

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
 Data File : BF084536.D
 Acq On : 17 Jan 2016 15:16
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 18 02:57:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	307885	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	1269368	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	551667	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	970484	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	558678	20.00	ng	-0.03
86) Perylene-d12	15.38	264	598557	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1555686	81.73	ng	-0.02
7) Phenol-d6	6.45	99	1938925	81.10	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1658667	72.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	409641	73.55	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	2493858	79.08	ng	-0.02
78) Terphenyl-d14	12.92	244	2195291	87.71	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	368418	40.86	ng	# 77
3) Pyridine	3.08	79	1045463	41.58	ng	# 77
4) n-Nitrosodimethylamine	3.05	42	485902	37.65	ng	89
6) Aniline	6.48	93	1236808	35.37	ng	# 79
8) 2-Chlorophenol	6.60	128	880196	40.76	ng	91
9) Benzaldehyde	6.35	77	559141	35.92	ng	97
10) Phenol	6.48	94	1099662	40.46	ng	75
11) bis(2-Chloroethyl)ether	6.56	93	899237	42.71	ng	92
12) 1,3-Dichlorobenzene	6.75	146	926946	41.61	ng	96
13) 1,4-Dichlorobenzene	6.83	146	954272m	42.72	ng	
14) 1,2-Dichlorobenzene	6.98	146	773602	36.16	ng	96
15) Benzyl Alcohol	6.96	79	697832	34.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1279604	33.37	ng	87
17) 2-Methylphenol	7.08	107	744024	41.11	ng	95
18) Hexachloroethane	7.32	117	343970	38.50	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	631221	39.00	ng	# 83
20) 3+4-Methylphenols	7.23	107	802161	37.70	ng	# 43
22) Acetophenone	7.23	105	1205445	39.49	ng	95
24) Nitrobenzene	7.40	77	971988	42.02	ng	98
25) Isophorone	7.64	82	1655012	37.94	ng	99
26) 2-Nitrophenol	7.71	139	429445	40.79	ng	# 76
27) 2,4-Dimethylphenol	7.77	122	810758	38.05	ng	88
28) bis(2-Chloroethoxy)methane	7.86	93	1077965	40.46	ng	97
29) 2,4-Dichlorophenol	7.96	162	693723	39.08	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	748829	40.86	ng	95
31) Naphthalene	8.12	128	2342966	40.68	ng	97
32) Benzoic acid	7.88	122	297543	25.13	ng	95
33) 4-Chloroaniline	8.17	127	1001839	37.94	ng	97
34) Hexachlorobutadiene	8.24	225	398469	37.83	ng	97
35) Caprolactam	8.56	113	208928	34.91	ng	# 49
36) 4-Chloro-3-methylphenol	8.66	107	698800	35.14	ng	94
37) 2-Methylnaphthalene	8.81	142	1438043	34.78	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	714868	45.07	ng	99
40) Hexachlorocyclopentadiene	8.97	237	166482	17.39	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	475484	40.07	nq	95
43) 2,4,5-Trichlorophenol	9.14	196	470288	41.35	nq	96
45) 1,1'-Biphenyl	9.28	154	1778769	40.57	nq	99
46) 2-Chloronaphthalene	9.30	162	1346113	39.09	nq	94
47) 2-Nitroaniline	9.40	65	523498	46.06	nq	# 76
48) Acenaphthylene	9.71	152	1936466	38.06	nq	97
49) Dimethylphthalate	9.58	163	1650837	41.86	nq	# 90
50) 2,6-Dinitrotoluene	9.64	165	343002	39.65	nq	# 61
51) Acenaphthene	9.88	154	1268107	37.16	nq	98
52) 3-Nitroaniline	9.81	138	458784	42.80	nq	90
53) 2,4-Dinitrophenol	9.92	184	83413	25.19	nq	85
54) Dibenzofuran	10.05	168	1664335	37.13	nq	90
55) 4-Nitrophenol	9.98	139	327987	42.16	nq	93
56) 2,4-Dinitrotoluene	10.04	165	419823	38.35	nq	# 89
57) Fluorene	10.40	166	1249306	36.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	386325	39.78	nq	89
59) Diethylphthalate	10.28	149	1657024	42.61	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	660236	45.95	nq	89
61) 4-Nitroaniline	10.42	138	429906	45.00	nq	90
62) Azobenzene	10.56	77	1691775	39.67	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	155767	27.17	nq	84
65) n-Nitrosodiphenylamine	10.51	169	1176152	37.91	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	419060	40.12	nq	# 71
67) Hexachlorobenzene	10.94	284	450986	38.36	nq	# 93
68) Atrazine	11.05	200	420057	41.37	nq	92
69) Pentachlorophenol	11.14	266	201903	33.12	nq	97
70) Phenanthrene	11.36	178	1888691	37.21	nq	96
71) Anthracene	11.41	178	2142231	43.05	nq	99
72) Carbazole	11.56	167	1672474	34.38	nq	99
73) Di-n-butylphthalate	11.90	149	2371376	46.17	nq	98
74) Fluoranthene	12.55	202	1953418	36.84	nq	95
76) Benzidine	12.67	184	756422	37.76	nq	97
77) Pyrene	12.77	202	1882894	42.95	nq	99
79) Butylbenzylphthalate	13.39	149	793010	41.80	nq	90
80) Benzo(a)anthracene	13.95	228	1335523	40.71	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	563543	49.22	nq	98
82) Chrysene	14.00	228	1401566	44.46	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	986474	41.16	nq	98
84) Di-n-octyl phthalate	14.57	149	1836889	45.40	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.75	276	1350166	54.03	nq	99
87) Benzo(b)fluoranthene	14.98	252	1424149m	36.37	nq	
88) Benzo(k)fluoranthene	15.00	252	1152583m	35.99	nq	
89) Benzo(a)pyrene	15.32	252	1301278	39.18	nq	97
90) Dibenzo(a,h)anthracene	16.76	278	1112914	38.94	nq	97
91) Benzo(g,h,i)perylene	17.16	276	1102039	37.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

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SSTDCCC040EC

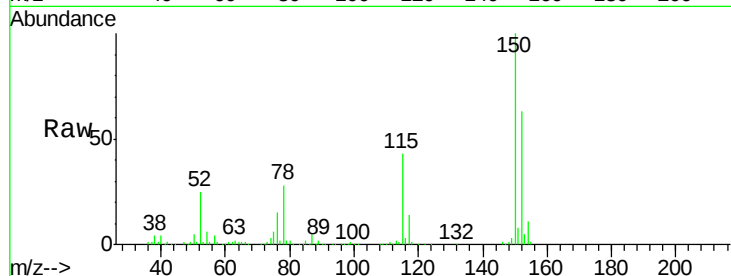
Tot Ion:152 Resp: 307885

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

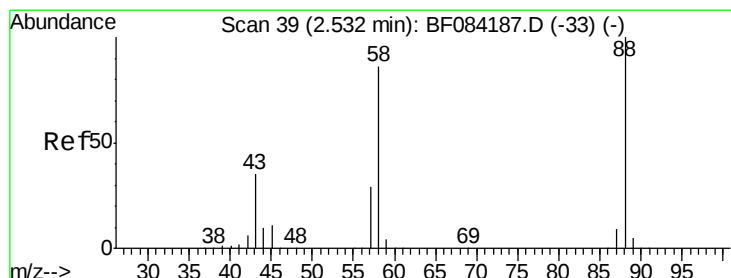
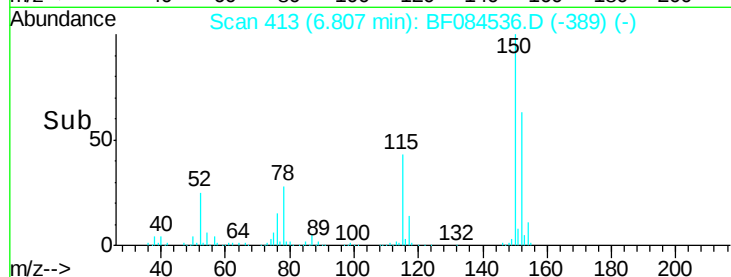
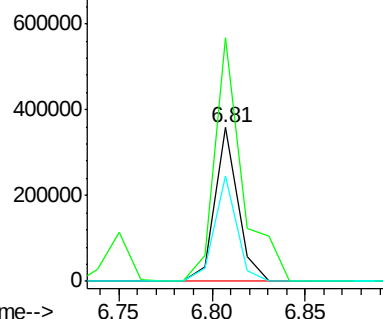
115 68.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.86 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

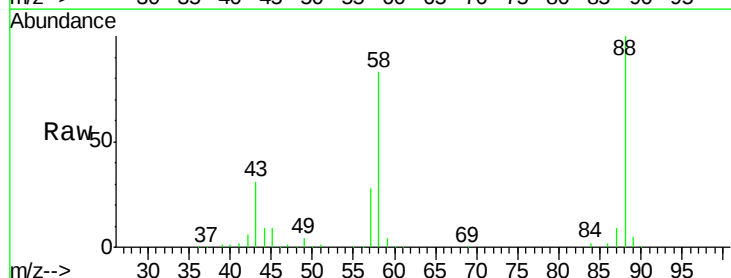
Tgt Ion: 88 Resp: 368418

Ion Ratio Lower Upper

88 100

58 84.7 51.2 76.8#

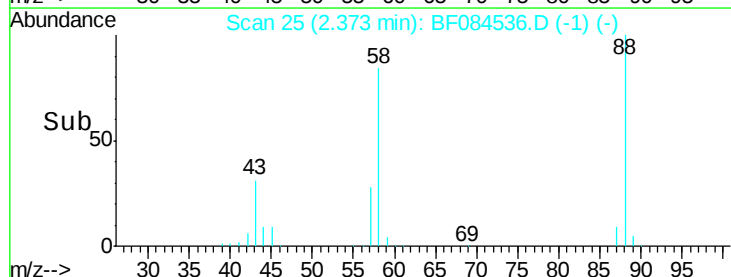
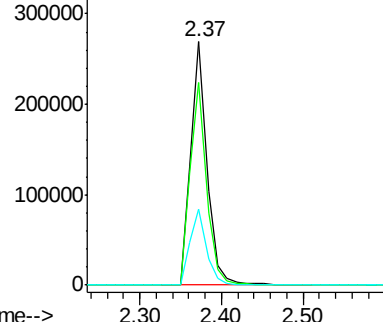
43 32.1 19.5 29.3#

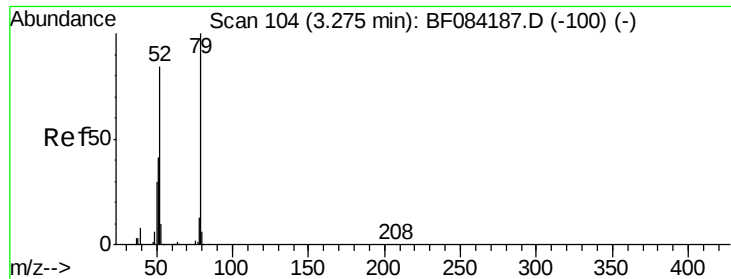


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.58 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.05 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

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SSTDCCC040EC

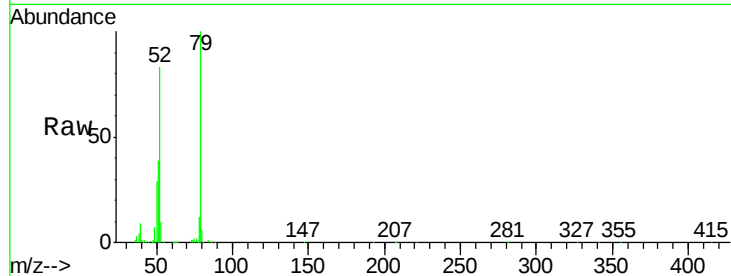
Tot Ion: 79 Resp: 1045463

Ion Ratio Lower Upper

79 100

52 82.6 49.0 73.4#

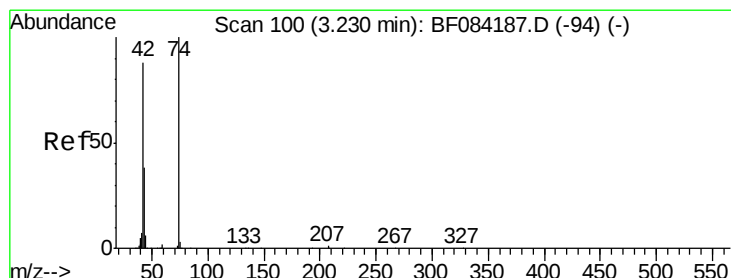
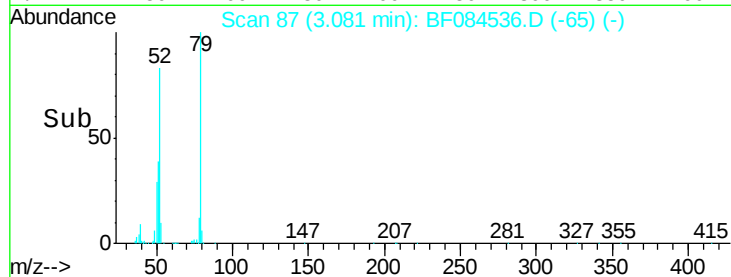
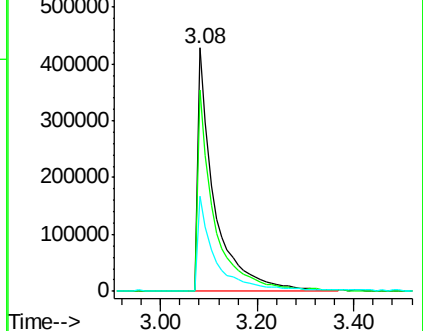
51 39.2 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.65 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

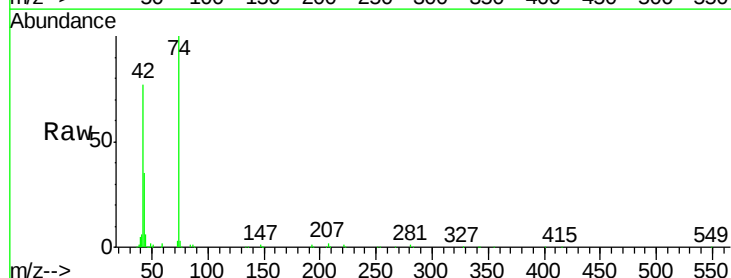
Tgt Ion: 42 Resp: 485902

Ion Ratio Lower Upper

42 100

74 130.0 115.7 173.5

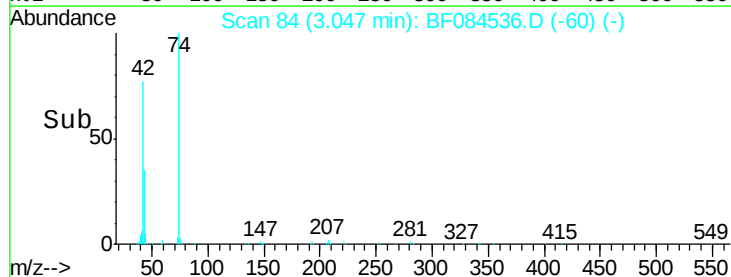
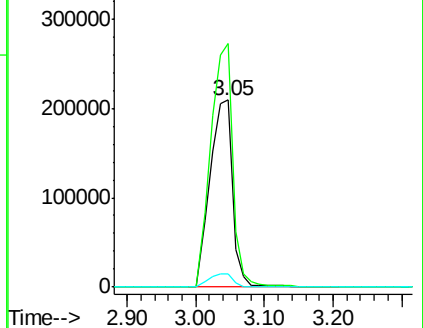
44 7.3 5.1 7.7

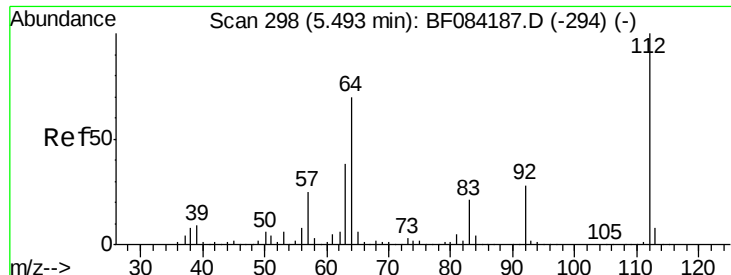


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.73 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

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ClientSampleId :

SSTDCCC040EC

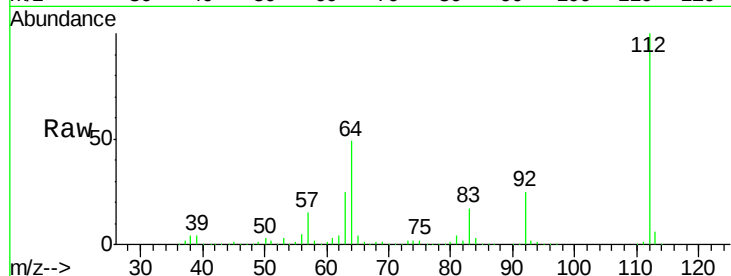
Tot Ion:112 Resp: 1555686

Ion Ratio Lower Upper

112 100

64 49.0 36.6 55.0

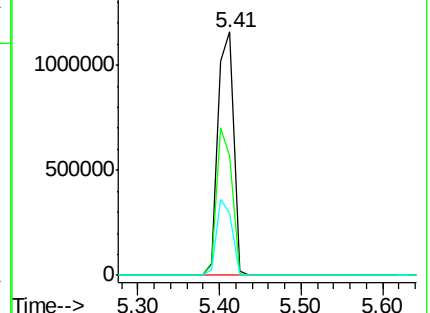
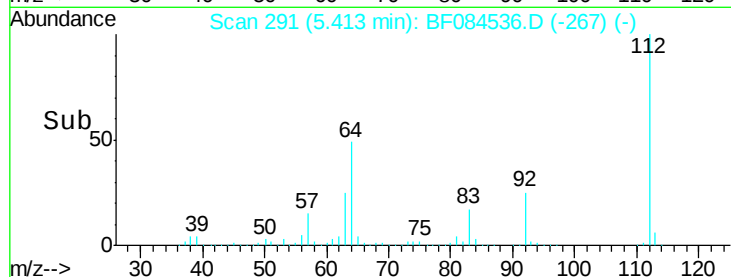
63 25.5 19.4 29.0



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: 35.37 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

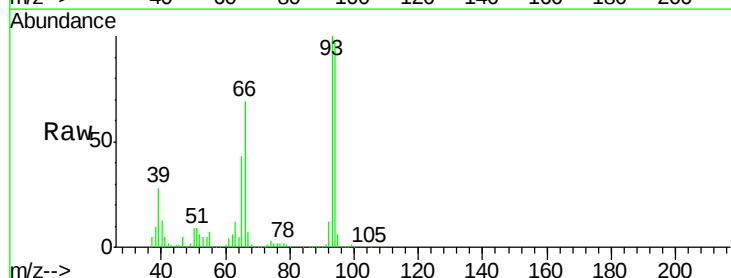
Tgt Ion: 93 Resp: 1236808

Ion Ratio Lower Upper

93 100

66 69.5 44.9 67.3#

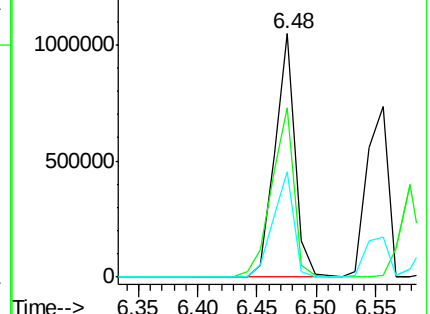
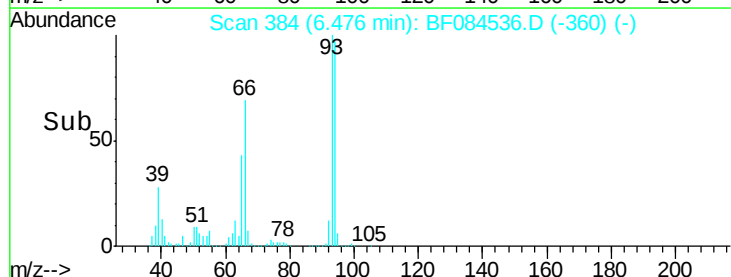
65 43.4 23.7 35.5#

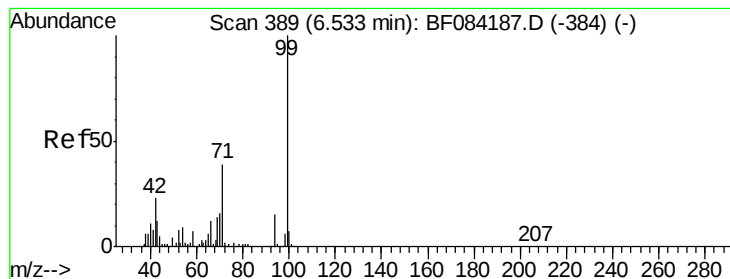


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.10 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

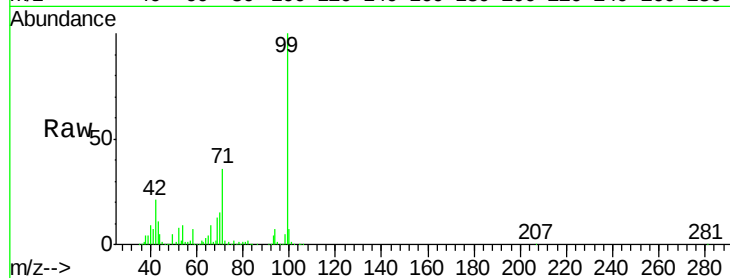
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1938925

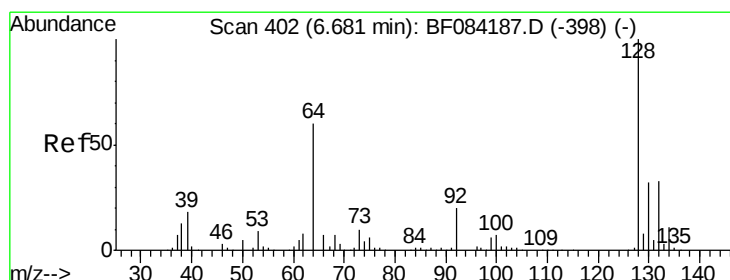
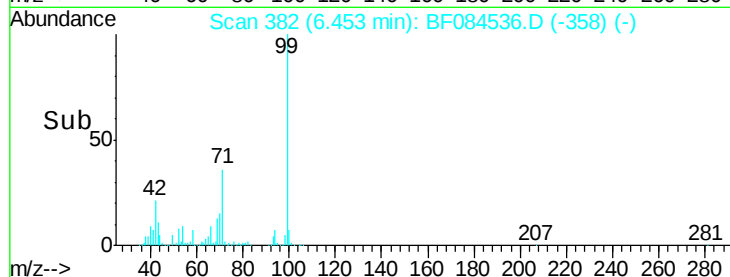
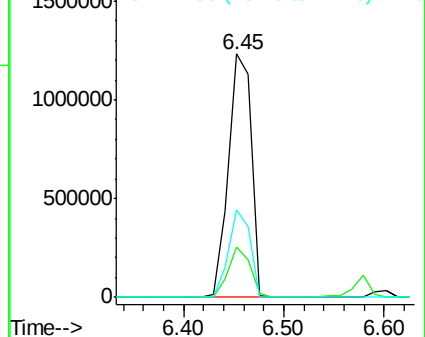
Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	36.0	30.9	46.3



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: 40.76 ng

RT: 6.60 min Scan# 395

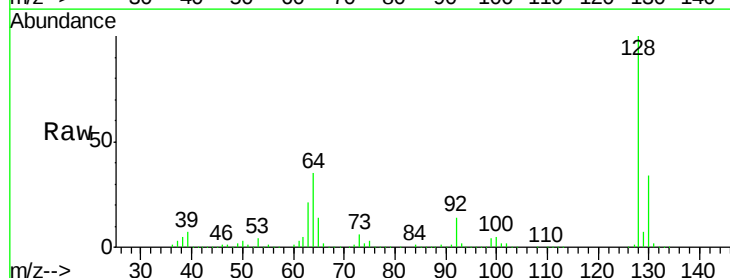
Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion: 128 Resp: 880196

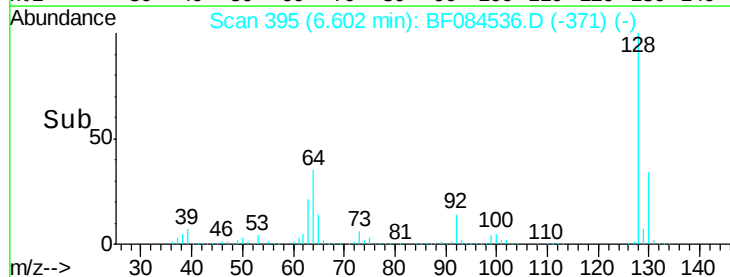
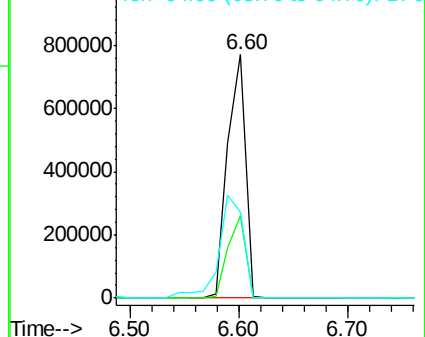
Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.6	51.6
64	35.2	23.8	63.8

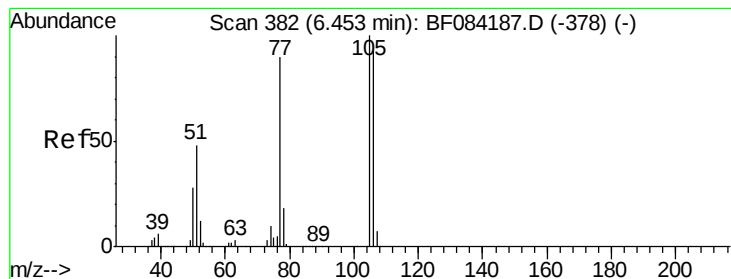


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.92 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF084536.D

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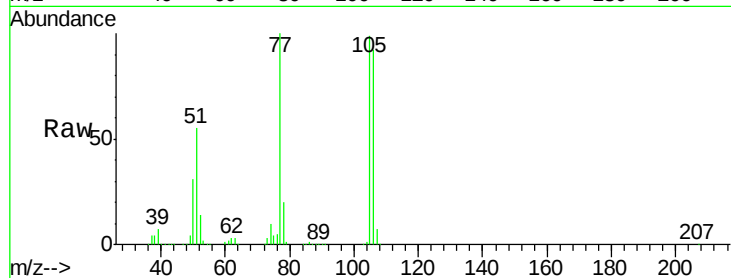
Tot Ion: 77 Resp: 559141

Ion Ratio Lower Upper

77 100

105 98.9 83.0 123.0

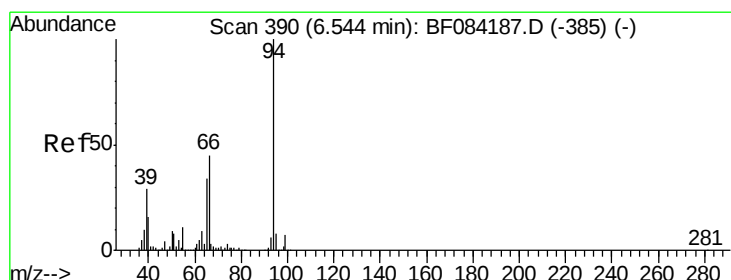
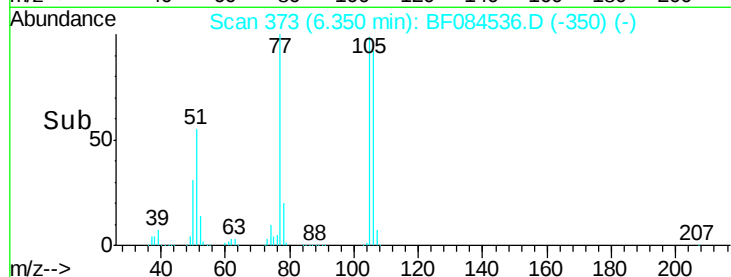
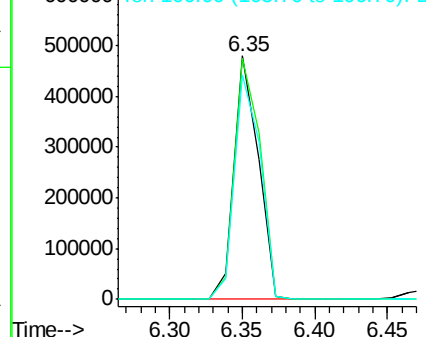
106 91.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.46 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

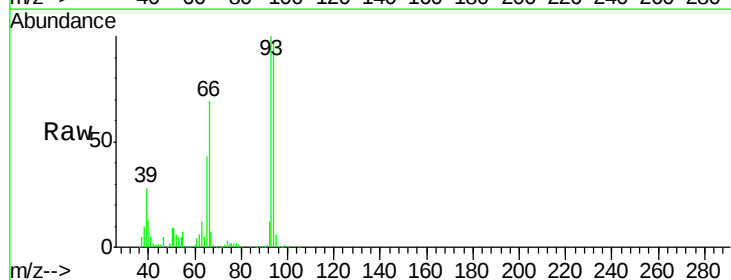
Tgt Ion: 94 Resp: 1099662

Ion Ratio Lower Upper

94 100

65 44.9 12.9 52.9

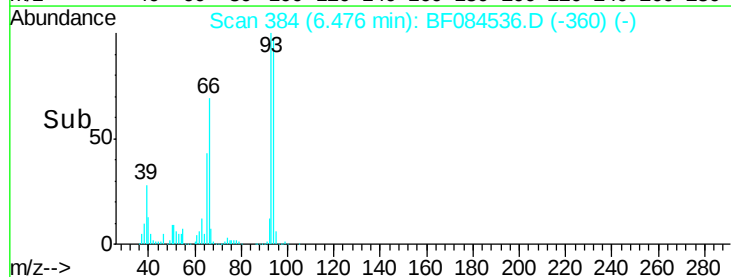
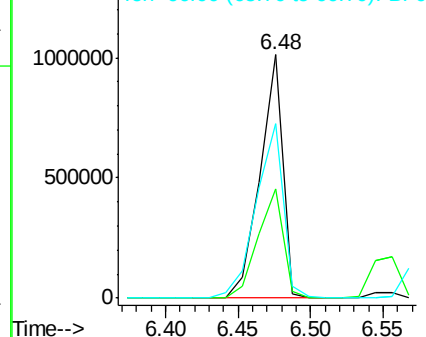
66 71.9 32.7 72.7

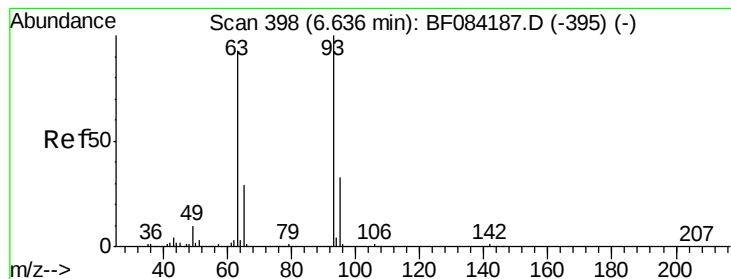


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

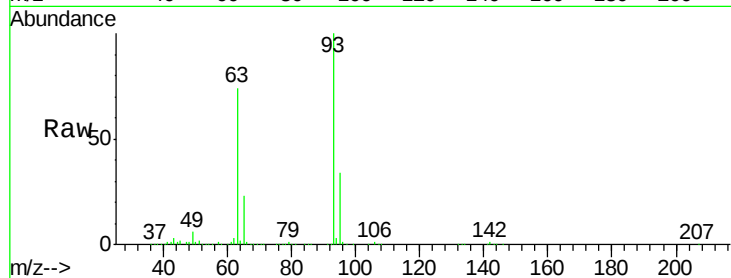




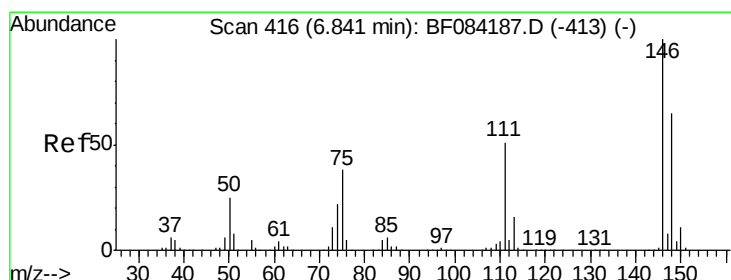
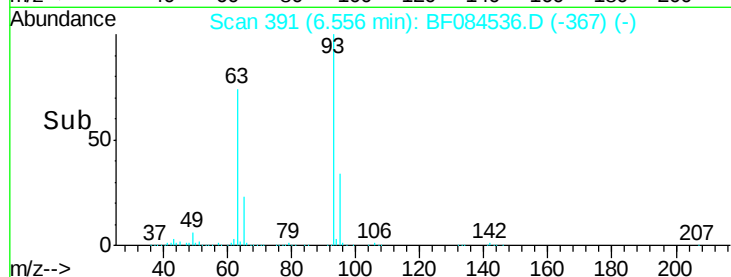
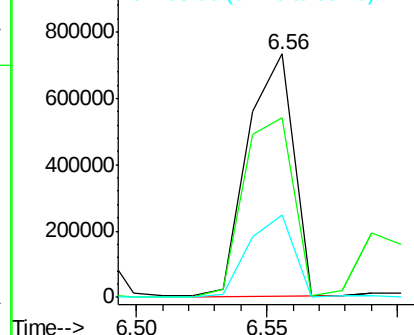
#11
bis(2-Chloroethyl)ether
Concen: 42.71 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	899237
Ion Ratio	Lower	Upper	
93	100		
63	73.9	45.9	85.9
95	33.9	12.3	52.3

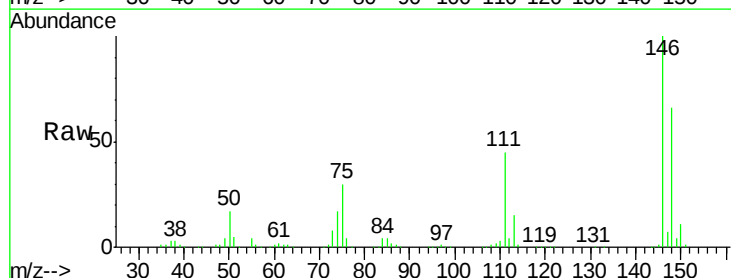


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

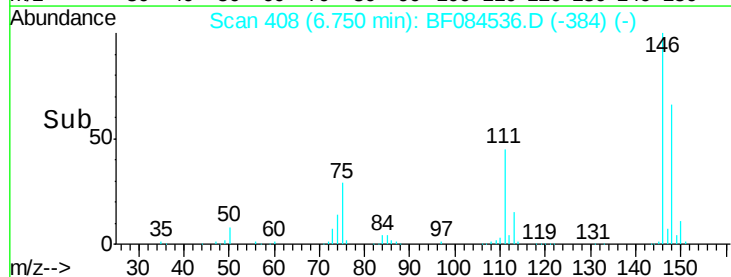
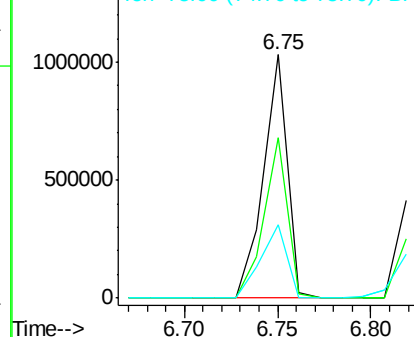


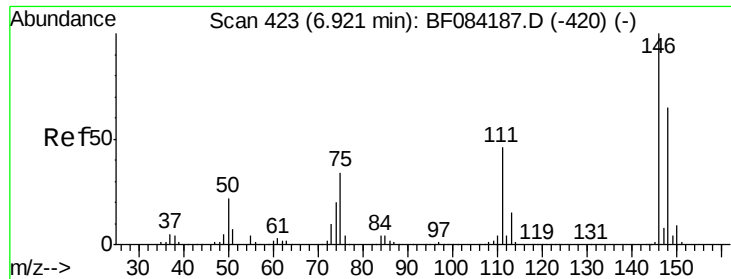
#12
1,3-Dichlorobenzene
Concen: 41.61 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion	146	Resp	926946
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.9	77.9
75	30.2	20.5	30.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

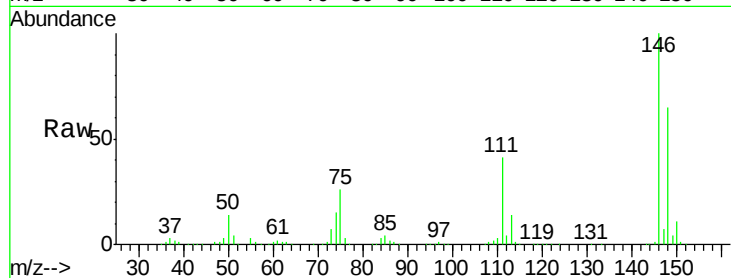




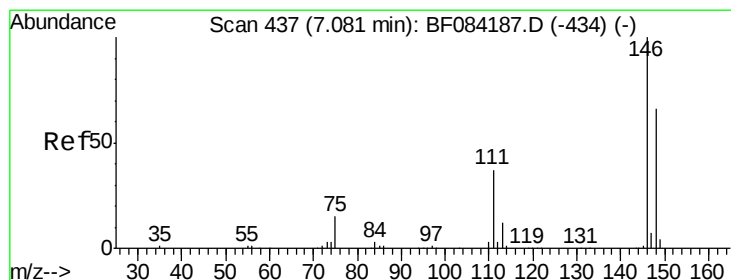
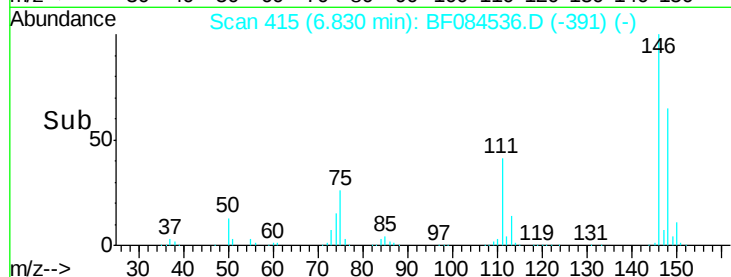
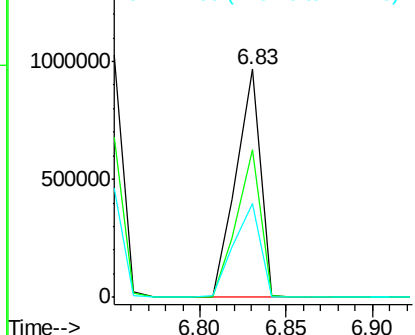
#13
 1,4-Dichlorobenzene
 Concen: 42.72 ng m
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 954272
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 41.1 41.6 62.4#

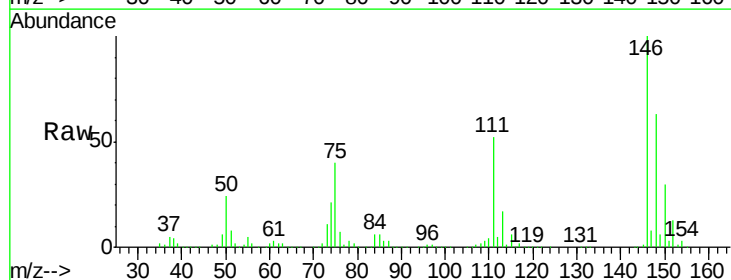


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

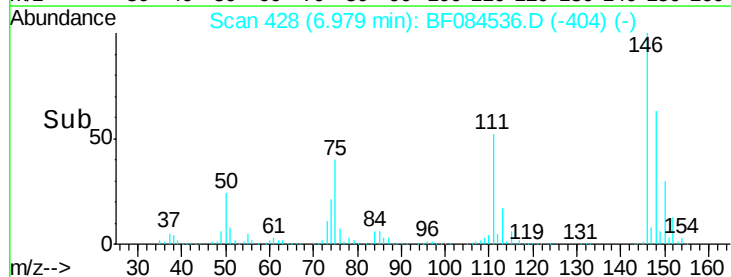
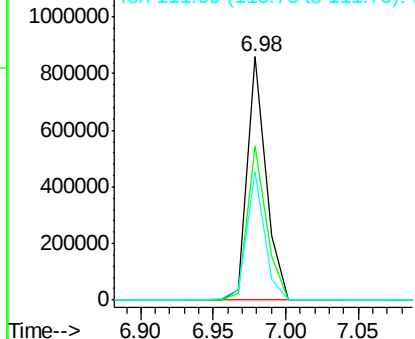


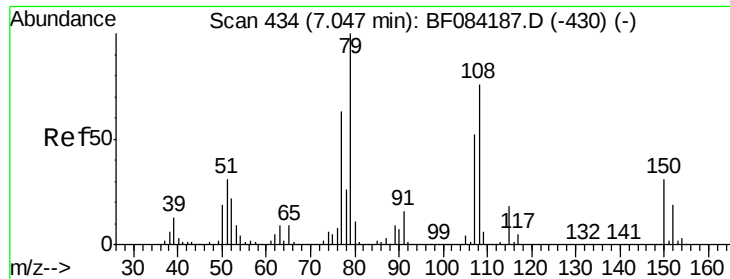
#14
 1,2-Dichlorobenzene
 Concen: 36.16 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion:146 Resp: 773602
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.6 77.4
 111 52.5 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

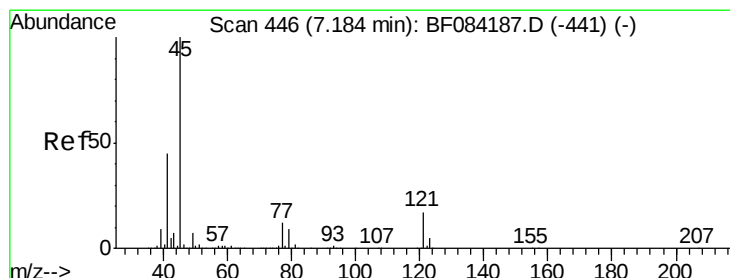
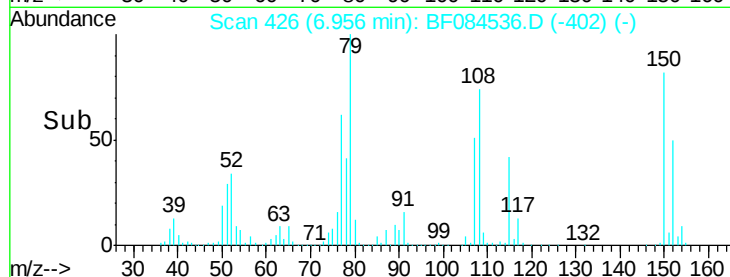
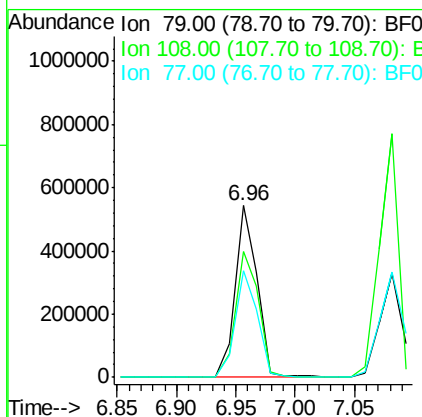
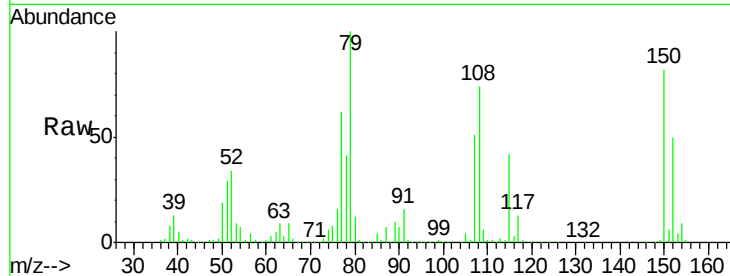




#15
Benzyl Alcohol
Concen: 34.70 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

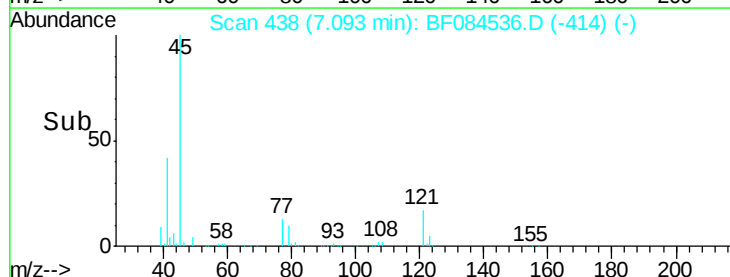
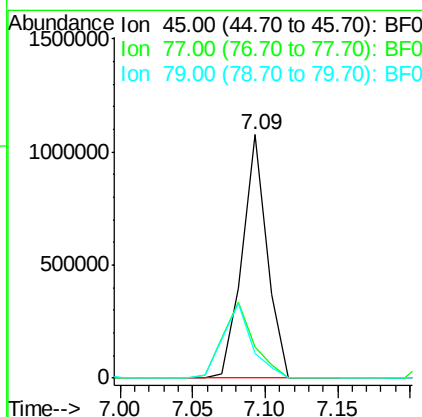
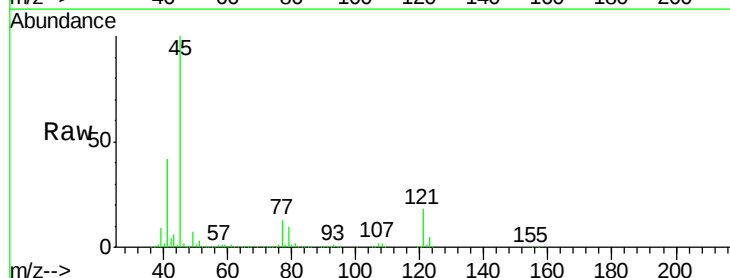
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

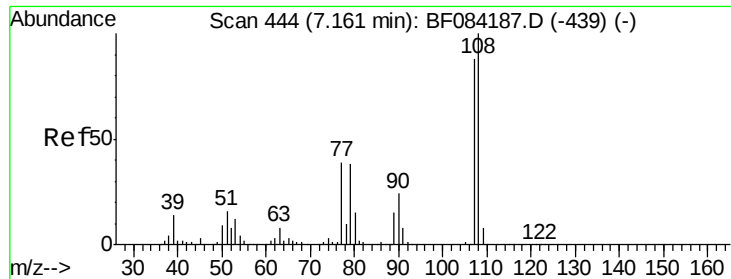
Tot Ion: 79 Resp: 697832
Ion Ratio Lower Upper
79 100
108 73.6 69.0 103.4
77 62.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.37 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion: 45 Resp: 1279604
Ion Ratio Lower Upper
45 100
77 13.0 0.0 39.6
79 10.1 0.0 35.0





#17

2-Methylphenol

Concen: 41.11 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 744024

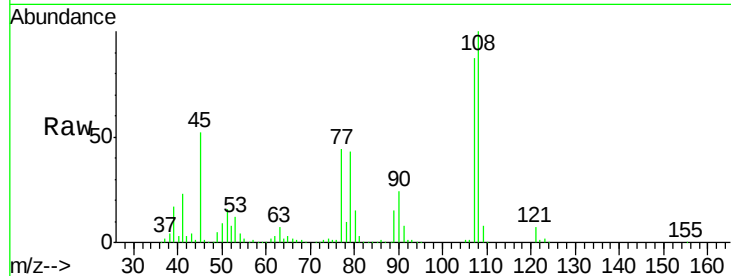
Ion Ratio Lower Upper

107 100

108 114.9 89.8 134.6

77 50.0 35.7 53.5

79 48.9 35.7 53.5

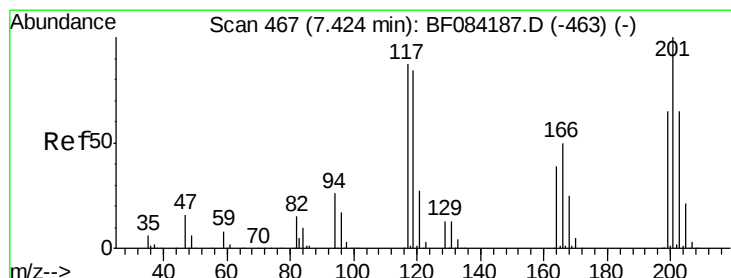
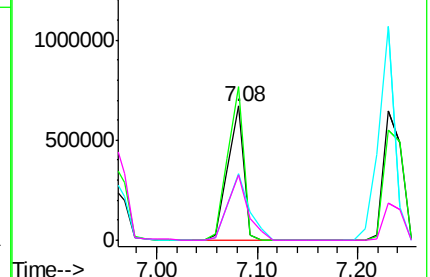
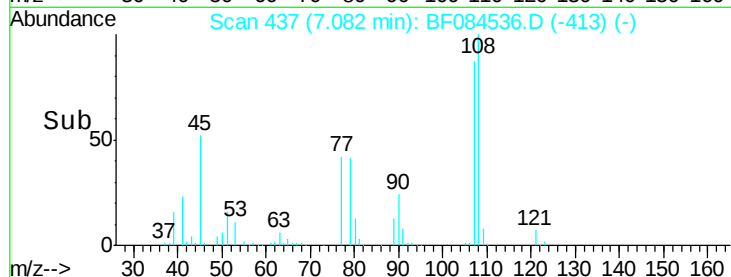


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.50 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

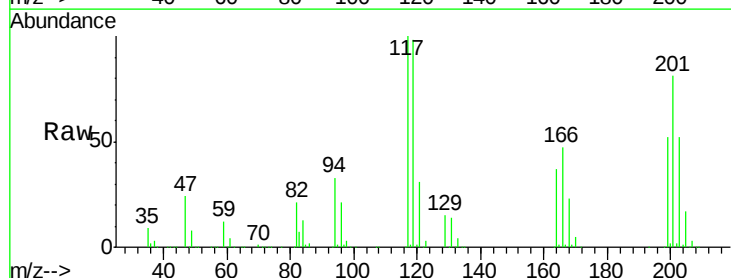
Tgt Ion:117 Resp: 343970

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

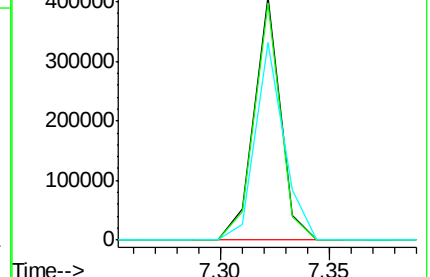
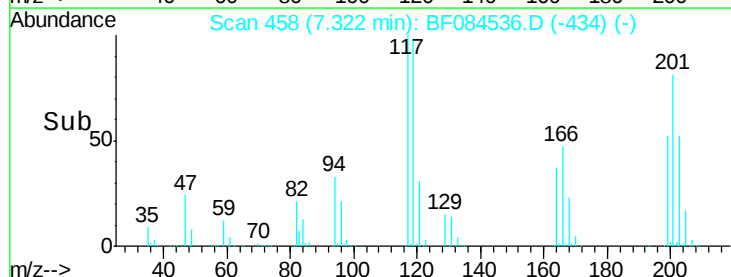
201 81.4 68.6 103.0

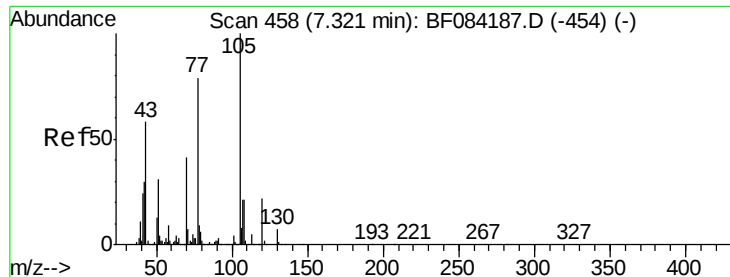


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

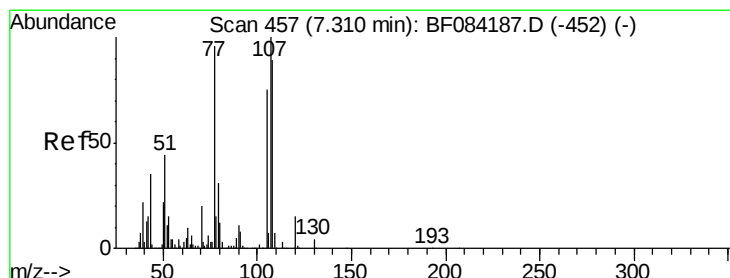
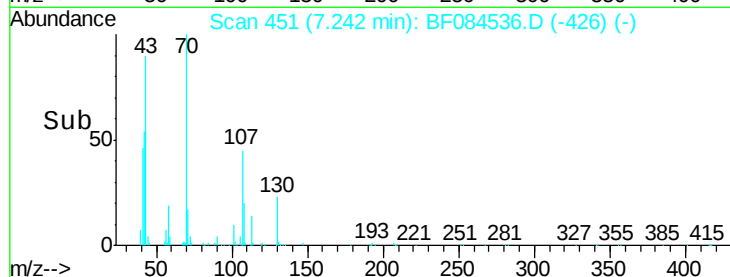
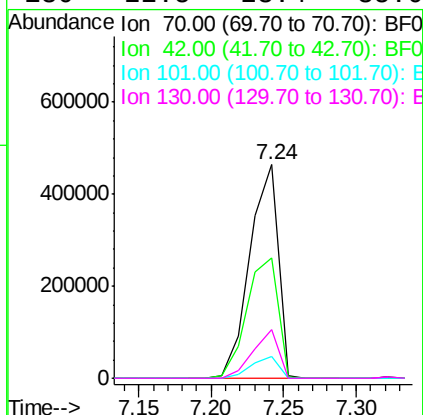
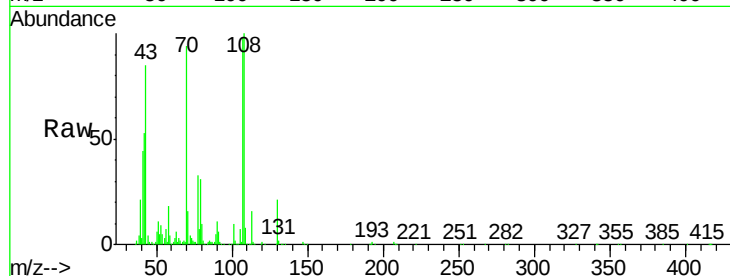




#19
n-Nitroso-di-n-propylamine
Concen: 39.00 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

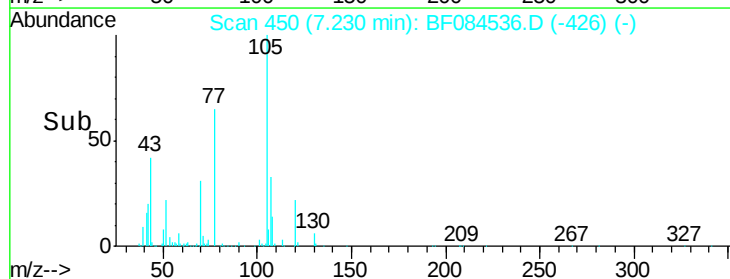
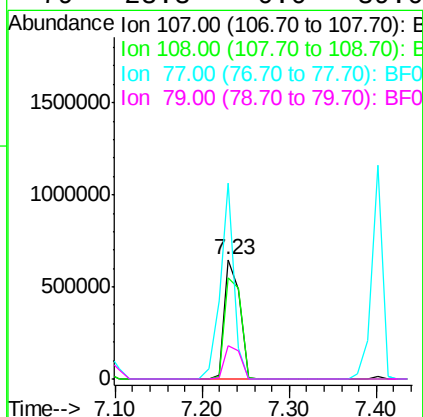
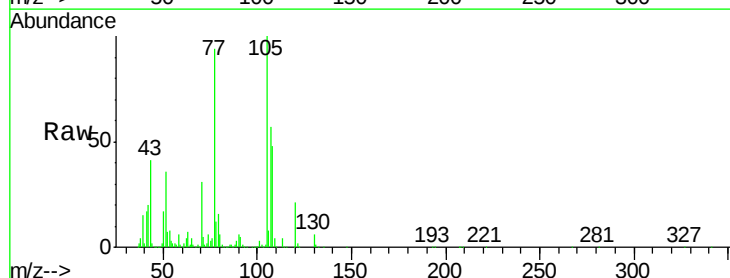
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 631221
Ion Ratio Lower Upper
70 100
42 56.4 33.3 49.9#
101 10.2 9.3 13.9
130 22.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 37.70 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:107 Resp: 802161
Ion Ratio Lower Upper
107 100
108 85.4 74.6 114.6
77 164.9 0.7 40.7#
79 28.3 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1269368

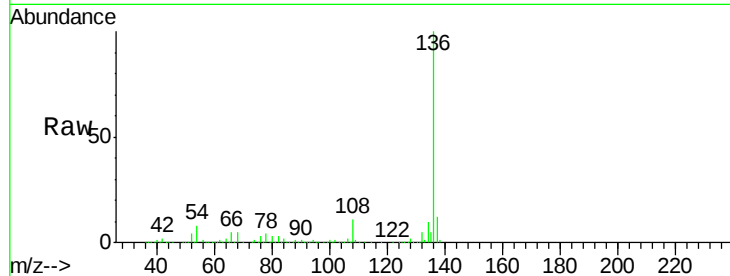
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 8.1 5.8 8.8

68 5.2 4.2 6.2

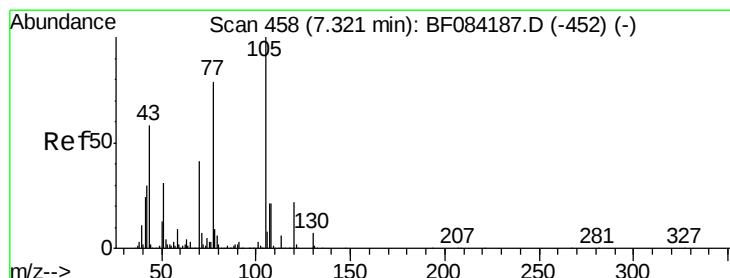
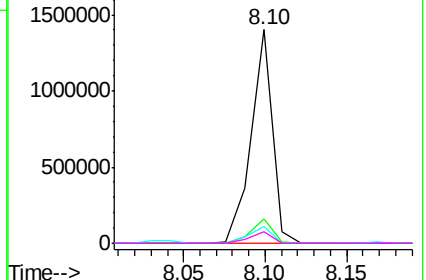
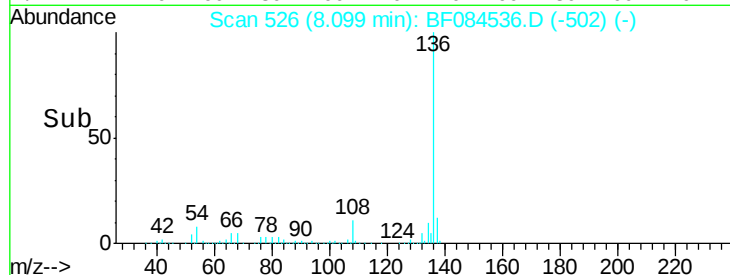


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.49 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion:105 Resp: 1205445

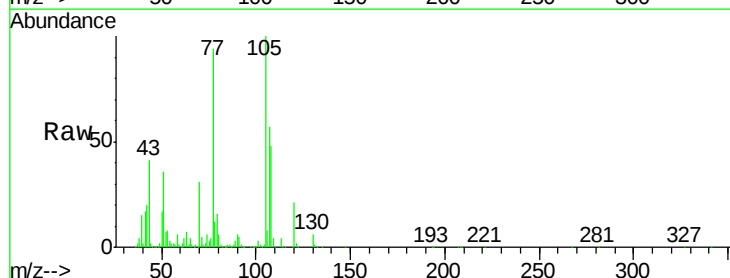
Ion Ratio Lower Upper

105 100

71 5.2 3.7 5.5

51 36.0 25.1 37.7

120 21.5 16.6 25.0

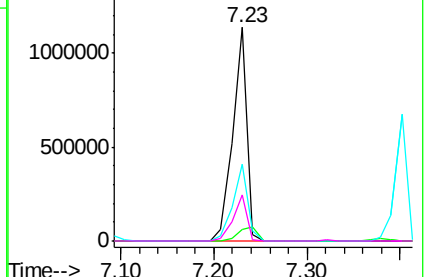
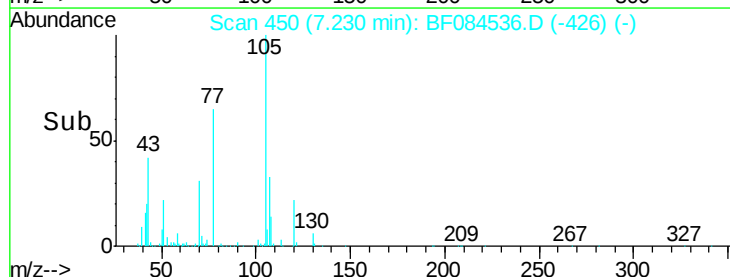


Abundance Ion 105.00 (104.70 to 105.70): E

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

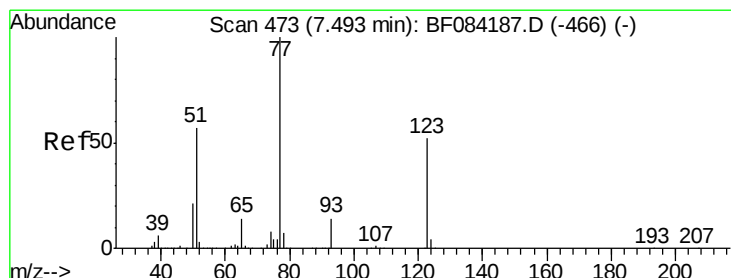
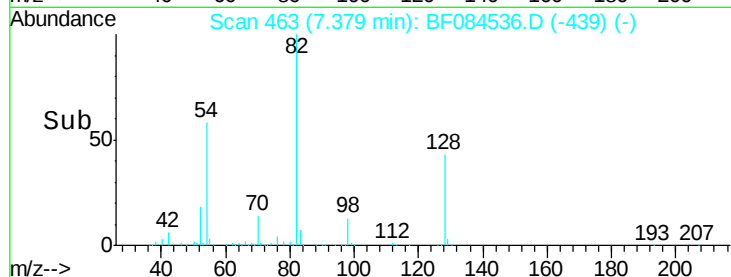
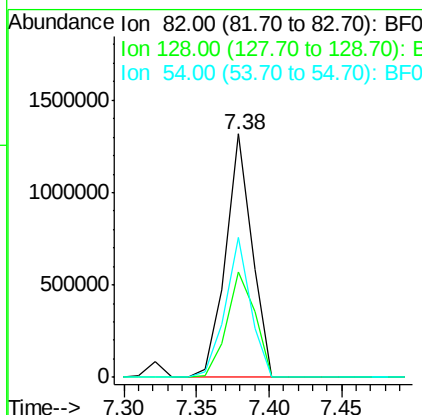
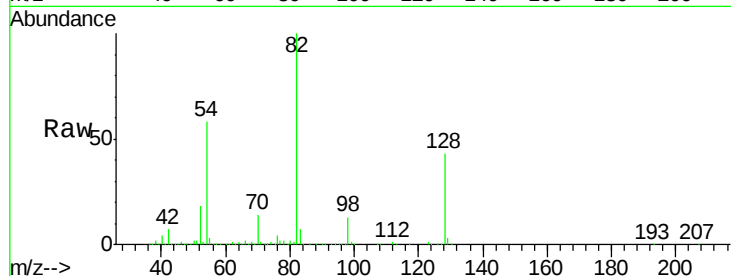




#23
 Nitrobenzene-d5
 Concen: 72.72 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

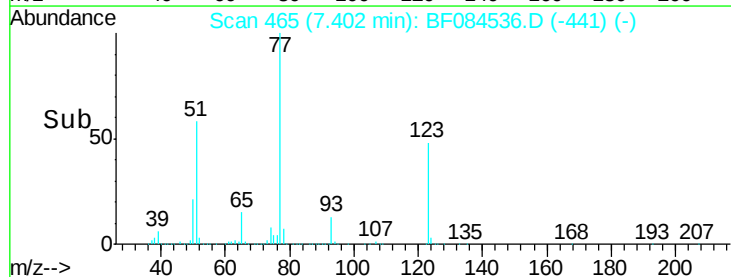
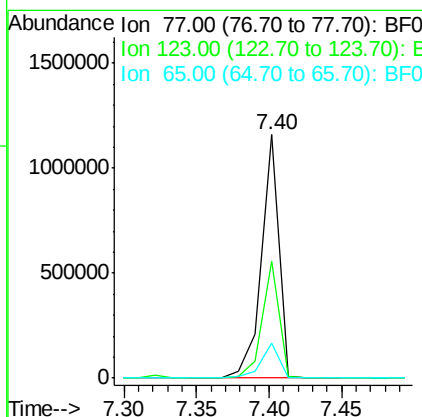
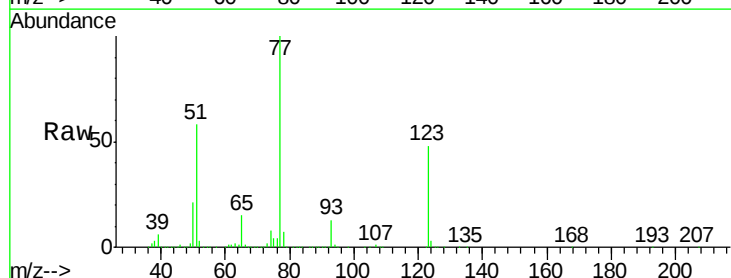
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

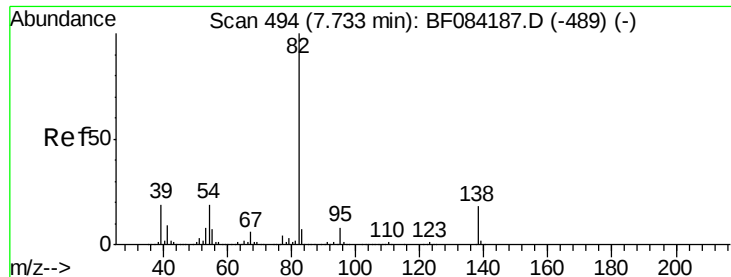
Tot Ion: 82 Resp: 1658667
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 51.8
 54 57.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 42.02 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion: 77 Resp: 971988
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.4 56.2
 65 14.6 10.9 16.3





#25

Isophorone

Concen: 37.94 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

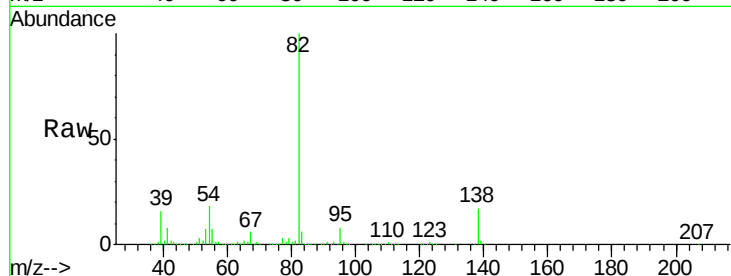
Tot Ion: 82 Resp: 1655012

Ion Ratio Lower Upper

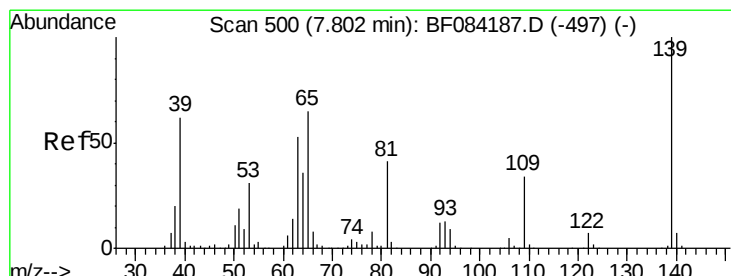
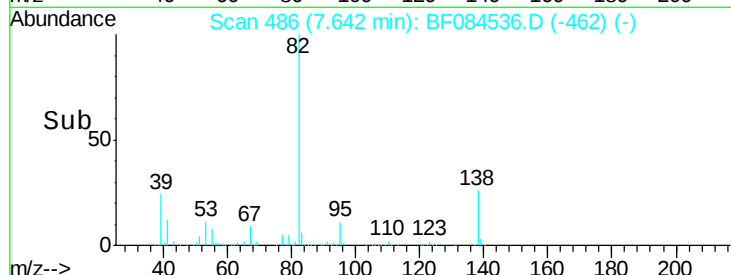
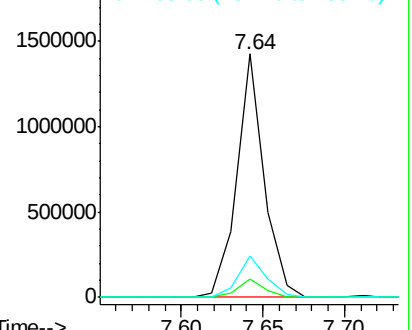
82 100

95 7.5 6.6 10.0

138 17.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.79 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

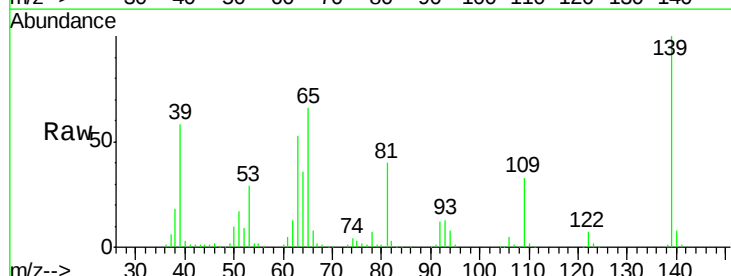
Tgt Ion: 139 Resp: 429445

Ion Ratio Lower Upper

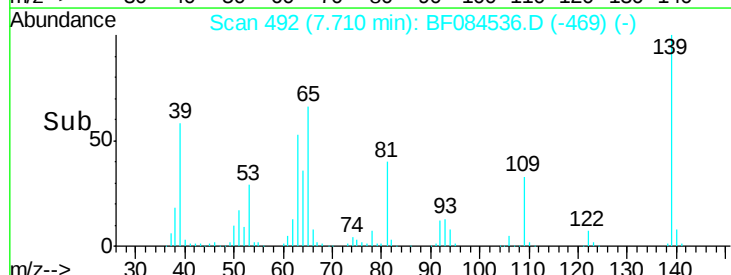
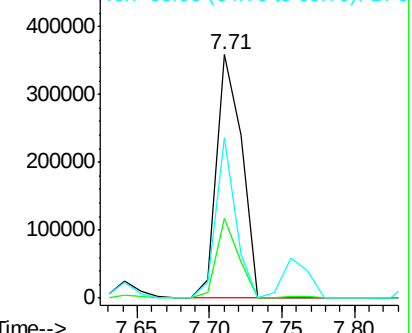
139 100

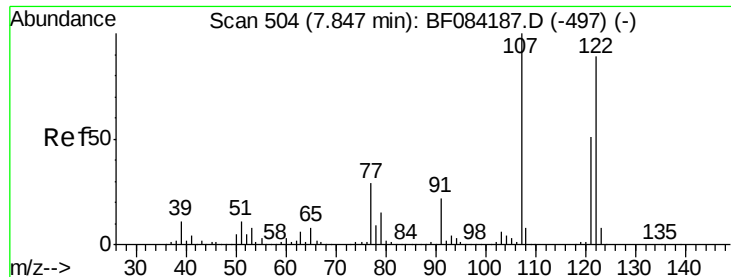
109 33.0 25.4 38.2

65 66.1 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 38.05 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

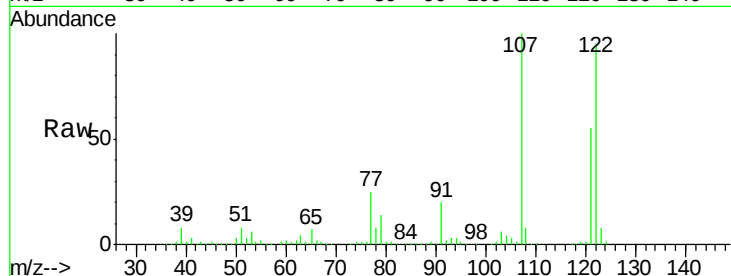
Tot Ion:122 Resp: 810758

Ion Ratio Lower Upper

122 100

107 104.9 99.1 148.7

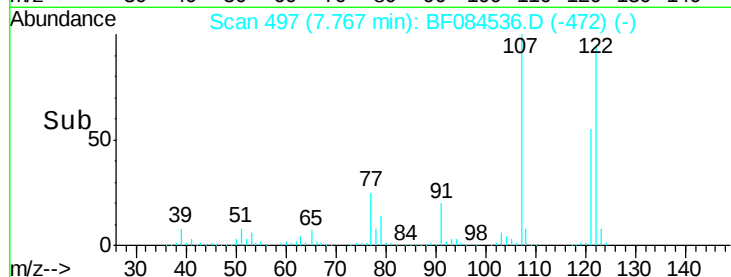
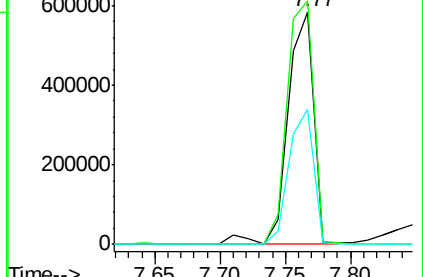
121 58.0 47.9 71.9



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: 40.46 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

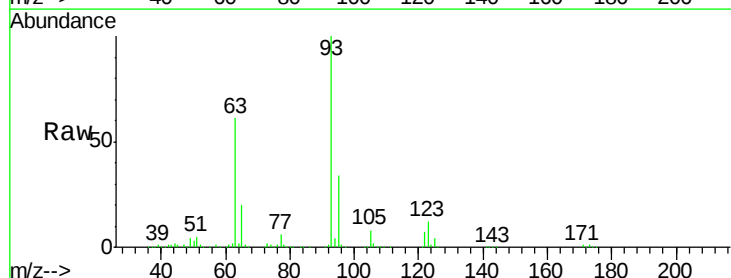
Tgt Ion: 93 Resp: 1077965

Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

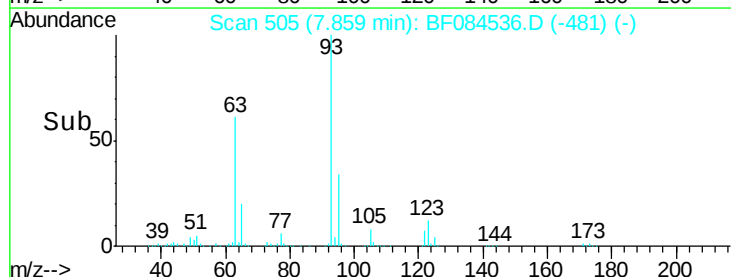
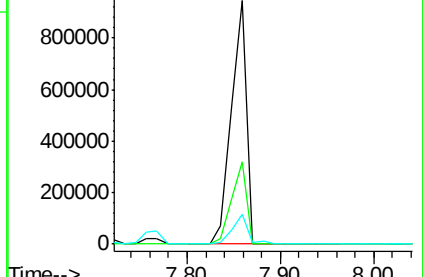
123 12.4 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

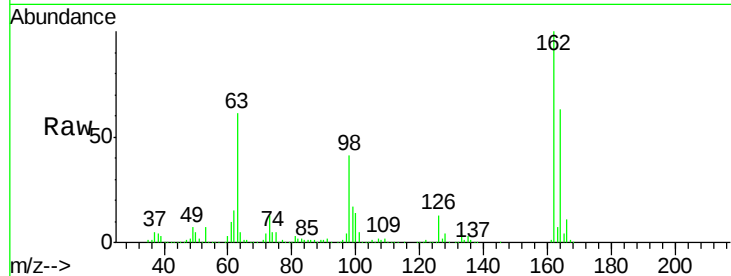




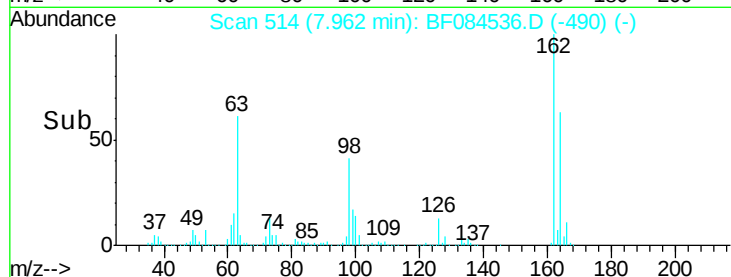
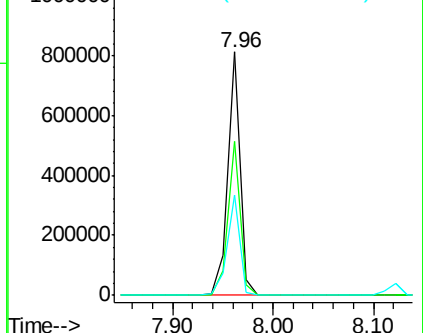
#29
 2,4-Dichlorophenol
 Concen: 39.08 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion:162 Resp: 693723
 Ion Ratio Lower Upper
 162 100
 164 63.3 44.1 84.1
 98 41.3 20.2 60.2

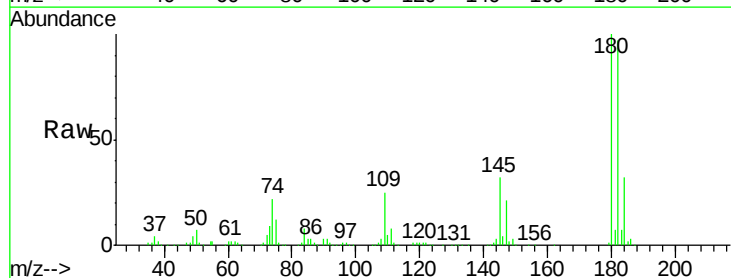


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

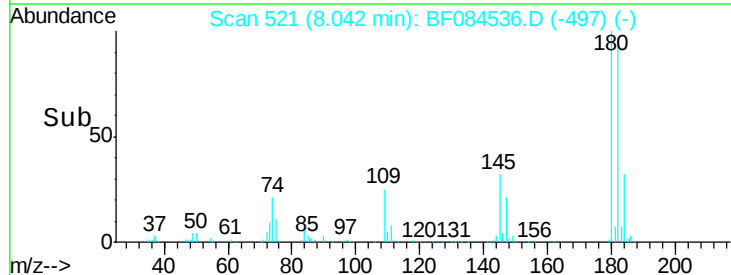
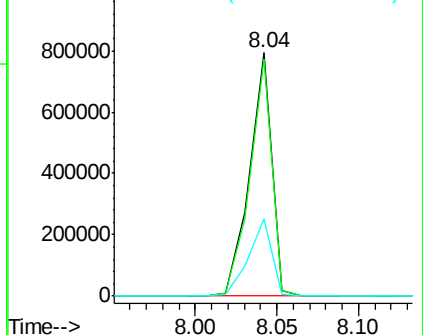


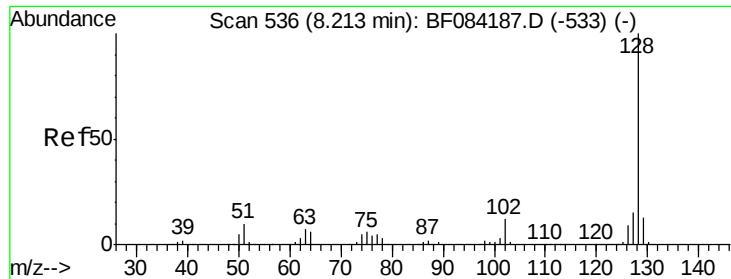
#30
 1,2,4-Trichlorobenzene
 Concen: 40.86 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion:180 Resp: 748829
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.4 114.6
 145 31.7 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

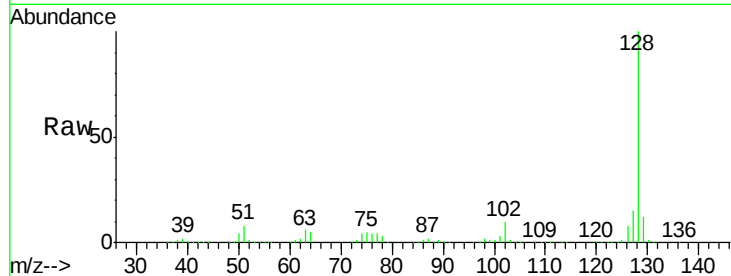




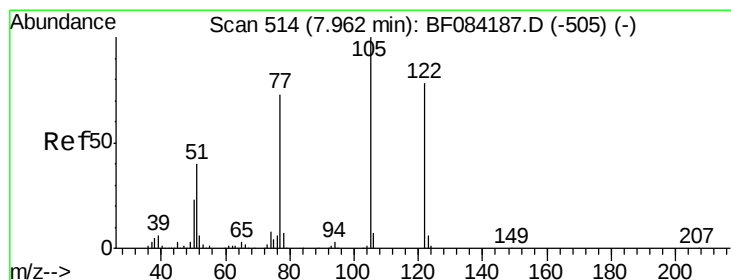
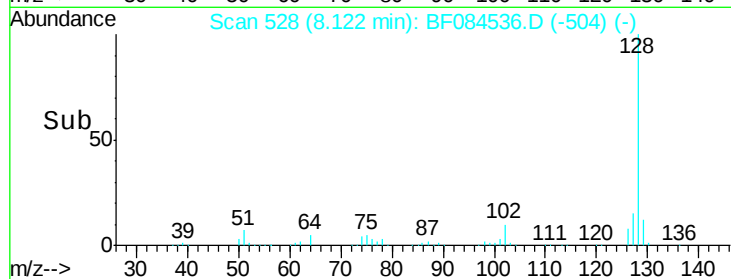
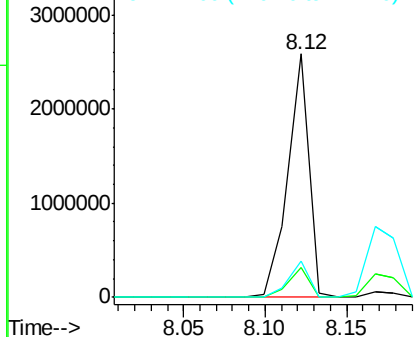
#31
Naphthalene
Concen: 40.68 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2342966
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 15.0 11.1 16.7

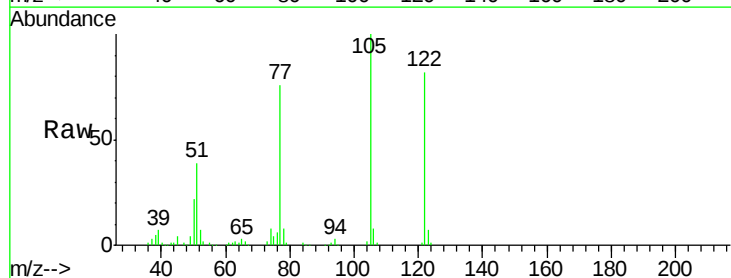


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

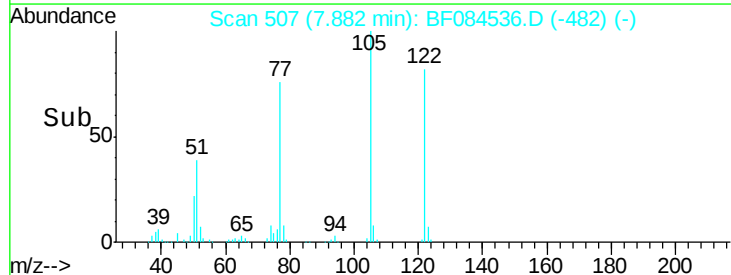
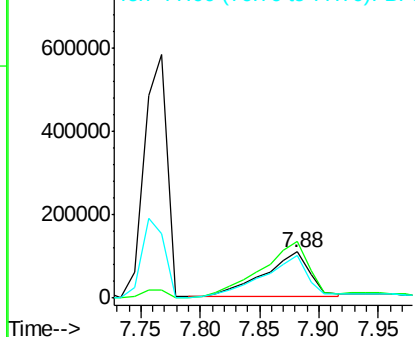


#32
Benzoic acid
Concen: 25.13 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:122 Resp: 297543
Ion Ratio Lower Upper
122 100
105 122.4 100.3 140.3
77 92.6 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

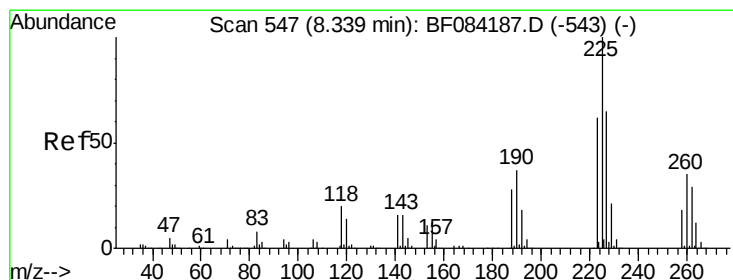
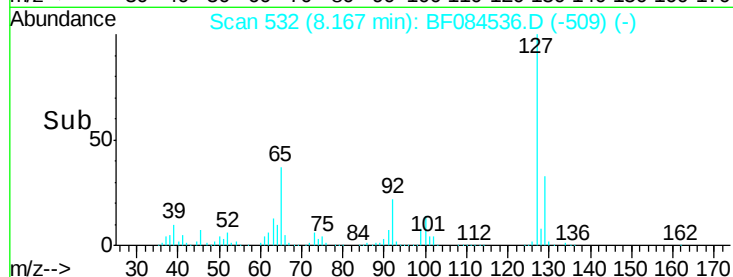
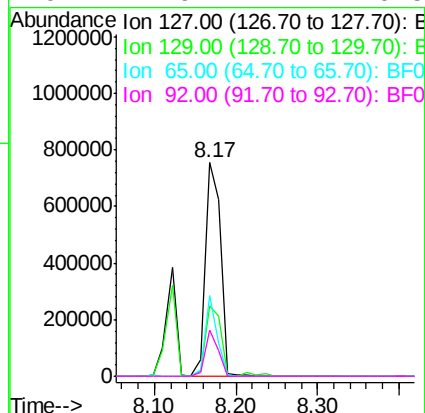
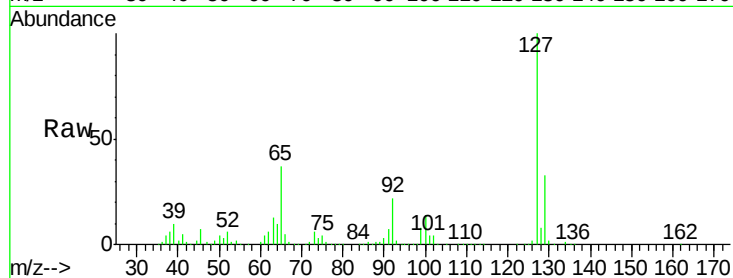




#33
4-Chloroaniline
Concen: 37.94 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

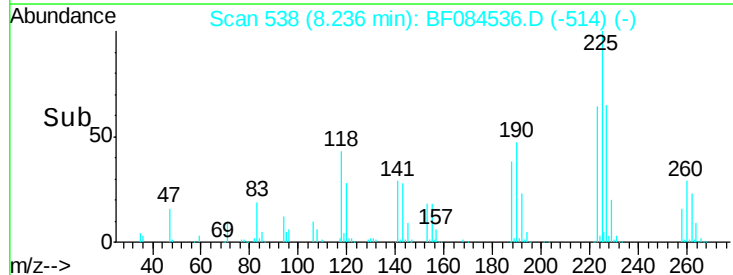
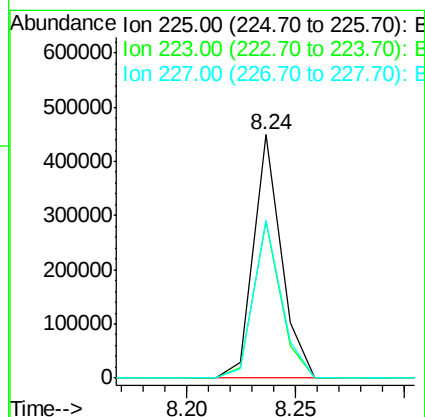
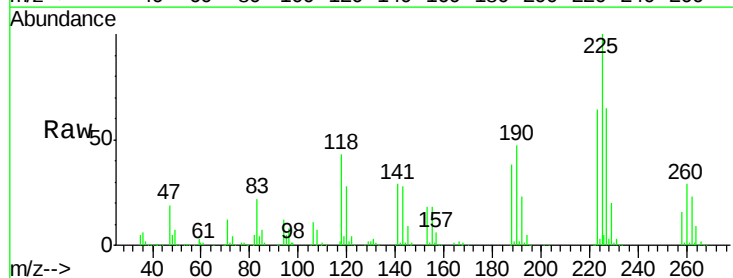
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

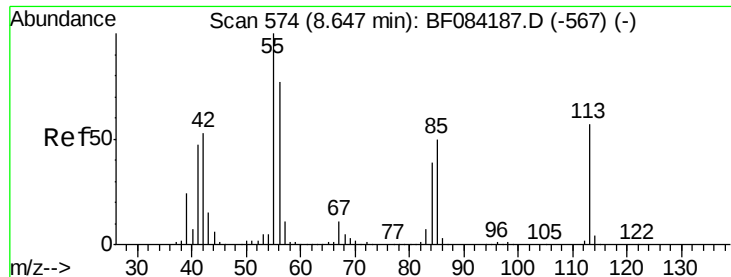
Tot Ion:	127	Resp:	1001839
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	37.5	27.2	40.8
92	21.6	17.7	26.5



#34
Hexachlorobutadiene
Concen: 37.83 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:	225	Resp:	398469
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.4	74.0
227	64.7	50.8	76.2





#35

Caprolactam

Concen: 34.91 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

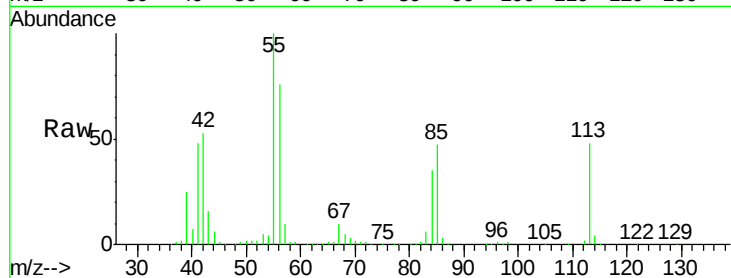
Tot Ion:113 Resp: 208928

Ion Ratio Lower Upper

113 100

55 208.4 116.9 156.9#

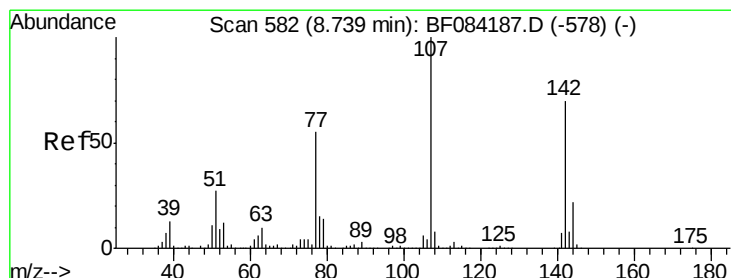
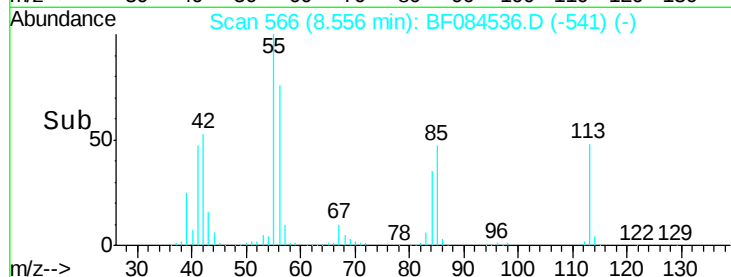
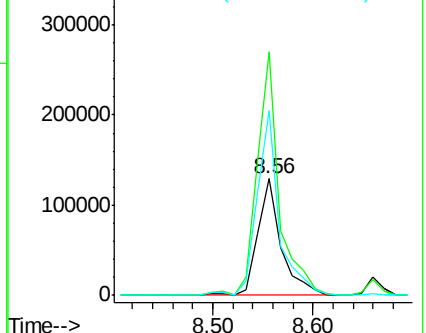
56 158.1 93.8 133.8#



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: 35.14 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

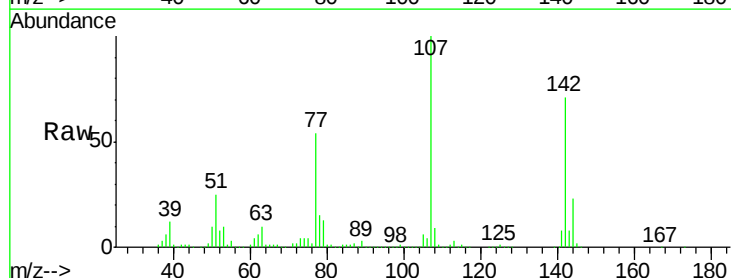
Tgt Ion:107 Resp: 698800

Ion Ratio Lower Upper

107 100

144 23.1 19.7 29.5

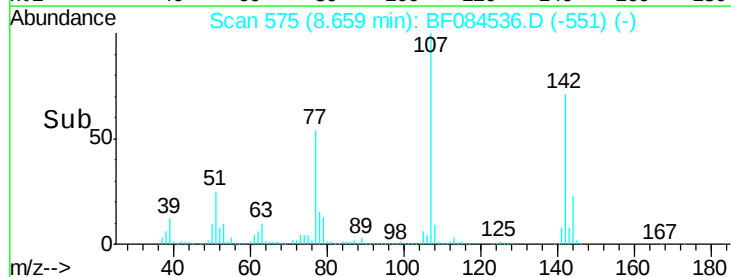
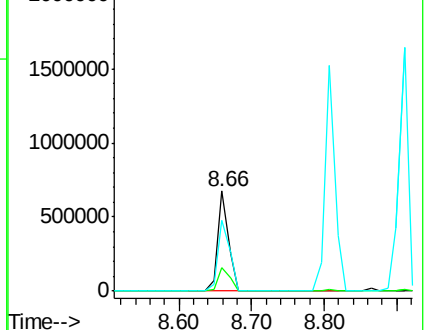
142 71.3 61.8 92.6

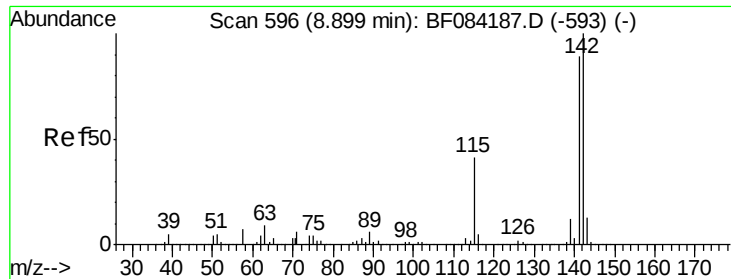


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

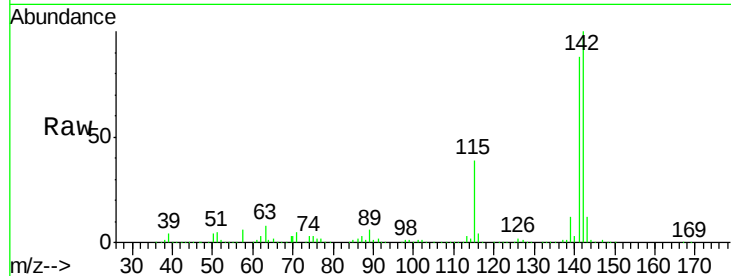




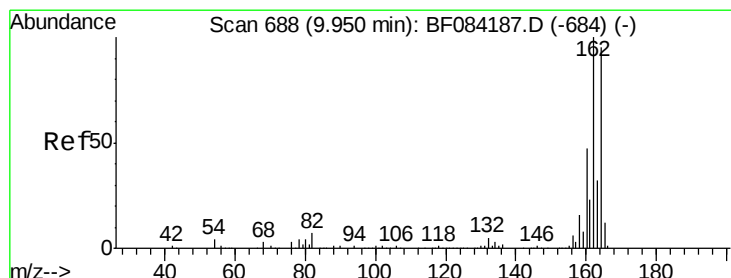
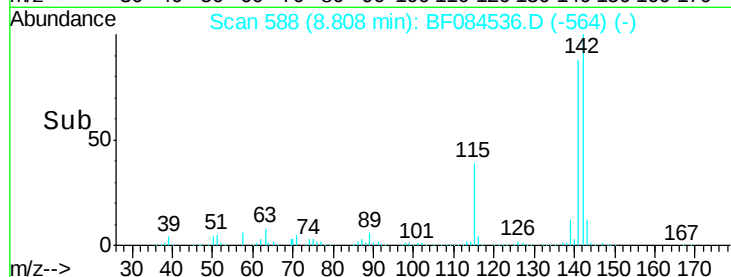
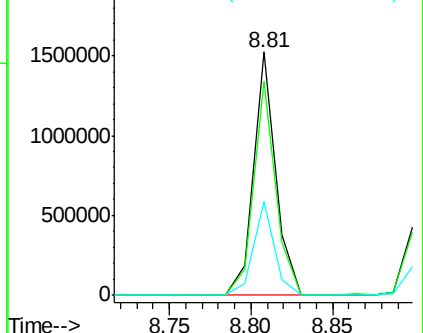
#37
2-Methylnaphthalene
Concen: 34.78 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1438043
Ion Ratio Lower Upper
142 100
141 87.8 72.4 108.6
115 38.7 27.9 41.9

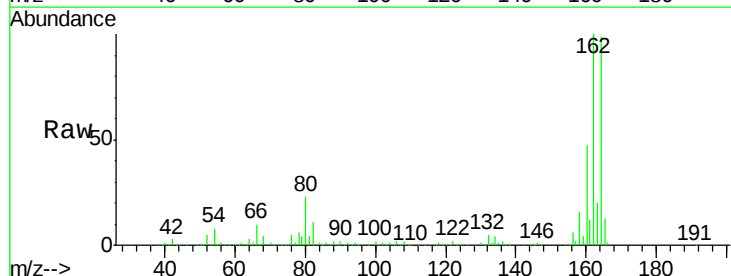


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

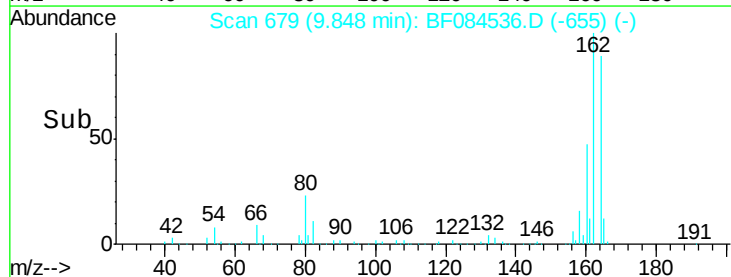
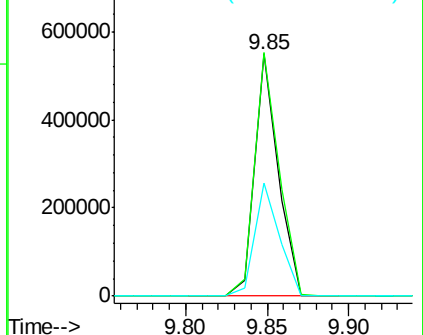


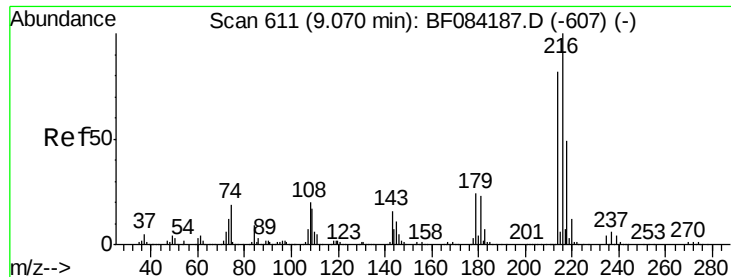
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:164 Resp: 551667
Ion Ratio Lower Upper
164 100
162 100.7 85.1 127.7
160 46.9 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: 45.07 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 714868

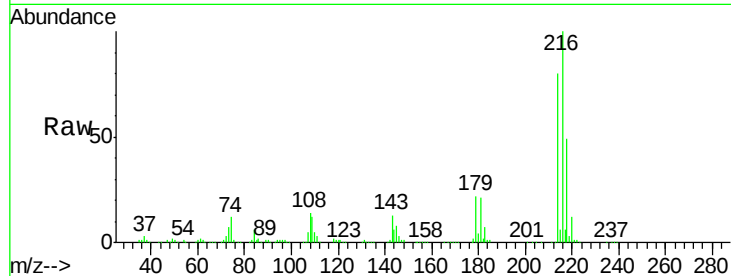
Ion Ratio Lower Upper

216 100

214 80.1 64.2 96.2

179 23.2 18.7 28.1

108 18.6 16.8 25.2

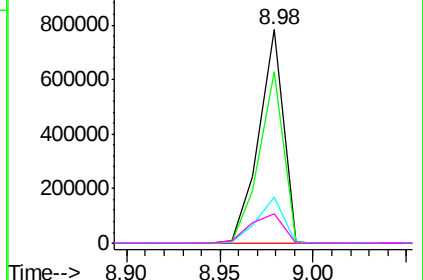
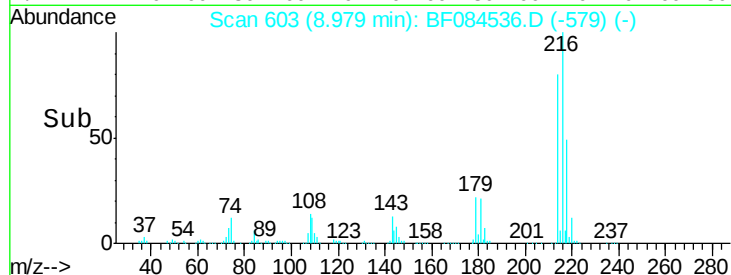


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.39 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

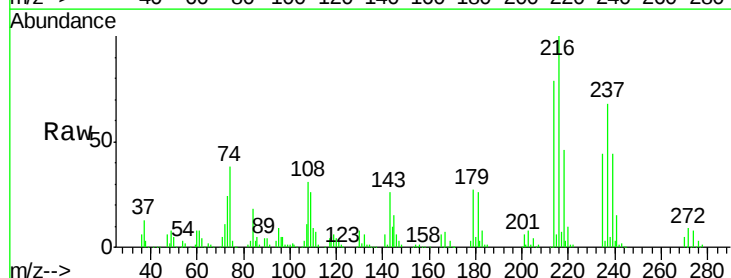
Tgt Ion:237 Resp: 166482

Ion Ratio Lower Upper

237 100

235 64.7 43.1 83.1

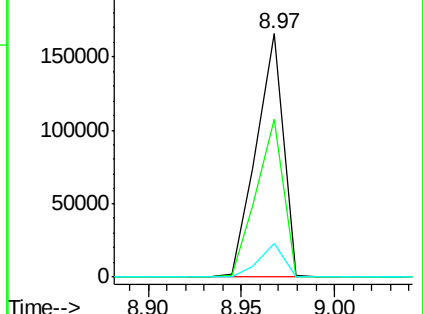
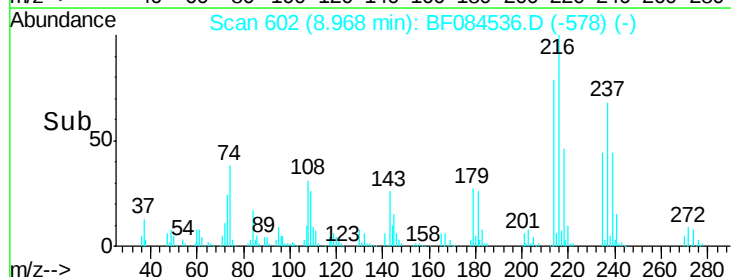
272 13.9 0.0 35.1



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

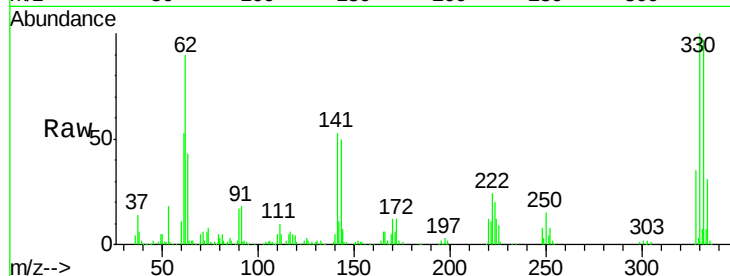




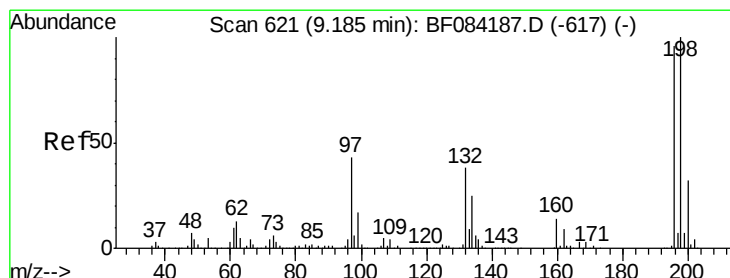
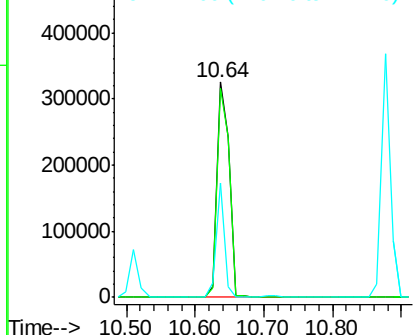
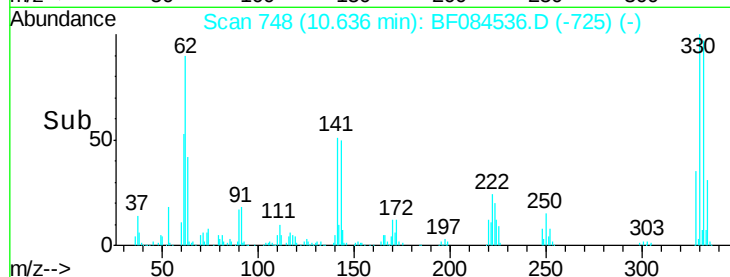
#41
 2,4,6-Tribromophenol
 Concen: 73.55 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 409641
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 35.7 27.8 41.6

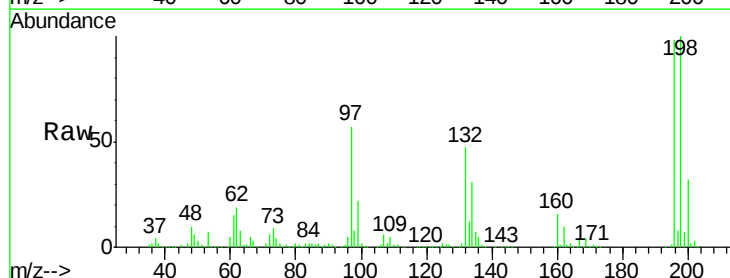


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

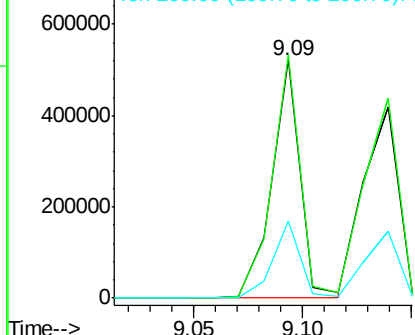
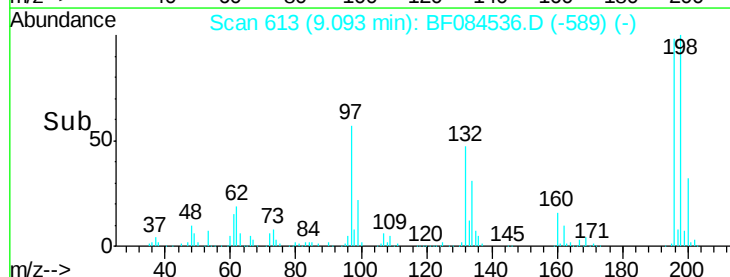


#42
 2,4,6-Trichlorophenol
 Concen: 40.07 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion:196 Resp: 475484
 Ion Ratio Lower Upper
 196 100
 198 102.2 77.7 116.5
 200 32.6 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

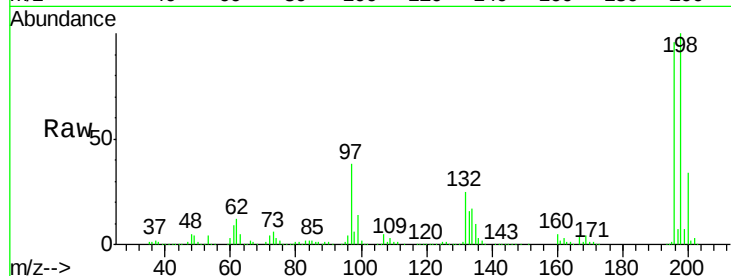




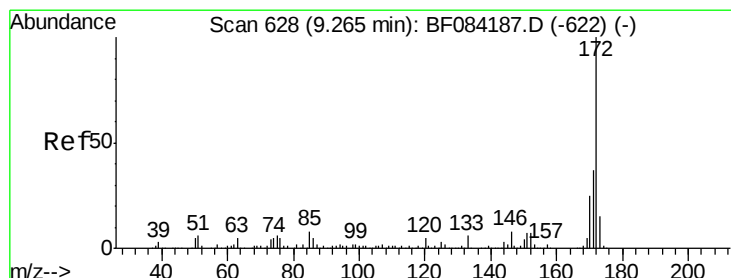
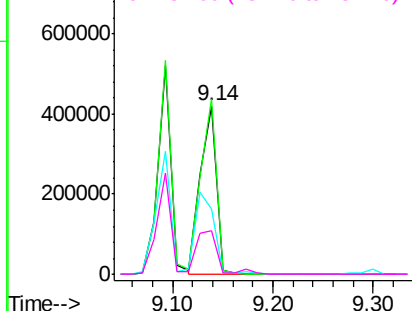
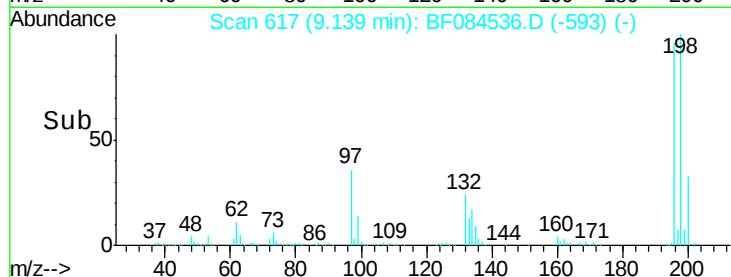
#43
 2,4,5-Trichlorophenol
 Concen: 41.35 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 470288
 Ion Ratio Lower Upper
 196 100
 198 104.6 79.0 118.6
 97 39.3 33.0 49.6
 132 26.1 21.1 31.7

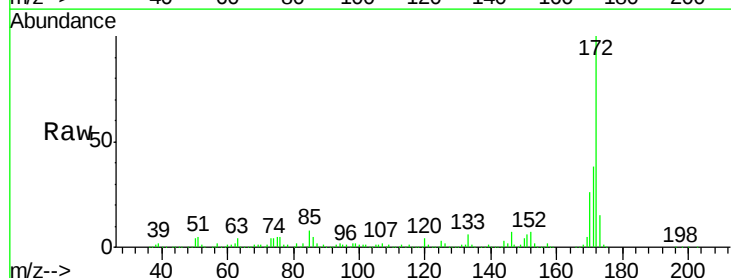


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

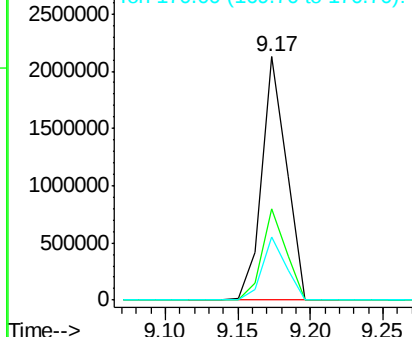
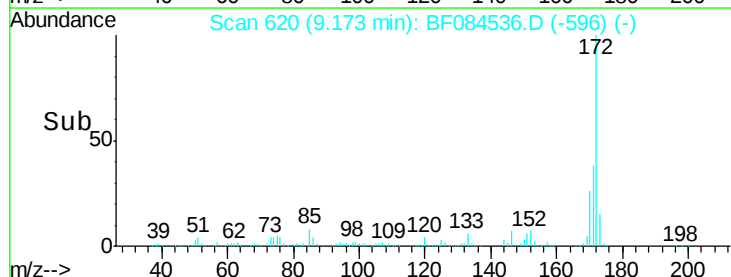


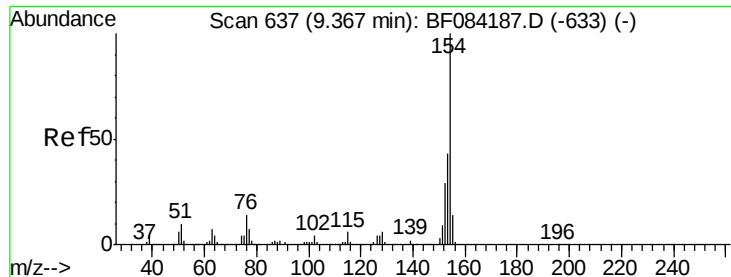
#44
 2-Fluorobiphenyl
 Concen: 79.08 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion:172 Resp: 2493858
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.9 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: 40.57 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

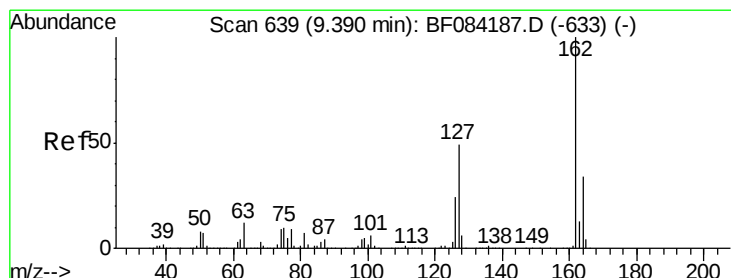
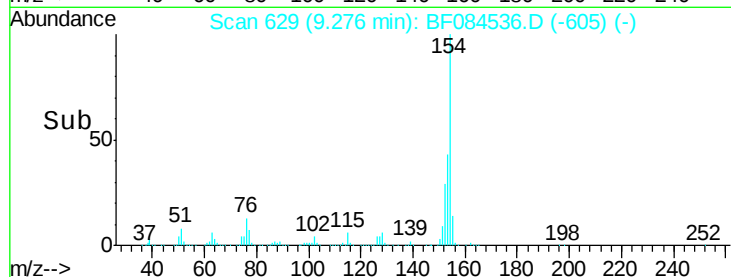
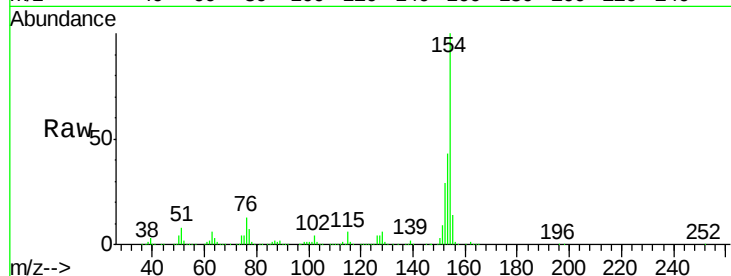
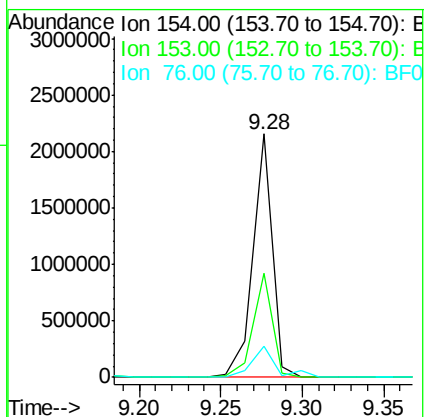
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1778769

Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.6	61.6
76	12.9	0.0	32.7



#46

2-Chloronaphthalene

Concen: 39.09 ng

RT: 9.30 min Scan# 631

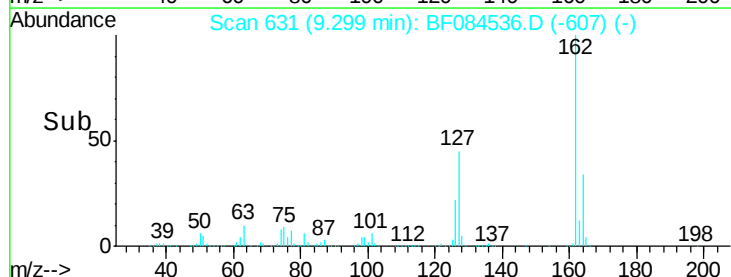
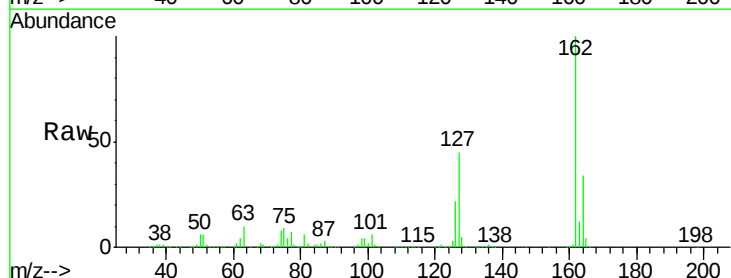
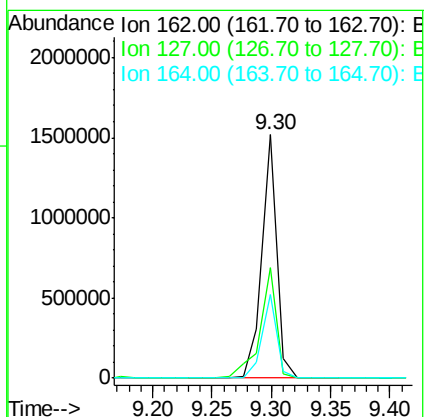
Delta R.T. -0.02 min

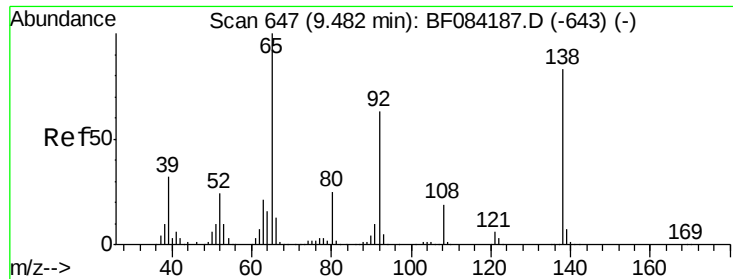
Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion:162 Resp: 1346113

Ion	Ratio	Lower	Upper
162	100		
127	45.2	40.2	60.4
164	34.1	25.7	38.5

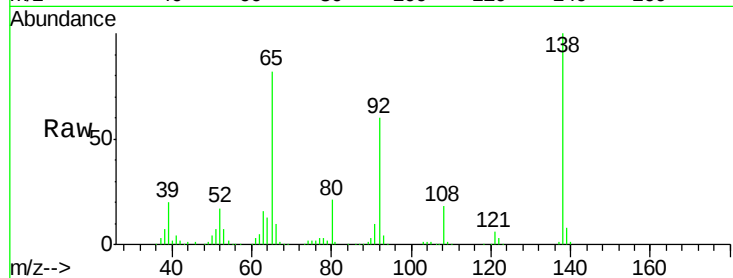




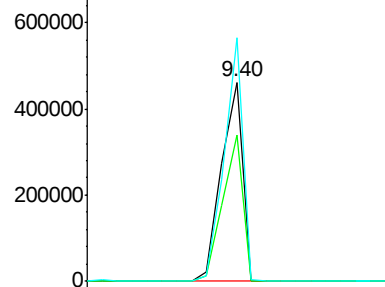
#47
2-Nitroaniline
Concen: 46.06 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

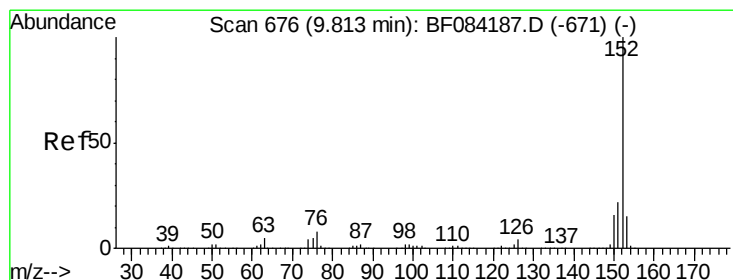
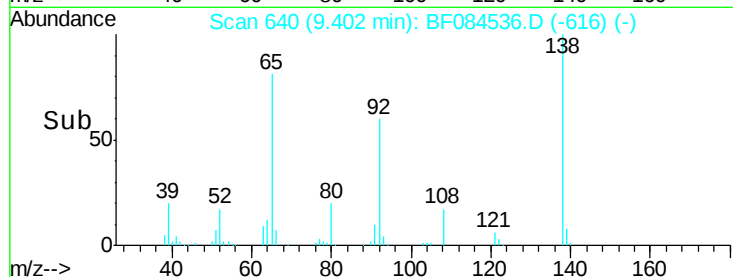
Tot Ion: 65 Resp: 523498
Ion Ratio Lower Upper
65 100
92 73.6 53.4 80.2
138 122.2 71.1 106.7#



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

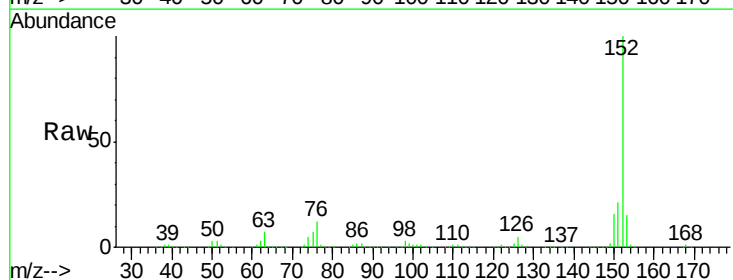


Time--> 9.30 9.35 9.40 9.45 9.50

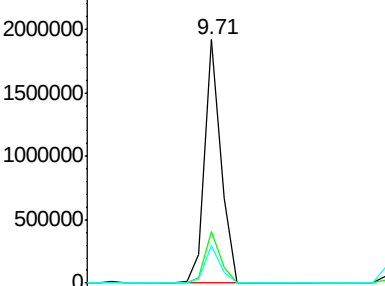


#48
Acenaphthylene
Concen: 38.06 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

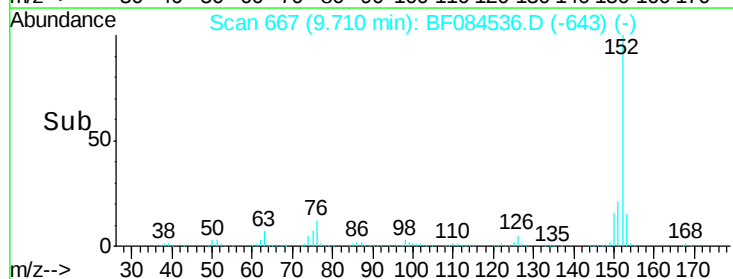
Tgt Ion: 152 Resp: 1936466
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.2 10.4 15.6



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



Time--> 9.60 9.70 9.80





#49

Dimethylphthalate

Concen: 41.86 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

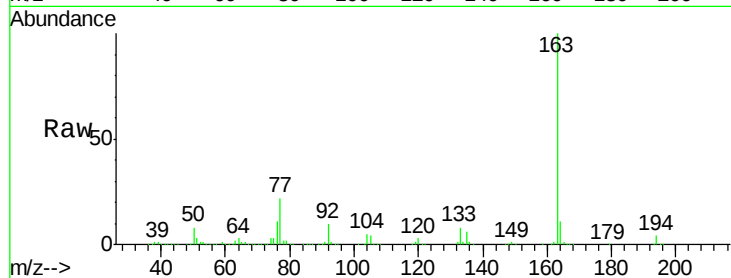
Tot Ion:163 Resp: 1650837

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

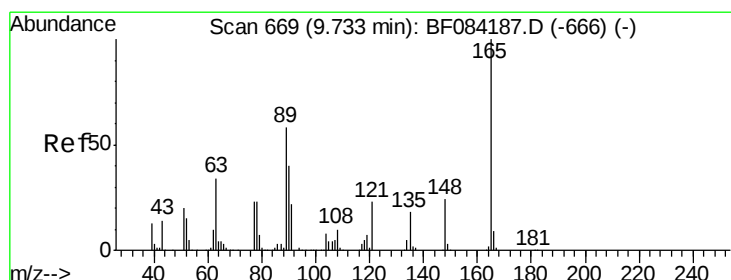
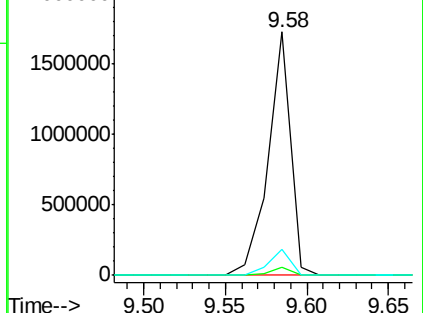
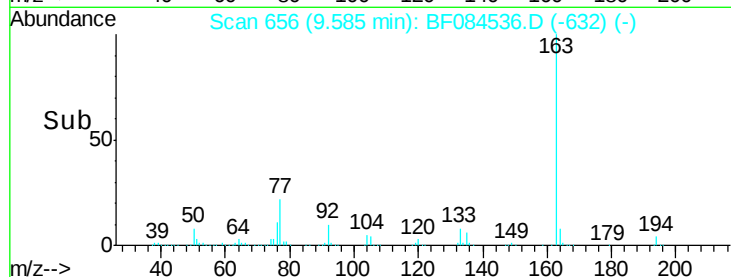
164 10.8 8.0 12.0



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: 39.65 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

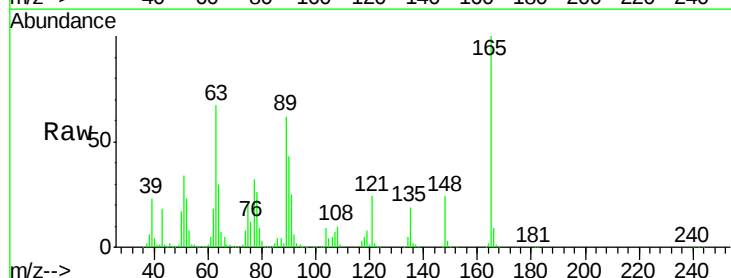
Tgt Ion:165 Resp: 343002

Ion Ratio Lower Upper

165 100

63 66.8 28.8 43.2#

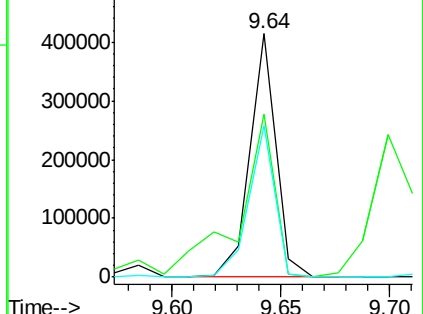
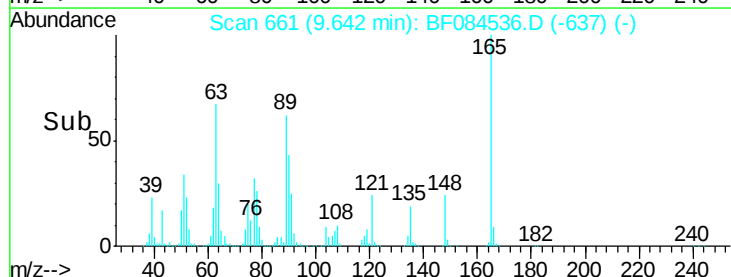
89 62.3 35.1 52.7#

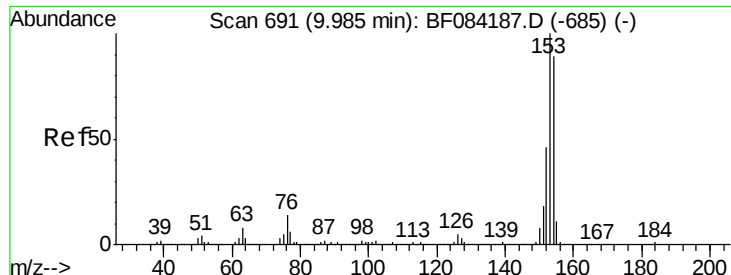


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.16 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

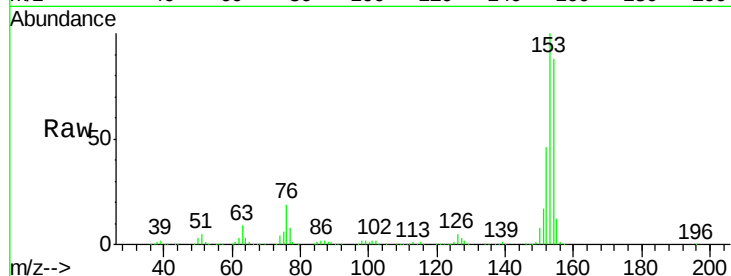
Tot Ion:154 Resp: 1268107

Ion Ratio Lower Upper

154 100

153 113.2 91.5 137.3

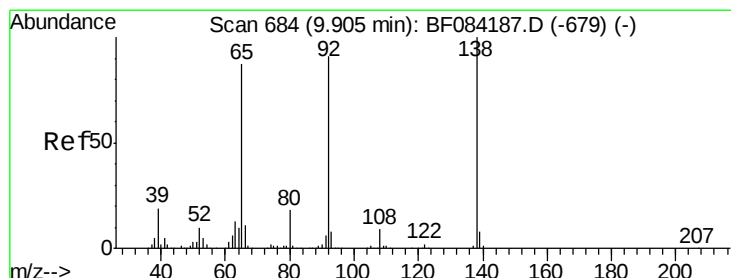
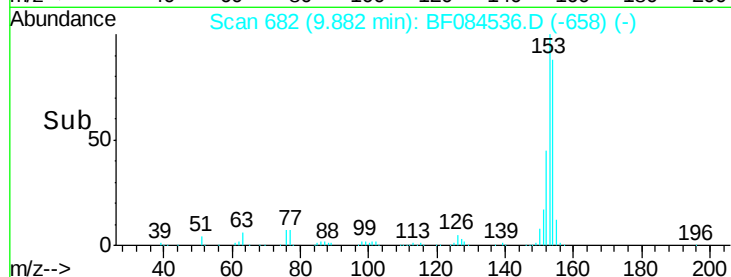
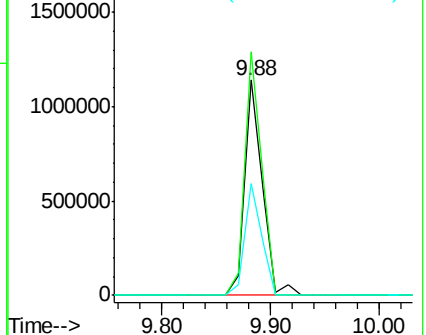
152 51.8 43.0 64.6



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: 42.80 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

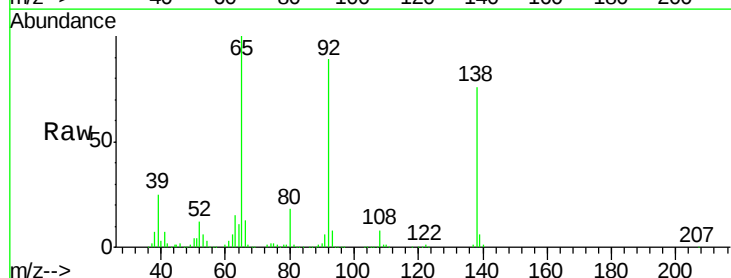
Tgt Ion:138 Resp: 458784

Ion Ratio Lower Upper

138 100

108 10.9 10.5 15.7

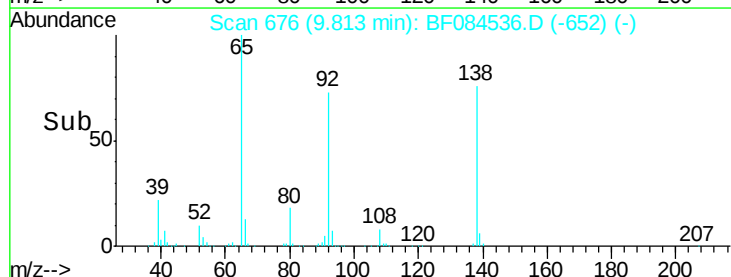
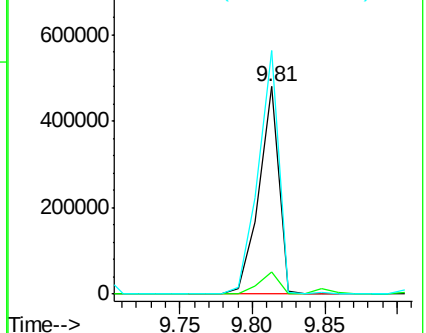
92 117.4 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

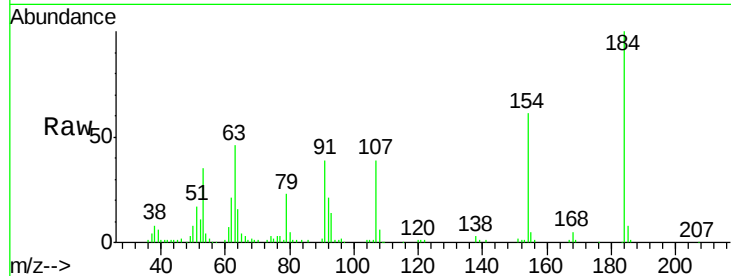




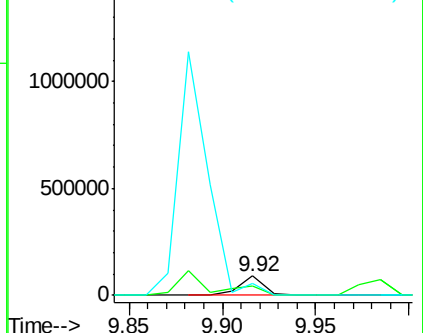
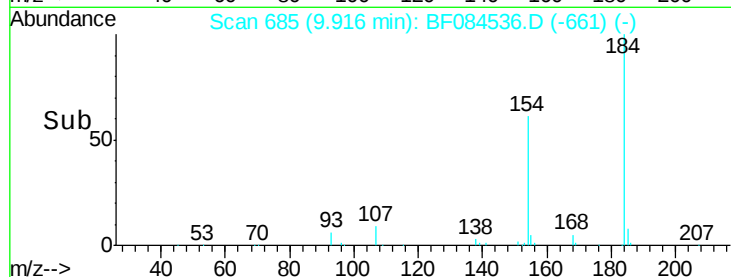
#53
2,4-Dinitrophenol
Concen: 25.19 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 83413
Ion Ratio Lower Upper
184 100
63 45.9 43.1 64.7
154 61.0 60.5 90.7

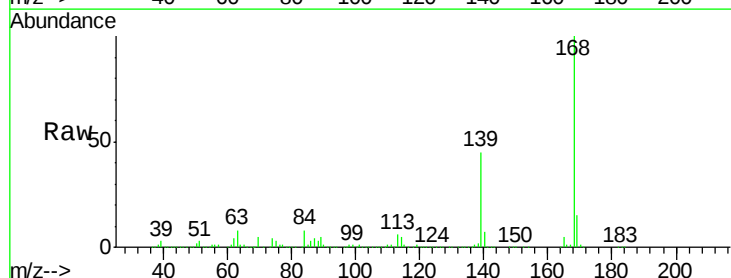


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

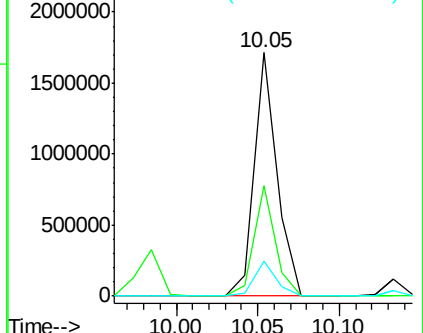
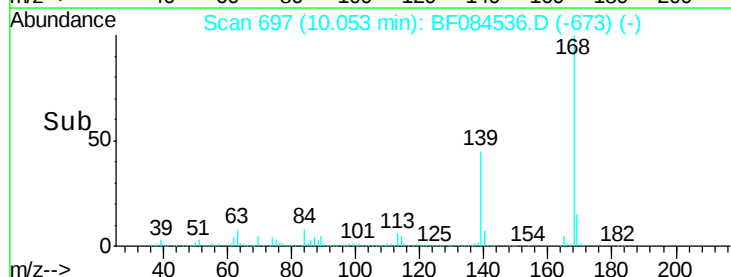


#54
Dibenzofuran
Concen: 37.13 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:168 Resp: 1664335
Ion Ratio Lower Upper
168 100
139 45.2 30.5 45.7
169 14.6 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

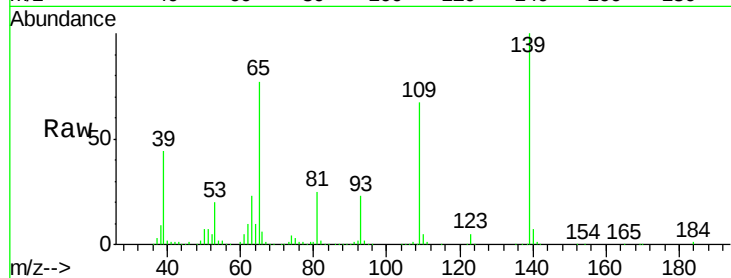




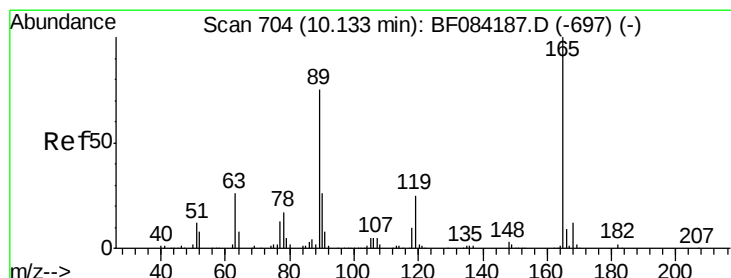
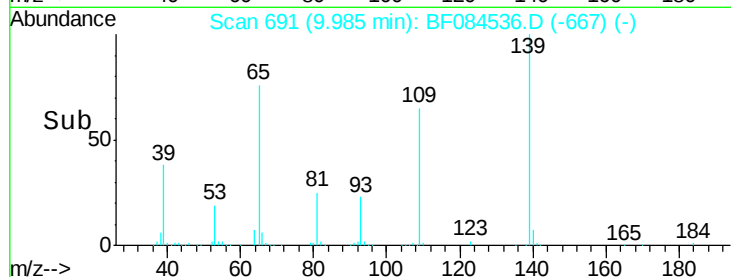
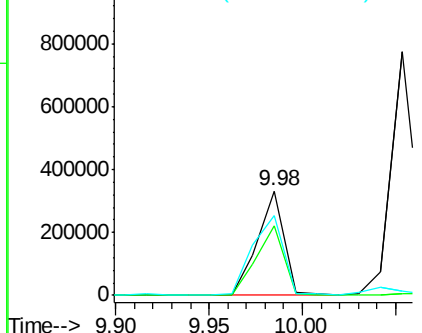
#55
4-Nitrophenol
Concen: 42.16 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 327987
Ion Ratio Lower Upper
139 100
109 66.8 58.5 98.5
65 76.9 57.6 97.6

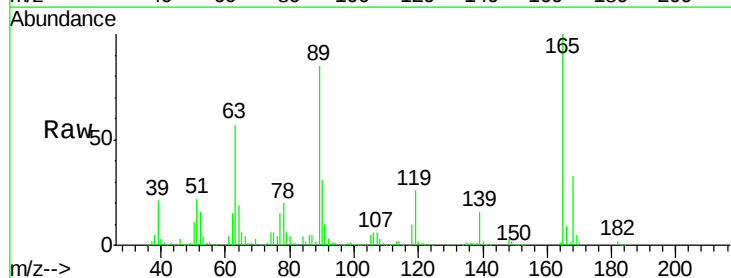


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

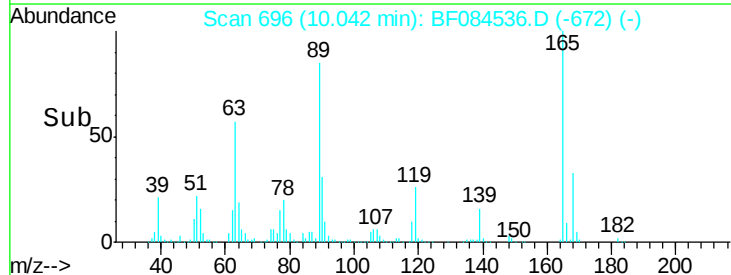
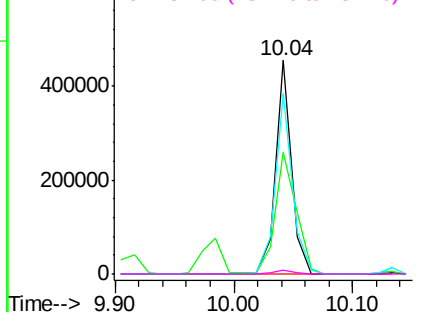


#56
2,4-Dinitrotoluene
Concen: 38.35 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:165 Resp: 419823
Ion Ratio Lower Upper
165 100
63 56.8 36.7 55.1#
89 84.7 61.9 92.9
182 2.1 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: 36.08 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

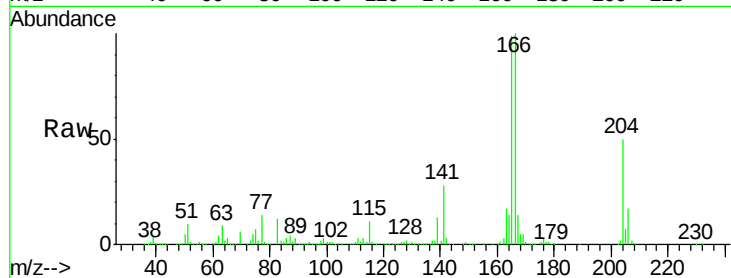
Tot Ion:166 Resp: 1249306

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

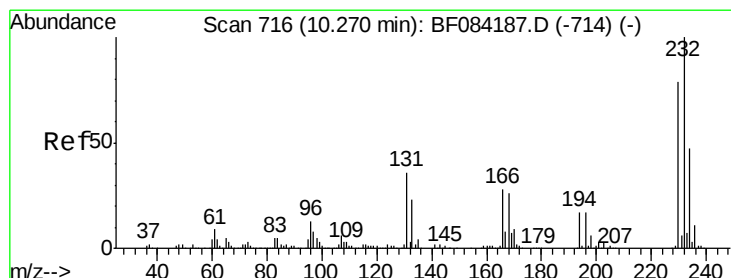
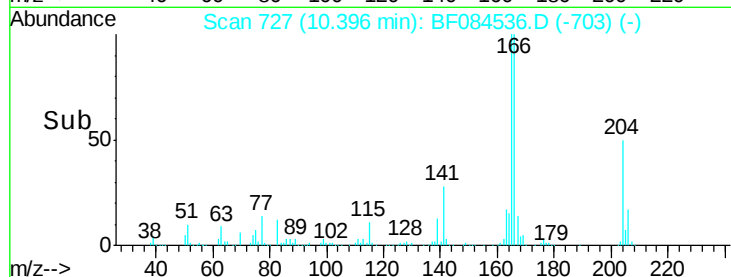
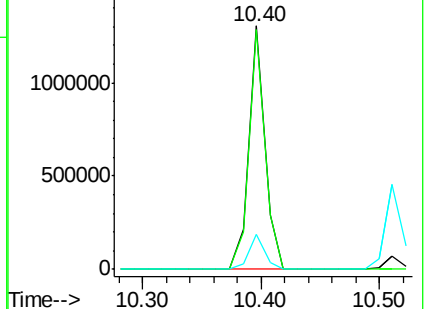
167 14.2 10.4 15.6



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: 39.78 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion:232 Resp: 386325

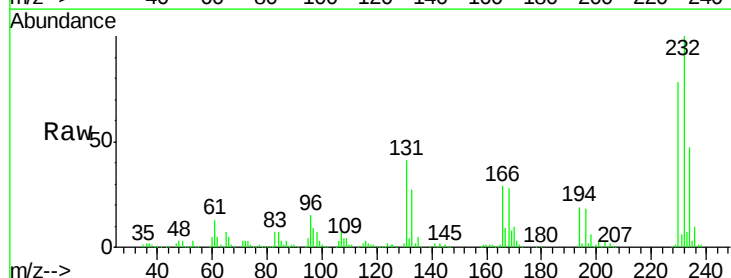
Ion Ratio Lower Upper

232 100

131 49.6 47.0 70.6

130 2.3 2.0 3.0

166 32.3 30.5 45.7

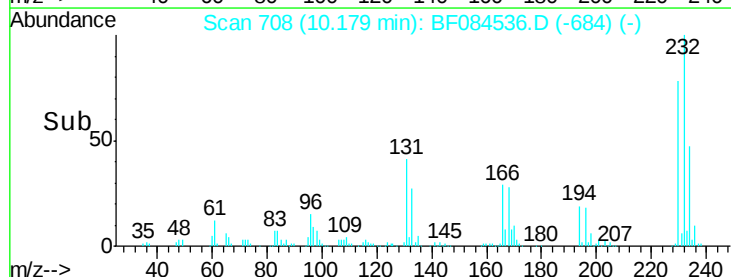
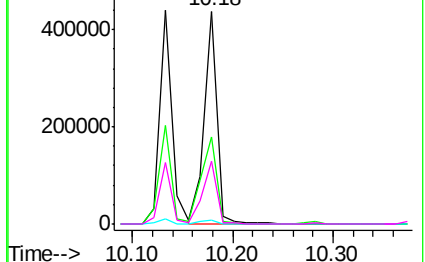


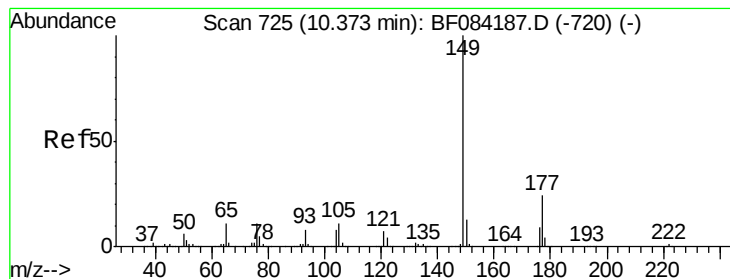
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.61 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

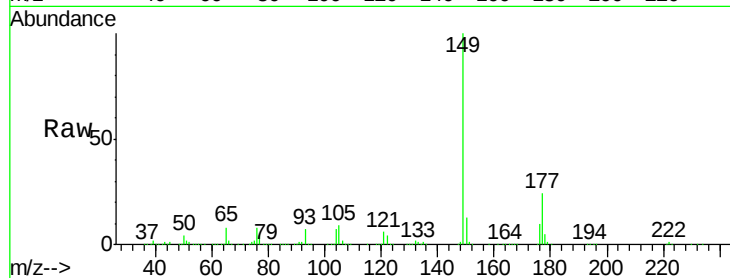
Tot Ion:149 Resp: 1657024

Ion Ratio Lower Upper

149 100

177 24.3 17.3 25.9

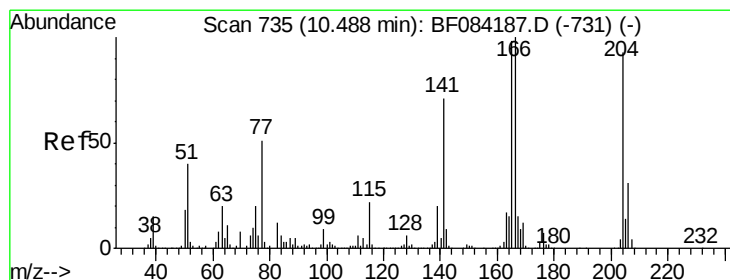
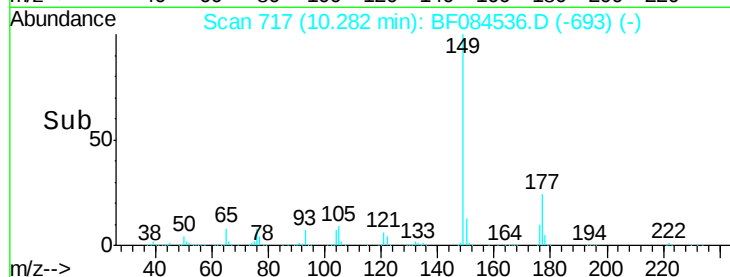
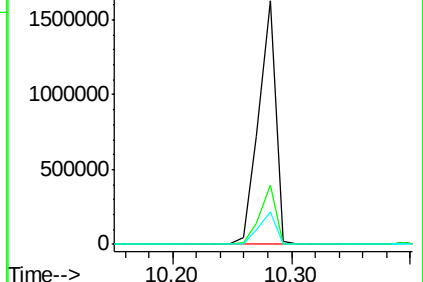
150 13.1 9.8 14.8



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: 45.95 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

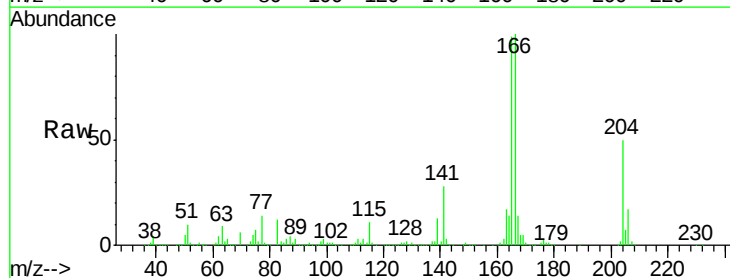
Tgt Ion:204 Resp: 660236

Ion Ratio Lower Upper

204 100

206 33.7 25.7 38.5

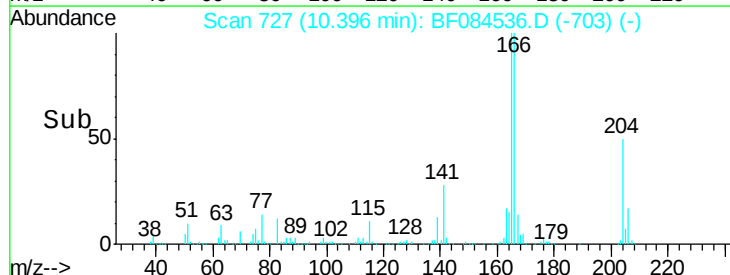
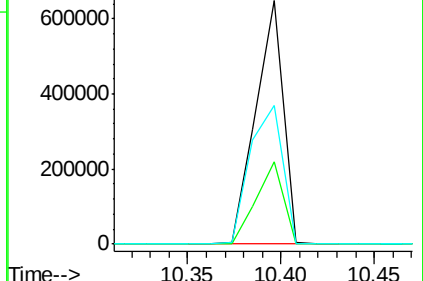
141 56.8 55.1 82.7

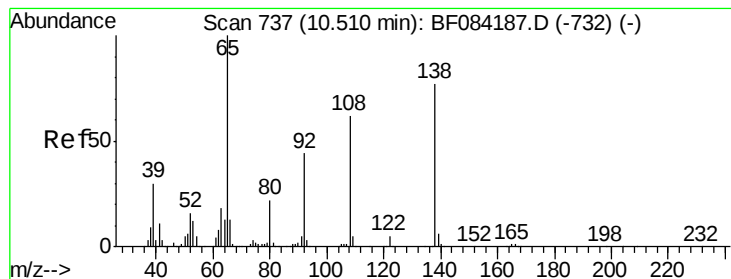


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.00 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

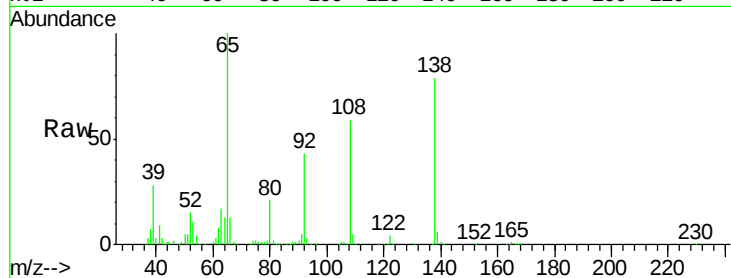
Tot Ion:138 Resp: 429906

Ion Ratio Lower Upper

138 100

92 54.7 32.6 72.6

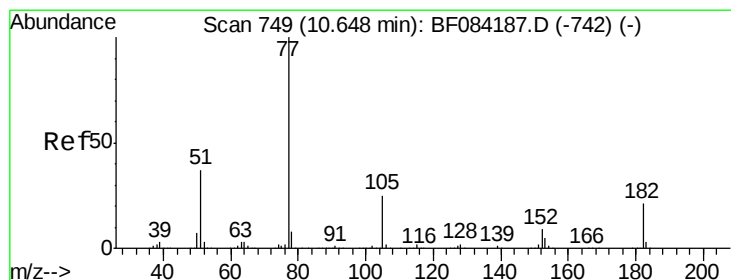
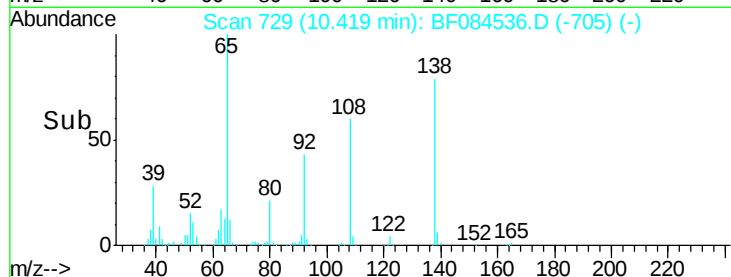
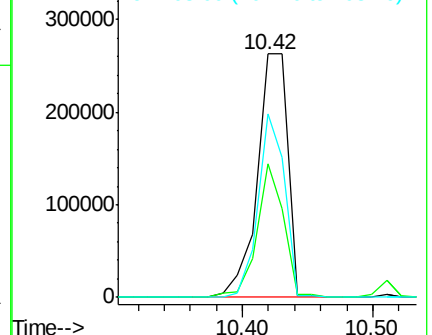
108 75.5 68.6 108.6



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: 39.67 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion: 77 Resp: 1691775

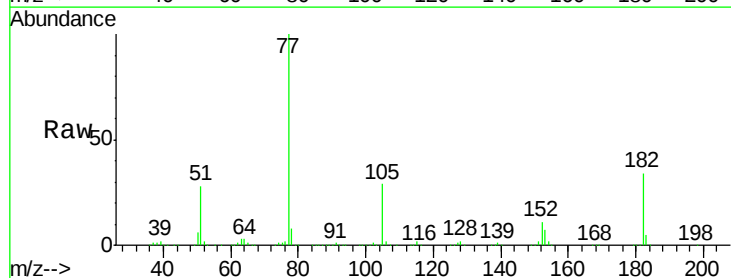
Ion Ratio Lower Upper

77 100

182 33.7 8.3 48.3

105 28.5 4.6 44.6

51 28.1 6.2 46.2

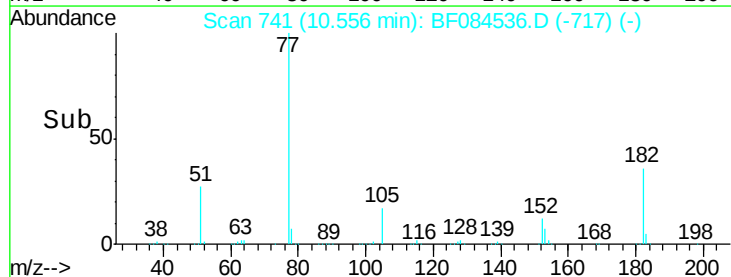
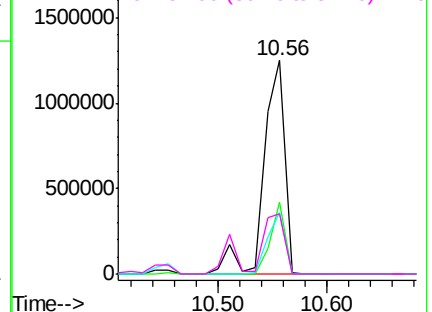


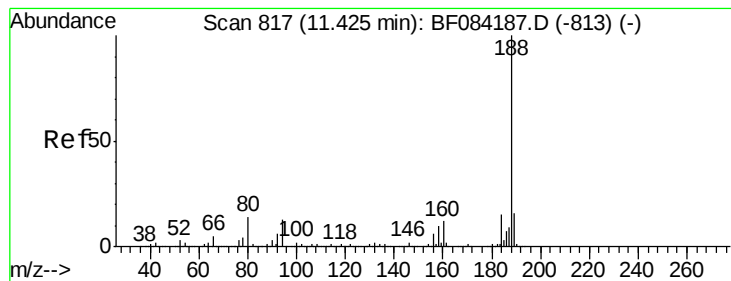
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

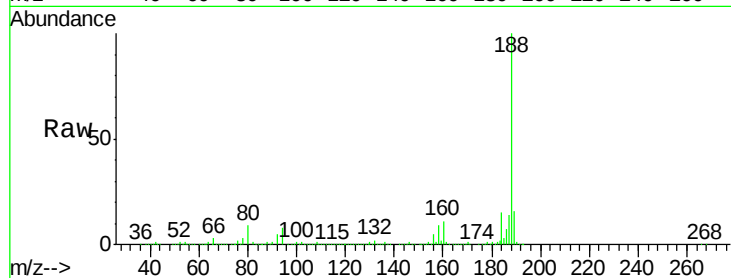
Tot Ion:188 Resp: 970484

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

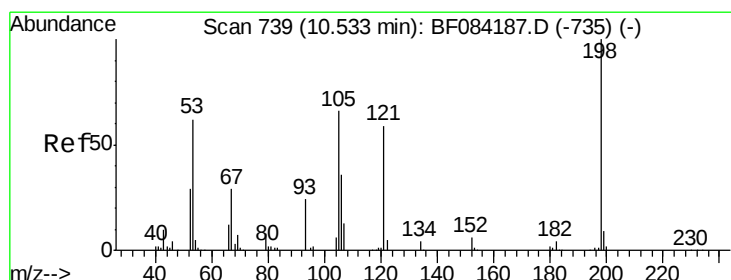
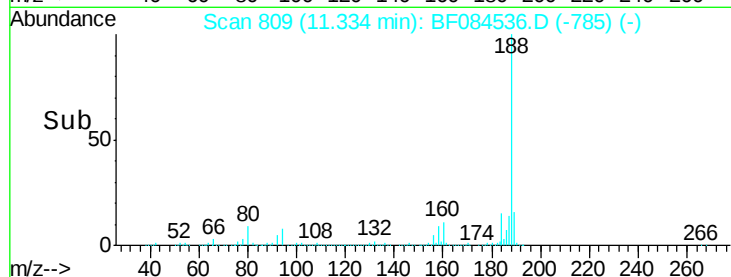
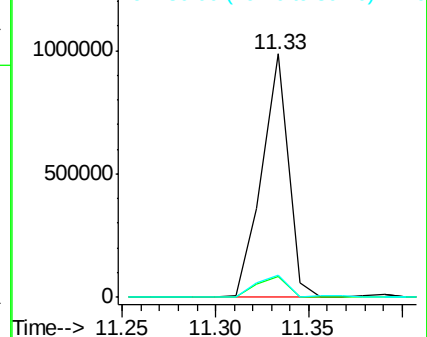
80 9.0 9.6 14.4#



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: 27.17 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

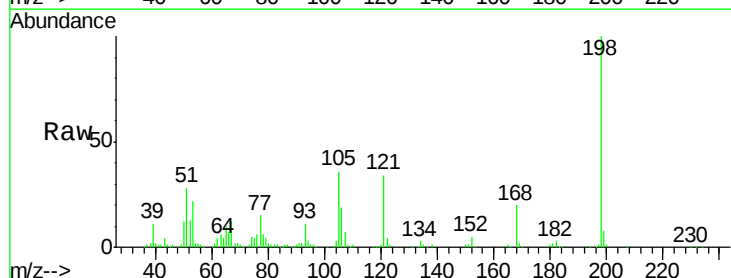
Tgt Ion:198 Resp: 155767

Ion Ratio Lower Upper

198 100

51 28.1 18.9 58.9

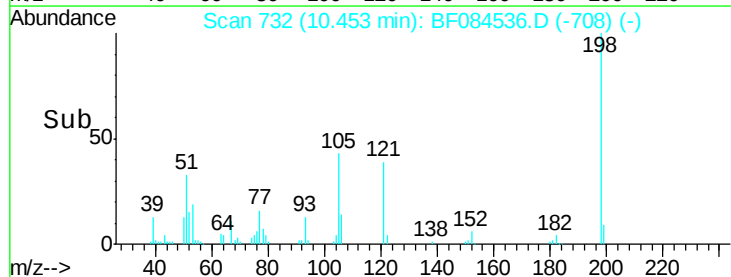
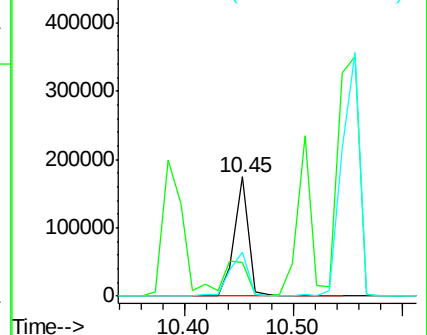
105 36.4 26.4 66.4

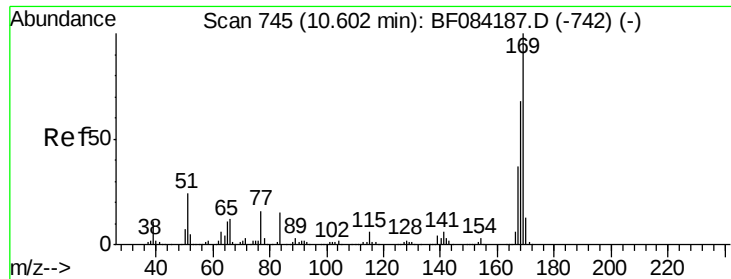


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.91 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

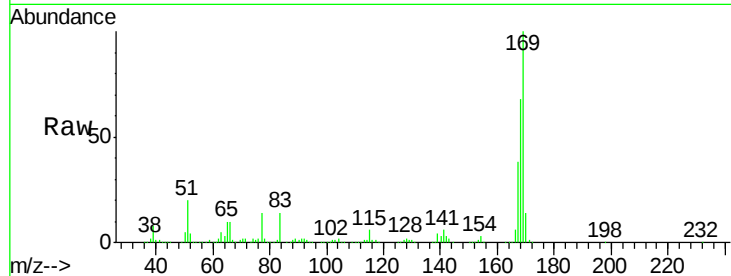
Tot Ion:169 Resp: 1176152

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

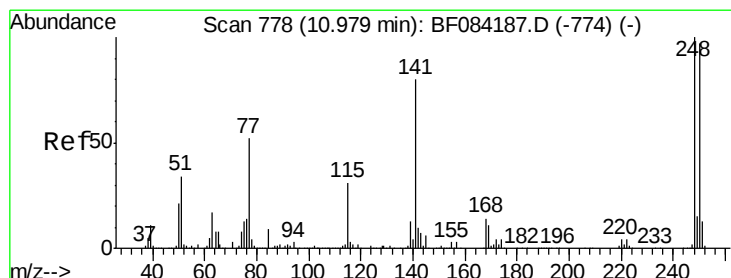
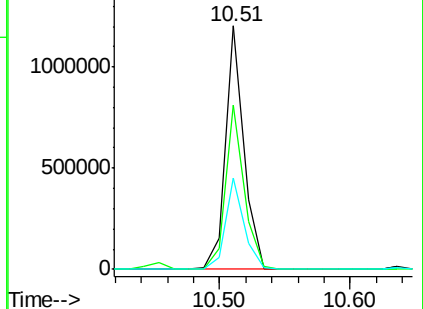
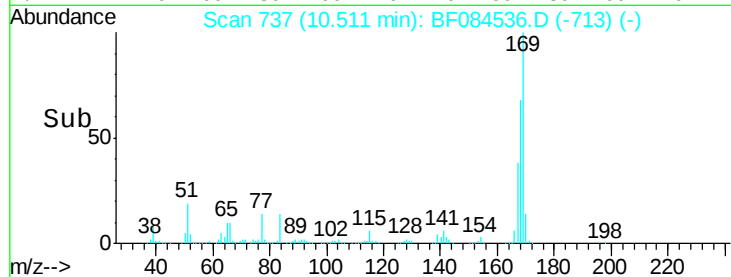
167 37.6 30.0 45.0



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: 40.12 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

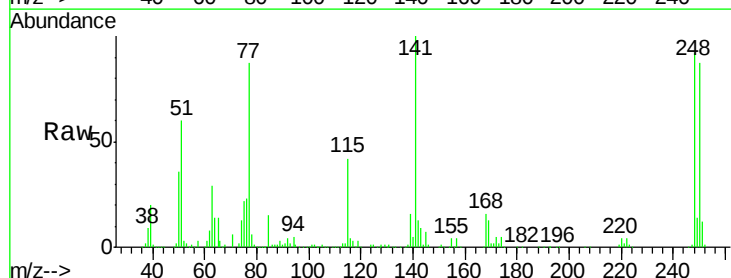
Tgt Ion:248 Resp: 419060

Ion Ratio Lower Upper

248 100

250 94.2 78.4 117.6

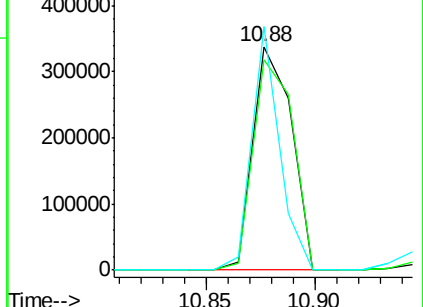
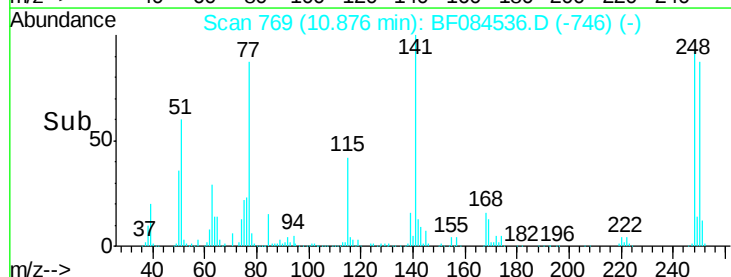
141 108.9 44.0 66.0#

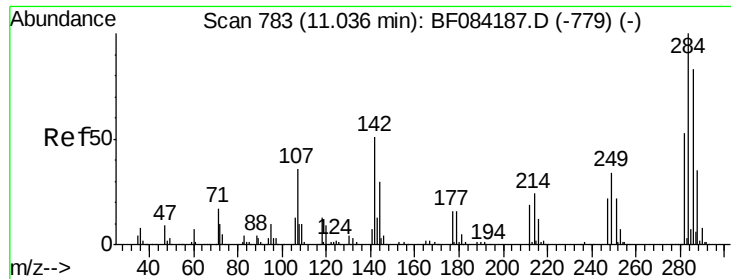


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

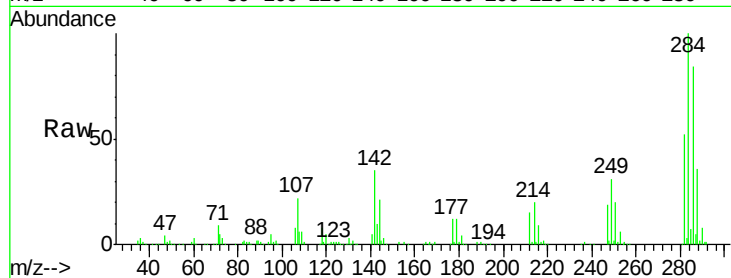




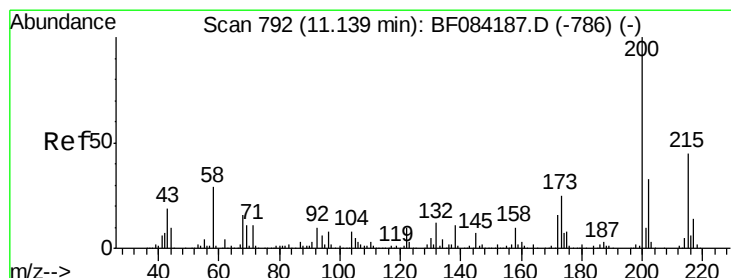
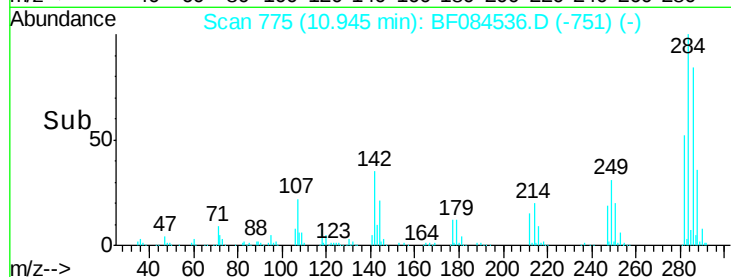
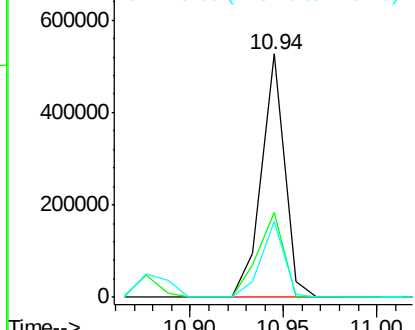
#67
Hexachlorobenzene
Concen: 38.36 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 450986
Ion Ratio Lower Upper
284 100
142 34.8 22.2 33.4#
249 31.4 24.6 37.0

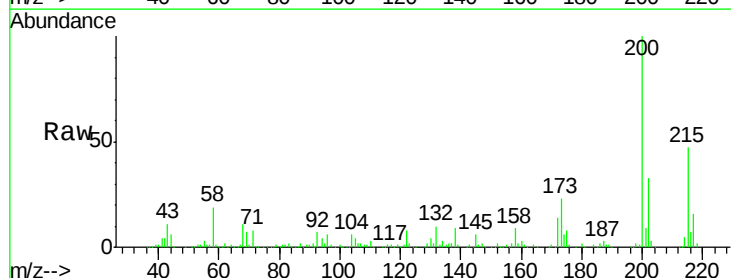


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

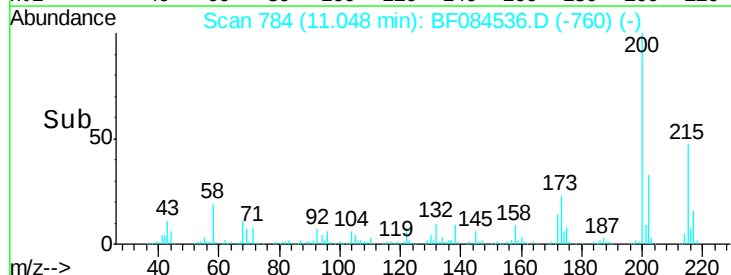
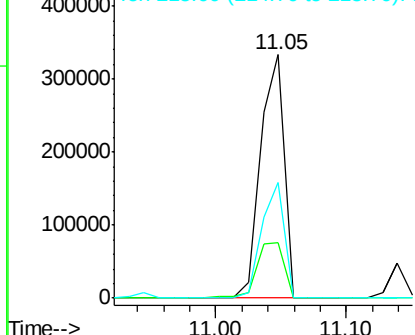


#68
Atrazine
Concen: 41.37 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:200 Resp: 420057
Ion Ratio Lower Upper
200 100
173 22.8 9.5 49.5
215 47.3 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

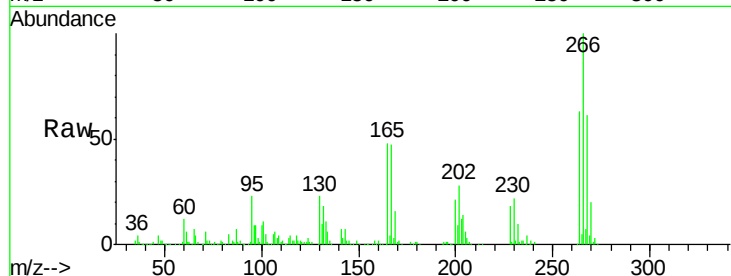




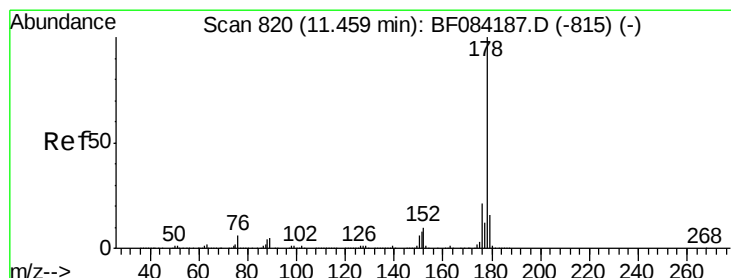
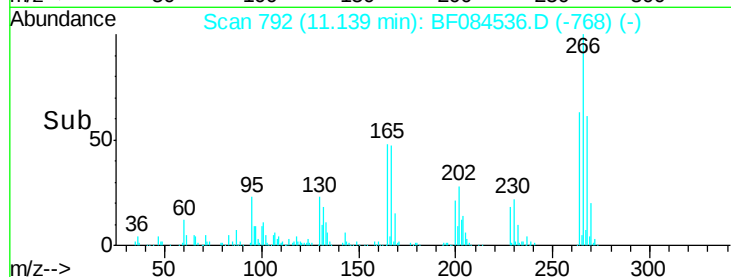
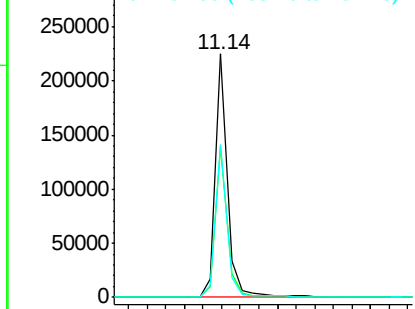
#69
 Pentachlorophenol
 Concen: 33.12 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 201903
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.4 78.6
 264 62.8 50.2 75.2

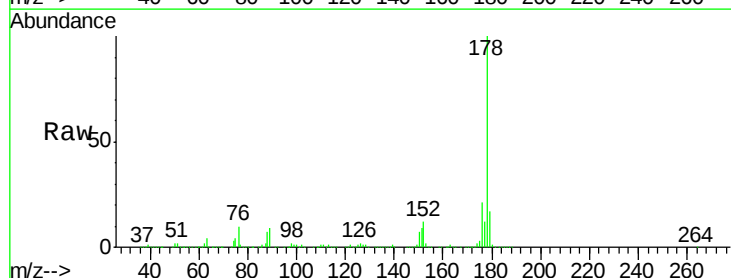


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

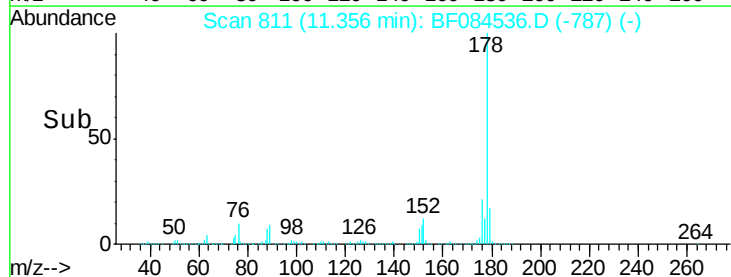
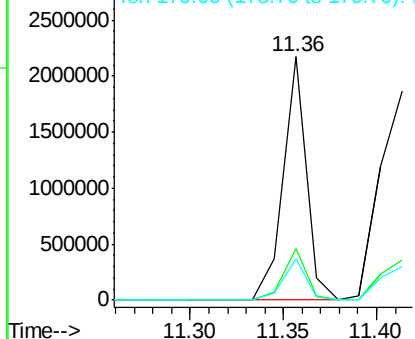


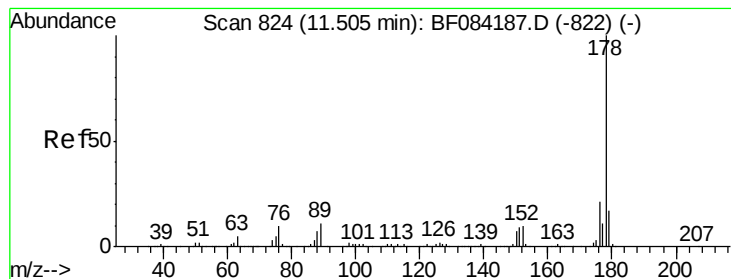
#70
 Phenanthrene
 Concen: 37.21 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion:178 Resp: 1888691
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.3 22.9
 179 16.8 12.0 18.0



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





#71

Anthracene

Concen: 43.05 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

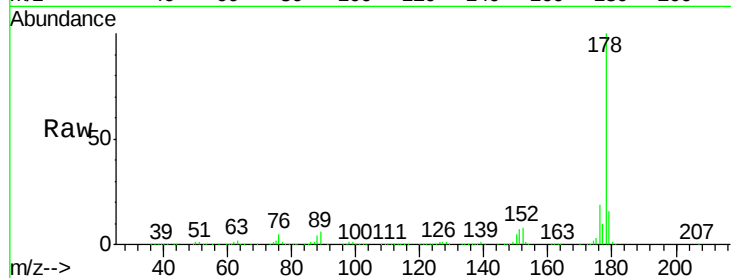
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 2142231

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.1	12.5	18.7

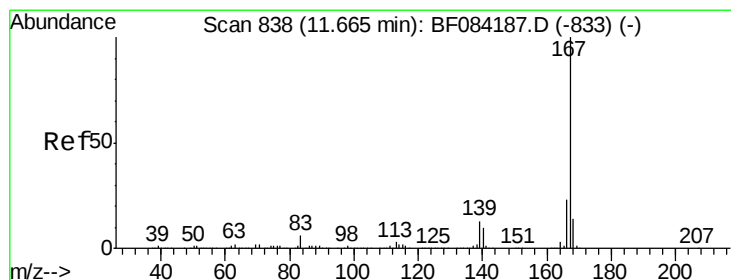
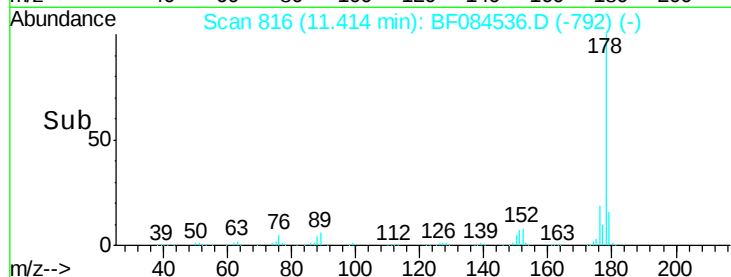
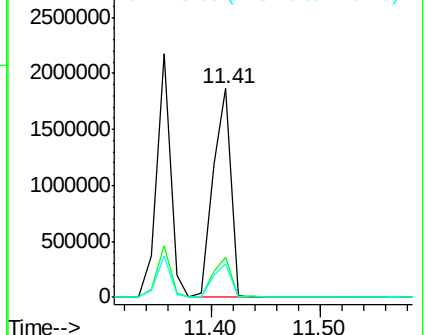


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.38 ng

RT: 11.56 min Scan# 829

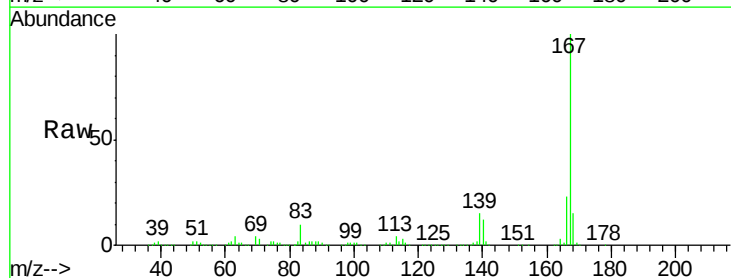
Delta R.T. -0.03 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion:167 Resp: 1672474

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	15.2	11.8	17.8

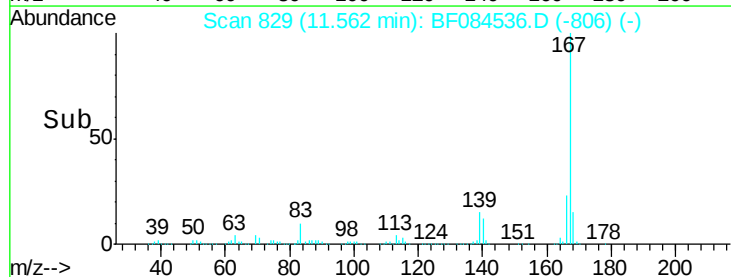
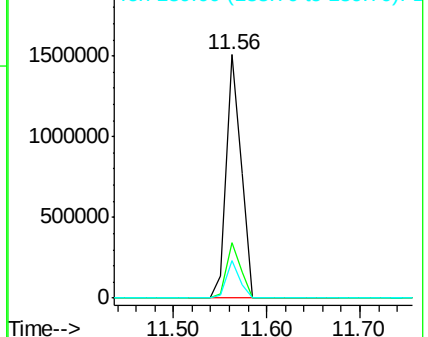


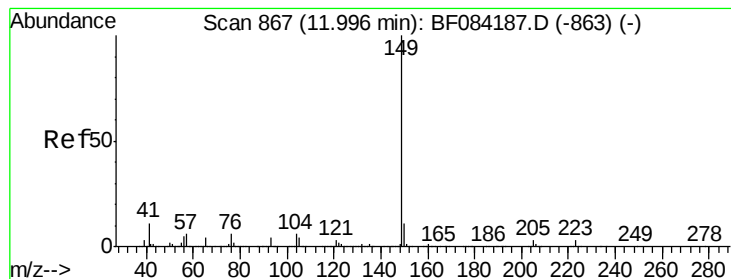
Abundance

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





#73

Di-n-butylphthalate

Concen: 46.17 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

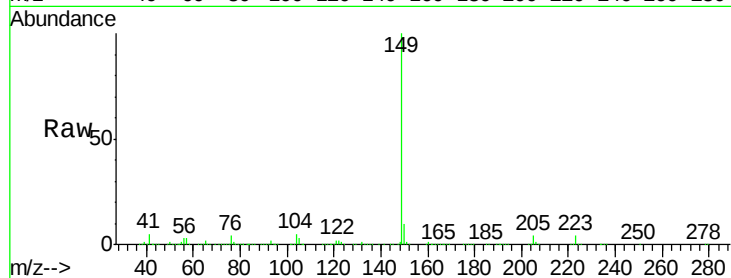
Tot Ion:149 Resp: 2371376

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

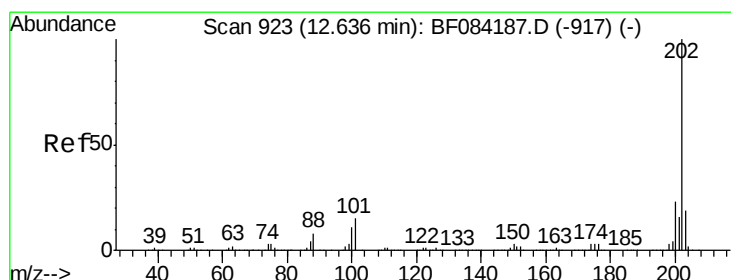
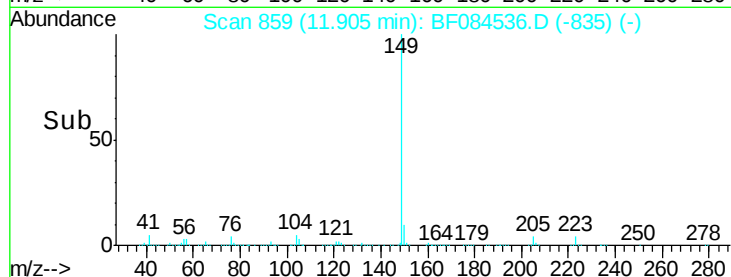
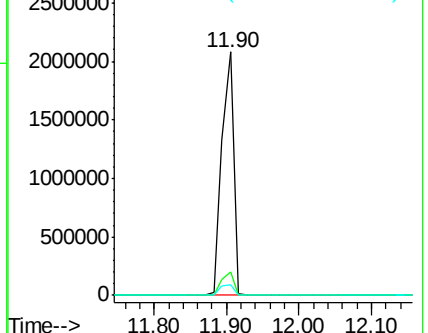
104 4.5 3.2 4.8



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



#74

Fluoranthene

Concen: 36.84 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

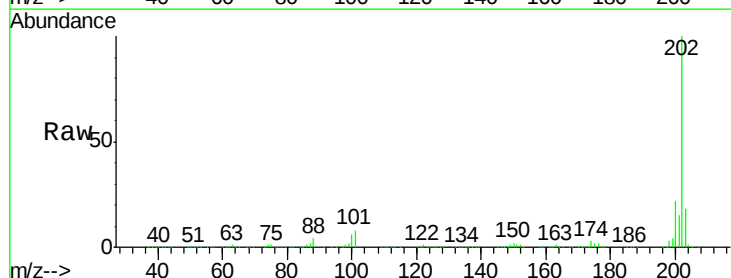
Tgt Ion:202 Resp: 1953418

Ion Ratio Lower Upper

202 100

101 8.5 0.0 32.8

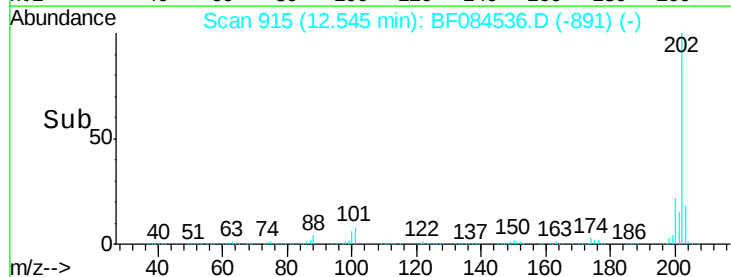
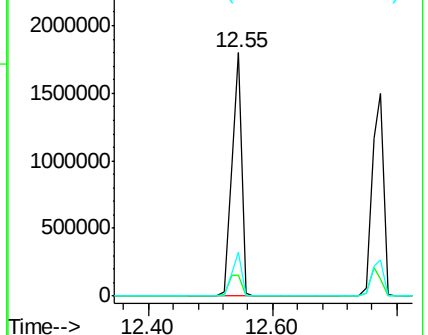
203 18.2 0.0 37.9

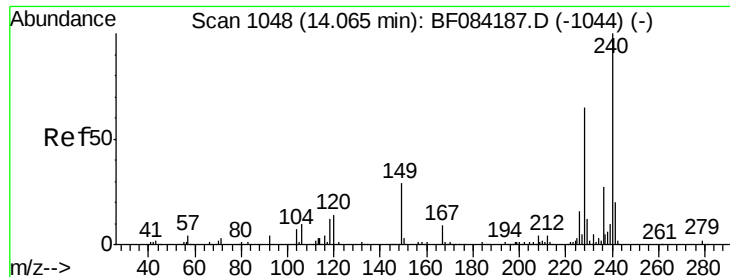


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

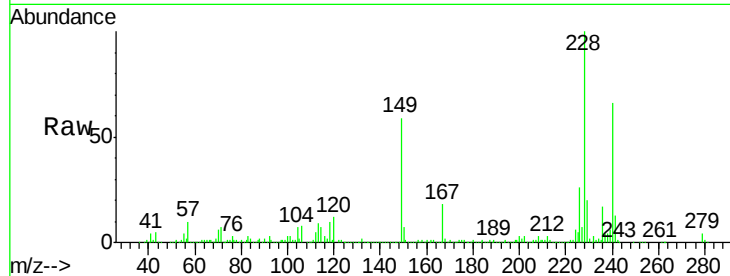
Tot Ion:240 Resp: 558678

Ion Ratio Lower Upper

240 100

120 17.9 9.5 14.3#

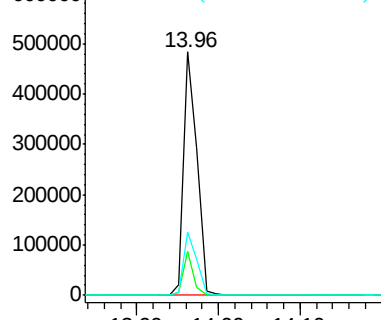
236 26.1 20.6 31.0



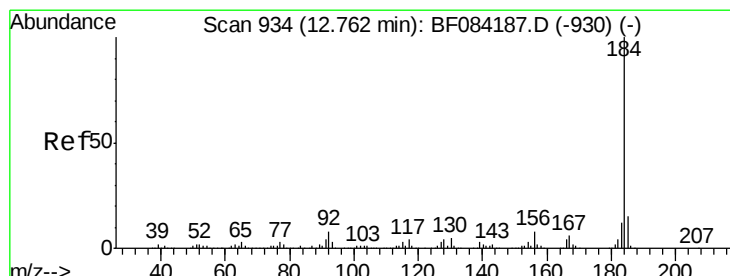
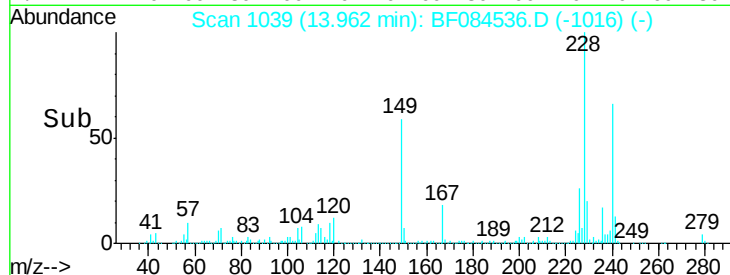
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 37.76 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

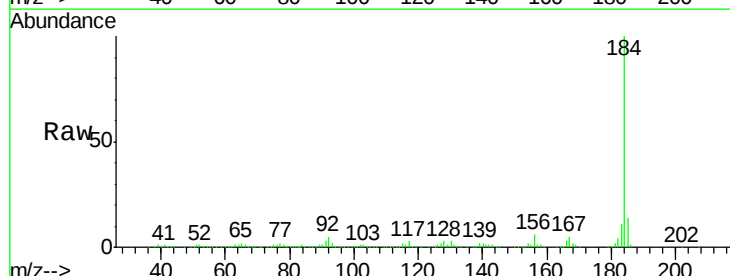
Tgt Ion:184 Resp: 756422

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

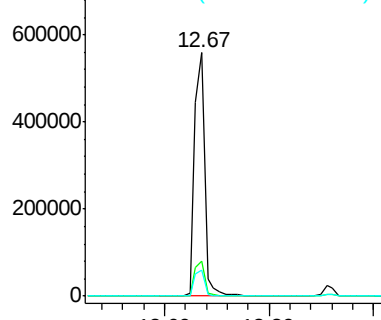
183 10.9 9.8 14.8



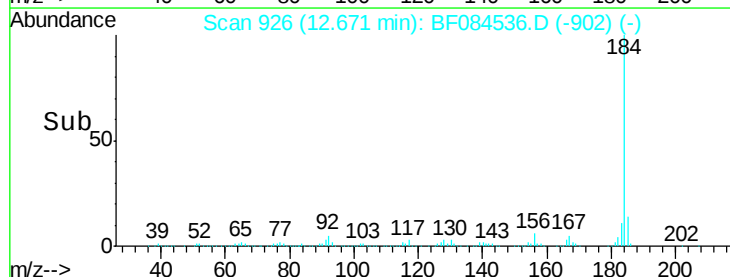
Abundance Ion 184.00 (183.70 to 184.70): E

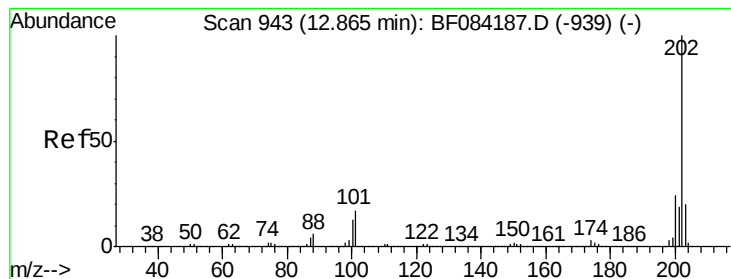
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.80





#77

Pvrene

Concen: 42.95 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

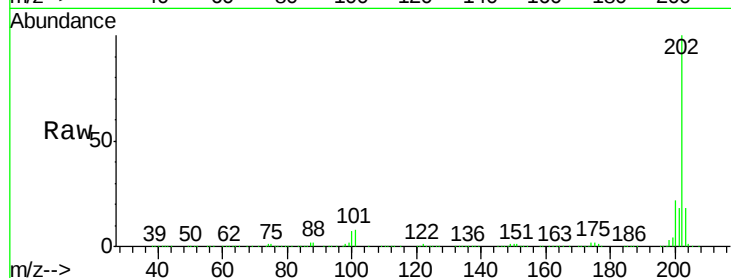
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1882894

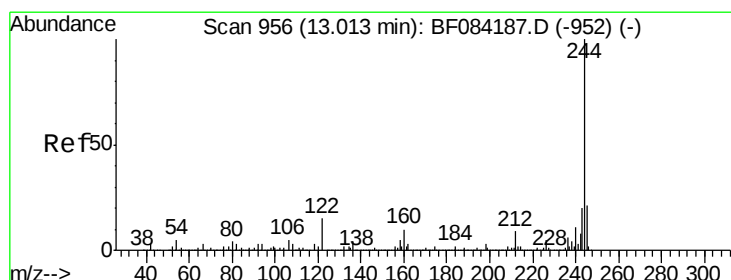
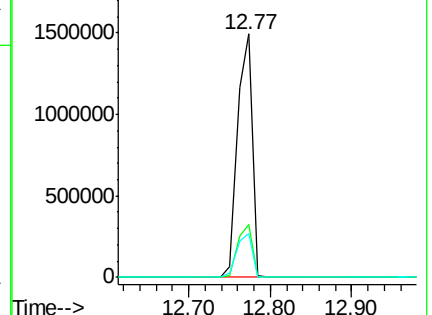
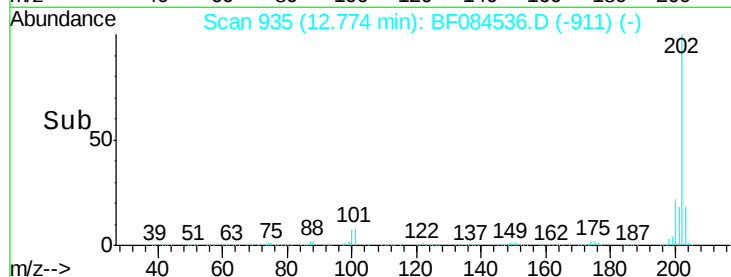
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.1	14.3	21.5



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: 87.71 ng

RT: 12.92 min Scan# 948

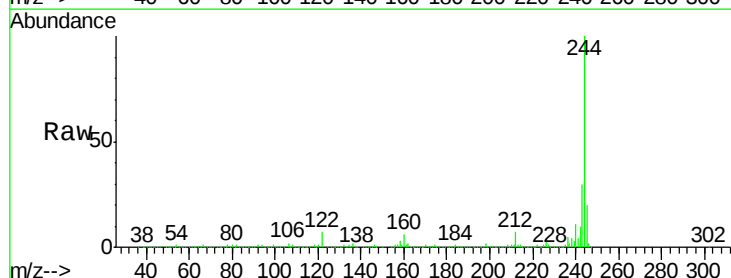
Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Tgt Ion:244 Resp: 2195291

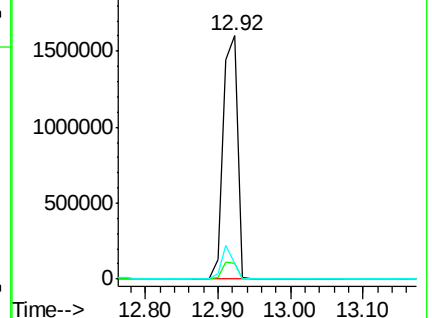
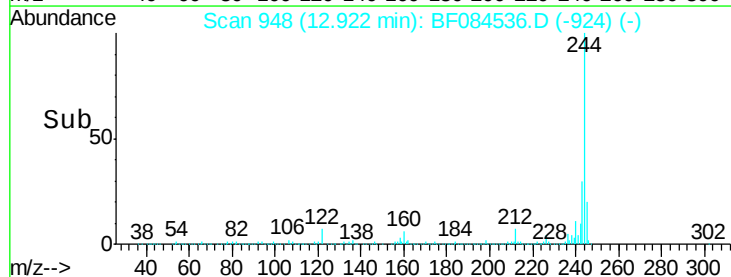
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	6.5	7.4	11.0

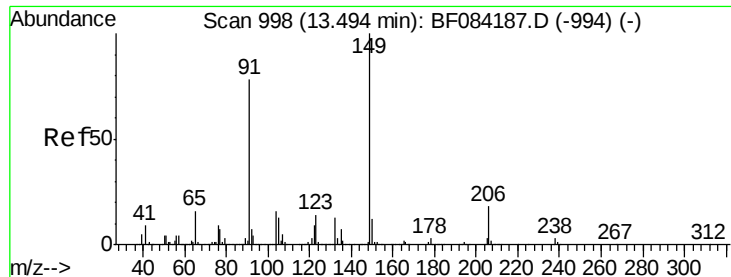


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

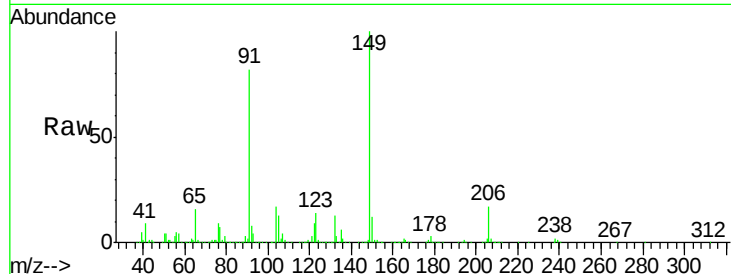




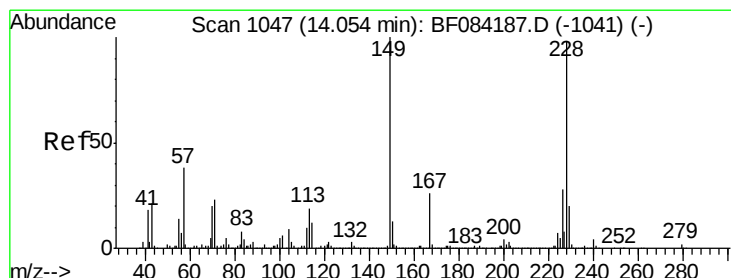
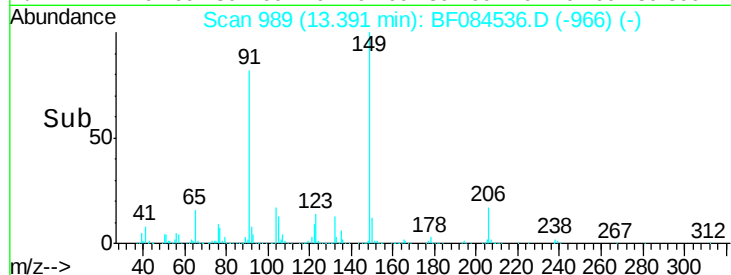
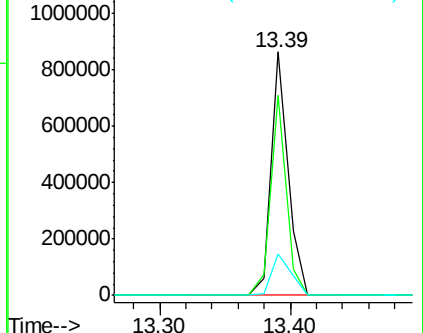
#79
Butylbenzylphthalate
Concen: 41.80 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.03 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.3	57.6	86.4
206	16.9	13.2	19.8

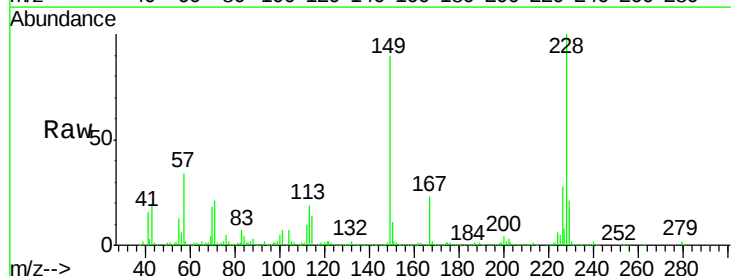


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

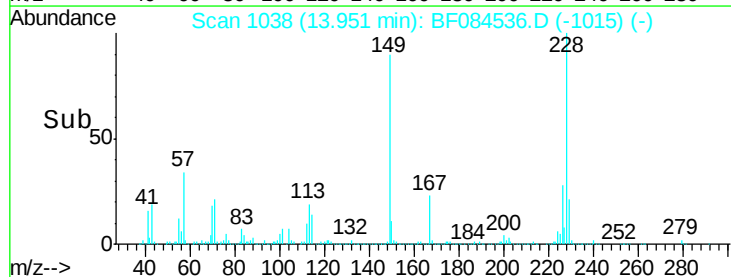
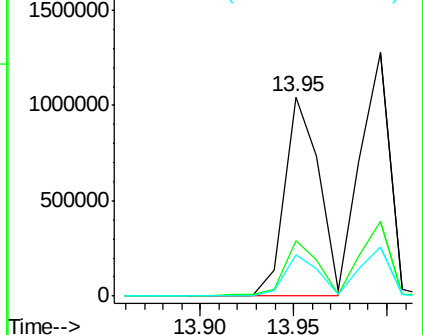


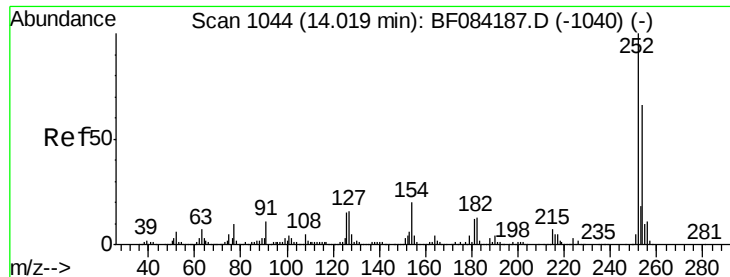
#80
Benzo(a)anthracene
Concen: 40.71 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.6	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: 49.22 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

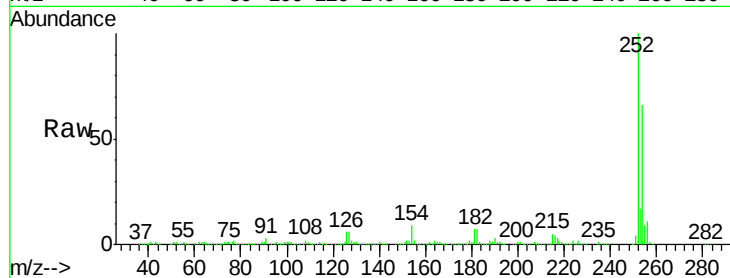
Tot Ion:252 Resp: 563543

Ion Ratio Lower Upper

252 100

254 65.5 53.5 80.3

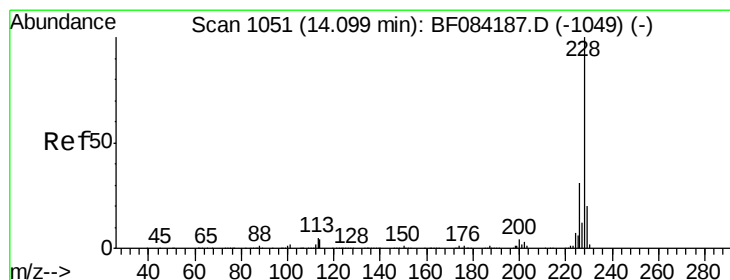
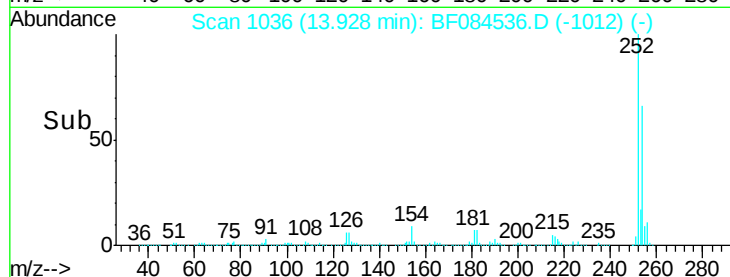
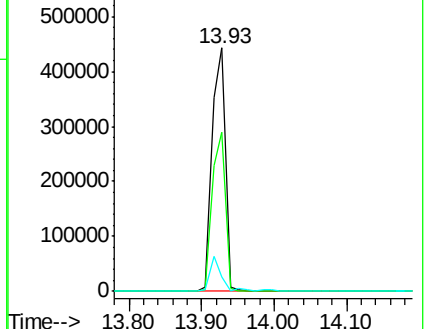
126 6.2 4.9 7.3



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: 44.46 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

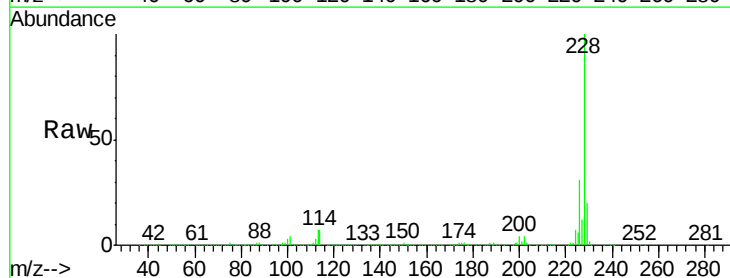
Tgt Ion:228 Resp: 1401566

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

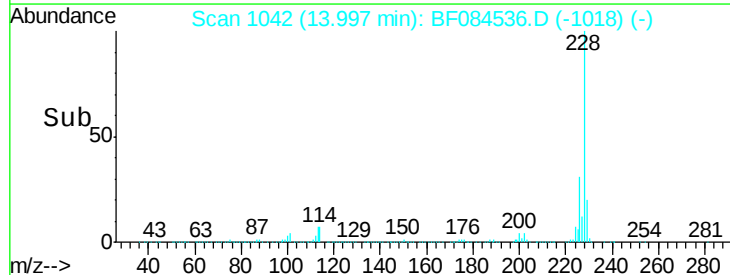
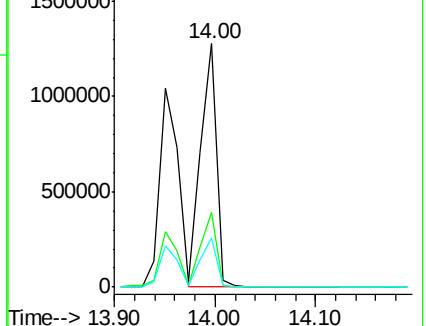
229 20.1 16.1 24.1

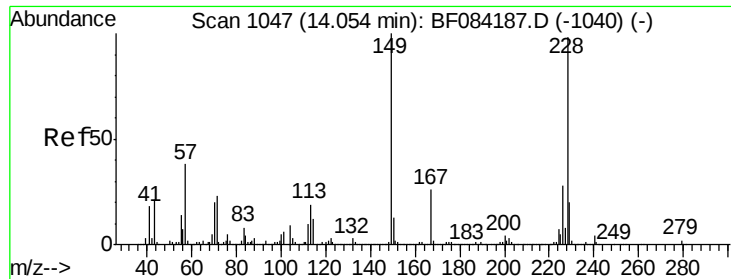


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.16 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

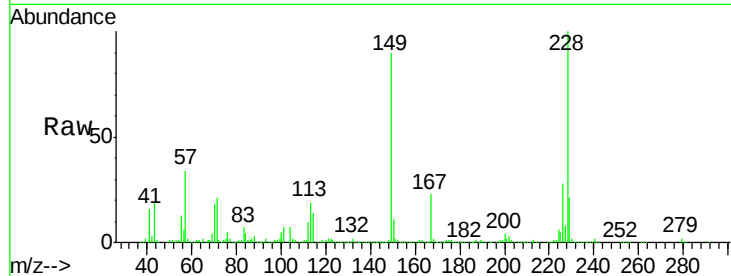
Tot Ion:149 Resp: 986474

Ion Ratio Lower Upper

149 100

167 25.5 19.7 29.5

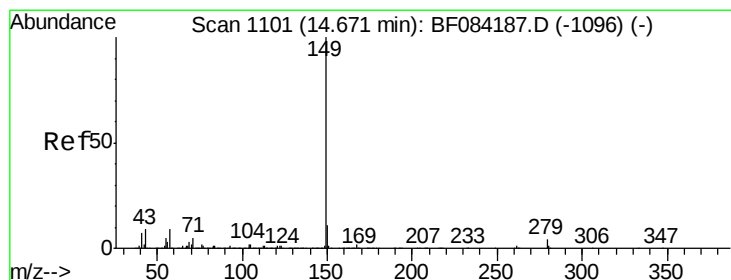
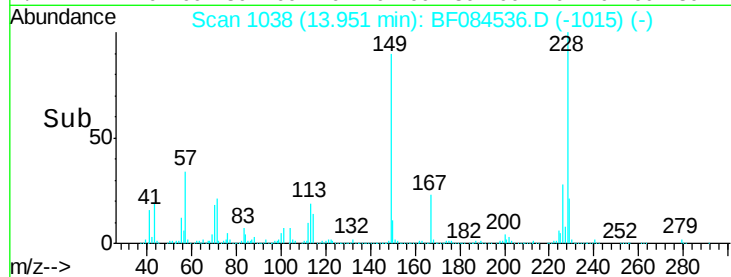
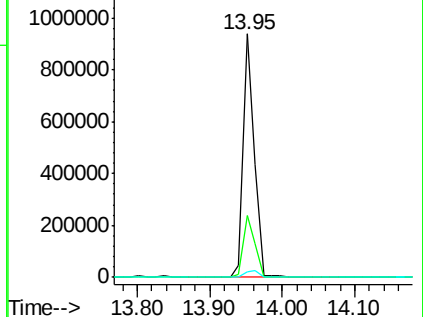
279 2.2 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.40 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

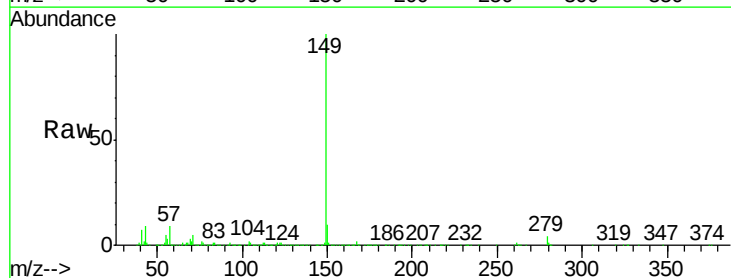
Tgt Ion:149 Resp: 1836889

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

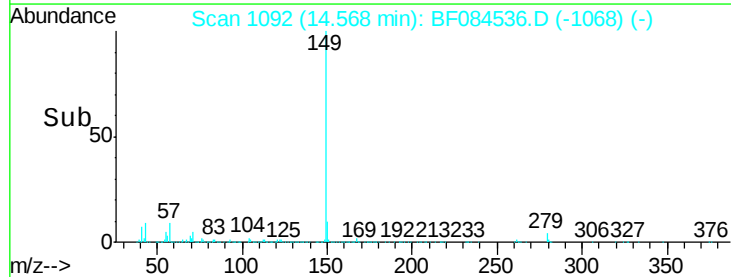
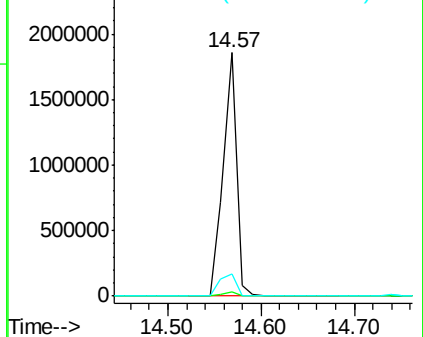
43 11.5 5.6 8.4#

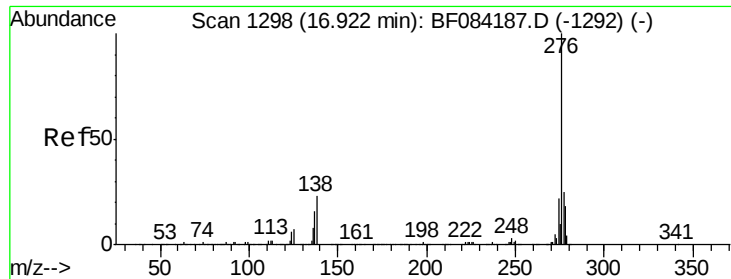


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

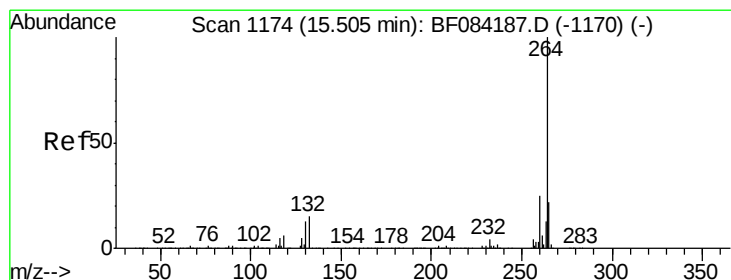
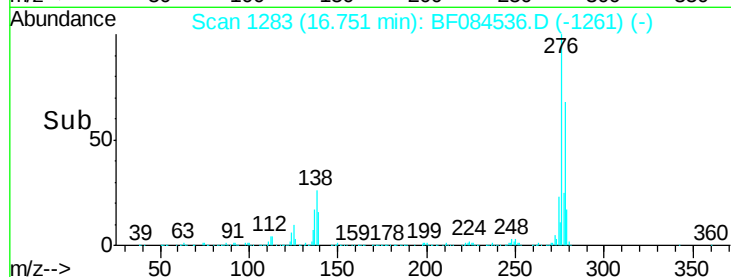
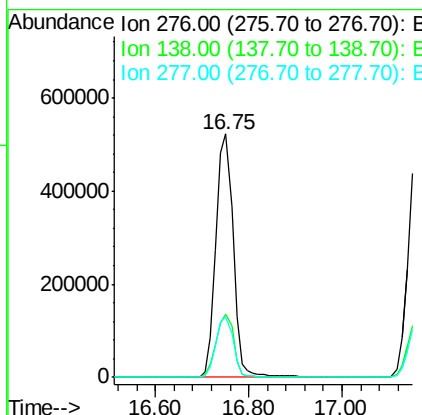
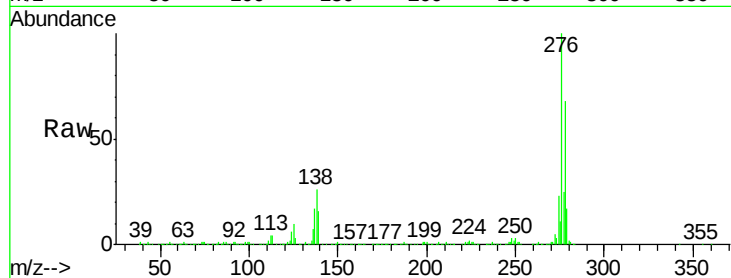




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.03 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.05 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

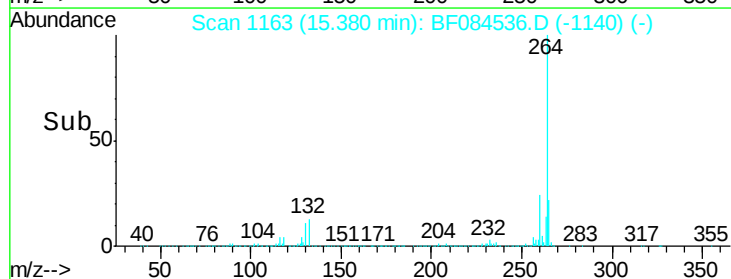
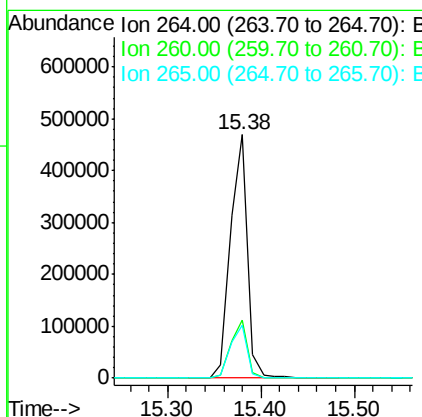
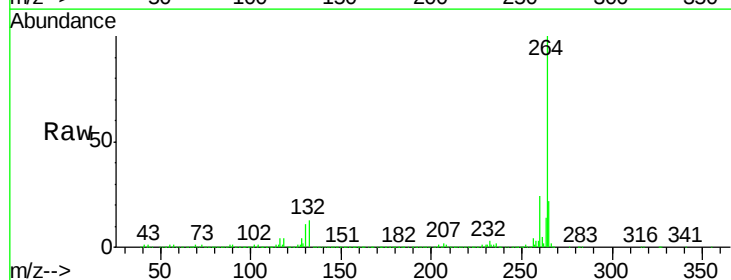
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

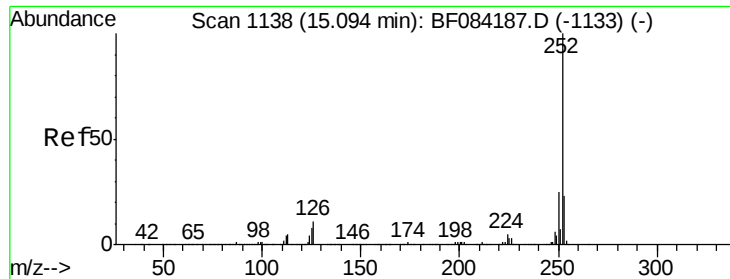
Tot Ion:276 Resp: 1350166
 Ion Ratio Lower Upper
 276 100
 138 26.6 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Tgt Ion:264 Resp: 598557
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.6 17.8 26.6

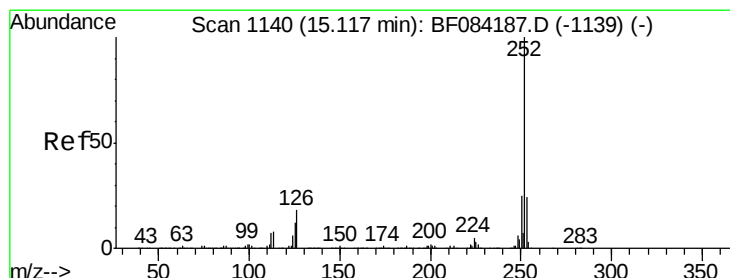
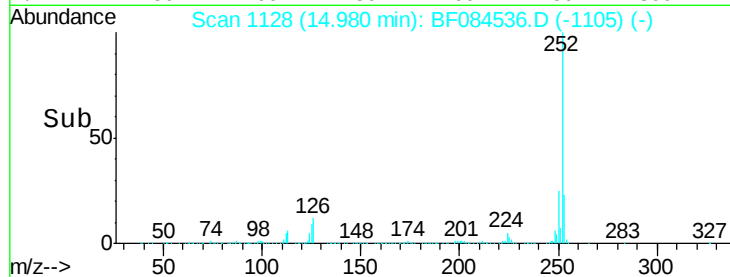
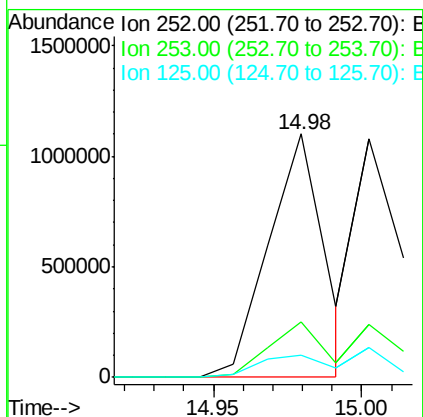
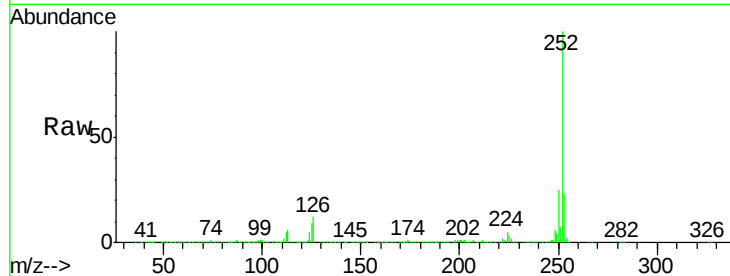




#87
Benzo(b)fluoranthene
Concen: 36.37 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

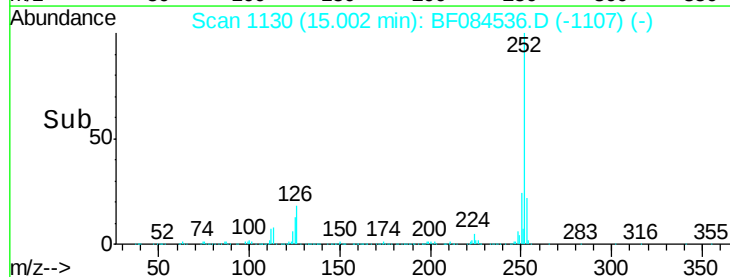
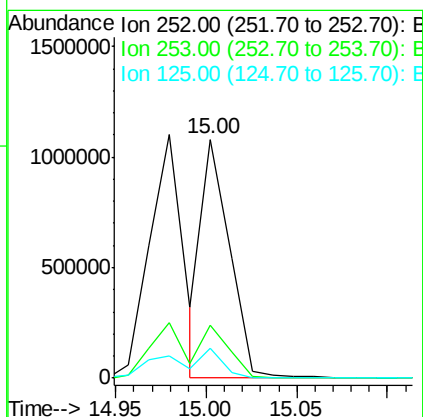
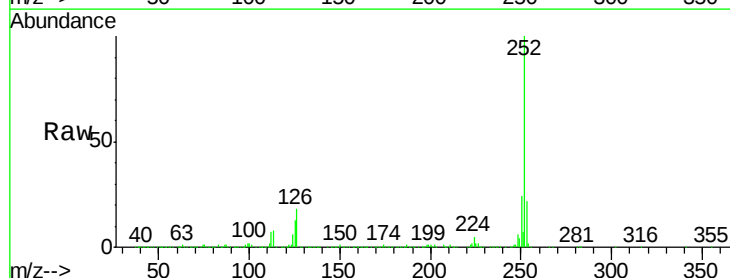
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

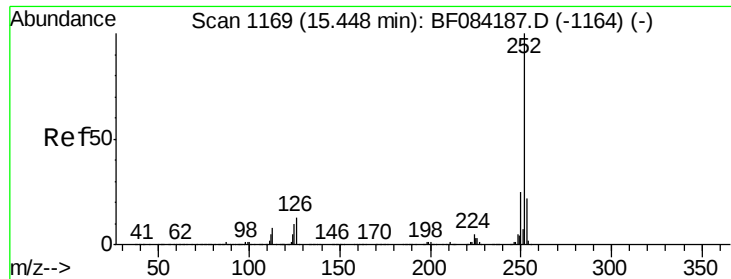
Tot Ion:252 Resp: 1424149
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 9.2 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 35.99 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF084536.D
Acq: 17 Jan 2016 15:16

Tgt Ion:252 Resp: 1152583
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.6 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.18 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

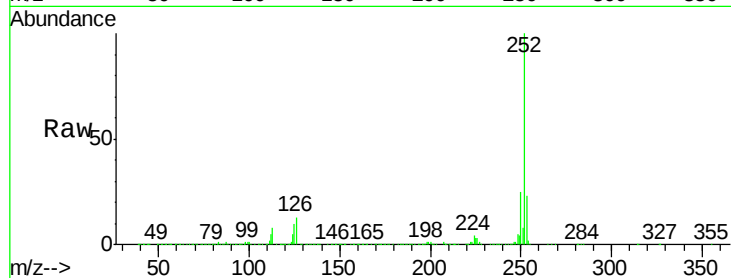
Tot Ion:252 Resp: 1301278

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.1	7.0	10.4

252 100

253 22.6 17.3 25.9

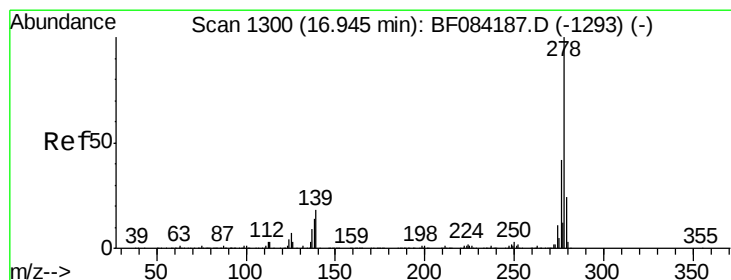
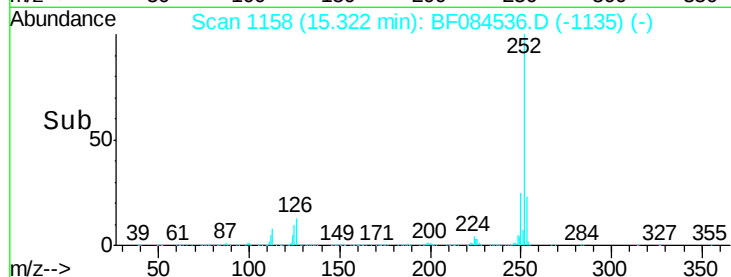
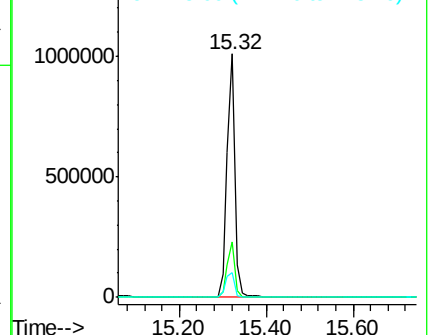
125 10.1 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.94 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.05 min

Lab File: BF084536.D

Acq: 17 Jan 2016 15:16

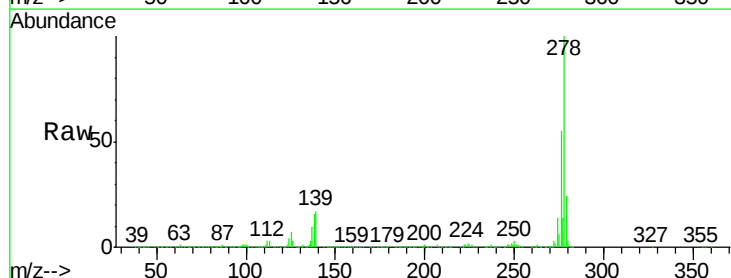
Tgt Ion:278 Resp: 1112914

Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.0	22.4
279	24.3	18.9	28.3

278 100

139 16.8 15.0 22.4

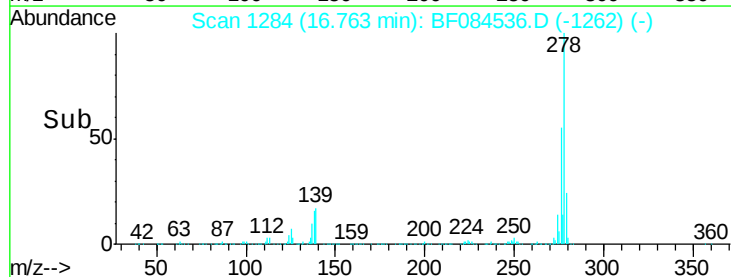
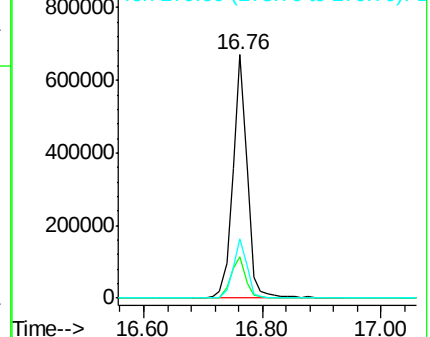
279 24.3 18.9 28.3

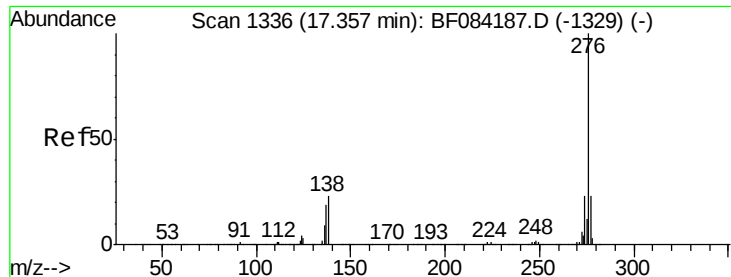


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



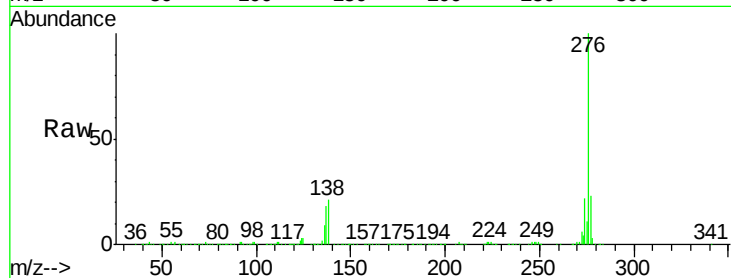


#91
 Benzo(a,h,i)perylene
 Concen: 37.24 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.06 min
 Lab File: BF084536.D
 Acq: 17 Jan 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1102039

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	21.3	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

