

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084903.D
 Acq On : 6 Feb 2016 11:17
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 08 01:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174288	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	699387	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	314590	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	520190	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	324283	20.00	ng	-0.03
86) Perylene-d12	15.17	264	344488	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	807118	72.13	ng	-0.03
7) Phenol-d6	6.32	99	1009017	72.74	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1020287	82.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	225587	68.75	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1712532	95.73	ng	-0.02
78) Terphenyl-d14	12.76	244	1156612	80.82	ng	-0.03

Target Compounds						Qvalue
3) Pyridine	2.77	79	550455	43.10	ng	# 71
4) n-Nitrosodimethylamine	2.74	42	259888	39.35	ng	83
6) Aniline	6.33	93	689866	40.64	ng	# 80
8) 2-Chlorophenol	6.45	128	487375	38.48	ng	89
9) Benzaldehyde	6.20	77	299938	36.62	ng	96
10) Phenol	6.33	94	522637	33.63	ng	# 53
11) bis(2-Chloroethyl)ether	6.41	93	475847	39.27	ng	85
12) 1,3-Dichlorobenzene	6.60	146	539860	40.34	ng	97
13) 1,4-Dichlorobenzene	6.68	146	553123	41.35	ng	93
14) 1,2-Dichlorobenzene	6.83	146	445417	35.75	ng	95
15) Benzyl Alcohol	6.82	79	365051	38.11	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	779109	38.22	ng	89
17) 2-Methylphenol	6.94	107	399875	39.92	ng	# 92
18) Hexachloroethane	7.17	117	204043	39.61	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	311317	35.80	ng	# 73
20) 3+4-Methylphenols	7.09	107	491788	39.55	ng	# 73
22) Acetophenone	7.08	105	675510	36.65	ng	# 99
24) Nitrobenzene	7.25	77	453654	34.12	ng	95
25) Isophorone	7.50	82	930044	38.52	ng	94
26) 2-Nitrophenol	7.57	139	276675	42.19	ng	# 89
27) 2,4-Dimethylphenol	7.62	122	410754	36.01	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	526020	36.73	ng	99
29) 2,4-Dichlorophenol	7.82	162	372009	38.12	ng	91
30) 1,2,4-Trichlorobenzene	7.89	180	402664	36.53	ng	96
31) Naphthalene	7.97	128	1337257	38.12	ng	100
32) Benzoic acid	7.77	122	244930	33.57	ng	90
33) 4-Chloroaniline	8.03	127	541915	37.35	ng	99
34) Hexachlorobutadiene	8.10	225	250801	39.46	ng	99
35) Caprolactam	8.42	113	119917	39.87	ng	# 58
36) 4-Chloro-3-methylphenol	8.52	107	390183	35.05	ng	94
37) 2-Methylnaphthalene	8.66	142	793544	36.14	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	399448	39.98	ng	99
40) Hexachlorocyclopentadiene	8.82	237	96179	29.90	ng	96
42) 2,4,6-Trichlorophenol	8.94	196	239060	37.14	ng	99

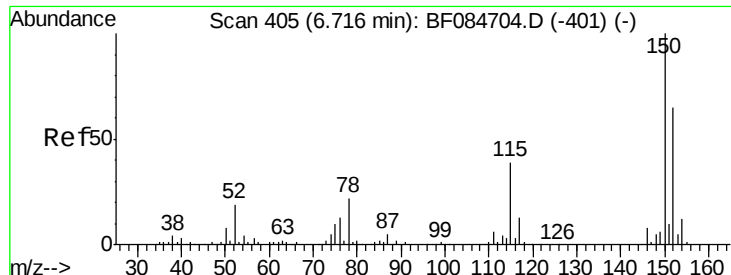
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	265016	40.52	ng	# 90
45) 1,1'-Biphenyl	9.13	154	1032860	36.76	ng	98
46) 2-Chloronaphthalene	9.15	162	769274	37.18	ng	94
47) 2-Nitroaniline	9.25	65	260398	39.74	ng	96
48) Acenaphthylene	9.56	152	1186507	37.78	ng	98
49) Dimethylphthalate	9.44	163	901597	37.63	ng	# 90
50) 2,6-Dinitrotoluene	9.50	165	209685	40.06	ng	# 87
51) Acenaphthene	9.73	154	737290	36.09	ng	98
52) 3-Nitroaniline	9.66	138	198979	33.83	ng	97
53) 2,4-Dinitrophenol	9.78	184	41818	21.86	ng	90
54) Dibenzofuran	9.90	168	933976	37.41	ng	93
55) 4-Nitrophenol	9.85	139	146779	33.95	ng	85
56) 2,4-Dinitrotoluene	9.90	165	271282	40.63	ng	90
57) Fluorene	10.25	166	804401	38.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	200476	40.27	ng	89
59) Diethylphthalate	10.13	149	853747	36.49	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	410741	47.25	ng	# 88
61) 4-Nitroaniline	10.28	138	233978	40.82	ng	# 80
62) Azobenzene	10.40	77	845900	37.60	ng	84
64) 4,6-Dinitro-2-methylphenol	10.30	198	91365	28.46	ng	# 61
65) n-Nitrosodiphenylamine	10.36	169	651526	39.44	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	234593	40.83	ng	# 77
67) Hexachlorobenzene	10.80	284	271666	43.39	ng	# 89
68) Atrazine	10.90	200	247552	47.46	ng	97
69) Pentachlorophenol	10.99	266	116431	39.57	ng	99
70) Phenanthrene	11.20	178	1137983	39.44	ng	98
71) Anthracene	11.25	178	1148278	39.50	ng	100
72) Carbazole	11.41	167	971509	38.32	ng	99
73) Di-n-butylphthalate	11.76	149	1407433	43.61	ng	# 98
74) Fluoranthene	12.38	202	1068703	36.60	ng	96
76) Benzidine	12.51	184	490465	43.50	ng	98
77) Pyrene	12.61	202	1079615	43.48	ng	100
79) Butylbenzylphthalate	13.24	149	464524	41.24	ng	97
80) Benzo(a)anthracene	13.79	228	807152	40.10	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	315093	44.22	ng	# 97
82) Chrysene	13.84	228	824160	42.23	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	599310	42.76	ng	100
84) Di-n-octyl phthalate	14.42	149	1010822	43.71	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.45	276	819088	53.32	ng	99
87) Benzo(b)fluoranthene	14.83	252	1554783	67.17	ng	99
88) Benzo(k)fluoranthene	14.83	252	1554783	81.24	ng	# 95
89) Benzo(a)pyrene	15.12	252	736779	37.36	ng	# 95
90) Dibenzo(a,h)anthracene	16.47	278	680166	40.97	ng	97
91) Benzo(g,h,i)perylene	16.83	276	662724	39.63	ng	98

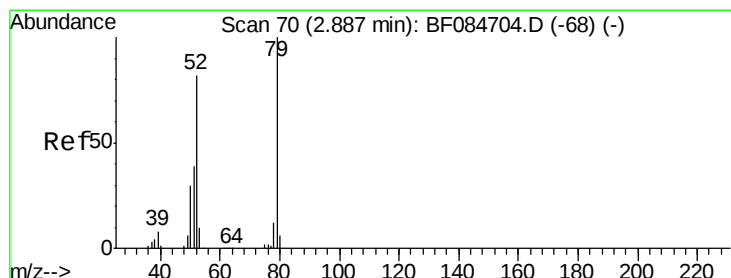
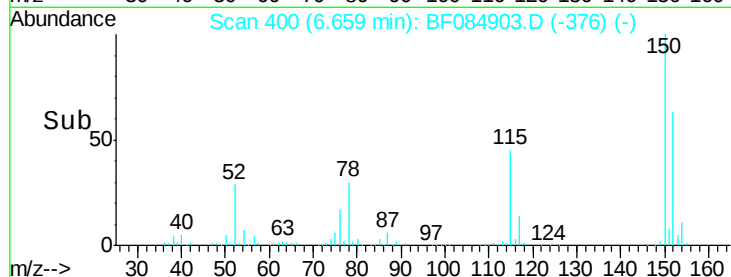
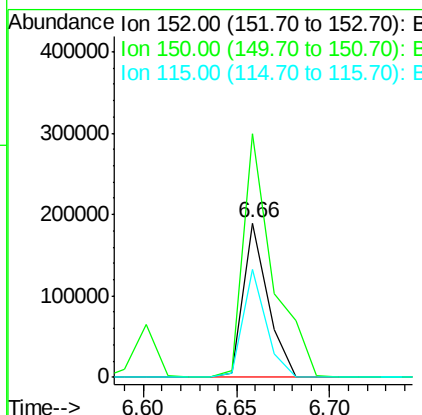
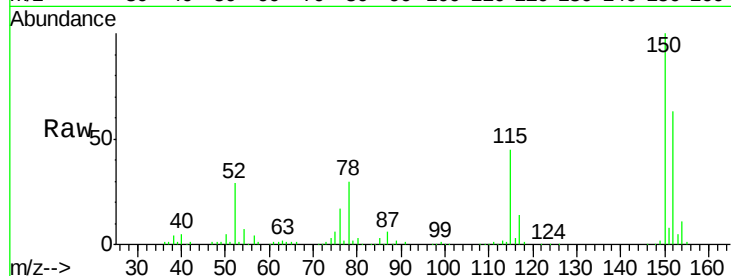
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

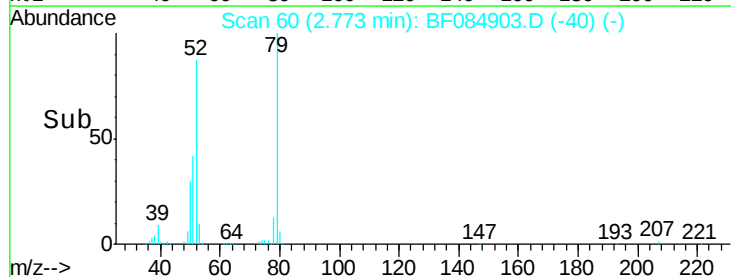
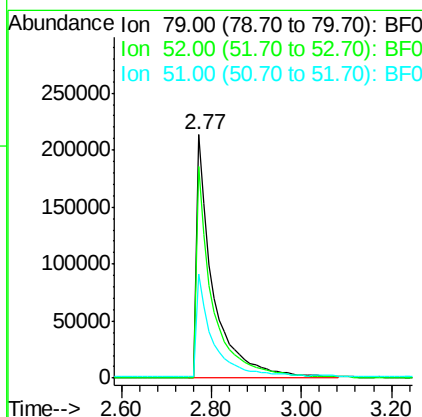
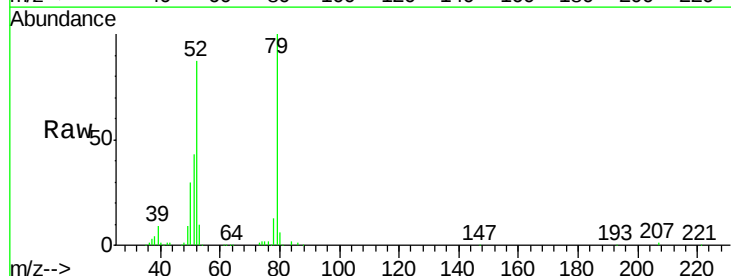
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

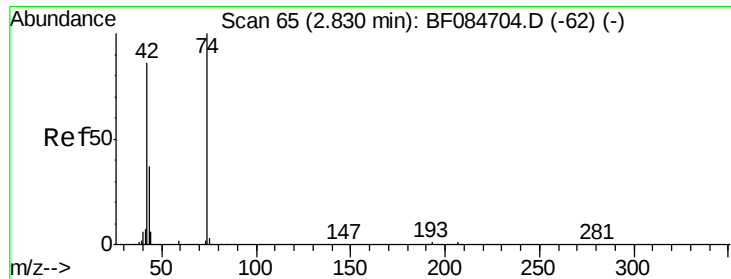
Tgt Ion: 152 Resp: 174288
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.0 184.4
 115 70.3 51.4 77.2



#3
 Pyridine
 Concen: 43.10 ng
 RT: 2.77 min Scan# 60
 Delta R.T. -0.07 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion: 79 Resp: 550455
 Ion Ratio Lower Upper
 79 100
 52 86.9 49.0 73.4#
 51 42.7 25.2 37.8#





#4

n-Nitrosodimethylamine

Concen: 39.35 ng

RT: 2.74 min Scan# 57

Delta R.T. -0.06 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

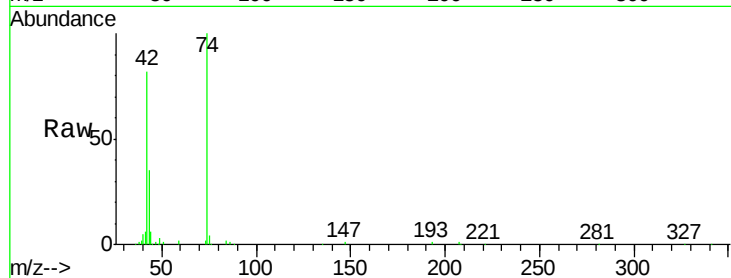
Tgt Ion: 42 Resp: 259888

Ion Ratio Lower Upper

42 100

74 122.5 115.7 173.5

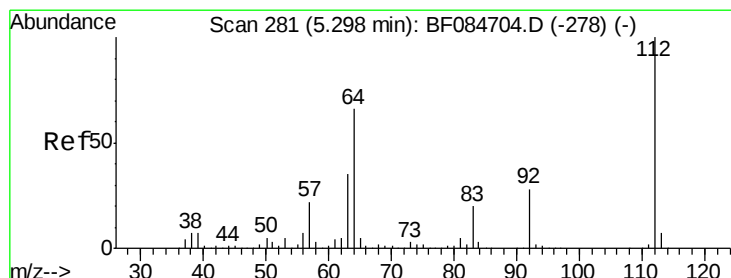
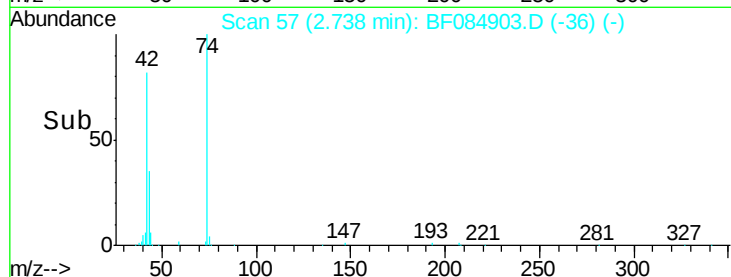
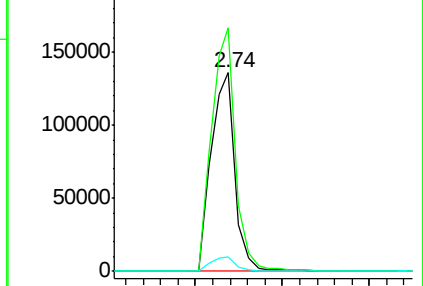
44 7.2 5.1 7.7



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: 72.13 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

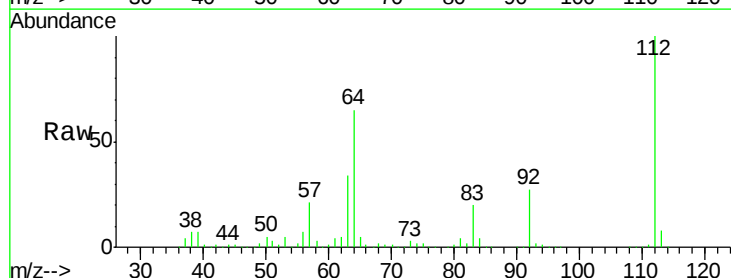
Tgt Ion: 112 Resp: 807118

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

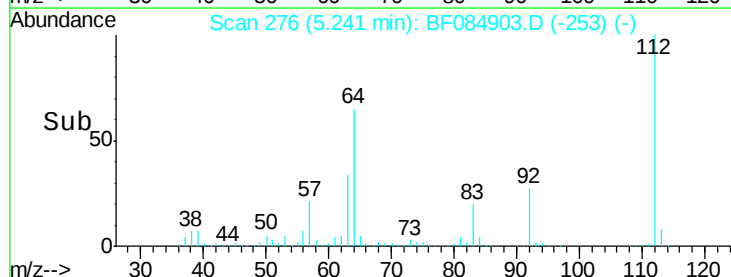
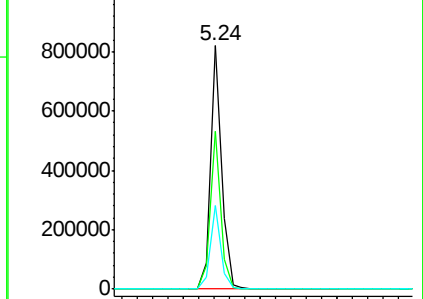
63 34.3 19.4 29.0#

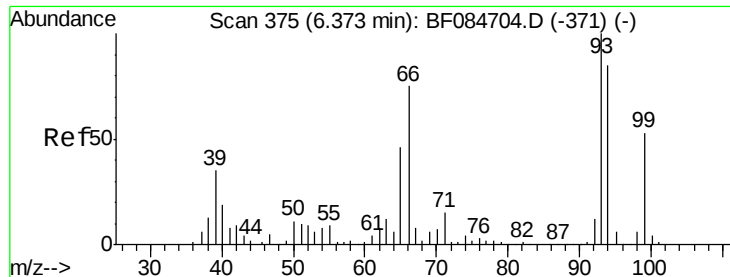


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 40.64 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

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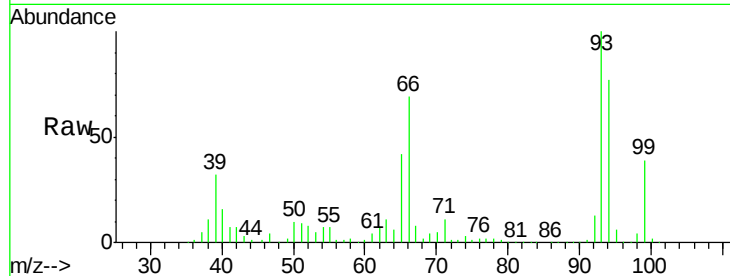
Tgt Ion: 93 Resp: 689866

Ion Ratio Lower Upper

93 100

66 68.8 44.9 67.3#

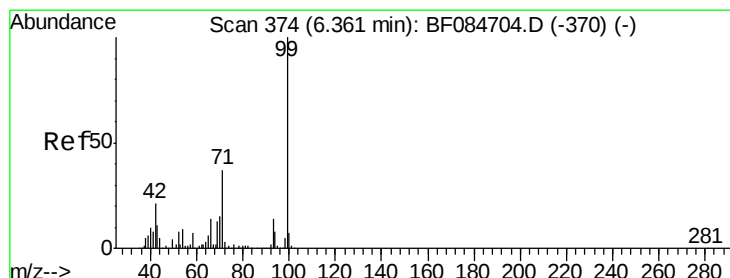
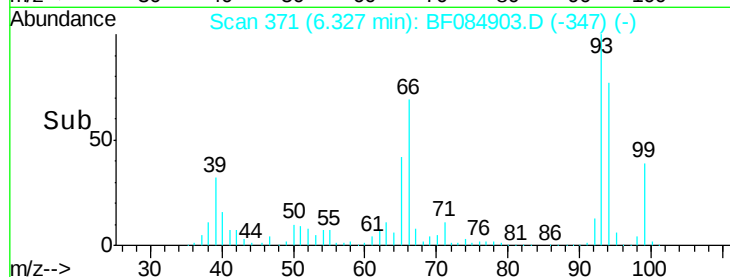
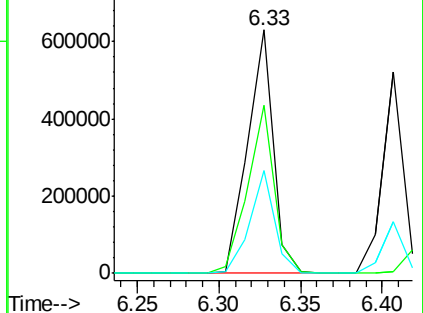
65 42.3 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 72.74 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

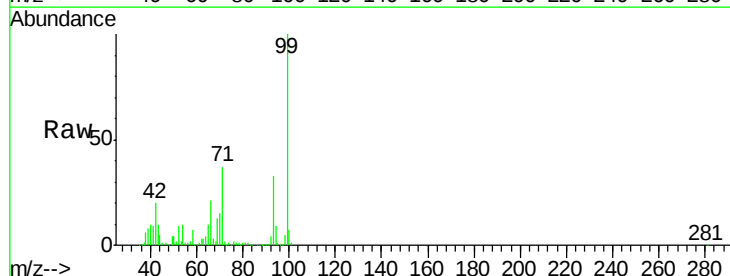
Tgt Ion: 99 Resp: 1009017

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

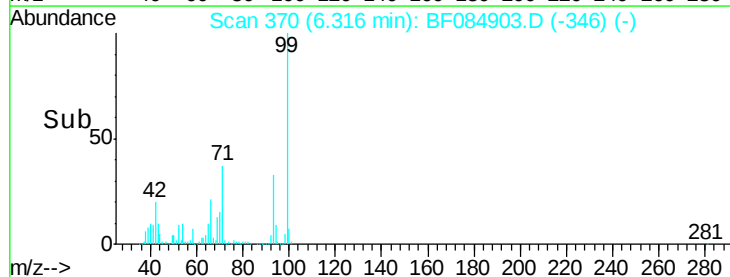
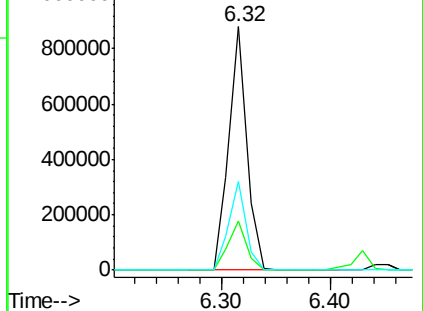
71 36.7 30.9 46.3

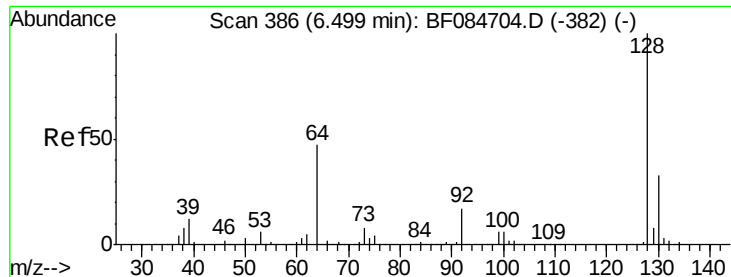


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.48 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084903.D

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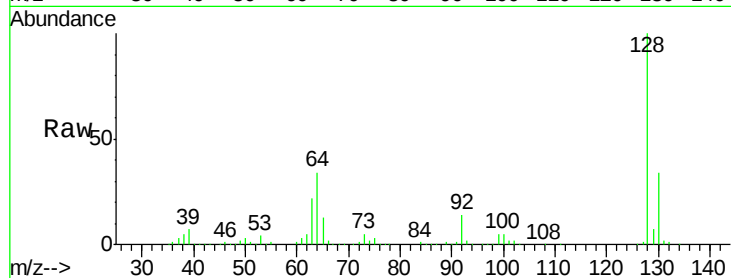
Tgt Ion:128 Resp: 487375

Ion Ratio Lower Upper

128 100

130 34.2 11.6 51.6

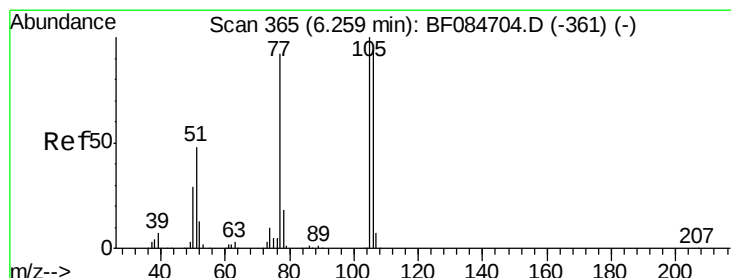
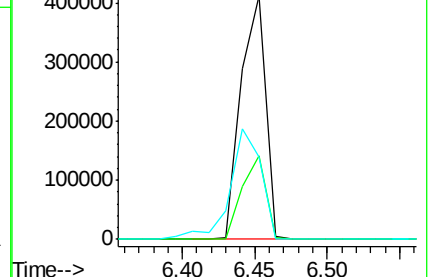
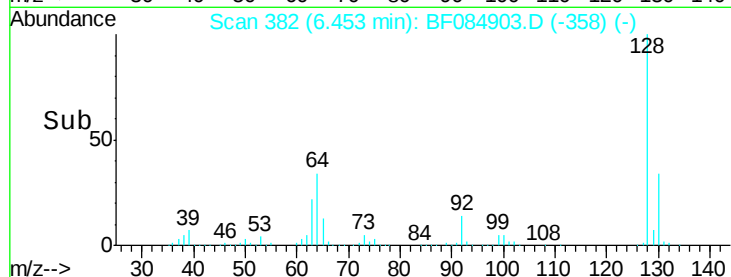
64 33.9 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 36.62 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

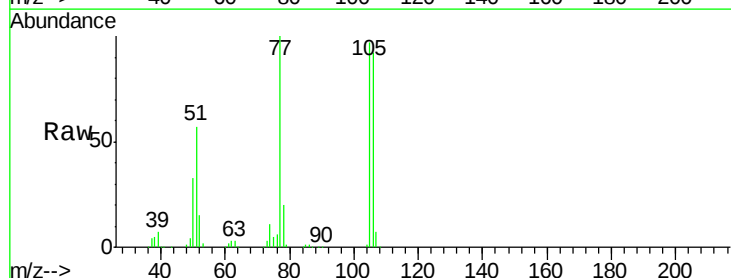
Tgt Ion: 77 Resp: 299938

Ion Ratio Lower Upper

77 100

105 97.1 83.0 123.0

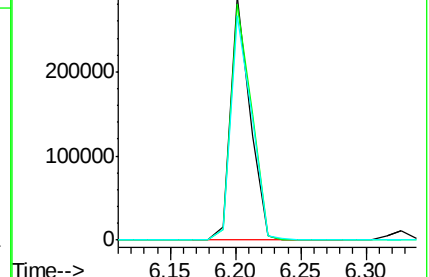
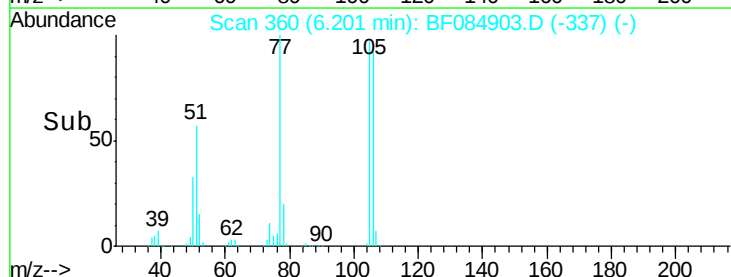
106 92.2 74.6 114.6

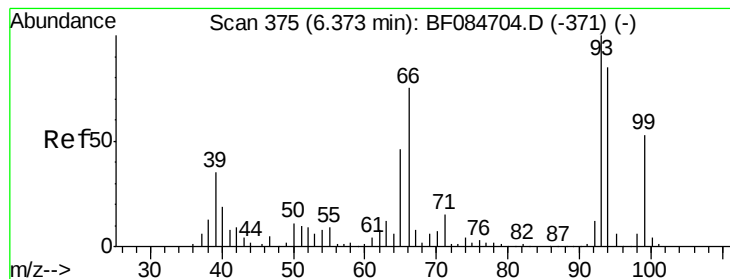


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 33.63 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

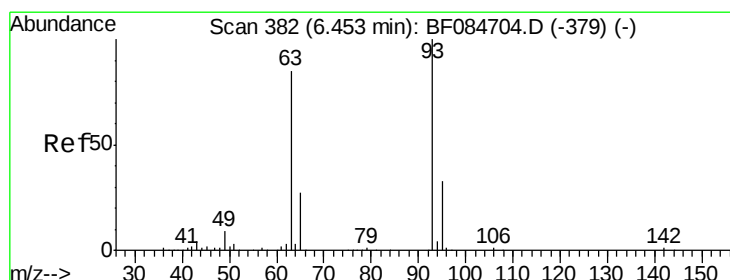
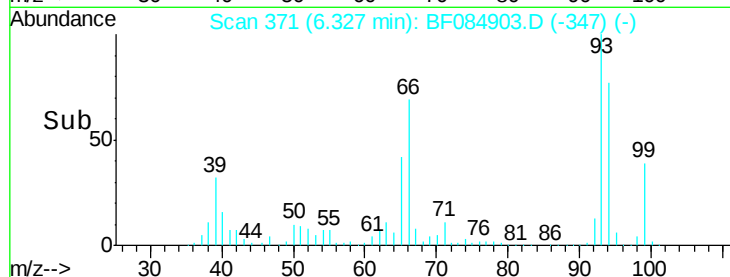
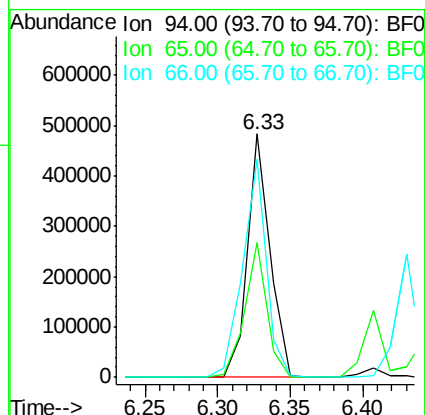
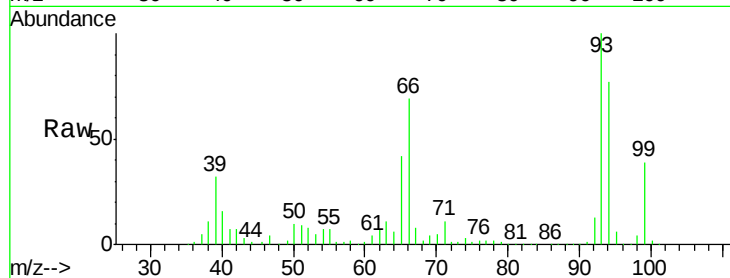
Tgt Ion: 94 Resp: 522637

Ion Ratio Lower Upper

94 100

65 55.2 12.9 52.9#

66 89.7 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 39.27 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

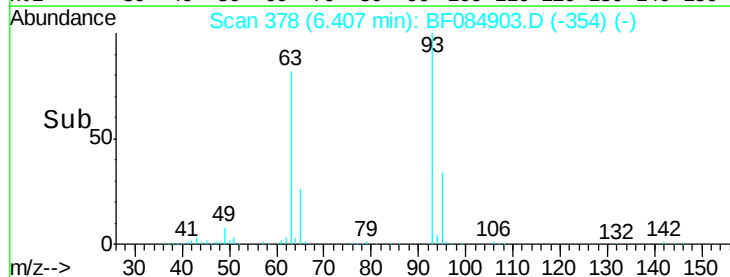
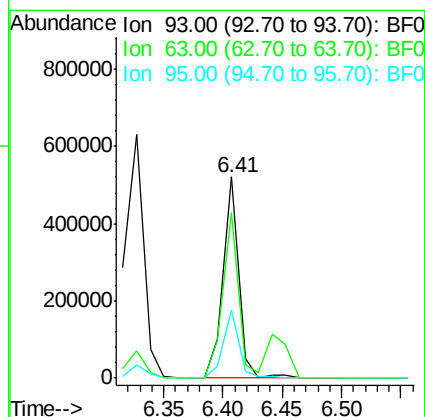
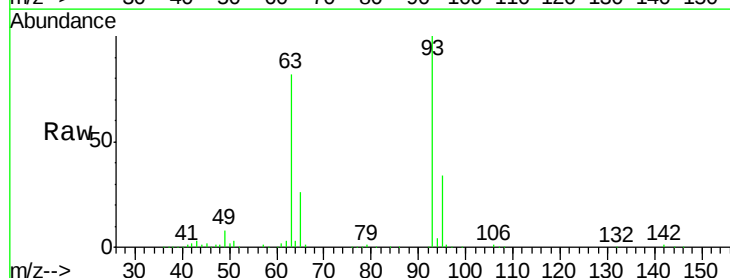
Tgt Ion: 93 Resp: 475847

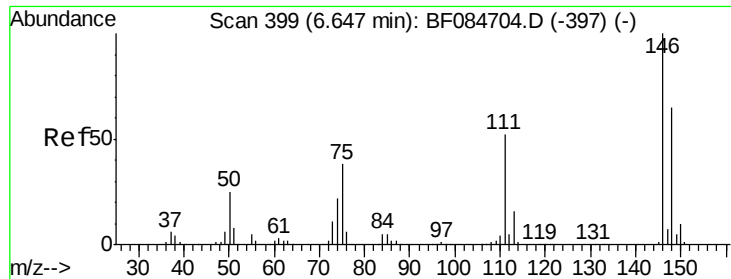
Ion Ratio Lower Upper

93 100

63 82.5 45.9 85.9

95 33.7 12.3 52.3

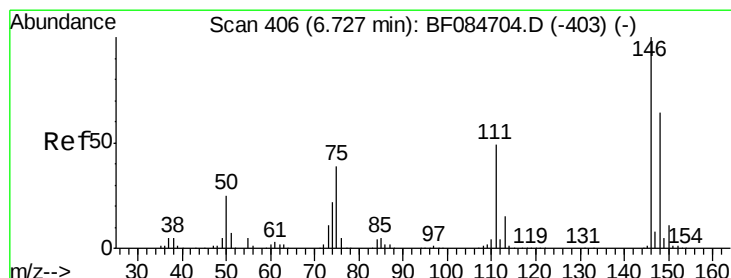
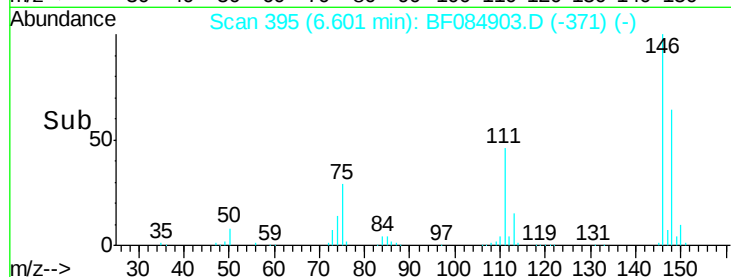
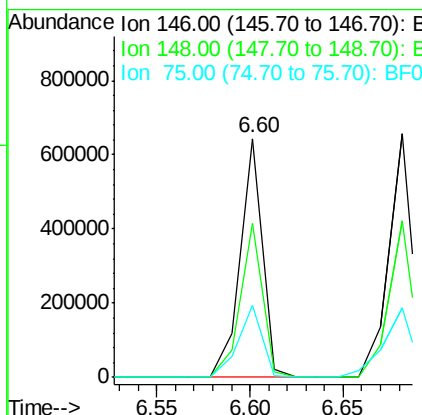
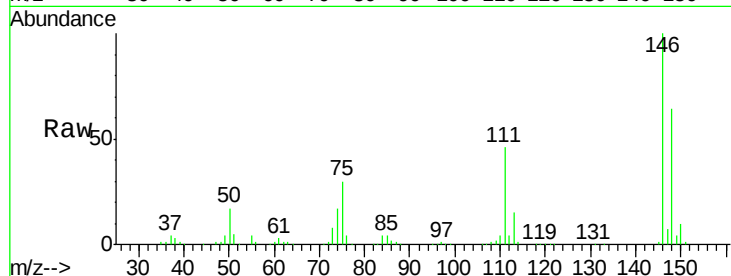




#12
 1,3-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.60 min Scan# 395
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

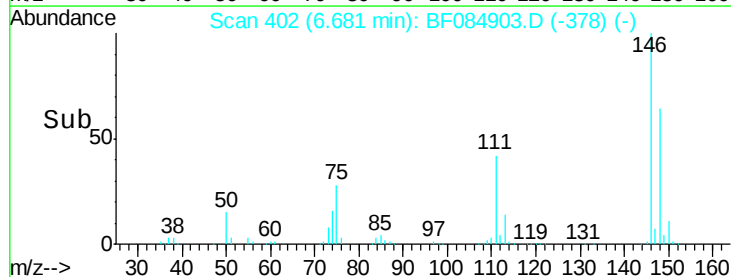
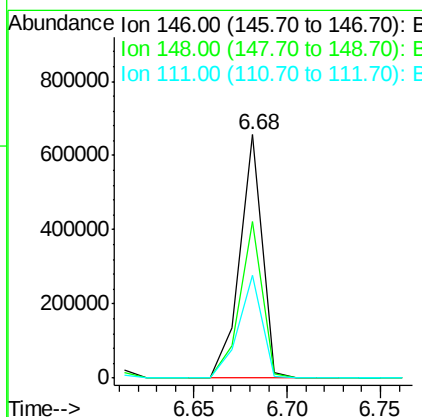
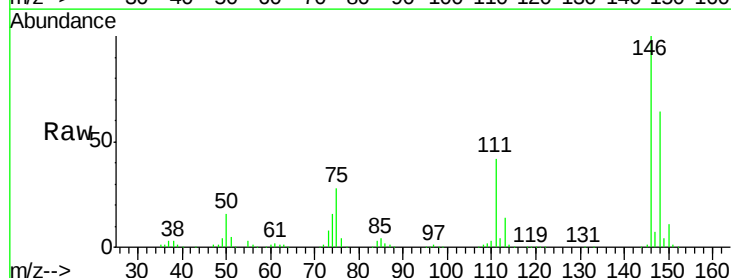
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

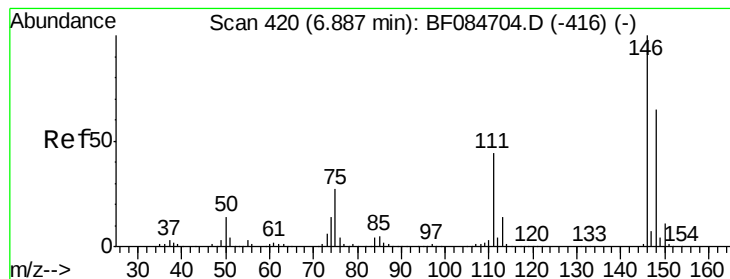
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	30.0	20.5	30.7



#13
 1,4-Dichlorobenzene
 Concen: 41.35 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	42.0	41.6	62.4

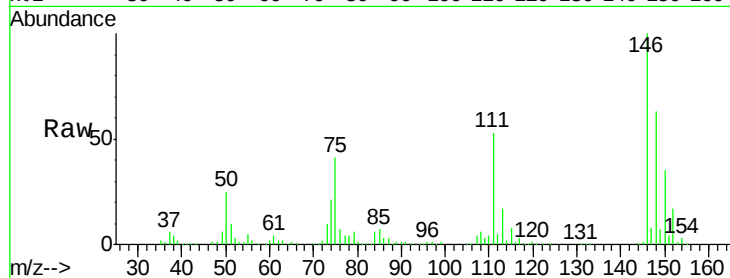




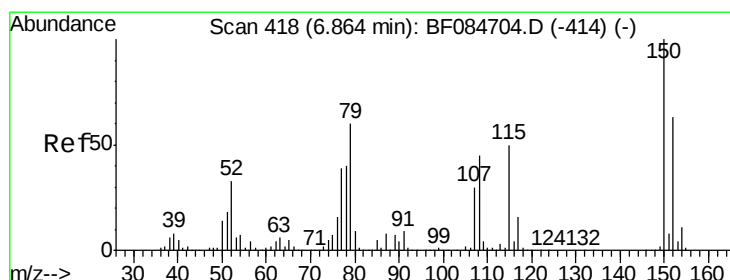
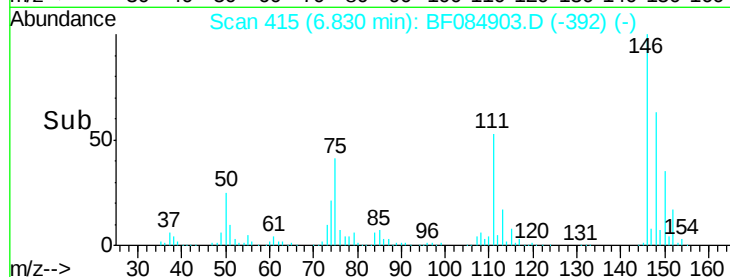
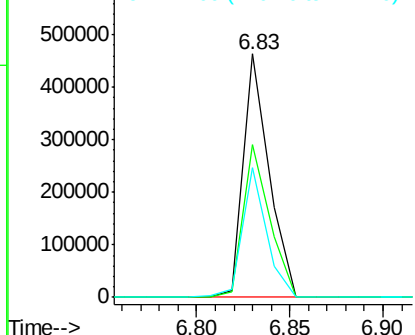
#14
 1,2-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 146 Resp: 445417
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.6 77.4
 111 53.0 38.0 57.0

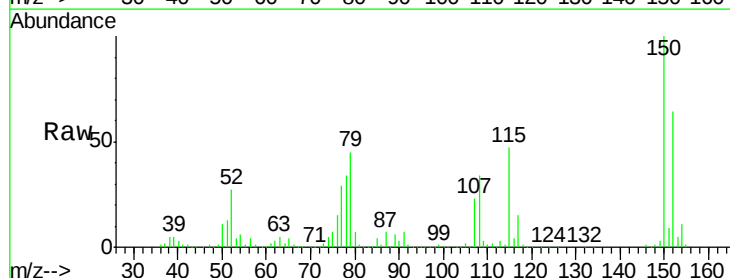


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

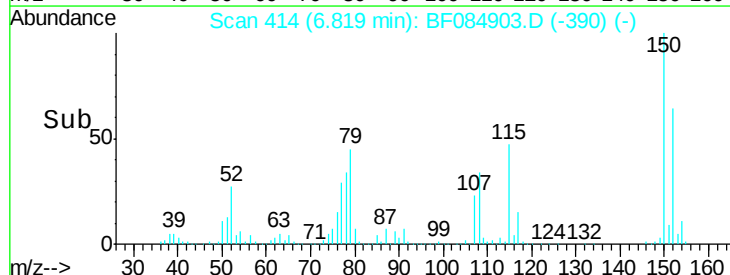
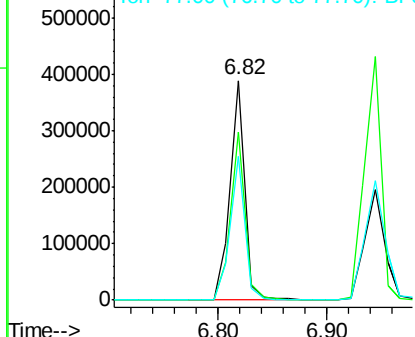


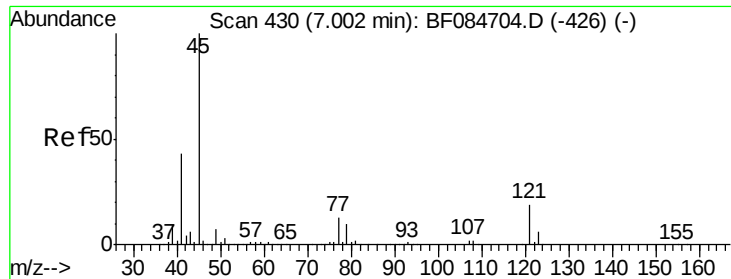
#15
 Benzyl Alcohol
 Concen: 38.11 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion: 79 Resp: 365051
 Ion Ratio Lower Upper
 79 100
 108 76.4 69.0 103.4
 77 65.3 50.0 75.0



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





#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.22 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

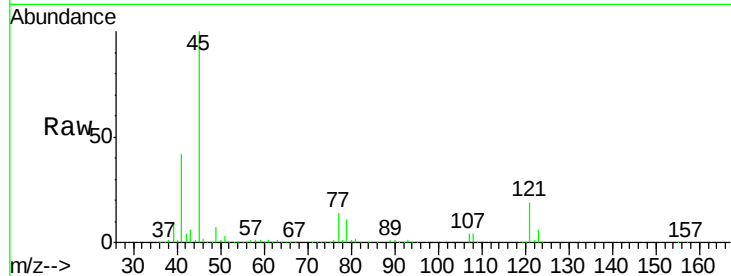
Tgt Ion: 45 Resp: 779109

Ion Ratio Lower Upper

45 100

77 14.0 0.0 39.6

79 11.1 0.0 35.0

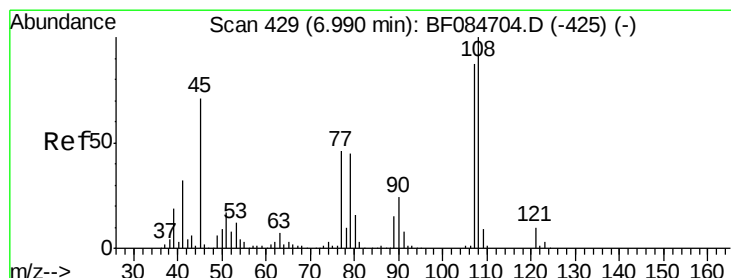
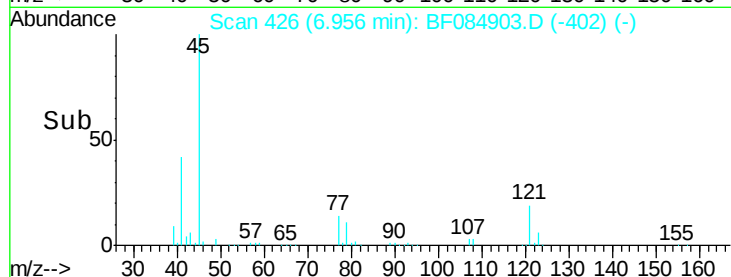
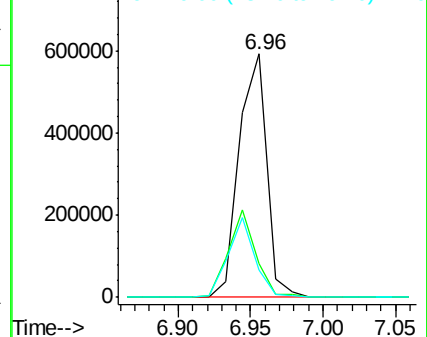


Abundance

Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 39.92 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion: 107 Resp: 399875

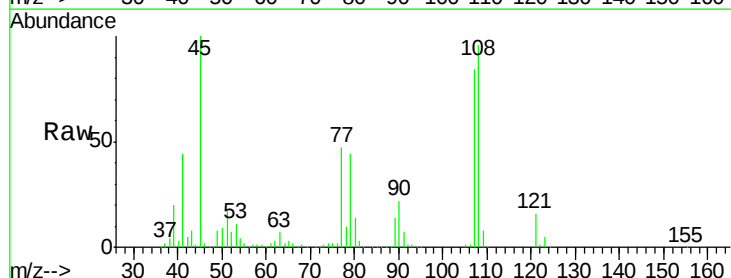
Ion Ratio Lower Upper

107 100

108 115.2 89.8 134.6

77 56.7 35.7 53.5#

79 52.2 35.7 53.5



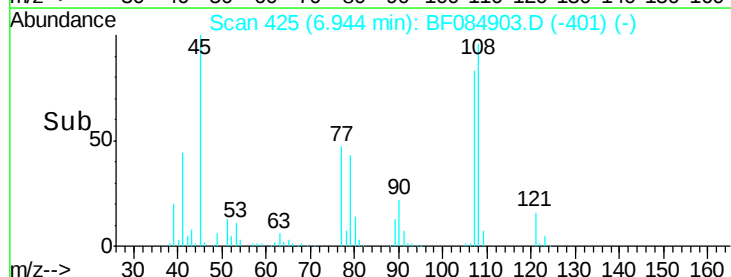
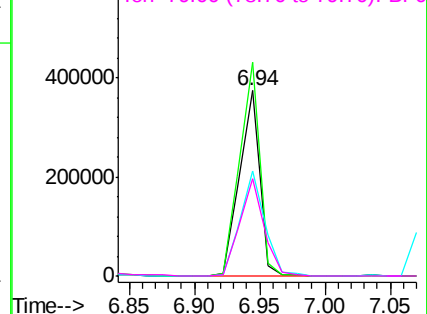
Abundance

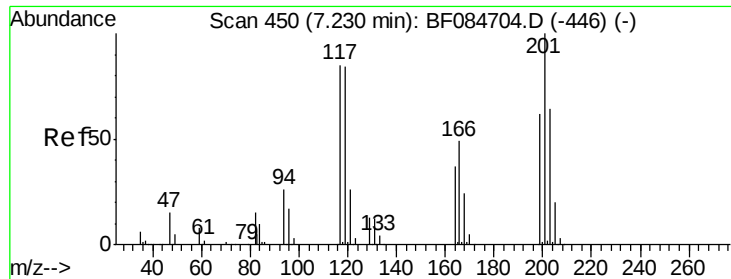
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

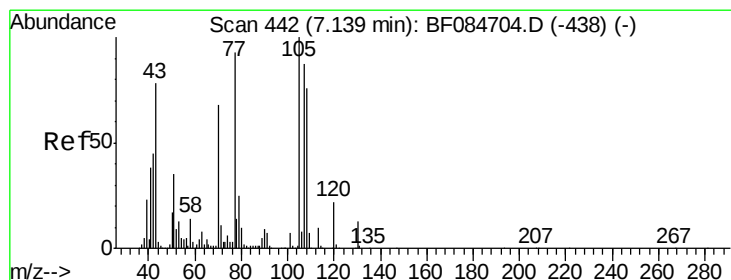
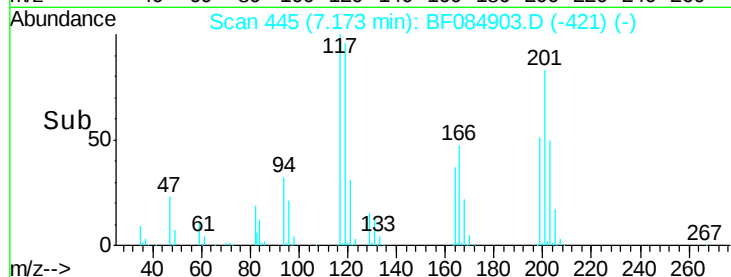
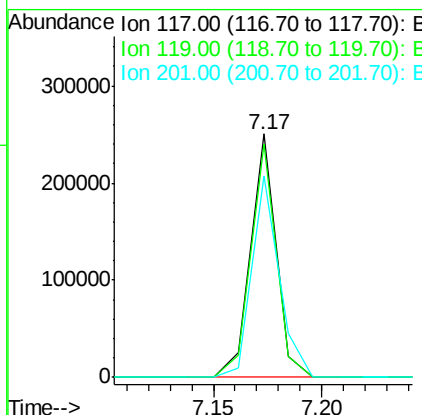
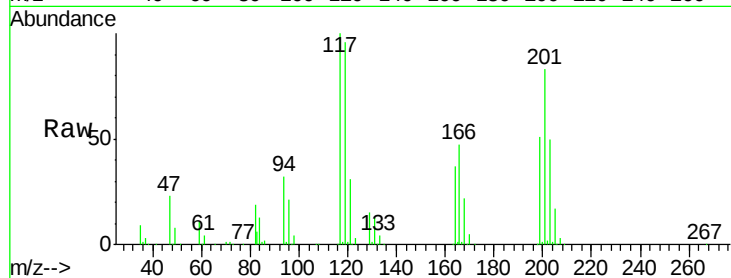




#18
Hexachloroethane
Concen: 39.61 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

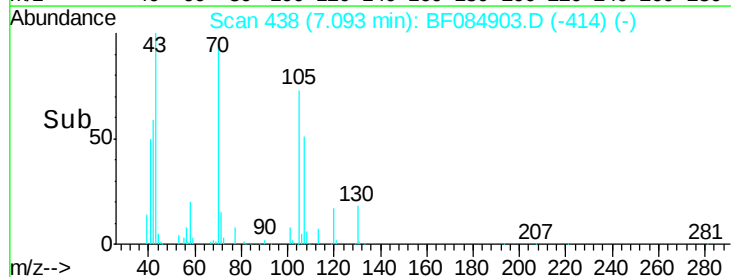
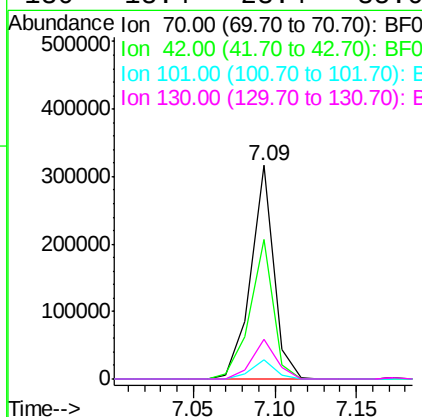
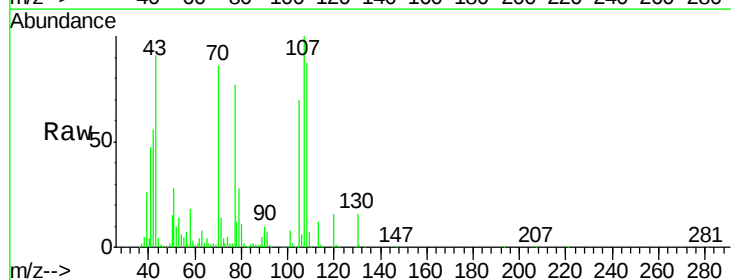
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

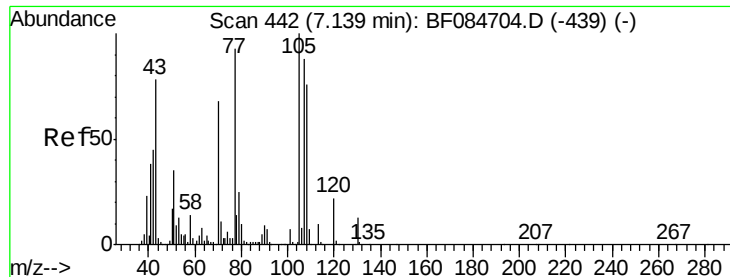
Tgt Ion: 117 Resp: 204043
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
201 82.6 68.6 103.0



#19
n-Nitroso-di-n-propylamine
Concen: 35.80 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion: 70 Resp: 311317
Ion Ratio Lower Upper
70 100
42 65.3 33.3 49.9#
101 8.9 9.3 13.9#
130 18.4 23.4 35.0#

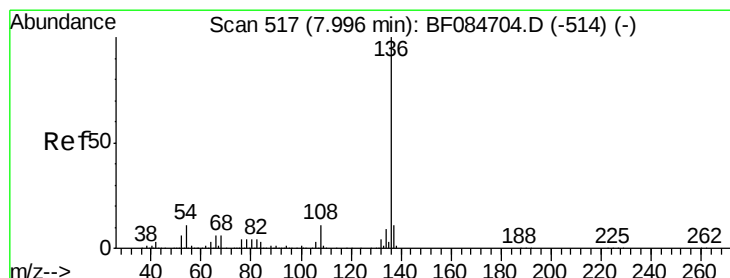
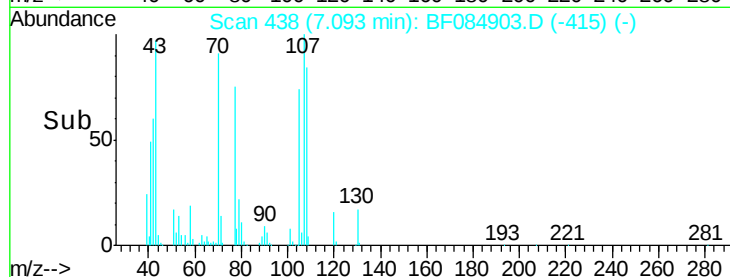
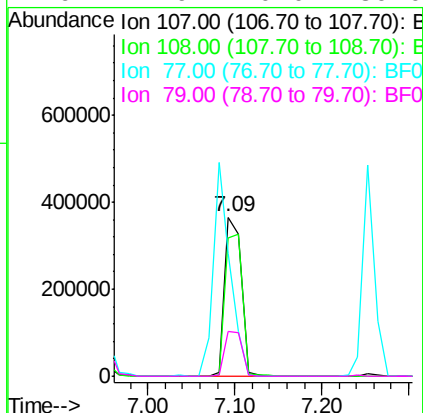
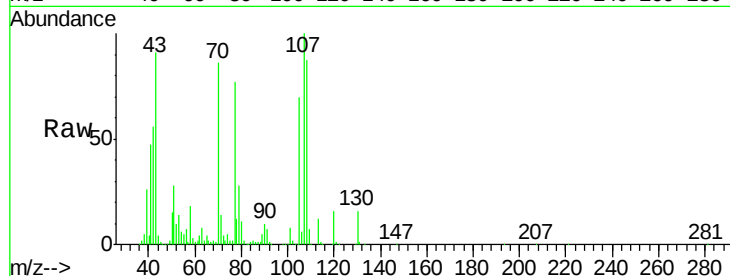




#20
3+4-Methylphenols
Concen: 39.55 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

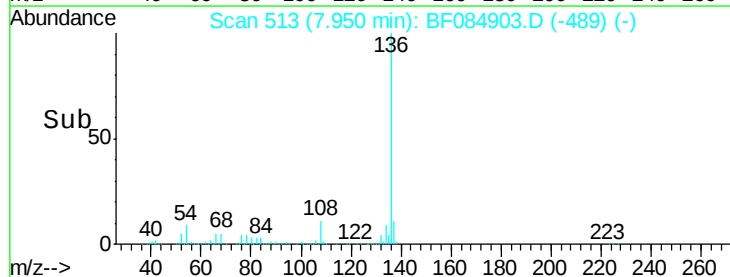
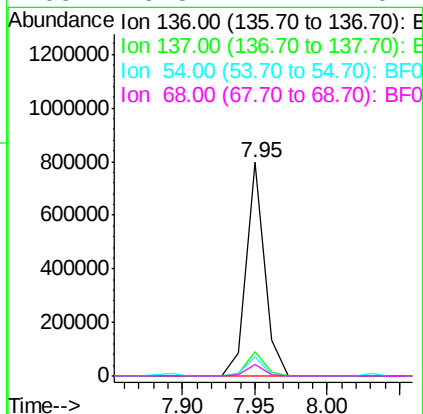
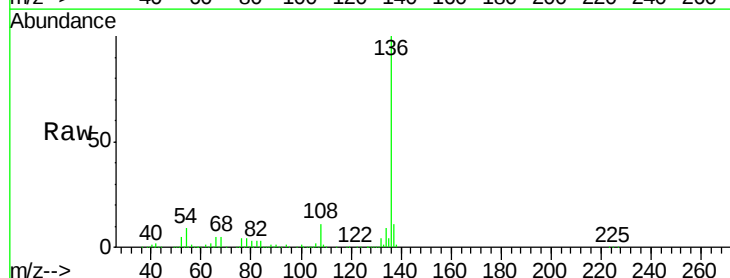
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

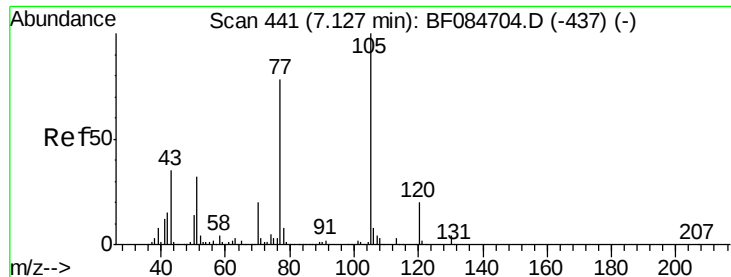
Tgt Ion:107 Resp: 491788
Ion Ratio Lower Upper
107 100
108 87.0 74.6 114.6
77 77.0 0.7 40.7#
79 27.9 0.0 39.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:136 Resp: 699387
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.1 5.8 8.8#
68 5.3 4.2 6.2

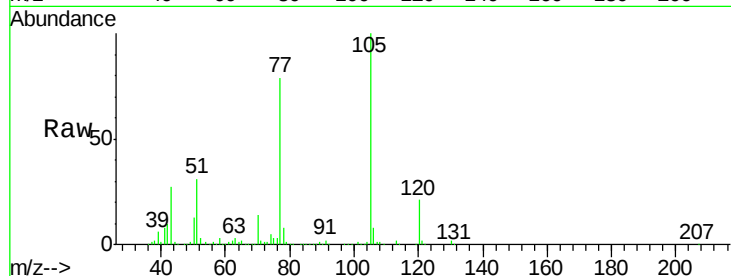




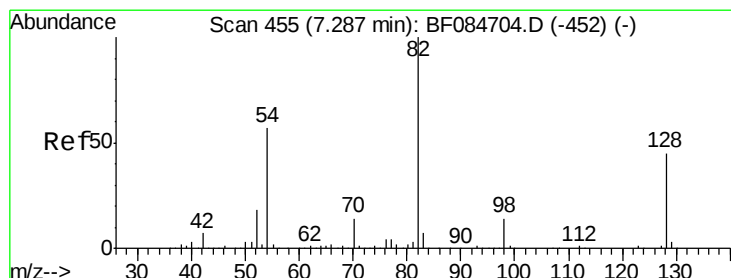
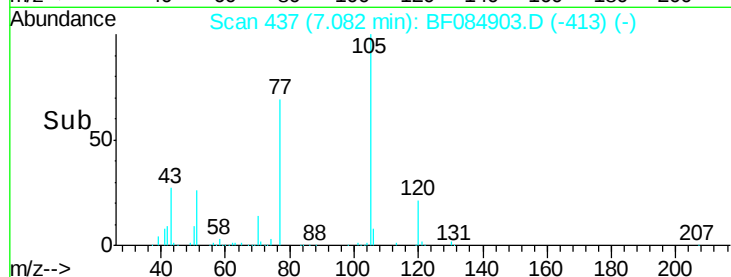
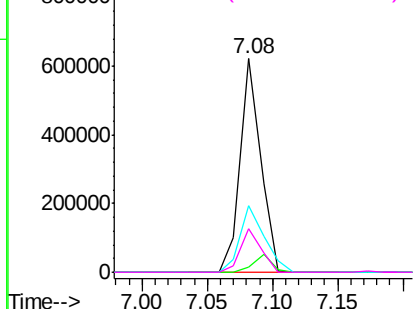
#22
Acetophenone
Concen: 36.65 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:105 Resp: 675510
Ion Ratio Lower Upper
105 100
71 2.3 3.7 5.5#
51 31.1 25.1 37.7
120 20.5 16.6 25.0

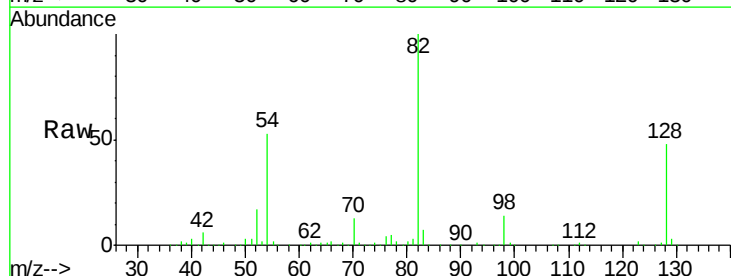


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

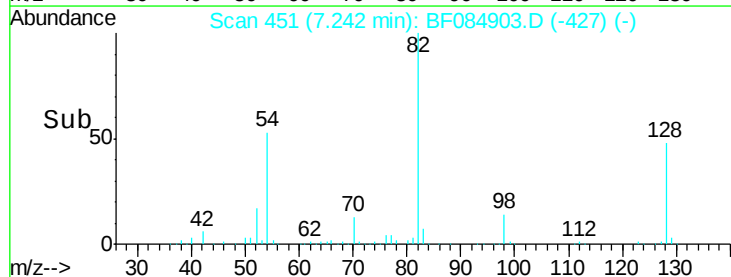
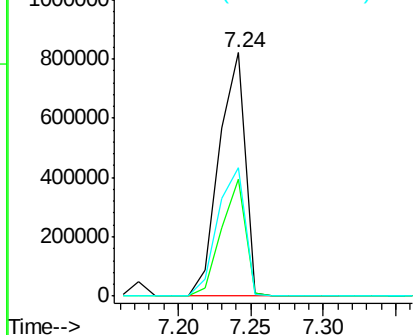


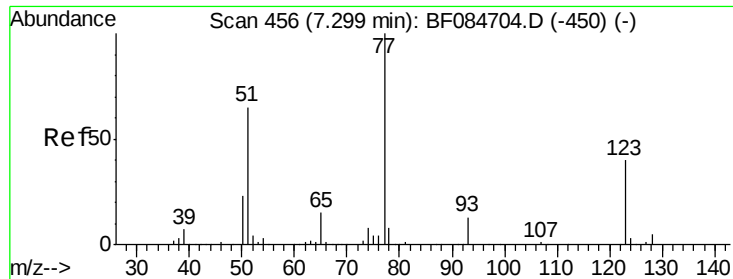
#23
Nitrobenzene-d5
Concen: 82.18 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion: 82 Resp: 1020287
Ion Ratio Lower Upper
82 100
128 48.0 34.6 51.8
54 53.0 38.4 57.6



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

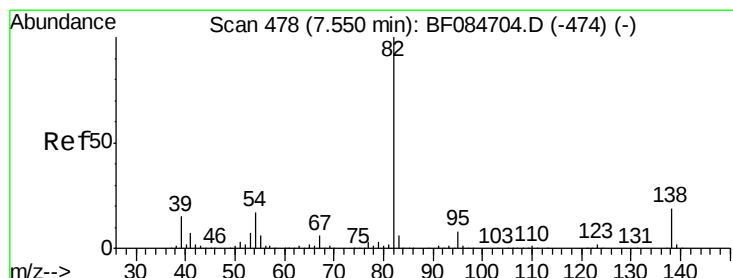
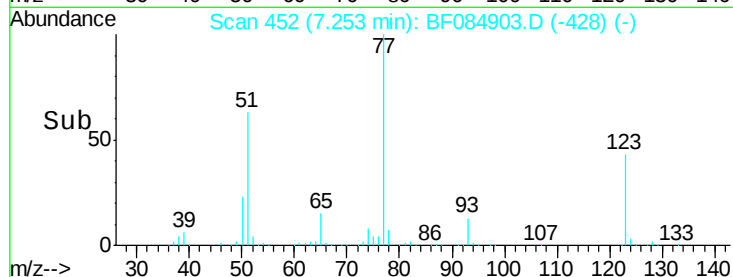
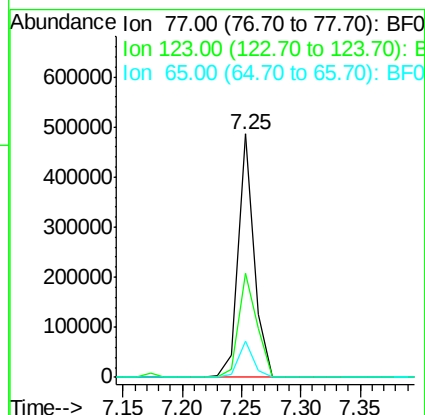
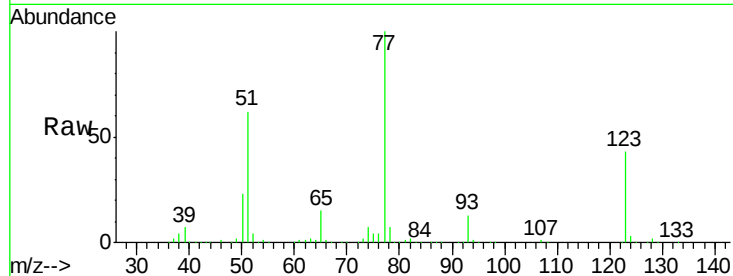




#24
Nitrobenzene
Concen: 34.12 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

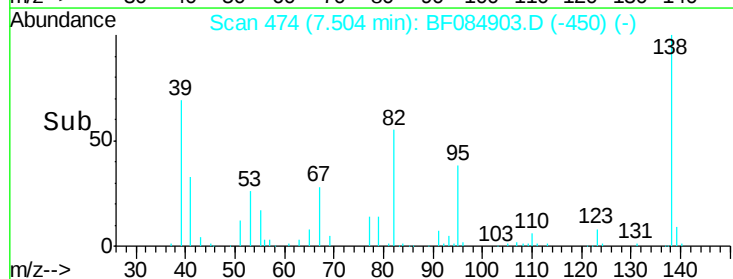
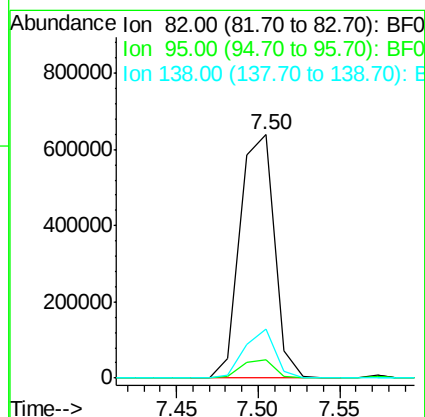
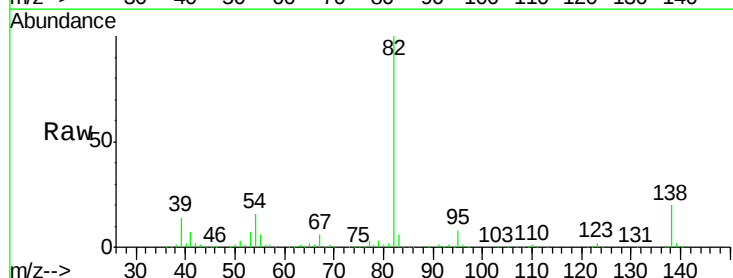
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

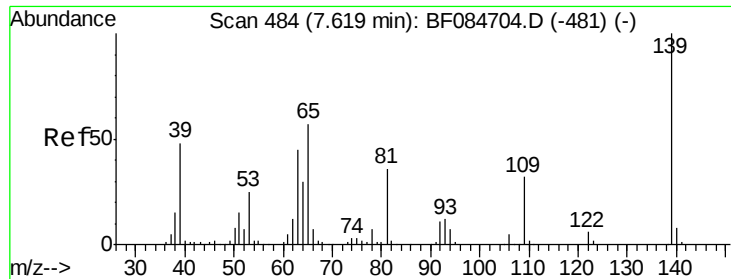
Tgt Ion: 77 Resp: 453654
Ion Ratio Lower Upper
77 100
123 42.9 37.4 56.2
65 14.9 10.9 16.3



#25
Isophorone
Concen: 38.52 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion: 82 Resp: 930044
Ion Ratio Lower Upper
82 100
95 7.8 6.6 10.0
138 20.3 13.6 20.4

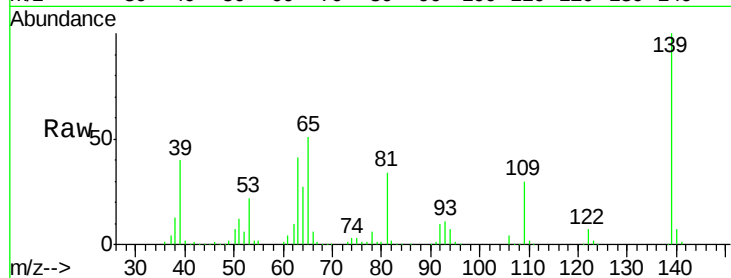




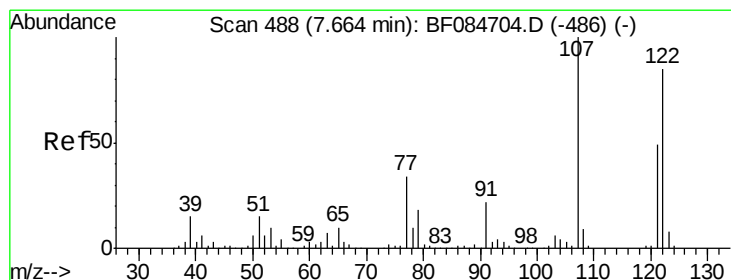
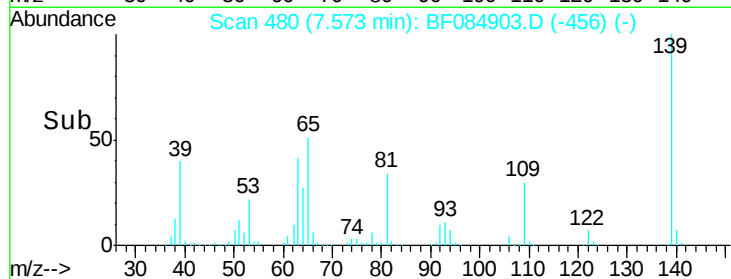
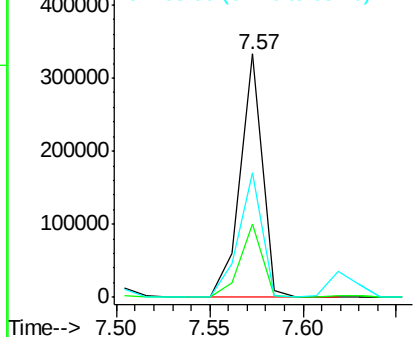
#26
2-Nitrophenol
Concen: 42.19 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 276675
Ion Ratio Lower Upper
139 100
109 30.4 25.4 38.2
65 51.2 32.3 48.5#

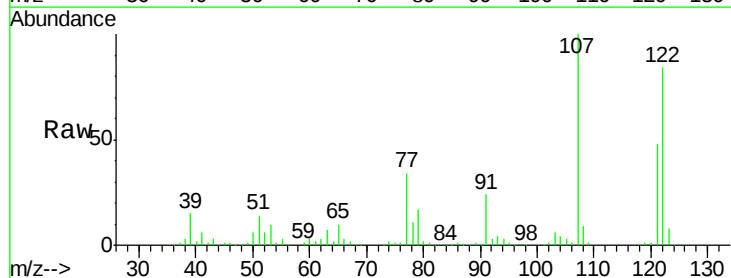


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

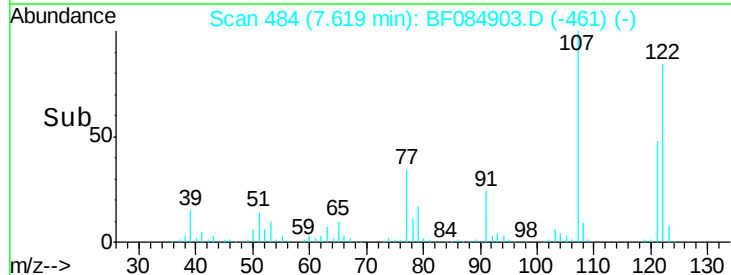
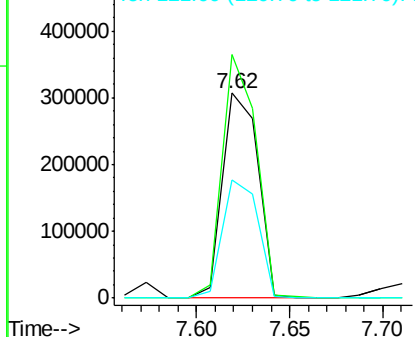


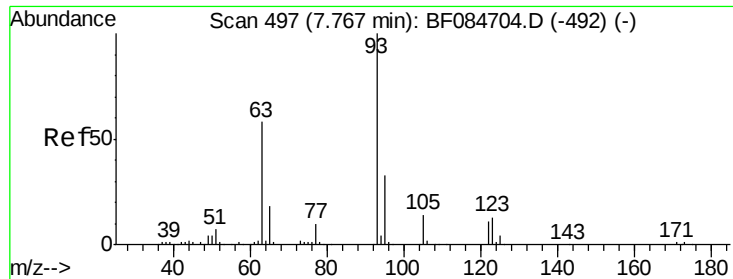
#27
2,4-Dimethylphenol
Concen: 36.01 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:122 Resp: 410754
Ion Ratio Lower Upper
122 100
107 118.9 99.1 148.7
121 57.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

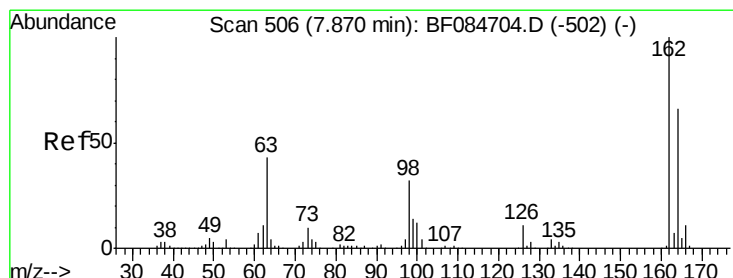
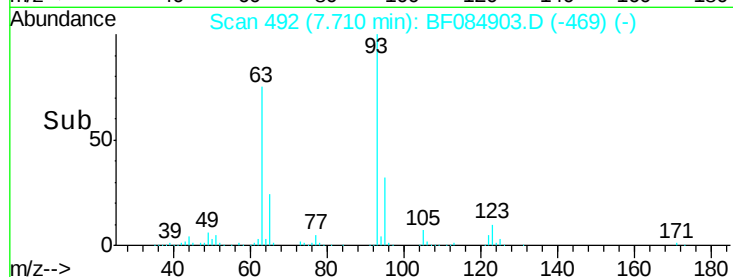
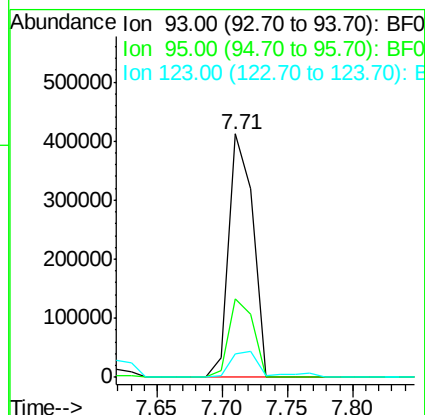
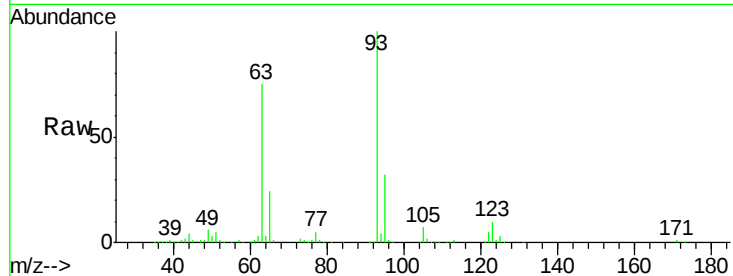




#28
 bis(2-Chloroethoxy)methane
 Concen: 36.73 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

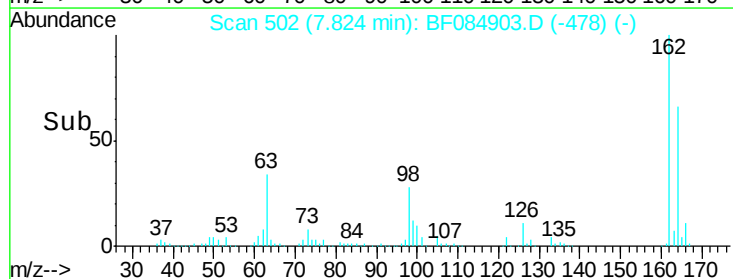
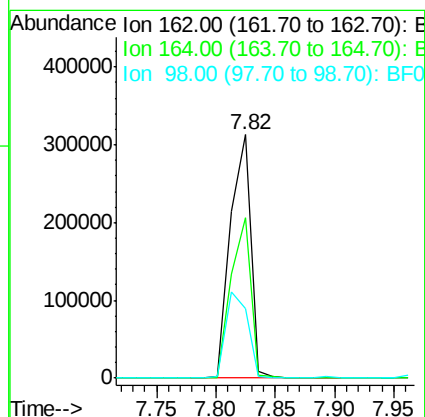
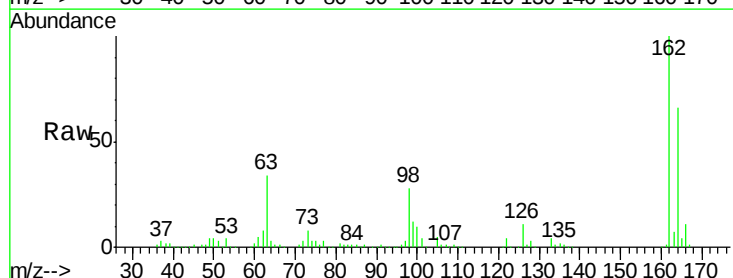
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

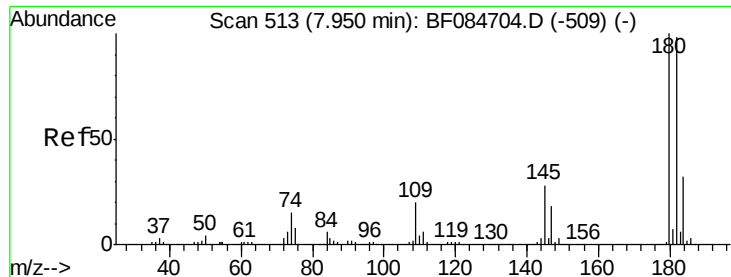
Tgt Ion: 93 Resp: 526020
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.8 38.6
 123 9.7 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 38.12 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion: 162 Resp: 372009
 Ion Ratio Lower Upper
 162 100
 164 66.0 44.1 84.1
 98 28.4 20.2 60.2

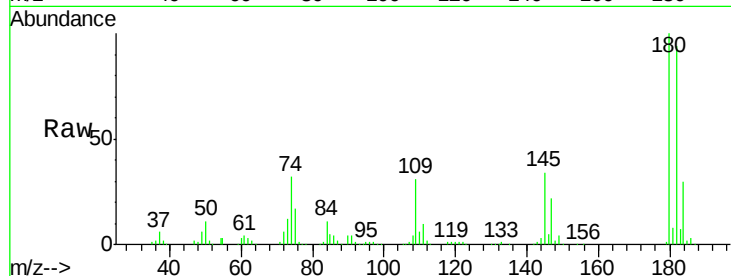




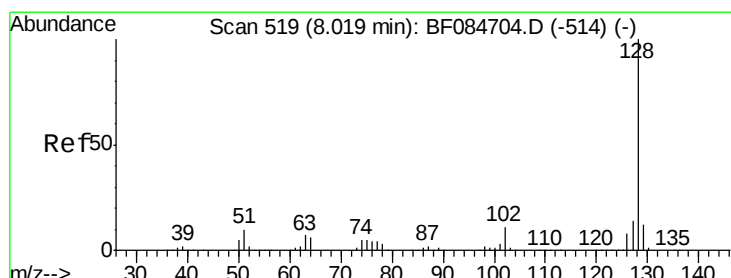
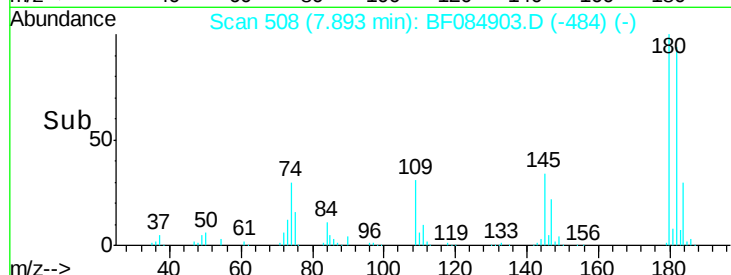
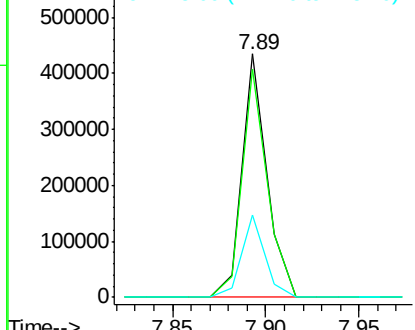
#30
1,2,4-Trichlorobenzene
Concen: 36.53 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:180 Resp: 402664
Ion Ratio Lower Upper
180 100
182 93.8 76.4 114.6
145 34.1 31.6 47.4

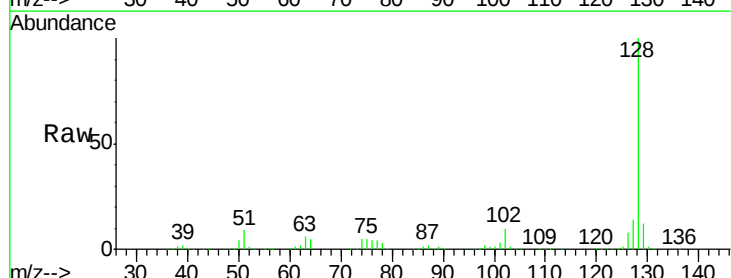


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

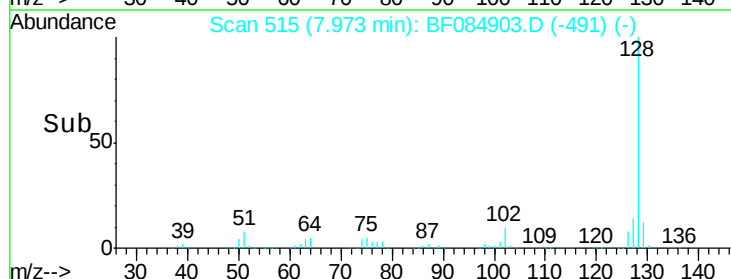
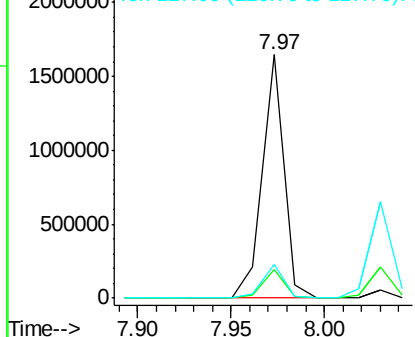


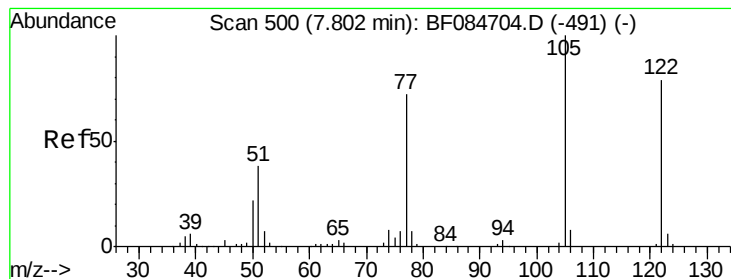
#31
Naphthalene
Concen: 38.12 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:128 Resp: 1337257
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.8 11.1 16.7



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: 33.57 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

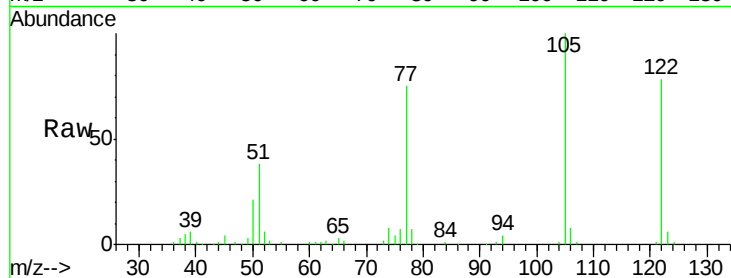
Tgt Ion:122 Resp: 244930

Ion Ratio Lower Upper

122 100

105 127.6 100.3 140.3

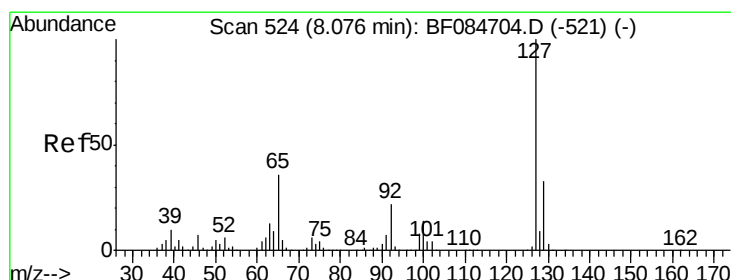
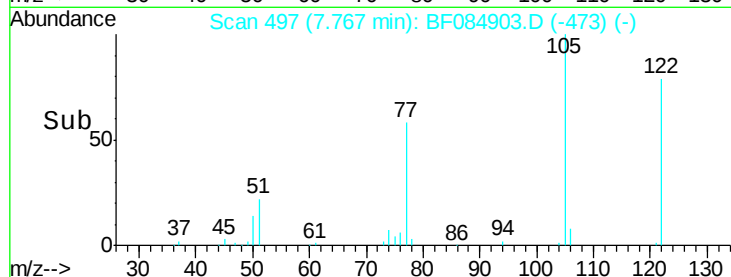
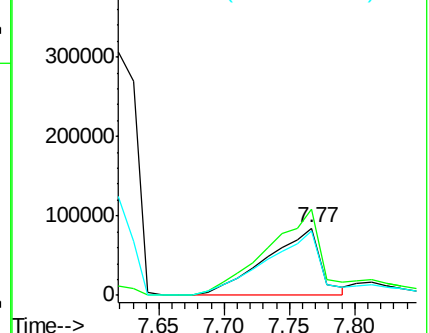
77 96.0 63.5 103.5



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: 37.35 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:127 Resp: 541915

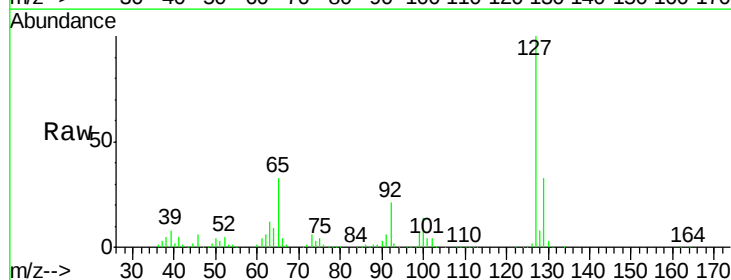
Ion Ratio Lower Upper

127 100

129 32.7 26.5 39.7

65 33.0 27.2 40.8

92 21.1 17.7 26.5

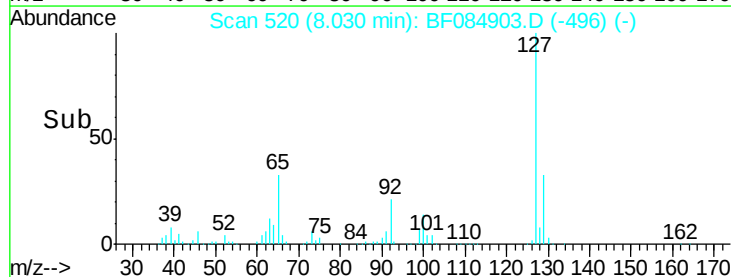
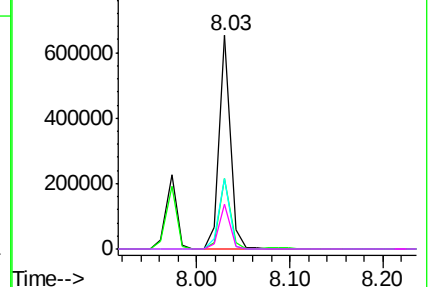


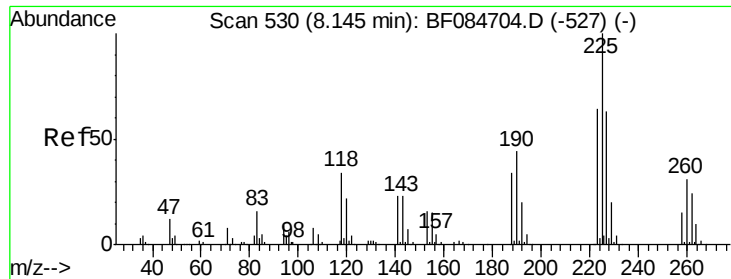
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

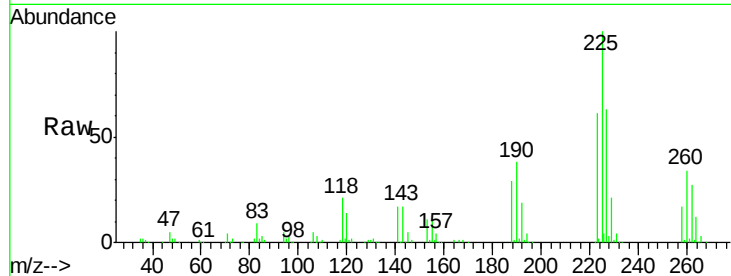




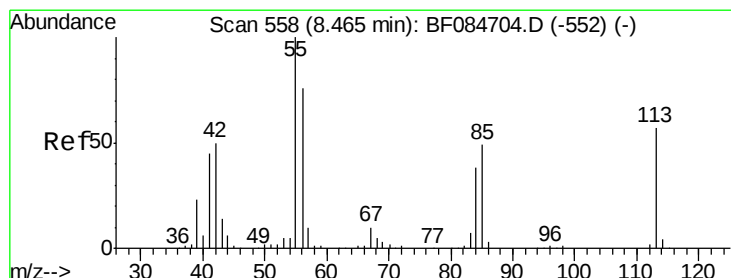
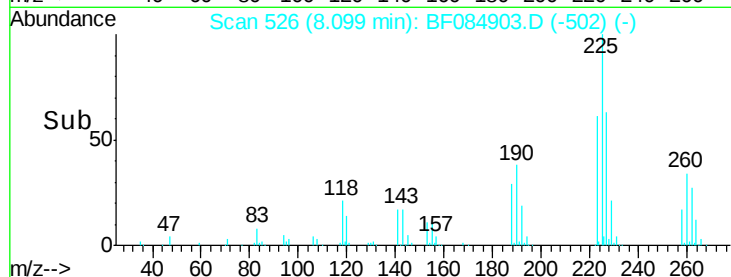
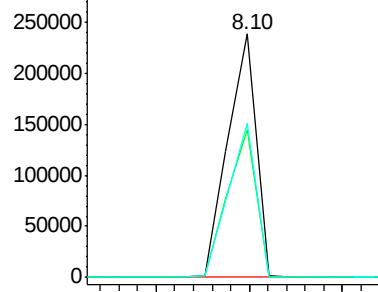
#34
Hexachlorobutadiene
Concen: 39.46 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 225 Resp: 250801
Ion Ratio Lower Upper
225 100
223 60.9 49.4 74.0
227 63.2 50.8 76.2

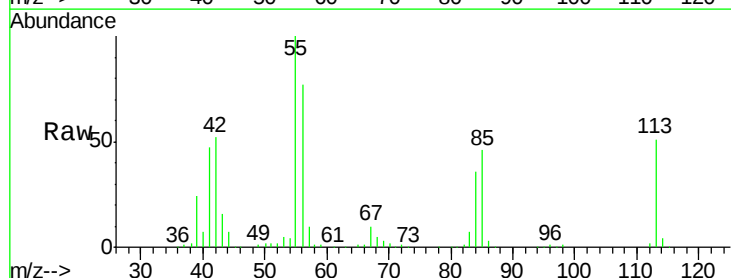


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

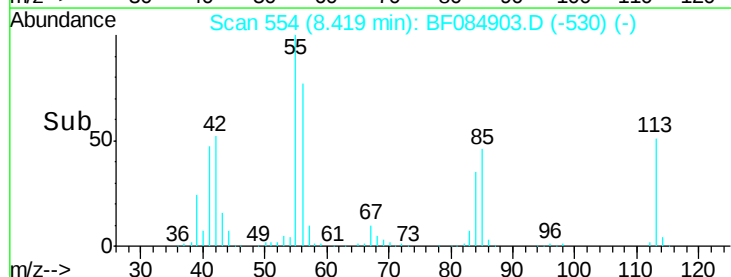
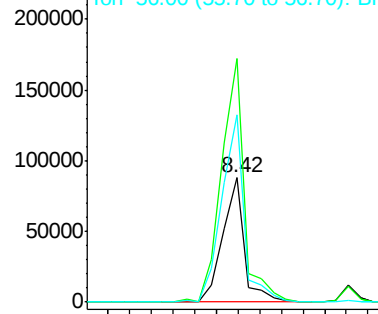


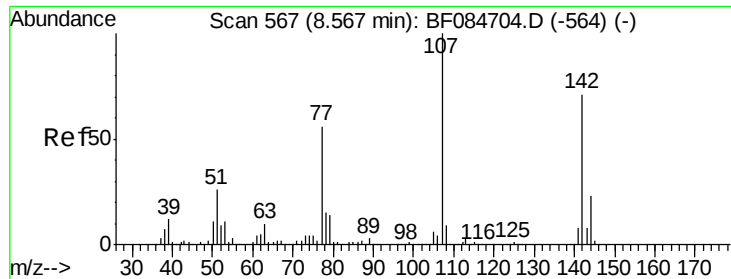
#35
Caprolactam
Concen: 39.87 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion: 113 Resp: 119917
Ion Ratio Lower Upper
113 100
55 196.3 116.9 156.9#
56 150.5 93.8 133.8#



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

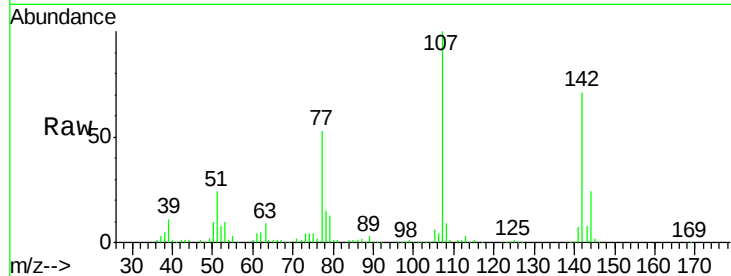




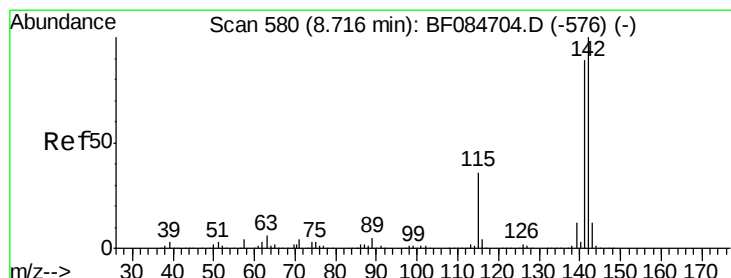
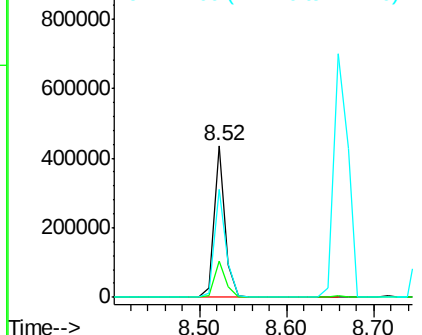
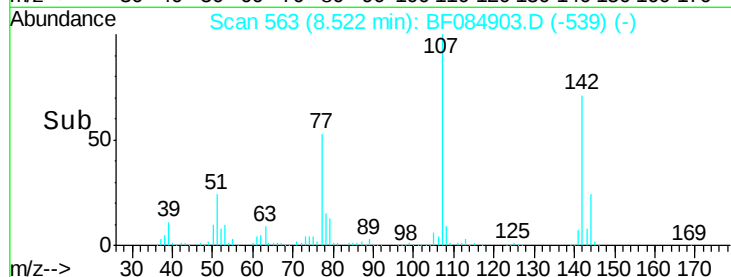
#36
 4-Chloro-3-methylphenol
 Concen: 35.05 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:107 Resp: 390183
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.7 29.5
 142 70.8 61.8 92.6

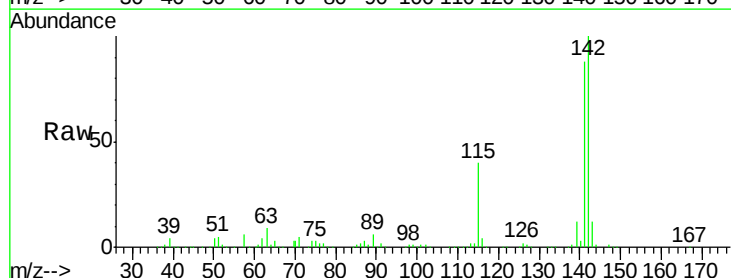


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

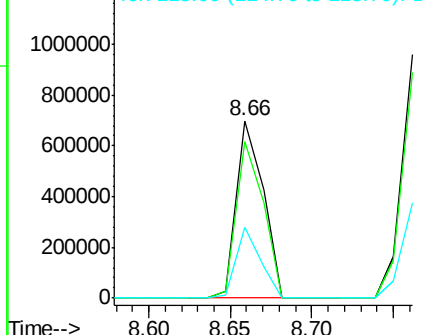
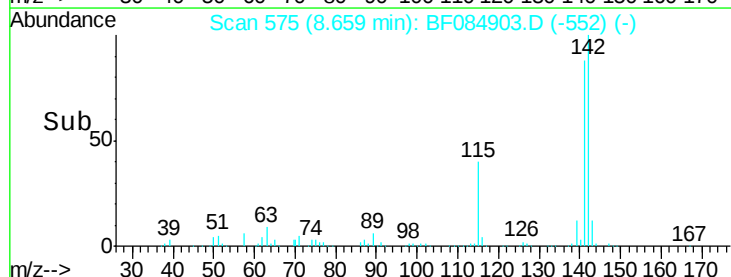


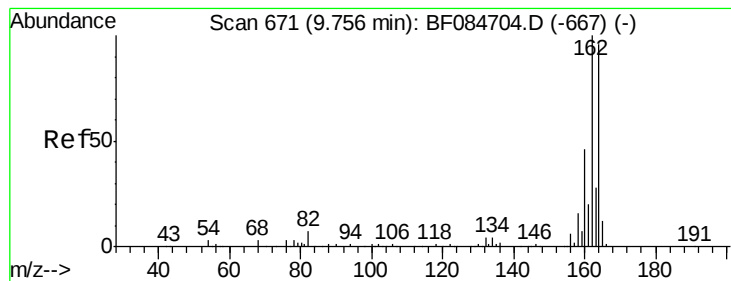
#37
 2-Methylnaphthalene
 Concen: 36.14 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion:142 Resp: 793544
 Ion Ratio Lower Upper
 142 100
 141 88.3 72.4 108.6
 115 39.8 27.9 41.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

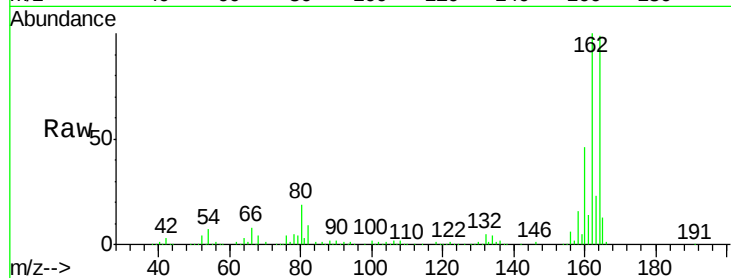
Tgt Ion:164 Resp: 314590

Ion Ratio Lower Upper

164 100

162 100.9 85.1 127.7

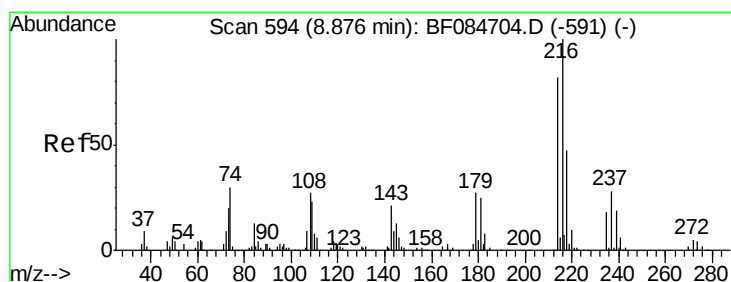
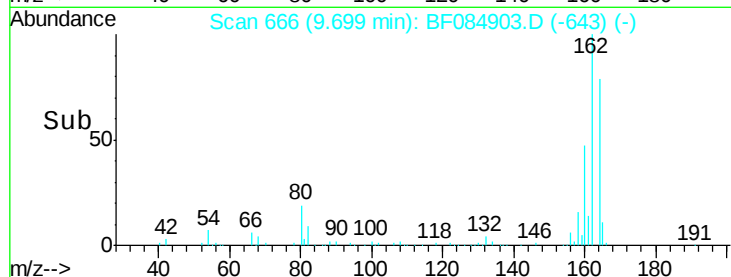
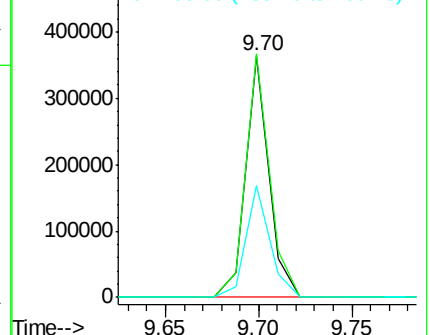
160 46.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.98 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:216 Resp: 399448

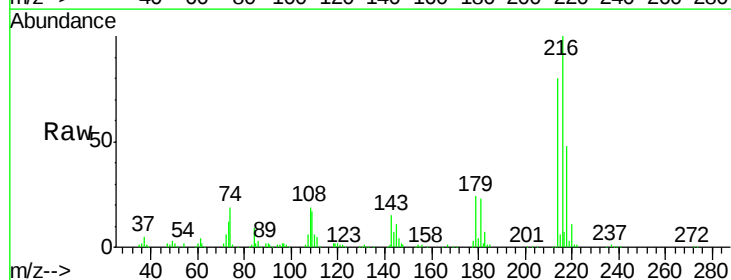
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 24.2 18.7 28.1

108 21.2 16.8 25.2

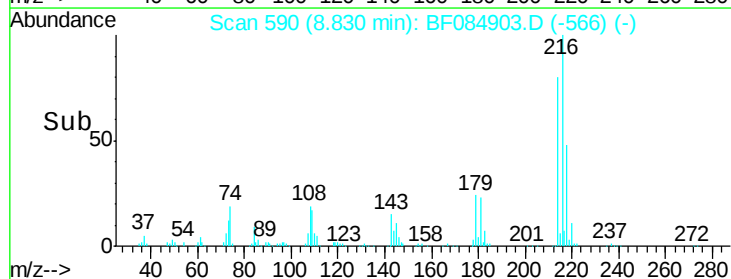
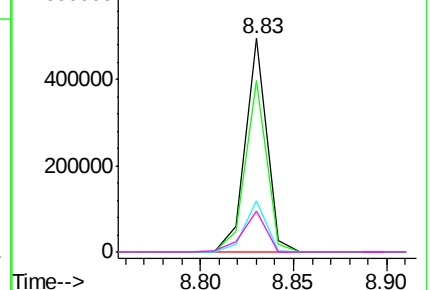


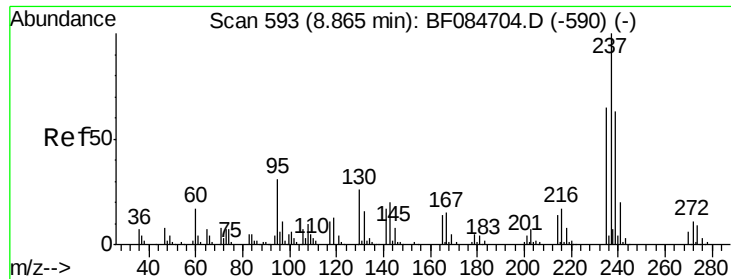
Abundance Ion 216.00 (215.70 to 216.70): E

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

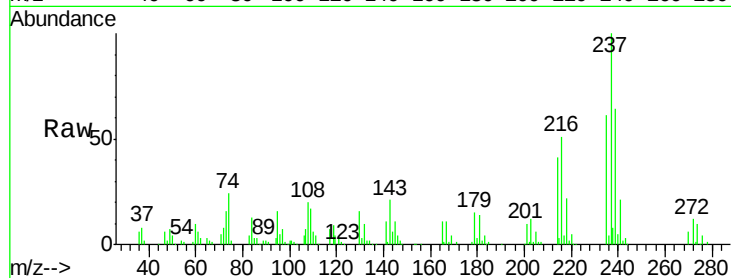




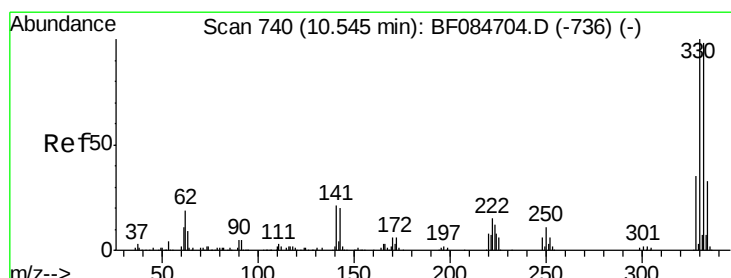
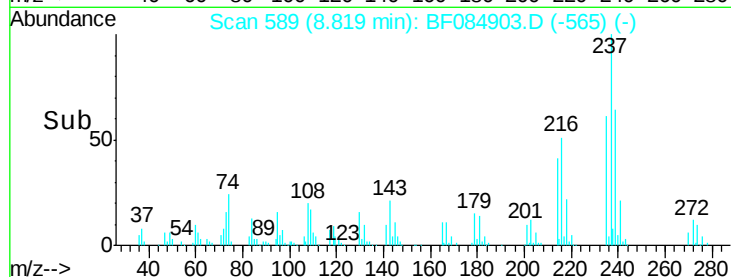
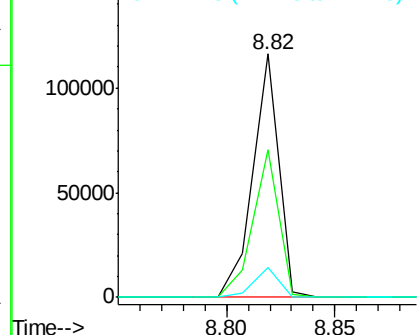
#40
Hexachlorocyclopentadiene
Concen: 29.90 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 96179
Ion Ratio Lower Upper
237 100
235 60.9 43.1 83.1
272 12.4 0.0 35.1

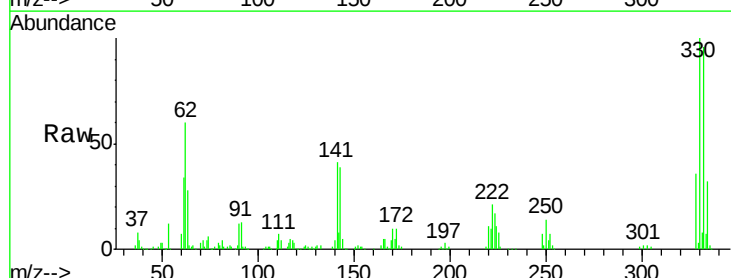


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

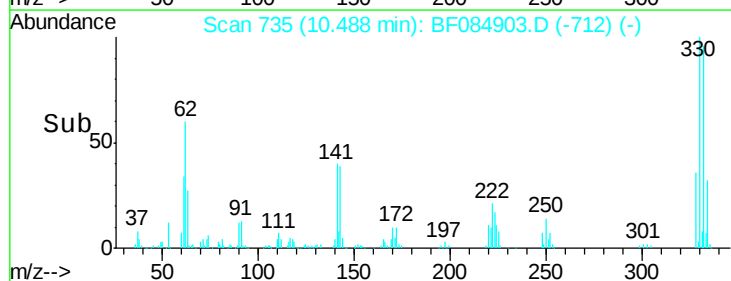
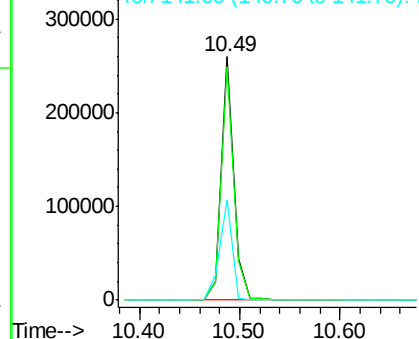


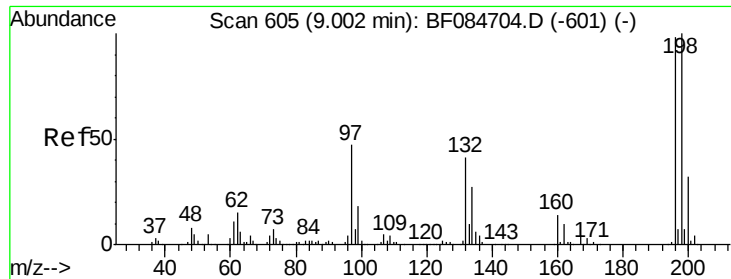
#41
2,4,6-Tribromophenol
Concen: 68.75 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:330 Resp: 225587
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 41.7 27.8 41.6#



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

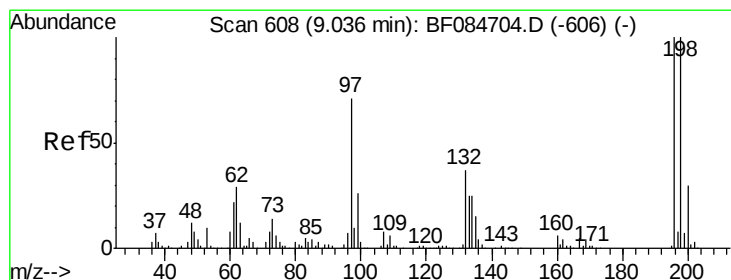
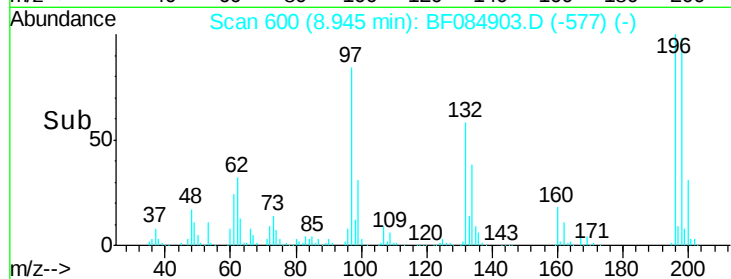
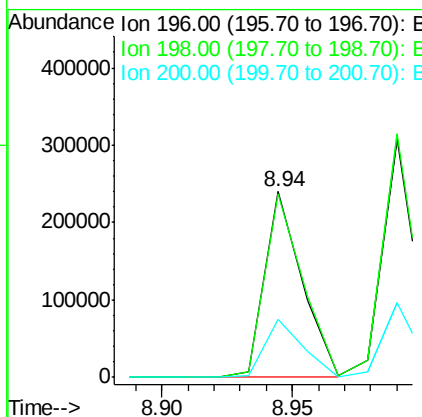
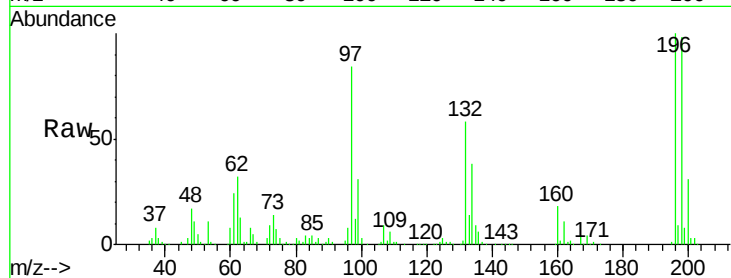




#42
 2,4,6-Trichlorophenol
 Concen: 37.14 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

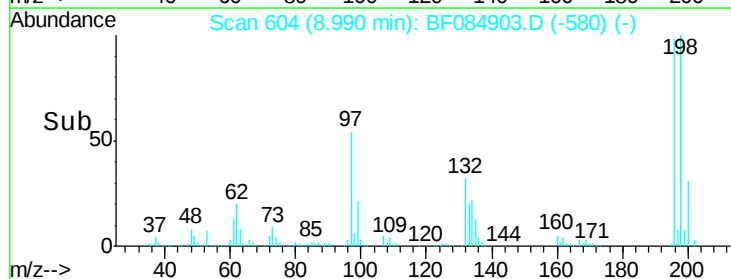
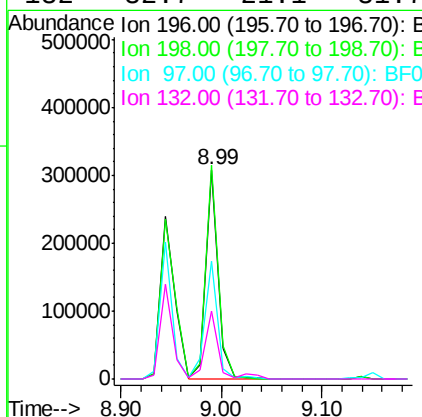
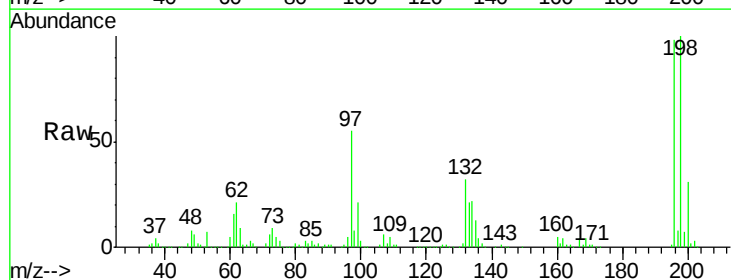
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

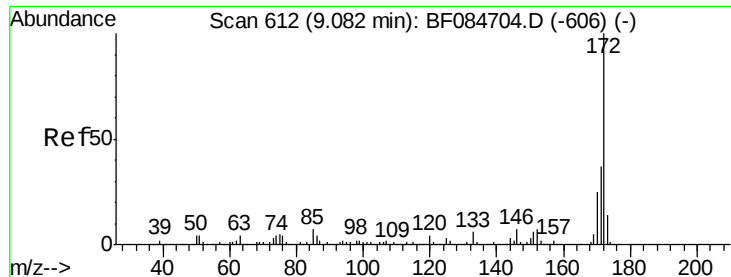
Tgt Ion:196 Resp: 239060
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.7 116.5
 200 31.3 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 40.52 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion:196 Resp: 265016
 Ion Ratio Lower Upper
 196 100
 198 102.2 79.0 118.6
 97 56.5 33.0 49.6#
 132 32.7 21.1 31.7#





#44

2-Fluorobiphenyl

Concen: 95.73 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

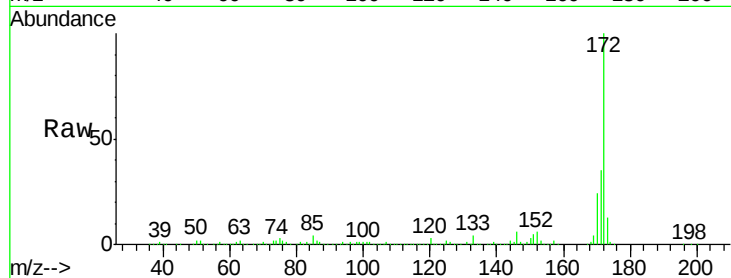
Tgt Ion:172 Resp: 1712532

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

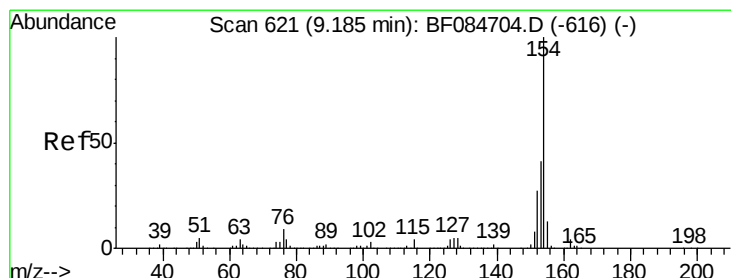
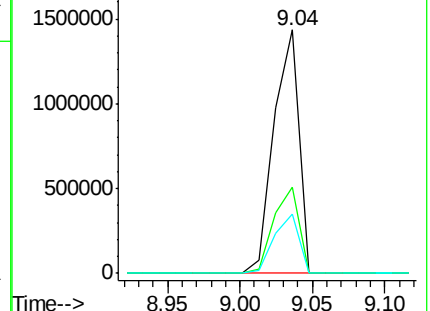
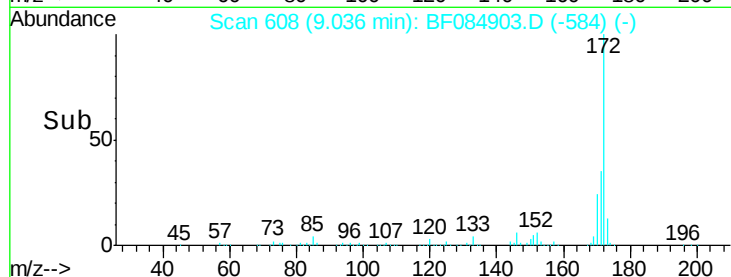
170 24.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 36.76 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

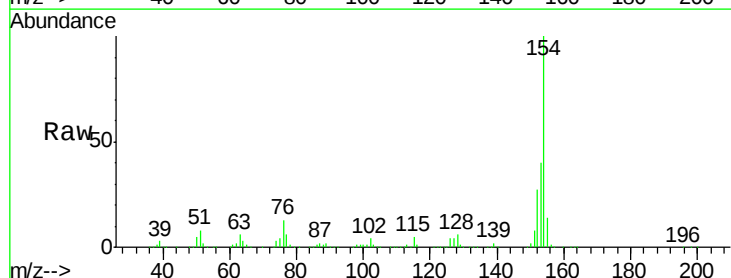
Tgt Ion:154 Resp: 1032860

Ion Ratio Lower Upper

154 100

153 40.4 21.6 61.6

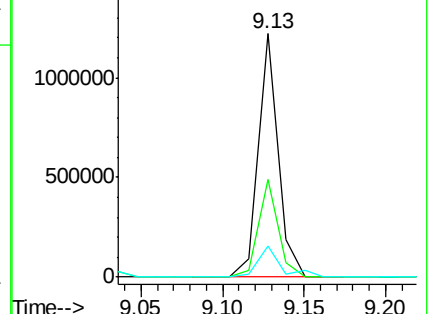
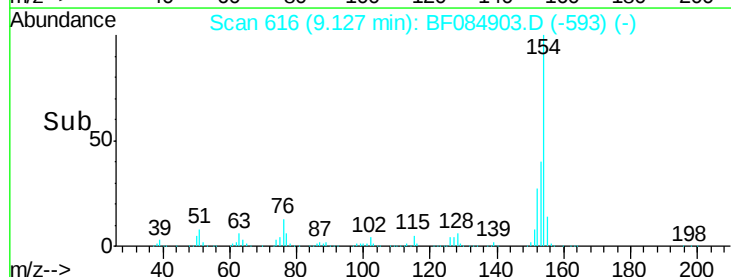
76 12.8 0.0 32.7

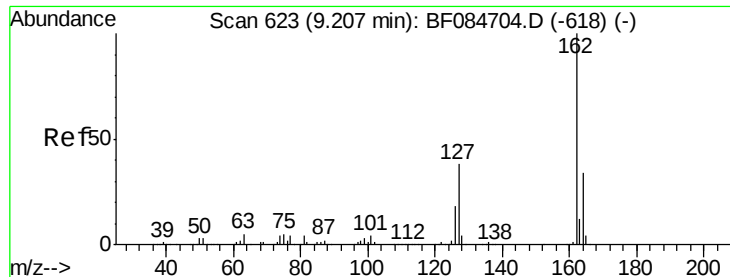


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

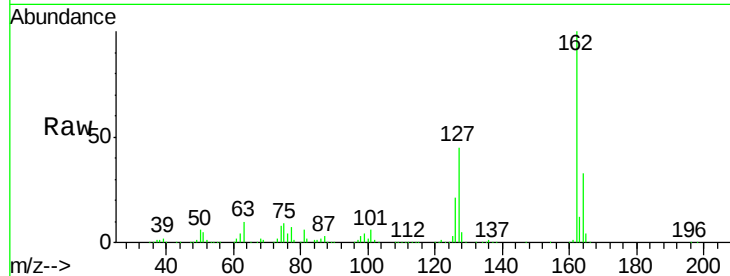




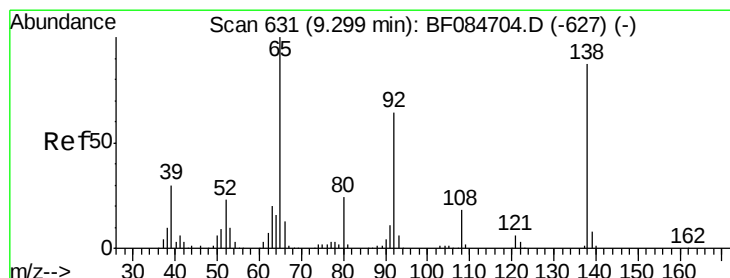
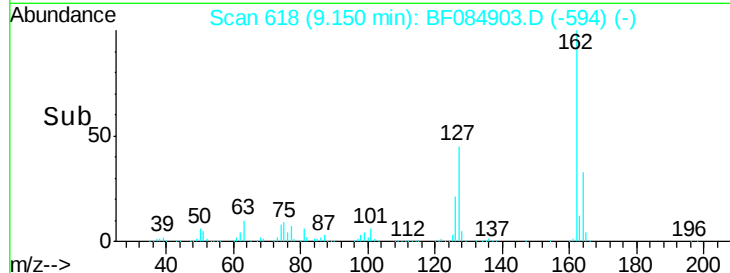
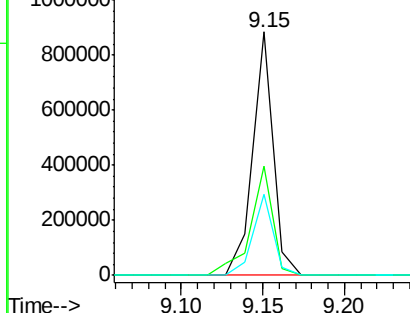
#46
2-Chloronaphthalene
Concen: 37.18 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 162 Resp: 769274
Ion Ratio Lower Upper
162 100
127 44.9 40.2 60.4
164 33.5 25.7 38.5

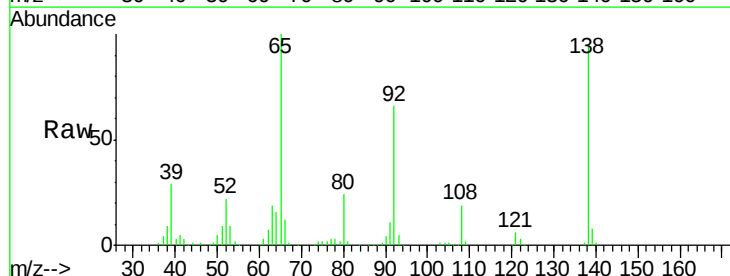


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

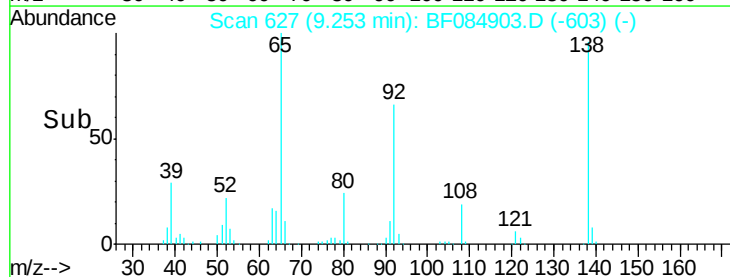
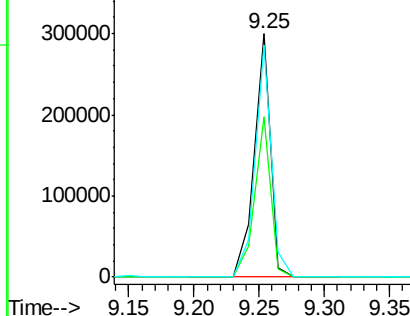


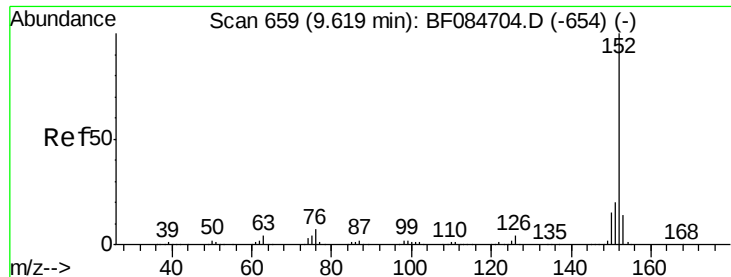
#47
2-Nitroaniline
Concen: 39.74 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion: 65 Resp: 260398
Ion Ratio Lower Upper
65 100
92 65.9 53.4 80.2
138 95.4 71.1 106.7



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: 37.78 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

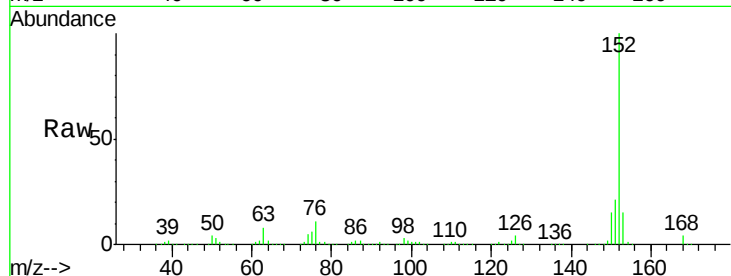
Tgt Ion:152 Resp: 1186507

Ion Ratio Lower Upper

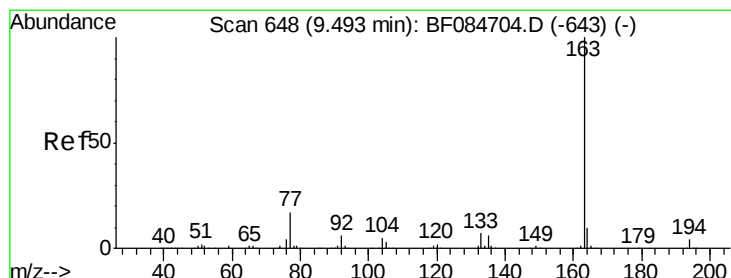
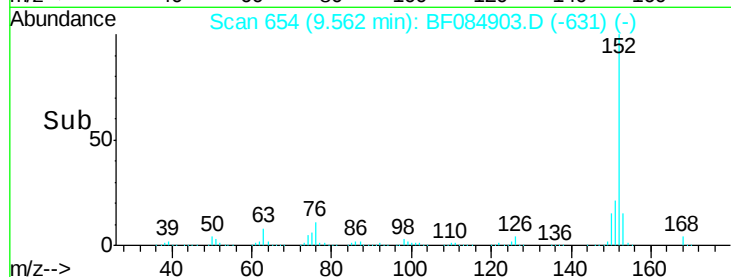
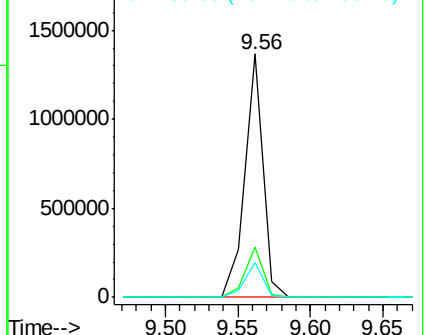
152 100

151 20.8 16.3 24.5

153 14.6 10.4 15.6



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: 37.63 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

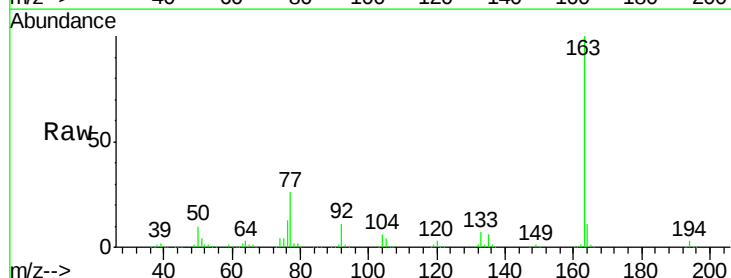
Tgt Ion:163 Resp: 901597

Ion Ratio Lower Upper

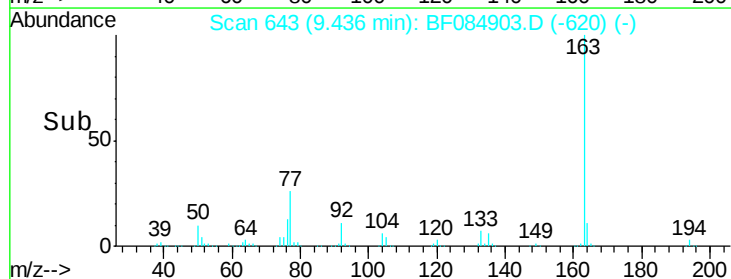
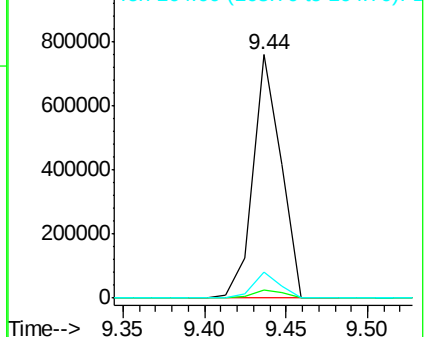
163 100

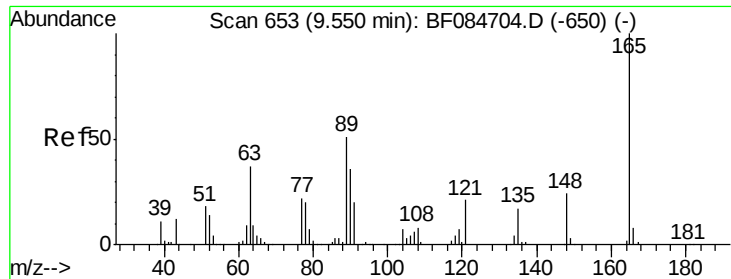
194 3.1 8.0 12.0#

164 10.5 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: 40.06 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

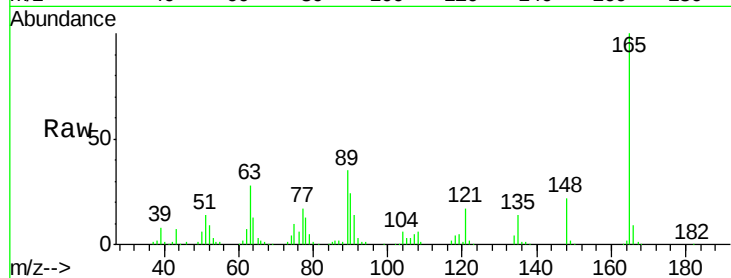
Tgt Ion:165 Resp: 209685

Ion Ratio Lower Upper

165 100

63 28.3 28.8 43.2#

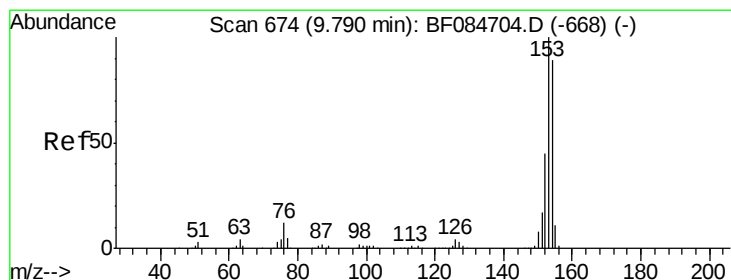
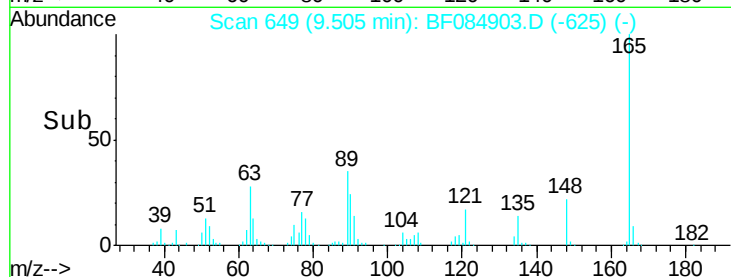
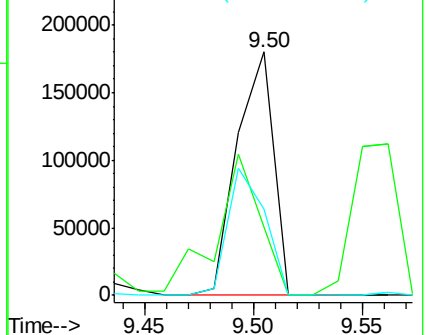
89 35.4 35.1 52.7



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: 36.09 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

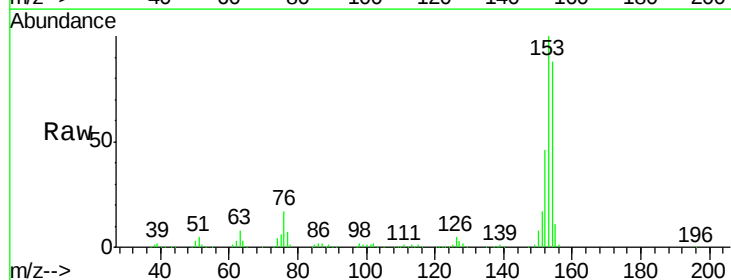
Tgt Ion:154 Resp: 737290

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

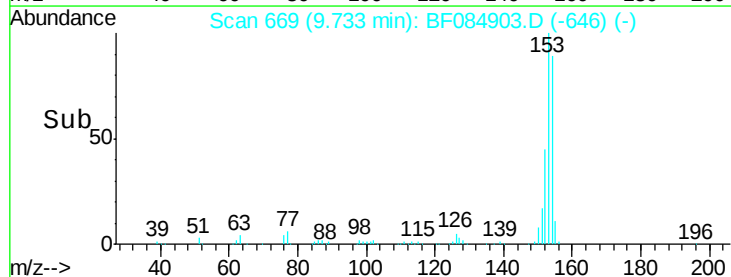
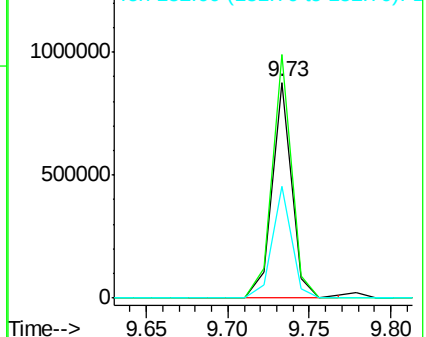
152 51.8 43.0 64.6

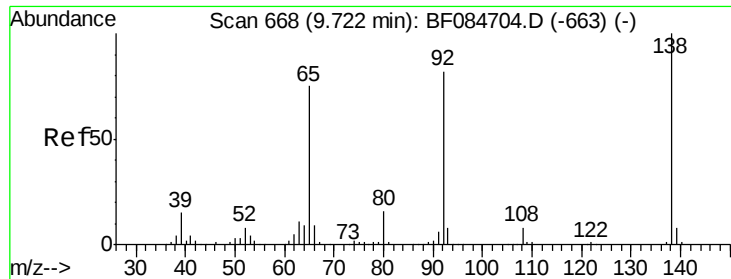


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

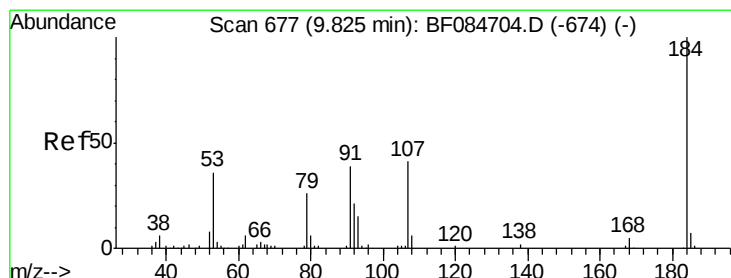
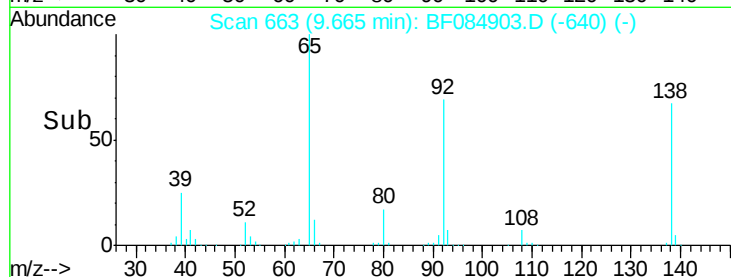
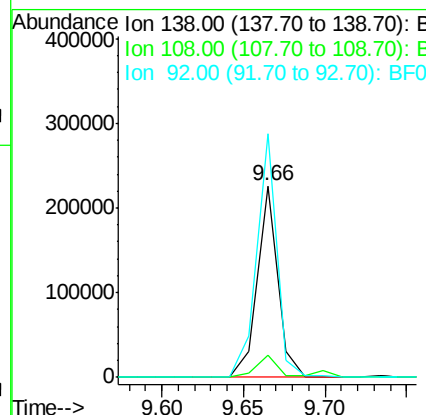
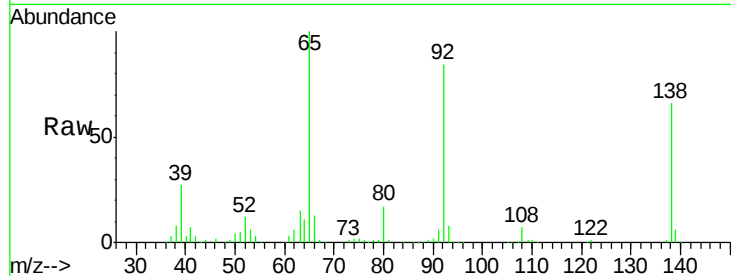




#52
 3-Nitroaniline
 Concen: 33.83 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

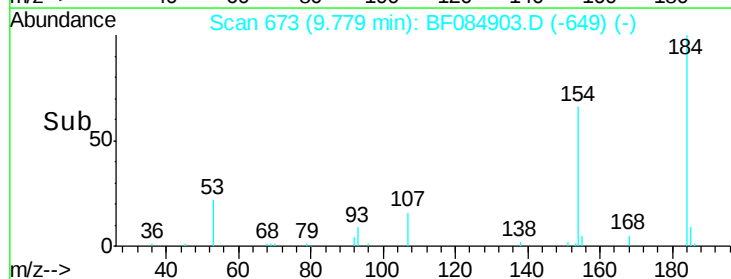
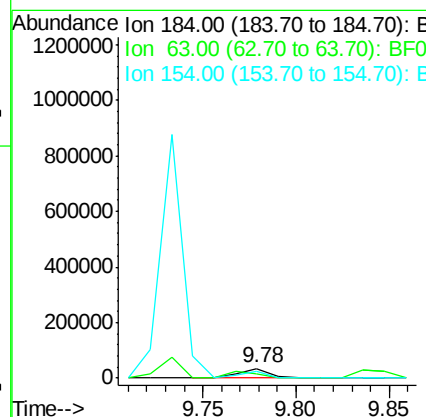
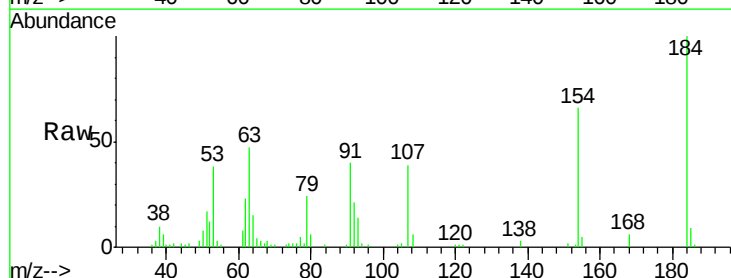
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

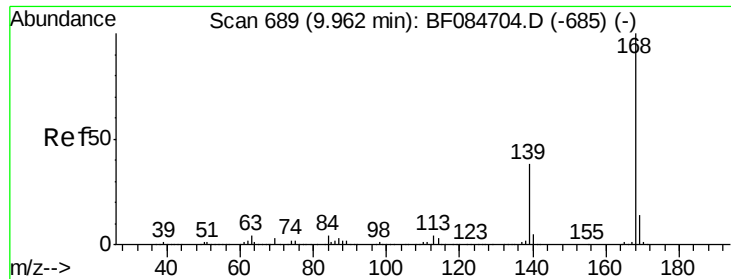
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.5	15.7
92	127.0	103.9	155.9



#53
 2,4-Dinitrophenol
 Concen: 21.86 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.1	43.1	64.7
154	66.3	60.5	90.7

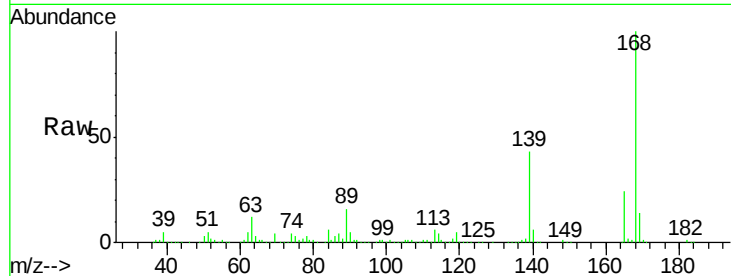




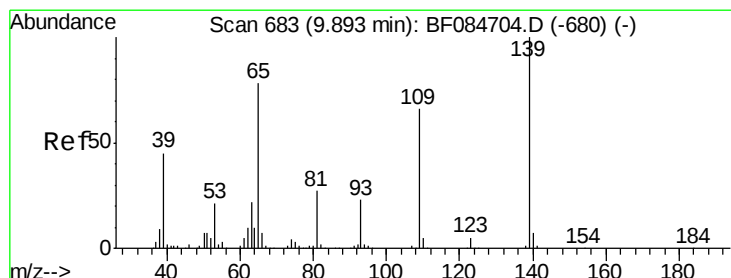
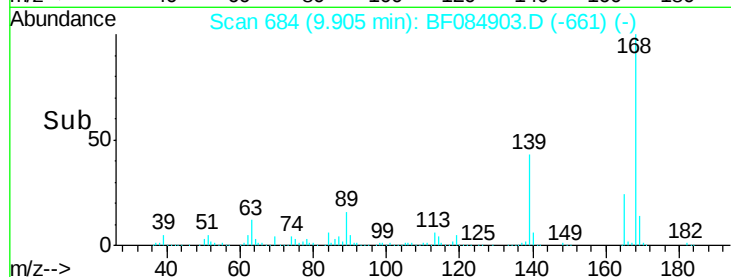
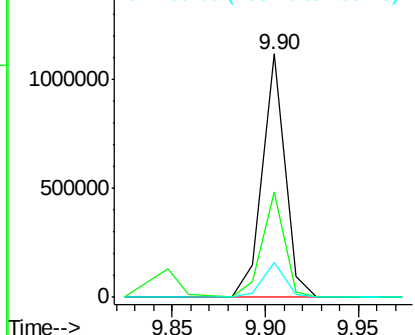
#54
Dibenzofuran
Concen: 37.41 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 933976
Ion Ratio Lower Upper
168 100
139 43.1 30.5 45.7
169 14.1 10.4 15.6

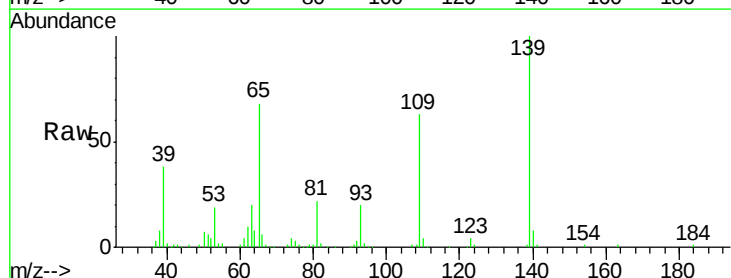


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

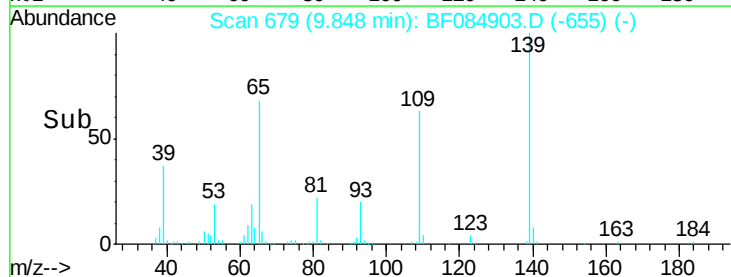
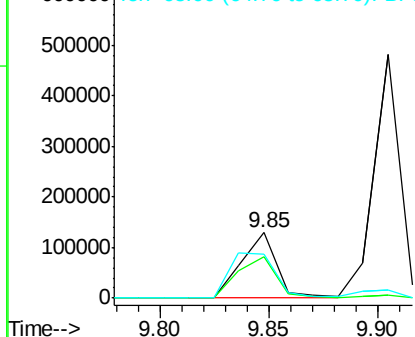


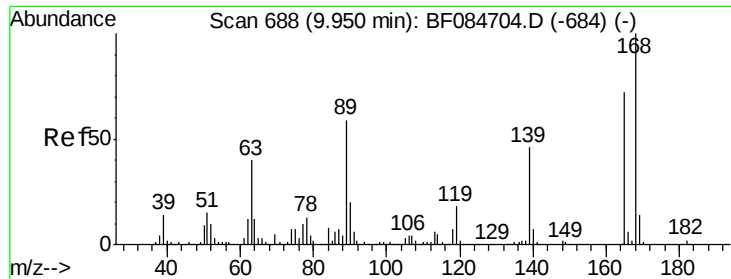
#55
4-Nitrophenol
Concen: 33.95 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:139 Resp: 146779
Ion Ratio Lower Upper
139 100
109 63.2 58.5 98.5
65 67.6 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

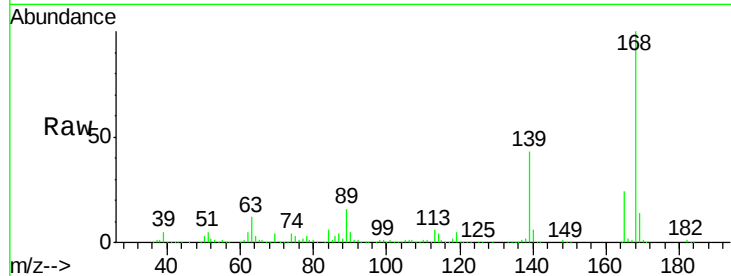




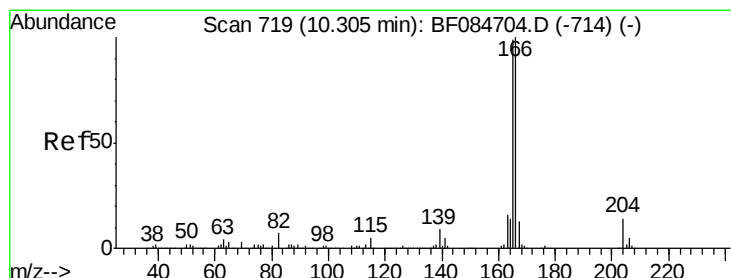
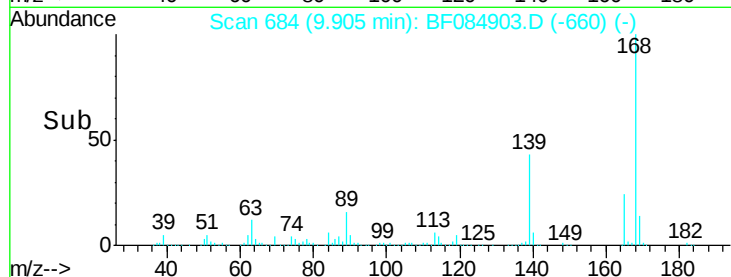
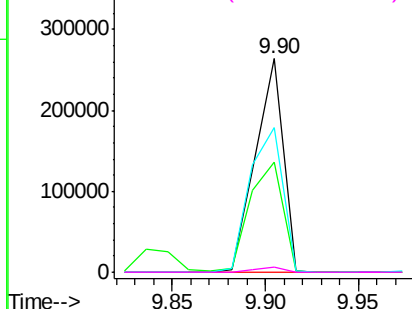
#56
2,4-Dinitrotoluene
Concen: 40.63 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	271282
Ion	Ratio	Lower	Upper
165	100		
63	51.6	36.7	55.1
89	67.9	61.9	92.9
182	2.3	2.0	3.0

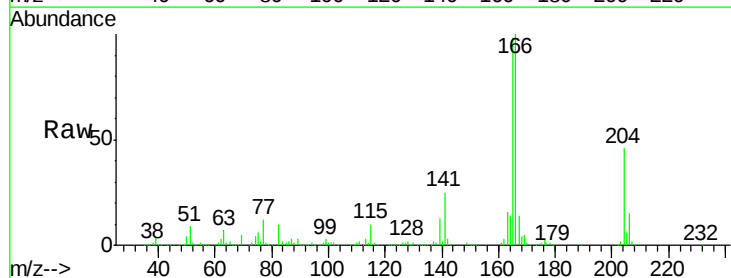


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

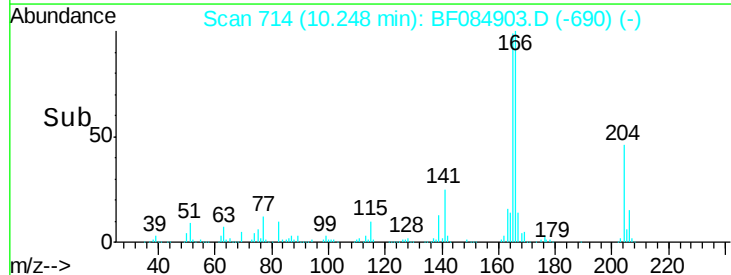
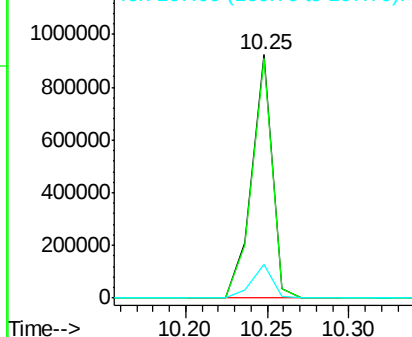


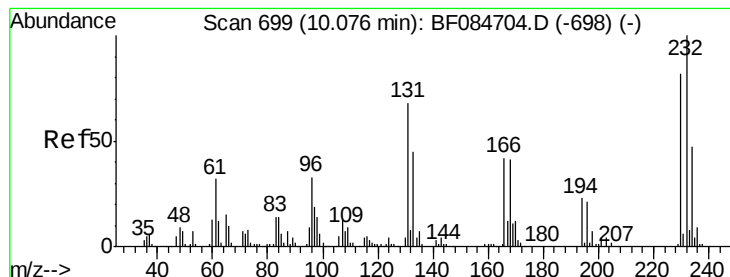
#57
Fluorene
Concen: 38.58 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:	166	Resp:	804401
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.7	10.4	15.6



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: 40.27 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 200476

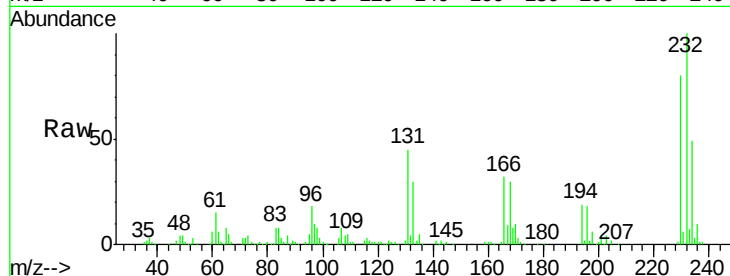
Ion Ratio Lower Upper

232 100

131 48.9 47.0 70.6

130 2.1 2.0 3.0

166 32.4 30.5 45.7

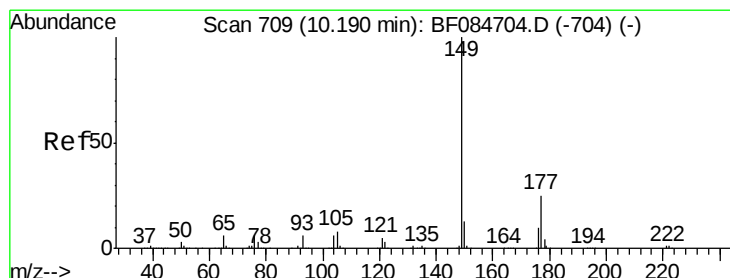
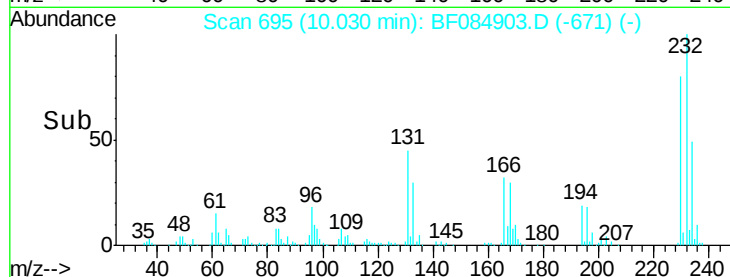
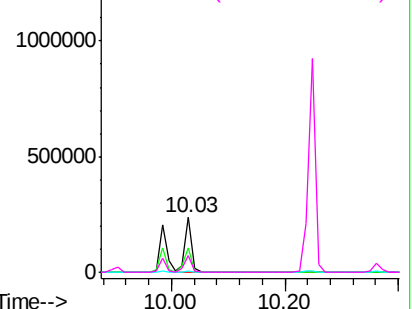


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 36.49 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

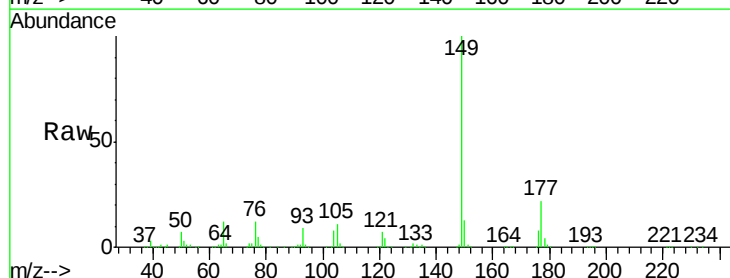
Tgt Ion:149 Resp: 853747

Ion Ratio Lower Upper

149 100

177 21.5 17.3 25.9

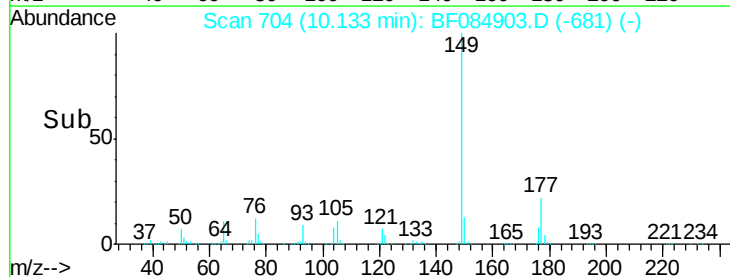
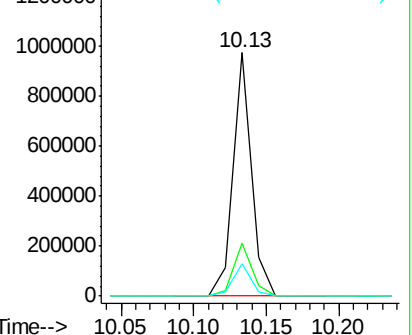
150 13.2 9.8 14.8

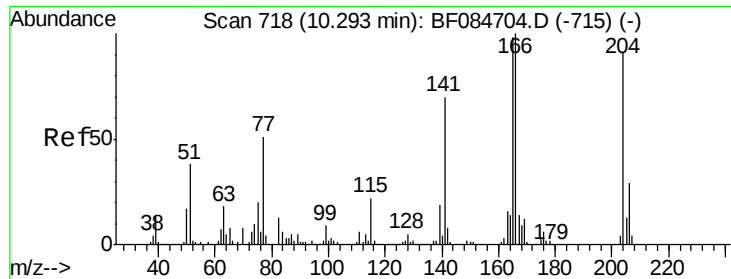


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 47.25 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

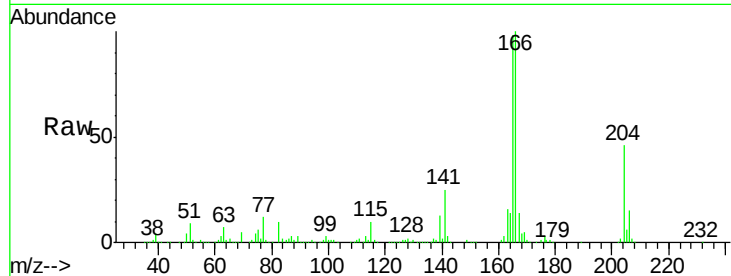
Tgt Ion:204 Resp: 410741

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

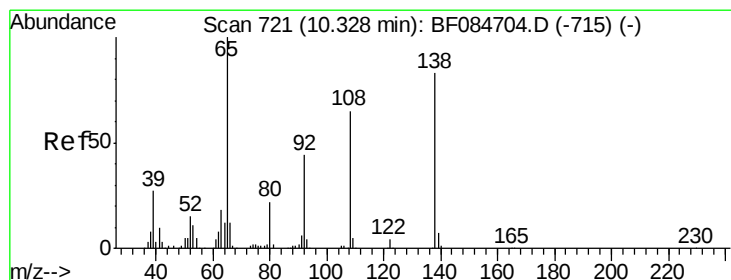
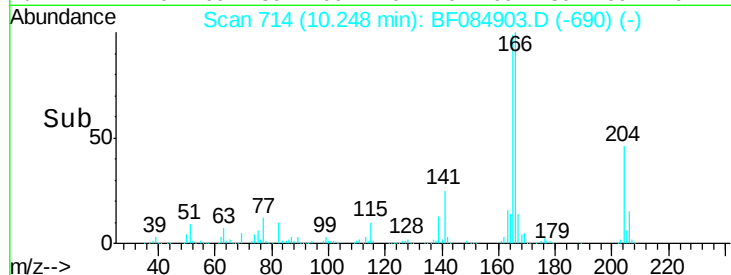
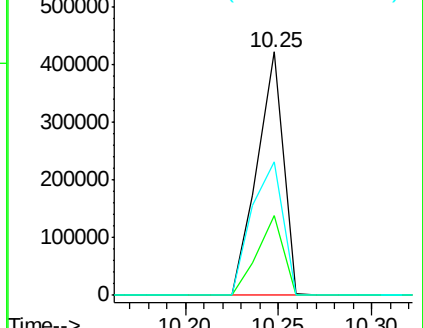
141 55.1 55.1 82.7#



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: 40.82 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

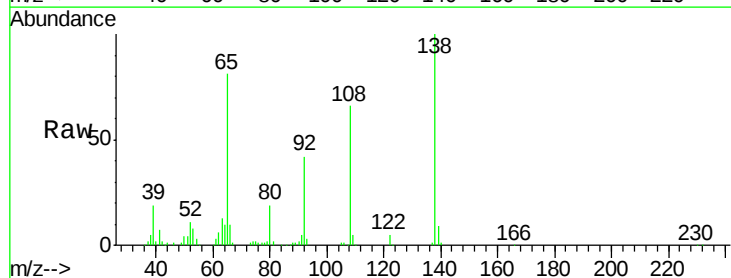
Tgt Ion:138 Resp: 233978

Ion Ratio Lower Upper

138 100

92 42.4 32.6 72.6

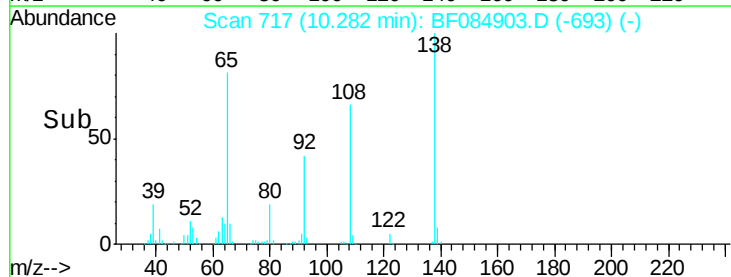
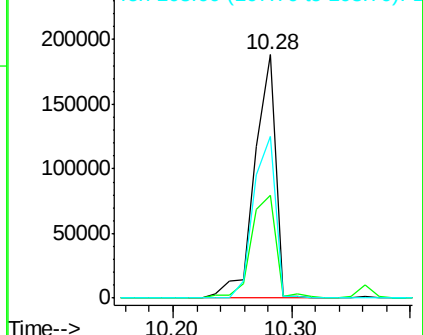
108 66.5 68.6 108.6#

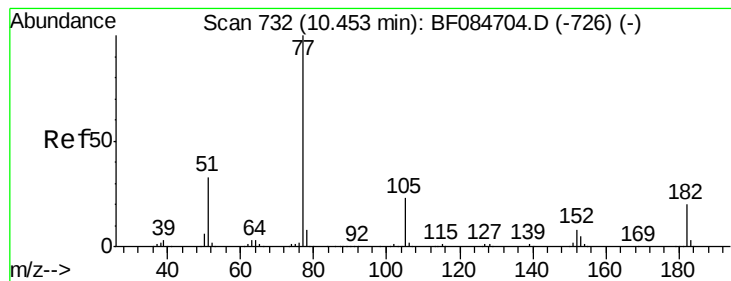


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.60 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 845900

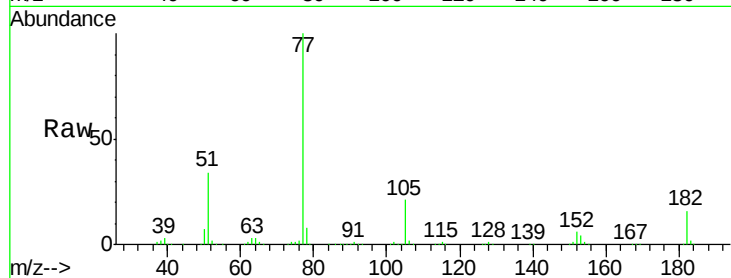
Ion Ratio Lower Upper

77 100

182 15.8 8.3 48.3

105 21.3 4.6 44.6

51 34.3 6.2 46.2

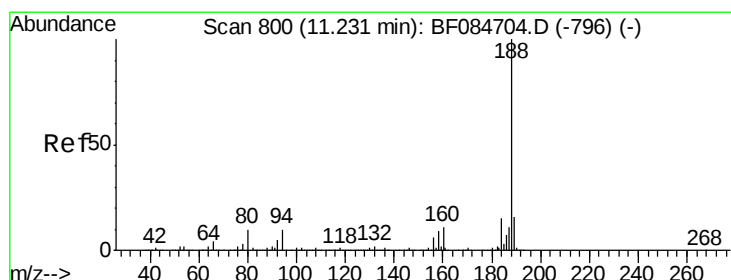
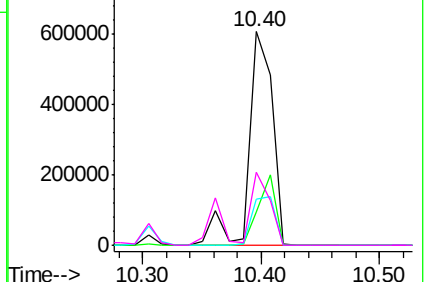
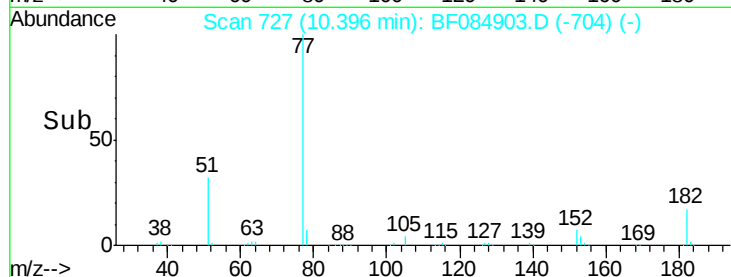


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

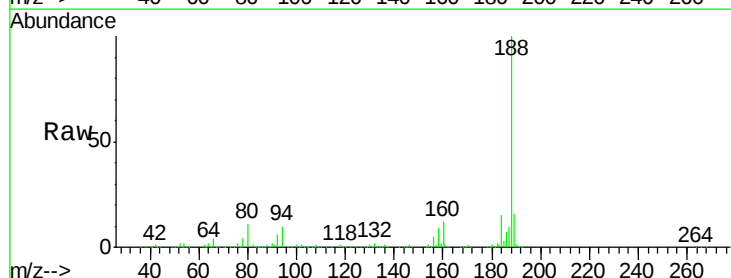
Tgt Ion: 188 Resp: 520190

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

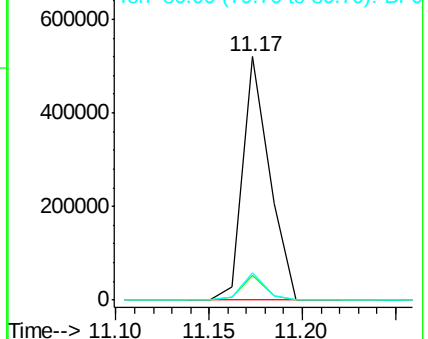
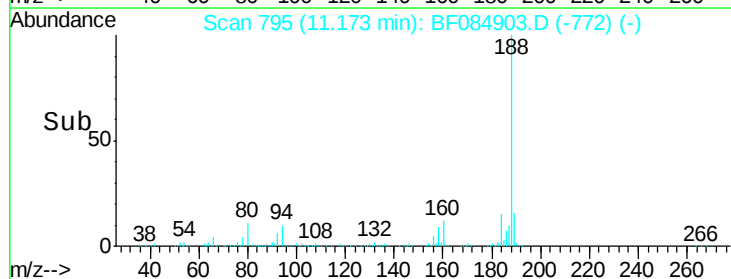
80 11.3 9.6 14.4

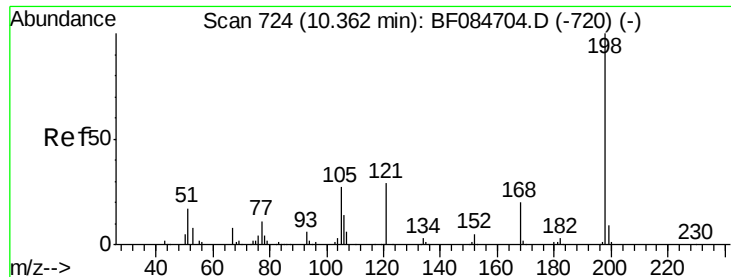


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 28.46 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

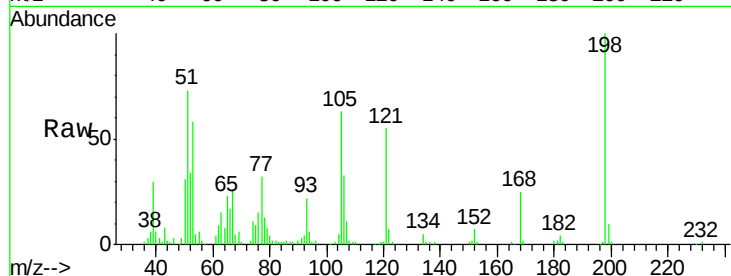
Tgt Ion:198 Resp: 91365

Ion Ratio Lower Upper

198 100

51 72.5 18.9 58.9#

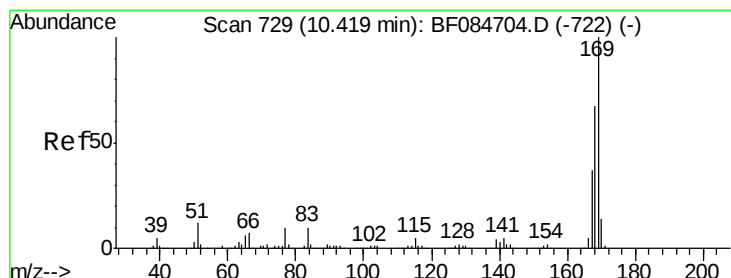
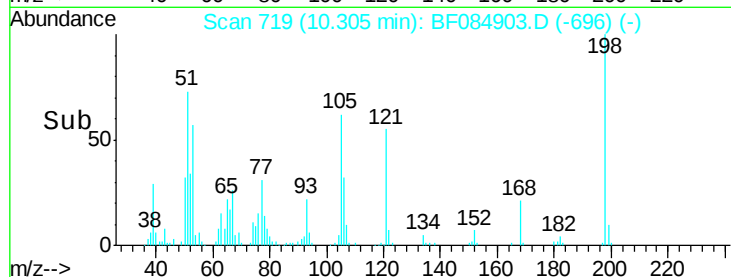
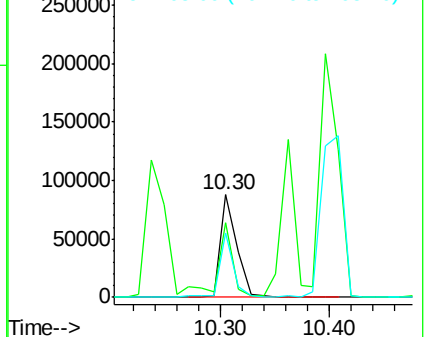
105 63.0 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.44 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

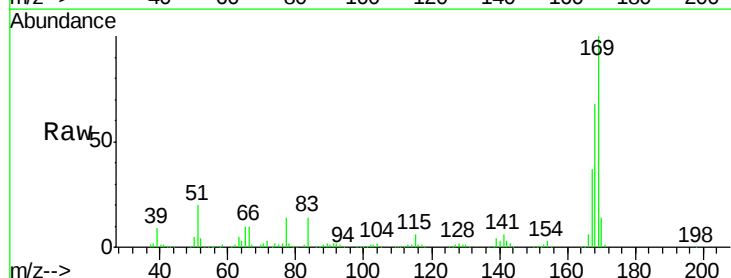
Tgt Ion:169 Resp: 651526

Ion Ratio Lower Upper

169 100

168 68.3 55.1 82.7

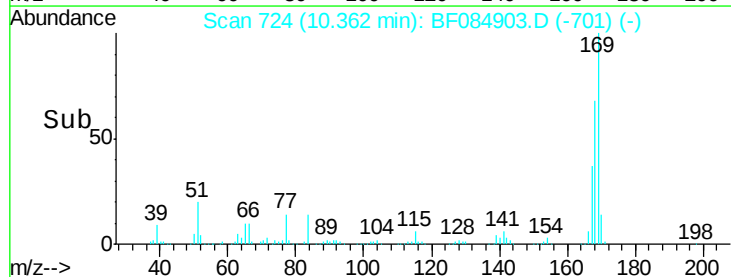
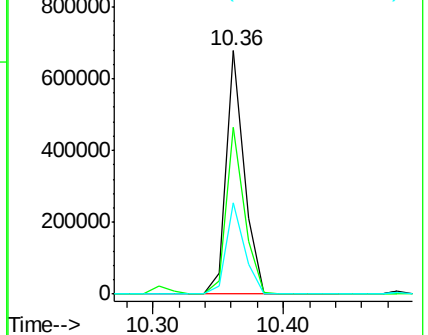
167 37.3 30.0 45.0

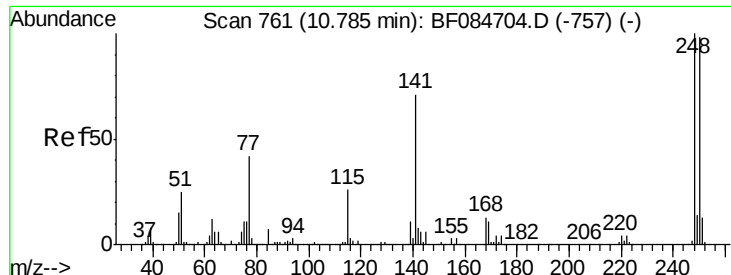


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

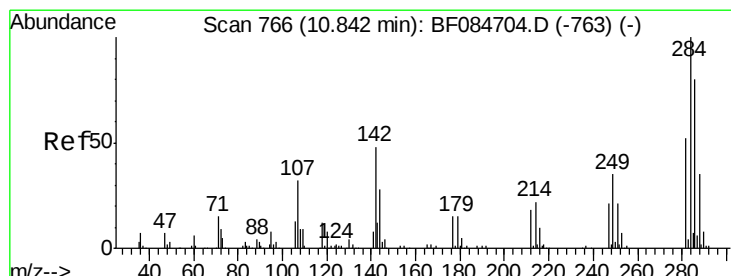
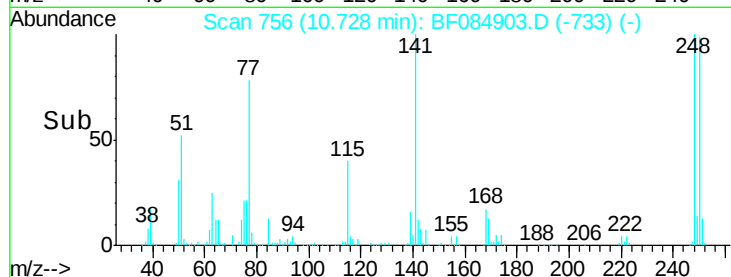
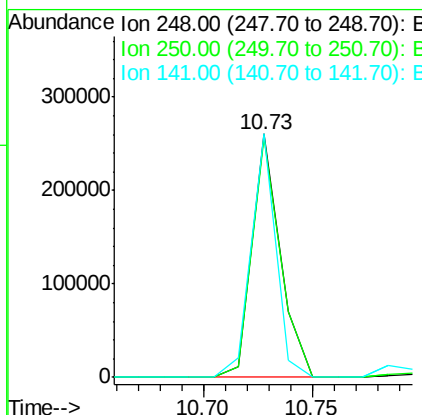
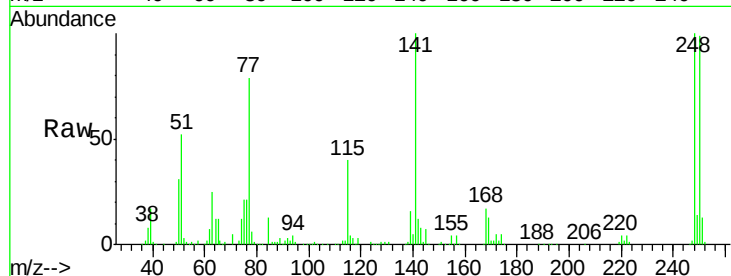




#66
 4-Bromophenyl-phenylether
 Concen: 40.83 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

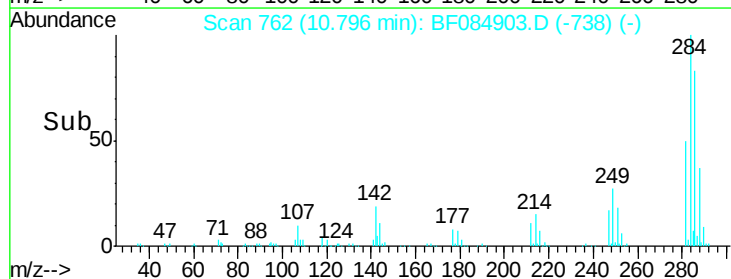
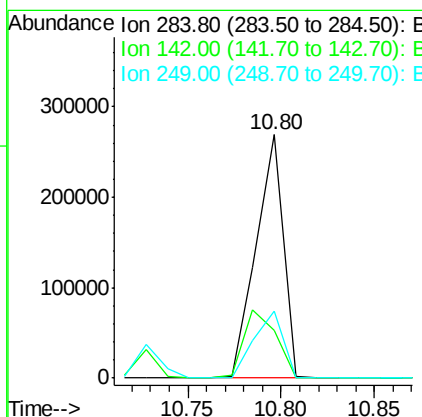
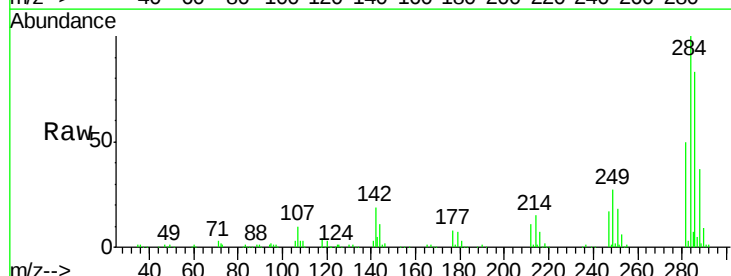
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

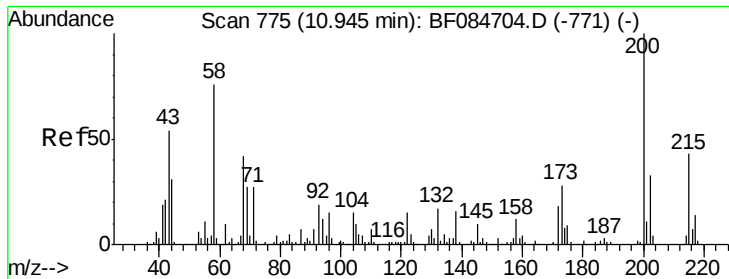
Tgt Ion:248 Resp: 234593
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.4 117.6
 141 99.9 44.0 66.0#



#67
 Hexachlorobenzene
 Concen: 43.39 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion:284 Resp: 271666
 Ion Ratio Lower Upper
 284 100
 142 19.4 22.2 33.4#
 249 27.4 24.6 37.0

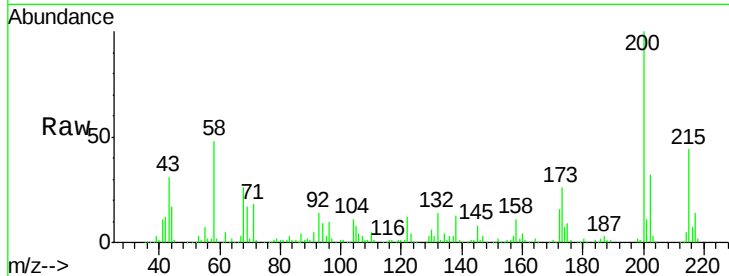




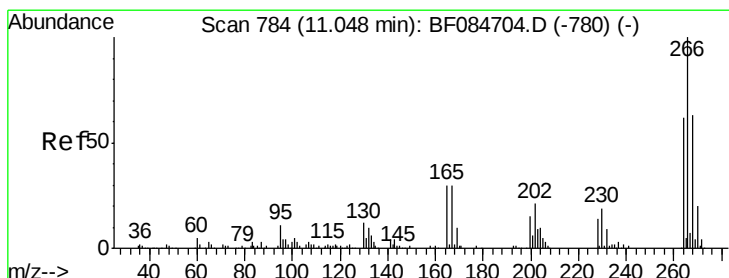
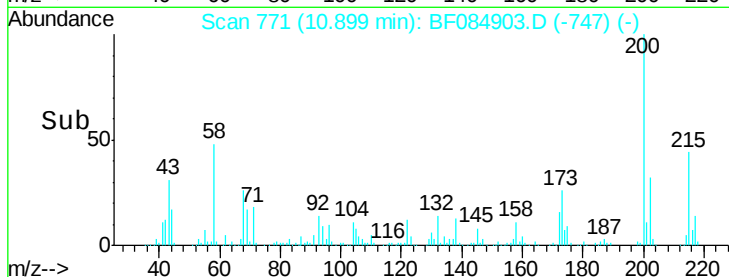
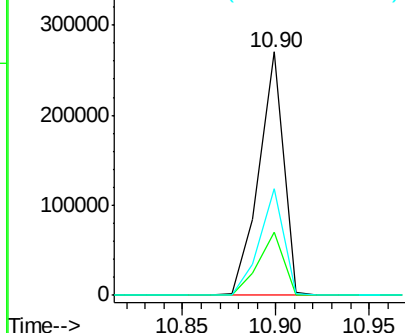
#68
 Atrazine
 Concen: 47.46 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	9.5	49.5
215	43.7	23.8	63.8

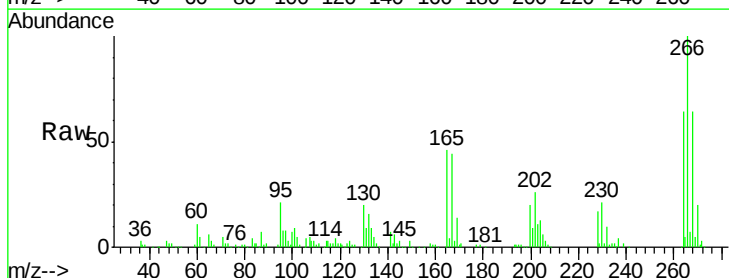


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

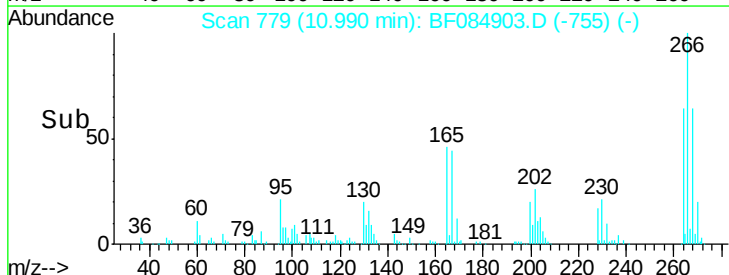
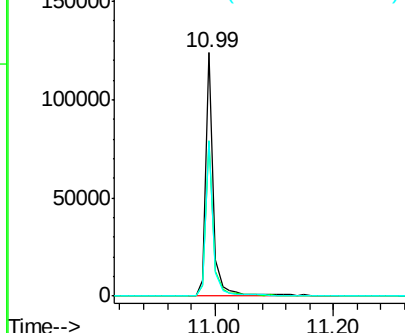


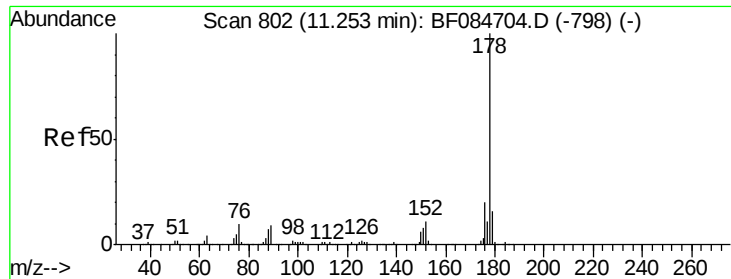
#69
 Pentachlorophenol
 Concen: 39.57 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.4	78.6
264	63.6	50.2	75.2



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

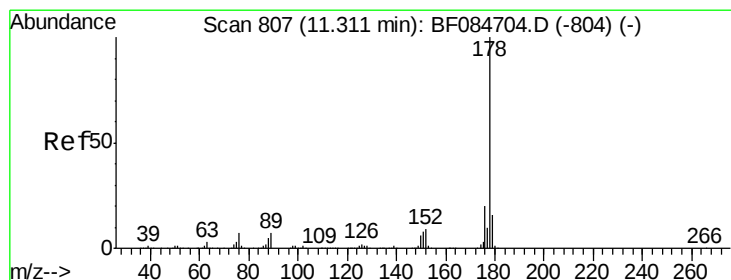
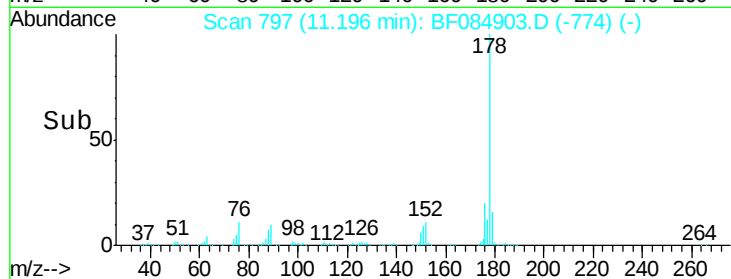
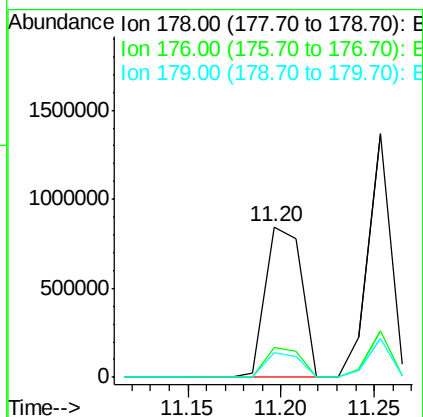
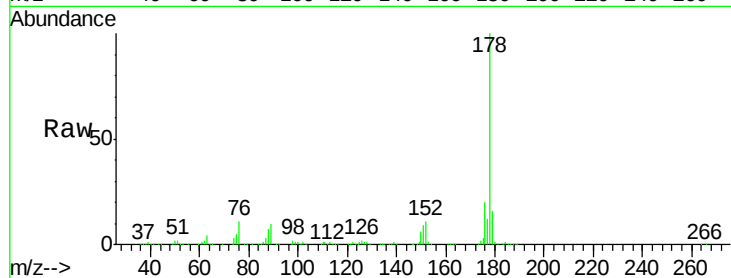




#70
Phenanthrene
Concen: 39.44 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

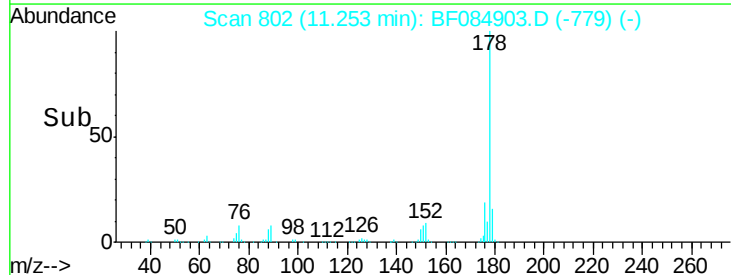
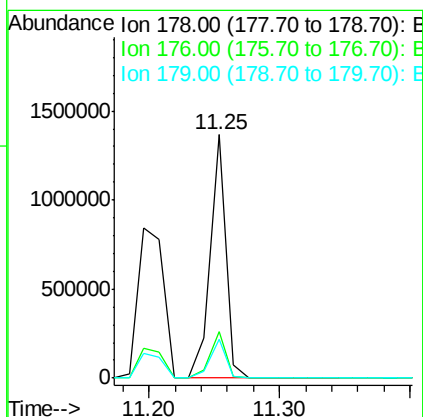
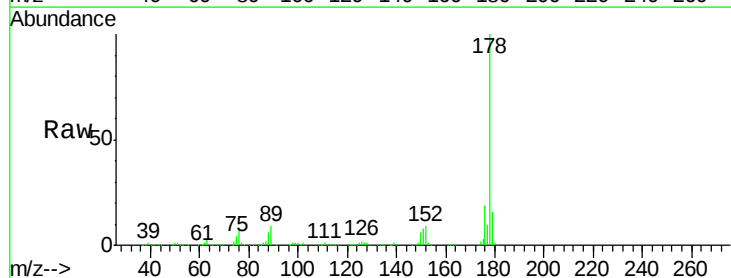
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

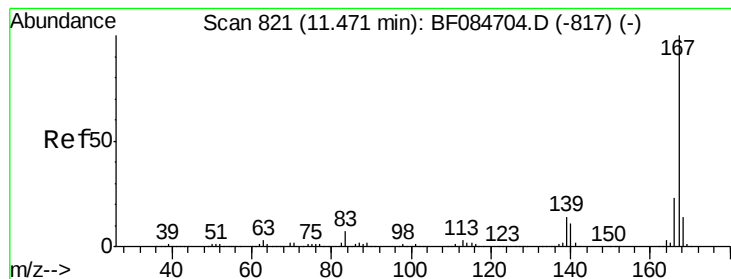
Tgt Ion:178 Resp: 1137983
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.4 12.0 18.0



#71
Anthracene
Concen: 39.50 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:178 Resp: 1148278
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.0 12.5 18.7





#72

Carbazole

Concen: 38.32 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

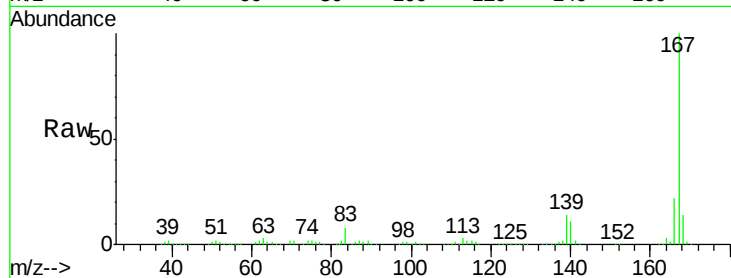
Tgt Ion:167 Resp: 971509

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 13.9 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

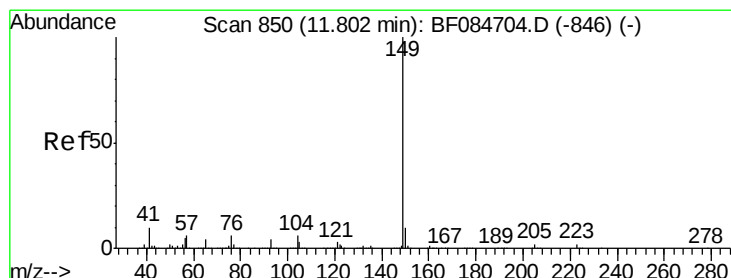
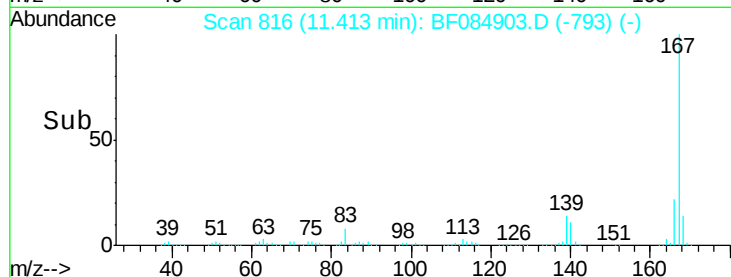
11.41

1000000

500000

0

Time--> 11.30 11.40 11.50



#73

Di-n-butylphthalate

Concen: 43.61 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

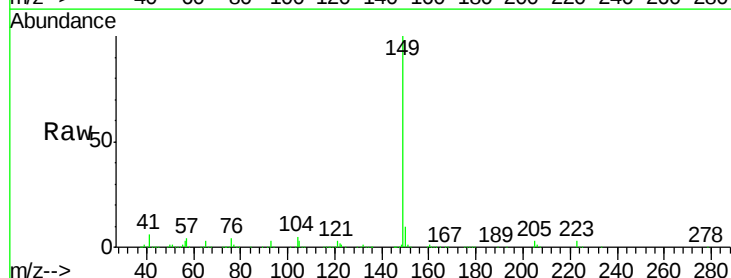
Tgt Ion:149 Resp: 1407433

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

104 4.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.76

2000000

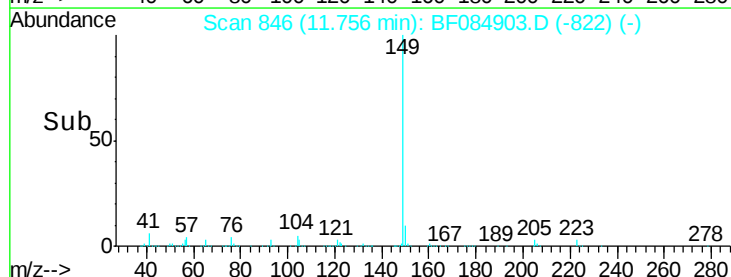
1500000

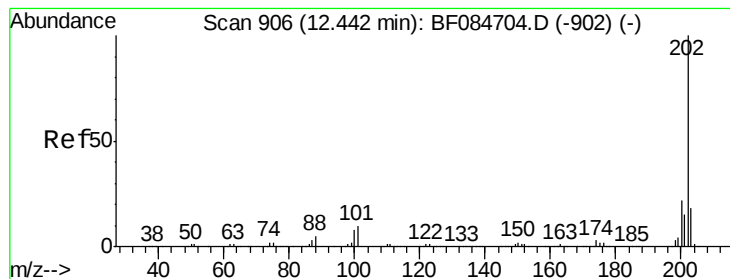
1000000

500000

0

Time--> 11.70 11.80





#74

Fluoranthene

Concen: 36.60 ng

RT: 12.38 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

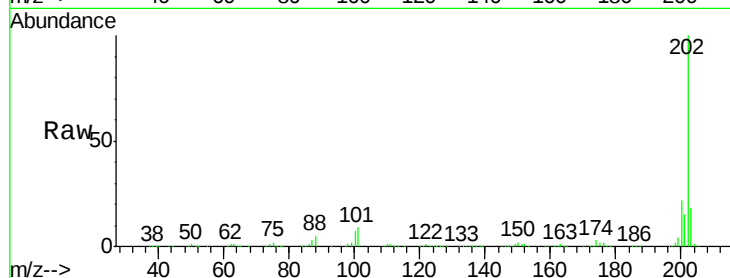
Tgt Ion:202 Resp: 1068703

Ion Ratio Lower Upper

202 100

101 9.4 0.0 32.8

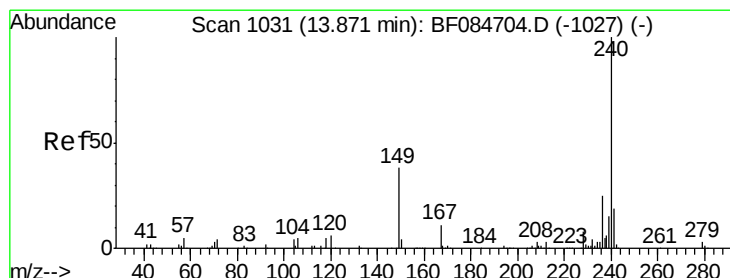
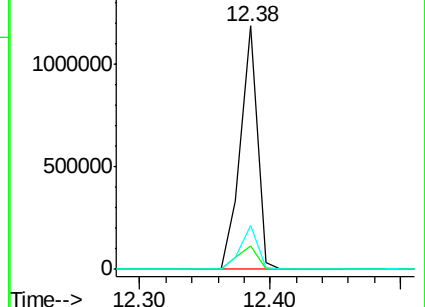
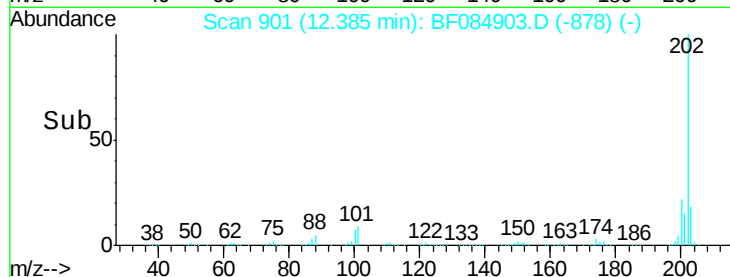
203 18.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

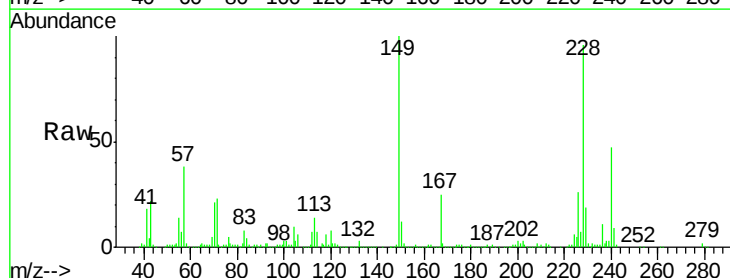
Tgt Ion:240 Resp: 324283

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

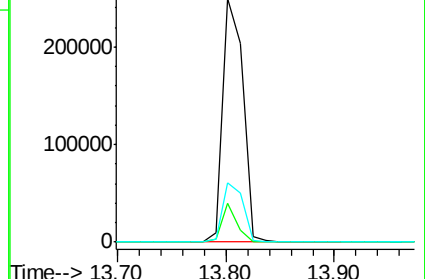
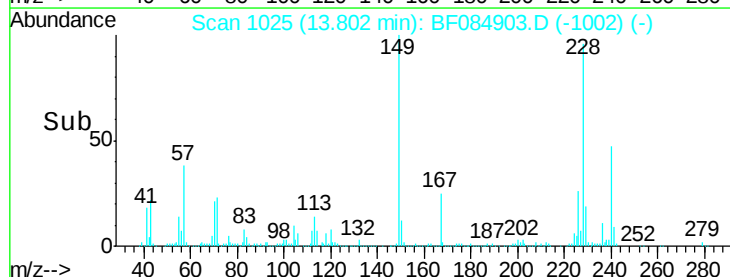
236 24.6 20.6 31.0

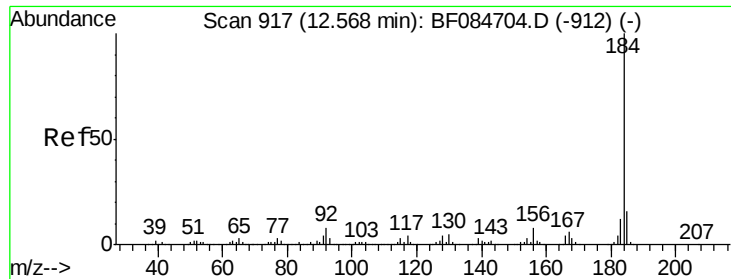


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 43.50 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

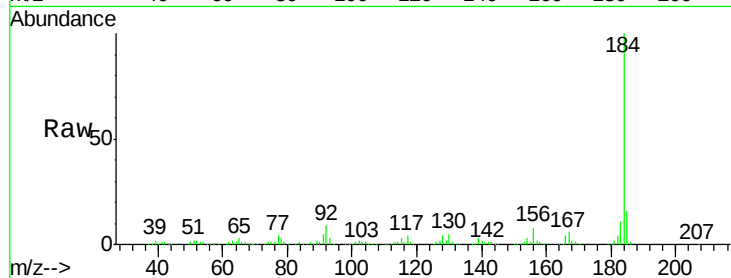
Tgt Ion:184 Resp: 490465

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

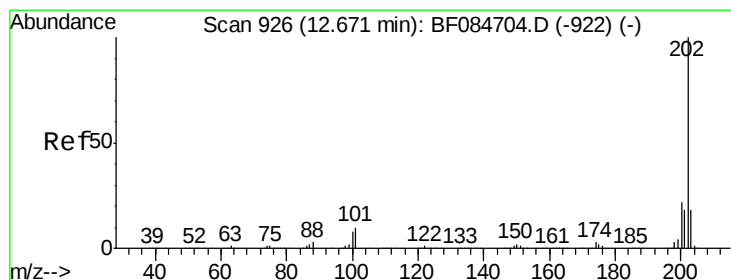
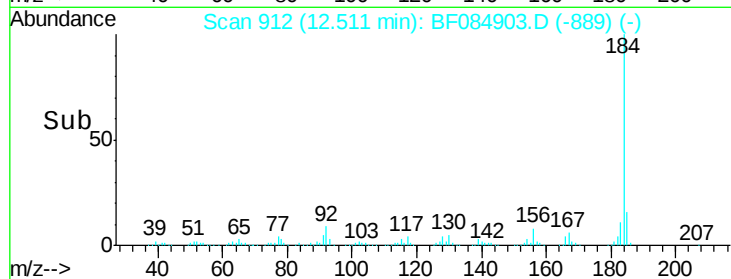
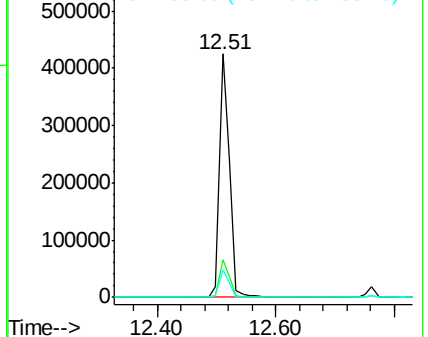
183 11.4 9.8 14.8



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

Pyrene

Concen: 43.48 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

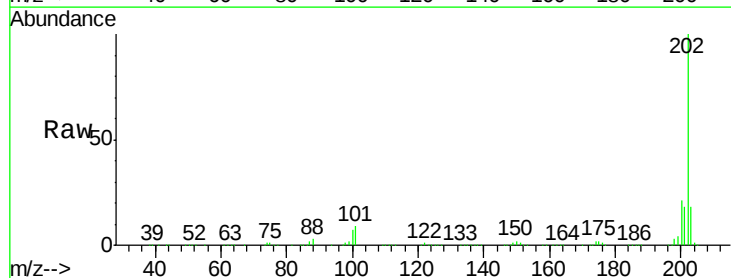
Tgt Ion:202 Resp: 1079615

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

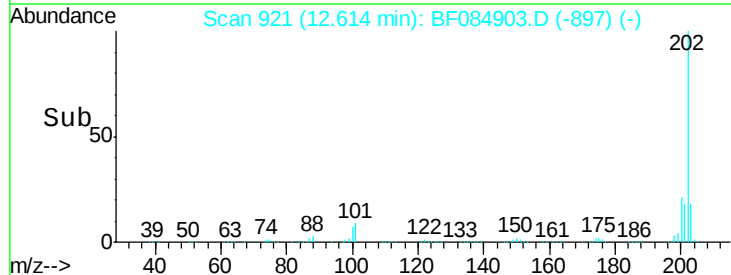
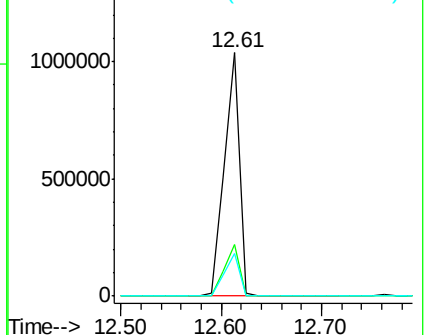
203 17.7 14.3 21.5

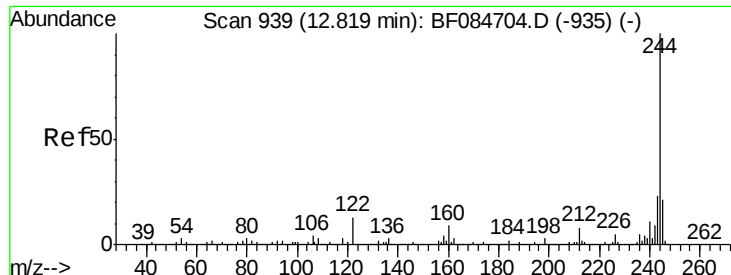


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.82 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

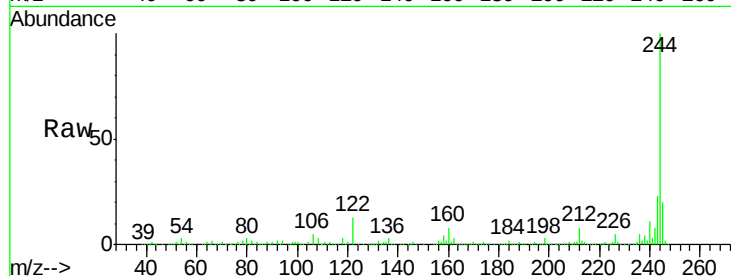
Tgt Ion:244 Resp: 1156612

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

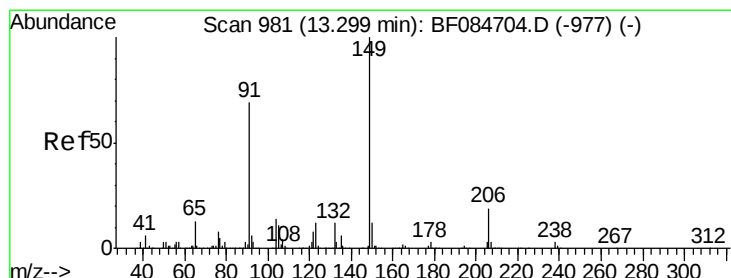
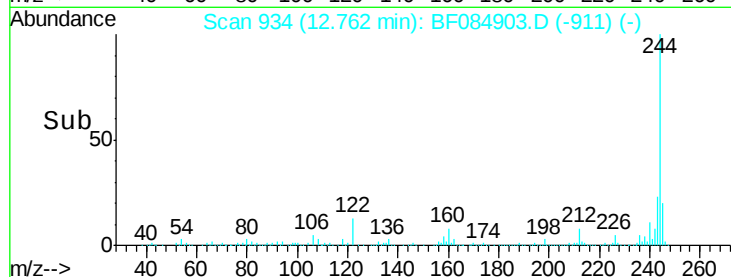
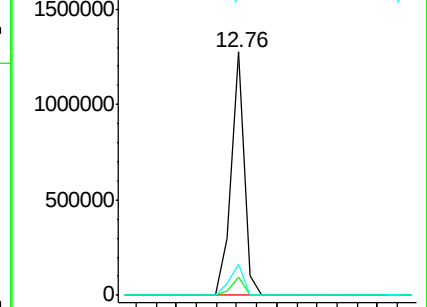
122 12.9 7.4 11.0#



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: 41.24 ng

RT: 13.24 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

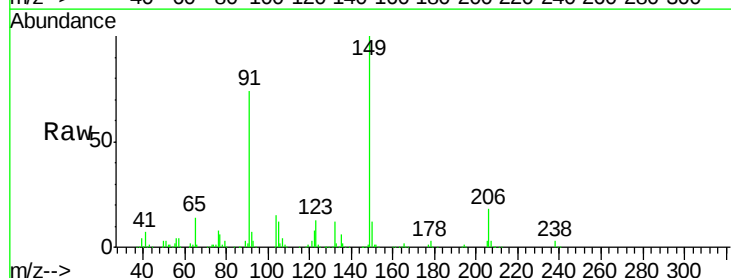
Tgt Ion:149 Resp: 464524

Ion Ratio Lower Upper

149 100

91 74.2 57.6 86.4

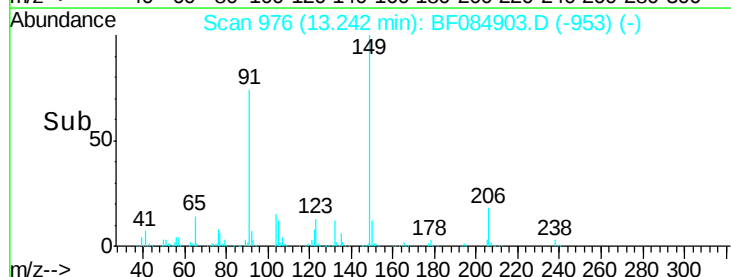
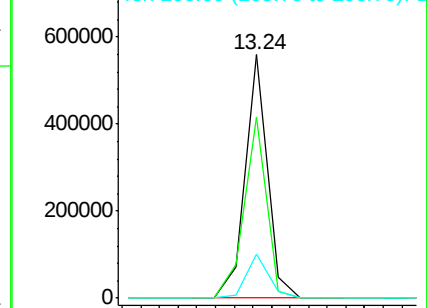
206 17.8 13.2 19.8

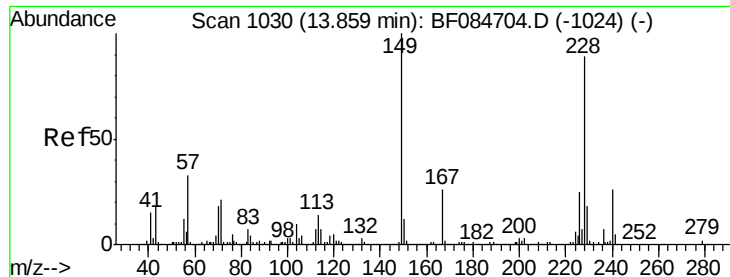


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.10 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

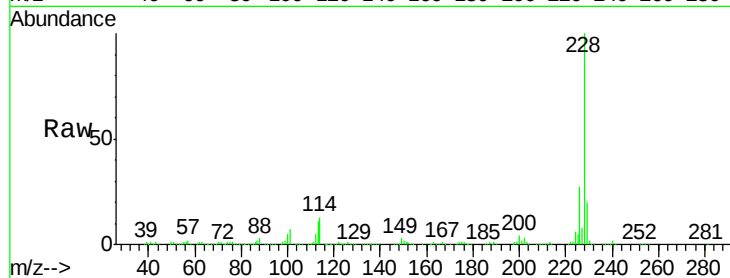
Tgt Ion:228 Resp: 807152

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

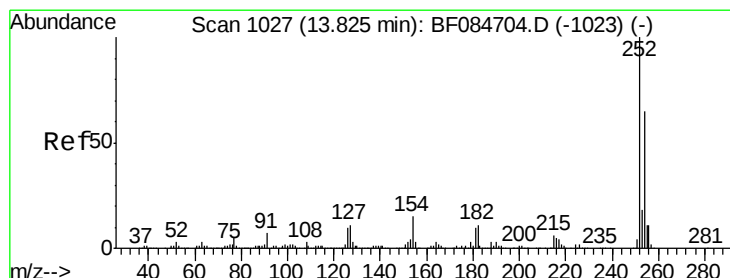
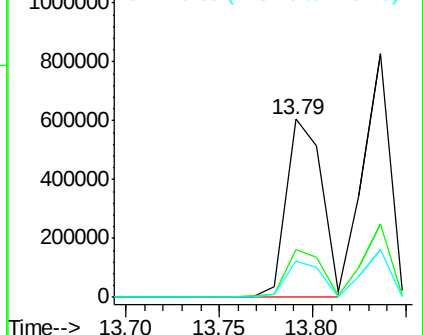
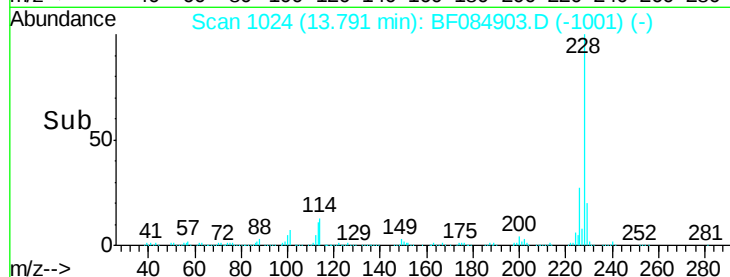
229 20.0 15.8 23.8



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: 44.22 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

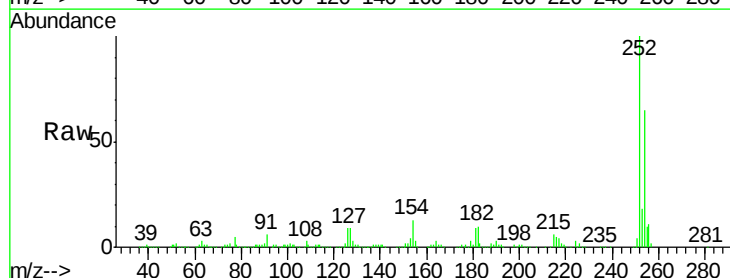
Tgt Ion:252 Resp: 315093

Ion Ratio Lower Upper

252 100

254 64.5 53.5 80.3

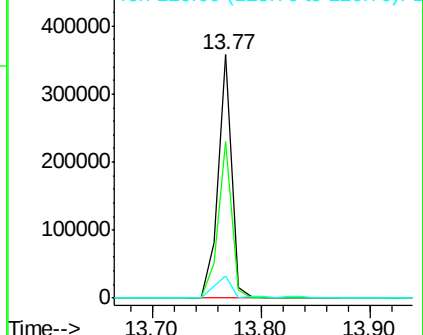
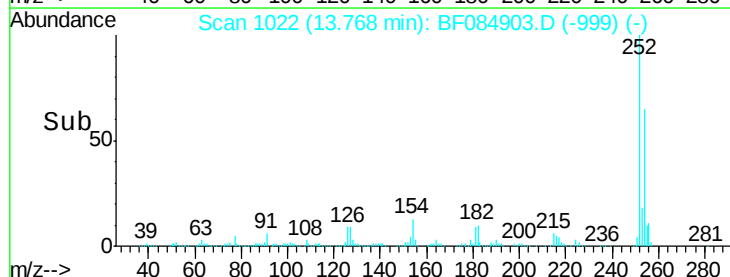
126 9.2 4.9 7.3#

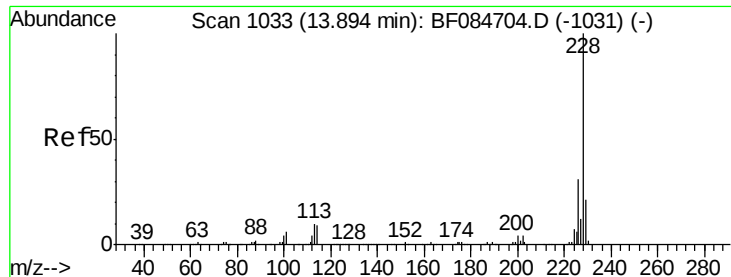


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

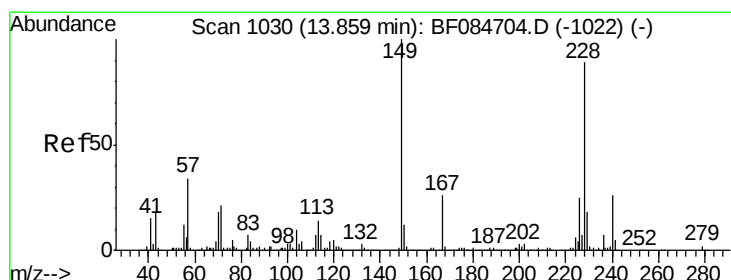
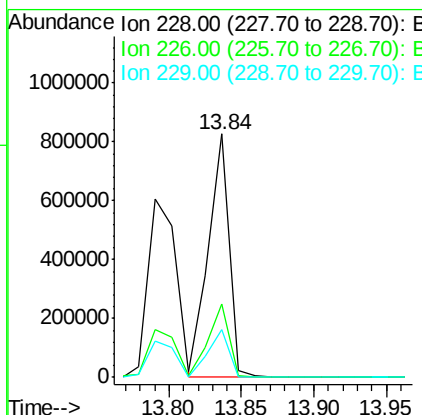
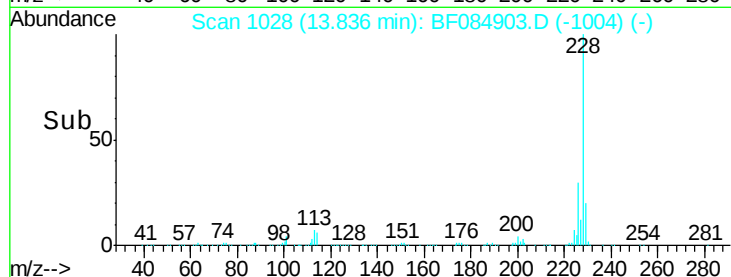
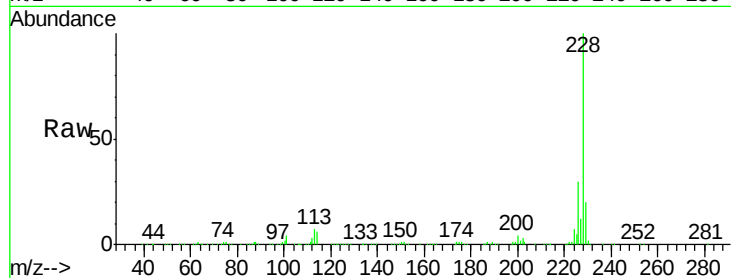




#82
Chrysene
Concen: 42.23 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

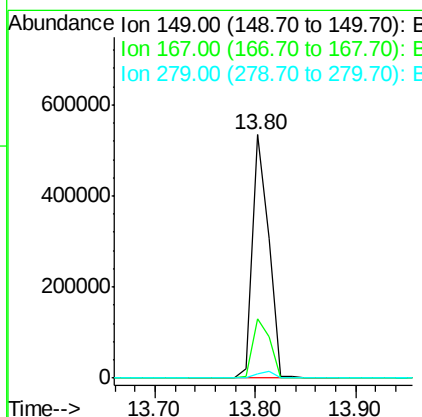
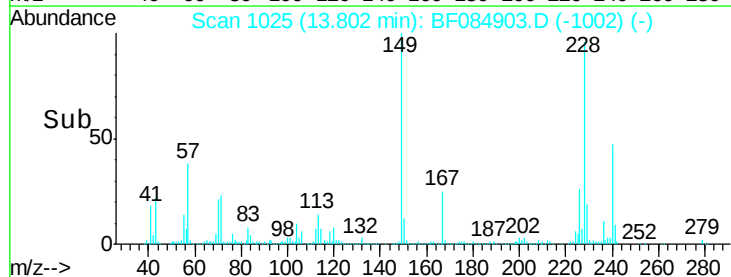
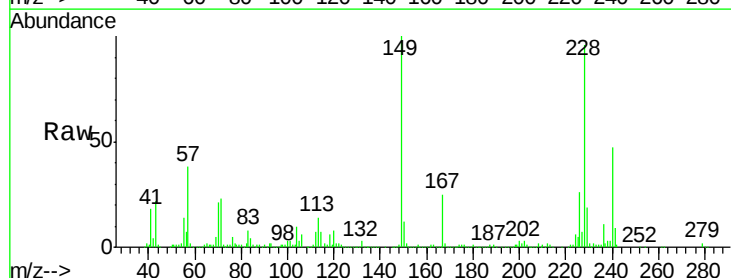
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

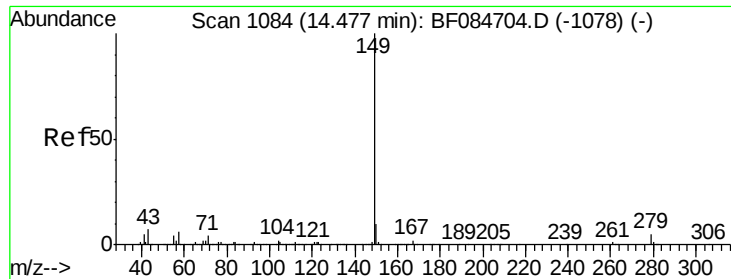
Tgt Ion: 228 Resp: 824160
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.8 16.1 24.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 42.76 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion: 149 Resp: 599310
Ion Ratio Lower Upper
149 100
167 24.6 19.7 29.5
279 1.9 1.8 2.6

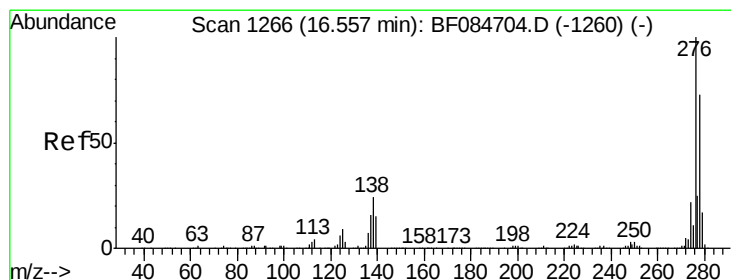
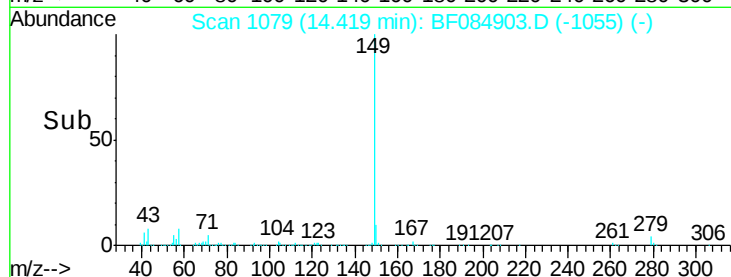
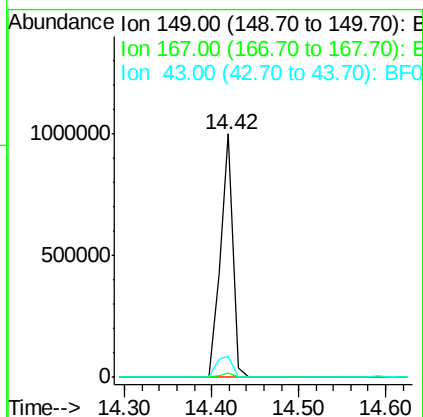
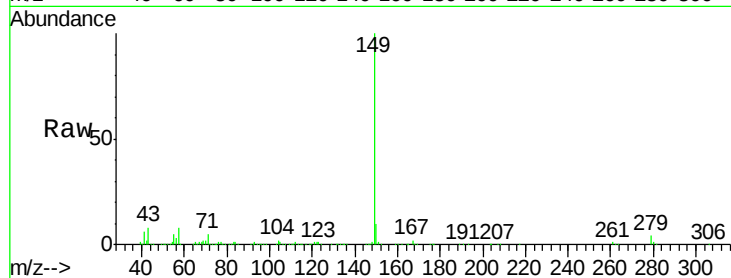




#84
Di-n-octyl phthalate
Concen: 43.71 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

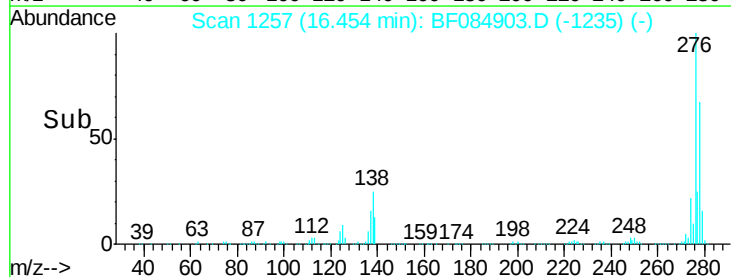
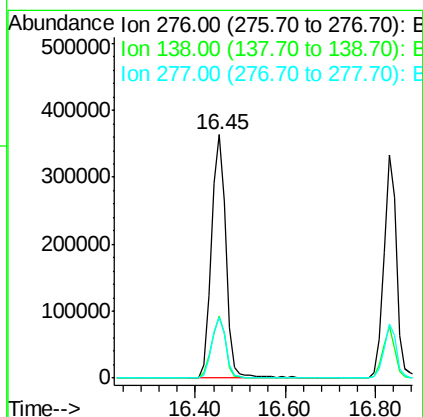
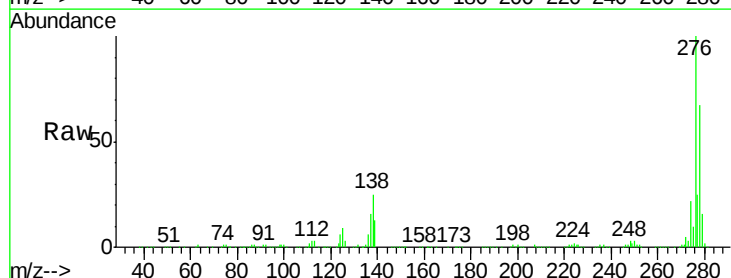
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

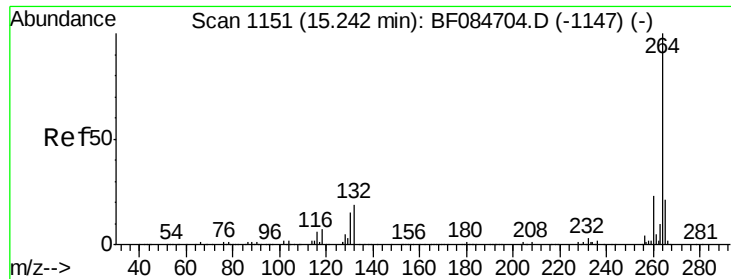
Tgt Ion:149 Resp: 1010822
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 5.6 8.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 53.32 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:276 Resp: 819088
Ion Ratio Lower Upper
276 100
138 25.0 20.6 30.8
277 24.5 20.1 30.1

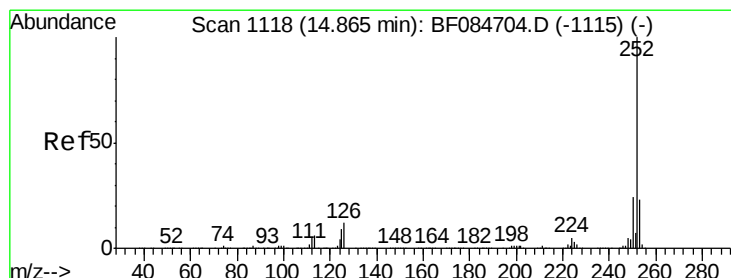
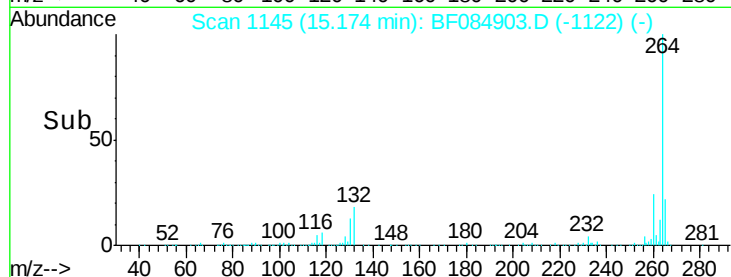
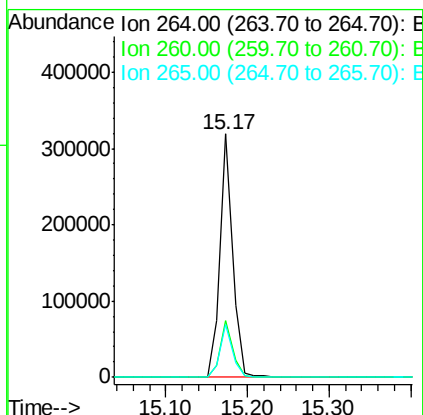
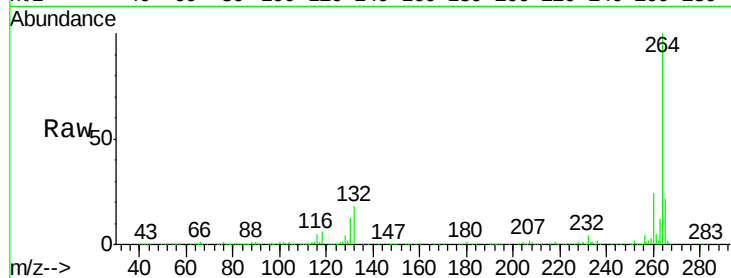




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

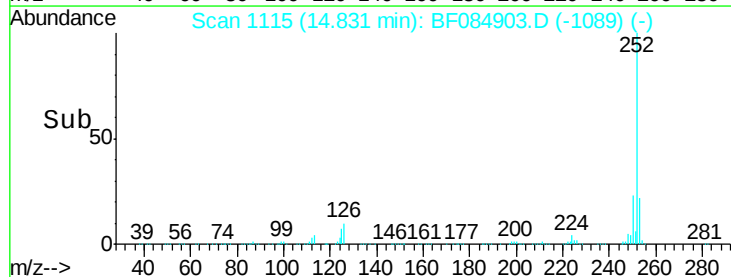
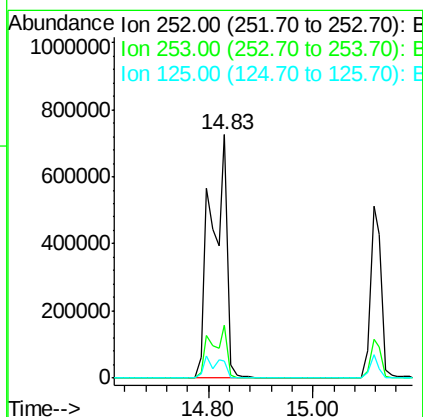
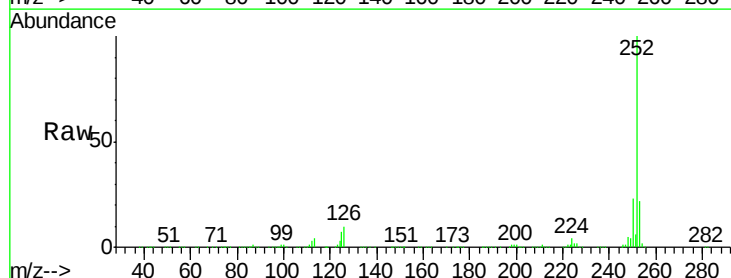
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

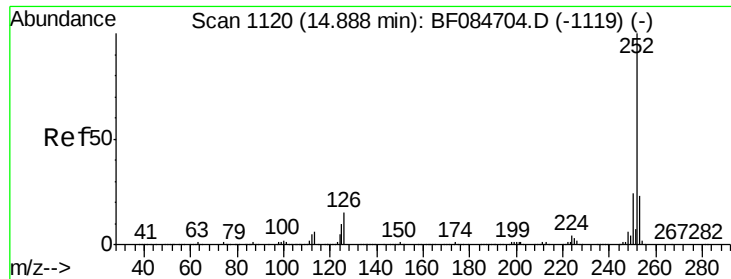
Tgt Ion:264 Resp: 344488
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.5 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 67.17 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:252 Resp: 1554783
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.8 6.5 9.7

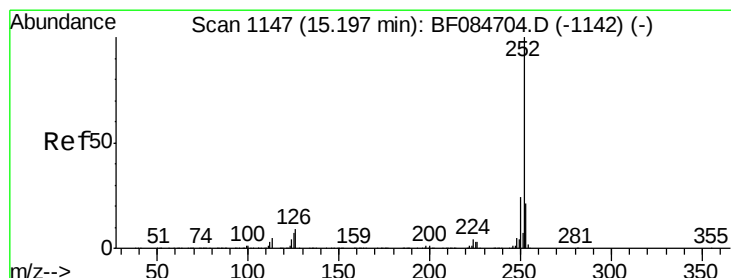
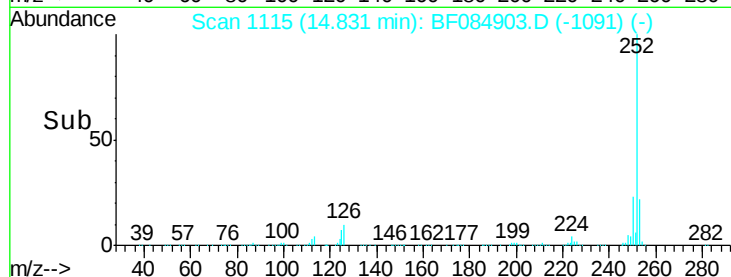
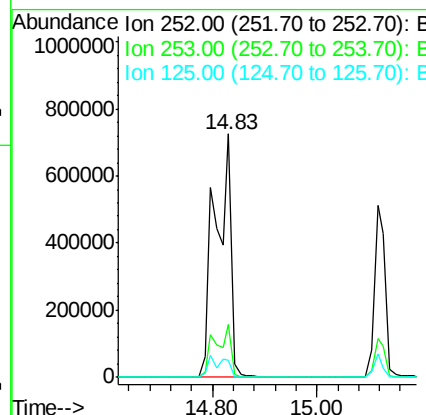
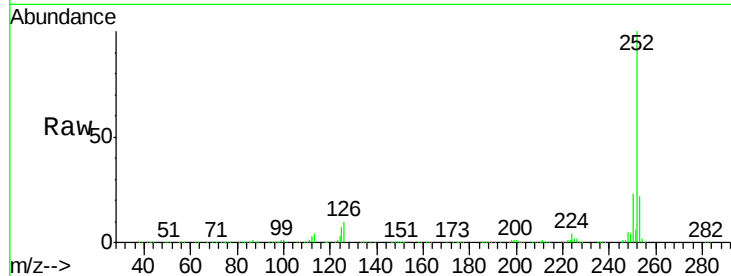




#88
Benzo(k)fluoranthene
Concen: 81.24 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

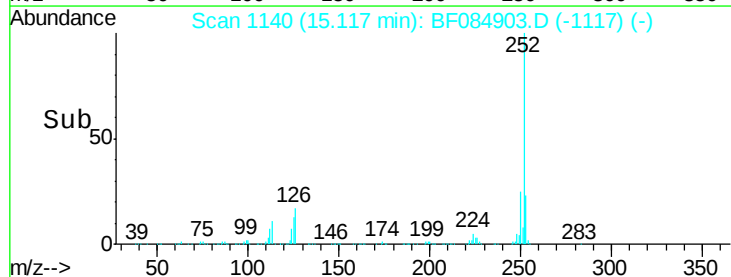
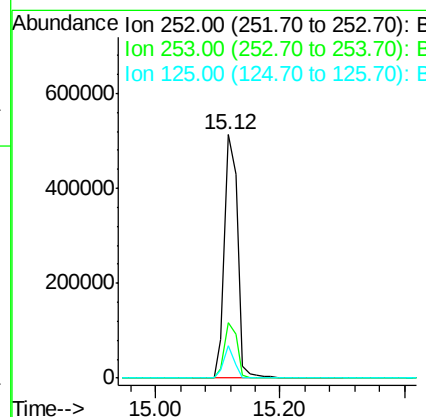
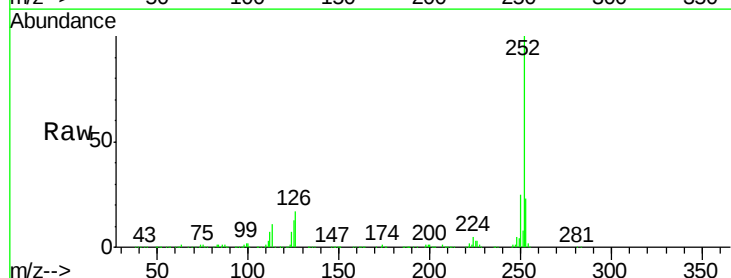
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

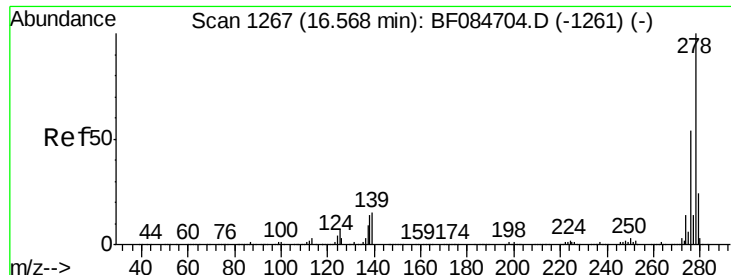
Tgt Ion:252 Resp: 1554783
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 6.8 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 37.36 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:252 Resp: 736779
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 13.4 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 40.97 ng

RT: 16.47 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

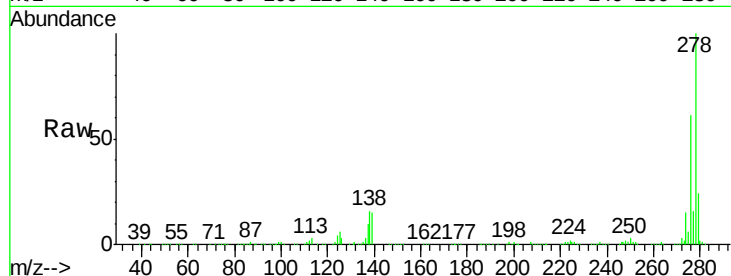
Tgt Ion: 278 Resp: 680166

Ion Ratio Lower Upper

278 100

139 15.3 15.0 22.4

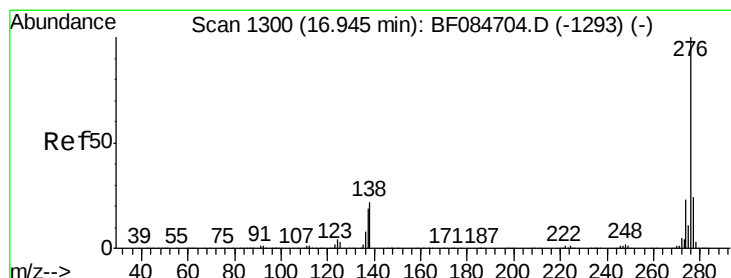
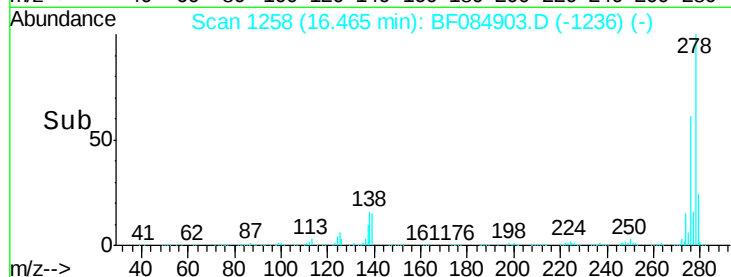
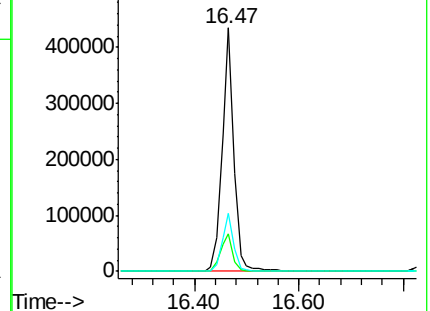
279 23.7 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.63 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

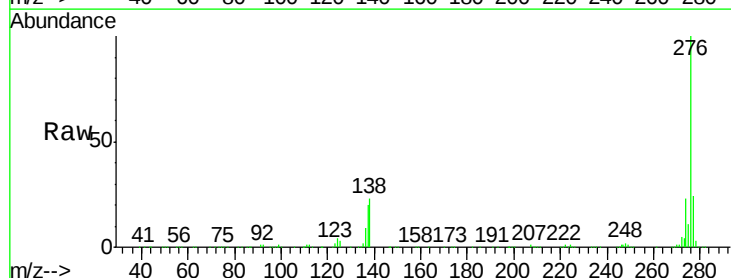
Tgt Ion: 276 Resp: 662724

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 23.2 17.8 26.6



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

