

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084486.D
 Acq On : 15 Jan 2016 11:08
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 15 11:34:37 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	6.82	152	296180	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	1224112	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	581860	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	1027390	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	740729	20.00	ng	-0.01
86) Perylene-d12	15.40	264	672990	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1496513	81.73	ng	-0.01
7) Phenol-d6	6.46	99	1852032	80.53	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1591457	72.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	453439	77.19	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2764279	83.46	ng	0.00
78) Terphenyl-d14	12.93	244	2383838	71.84	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	361837	41.71	ng	# 79
3) Pyridine	3.10	79	1020194	42.18	ng	# 78
4) n-Nitrosodimethylamine	3.06	42	452938	36.49	ng	# 88
6) Aniline	6.49	93	1215960	36.14	ng	# 89
8) 2-Chlorophenol	6.61	128	872077	41.98	ng	# 97
9) Benzaldehyde	6.37	77	541352	36.15	ng	# 86
10) Phenol	6.49	94	1018457	38.95	ng	# 66
11) bis(2-Chloroethyl)ether	6.57	93	890674	43.97	ng	# 91
12) 1,3-Dichlorobenzene	6.76	146	869200	40.56	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	894990	41.64	ng	# 96
14) 1,2-Dichlorobenzene	6.99	146	753588	36.62	ng	# 94
15) Benzyl Alcohol	6.97	79	674518	34.87	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1335121	36.20	ng	# 87
17) 2-Methylphenol	7.09	107	725186	41.65	ng	# 97
18) Hexachloroethane	7.33	117	331990	38.63	ng	# 92
19) n-Nitroso-di-n-propylamine	7.24	70	556647	35.76	ng	# 73
20) 3+4-Methylphenols	7.24	107	784506	38.33	ng	# 47
22) Acetophenone	7.24	105	1157106	39.31	ng	# 94
24) Nitrobenzene	7.41	77	948143	42.50	ng	# 99
25) Isophorone	7.65	82	1562303	37.14	ng	# 99
26) 2-Nitrophenol	7.73	139	457173	45.03	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	789238	38.40	ng	# 86
28) bis(2-Chloroethoxy)methane	7.87	93	1053184	40.99	ng	# 97
29) 2,4-Dichlorophenol	7.97	162	675331	39.45	ng	# 98
30) 1,2,4-Trichlorobenzene	8.05	180	720378	40.76	ng	# 95
31) Naphthalene	8.13	128	2165648	38.99	ng	# 97
32) Benzoic acid	7.89	122	427202	34.36	ng	# 98
33) 4-Chloroaniline	8.19	127	1050206	41.25	ng	# 89
34) Hexachlorobutadiene	8.25	225	377235	37.13	ng	# 96
35) Caprolactam	8.57	113	213236	36.95	ng	# 52
36) 4-Chloro-3-methylphenol	8.68	107	738824	38.53	ng	# 87
37) 2-Methylnaphthalene	8.83	142	1544411	38.74	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	628411	37.57	ng	# 98
40) Hexachlorocyclopentadiene	8.98	237	333130	32.99	ng	# 98

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 SSTDCCC040

Quant Time: Jan 15 11:34:37 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

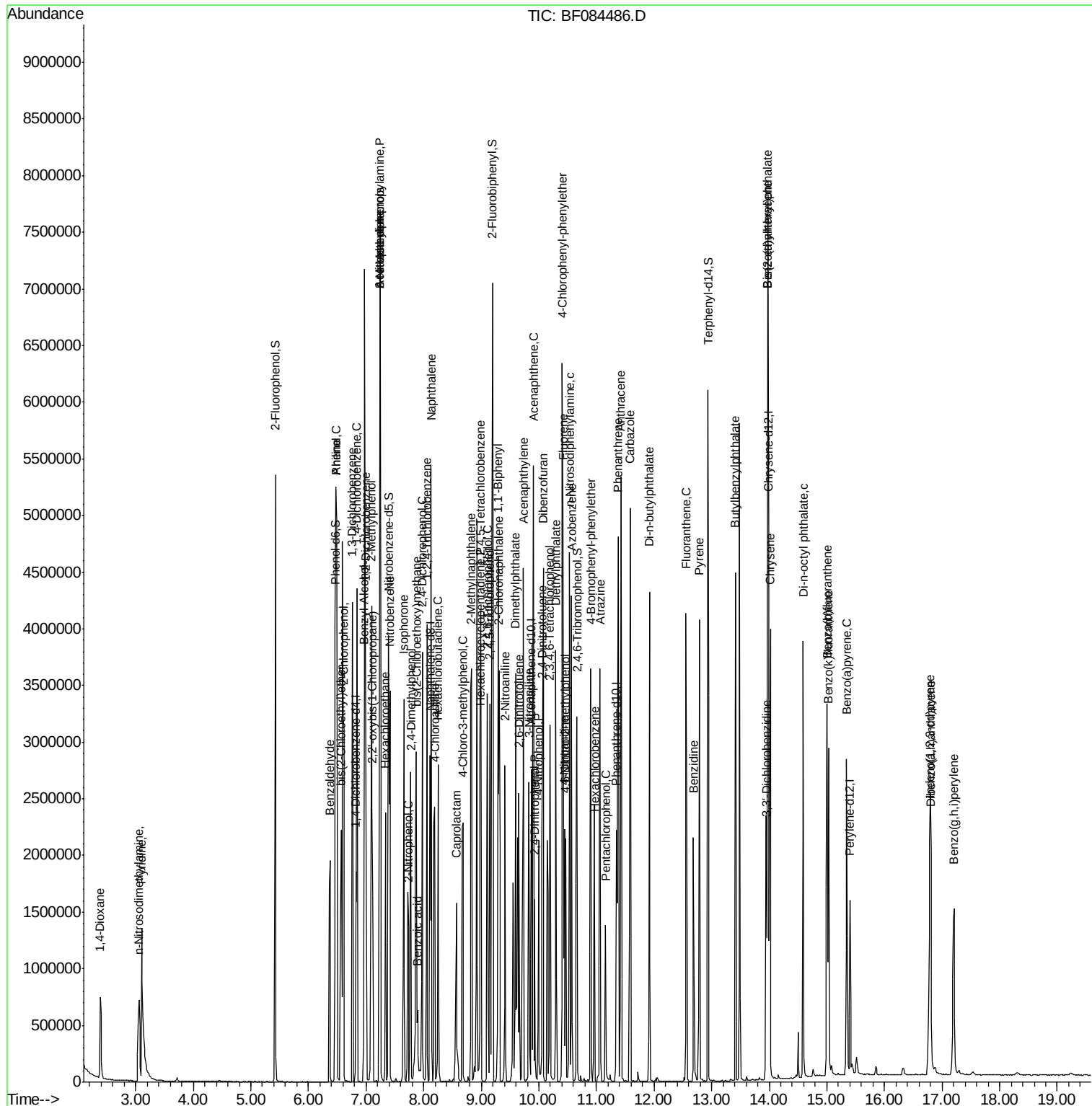
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	439211	35.10	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	471643	39.31	nq #	91
45) 1,1'-Biphenyl	9.29	154	1740809	37.64	nq	97
46) 2-Chloronaphthalene	9.31	162	1340818	36.91	nq	97
47) 2-Nitroaniline	9.41	65	474912	39.61	nq	95
48) Acenaphthylene	9.73	152	2183156	40.68	nq	96
49) Dimethylphthalate	9.60	163	1446689	34.78	nq #	90
50) 2,6-Dinitrotoluene	9.65	165	340643	37.34	nq #	48
51) Acenaphthene	9.90	154	1478476	41.07	nq	99
52) 3-Nitroaniline	9.82	138	394078	34.86	nq	94
53) 2,4-Dinitrophenol	9.93	184	176299	46.90	nq #	77
54) Dibenzofuran	10.08	168	1904402	40.55	nq	96
55) 4-Nitrophenol	10.00	139	302527	36.87	nq #	81
56) 2,4-Dinitrotoluene	10.06	165	486816	42.16	nq #	80
57) Fluorene	10.42	166	1475132	40.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	365863	35.72	nq	90
59) Diethylphthalate	10.29	149	1450947	35.38	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	622308	40.04	nq	95
61) 4-Nitroaniline	10.44	138	422960	41.97	nq	88
62) Azobenzene	10.57	77	1658847	36.88	nq	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	233002	37.16	nq #	69
65) n-Nitrosodiphenylamine	10.53	169	1355015	41.25	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	441219	39.90	nq #	89
67) Hexachlorobenzene	10.97	284	478095	38.41	nq #	85
68) Atrazine	11.06	200	384444	35.76	nq	98
69) Pentachlorophenol	11.16	266	241227	37.38	nq	98
70) Phenanthrene	11.38	178	2246962	41.81	nq	96
71) Anthracene	11.42	178	1958152	37.17	nq	97
72) Carbazole	11.58	167	1886705	36.63	nq	98
73) Di-n-butylphthalate	11.92	149	2134383	37.24	nq #	95
74) Fluoranthene	12.56	202	2138664	38.10	nq	96
76) Benzidine	12.68	184	939824	35.39	nq	99
77) Pyrene	12.78	202	2227250	38.32	nq	98
79) Butylbenzylphthalate	13.41	149	959368	38.14	nq	91
80) Benzo(a)anthracene	13.97	228	1726497	39.70	nq	97
81) 3,3'-Dichlorobenzidine	13.95	252	708392	46.67	nq	99
82) Chrysene	14.02	228	1774528	42.46	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1160306	36.51	nq	98
84) Di-n-octyl phthalate	14.59	149	2111615	39.36	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.79	276	1521784	45.93	nq	97
87) Benzo(b)fluoranthene	15.00	252	1616121m	36.71	nq	
88) Benzo(k)fluoranthene	15.03	252	1481113m	41.14	nq	
89) Benzo(a)pyrene	15.35	252	1461614	39.14	nq #	94
90) Dibenzo(a,h)anthracene	16.81	278	1244984	38.75	nq #	96
91) Benzo(g,h,i)perylene	17.21	276	1297890	39.01	nq	99

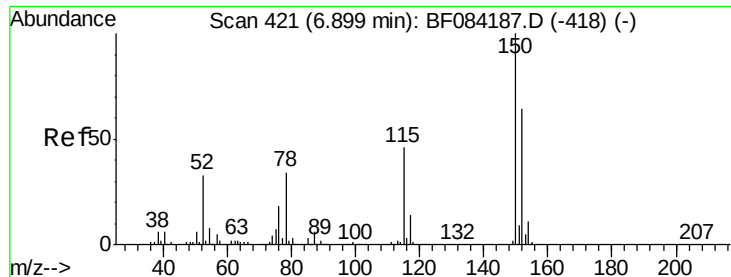
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 15 Jan 2016  11:08  
Operator  : SJ/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

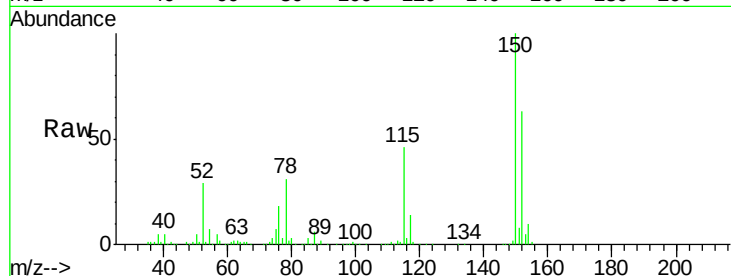
Tot Ion:152 Resp: 296180

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

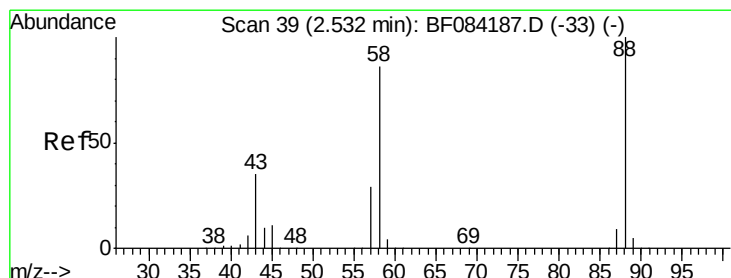
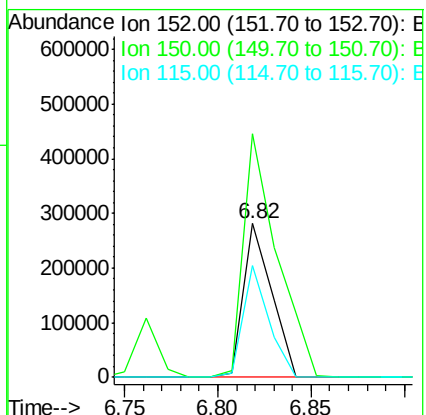
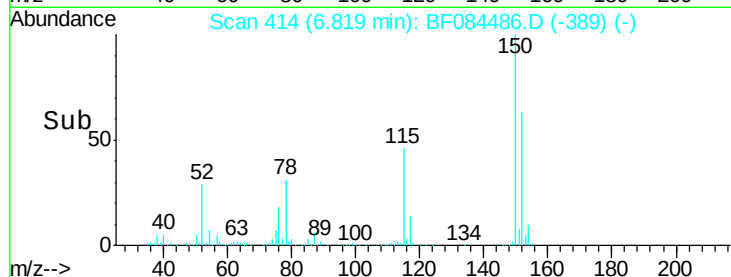
115 72.6 51.4 77.2



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: 41.71 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

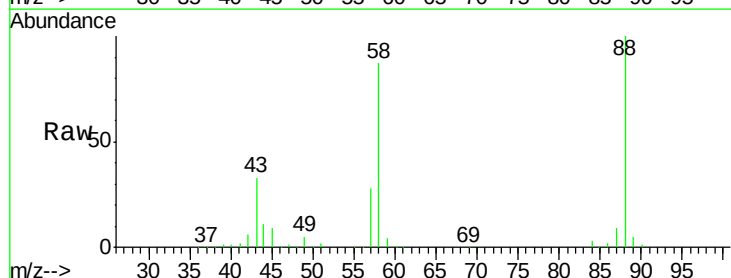
Tgt Ion: 88 Resp: 361837

Ion Ratio Lower Upper

88 100

58 83.4 51.2 76.8#

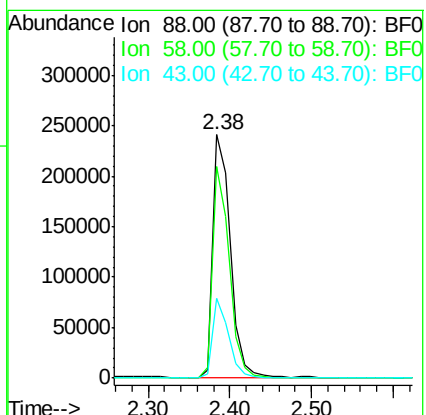
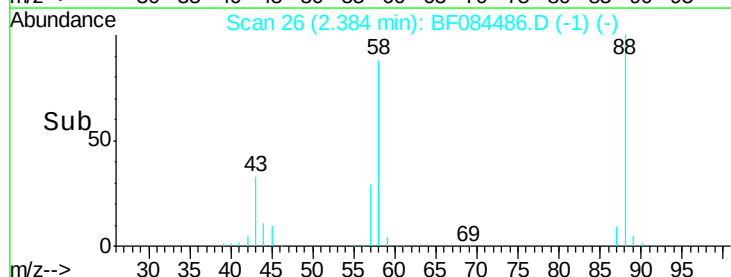
43 30.8 19.5 29.3#

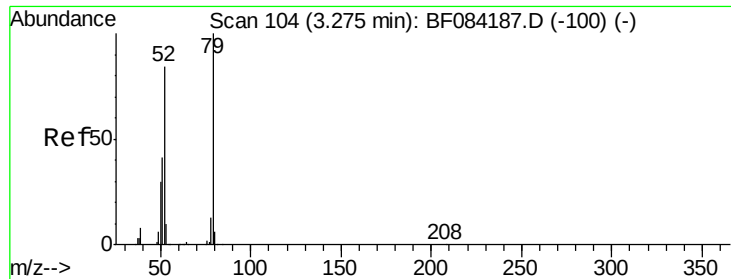


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.18 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.02 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

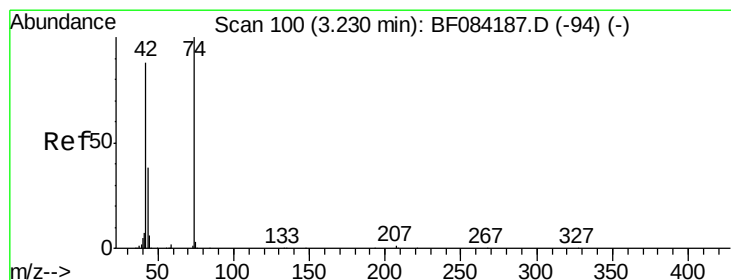
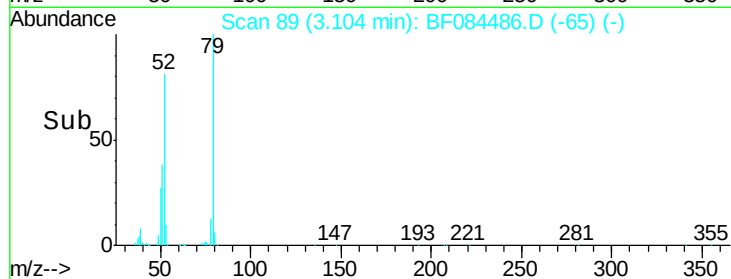
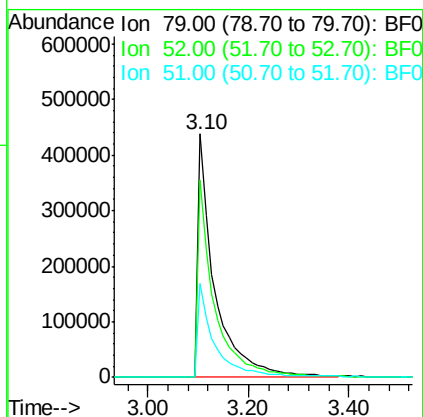
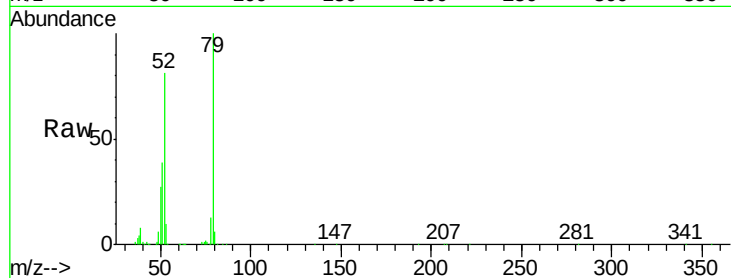
Tot Ion: 79 Resp: 1020194

Ion Ratio Lower Upper

79 100

52 81.4 49.0 73.4#

51 38.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 36.49 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

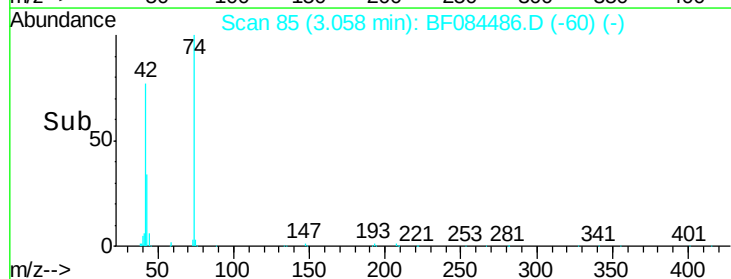
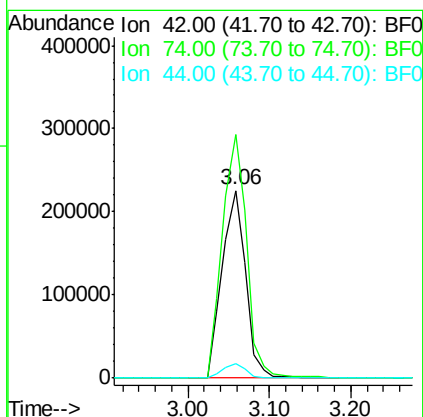
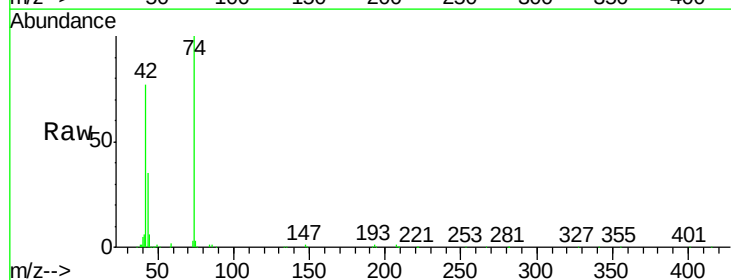
Tgt Ion: 42 Resp: 452938

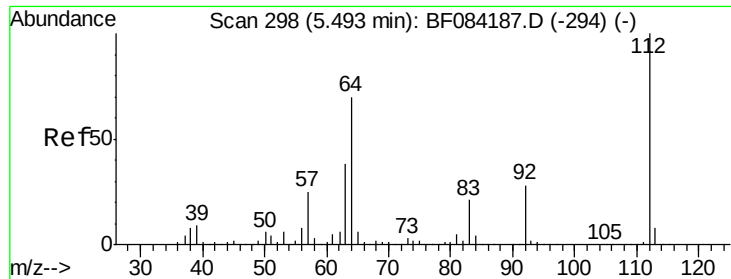
Ion Ratio Lower Upper

42 100

74 129.8 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 81.73 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

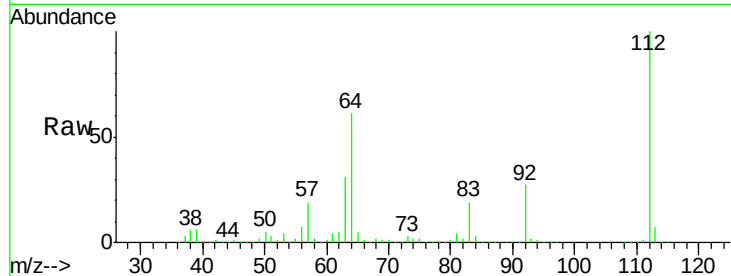
Tot Ion:112 Resp: 1496513

Ion Ratio Lower Upper

112 100

64 60.8 36.6 55.0#

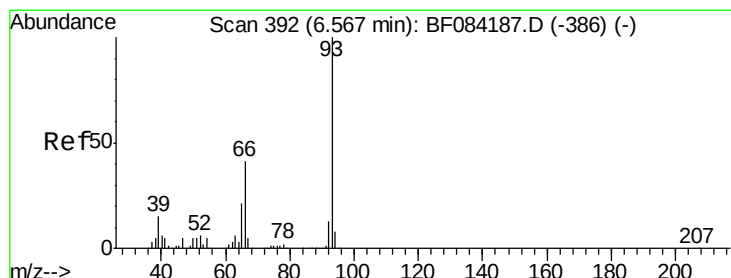
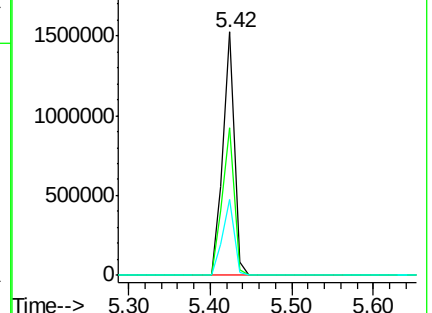
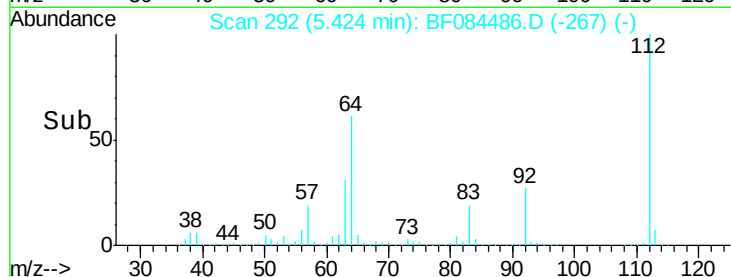
63 31.4 19.4 29.0#



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: 36.14 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

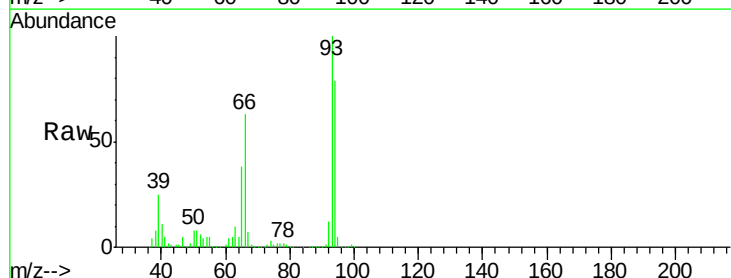
Tgt Ion: 93 Resp: 1215960

Ion Ratio Lower Upper

93 100

66 62.5 44.9 67.3

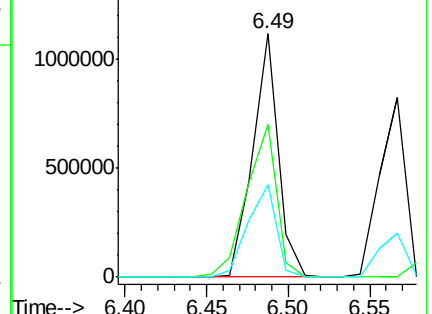
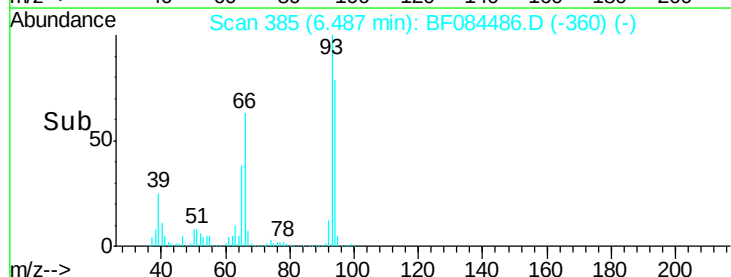
65 38.1 23.7 35.5#

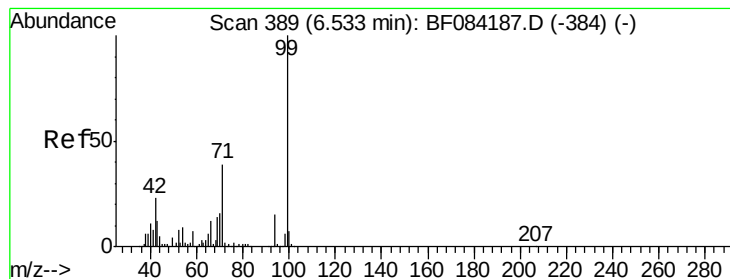


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.53 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

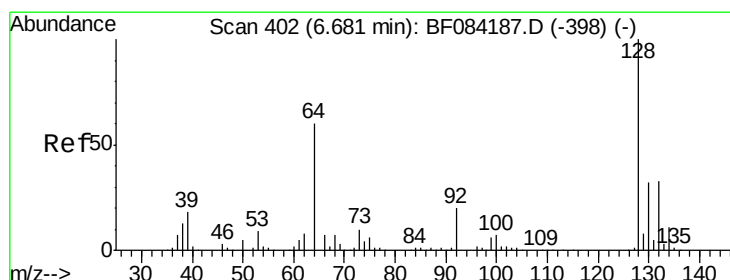
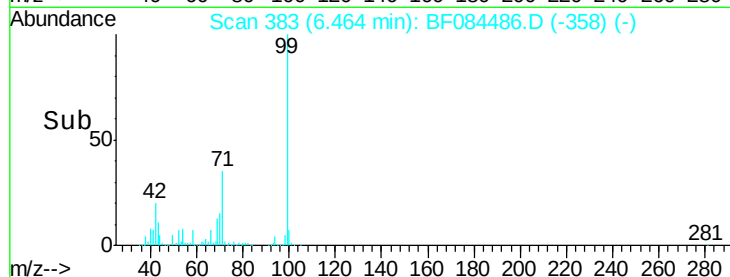
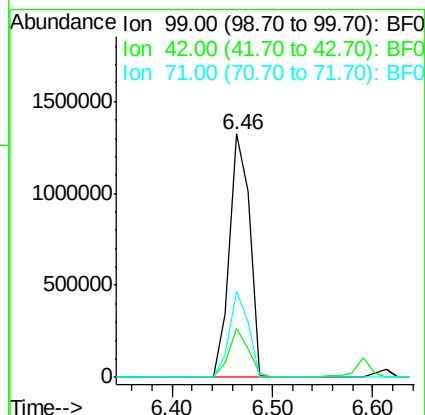
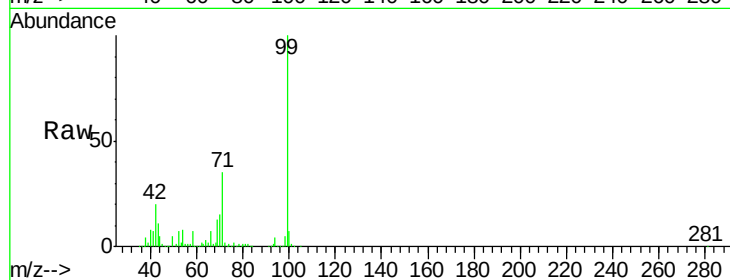
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1852032

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	35.2	30.9	46.3



#8

2-Chlorophenol

Concen: 41.98 ng

RT: 6.61 min Scan# 396

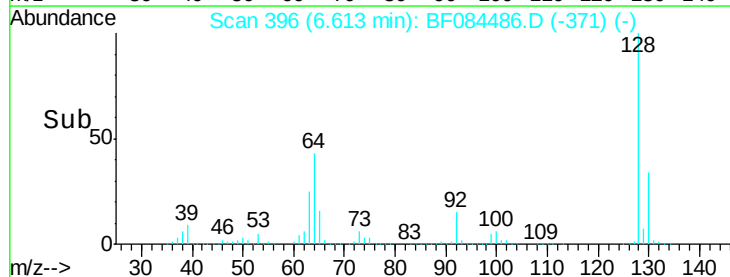
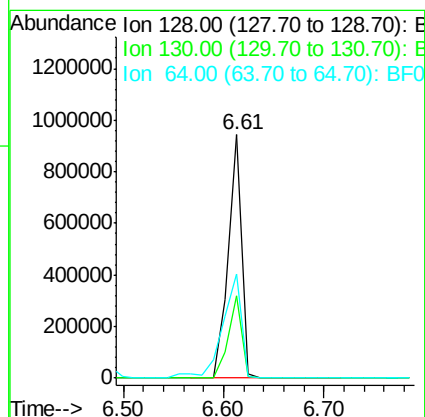
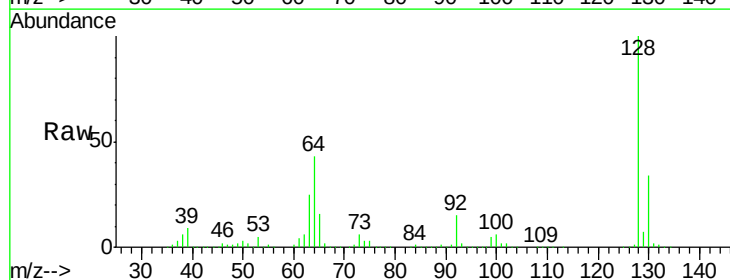
Delta R.T. -0.01 min

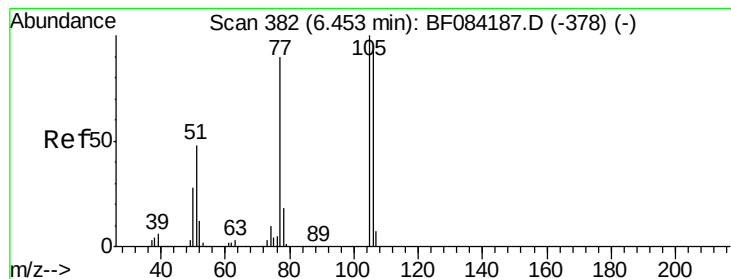
Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Tgt Ion: 128 Resp: 872077

Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.6	51.6
64	42.7	23.8	63.8





#9

Benzaldehyde

Concen: 36.15 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

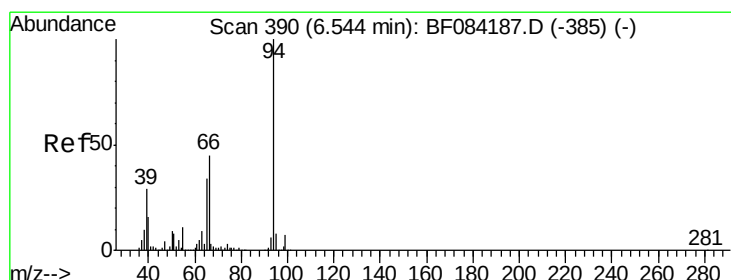
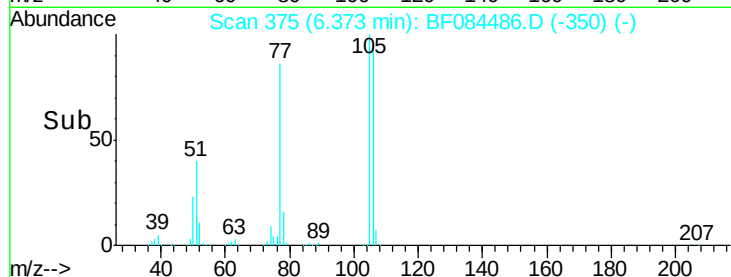
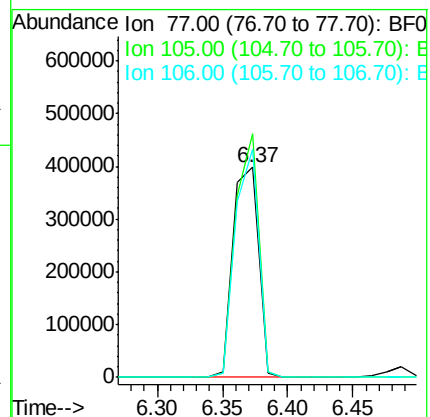
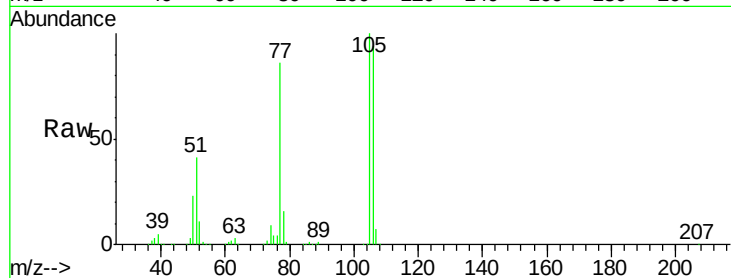
Tot Ion: 77 Resp: 541352

Ion Ratio Lower Upper

77 100

105 116.1 83.0 123.0

106 108.8 74.6 114.6



#10

Phenol

Concen: 38.95 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

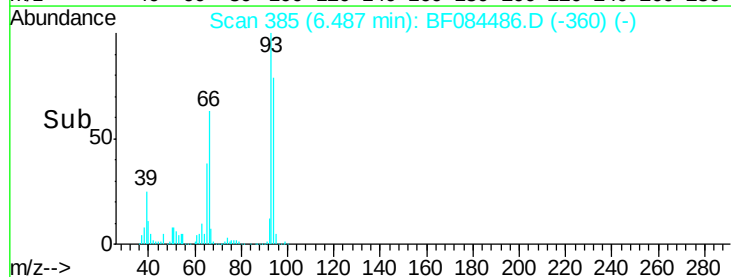
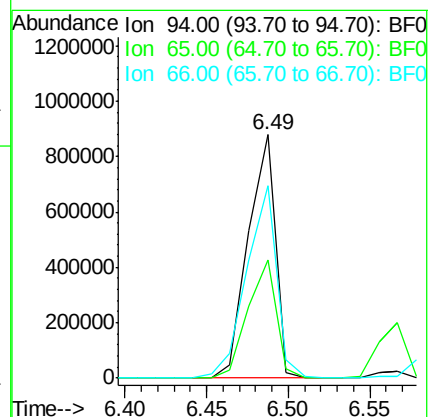
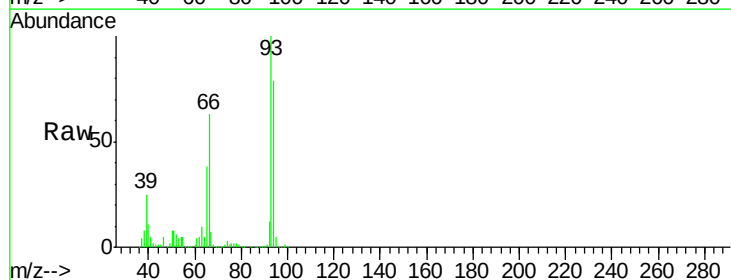
Tgt Ion: 94 Resp: 1018457

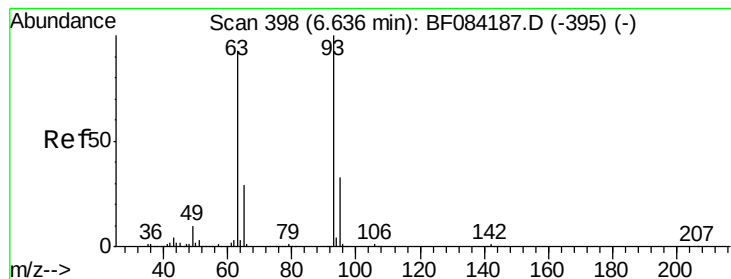
Ion Ratio Lower Upper

94 100

65 48.3 12.9 52.9

66 79.3 32.7 72.7#

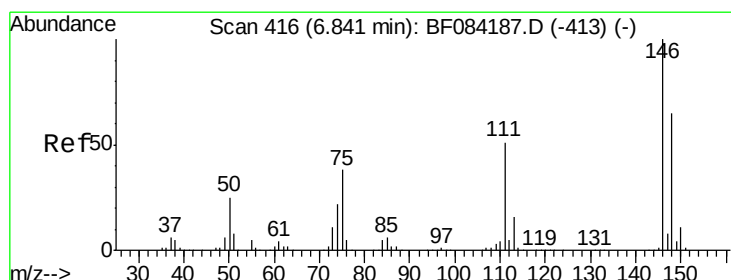
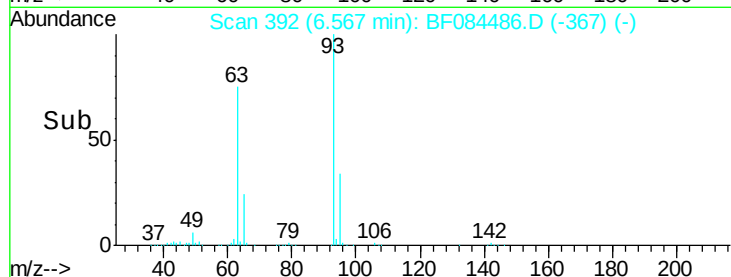
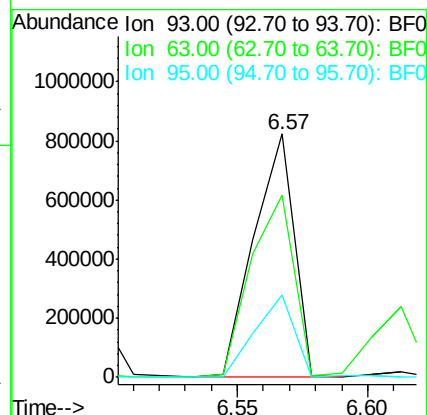
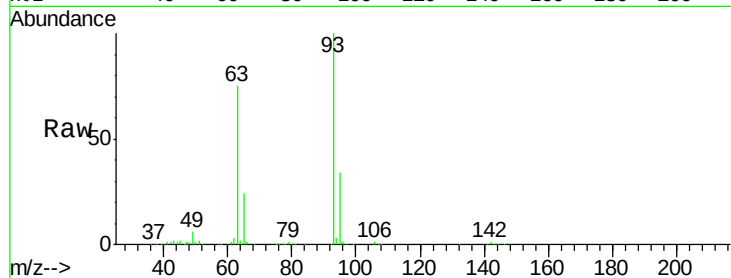




#11
bis(2-Chloroethyl)ether
Concen: 43.97 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

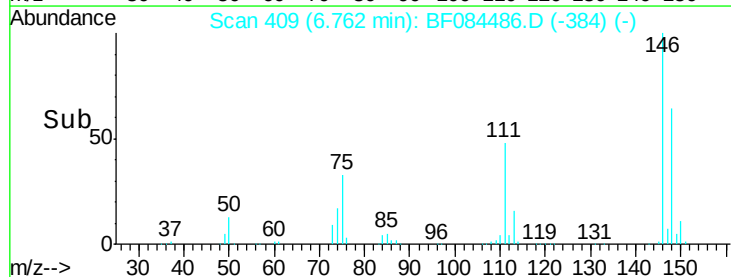
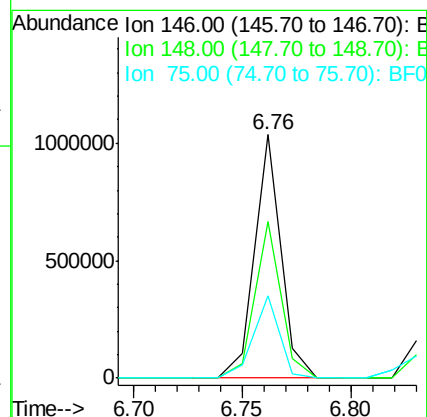
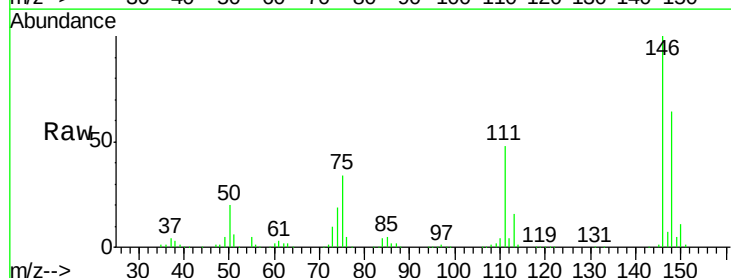
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

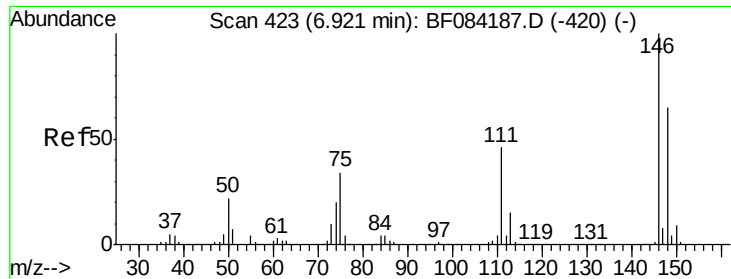
Tot Ion: 93 Resp: 890674
Ion Ratio Lower Upper
93 100
63 74.8 45.9 85.9
95 34.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.56 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion: 146 Resp: 869200
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 33.9 20.5 30.7#

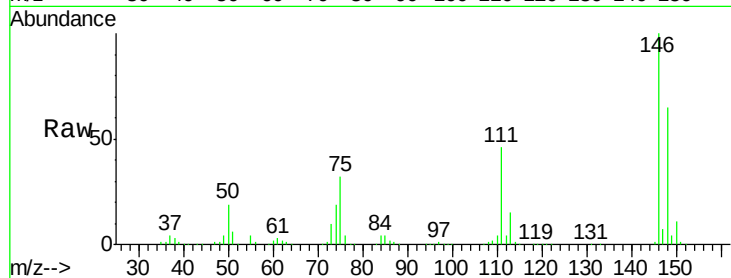




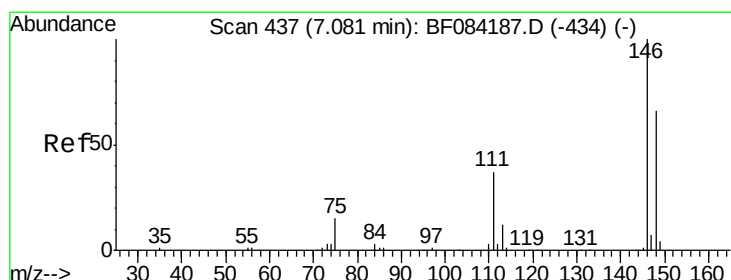
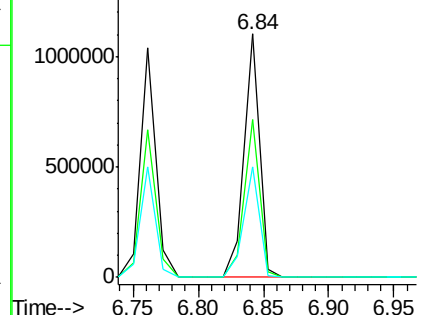
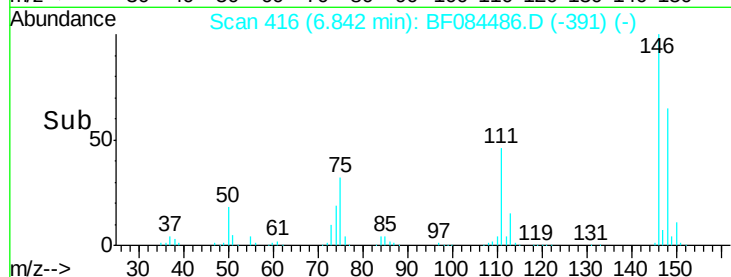
#13
 1,4-Dichlorobenzene
 Concen: 41.64 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 894990
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 45.6 41.6 62.4

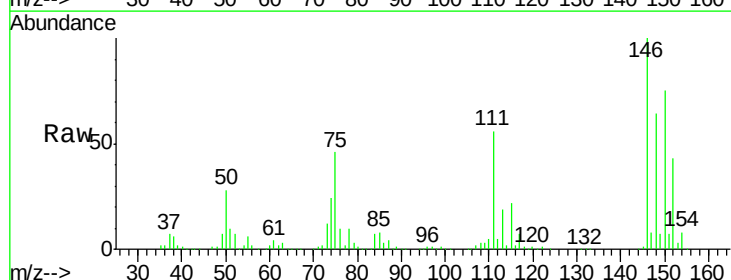


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

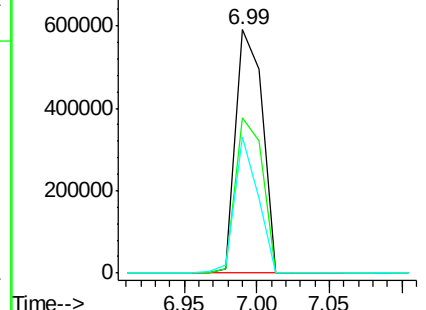
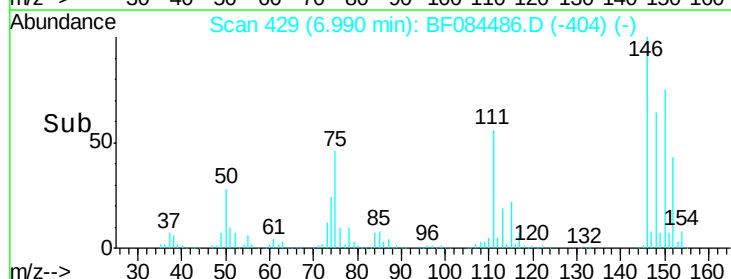


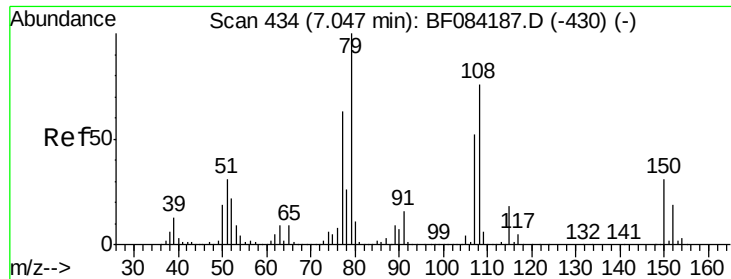
#14
 1,2-Dichlorobenzene
 Concen: 36.62 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:146 Resp: 753588
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 55.9 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: 34.87 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

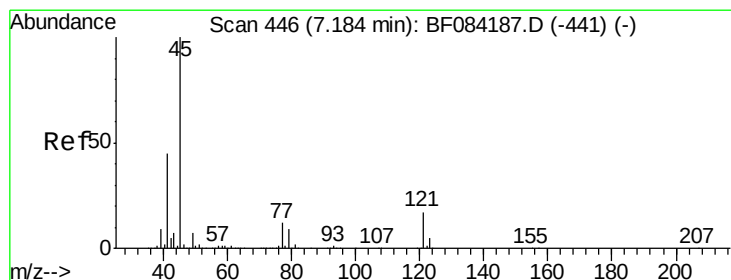
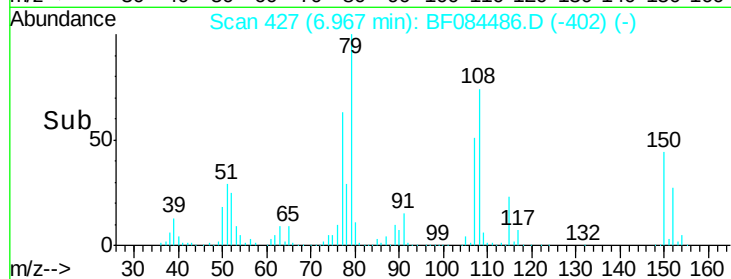
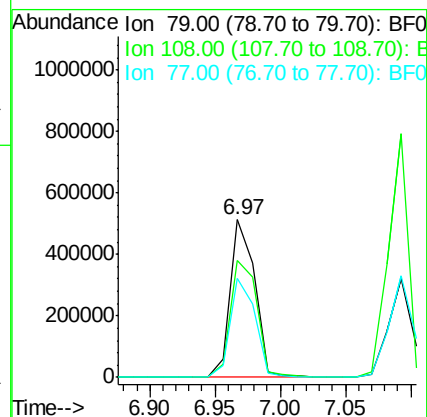
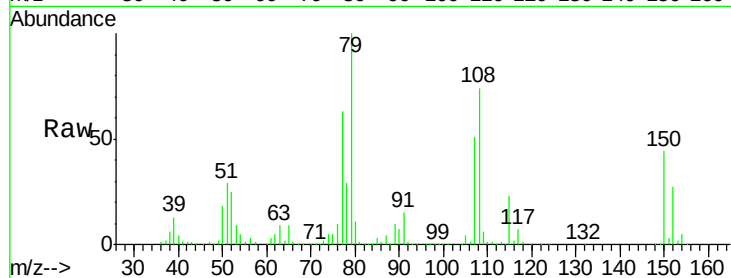
Tot Ion: 79 Resp: 674518

Ion Ratio Lower Upper

79 100

108 74.5 69.0 103.4

77 62.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.20 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

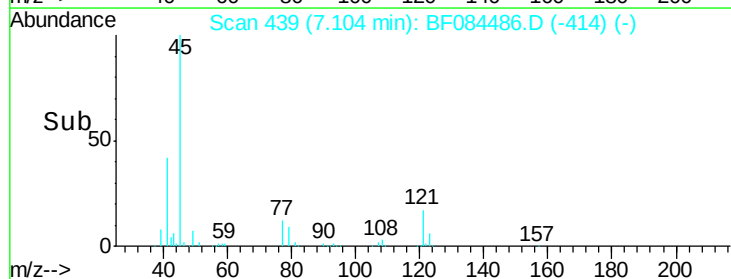
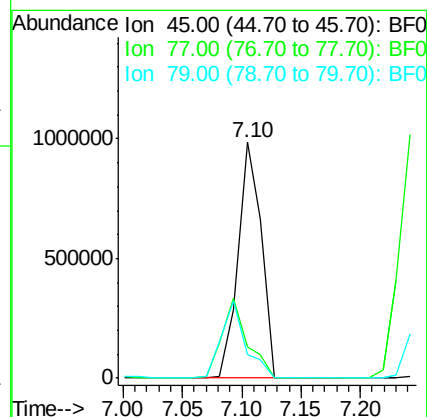
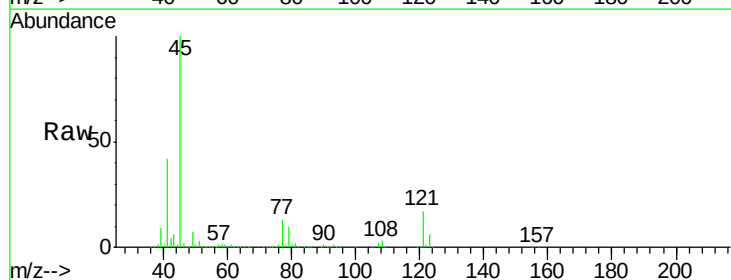
Tgt Ion: 45 Resp: 1335121

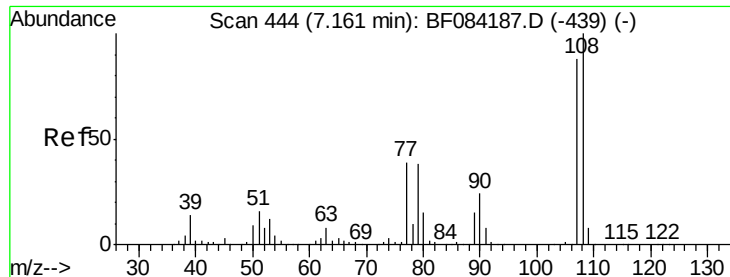
Ion Ratio Lower Upper

45 100

77 12.9 0.0 39.6

79 10.2 0.0 35.0





#17

2-Methylphenol

Concen: 41.65 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 725186

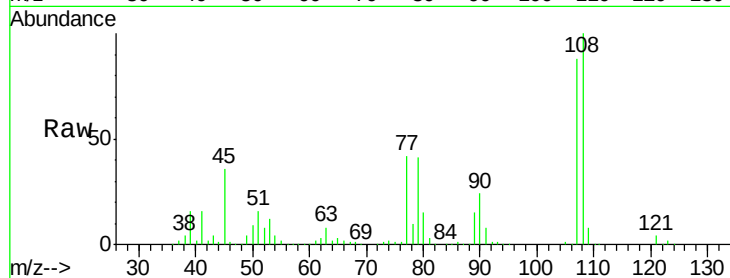
Ion Ratio Lower Upper

107 100

108 114.2 89.8 134.6

77 47.9 35.7 53.5

79 46.4 35.7 53.5

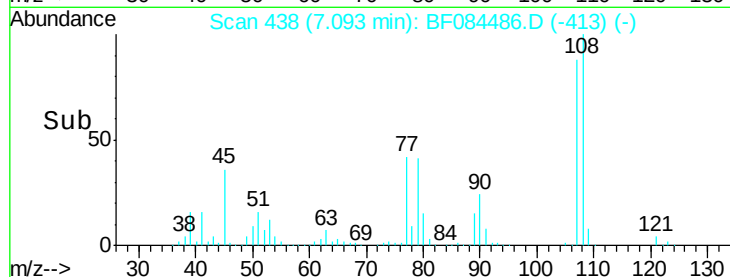


Abundance Ion 107.00 (106.70 to 107.70): E

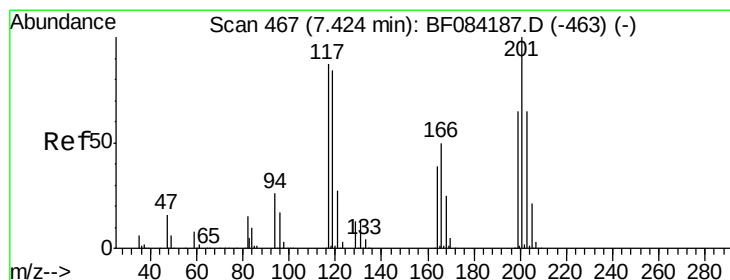
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 38.63 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

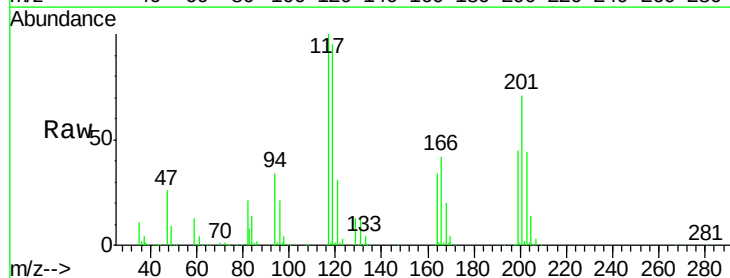
Tgt Ion:117 Resp: 331990

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0

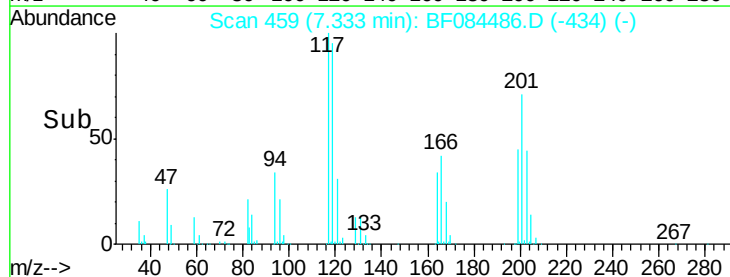
201 70.6 68.6 103.0



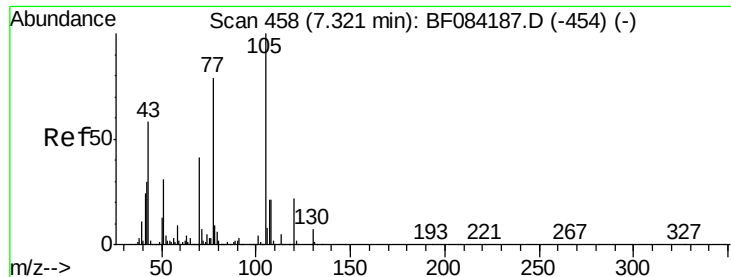
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



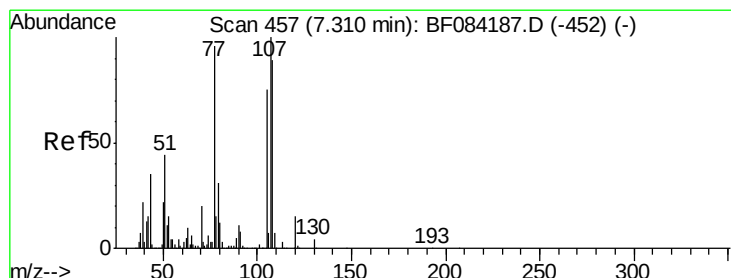
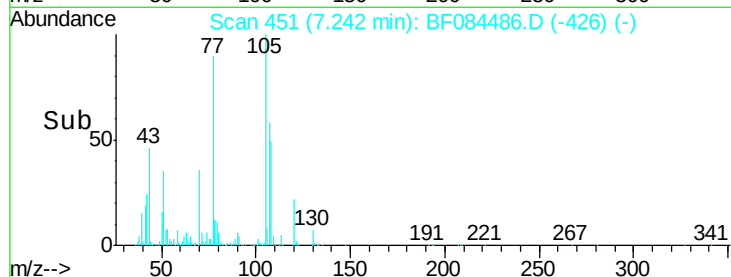
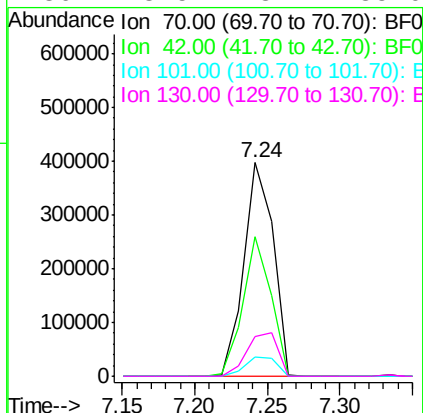
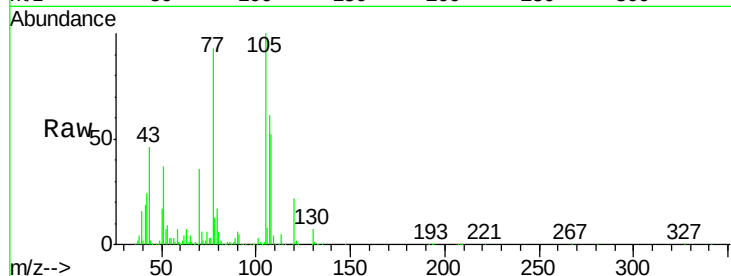
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 35.76 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

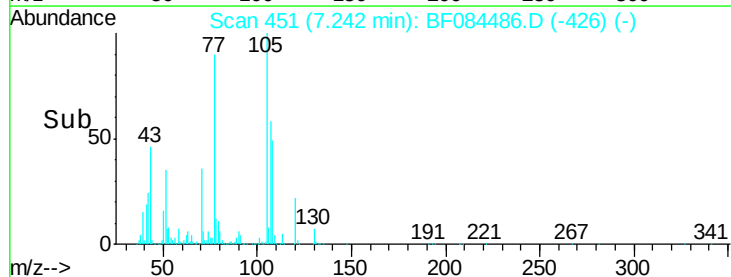
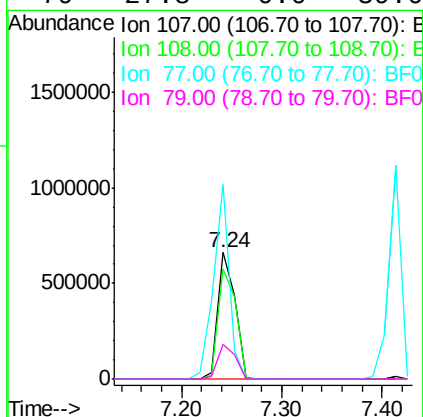
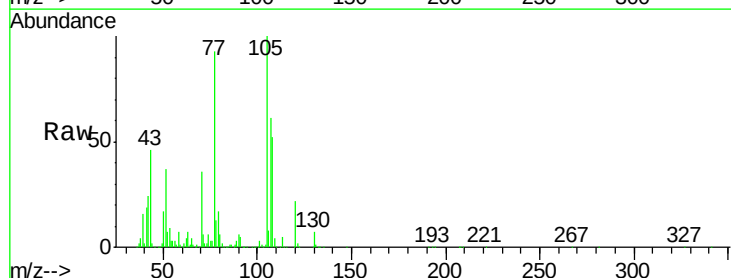
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

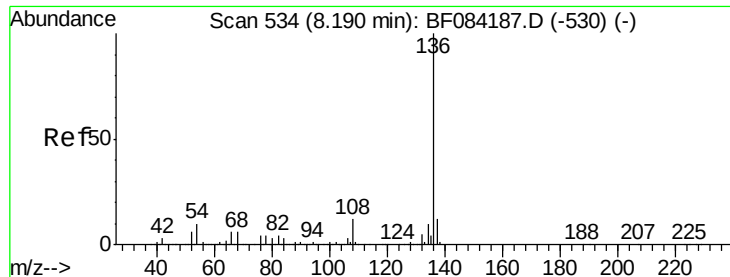
Tot Ion: 70 Resp: 556647
Ion Ratio Lower Upper
70 100
42 65.1 33.3 49.9#
101 9.2 9.3 13.9#
130 18.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.33 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion: 107 Resp: 784506
Ion Ratio Lower Upper
107 100
108 86.6 74.6 114.6
77 153.8 0.7 40.7#
79 27.8 0.0 39.0

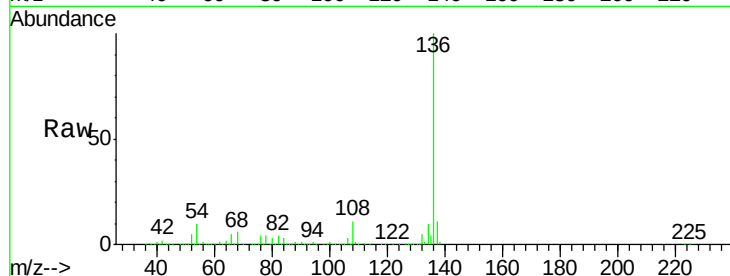




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp: 1224112
Ion Ratio	Lower Upper
136 100	
137 11.5	8.7 13.1
54 9.7	5.8 8.8#
68 6.2	4.2 6.2



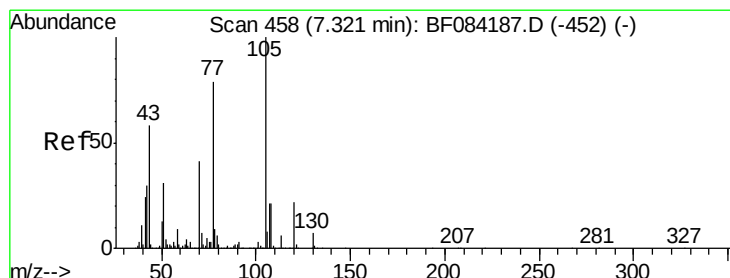
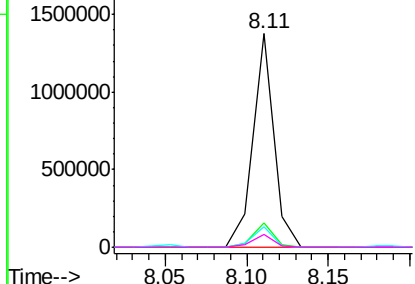
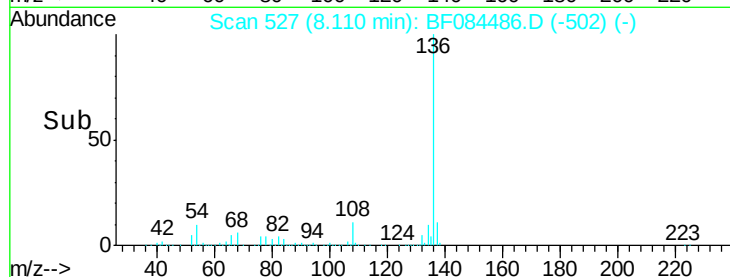
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

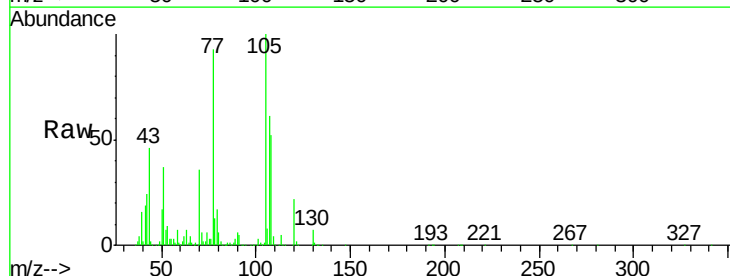
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.31 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt	Ion:105	Resp:	1157106
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.7	5.5#
51	36.6	25.1	37.7
120	21.5	16.6	25.0



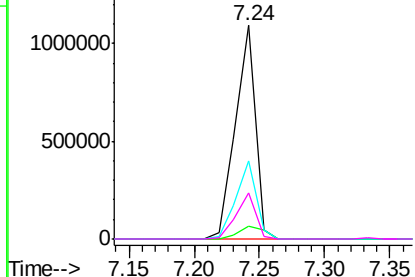
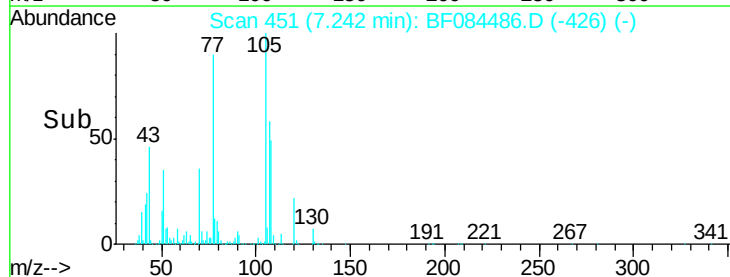
Abundance

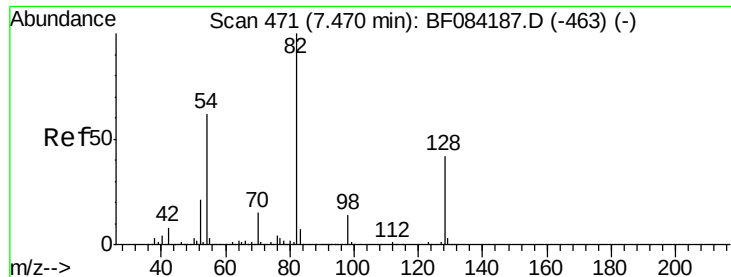
Ion 105.00 (104.70 to 105.70): E

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



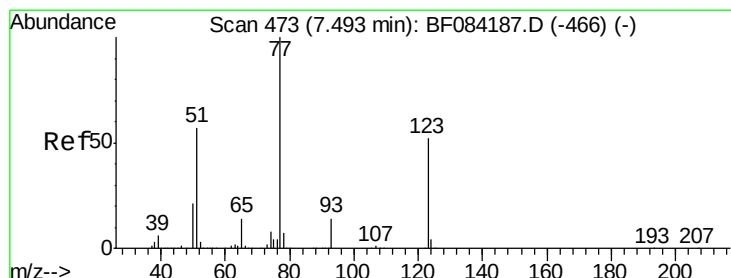
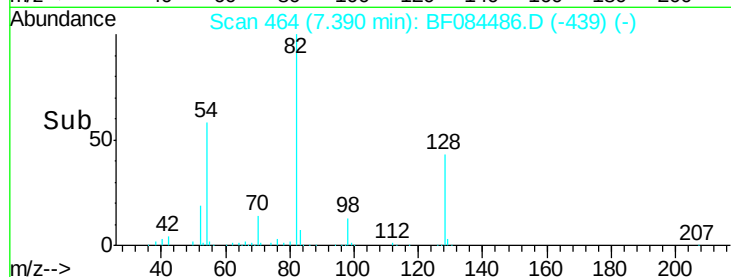
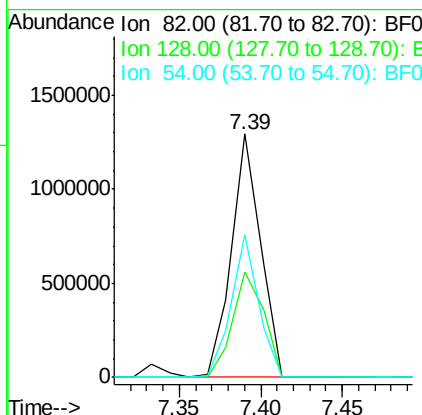
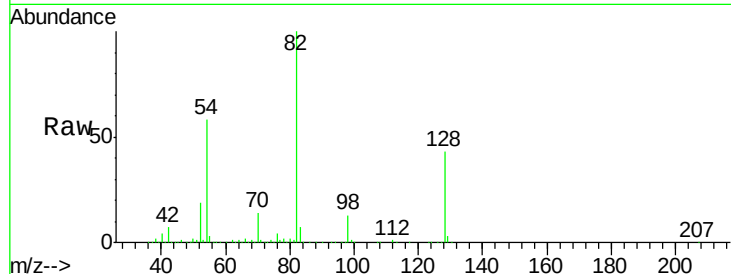


#23
 Nitrobenzene-d5
 Concen: 72.36 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1591457

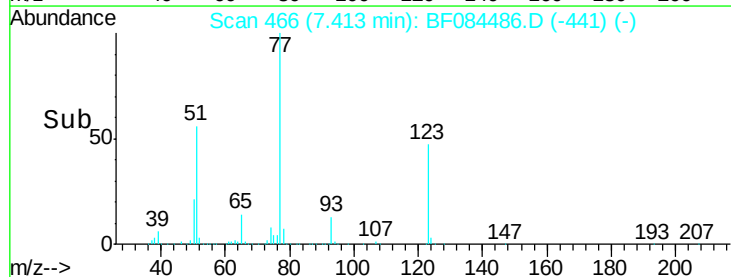
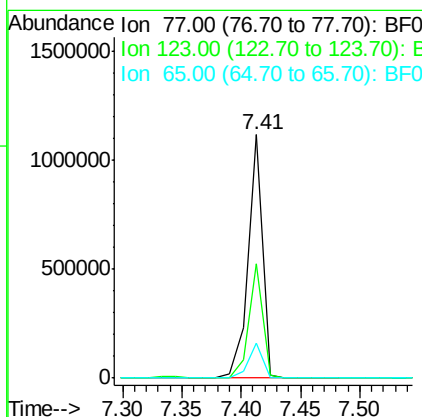
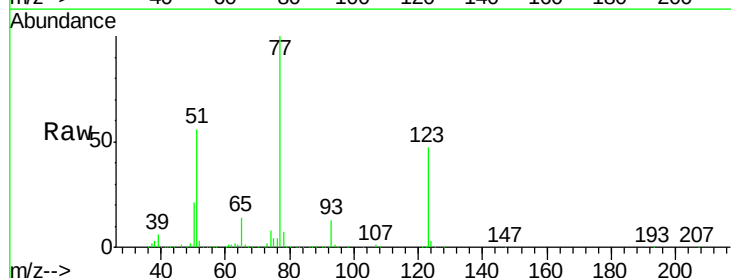
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	58.3	38.4	57.6

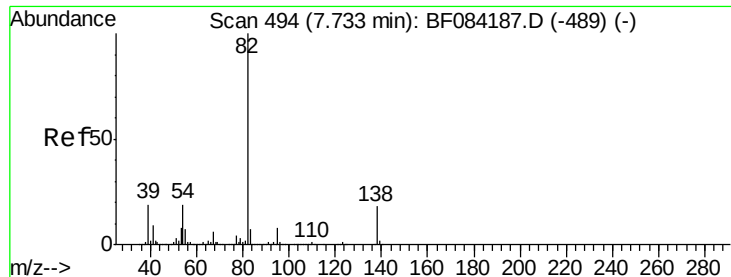


#24
 Nitrobenzene
 Concen: 42.50 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion: 77 Resp: 948143

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 37.14 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

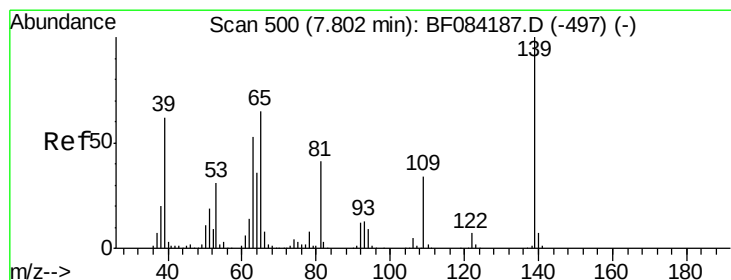
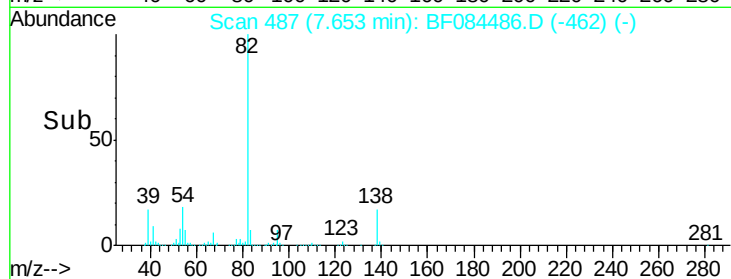
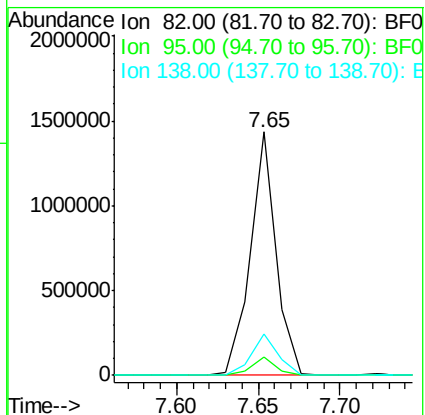
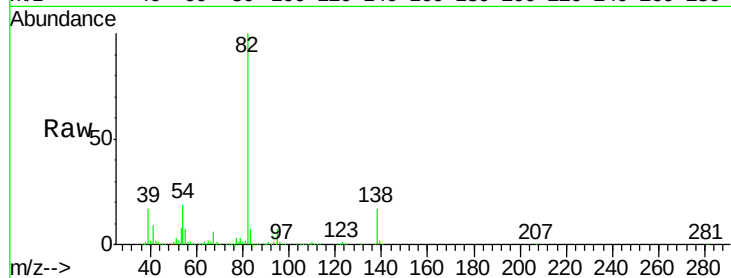
Tot Ion: 82 Resp: 1562303

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

138 16.8 13.6 20.4



#26

2-Nitrophenol

Concen: 45.03 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

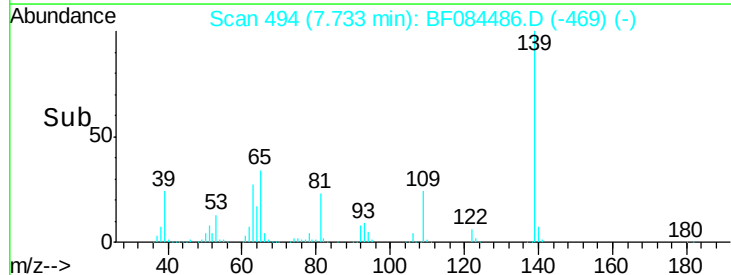
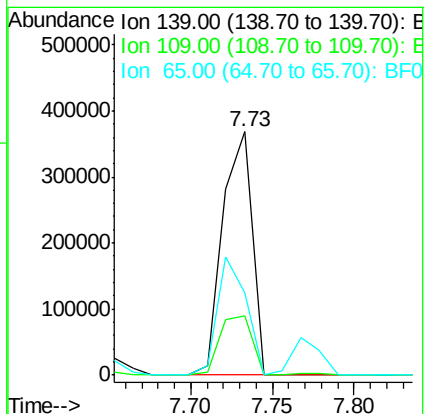
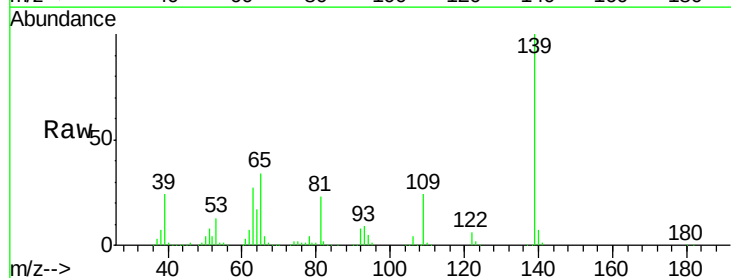
Tgt Ion: 139 Resp: 457173

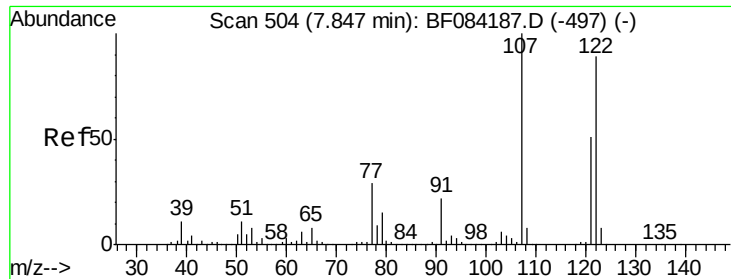
Ion Ratio Lower Upper

139 100

109 24.5 25.4 38.2#

65 33.9 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 38.40 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

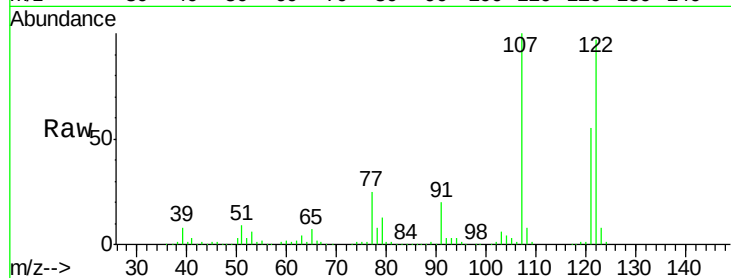
Tot Ion:122 Resp: 789238

Ion Ratio Lower Upper

122 100

107 102.6 99.1 148.7

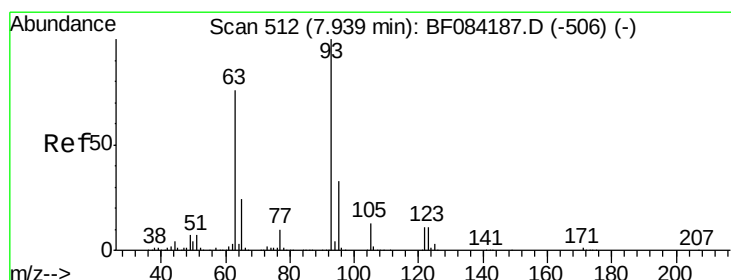
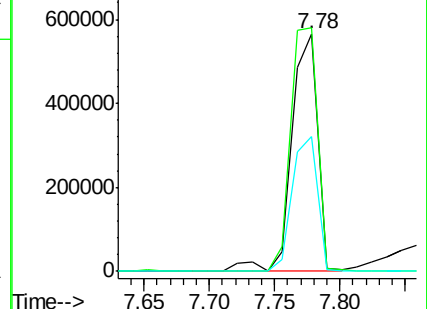
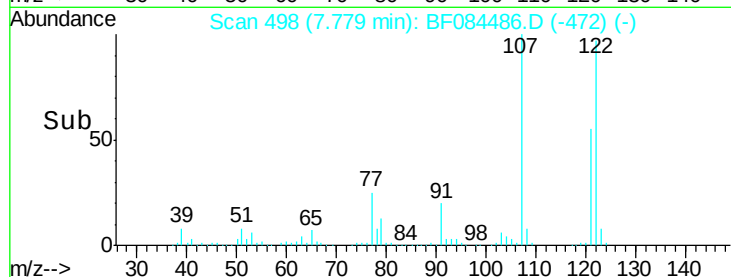
121 56.7 47.9 71.9



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: 40.99 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

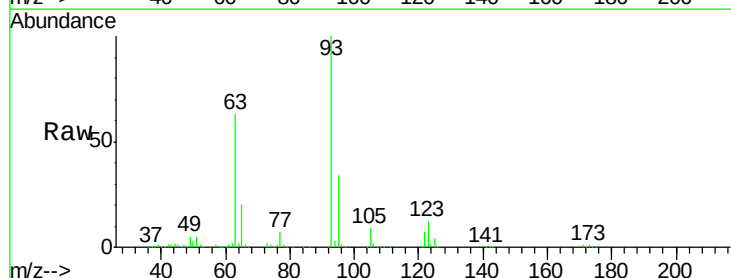
Tgt Ion: 93 Resp: 1053184

Ion Ratio Lower Upper

93 100

95 33.9 25.8 38.6

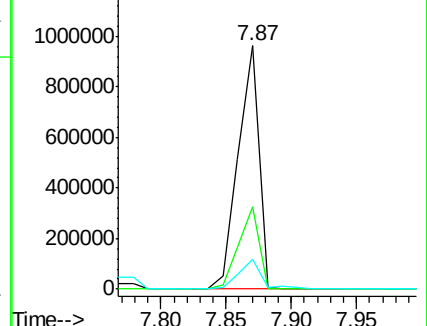
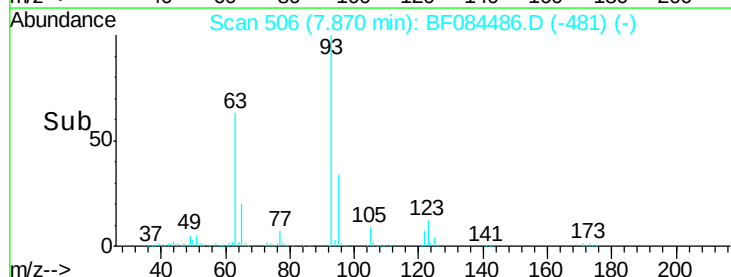
123 12.5 8.6 12.8

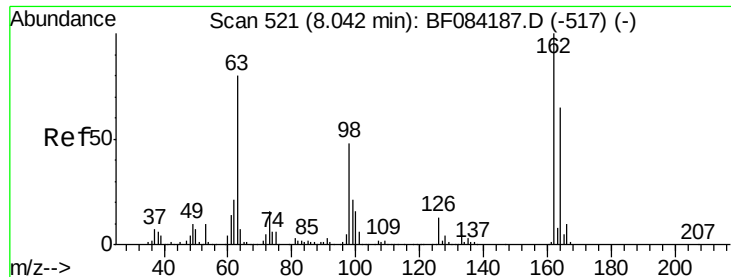


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.45 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

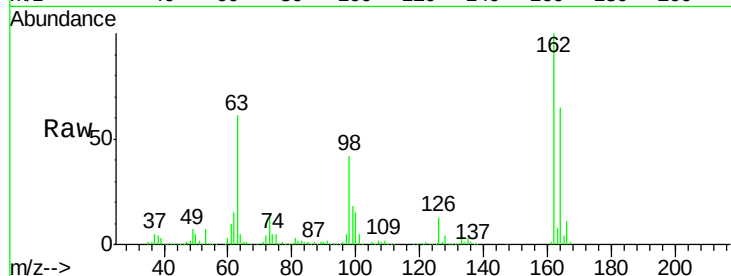
Tot Ion:162 Resp: 675331

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

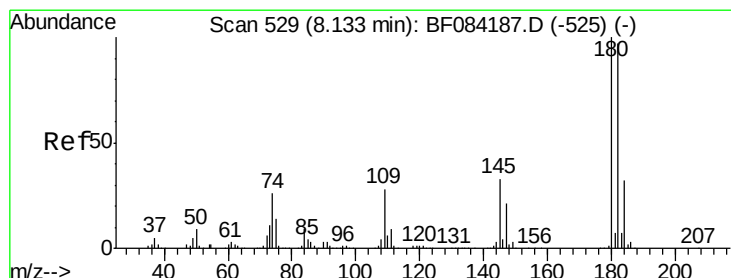
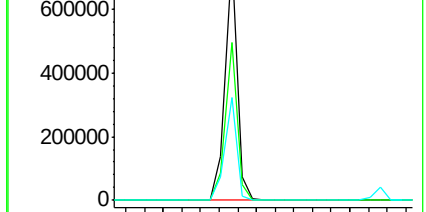
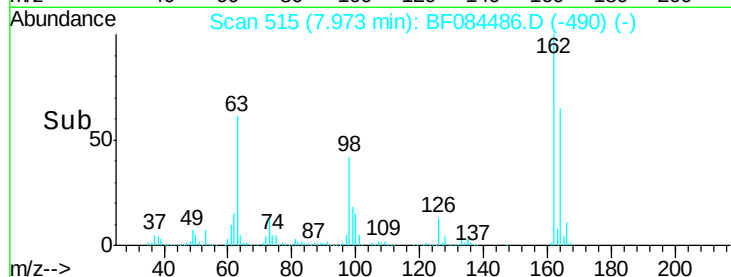
98 42.2 20.2 60.2



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: 40.76 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

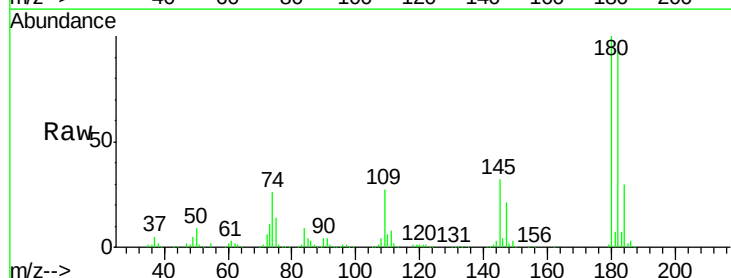
Tgt Ion:180 Resp: 720378

Ion Ratio Lower Upper

180 100

182 93.5 76.4 114.6

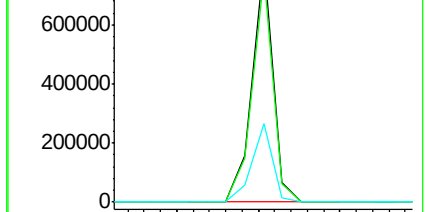
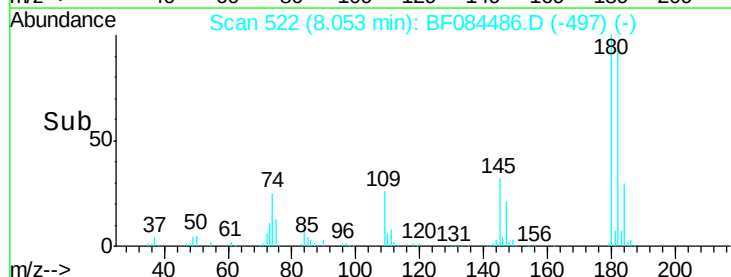
145 32.3 31.6 47.4

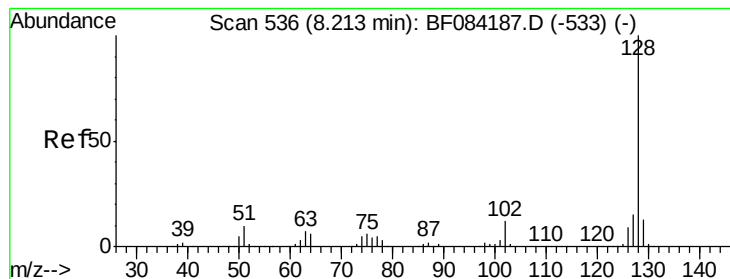


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.99 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

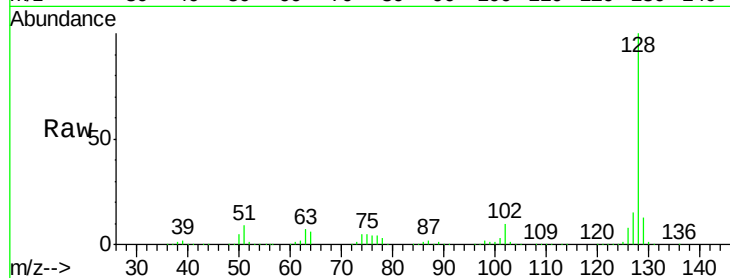
Tot Ion:128 Resp: 2165648

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

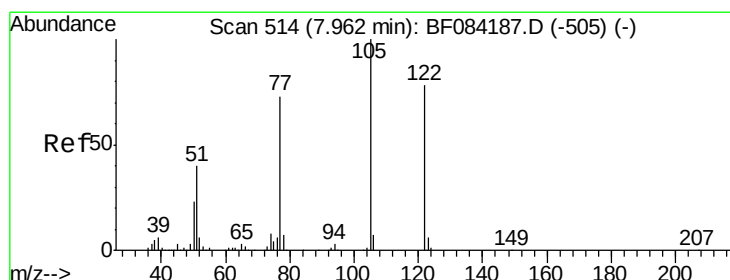
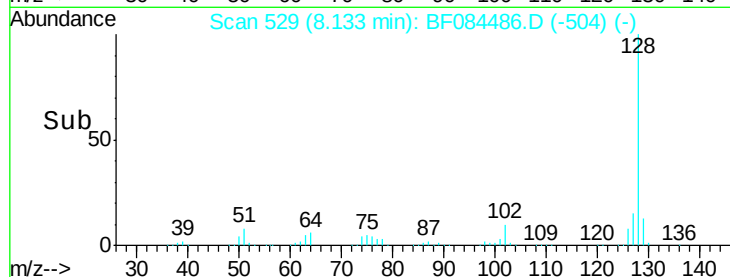
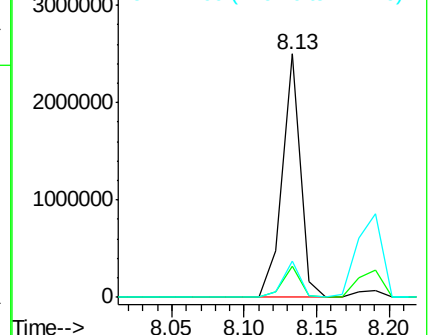
127 14.9 11.1 16.7



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: 34.36 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

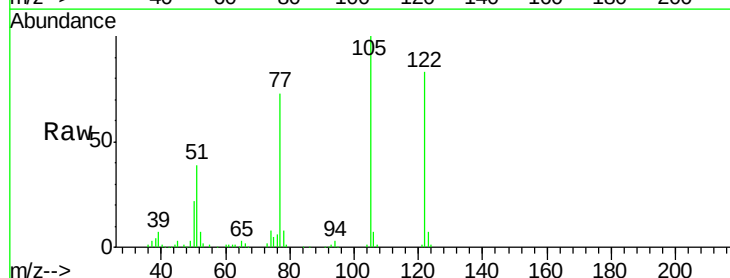
Tgt Ion:122 Resp: 427202

Ion Ratio Lower Upper

122 100

105 120.7 100.3 140.3

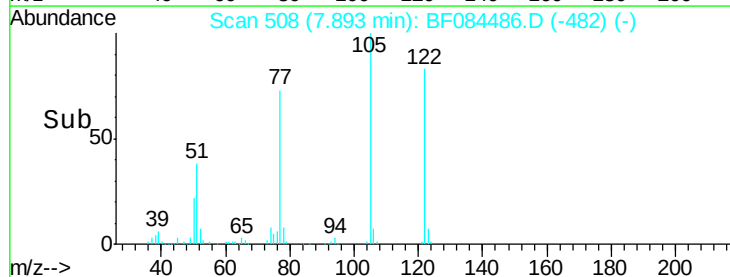
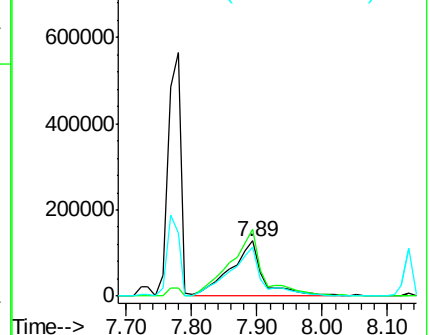
77 88.2 63.5 103.5

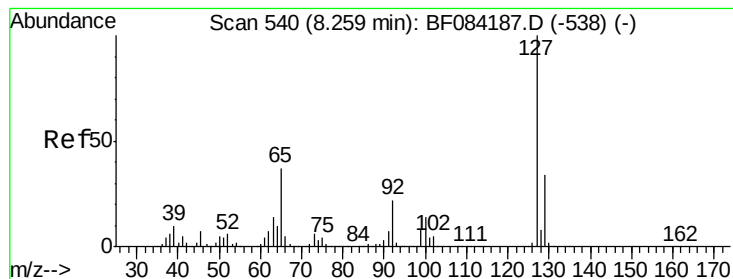


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.25 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 1050206

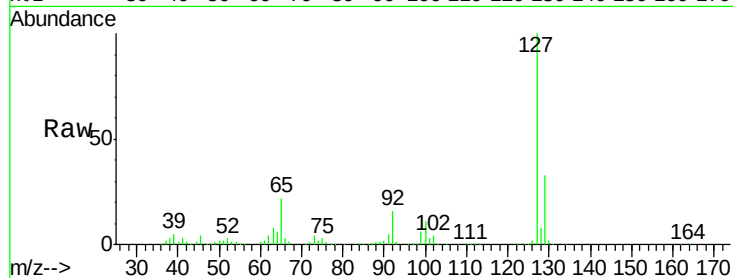
Ion Ratio Lower Upper

127 100

129 33.0 26.5 39.7

65 22.4 27.2 40.8#

92 16.4 17.7 26.5#

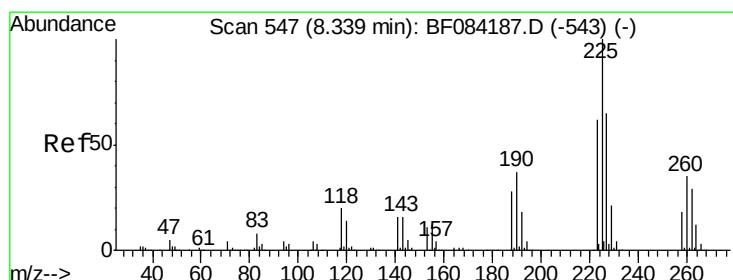
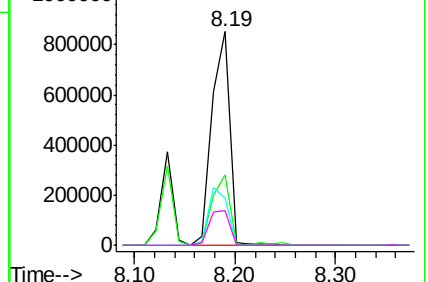
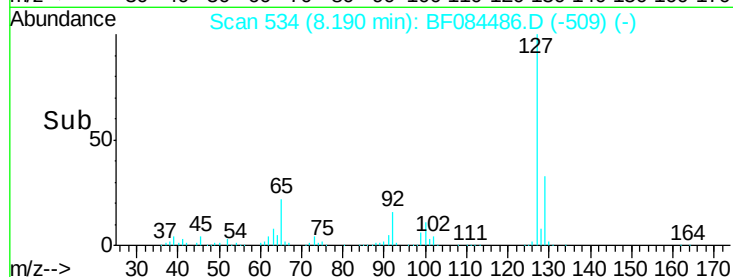


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.13 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

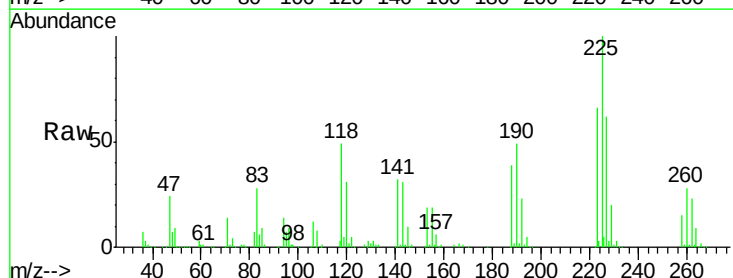
Tgt Ion:225 Resp: 377235

Ion Ratio Lower Upper

225 100

223 65.9 49.4 74.0

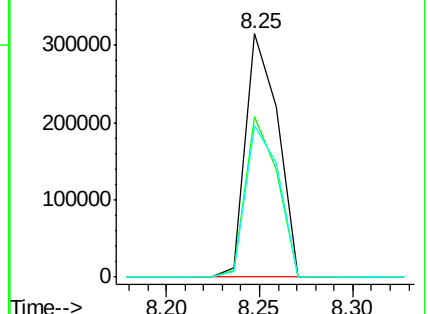
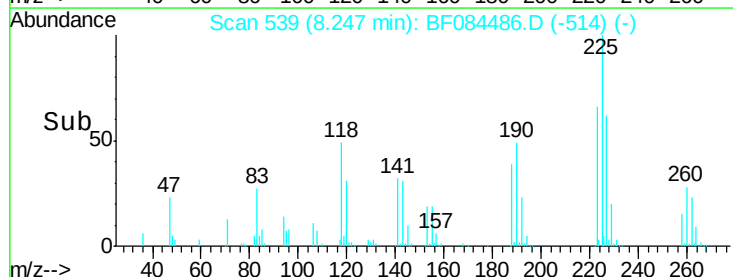
227 62.0 50.8 76.2

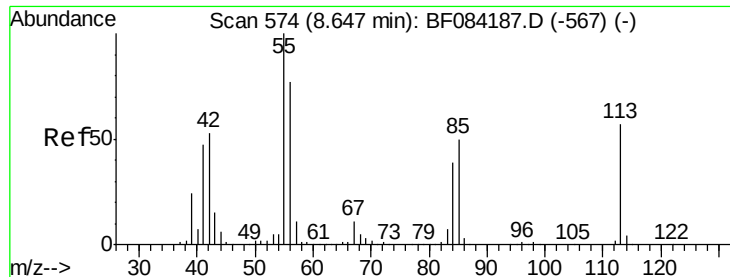


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

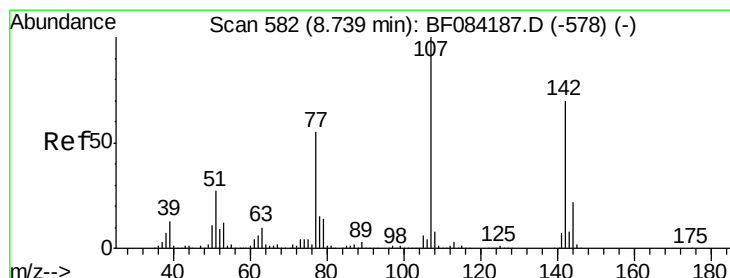
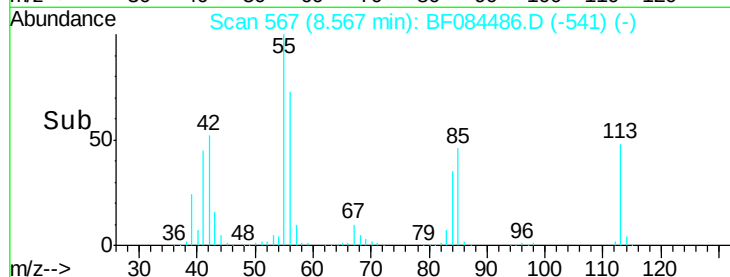
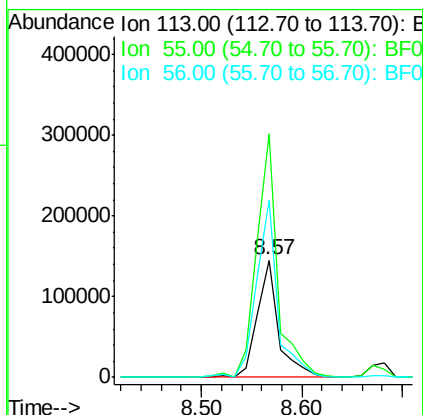
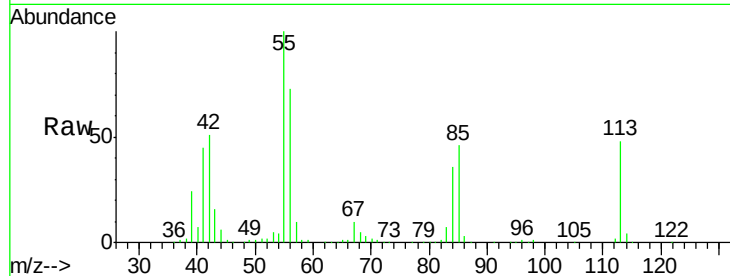




#35
 Caprolactam
 Concen: 36.95 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

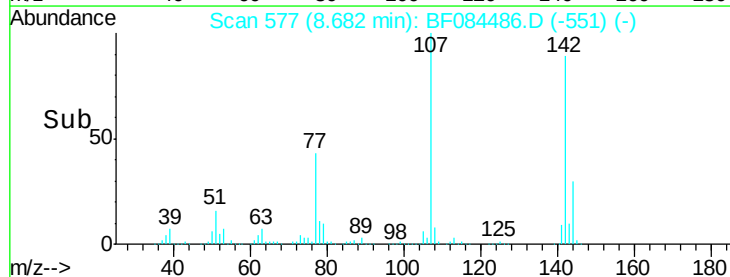
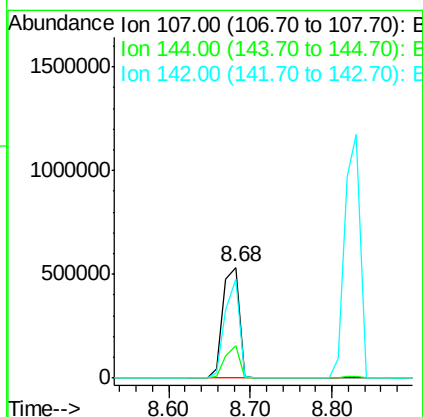
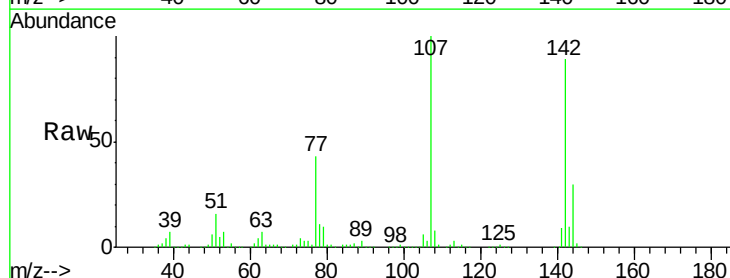
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

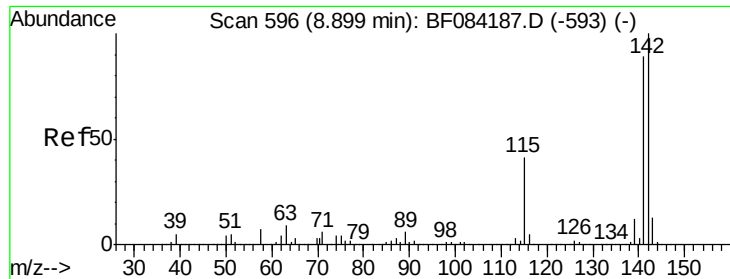
Tot Ion:113 Resp: 213236
 Ion Ratio Lower Upper
 113 100
 55 208.3 116.9 156.9#
 56 151.2 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.53 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:107 Resp: 738824
 Ion Ratio Lower Upper
 107 100
 144 29.7 19.7 29.5#
 142 89.1 61.8 92.6

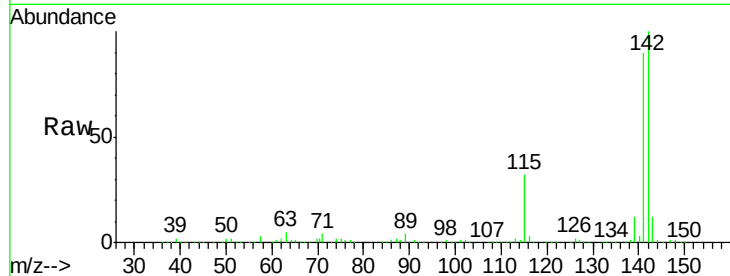




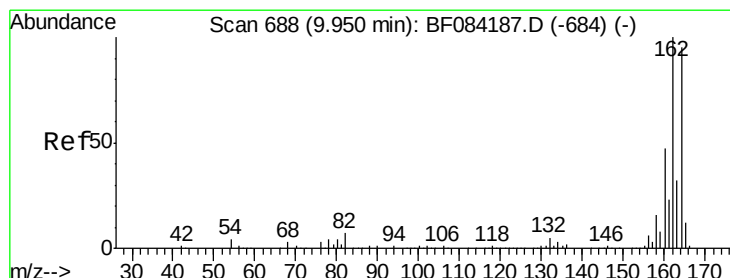
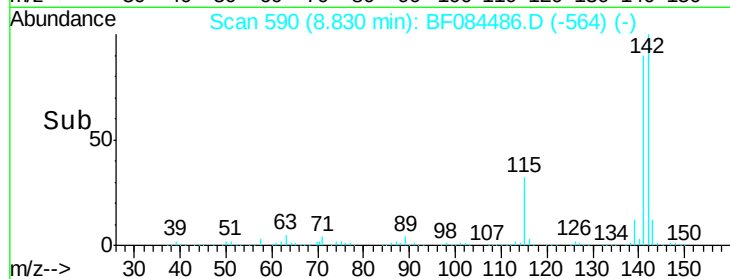
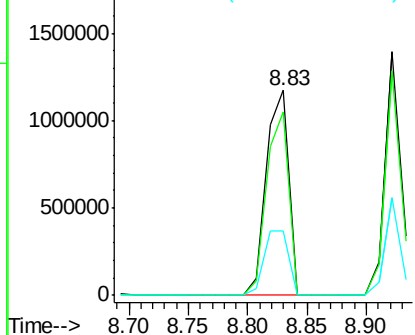
#37
2-Methylnaphthalene
Concen: 38.74 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1544411
Ion Ratio Lower Upper
142 100
141 89.7 72.4 108.6
115 31.6 27.9 41.9

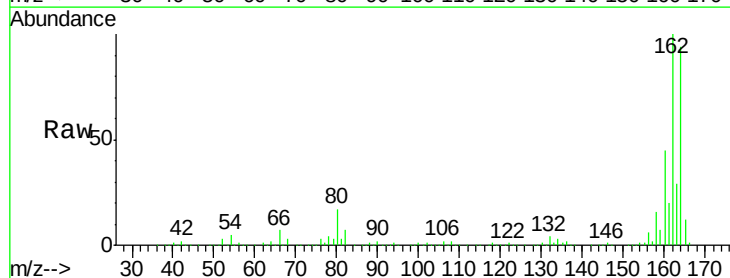


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

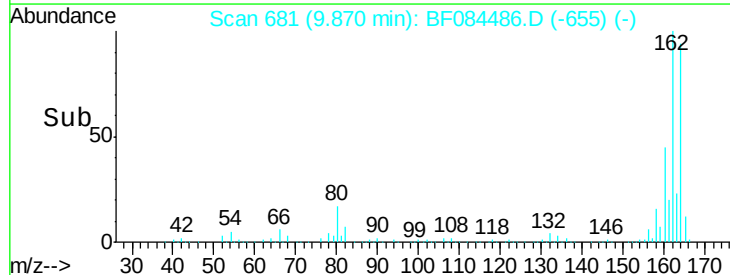
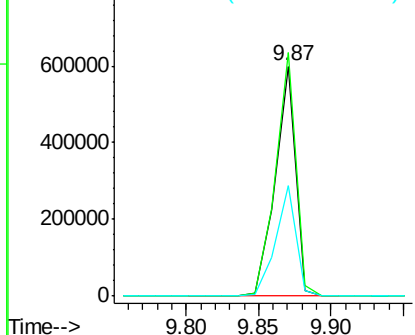


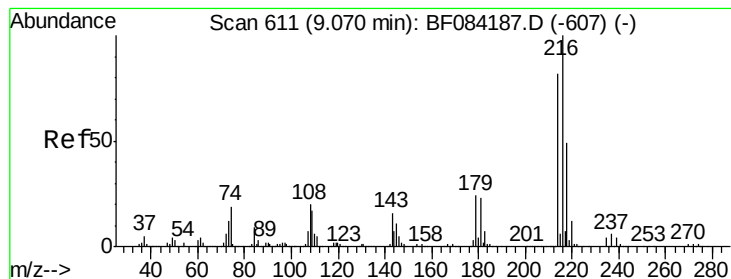
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion:164 Resp: 581860
Ion Ratio Lower Upper
164 100
162 106.1 85.1 127.7
160 48.0 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: 37.57 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 628411

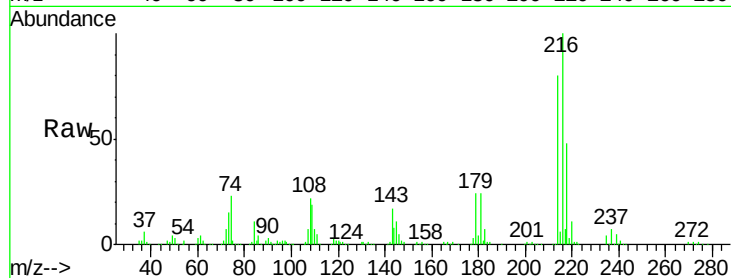
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 23.4 18.7 28.1

108 22.9 16.8 25.2

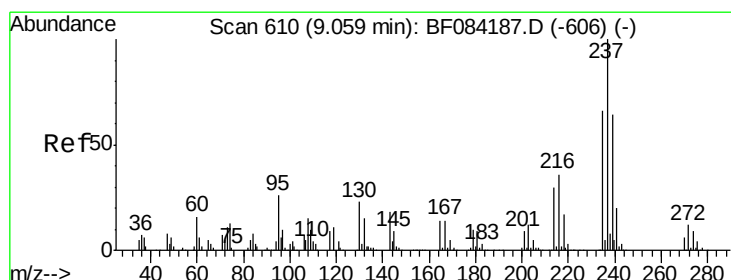
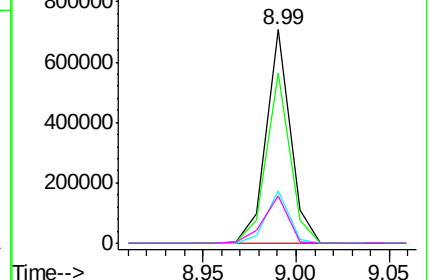
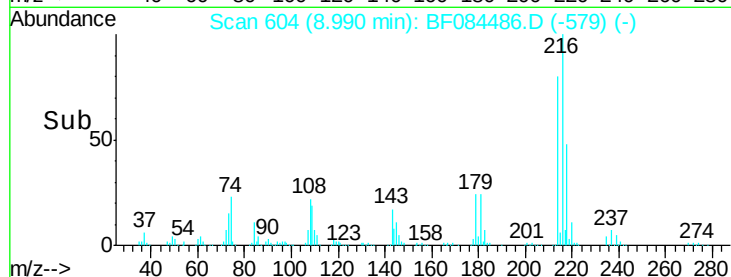


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.99 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

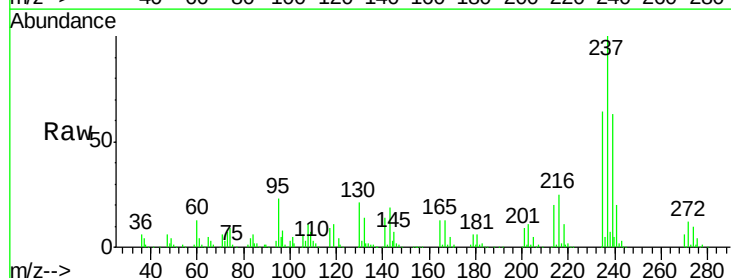
Tgt Ion:237 Resp: 333130

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

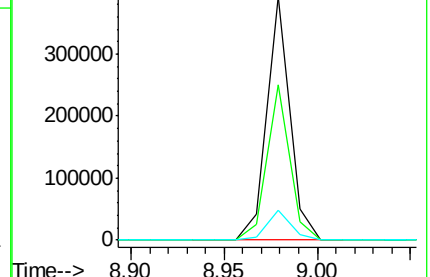
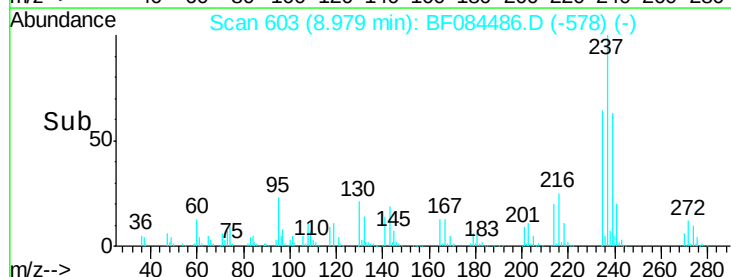
272 12.3 0.0 35.1

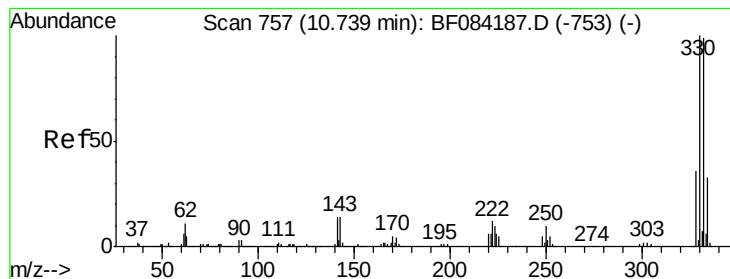


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

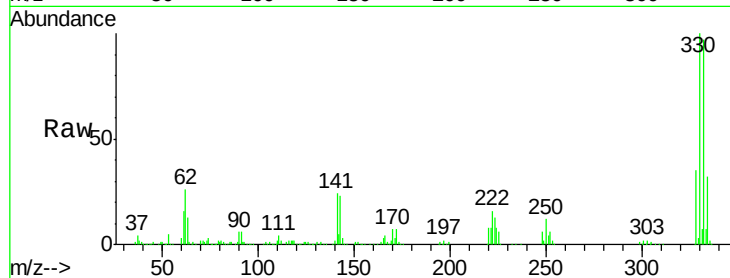




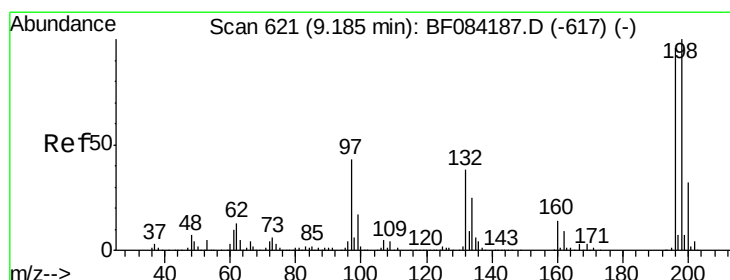
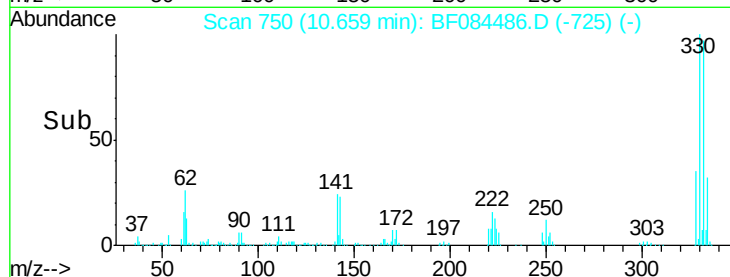
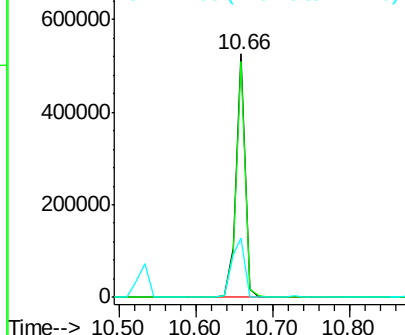
#41
 2,4,6-Tribromophenol
 Concen: 77.19 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 453439
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 34.7 27.8 41.6

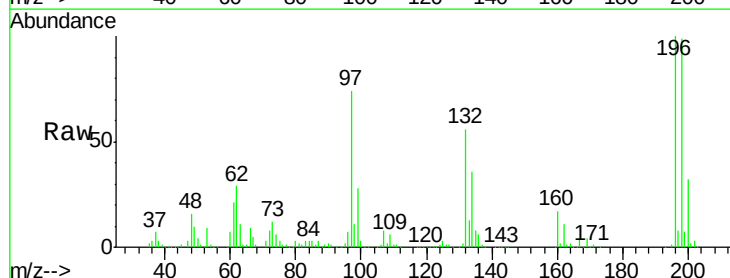


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

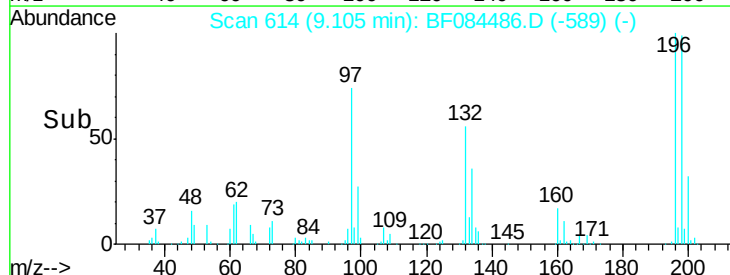
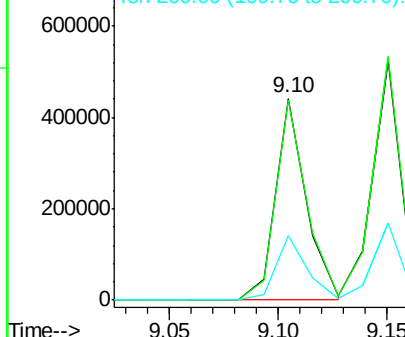


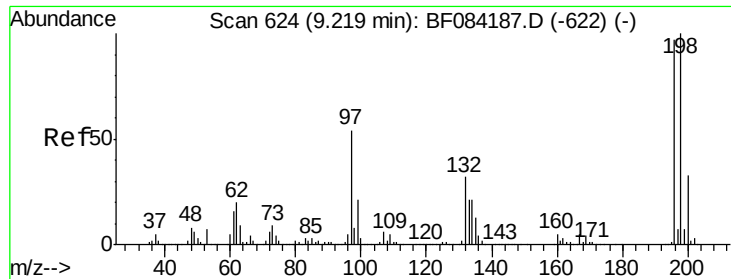
#42
 2,4,6-Trichlorophenol
 Concen: 35.10 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:196 Resp: 439211
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.7 116.5
 200 32.2 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

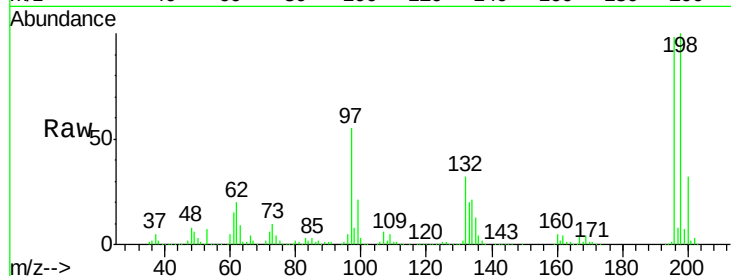




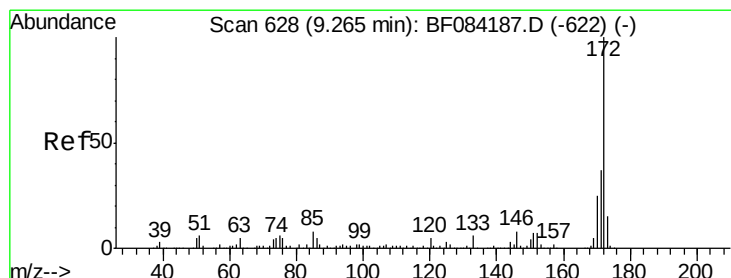
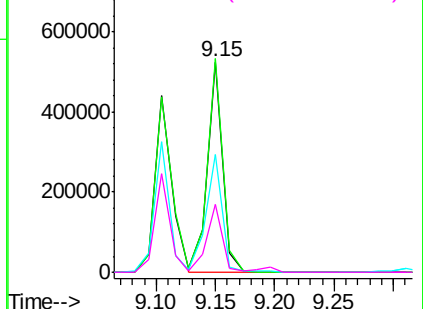
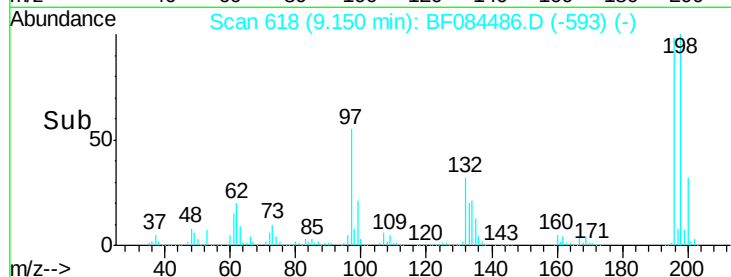
#43
 2,4,5-Trichlorophenol
 Concen: 39.31 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 471643
 Ion Ratio Lower Upper
 196 100
 198 101.5 79.0 118.6
 97 56.3 33.0 49.6#
 132 32.1 21.1 31.7#

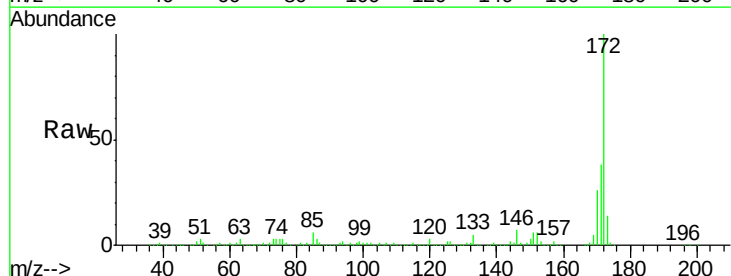


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

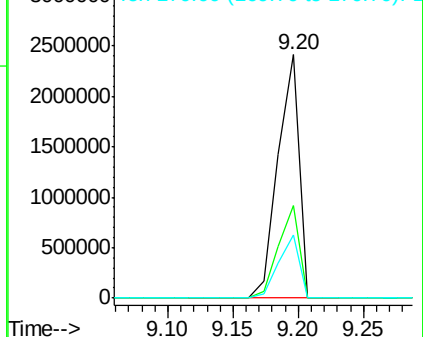
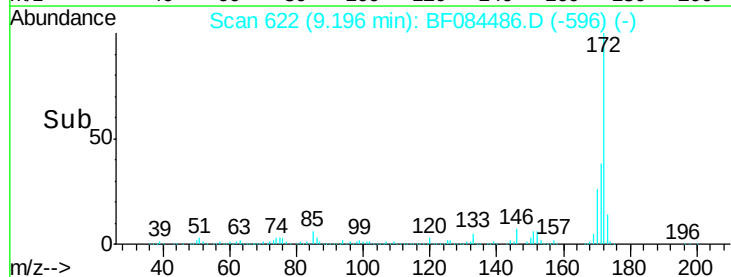


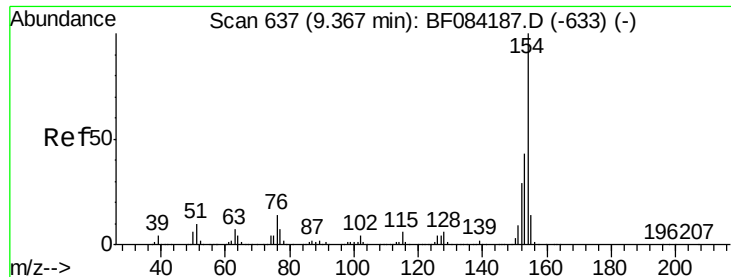
#44
 2-Fluorobiphenyl
 Concen: 83.46 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:172 Resp: 2764279
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 25.8 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: 37.64 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

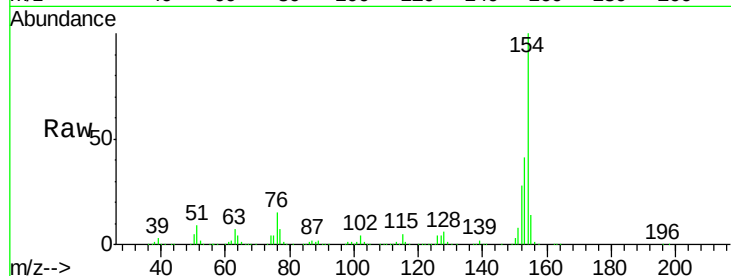
Tot Ion:154 Resp: 1740809

Ion Ratio Lower Upper

154 100

153 40.8 21.6 61.6

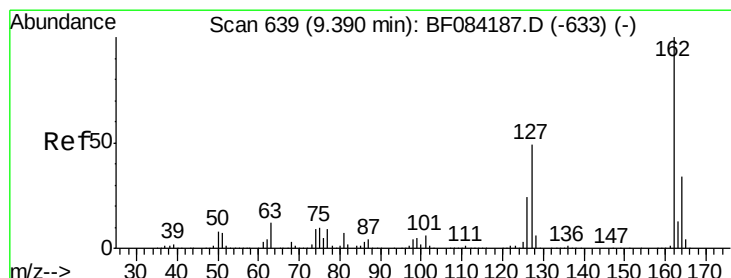
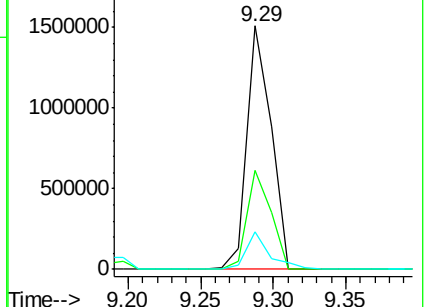
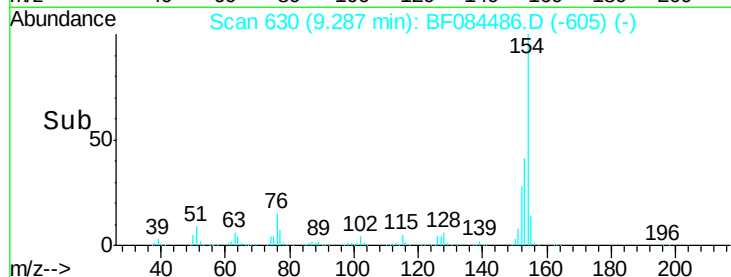
76 15.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.91 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

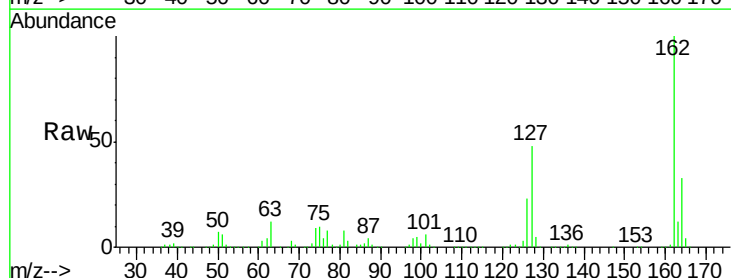
Tgt Ion:162 Resp: 1340818

Ion Ratio Lower Upper

162 100

127 48.0 40.2 60.4

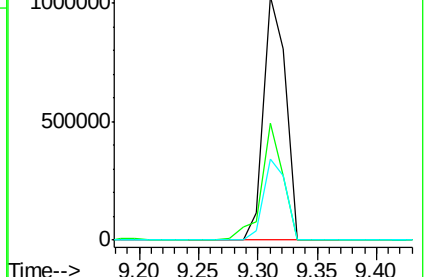
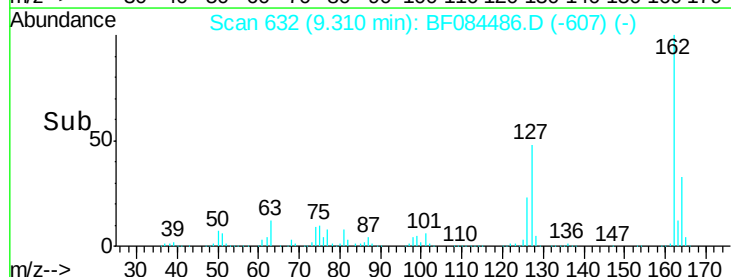
164 33.2 25.7 38.5

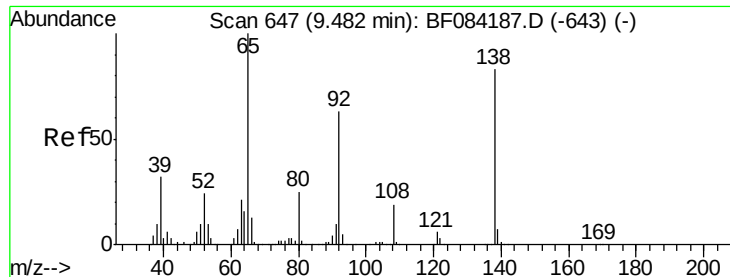


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

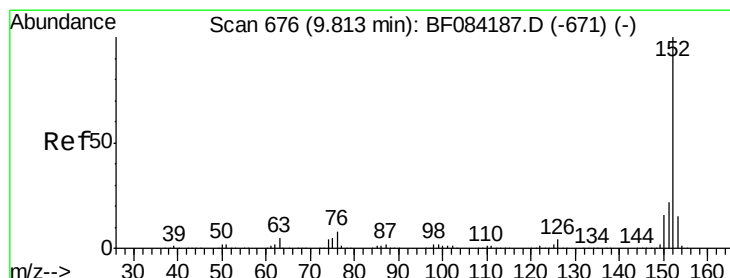
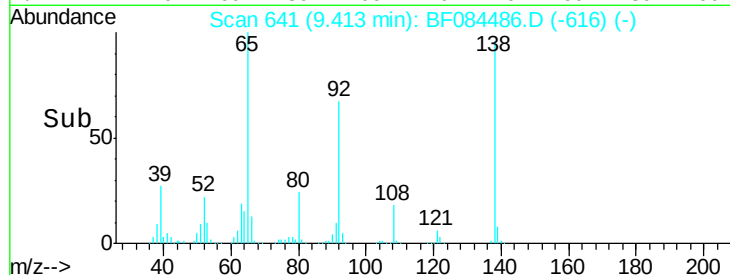
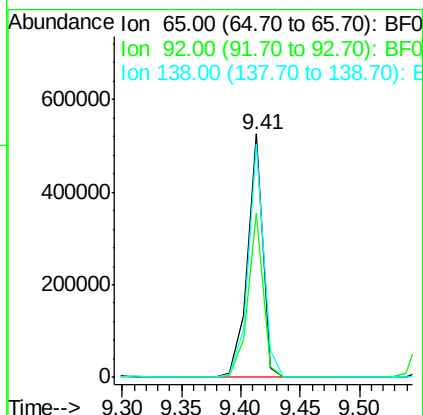
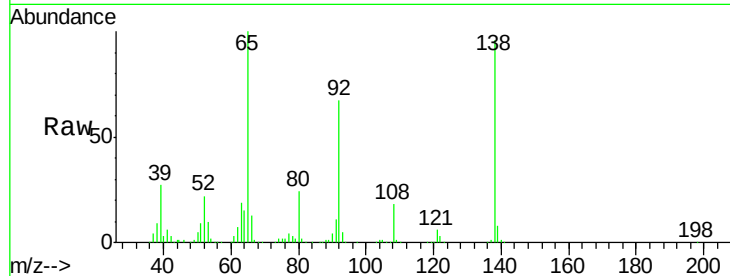




#47
2-Nitroaniline
Concen: 39.61 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

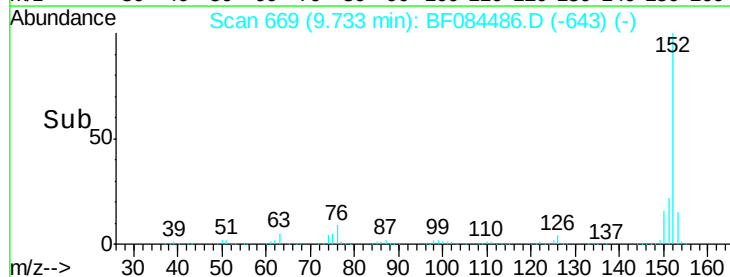
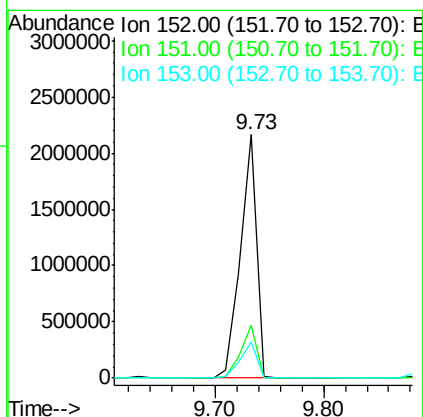
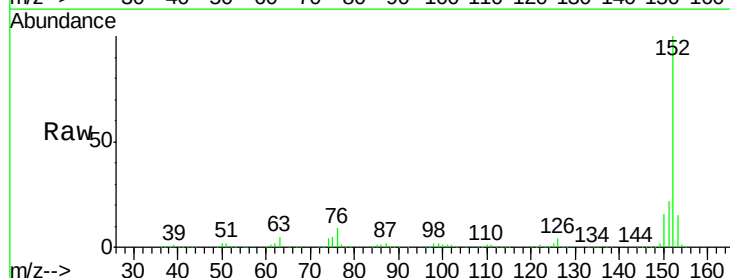
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

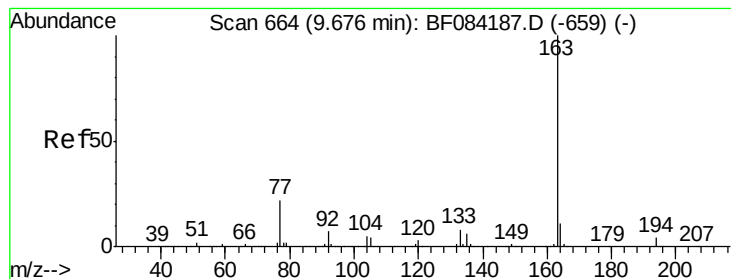
Tot Ion: 65 Resp: 474912
Ion Ratio Lower Upper
65 100
92 67.4 53.4 80.2
138 95.9 71.1 106.7



#48
Acenaphthylene
Concen: 40.68 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion: 152 Resp: 2183156
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 14.8 10.4 15.6





#49

Dimethylphthalate

Concen: 34.78 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

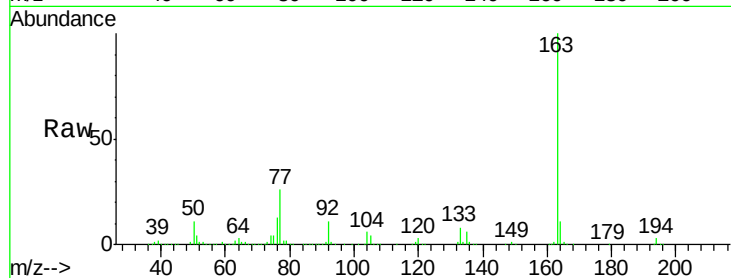
Tot Ion:163 Resp: 1446689

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

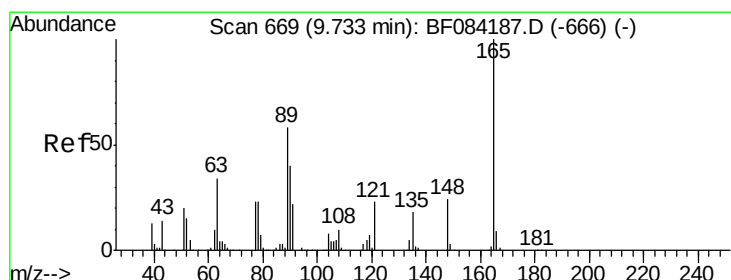
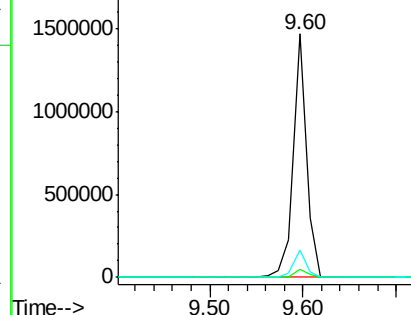
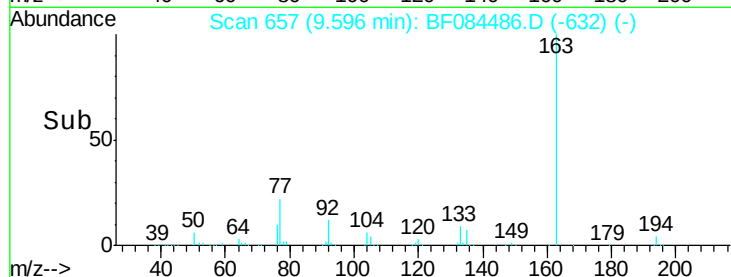
164 11.0 8.0 12.0



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: 37.34 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

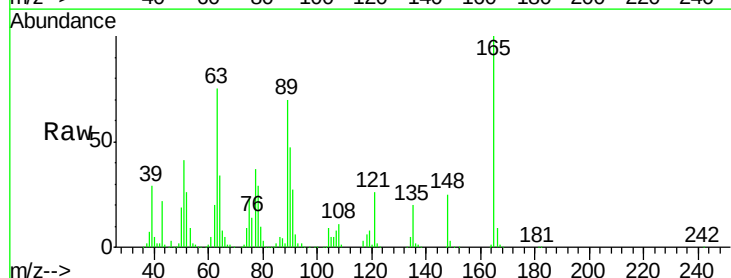
Tgt Ion:165 Resp: 340643

Ion Ratio Lower Upper

165 100

63 74.8 28.8 43.2#

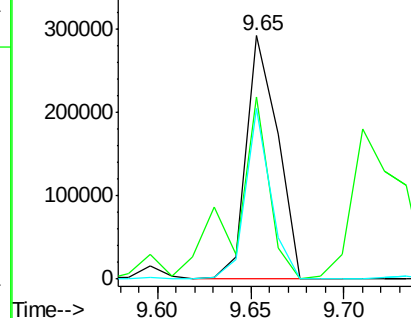
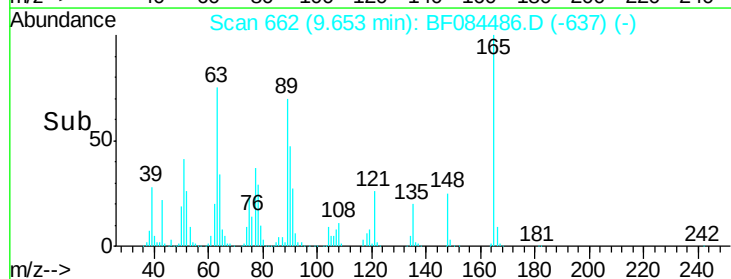
89 70.0 35.1 52.7#

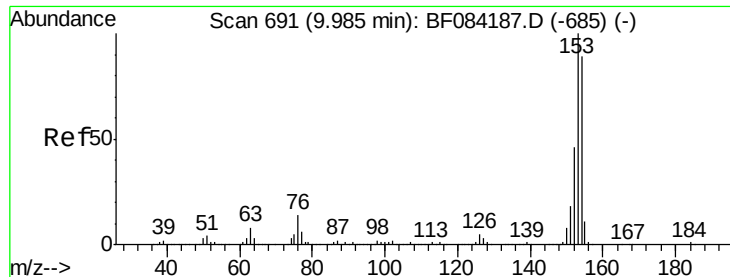


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.07 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

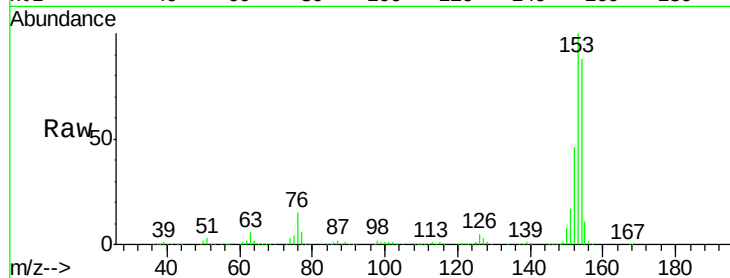
Tot Ion:154 Resp: 1478476

Ion Ratio Lower Upper

154 100

153 113.9 91.5 137.3

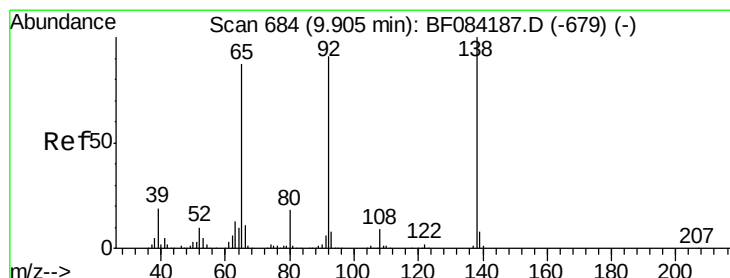
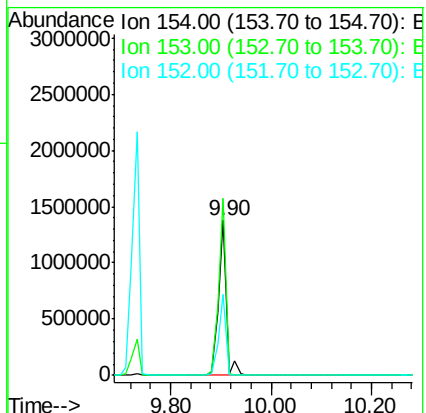
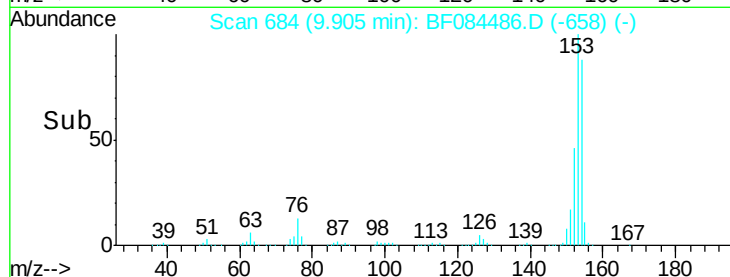
152 52.5 43.0 64.6



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: 34.86 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

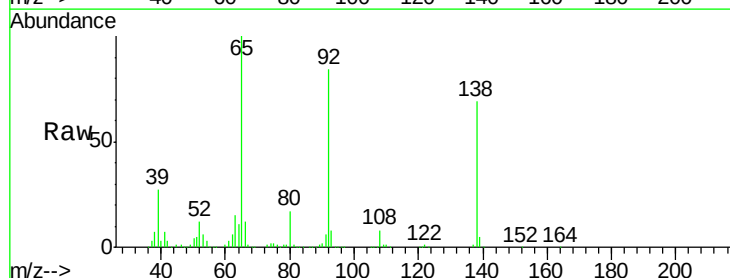
Tgt Ion:138 Resp: 394078

Ion Ratio Lower Upper

138 100

108 11.0 10.5 15.7

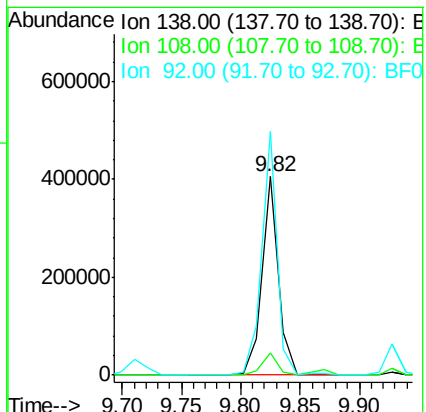
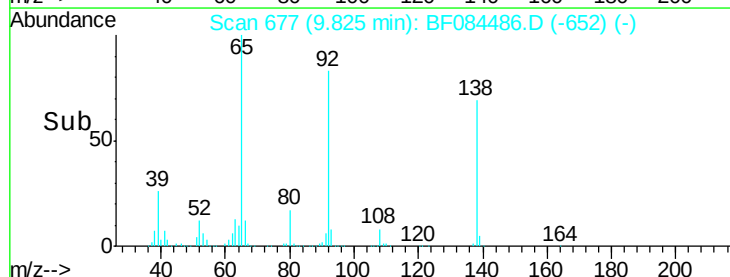
92 122.8 103.9 155.9

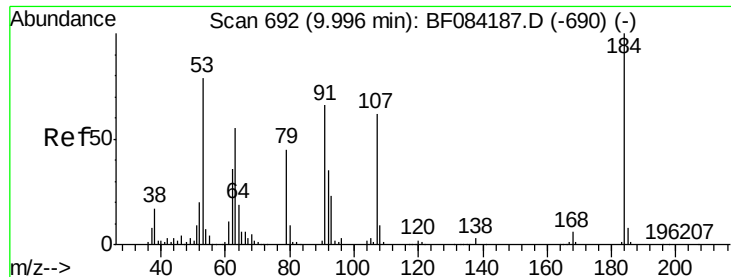


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

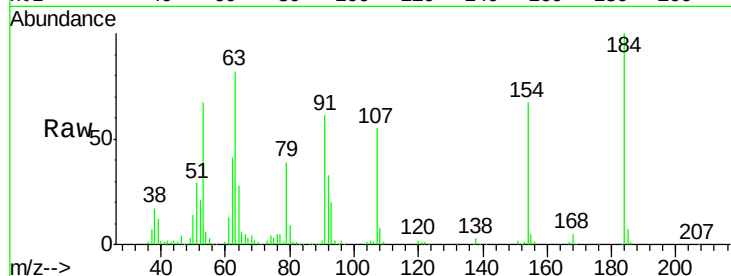




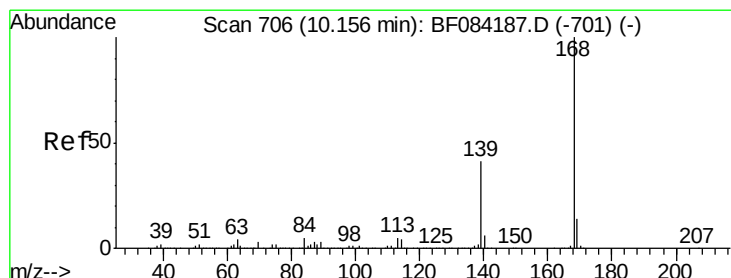
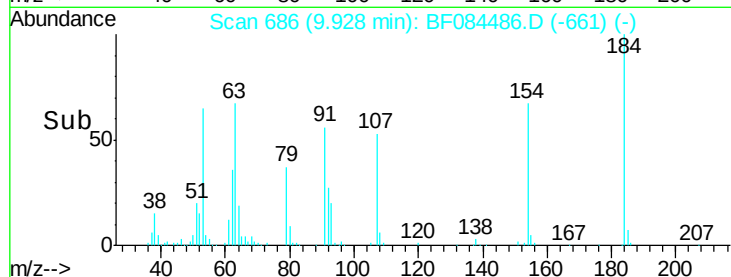
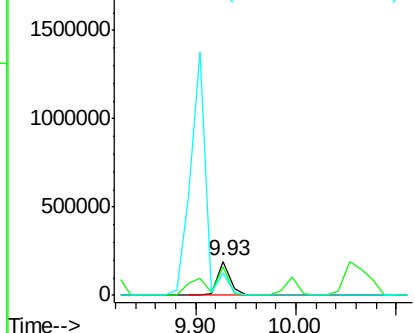
#53
2,4-Dinitrophenol
Concen: 46.90 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 176299
Ion Ratio Lower Upper
184 100
63 82.4 43.1 64.7#
154 66.9 60.5 90.7

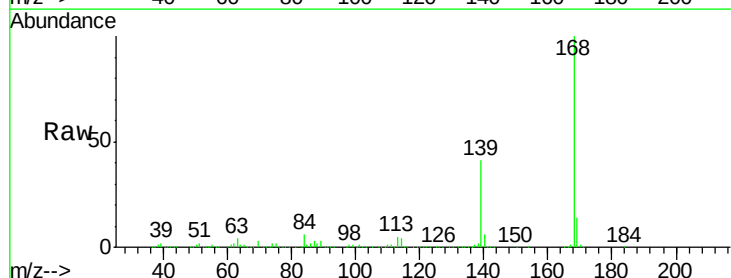


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

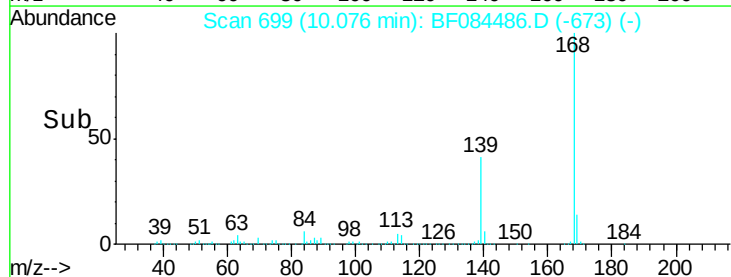
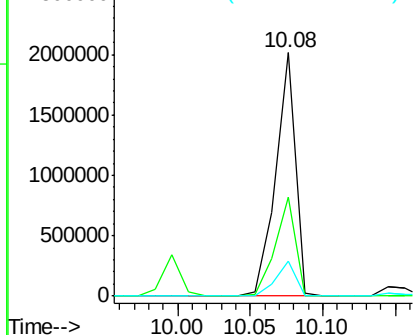


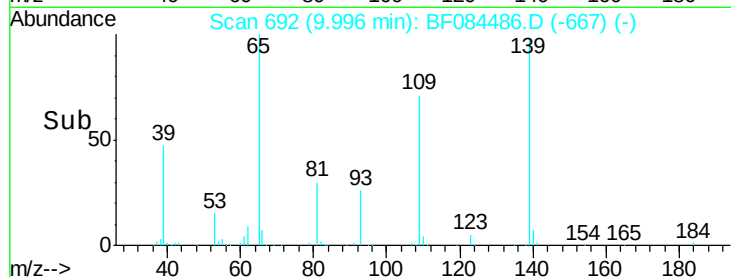
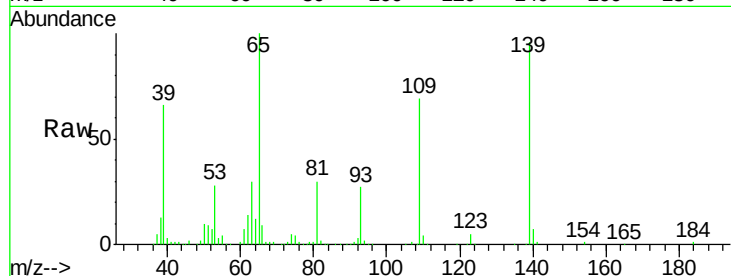
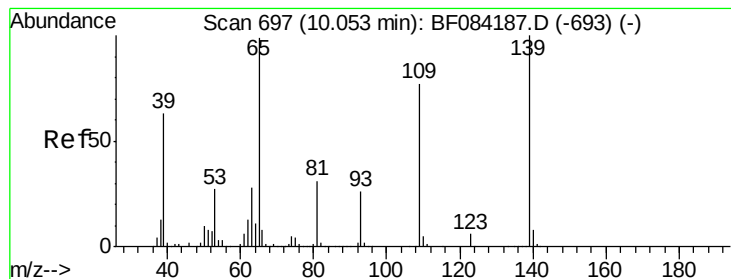
#54
Dibenzofuran
Concen: 40.55 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion:168 Resp: 1904402
Ion Ratio Lower Upper
168 100
139 40.6 30.5 45.7
169 14.2 10.4 15.6



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





#55

4-Nitrophenol

Concen: 36.87 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

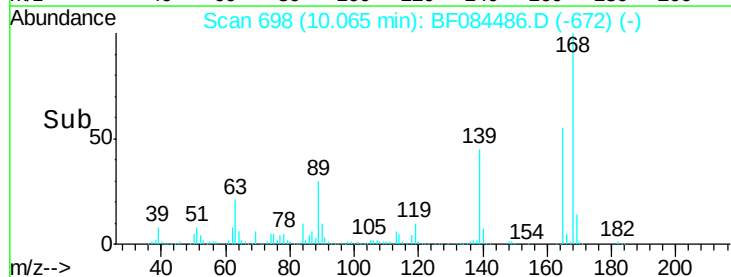
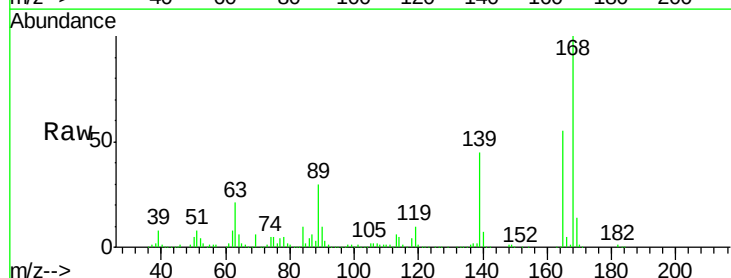
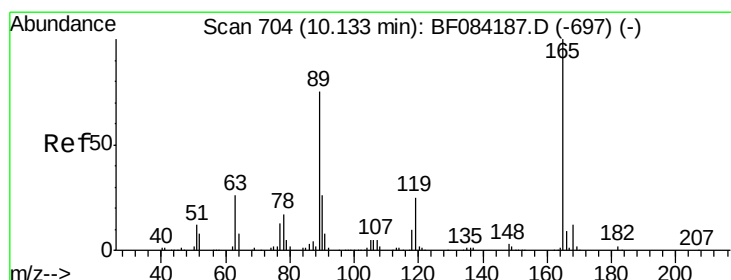
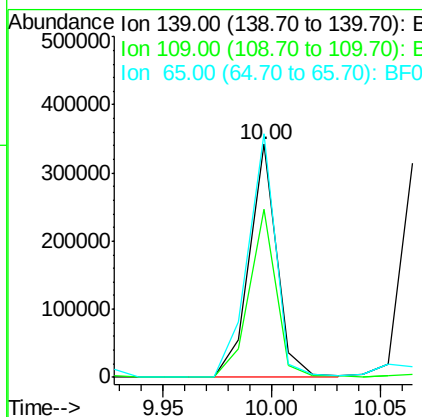
Tot Ion:139 Resp: 302527

Ion Ratio Lower Upper

139 100

109 72.2 58.5 98.5

65 104.5 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 42.16 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Tgt Ion:165 Resp: 486816

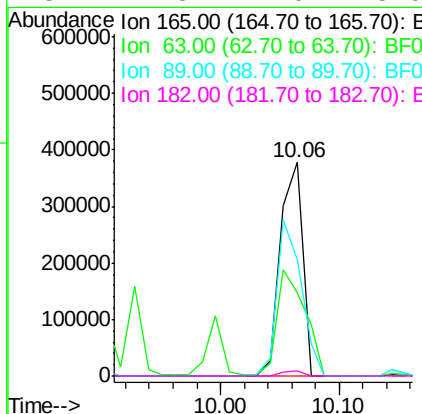
Ion Ratio Lower Upper

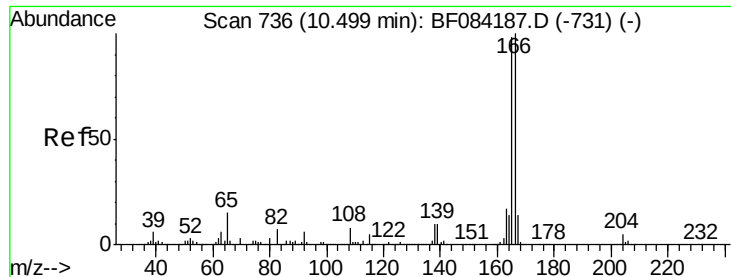
165 100

63 39.1 36.7 55.1

89 54.3 61.9 92.9#

182 2.3 2.0 3.0





#57

Fluorene

Concen: 40.69 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

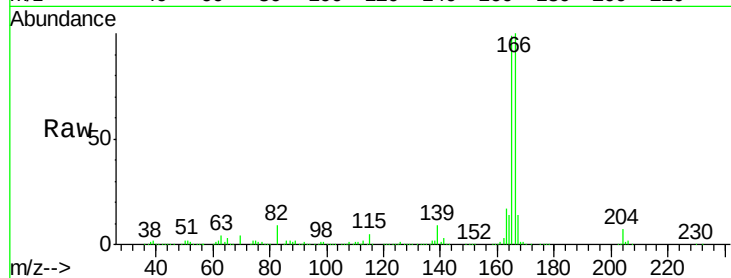
Tot Ion:166 Resp: 1475132

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

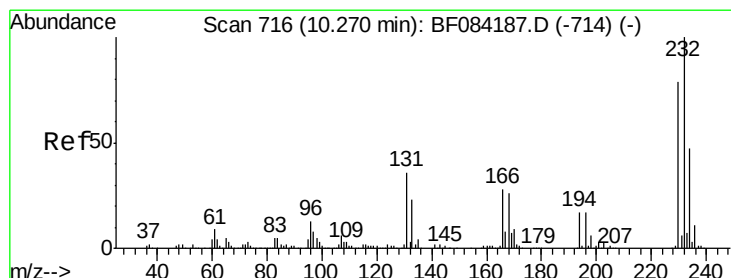
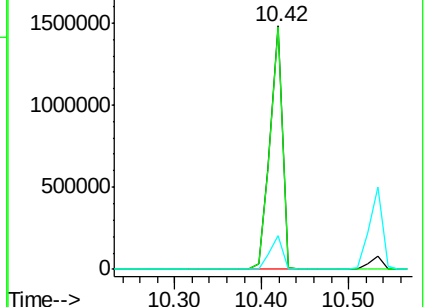
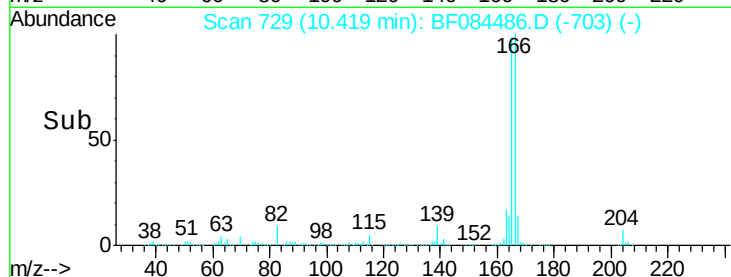
167 14.0 10.4 15.6



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: 35.72 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Tgt Ion:232 Resp: 365863

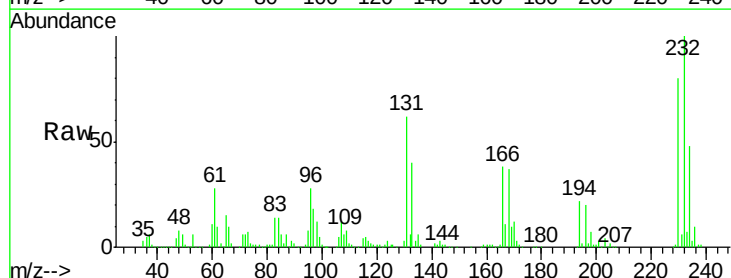
Ion Ratio Lower Upper

232 100

131 50.8 47.0 70.6

130 2.3 2.0 3.0

166 32.5 30.5 45.7

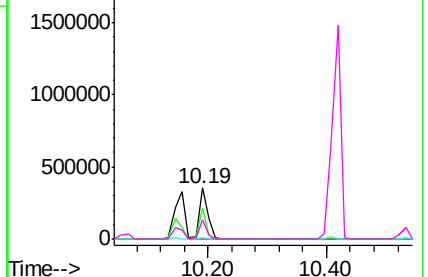
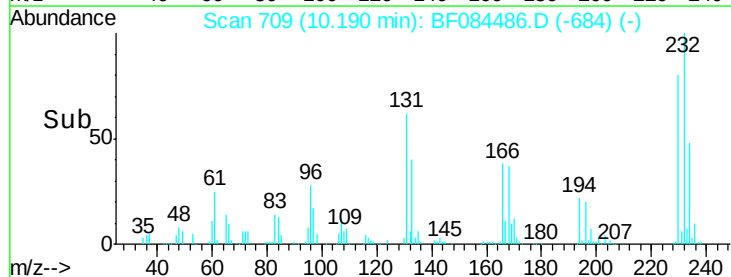


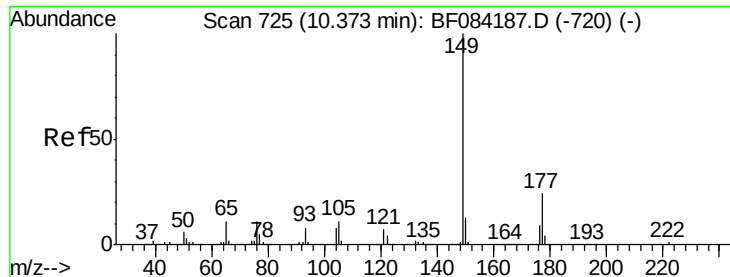
Abundance Ion 232.00 (231.70 to 232.70): E

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

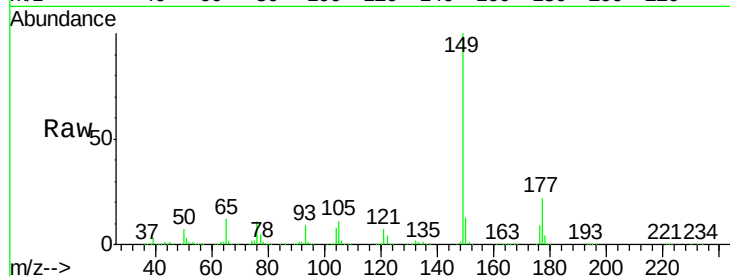




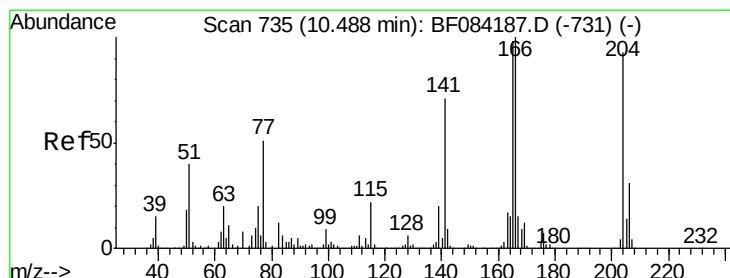
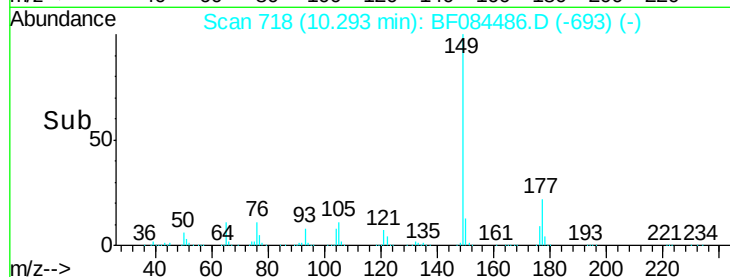
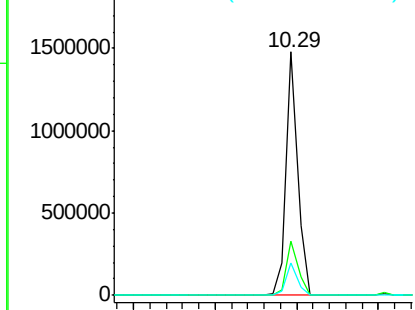
#59
Diethylphthalate
Concen: 35.38 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1450947
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 13.4 9.8 14.8

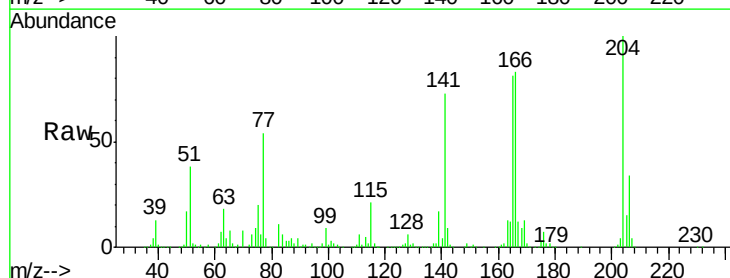


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

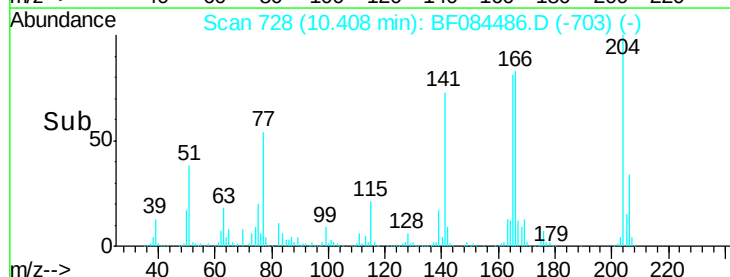
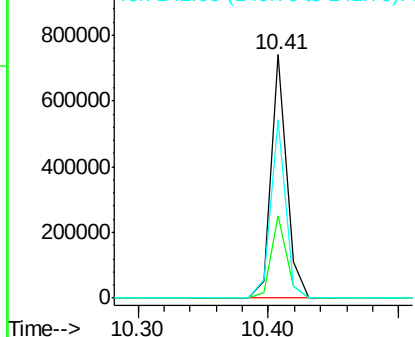


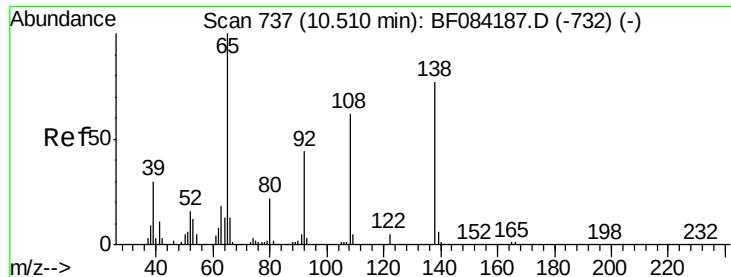
#60
4-Chlorophenyl-phenylether
Concen: 40.04 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion:204 Resp: 622308
Ion Ratio Lower Upper
204 100
206 33.7 25.7 38.5
141 73.4 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

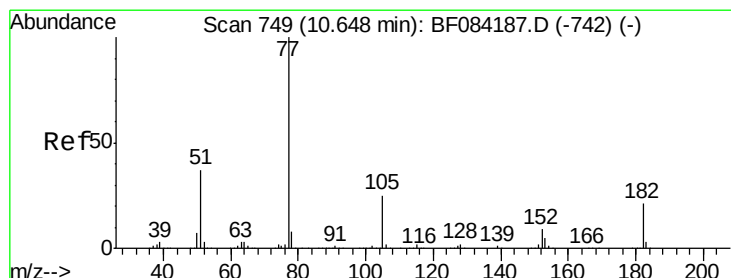
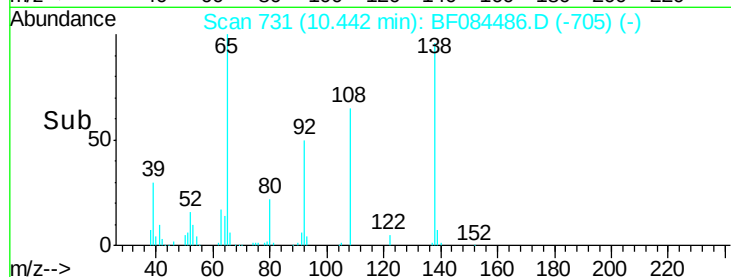
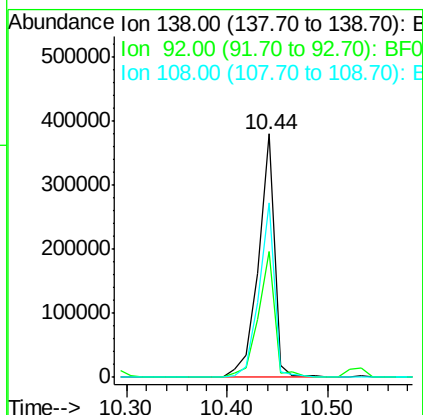
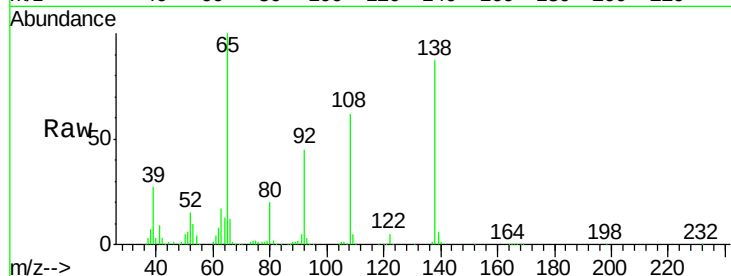




#61
4-Nitroaniline
Concen: 41.97 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

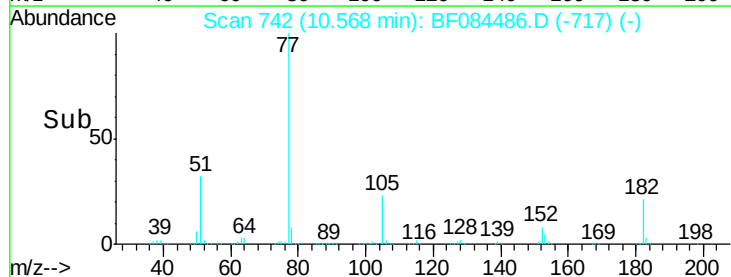
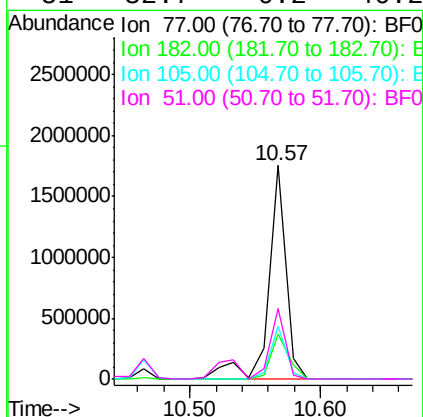
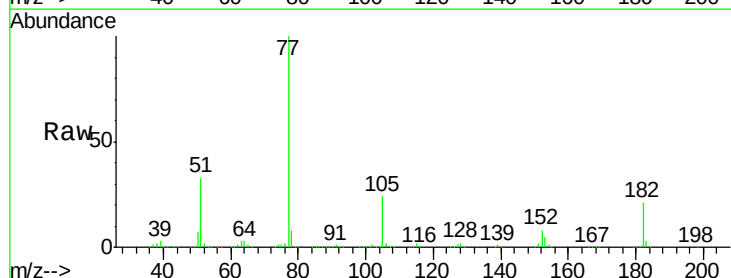
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

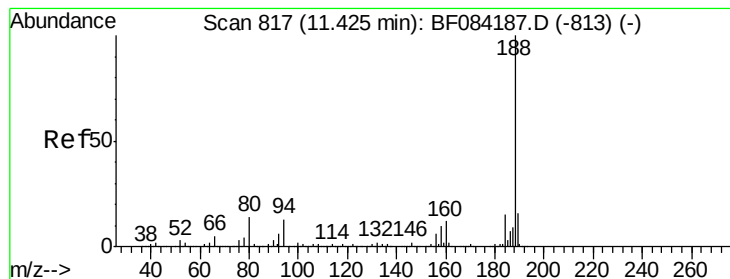
Tot Ion:138 Resp: 422960
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 71.8 68.6 108.6



#62
Azobenzene
Concen: 36.88 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion: 77 Resp: 1658847
Ion Ratio Lower Upper
77 100
182 20.9 8.3 48.3
105 24.5 4.6 44.6
51 32.7 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

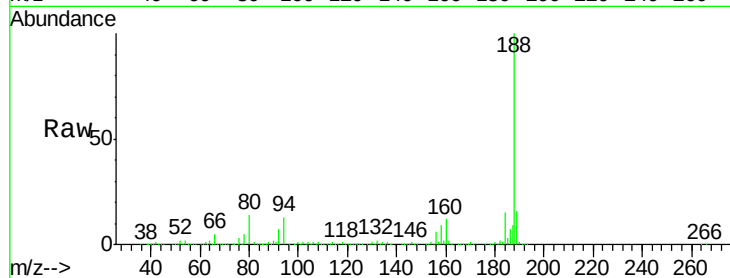
Tot Ion:188 Resp: 1027390

Ion Ratio Lower Upper

188 100

94 13.1 9.0 13.4

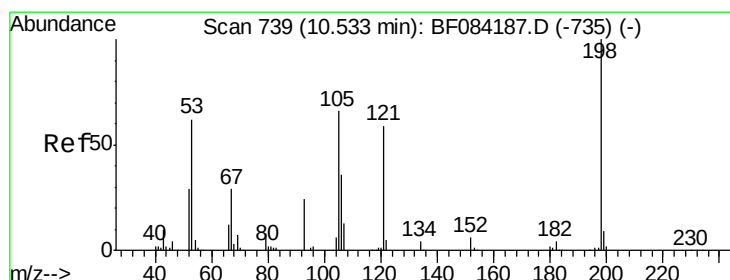
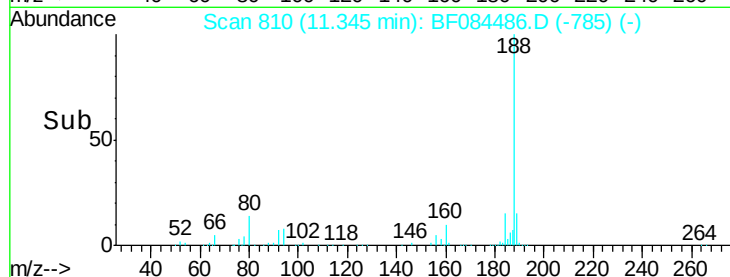
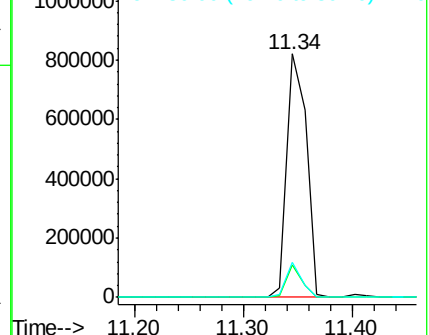
80 14.3 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.16 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

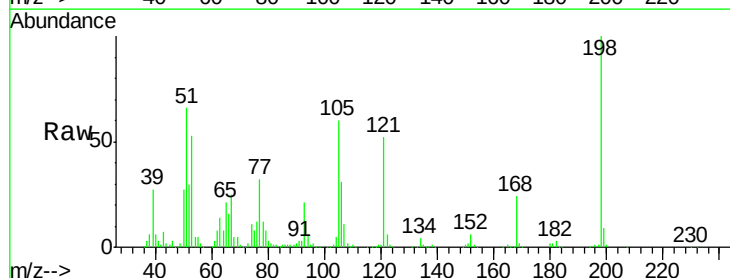
Tgt Ion:198 Resp: 233002

Ion Ratio Lower Upper

198 100

51 66.5 18.9 58.9#

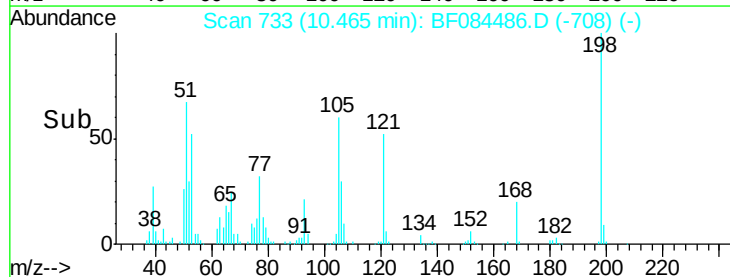
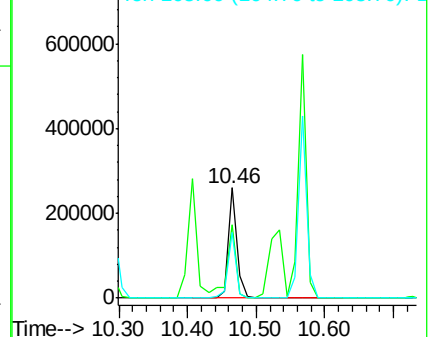
105 59.6 26.4 66.4

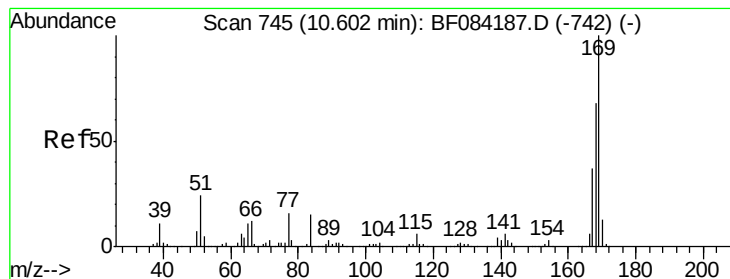


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.25 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

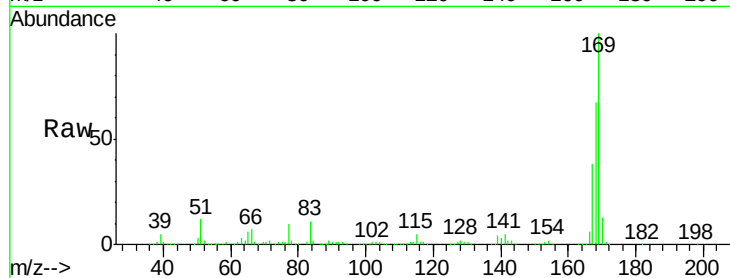
Tot Ion:169 Resp: 1355015

Ion Ratio Lower Upper

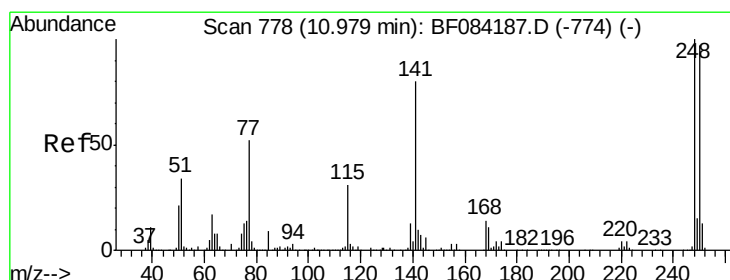
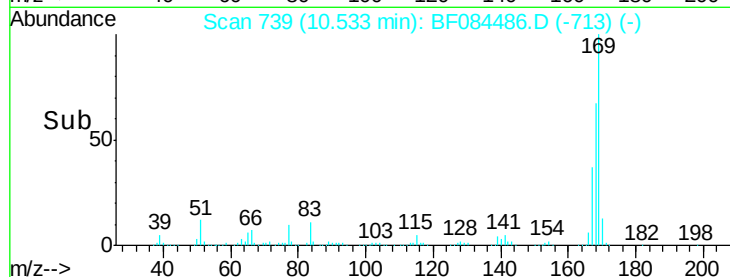
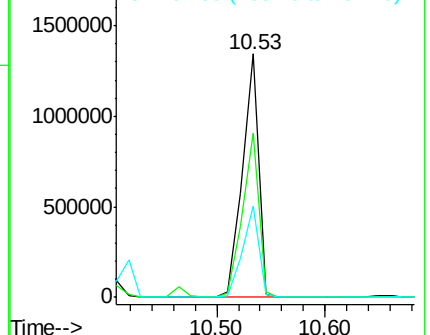
169 100

168 67.3 55.1 82.7

167 37.5 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: 39.90 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

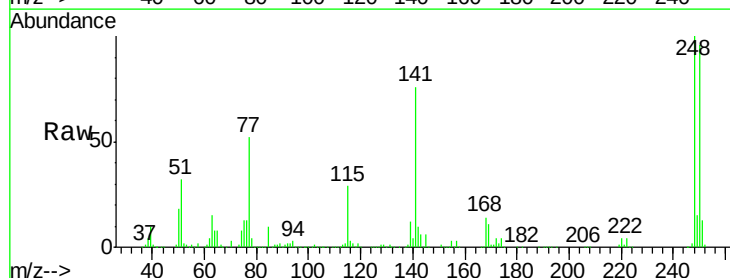
Tgt Ion:248 Resp: 441219

Ion Ratio Lower Upper

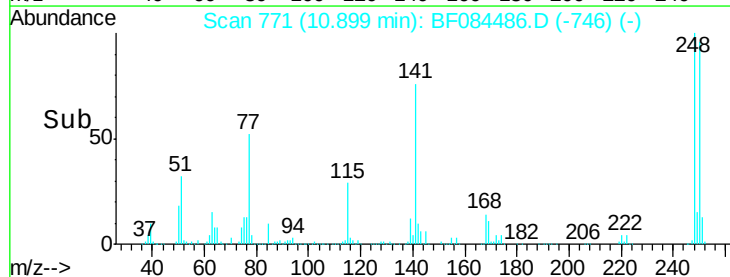
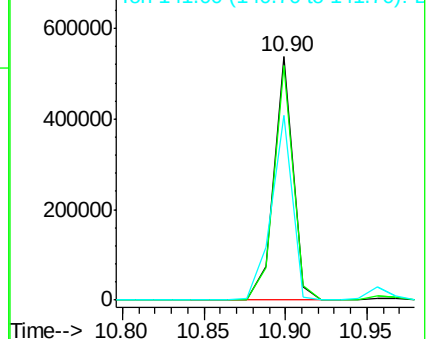
248 100

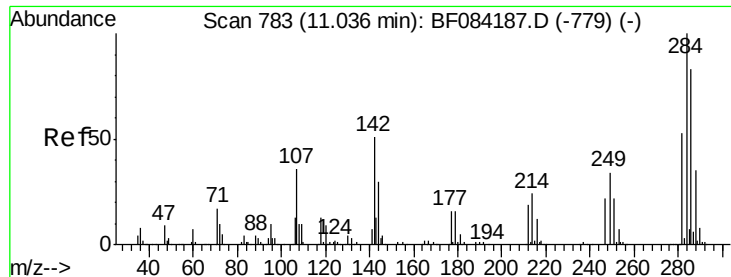
250 96.4 78.4 117.6

141 75.8 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

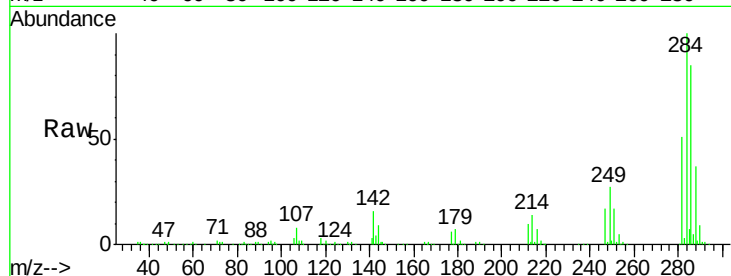




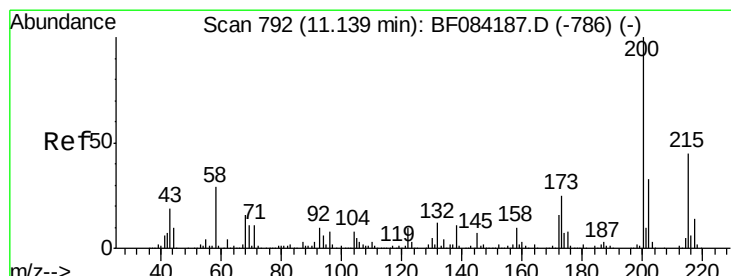
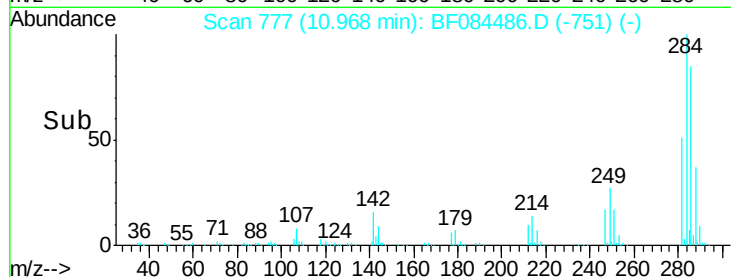
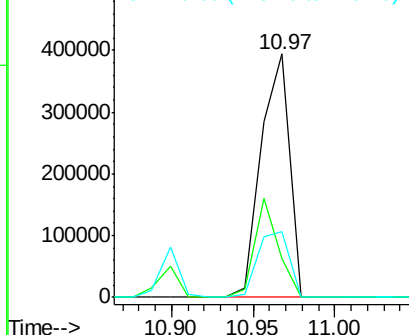
#67
Hexachlorobenzene
Concen: 38.41 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 478095
Ion Ratio Lower Upper
284 100
142 15.7 22.2 33.4#
249 26.8 24.6 37.0

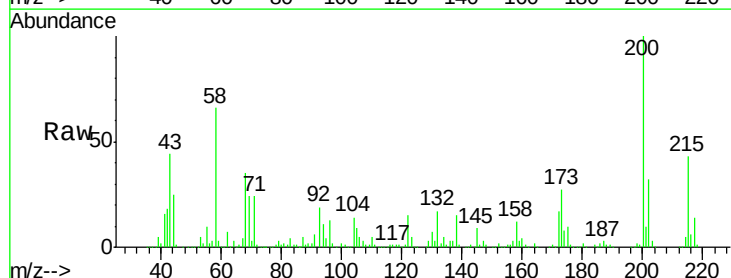


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

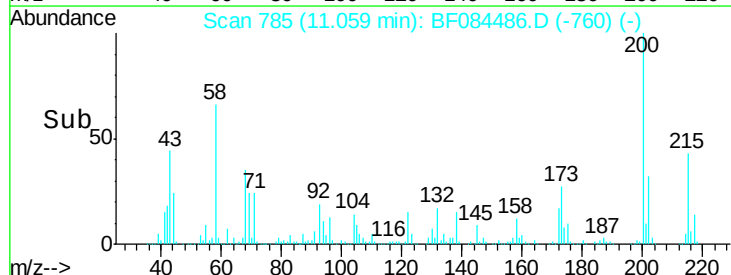
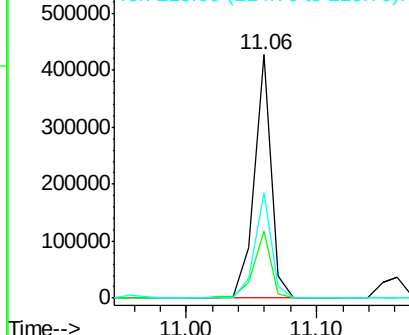


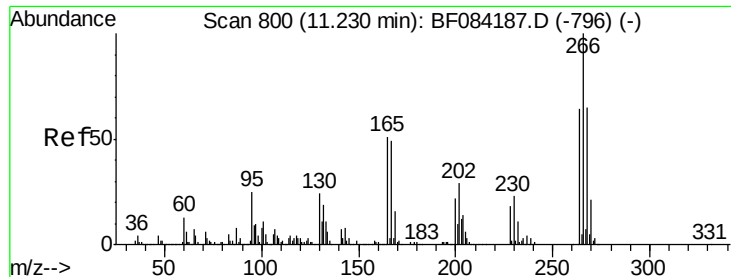
#68
Atrazine
Concen: 35.76 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion:200 Resp: 384444
Ion Ratio Lower Upper
200 100
173 27.4 9.5 49.5
215 43.5 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

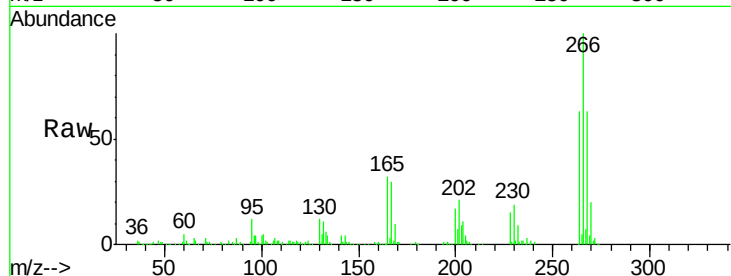




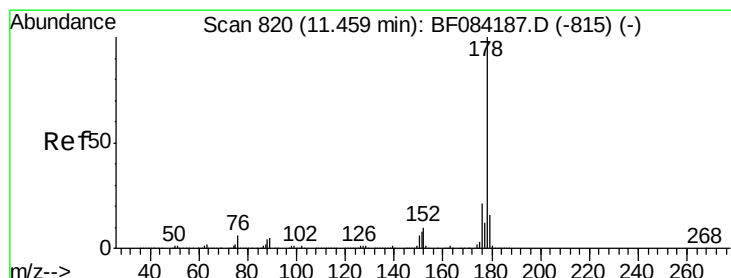
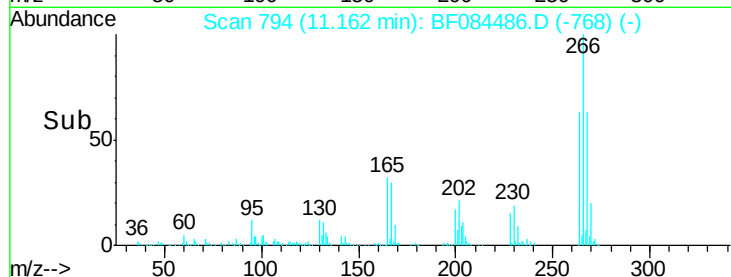
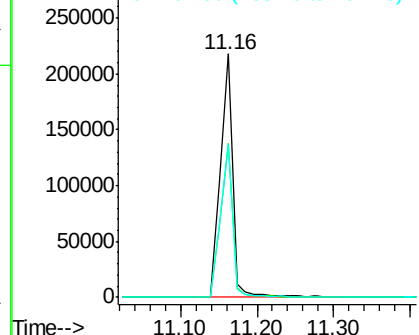
#69
 Pentachlorophenol
 Concen: 37.38 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 241227
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.4 78.6
 264 62.9 50.2 75.2

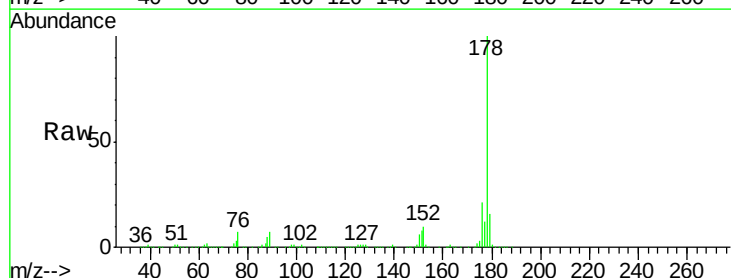


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

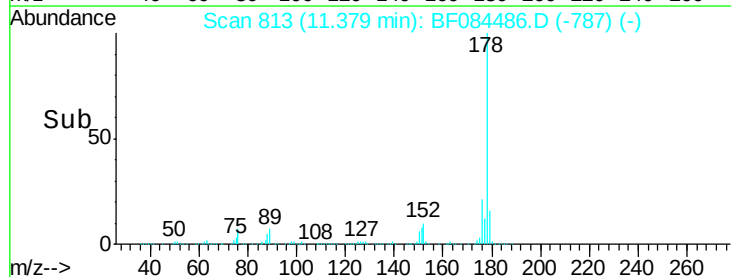
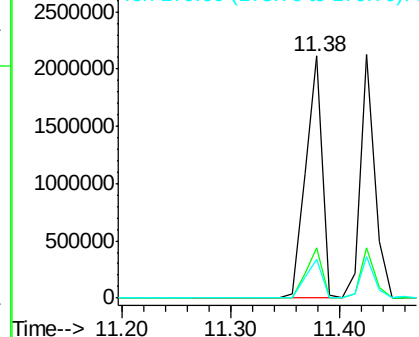


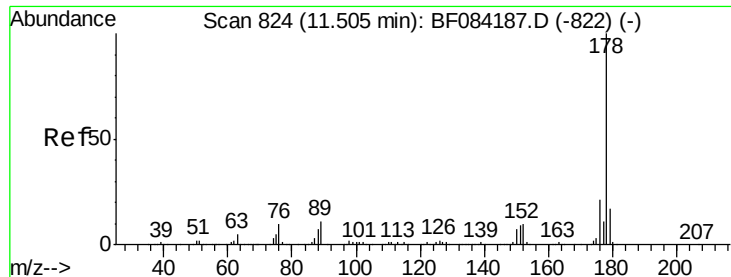
#70
 Phenanthrene
 Concen: 41.81 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:178 Resp: 2246962
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.3 22.9
 179 16.2 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

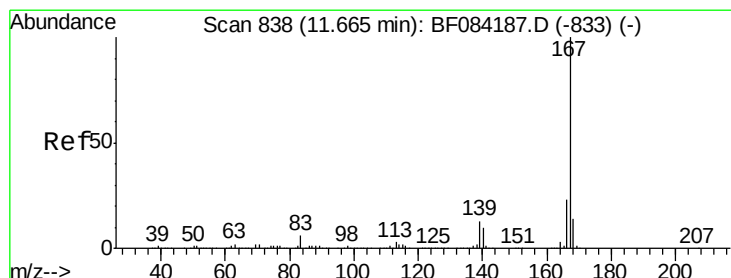
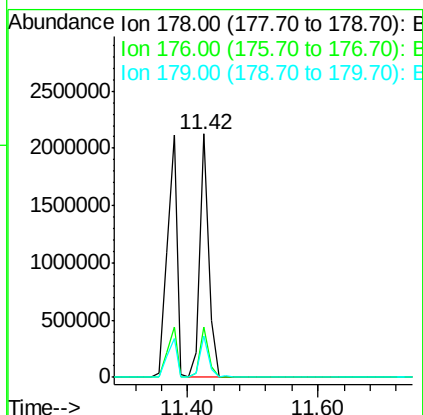
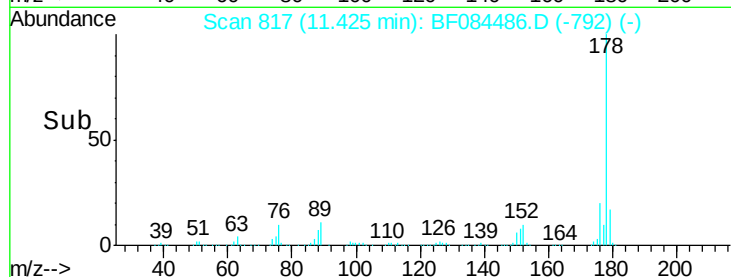
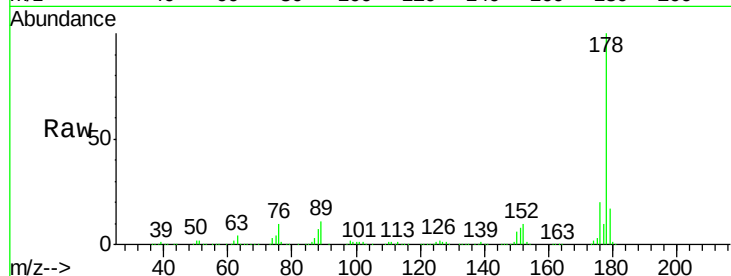




#71
 Anthracene
 Concen: 37.17 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

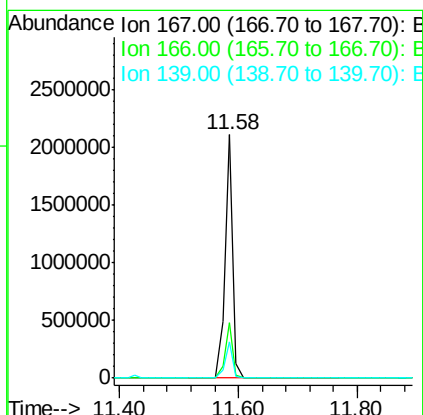
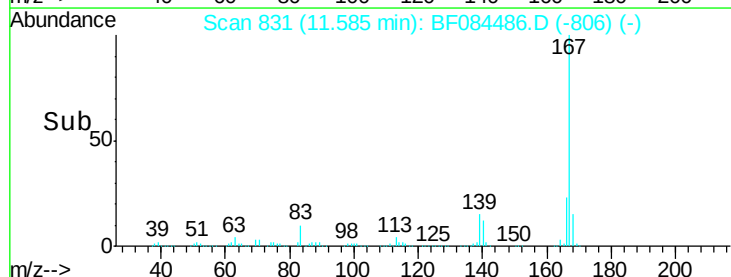
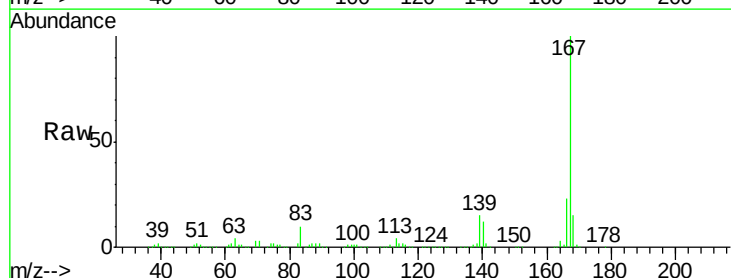
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

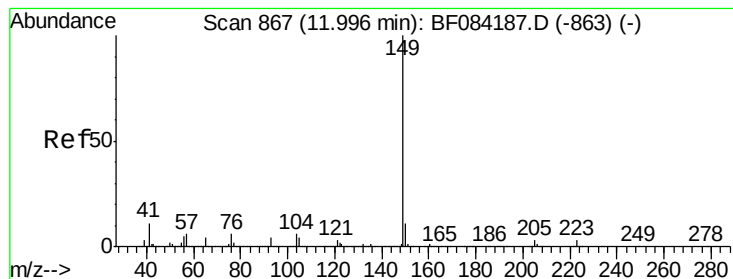
Tot Ion:178 Resp: 1958152
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 36.63 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:167 Resp: 1886705
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 15.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 37.24 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

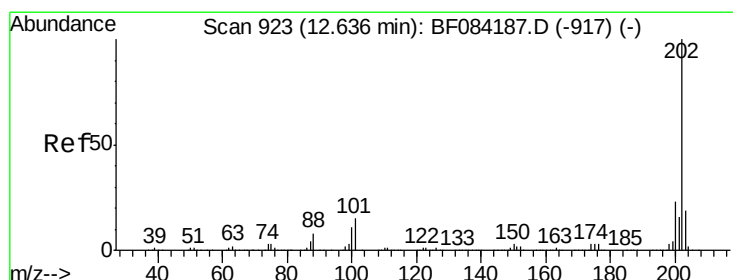
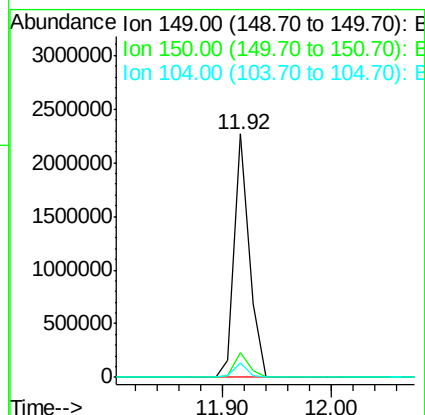
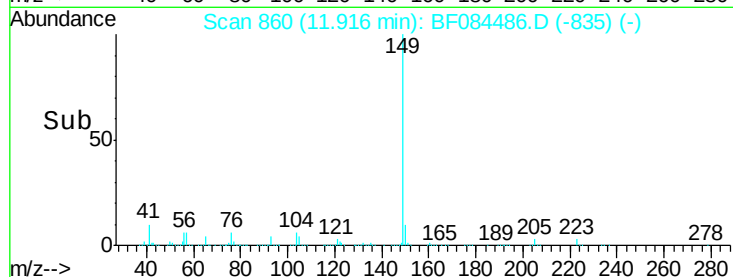
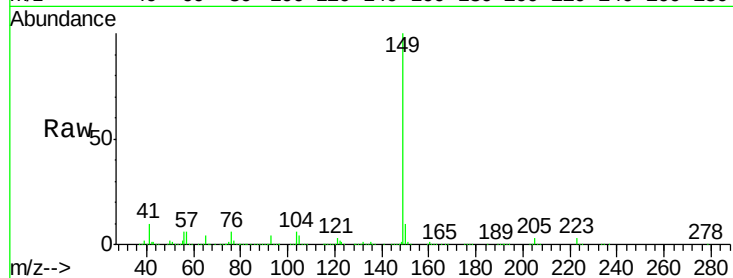
Tot Ion:149 Resp: 2134383

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

104 5.9 3.2 4.8#



#74

Fluoranthene

Concen: 38.10 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

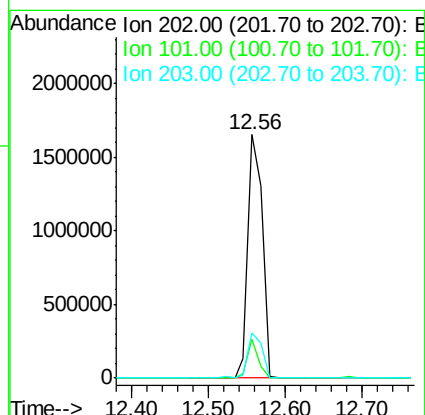
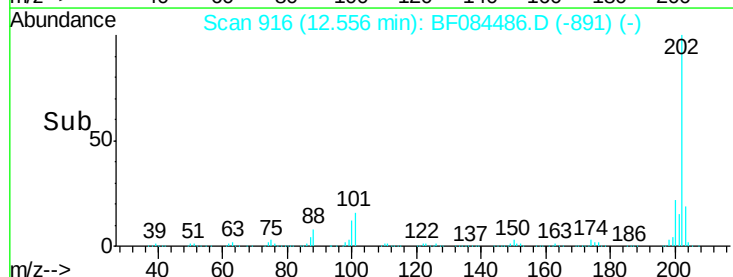
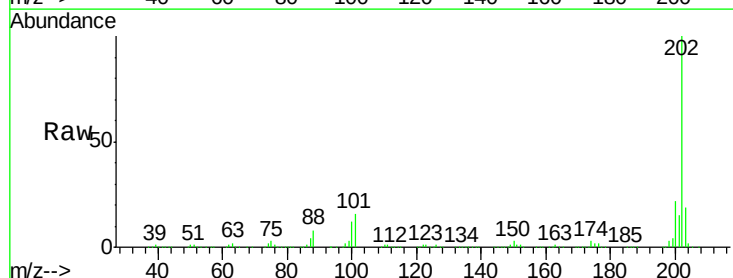
Tgt Ion:202 Resp: 2138664

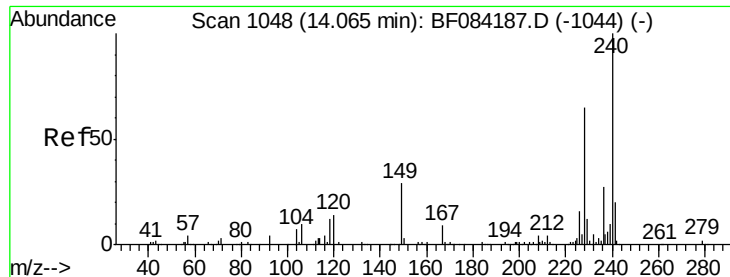
Ion Ratio Lower Upper

202 100

101 15.7 0.0 32.8

203 18.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

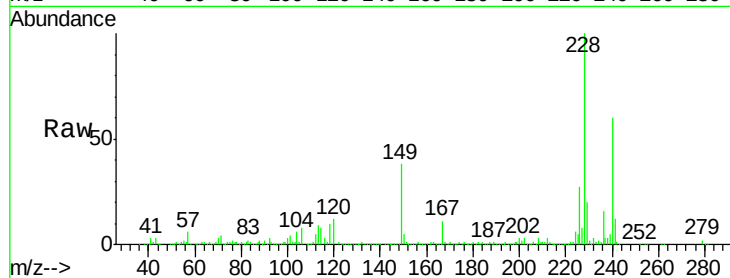
Tot Ion:240 Resp: 740729

Ion Ratio Lower Upper

240 100

120 19.4 9.5 14.3#

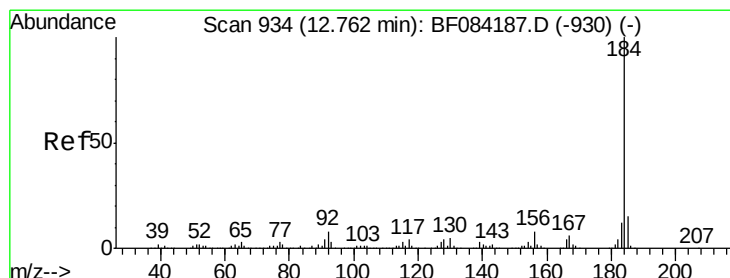
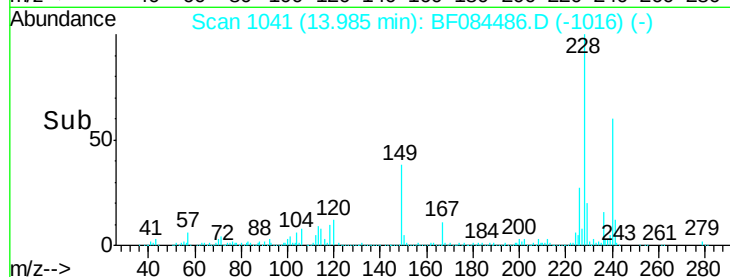
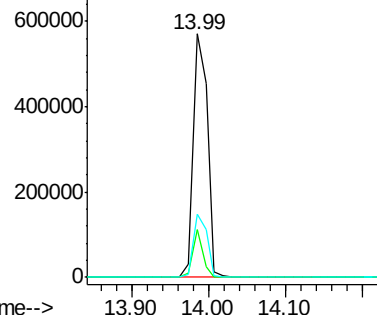
236 25.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.39 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

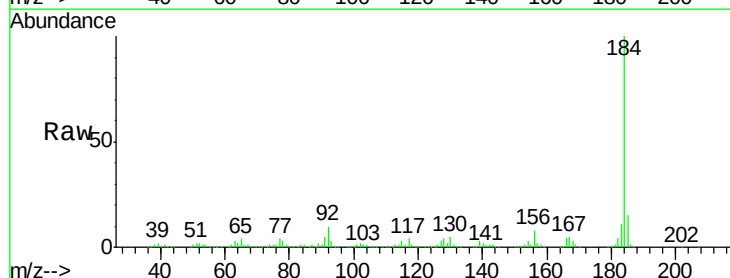
Tgt Ion:184 Resp: 939824

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

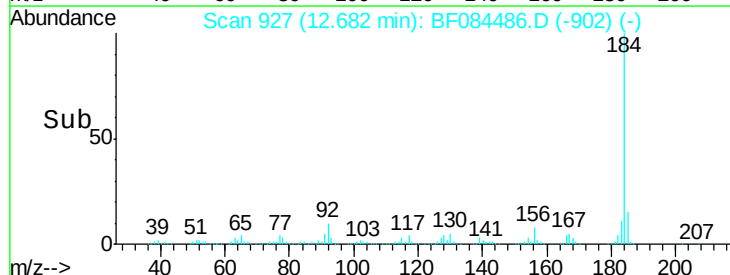
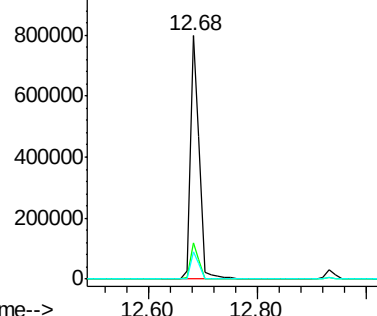
183 11.4 9.8 14.8

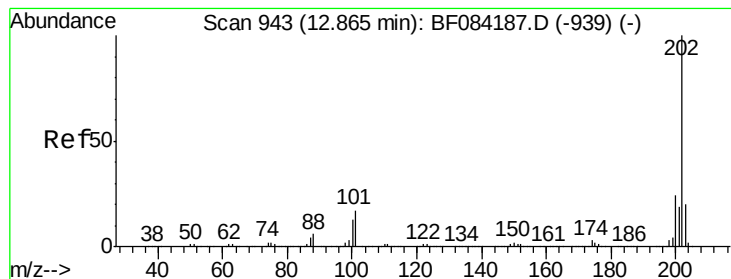


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.32 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

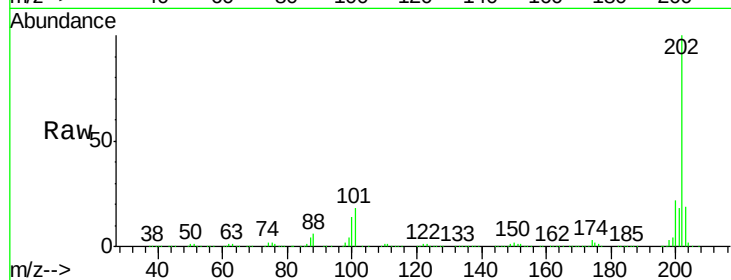
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2227250

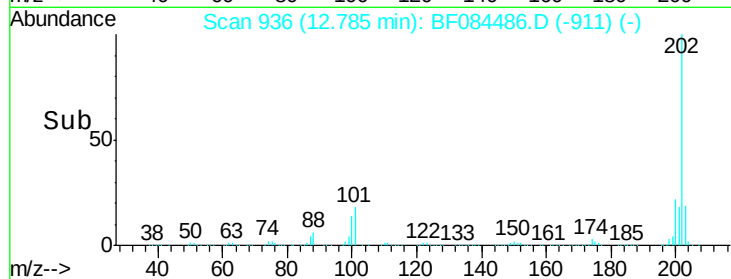
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.8	14.3	21.5



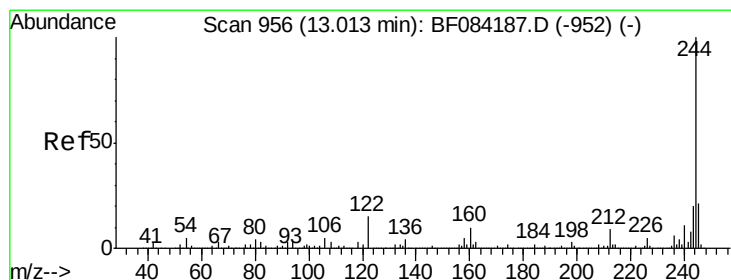
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 71.84 ng

RT: 12.93 min Scan# 949

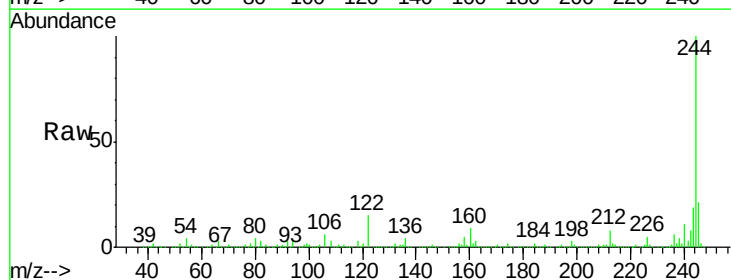
Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Tgt Ion:244 Resp: 2383838

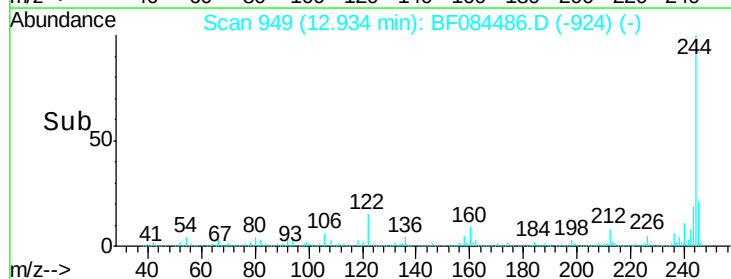
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	15.4	7.4	11.0



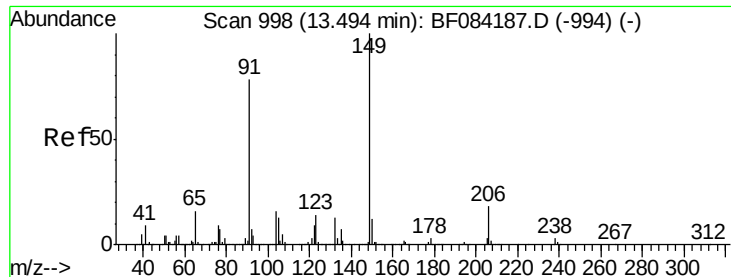
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 38.14 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

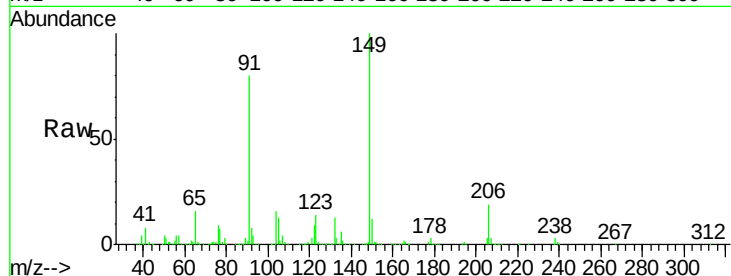
Tot Ion:149 Resp: 959368

Ion Ratio Lower Upper

149 100

91 79.8 57.6 86.4

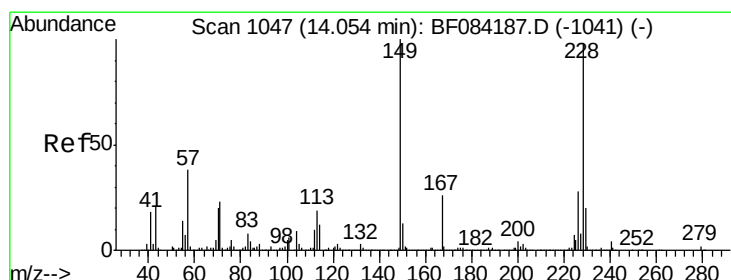
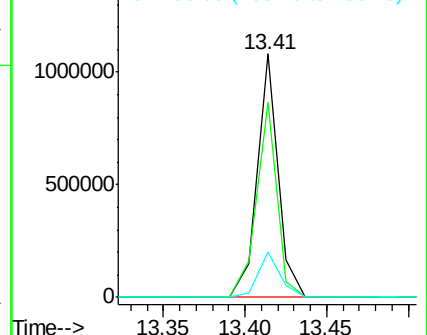
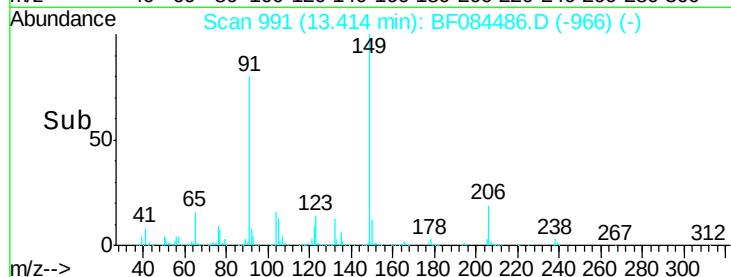
206 18.5 13.2 19.8



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: 39.70 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

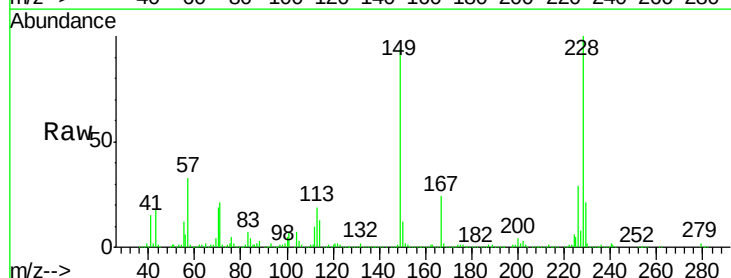
Tgt Ion:228 Resp: 1726497

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.6

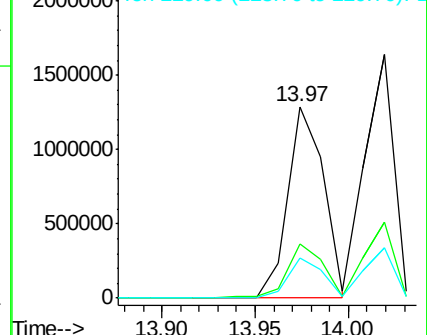
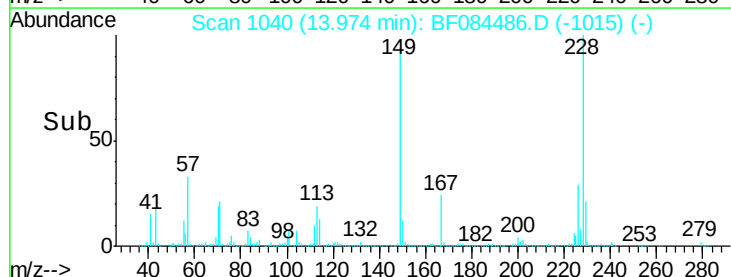
229 21.0 15.8 23.8

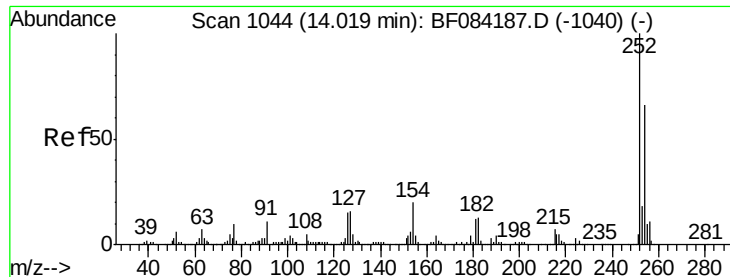


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

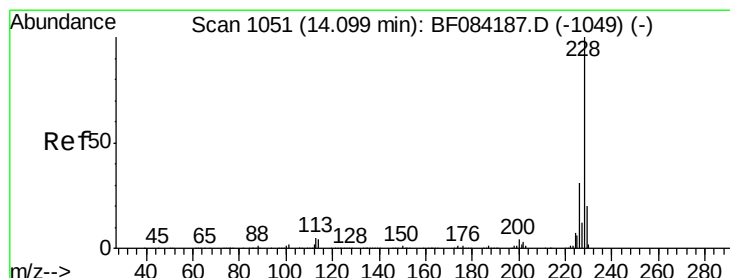
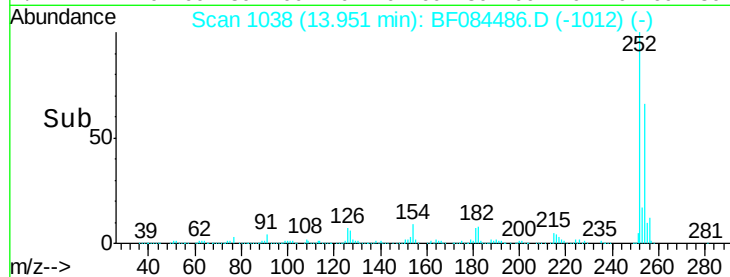
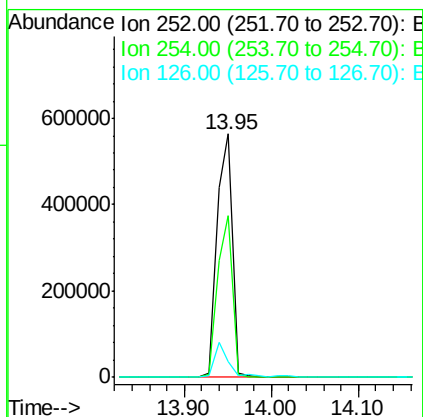
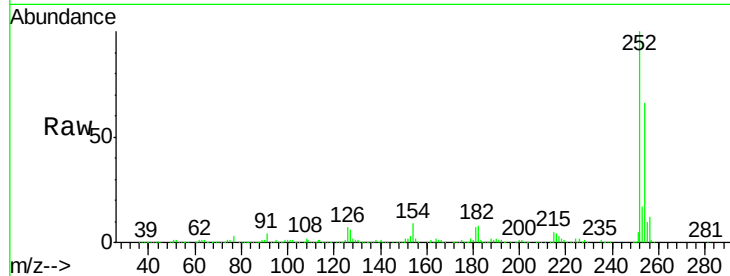




#81
 3,3'-Dichlorobenzidine
 Concen: 46.67 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

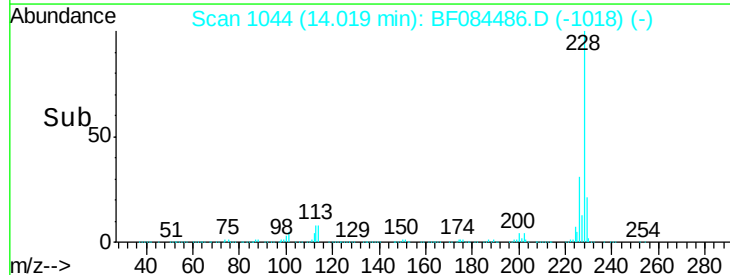
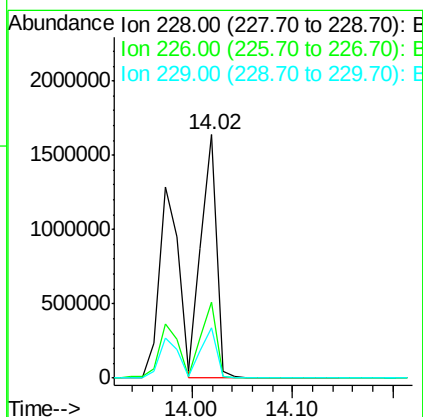
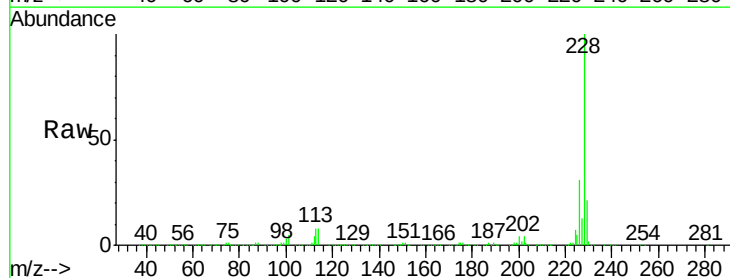
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

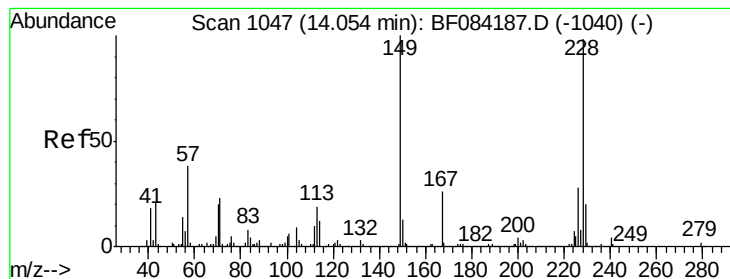
Tot Ion:252 Resp: 708392
 Ion Ratio Lower Upper
 252 100
 254 66.4 53.5 80.3
 126 6.7 4.9 7.3



#82
 Chrysene
 Concen: 42.46 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:228 Resp: 1774528
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.51 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

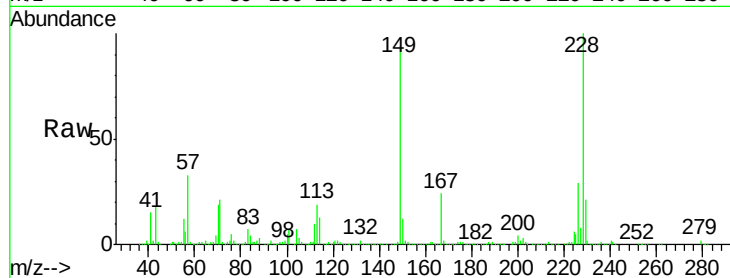
Tot Ion:149 Resp: 1160306

Ion Ratio Lower Upper

149 100

167 25.9 19.7 29.5

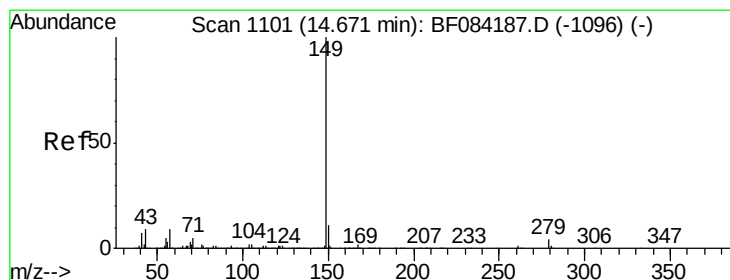
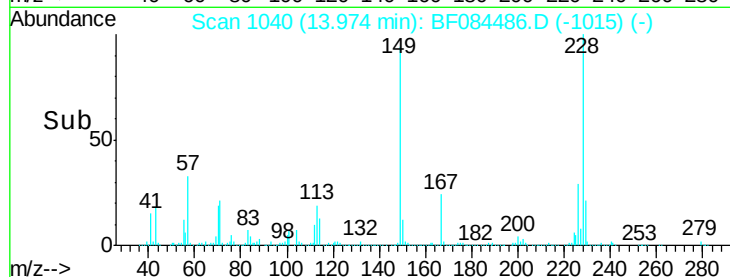
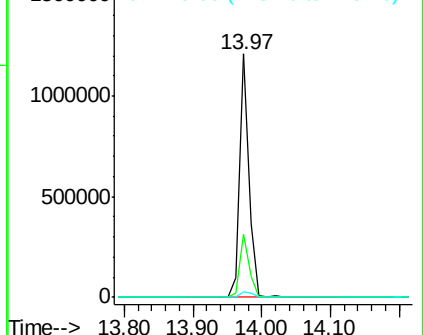
279 2.2 1.8 2.6



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: 39.36 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

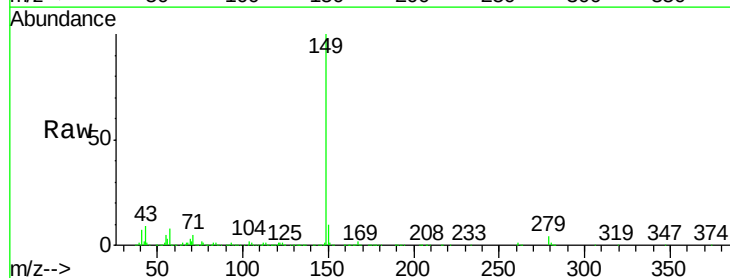
Tgt Ion:149 Resp: 2111615

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

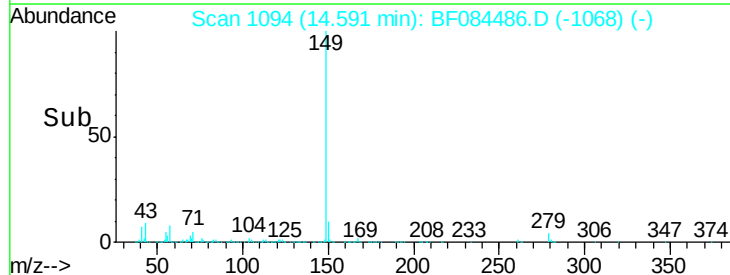
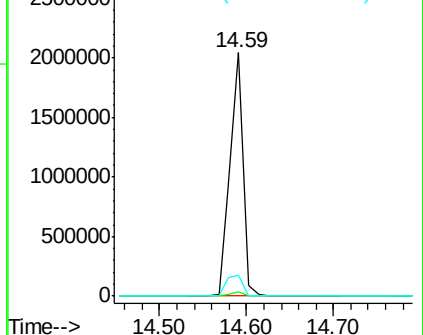
43 11.3 5.6 8.4#

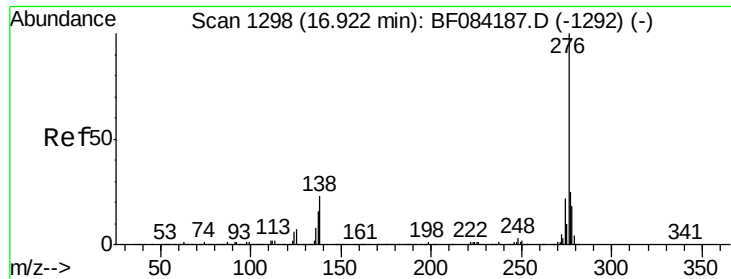


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

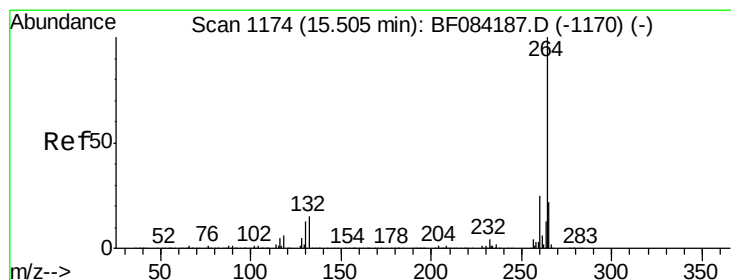
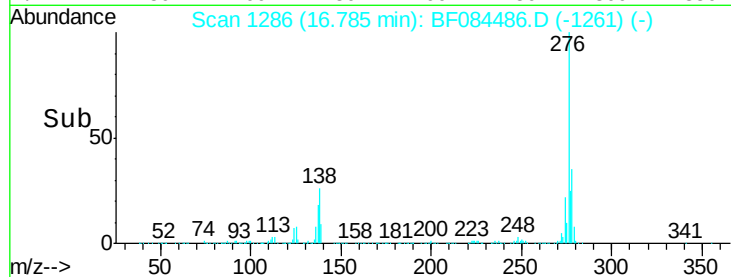
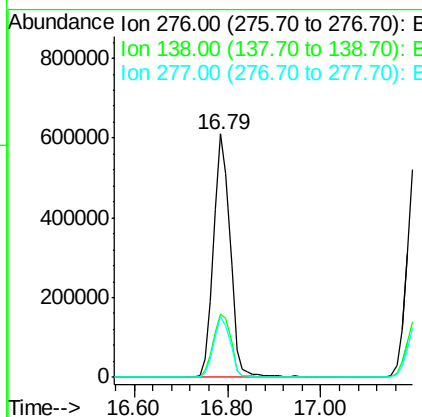
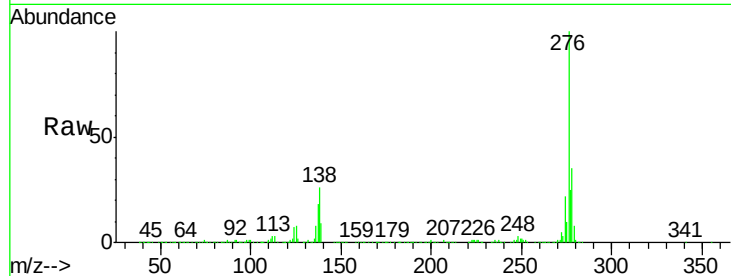




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.93 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

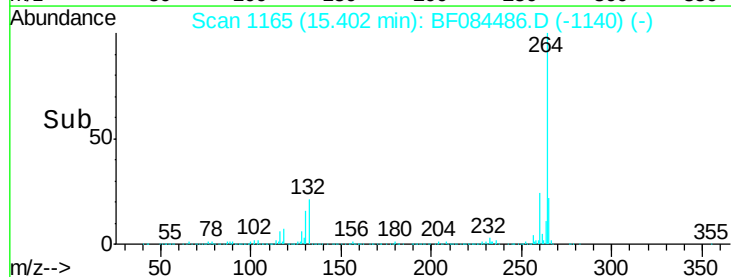
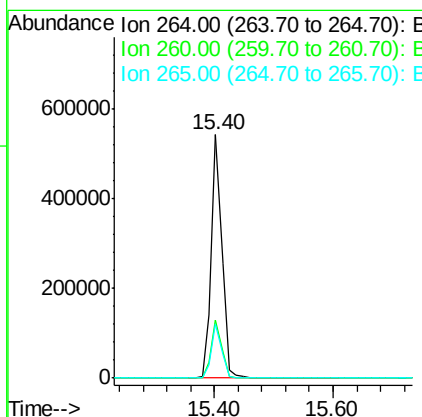
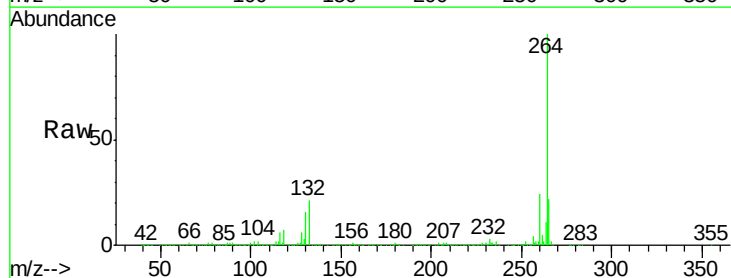
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

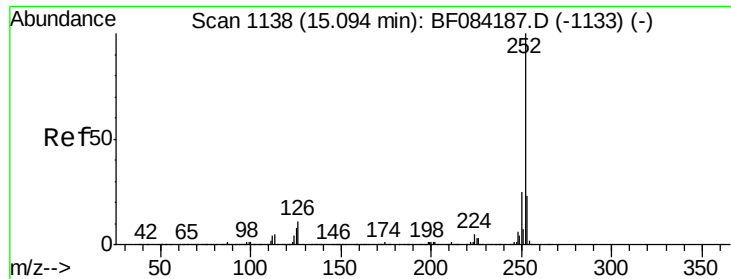
Tot Ion:276 Resp: 1521784
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084486.D
 Acq: 15 Jan 2016 11:08

Tgt Ion:264 Resp: 672990
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.1 17.8 26.6

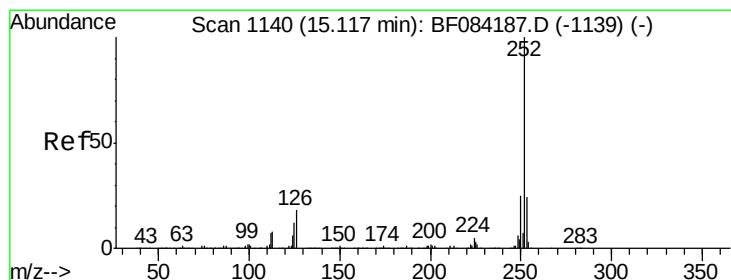
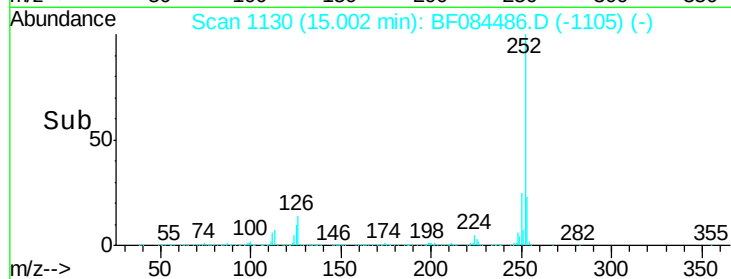
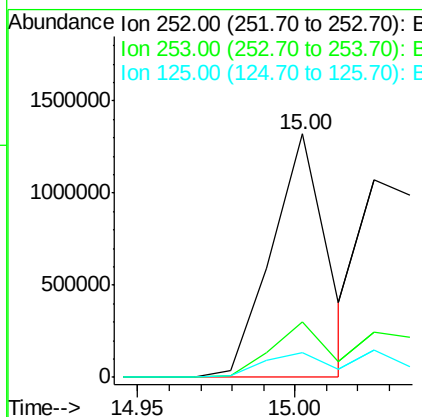
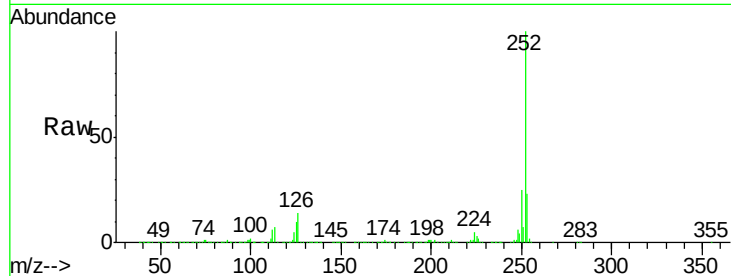




#87
Benzo(b)fluoranthene
Concen: 36.71 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

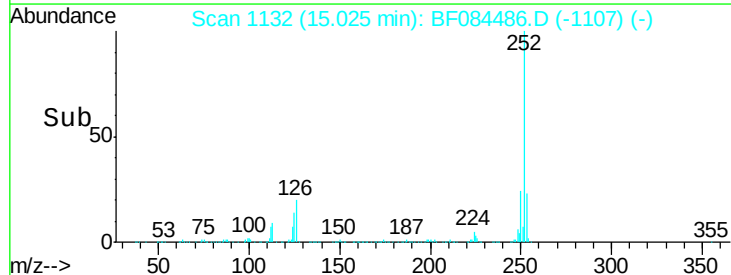
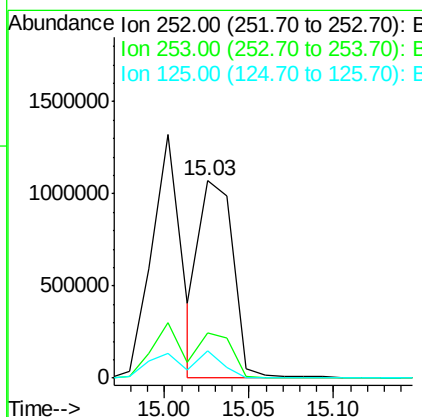
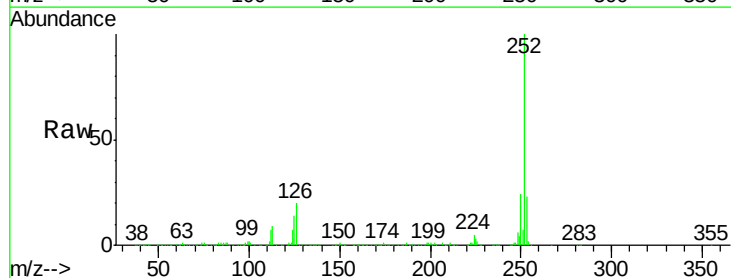
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

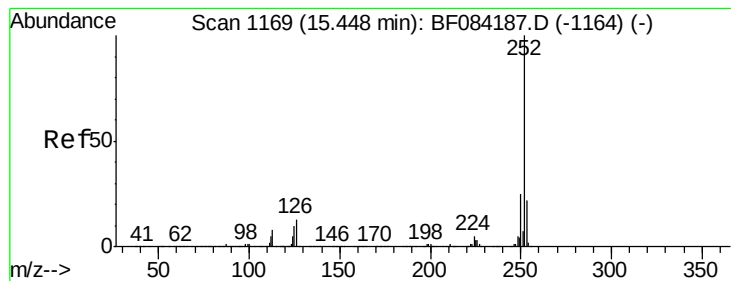
Tot Ion:252 Resp: 1616121
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.4 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 41.14 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF084486.D
Acq: 15 Jan 2016 11:08

Tgt Ion:252 Resp: 1481113
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.9 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 39.14 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

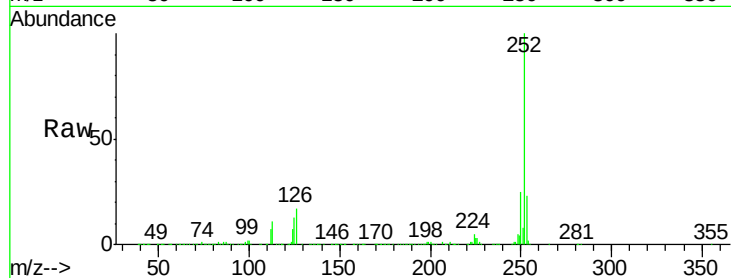
Tot Ion:252 Resp: 1461614

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

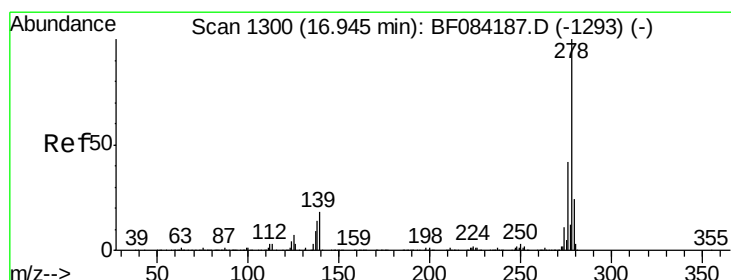
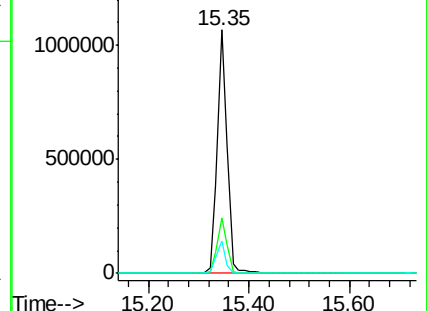
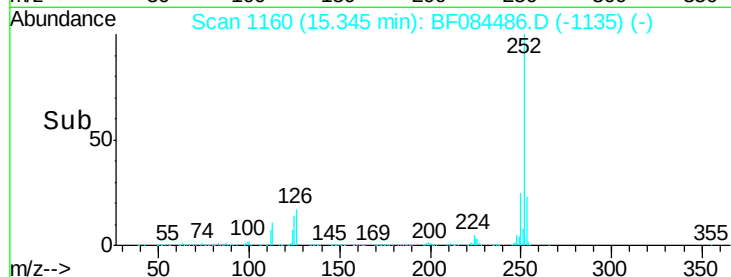
125 13.4 7.0 10.4#



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: 38.75 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

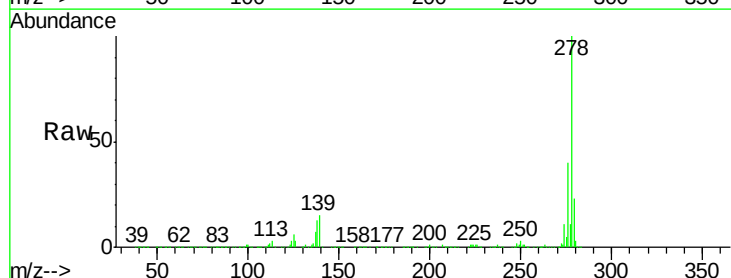
Tgt Ion:278 Resp: 1244984

Ion Ratio Lower Upper

278 100

139 14.6 15.0 22.4#

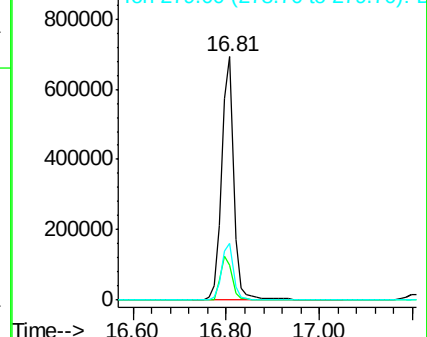
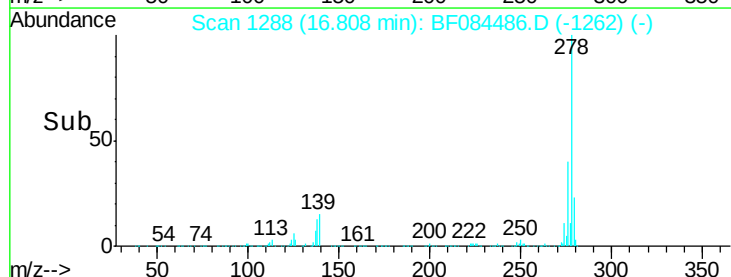
279 23.5 18.9 28.3

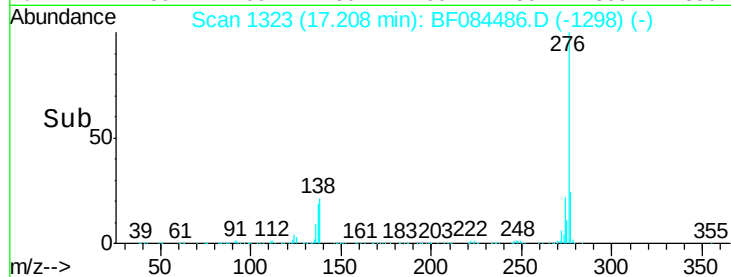
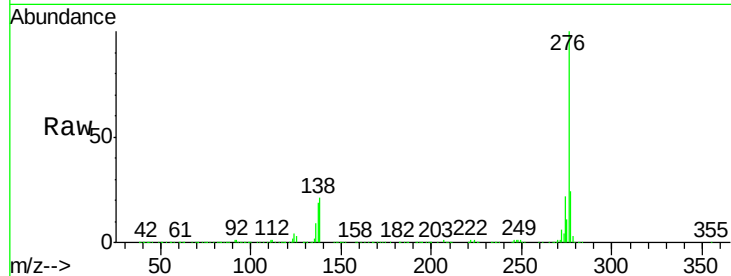
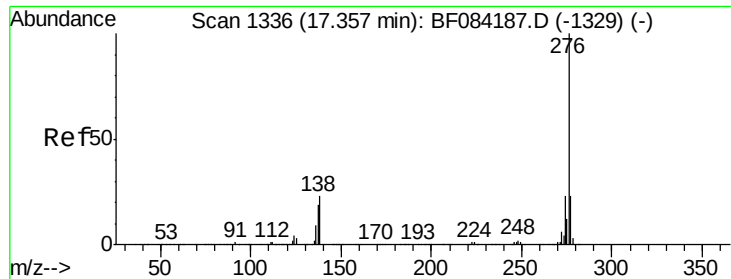


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.01 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF084486.D

Acq: 15 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1297890

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.5 17.8 26.6

