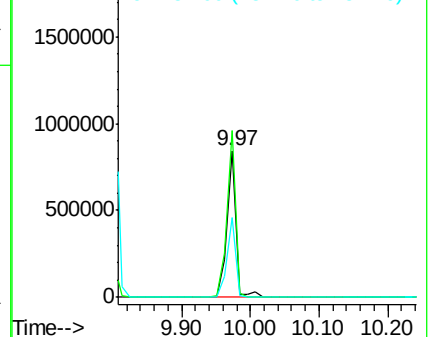
152 54.1 41.6 62.4



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: 37.02 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

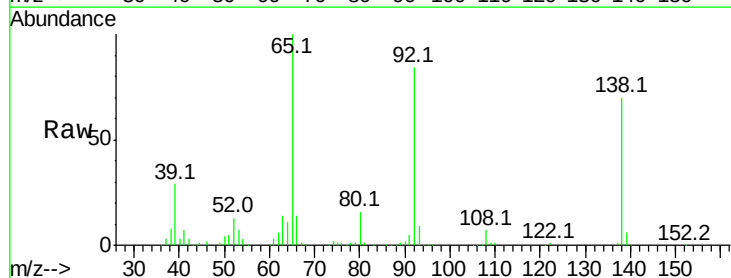
Tgt Ion:138 Resp: 208792

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

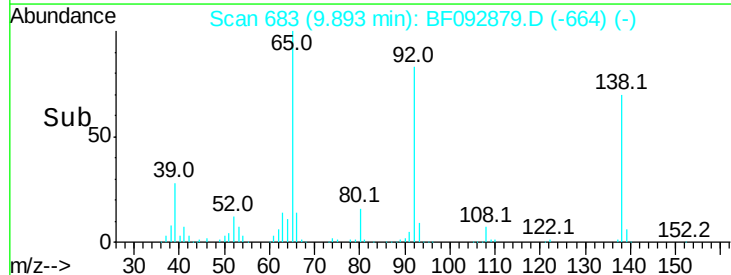
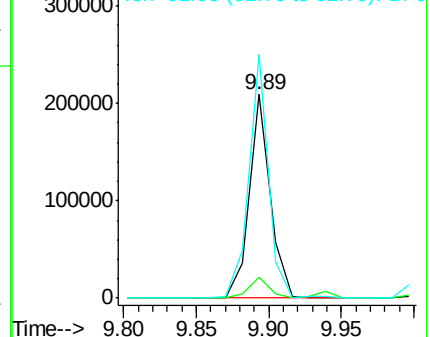
92 119.7 97.8 146.8

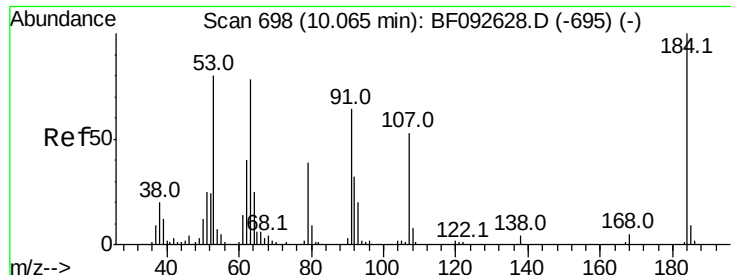


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

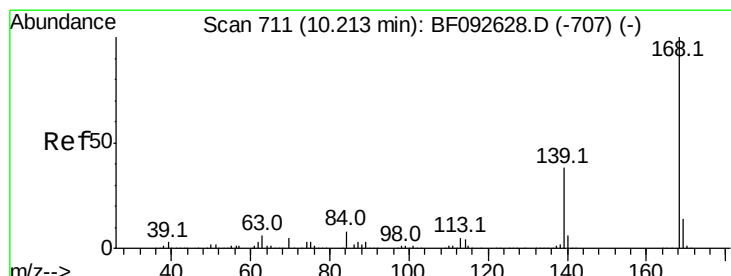
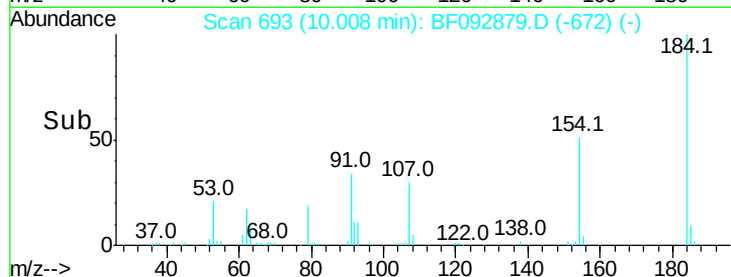
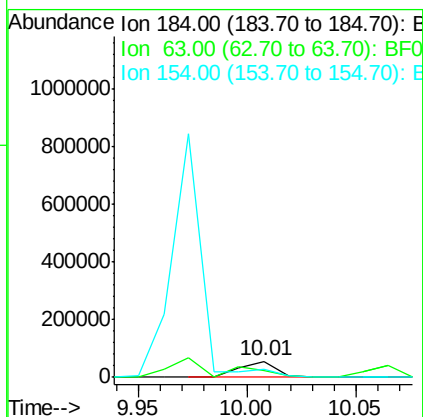
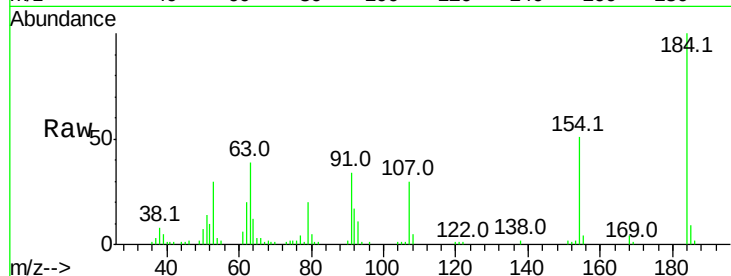




#53
2,4-Dinitrophenol
Concen: 30.02 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

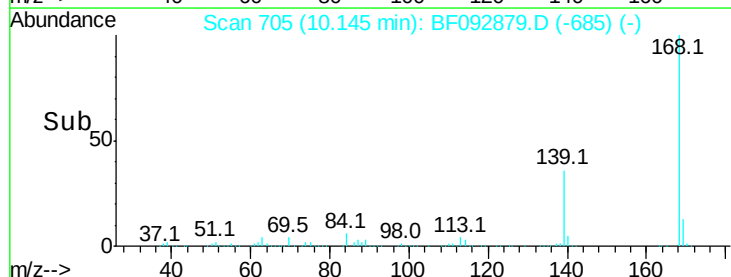
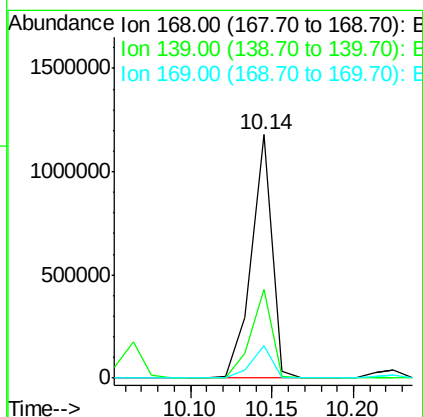
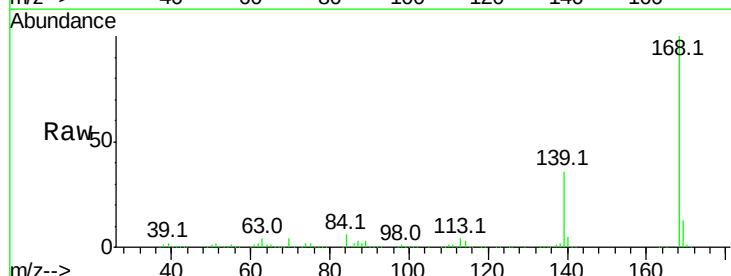
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

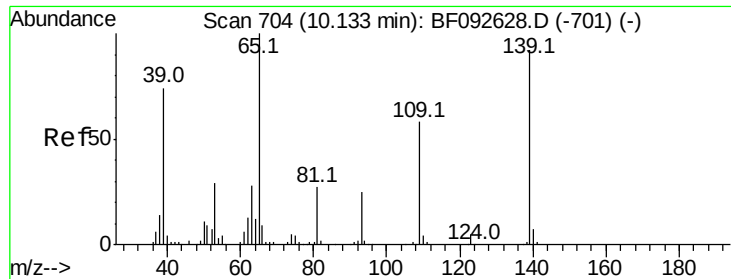
Tot Ion:184 Resp: 67369
Ion Ratio Lower Upper
184 100
63 38.9 28.4 42.6
154 50.9 44.3 66.5



#54
Dibenzofuran
Concen: 39.14 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:168 Resp: 1037672
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.5 11.3 16.9





#55

4-Nitrophenol

Concen: 41.58 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

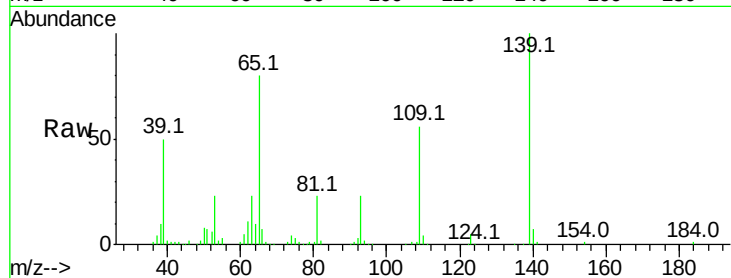
Tot Ion:139 Resp: 168899

Ion Ratio Lower Upper

139 100

109 56.5 52.2 92.2

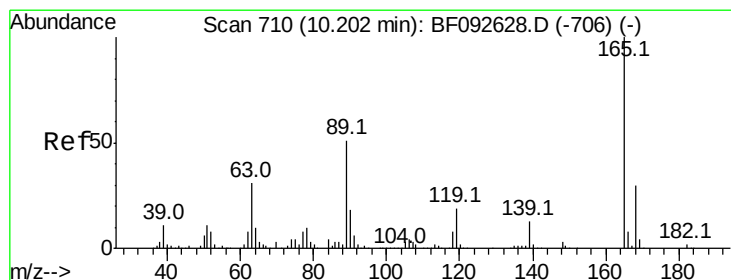
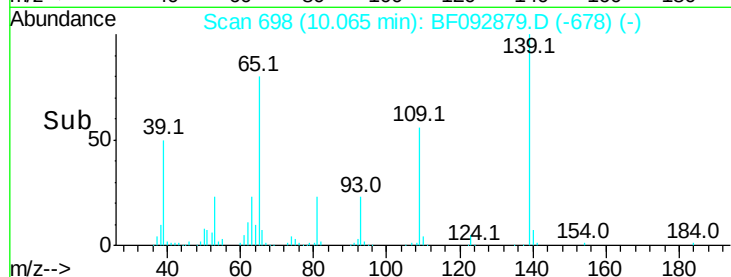
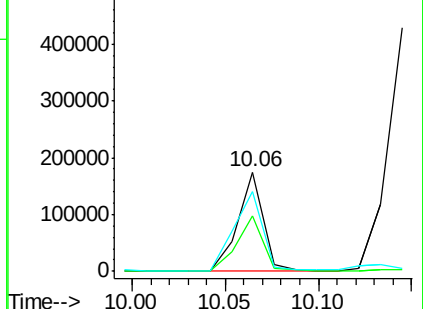
65 79.9 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.40 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:165 Resp: 291315

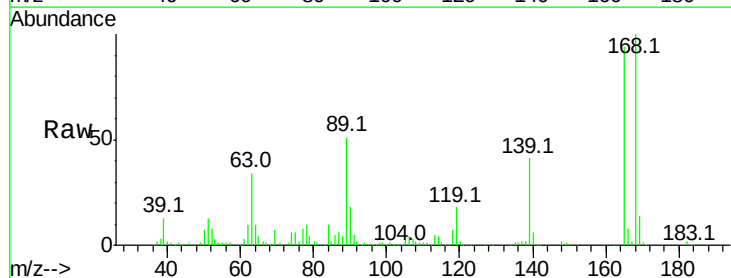
Ion Ratio Lower Upper

165 100

63 36.1 40.2 60.4#

89 54.7 62.5 93.7#

182 2.3 1.8 2.8

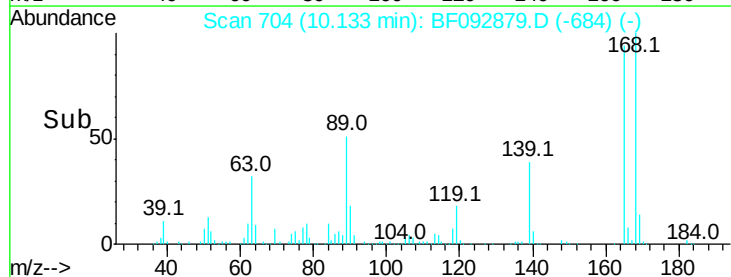
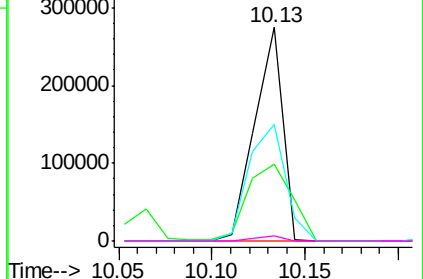


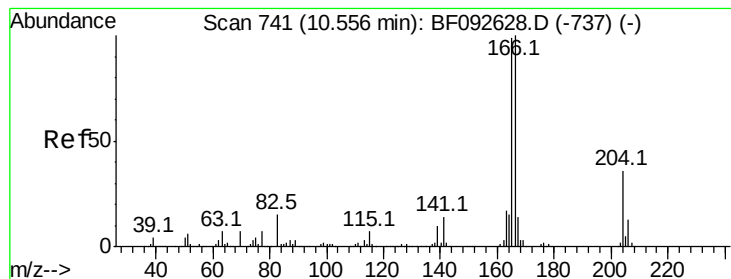
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.81 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

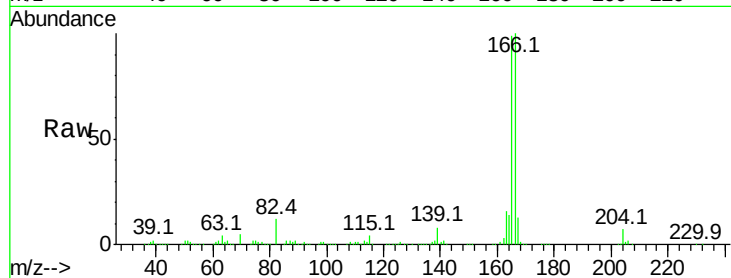
Tot Ion:166 Resp: 852753

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

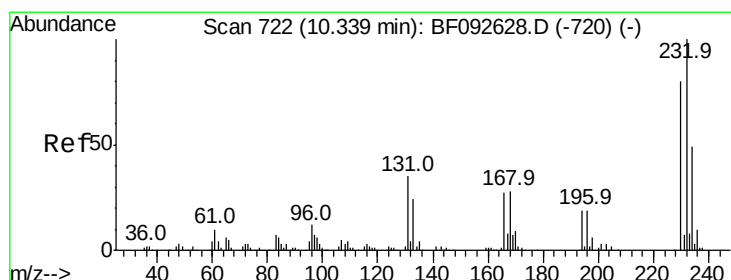
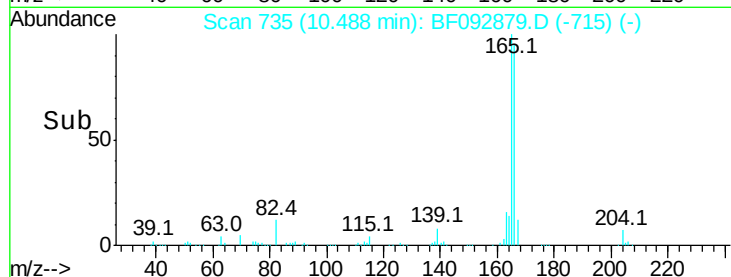
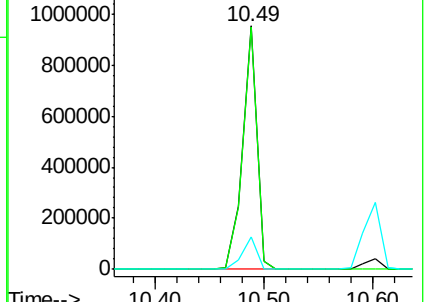
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.20 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:232 Resp: 179057

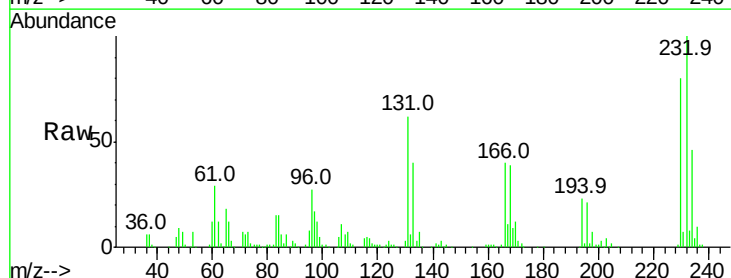
Ion Ratio Lower Upper

232 100

131 49.1 40.1 60.1

130 2.1 1.8 2.8

166 32.0 26.6 39.8

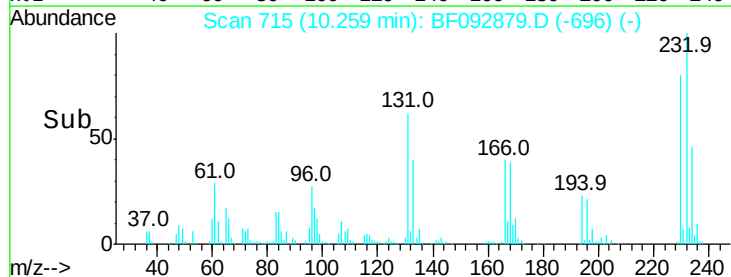
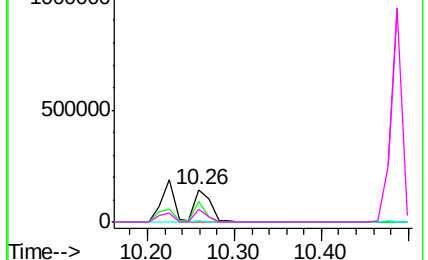


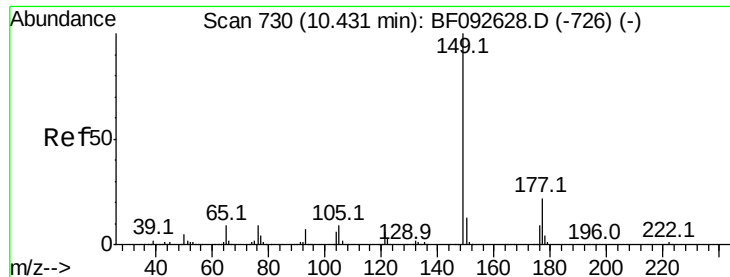
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.24 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

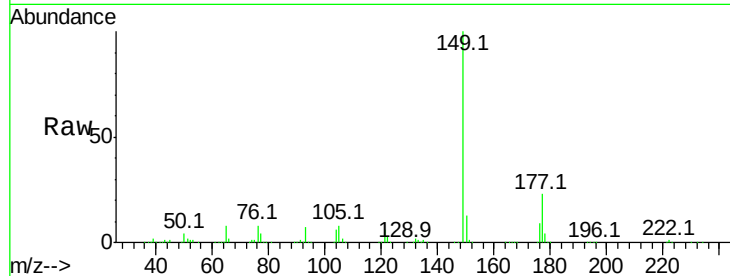
Tot Ion:149 Resp: 908491

Ion Ratio Lower Upper

149 100

177 22.7 16.6 25.0

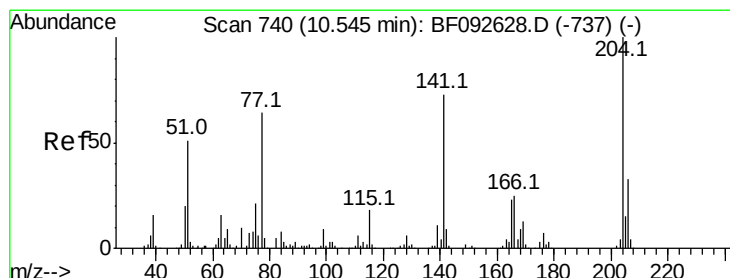
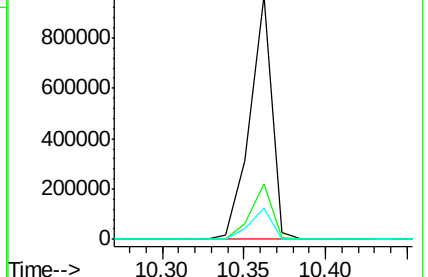
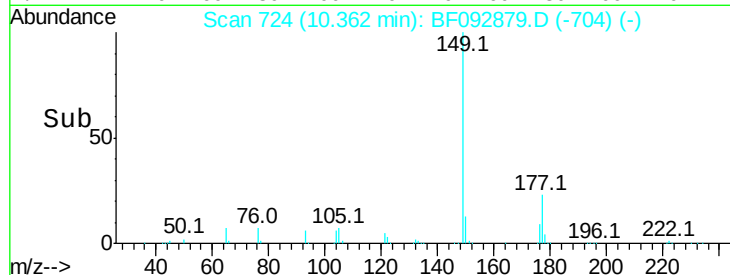
150 12.7 10.4 15.6



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: 36.41 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

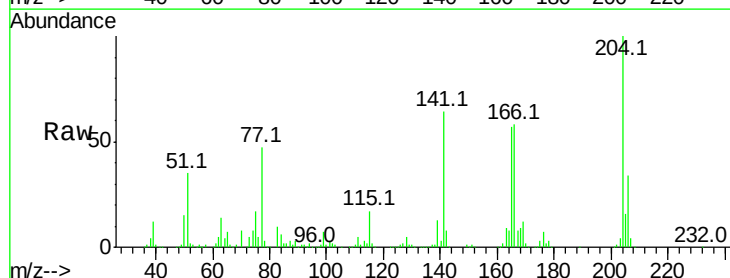
Tgt Ion:204 Resp: 356792

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

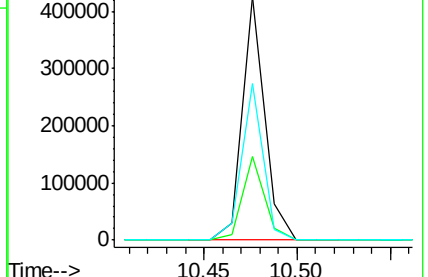
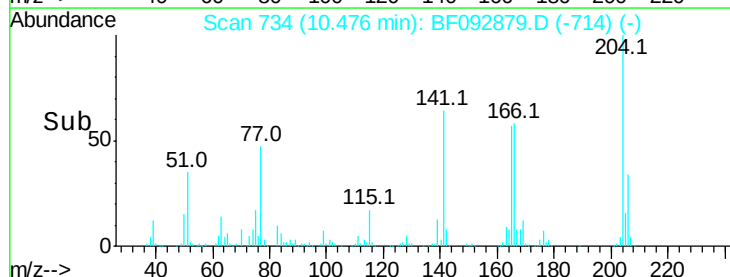
141 64.3 59.4 89.0

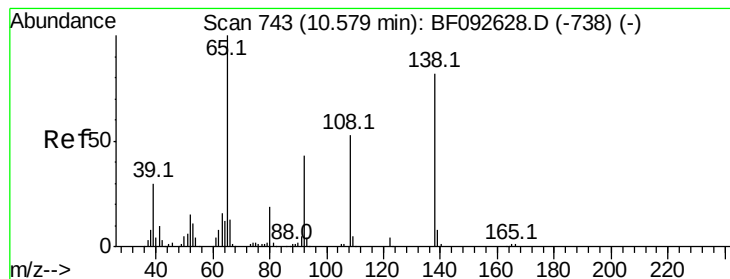


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.56 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

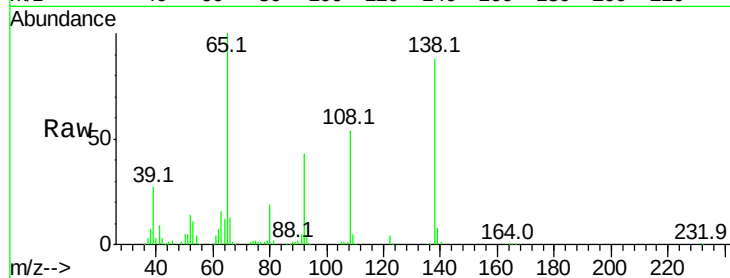
Tot Ion:138 Resp: 234304

Ion Ratio Lower Upper

138 100

92 48.6 31.7 71.7

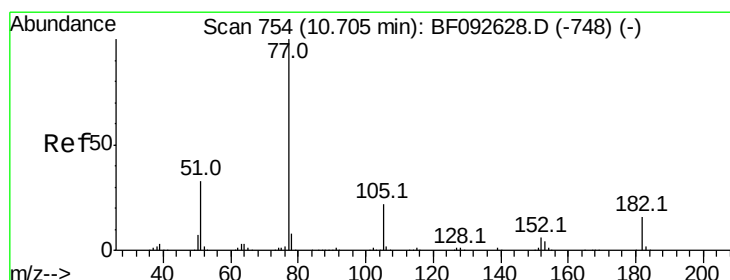
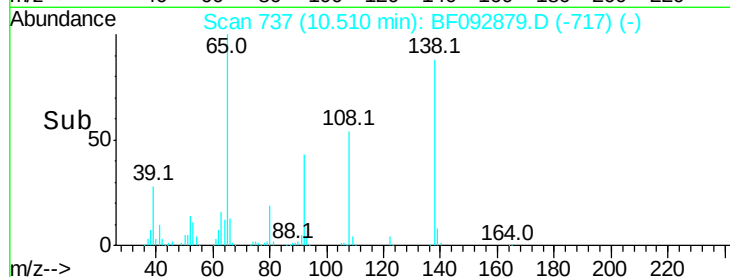
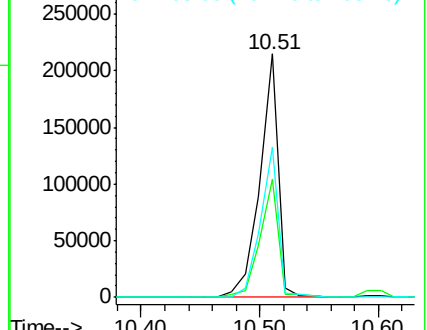
108 61.7 52.6 92.6



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: 39.29 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion: 77 Resp: 872994

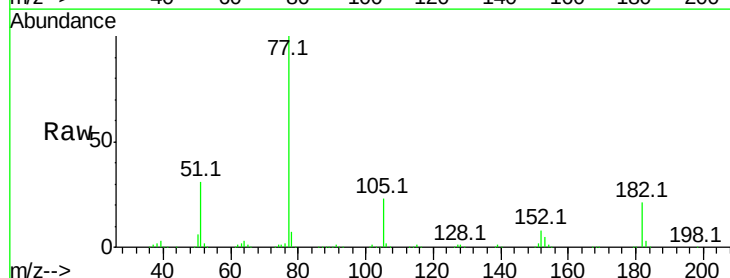
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 23.1 2.3 42.3

51 31.3 8.9 48.9

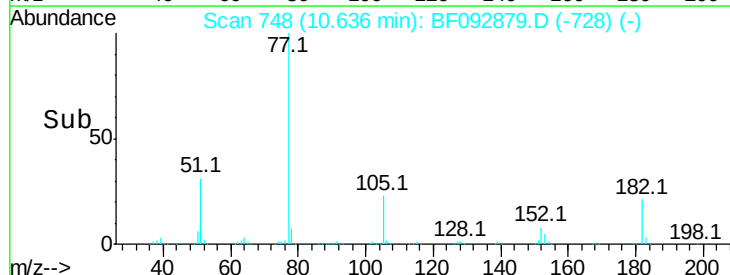
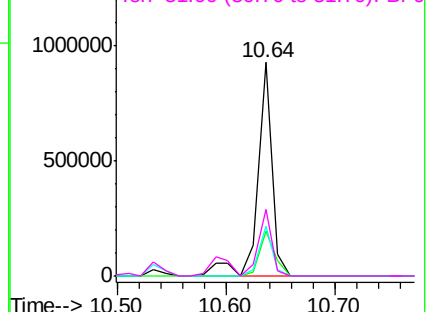


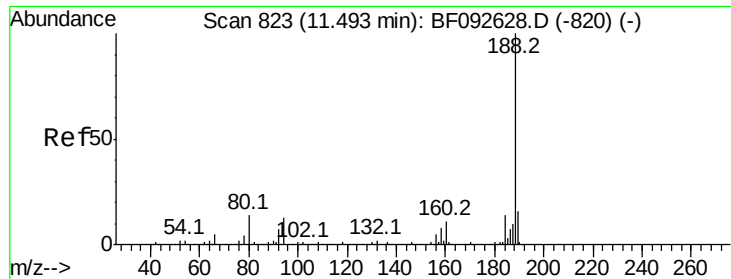
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

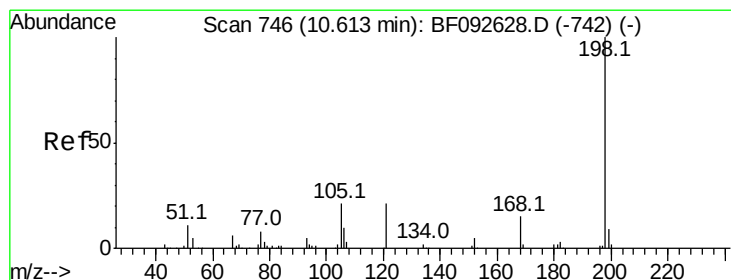
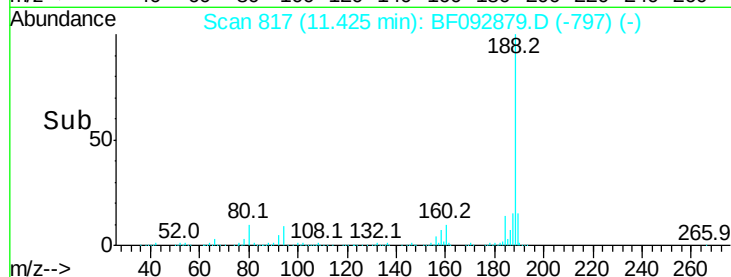
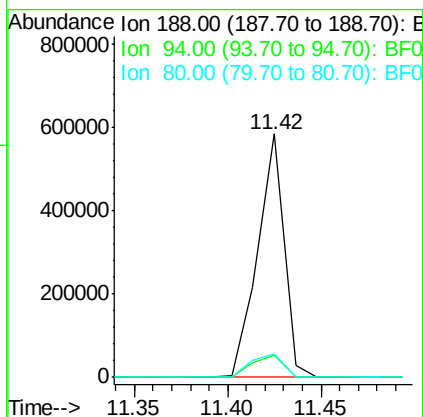
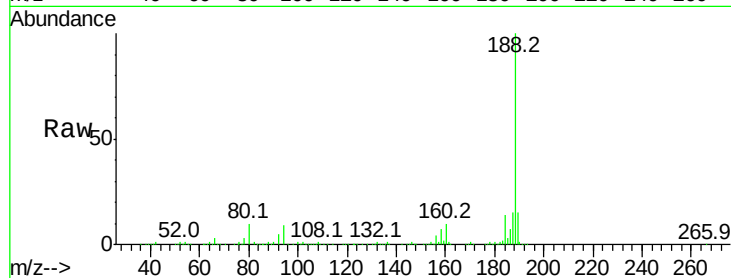




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

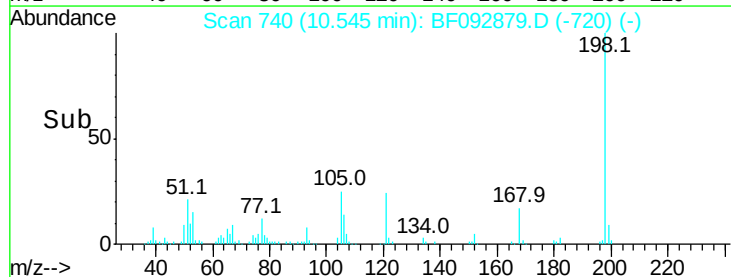
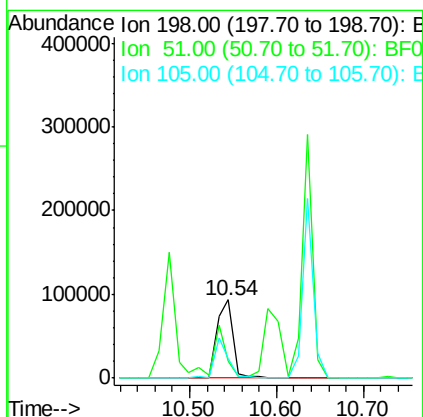
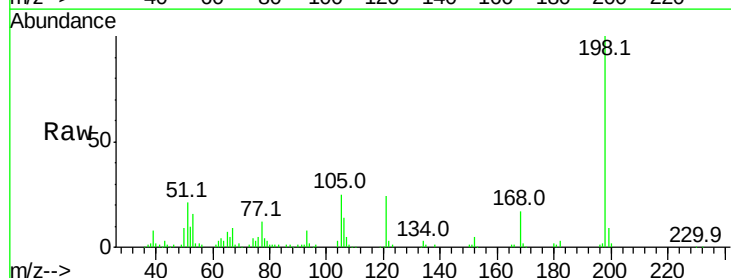
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

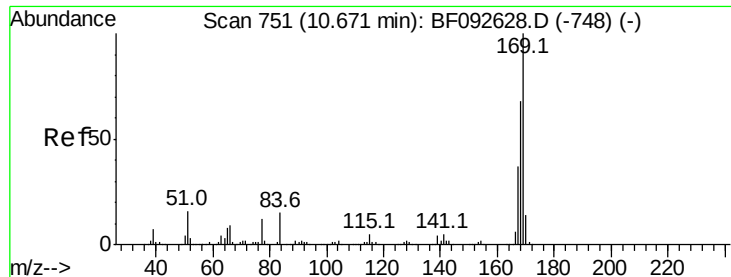
Tot Ion:188 Resp: 572261
Ion Ratio Lower Upper
188 100
94 9.0 10.0 15.0#
80 9.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.47 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:198 Resp: 124688
Ion Ratio Lower Upper
198 100
51 21.1 6.7 46.7
105 25.4 16.6 56.6

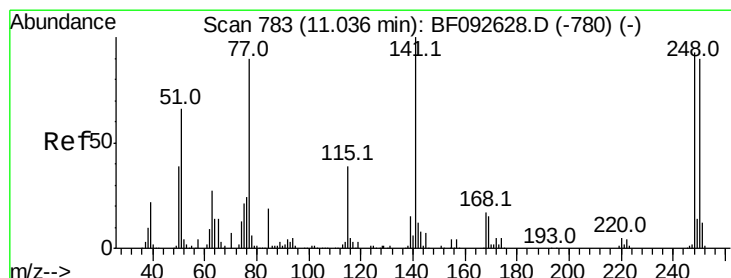
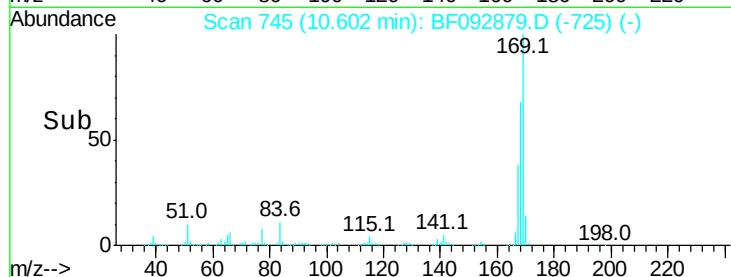
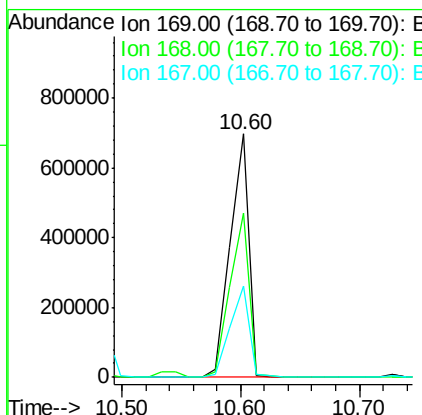
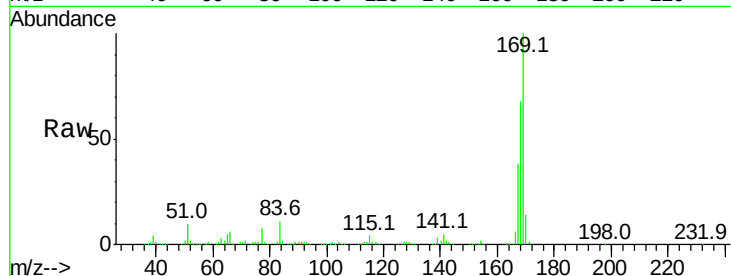




#65
n-Nitrosodiphenylamine
Concen: 41.35 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

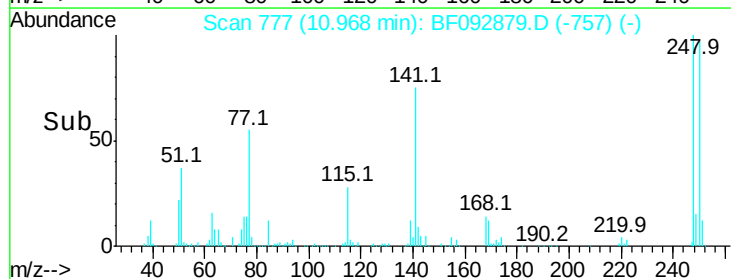
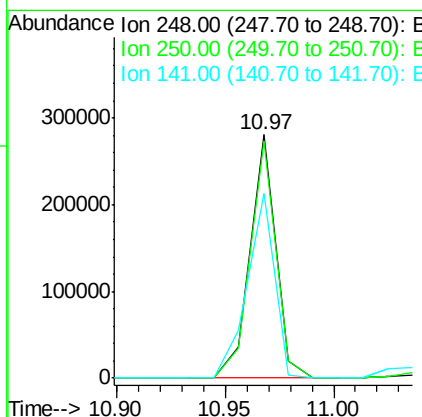
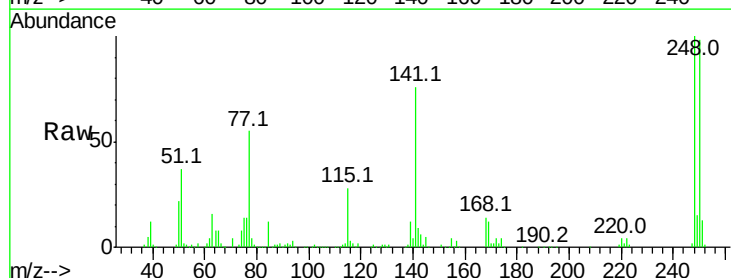
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

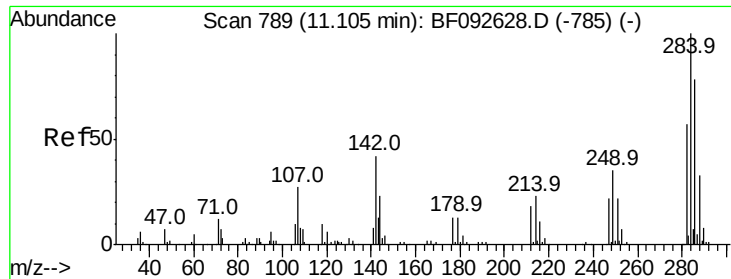
Tot Ion:169 Resp: 755827
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.5 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 38.74 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:248 Resp: 231646
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 76.1 68.2 102.4

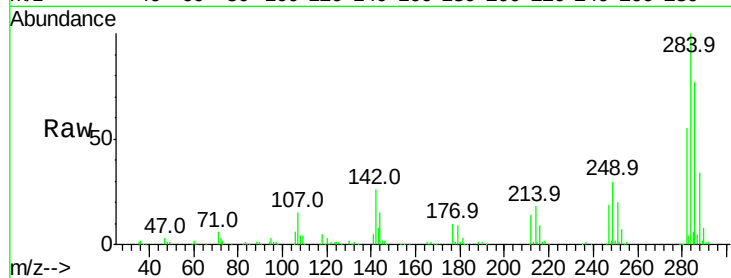




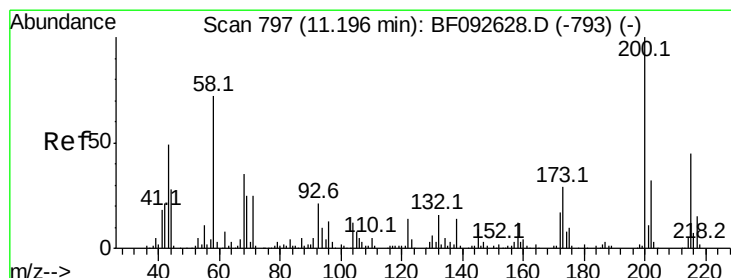
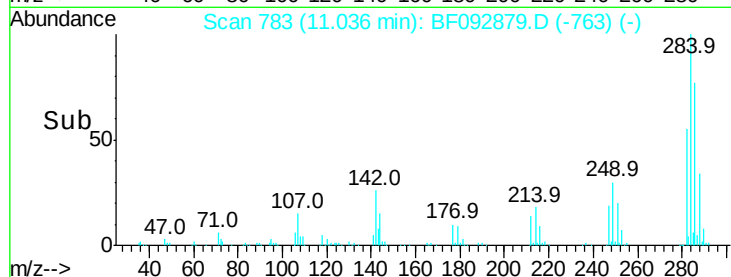
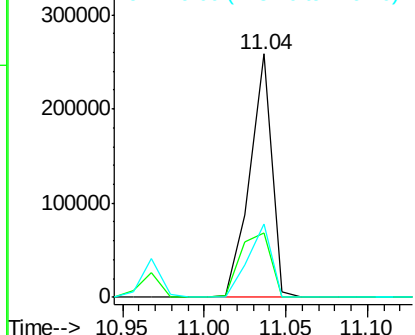
#67
Hexachlorobenzene
Concen: 41.00 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.4	22.6	33.8
249	30.3	25.4	38.0

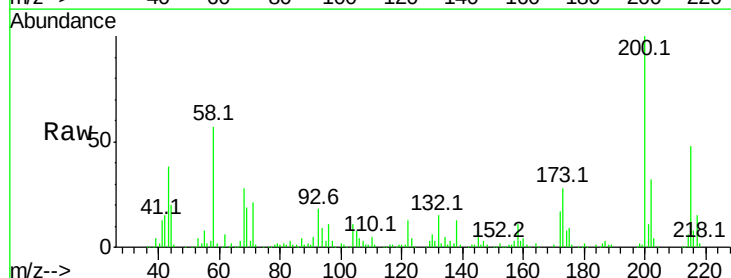


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

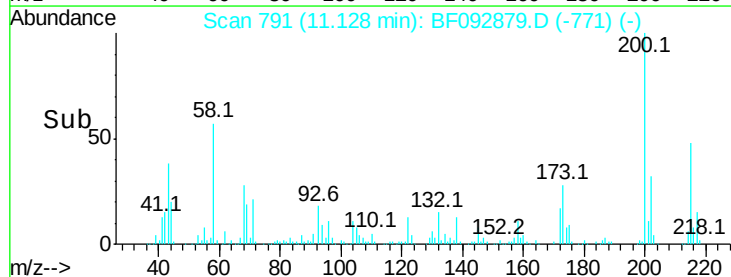
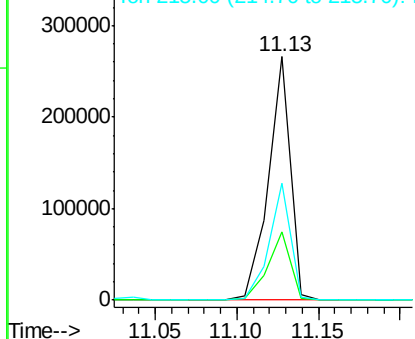


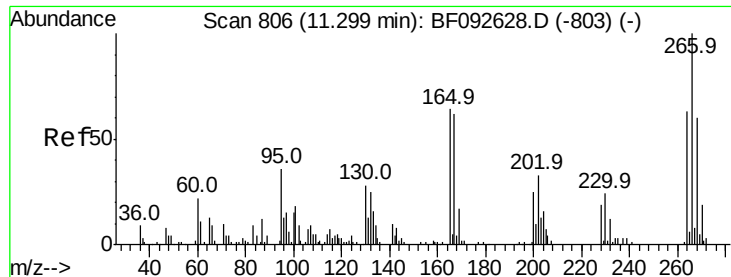
#68
Atrazine
Concen: 42.53 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.6	49.6
215	47.9	25.7	65.7



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

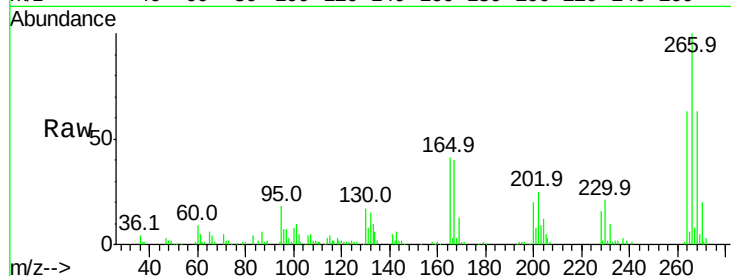




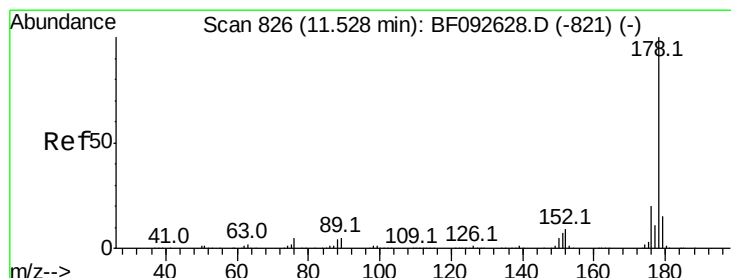
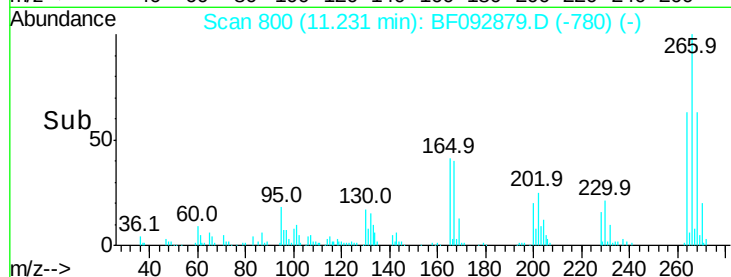
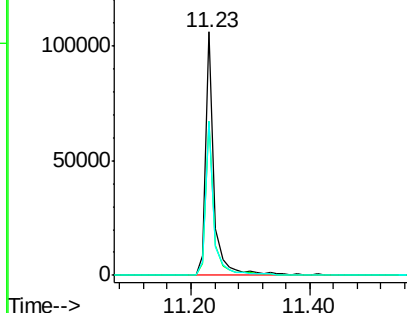
#69
 Pentachlorophenol
 Concen: 39.58 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 108516
 Ion Ratio Lower Upper
 266 100
 268 63.4 53.3 79.9
 264 63.2 50.3 75.5

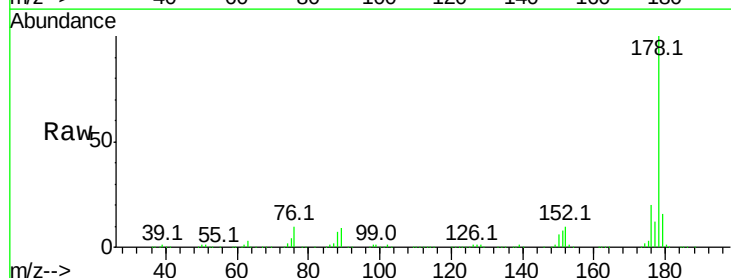


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

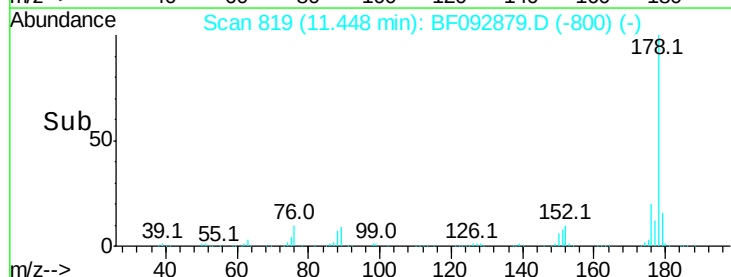
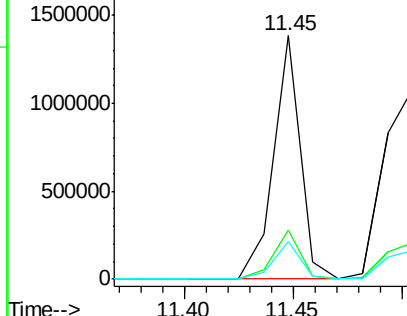


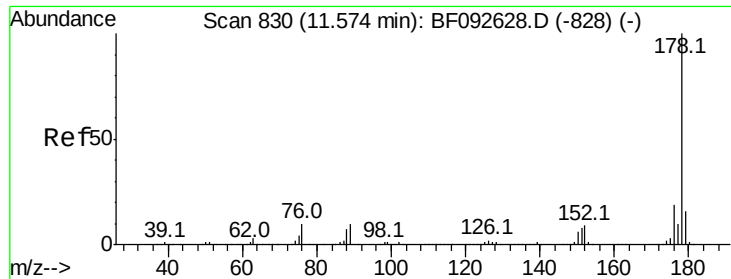
#70
 Phenanthrene
 Concen: 36.62 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:178 Resp: 1200610
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.6 12.8 19.2



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

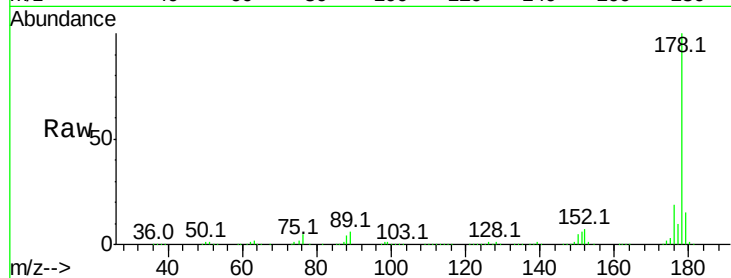




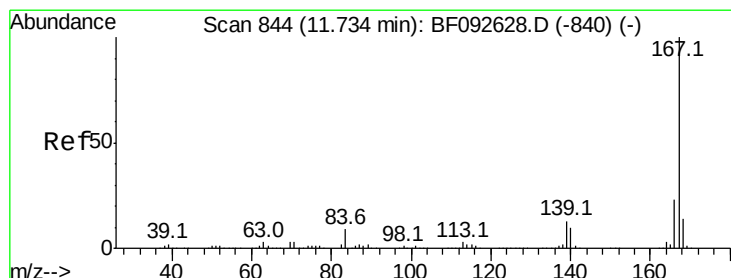
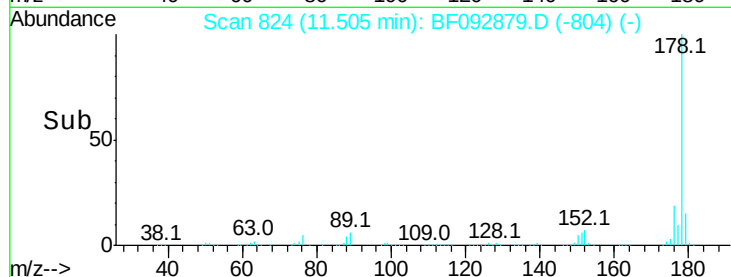
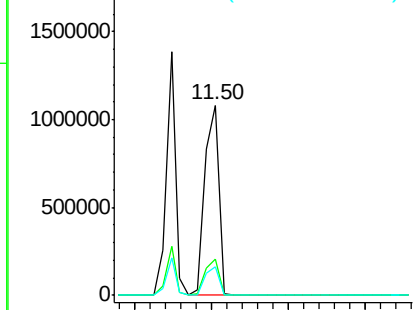
#71
 Anthracene
 Concen: 40.95 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1348146
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.2 13.2 19.8

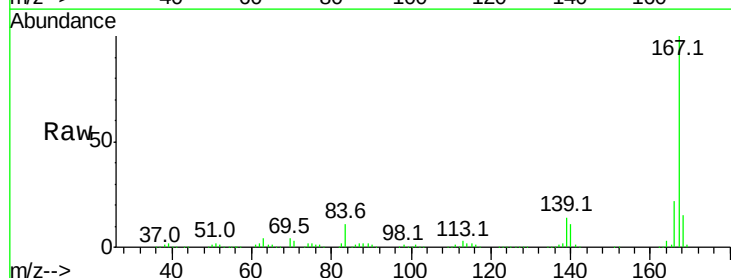


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

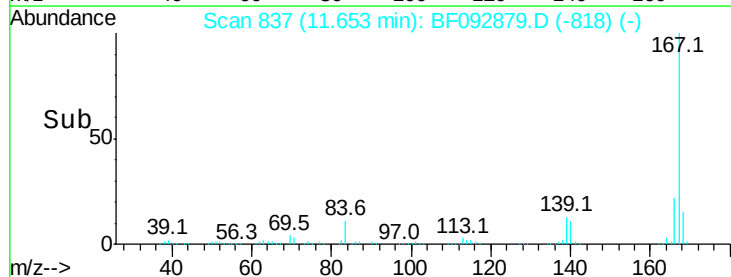
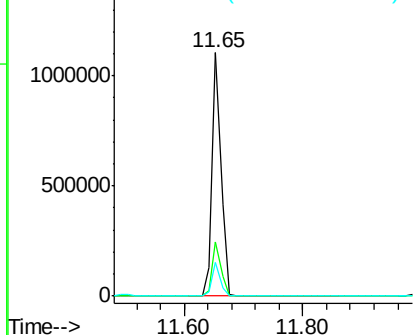


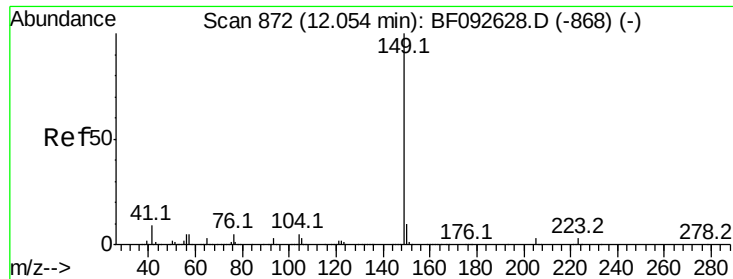
#72
 Carbazole
 Concen: 36.36 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:167 Resp: 1144329
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.8 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 43.79 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

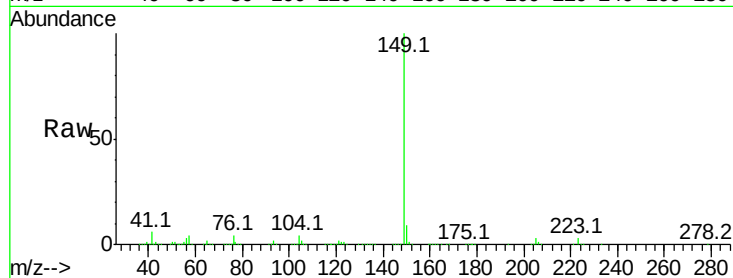
Tot Ion:149 Resp: 1490574

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

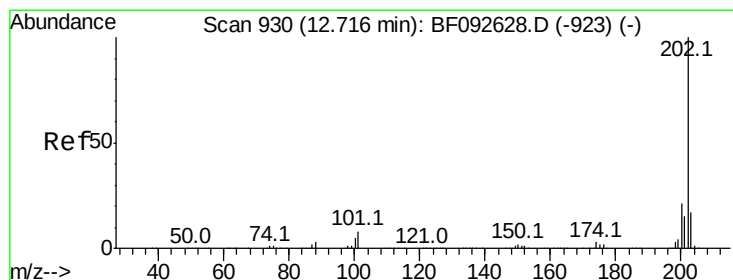
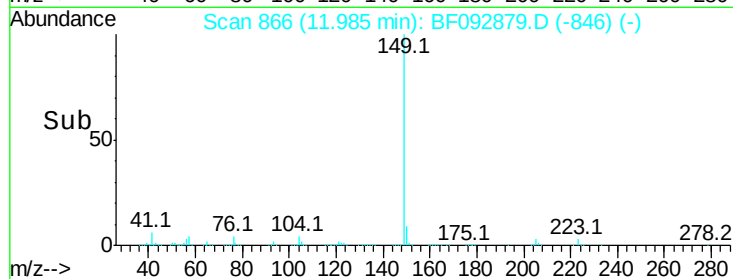
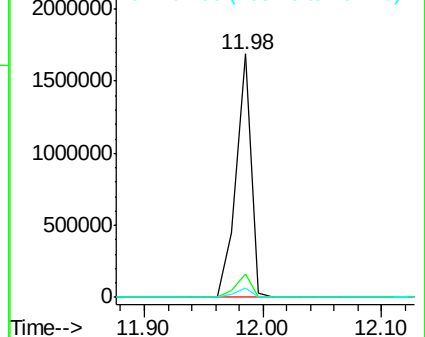
104 3.9 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.19 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

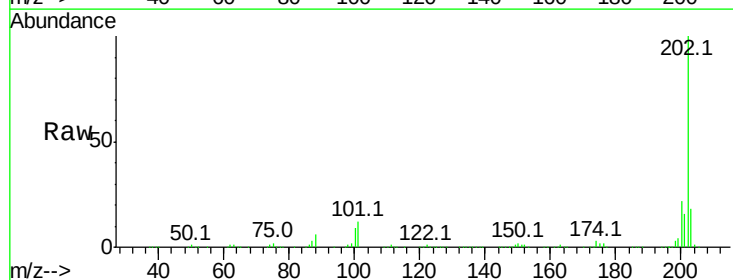
Tgt Ion:202 Resp: 1325495

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.6

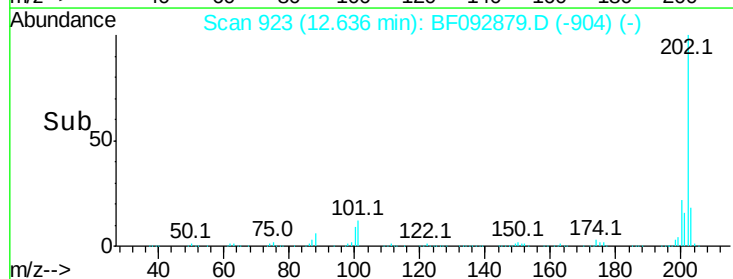
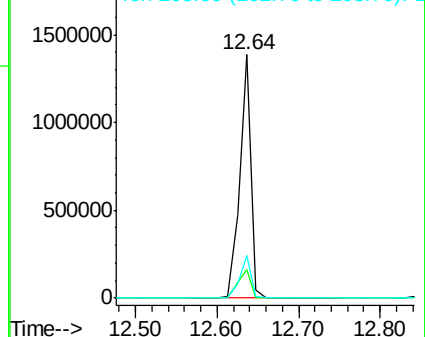
203 17.7 0.0 38.7

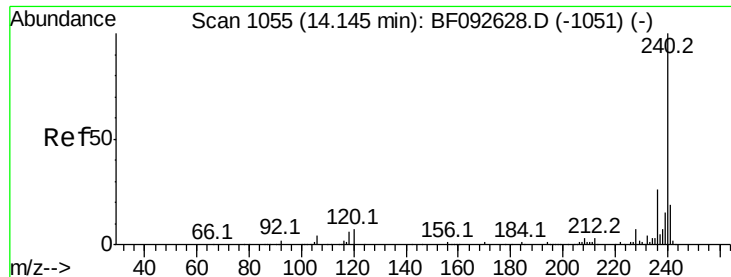


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

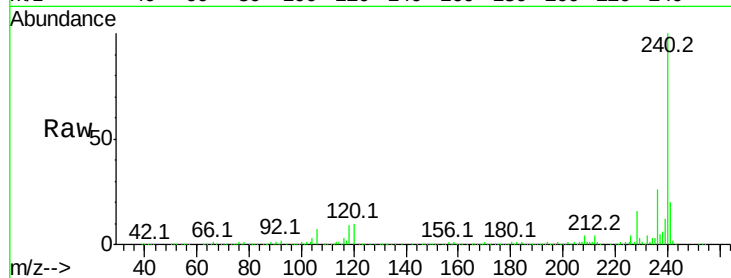




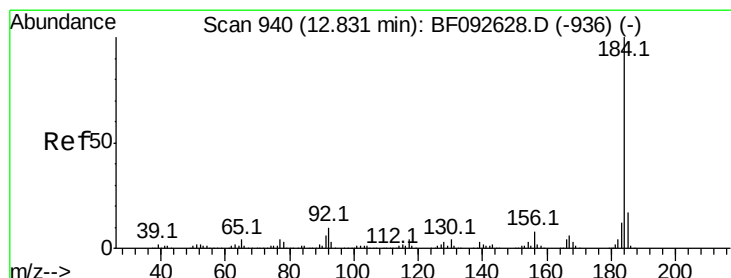
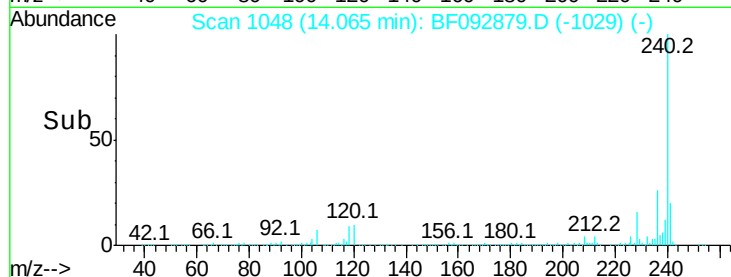
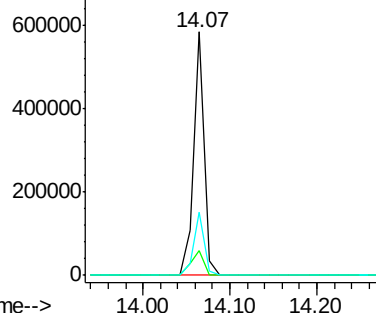
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:240 Resp: 503280
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 25.8 20.9 31.3

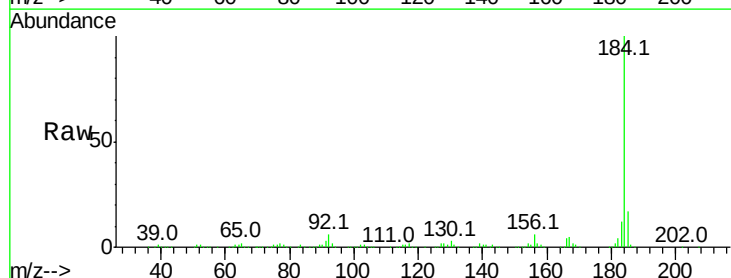


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

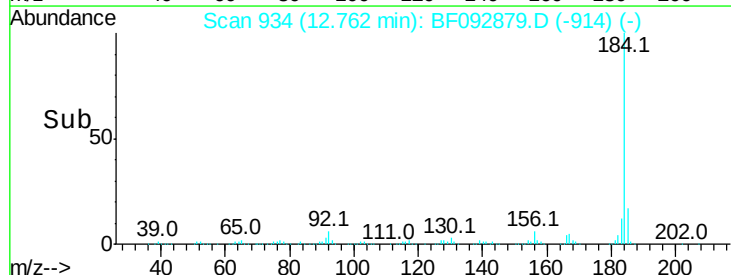
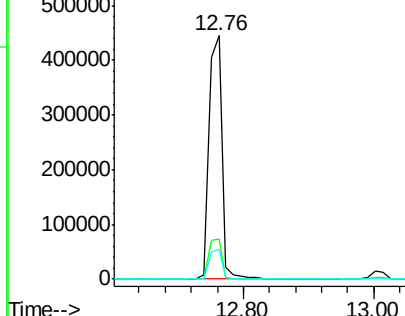


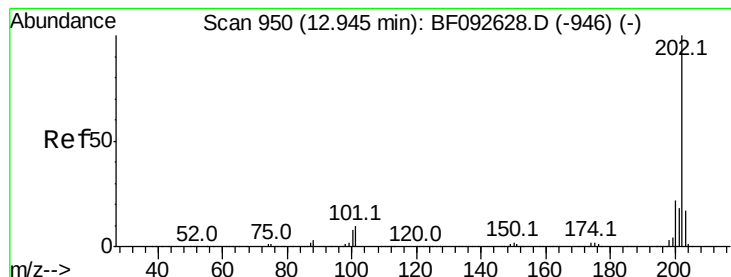
#76
Benzidine
Concen: 29.01 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:184 Resp: 622214
Ion Ratio Lower Upper
184 100
185 16.6 13.4 20.0
183 12.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.12 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

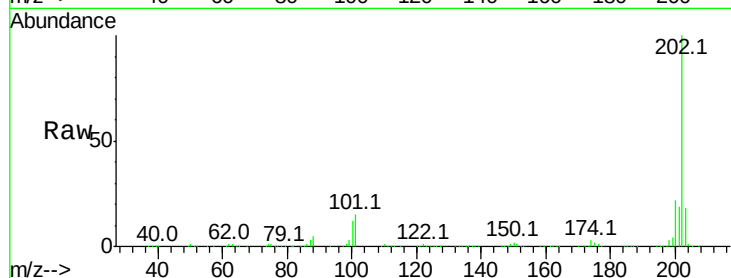
Tot Ion:202 Resp: 1322771

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

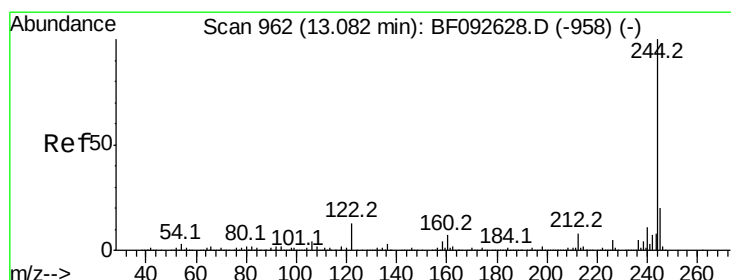
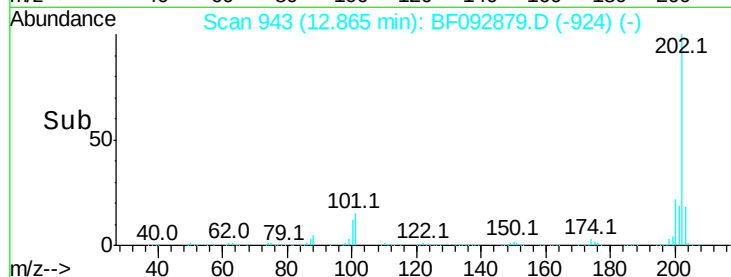
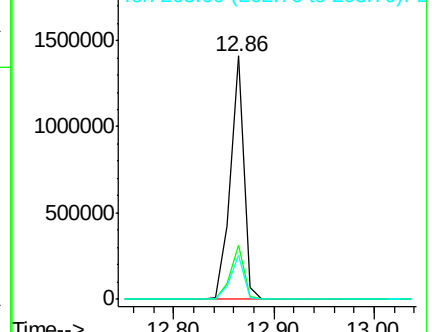
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.20 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

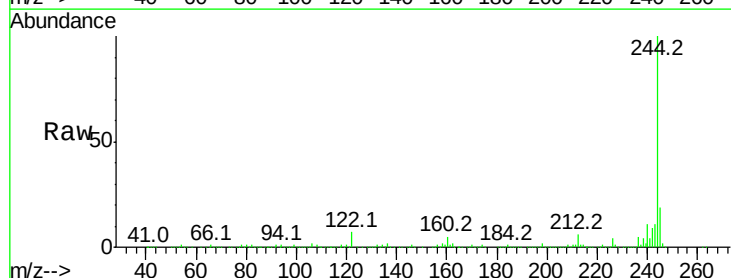
Tgt Ion:244 Resp: 1653506

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

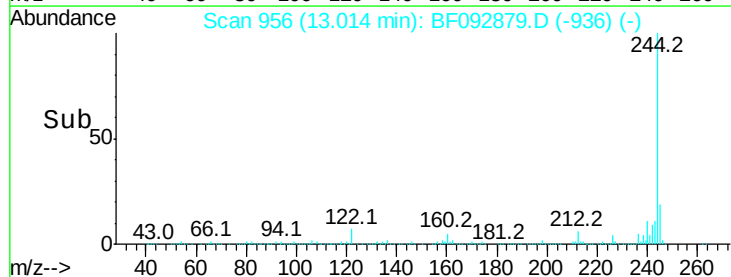
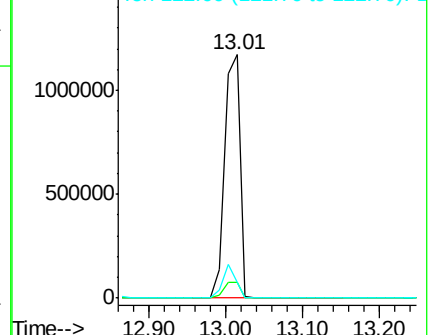
122 6.6 11.4 17.2#

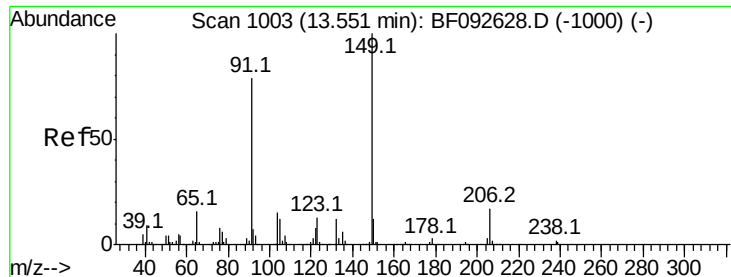


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.52 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

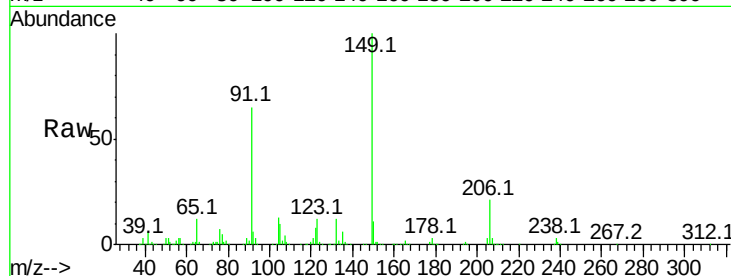
Tot Ion:149 Resp: 635002

Ion Ratio Lower Upper

149 100

91 65.2 63.9 95.9

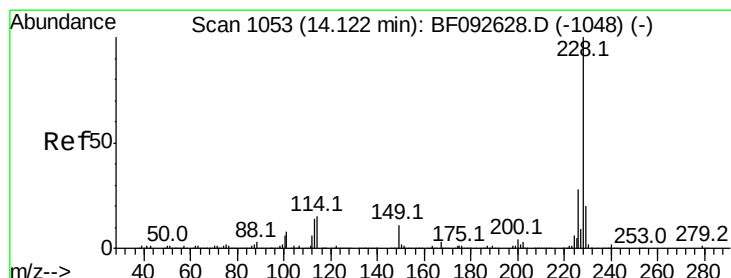
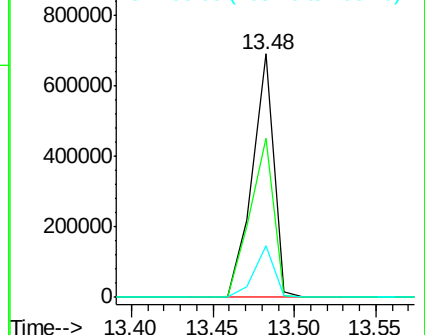
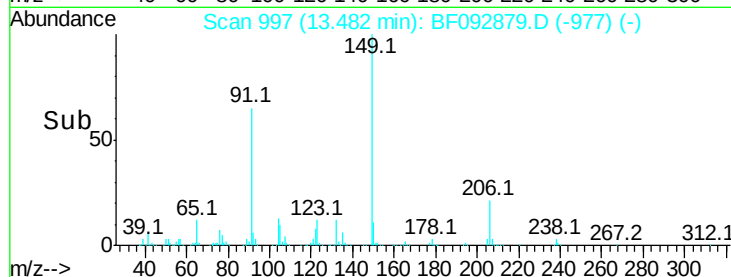
206 21.1 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.81 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

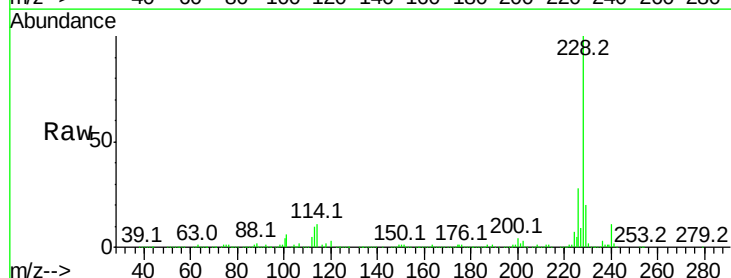
Tgt Ion:228 Resp: 1071545

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

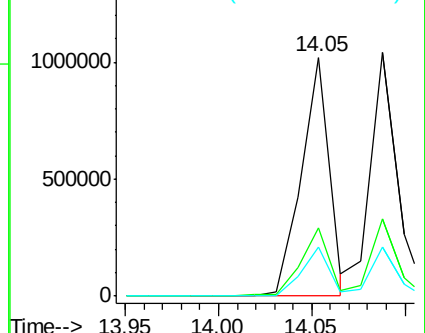
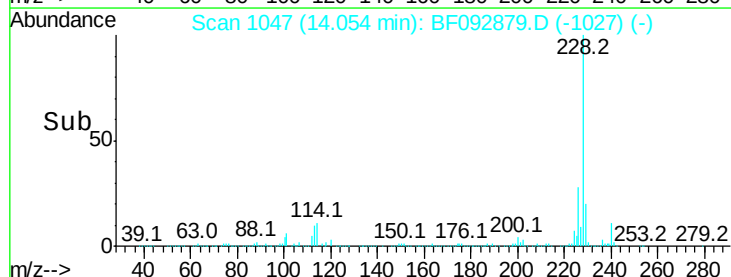
229 20.3 16.2 24.4

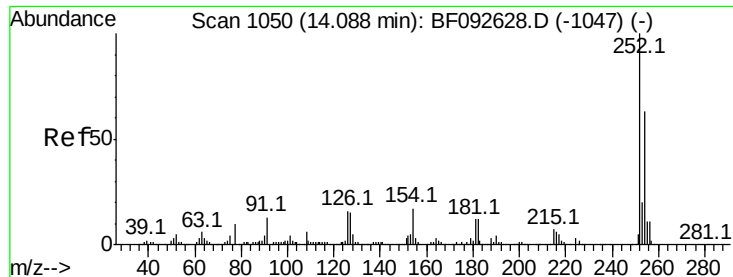


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

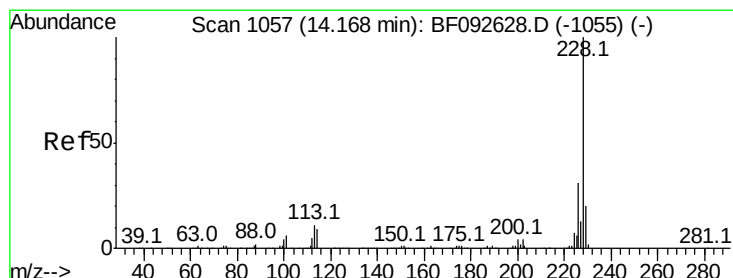
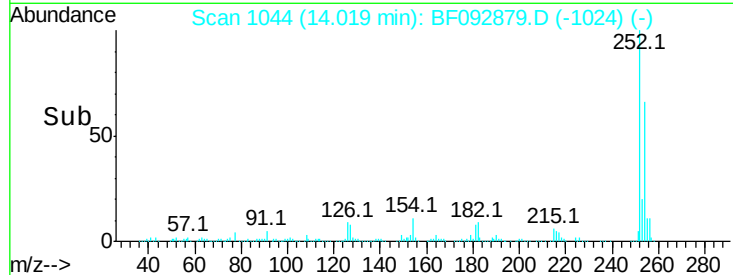
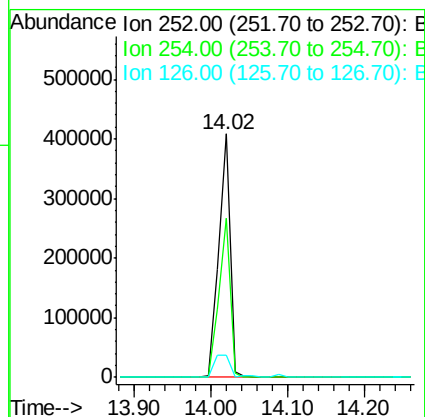
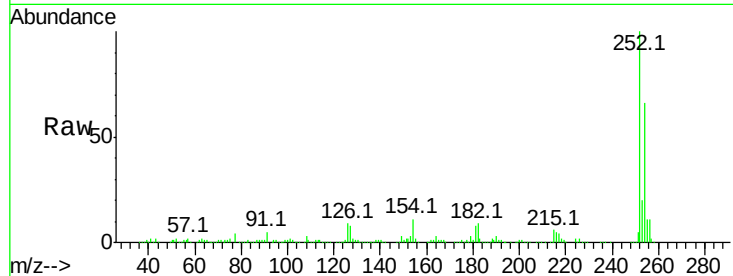




#81
 3,3'-Dichlorobenzidine
 Concen: 37.98 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

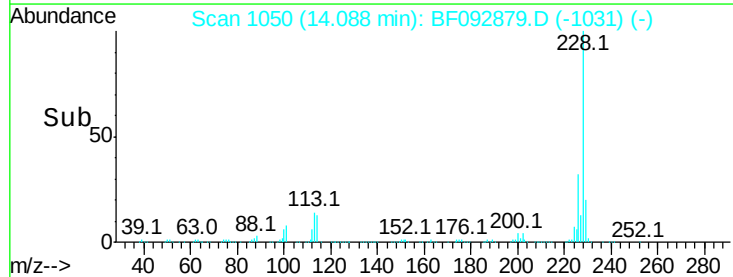
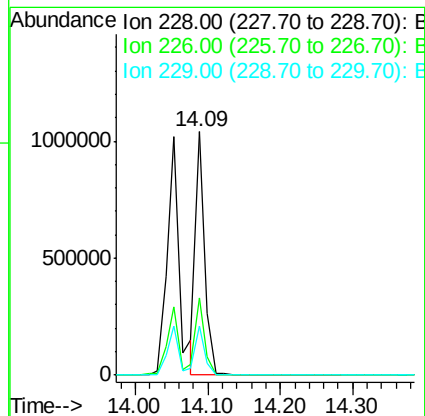
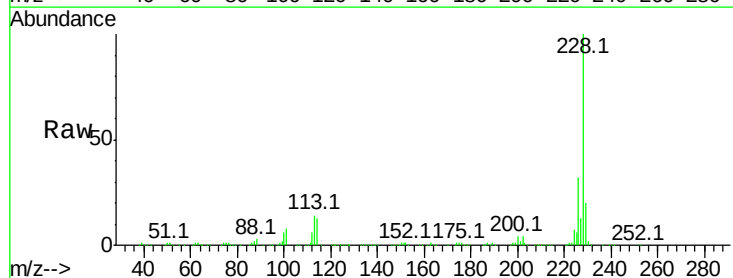
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

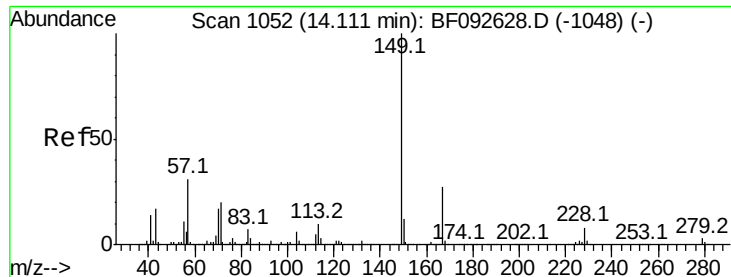
Tot Ion:252 Resp: 416749
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.3 78.5
 126 8.9 13.6 20.4#



#82
 Chrysene
 Concen: 31.75 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:228 Resp: 914995
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.2 16.2 24.2

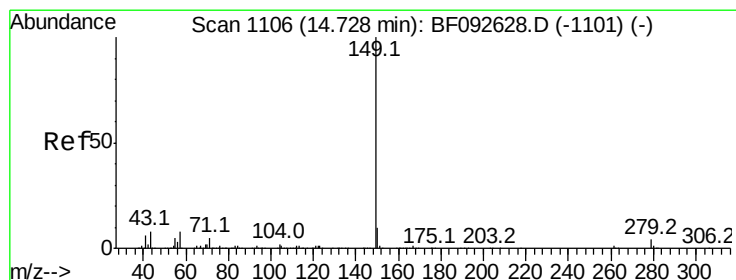
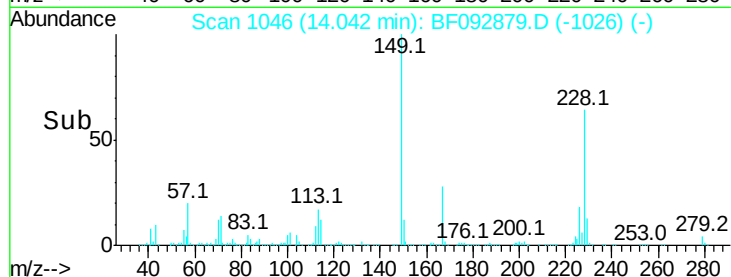
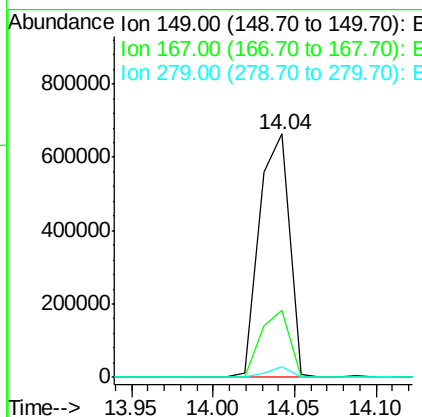
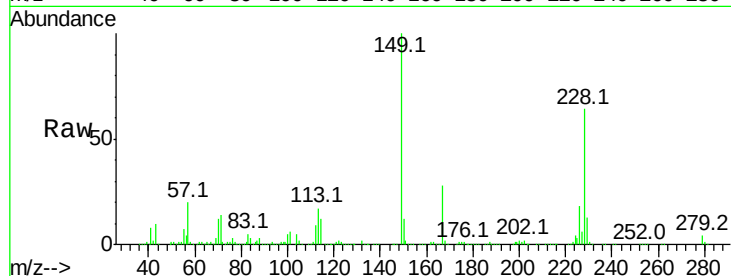




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.99 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

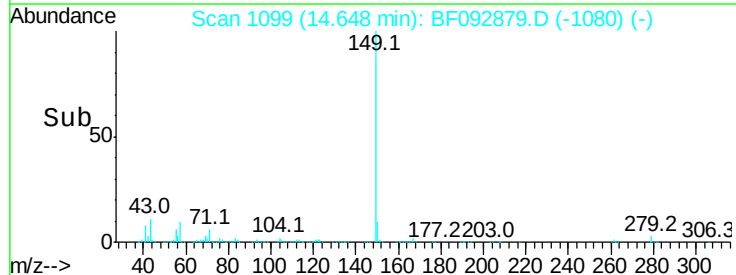
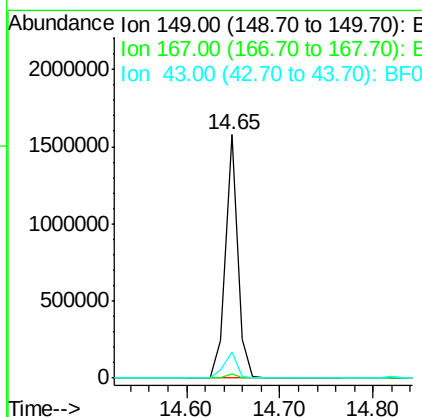
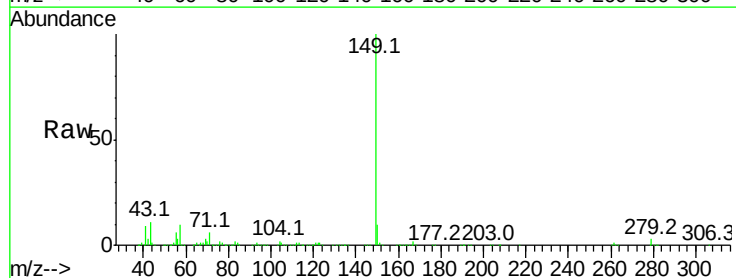
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

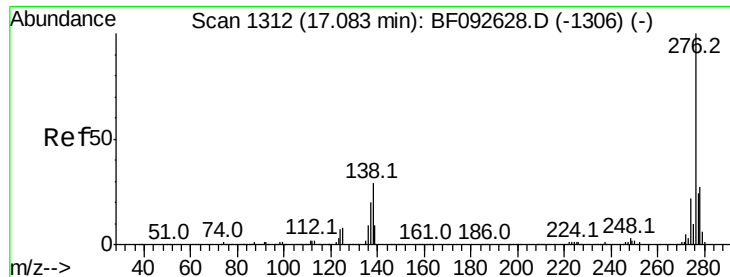
Tot Ion:149 Resp: 857474
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.2 30.4
 279 4.5 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.09 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:149 Resp: 1433497
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 8.9 13.3

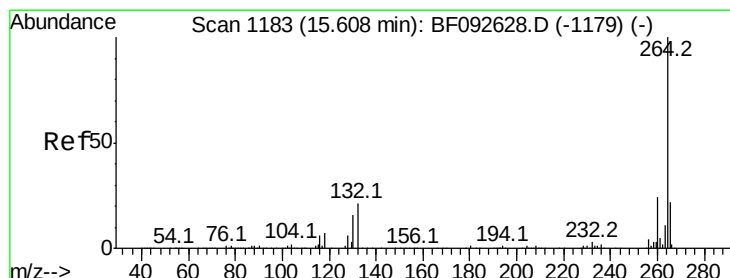
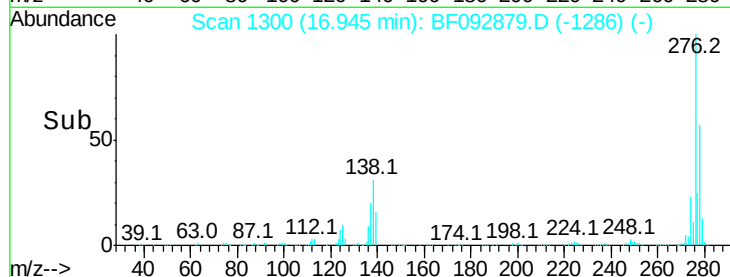
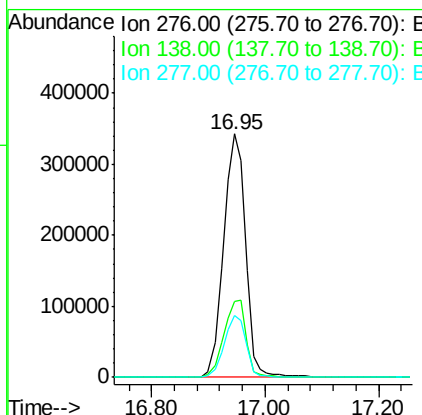
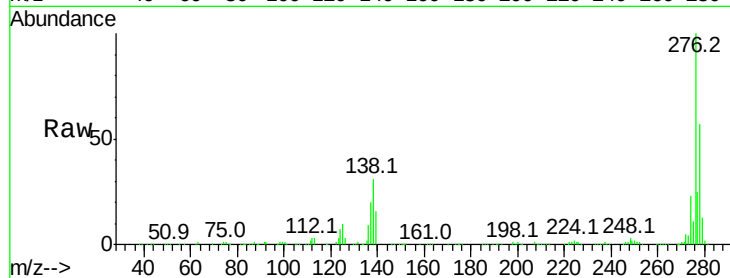




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.75 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.14 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

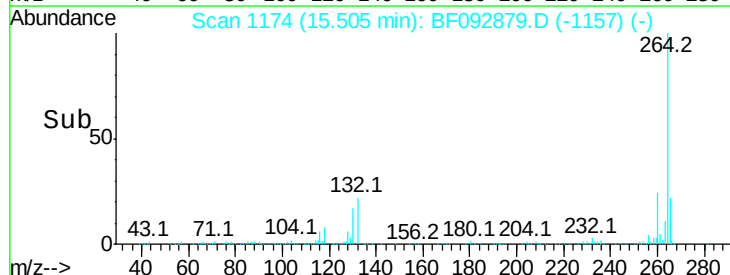
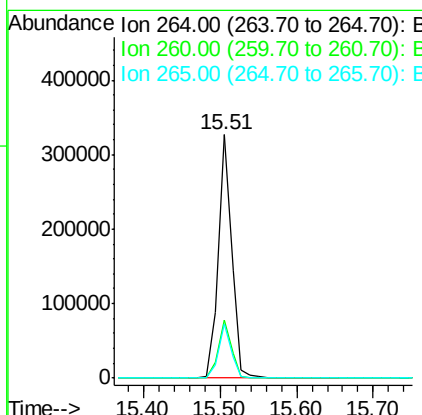
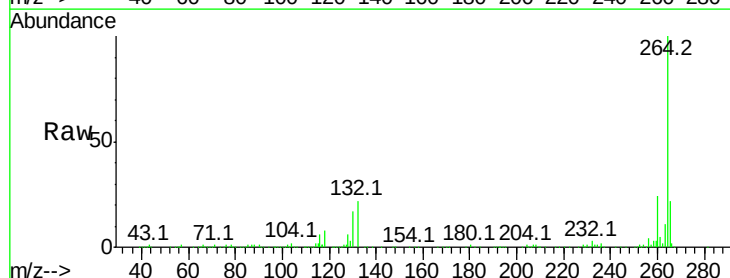
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

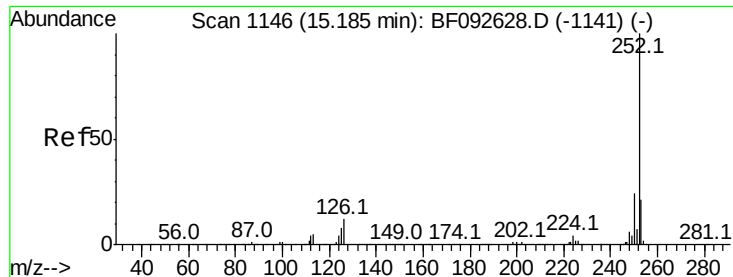
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	25.2	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.4	26.0

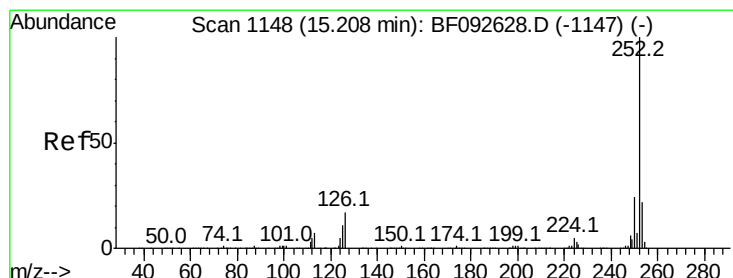
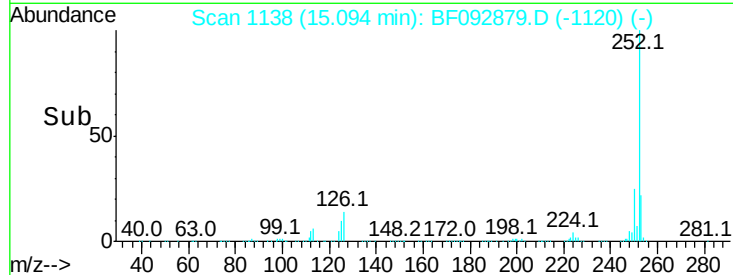
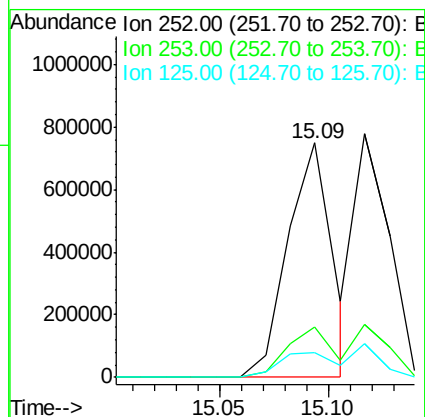
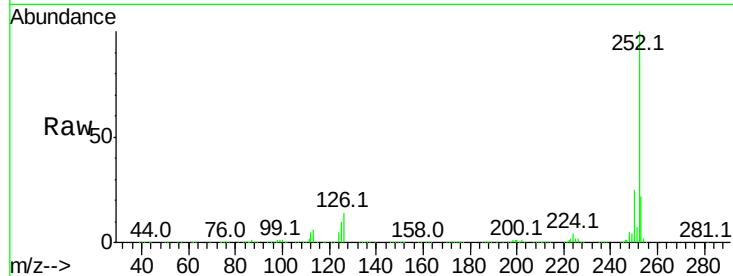




#87
Benzo(b)fluoranthene
Concen: 40.35 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

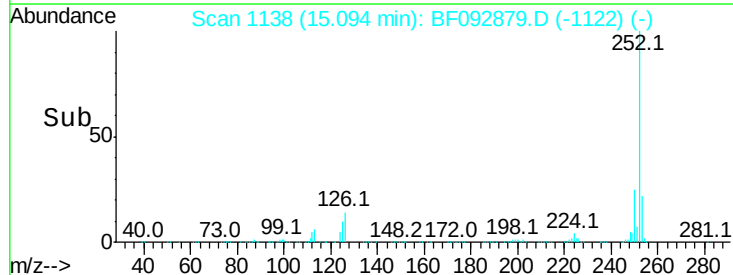
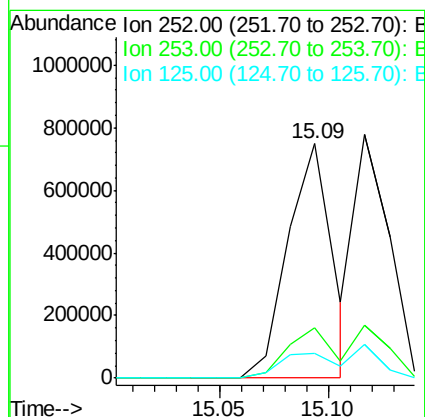
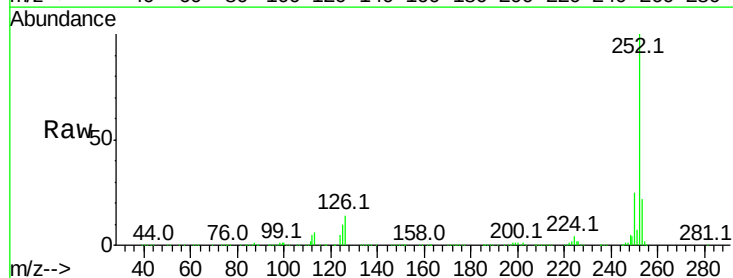
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

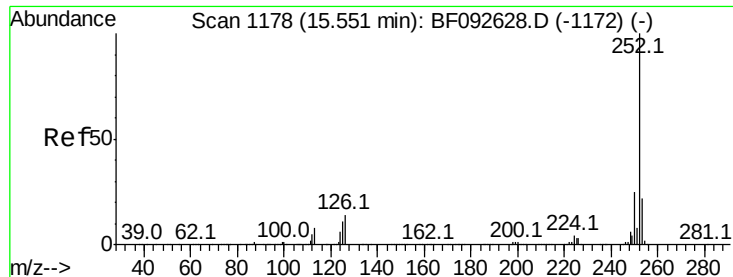
Tot Ion:252 Resp: 1059328
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 10.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 46.73 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:252 Resp: 1059328
Ion Ratio Lower Upper
252 100
253 21.7 18.5 27.7
125 10.4 8.9 13.3

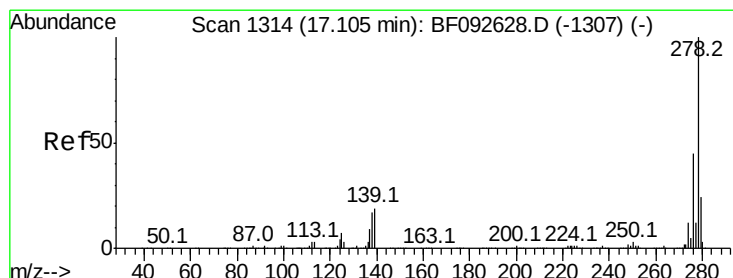
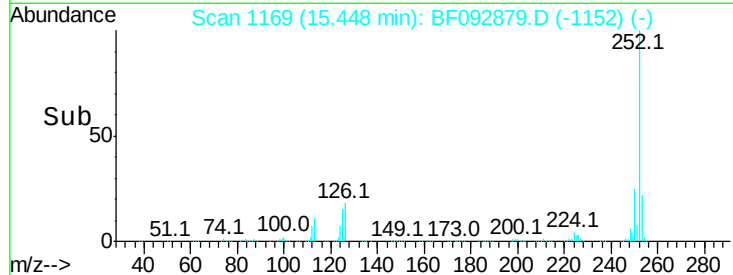
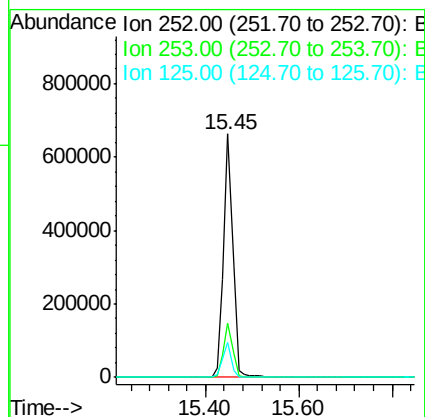
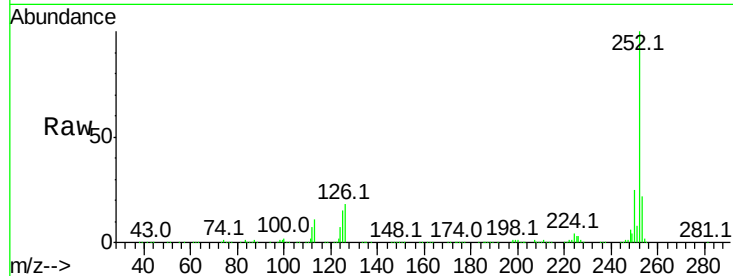




#89
Benzo(a)pyrene
Concen: 39.42 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

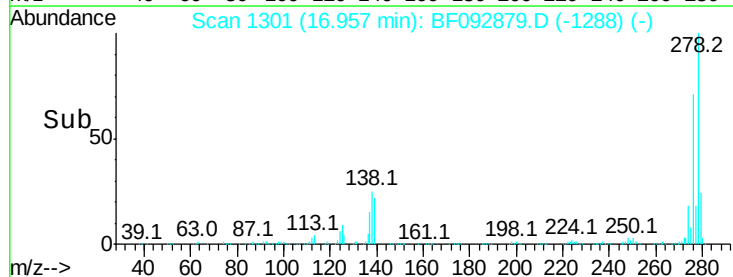
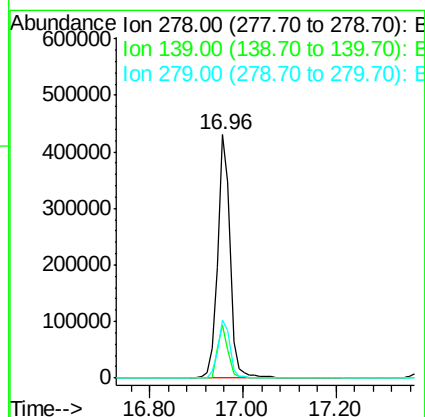
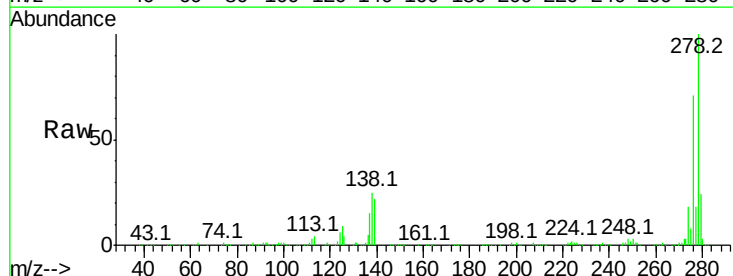
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

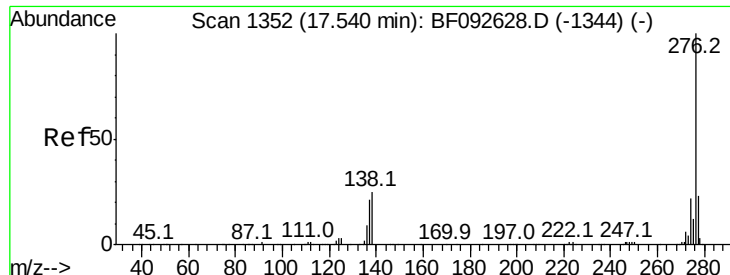
Tot Ion:252 Resp: 895208
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 14.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 43.43 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion:278 Resp: 797105
Ion Ratio Lower Upper
278 100
139 21.9 14.8 22.2
279 23.7 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 43.14 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

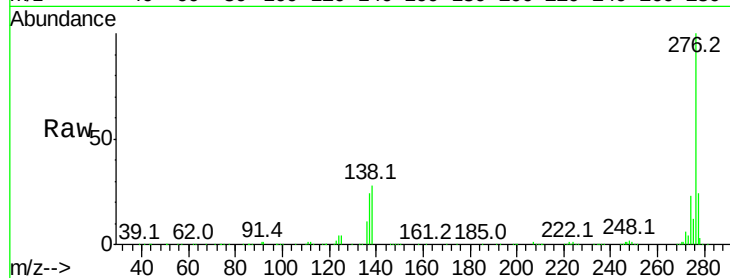
Tot Ion:276 Resp: 799999

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 27.9 16.0 24.0#



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

