

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084412.D
 Acq On : 12 Jan 2016 13:12
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 13 00:31:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	312948	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1308709	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	583706	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	1069183	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	781685	20.00	ng	-0.06
86) Perylene-d12	15.43	264	614032	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1562419	80.75	ng	-0.04
7) Phenol-d6	6.49	99	1857441	76.44	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1674484	71.21	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	480107	81.47	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2530187	75.55	ng	-0.06
78) Terphenyl-d14	12.96	244	2270432	64.83	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	387495	42.28	ng	# 79
3) Pyridine	3.13	79	1164822	45.58	ng	# 76
4) n-Nitrosodimethylamine	3.08	42	465330	35.48	ng	93
6) Aniline	6.51	93	1342064	37.75	ng	91
8) 2-Chlorophenol	6.64	128	881272	40.15	ng	92
9) Benzaldehyde	6.38	77	561313	35.48	ng	93
10) Phenol	6.50	94	954939	34.56	ng	# 72
11) bis(2-Chloroethyl)ether	6.58	93	854208	39.91	ng	# 82
12) 1,3-Dichlorobenzene	6.78	146	932352	41.17	ng	96
13) 1,4-Dichlorobenzene	6.78	146	932352	41.06	ng	95
14) 1,2-Dichlorobenzene	7.01	146	813475	37.41	ng	97
15) Benzyl Alcohol	6.99	79	687470	33.63	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1374694	35.27	ng	86
17) 2-Methylphenol	7.12	107	743117	40.39	ng	96
18) Hexachloroethane	7.36	117	353969	38.98	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	557445	33.89	ng	# 76
20) 3+4-Methylphenols	7.26	107	760245	35.16	ng	# 66
22) Acetophenone	7.26	105	1189509	37.80	ng	# 92
24) Nitrobenzene	7.44	77	986481	41.36	ng	90
25) Isophorone	7.68	82	1722903	38.31	ng	97
26) 2-Nitrophenol	7.74	139	425811	39.23	ng	# 79
27) 2,4-Dimethylphenol	7.79	122	764556	34.80	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	999121	36.37	ng	98
29) 2,4-Dichlorophenol	8.00	162	753478	41.17	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	773175	40.92	ng	# 95
31) Naphthalene	8.16	128	2438415	41.07	ng	97
32) Benzoic acid	7.90	122	361118	28.47	ng	96
33) 4-Chloroaniline	8.20	127	1008161	37.04	ng	98
34) Hexachlorobutadiene	8.27	225	393200	36.20	ng	98
35) Caprolactam	8.58	113	245024	39.71	ng	# 50
36) 4-Chloro-3-methylphenol	8.69	107	742068	36.20	ng	95
37) 2-Methylnaphthalene	8.84	142	1479302	34.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	725543	43.24	ng	100
40) Hexachlorocyclopentadiene	9.00	237	370118	36.54	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	497852	39.66	ng	95
43) 2,4,5-Trichlorophenol	9.17	196	501024	41.63	ng	95
45) 1,1'-Biphenyl	9.31	154	1857855	40.05	ng	98
46) 2-Chloronaphthalene	9.33	162	1379017	37.84	ng	95
47) 2-Nitroaniline	9.44	65	540386	44.93	ng #	71
48) Acenaphthylene	9.74	152	2105376	39.11	ng	96
49) Dimethylphthalate	9.62	163	1755643	42.07	ng #	91
50) 2,6-Dinitrotoluene	9.68	165	378445	41.35	ng #	67
51) Acenaphthene	9.92	154	1402613	38.84	ng	99
52) 3-Nitroaniline	9.85	138	504089	44.45	ng #	86
53) 2,4-Dinitrophenol	9.95	184	179002	47.43	ng #	84
54) Dibenzofuran	10.09	168	1923571	40.85	ng	91
55) 4-Nitrophenol	10.02	139	376648	45.75	ng	89
56) 2,4-Dinitrotoluene	10.08	165	462592	39.94	ng	92
57) Fluorene	10.43	166	1372468	37.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	406295	39.54	ng	92
59) Diethylphthalate	10.32	149	1660973	40.37	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	715058	47.26	ng	94
61) 4-Nitroaniline	10.46	138	477233	47.21	ng #	78
62) Azobenzene	10.59	77	1888871	41.86	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	279490	42.85	ng	88
65) n-Nitrosodiphenylamine	10.54	169	1328397	38.86	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	488698	42.47	ng	99
67) Hexachlorobenzene	10.98	284	464795	35.88	ng #	85
68) Atrazine	11.08	200	487660	43.59	ng	95
69) Pentachlorophenol	11.17	266	224548	33.43	ng	97
70) Phenanthrene	11.39	178	2251239	40.25	ng	97
71) Anthracene	11.45	178	2165048	39.49	ng	97
72) Carbazole	11.61	167	2185408	40.78	ng	97
73) Di-n-butylphthalate	11.94	149	2420197	41.68	ng #	95
74) Fluoranthene	12.58	202	2036063	34.85	ng	96
76) Benzidine	12.71	184	943892	33.68	ng	99
77) Pyrene	12.81	202	2131460	34.75	ng	97
79) Butylbenzylphthalate	13.44	149	1006449	37.92	ng #	95
80) Benzo(a)anthracene	14.00	228	1621435	35.33	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	586482	36.61	ng #	96
82) Chrysene	14.03	228	1478217	33.52	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	1131948	33.75	ng #	96
84) Di-n-octyl phthalate	14.60	149	1827187	32.27	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1518596	43.44	ng	96
87) Benzo(b)fluoranthene	15.03	252	1443889	35.95	ng #	95
88) Benzo(k)fluoranthene	15.03	252	1443889	43.95	ng	99
89) Benzo(a)pyrene	15.37	252	1350087	39.63	ng #	94
90) Dibenzo(a,h)anthracene	16.84	278	1231198	42.00	ng	98
91) Benzo(g,h,i)perylene	17.24	276	1320748	43.50	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

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SSTDCCC040

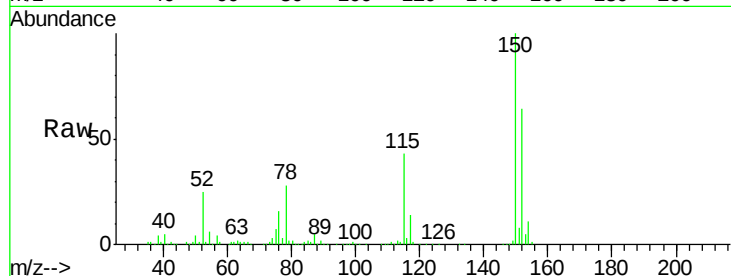
Tgt Ion:152 Resp: 312948

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

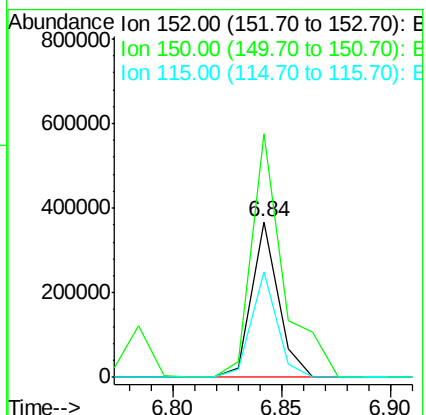
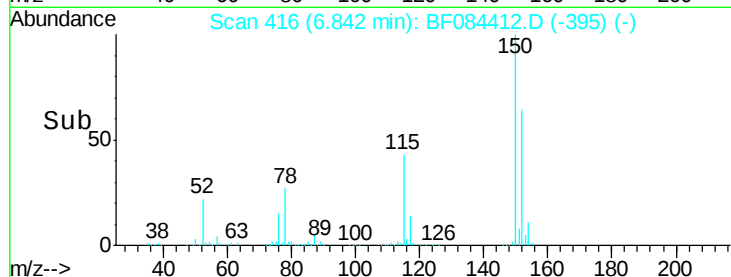
115 67.8 51.4 77.2



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: 42.28 ng

RT: 2.41 min Scan# 28

Delta R.T. -0.13 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

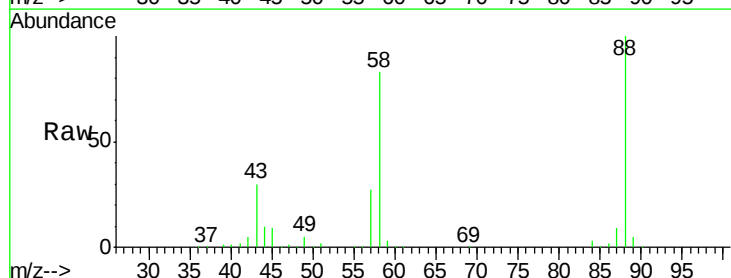
Tgt Ion: 88 Resp: 387495

Ion Ratio Lower Upper

88 100

58 83.5 51.2 76.8#

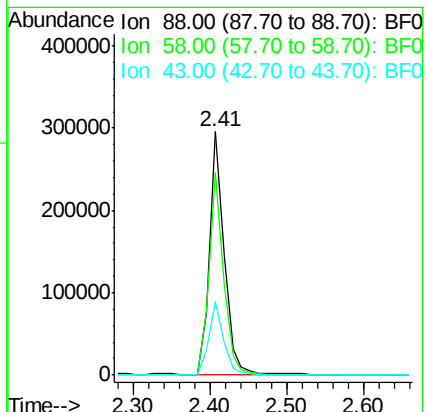
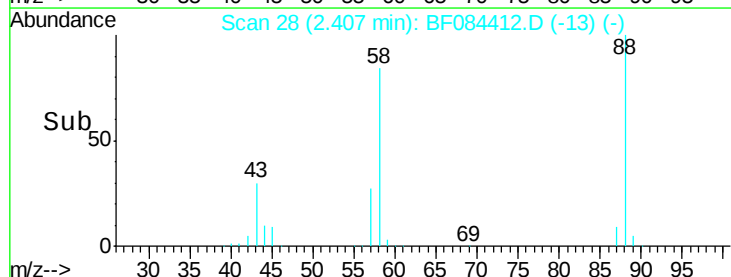
43 30.3 19.5 29.3#

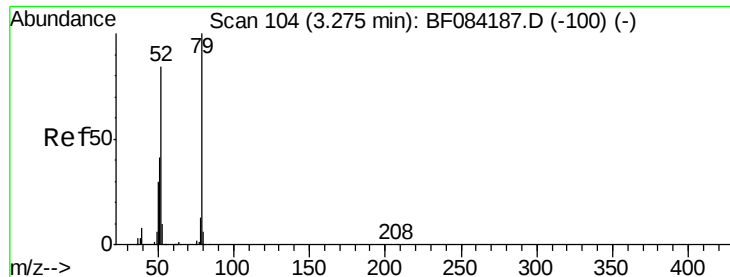


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.58 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.15 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

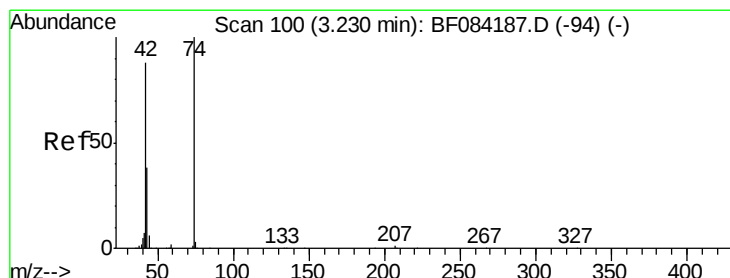
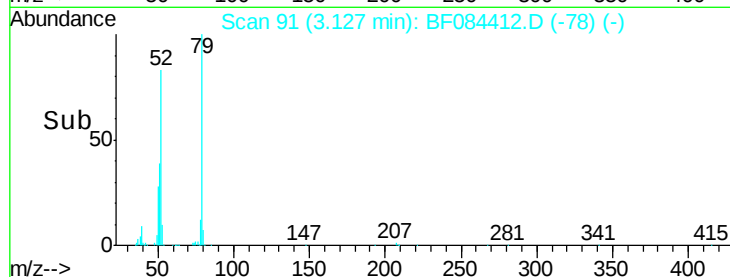
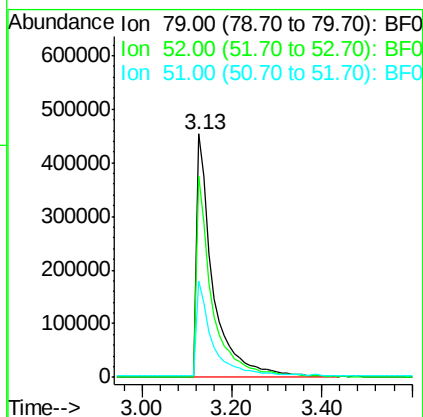
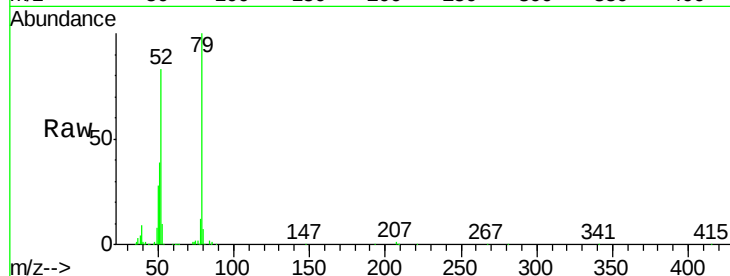
Tgt Ion: 79 Resp: 1164822

Ion Ratio Lower Upper

79 100

52 83.0 49.0 73.4#

51 39.4 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.48 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.15 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

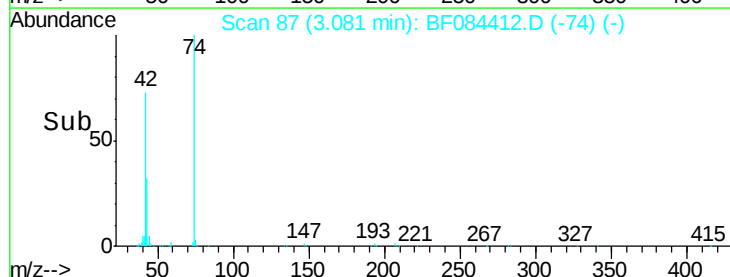
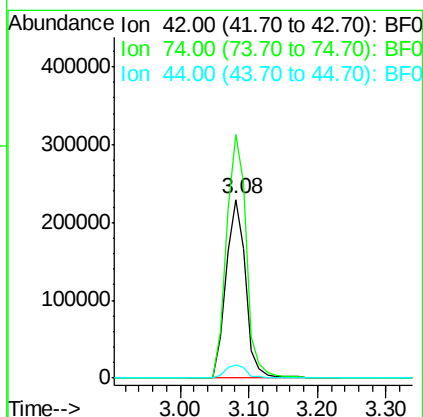
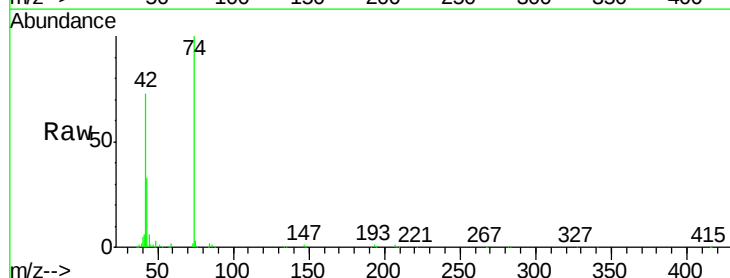
Tgt Ion: 42 Resp: 465330

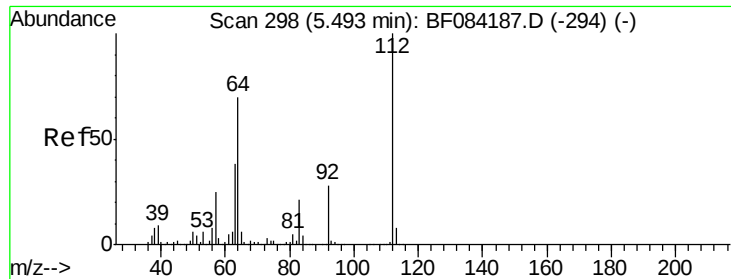
Ion Ratio Lower Upper

42 100

74 136.2 115.7 173.5

44 7.7 5.1 7.7





#5

2-Fluorophenol

Concen: 80.75 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

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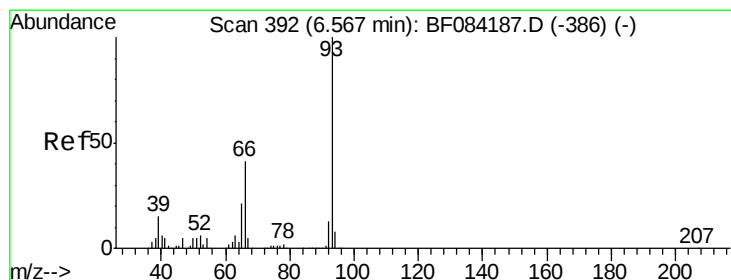
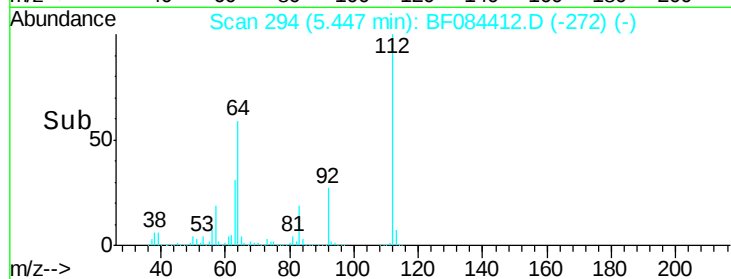
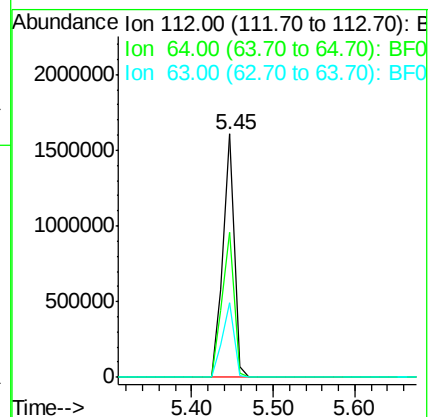
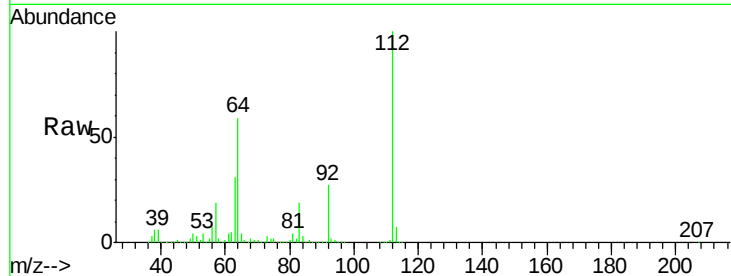
Tgt Ion:112 Resp: 1562419

Ion Ratio Lower Upper

112 100

64 59.5 36.6 55.0#

63 30.9 19.4 29.0#



#6

Aniline

Concen: 37.75 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

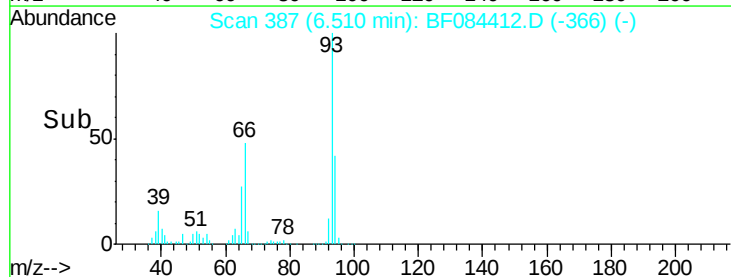
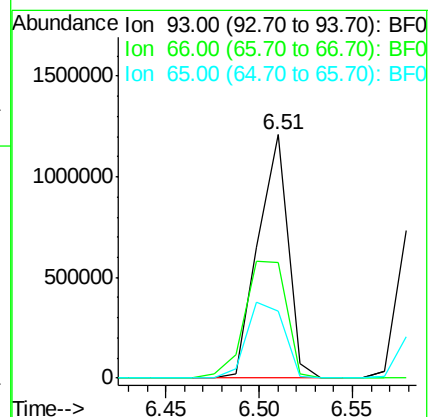
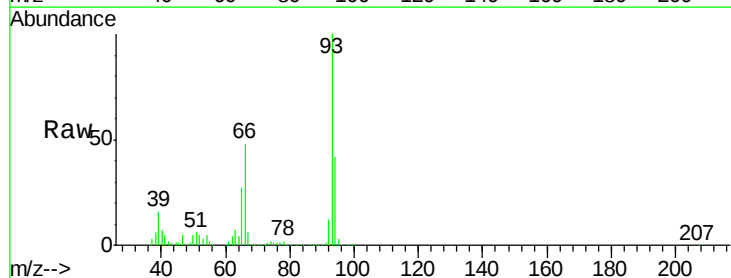
Tgt Ion: 93 Resp: 1342064

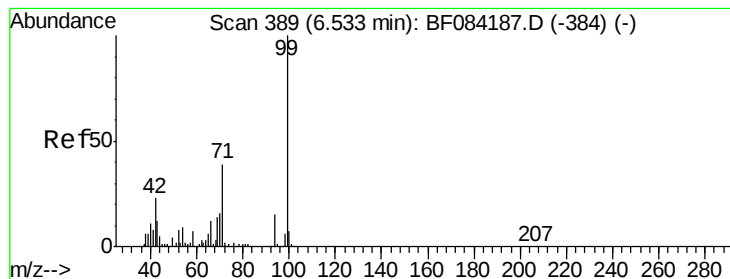
Ion Ratio Lower Upper

93 100

66 47.6 44.9 67.3

65 27.3 23.7 35.5





#7

Phenol-d6

Concen: 76.44 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

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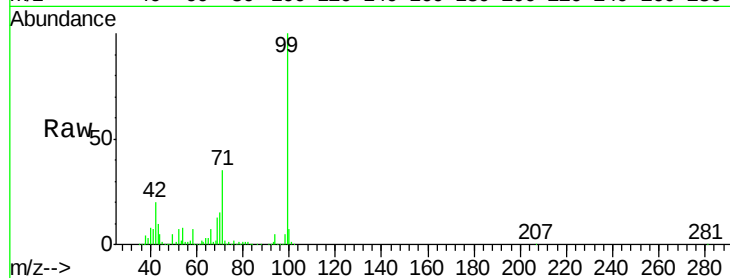
Tgt Ion: 99 Resp: 1857441

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

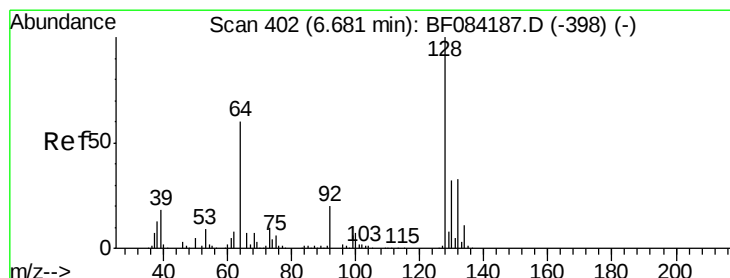
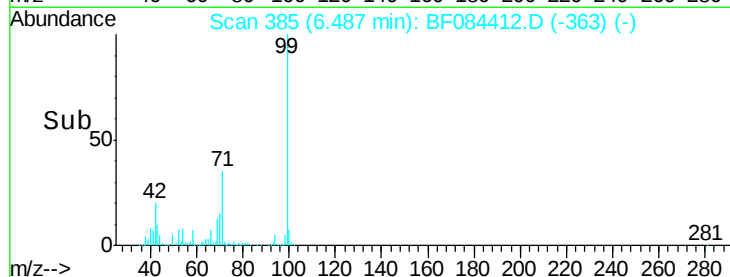
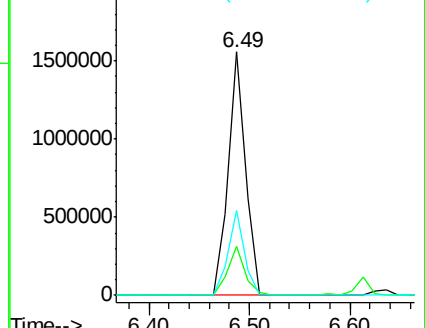
71 34.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.15 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

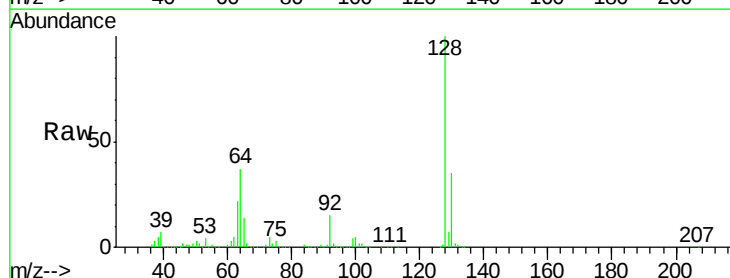
Tgt Ion: 128 Resp: 881272

Ion Ratio Lower Upper

128 100

130 34.6 11.6 51.6

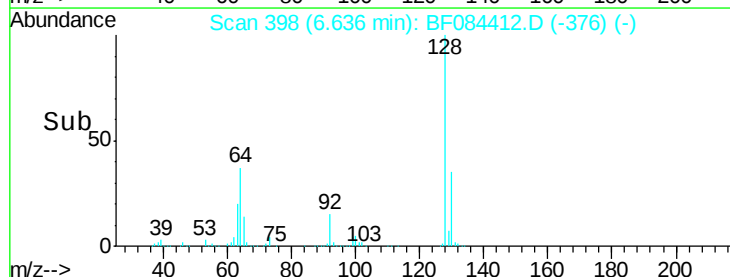
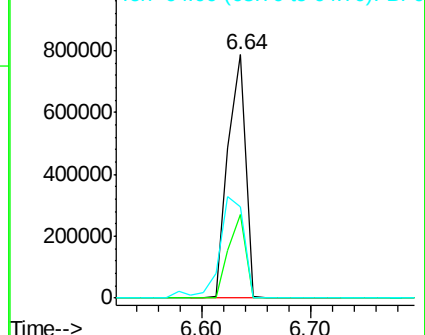
64 37.3 23.8 63.8

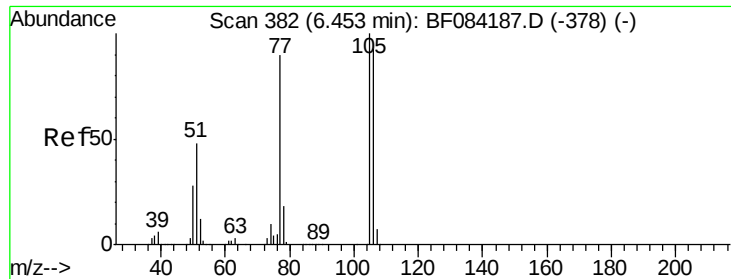


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.48 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

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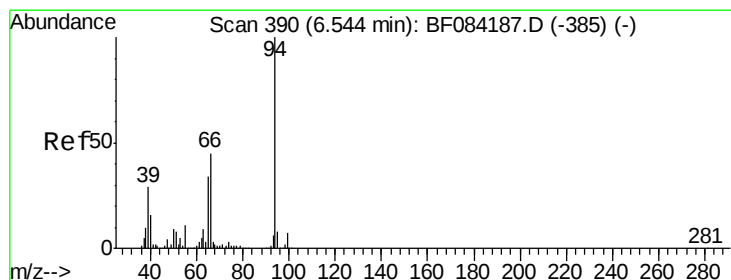
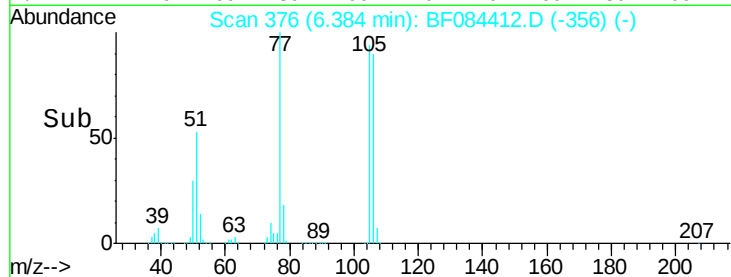
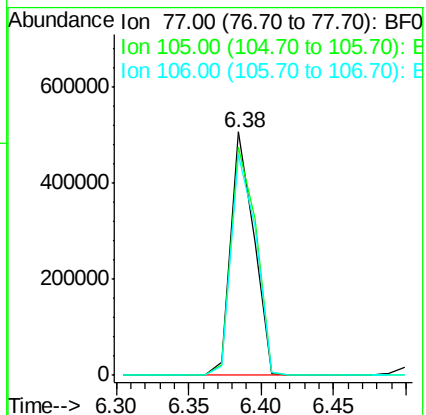
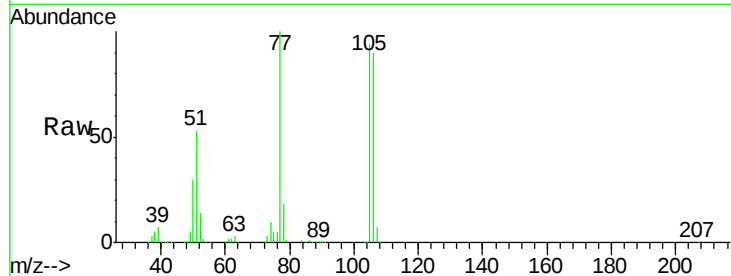
Tgt Ion: 77 Resp: 561313

Ion Ratio Lower Upper

77 100

105 93.7 83.0 123.0

106 90.4 74.6 114.6



#10

Phenol

Concen: 34.56 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

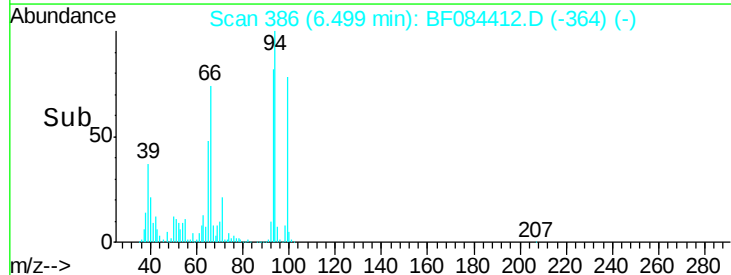
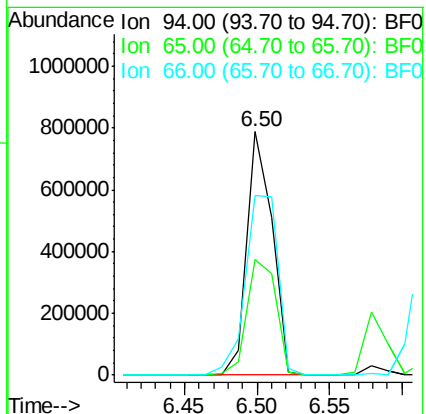
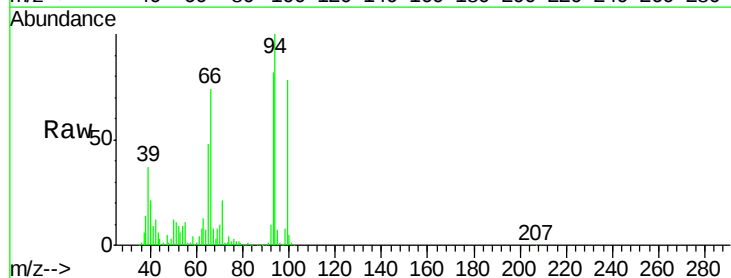
Tgt Ion: 94 Resp: 954939

Ion Ratio Lower Upper

94 100

65 47.7 12.9 52.9

66 73.7 32.7 72.7#

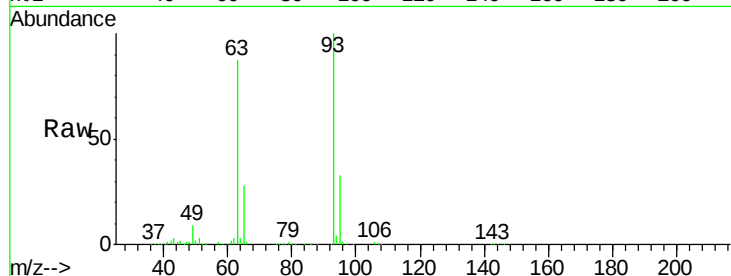




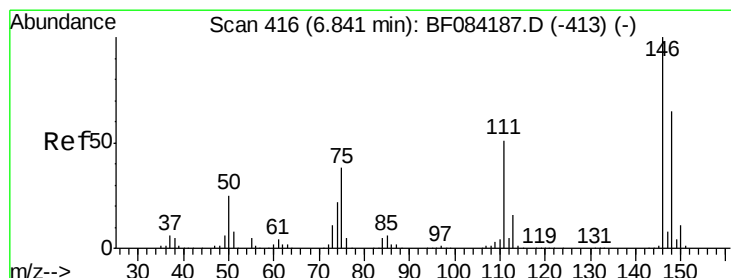
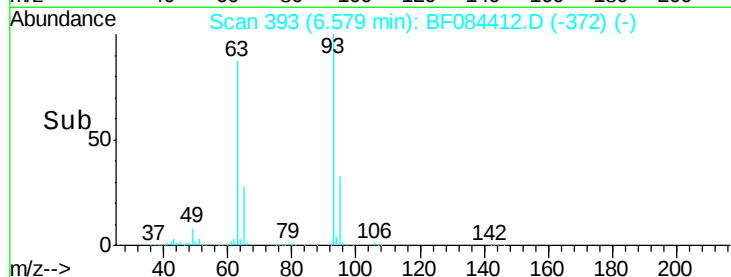
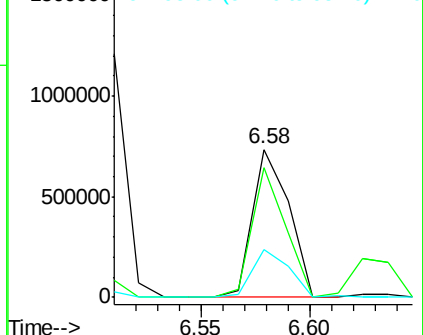
#11
bis(2-Chloroethyl)ether
Concen: 39.91 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 854208
Ion Ratio Lower Upper
93 100
63 87.4 45.9 85.9#
95 32.7 12.3 52.3

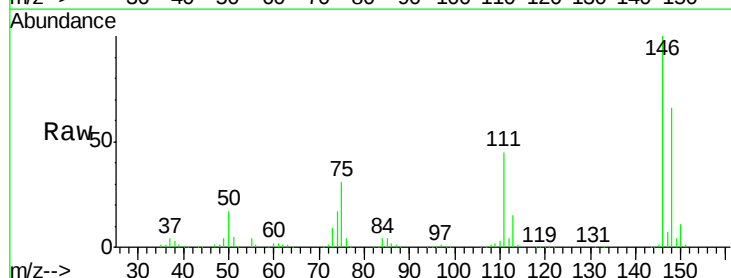


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

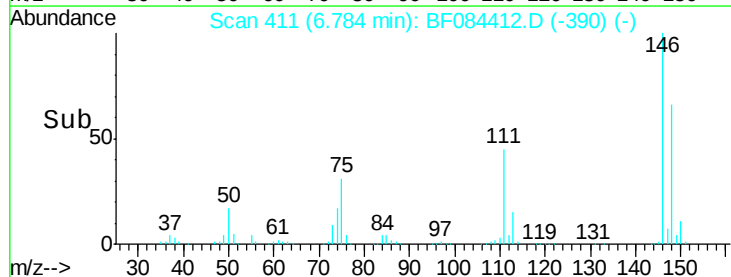
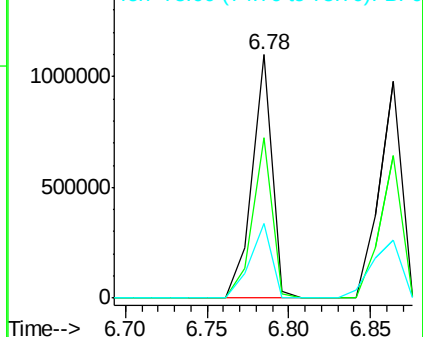


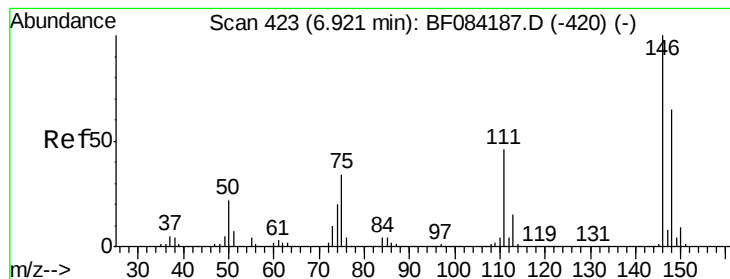
#12
1,3-Dichlorobenzene
Concen: 41.17 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion: 146 Resp: 932352
Ion Ratio Lower Upper
146 100
148 66.0 51.9 77.9
75 30.5 20.5 30.7



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





#13

1,4-Dichlorobenzene

Concen: 41.06 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.14 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

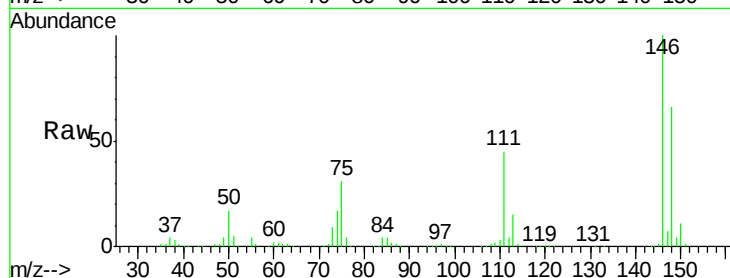
Tgt Ion:146 Resp: 932352

Ion Ratio Lower Upper

146 100

148 66.0 51.9 77.9

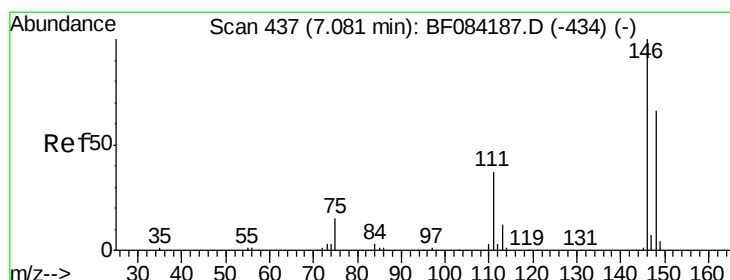
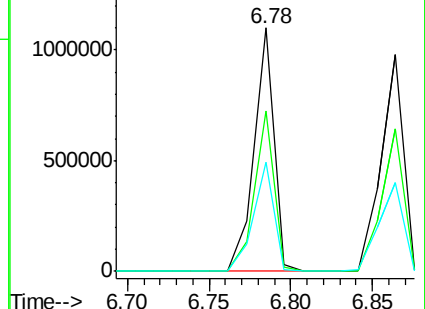
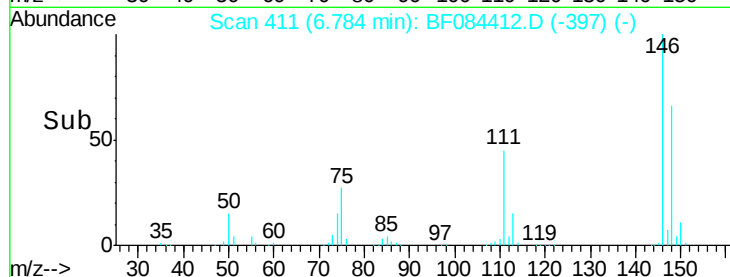
111 45.0 41.6 62.4



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: 37.41 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.07 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

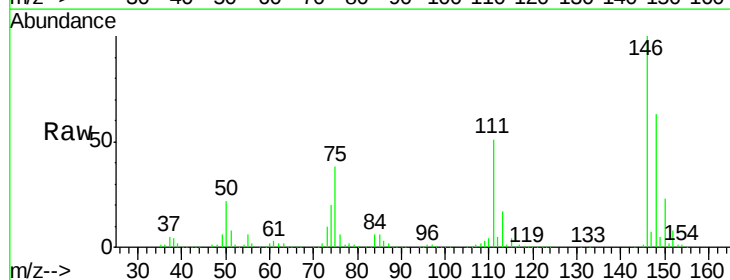
Tgt Ion:146 Resp: 813475

Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

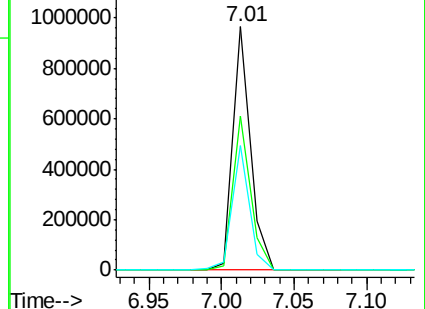
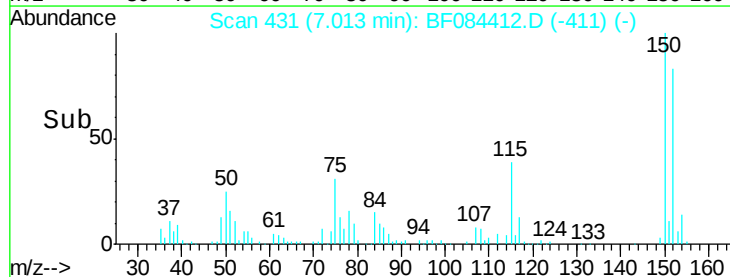
111 51.2 38.0 57.0

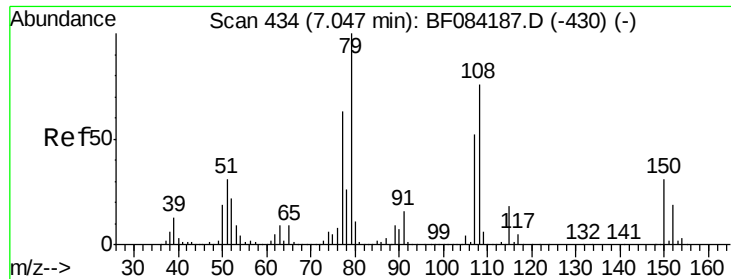


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.63 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

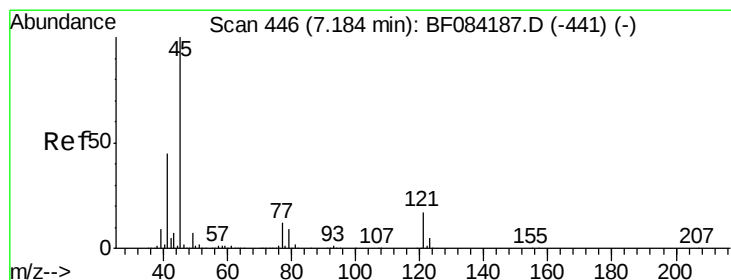
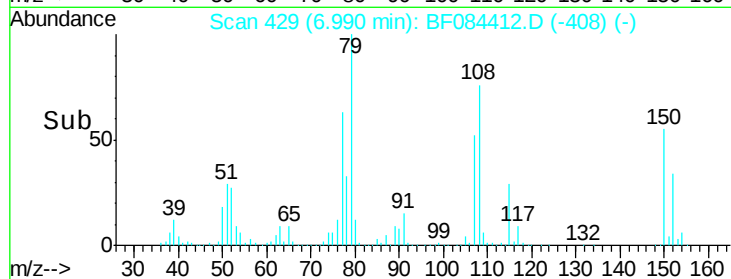
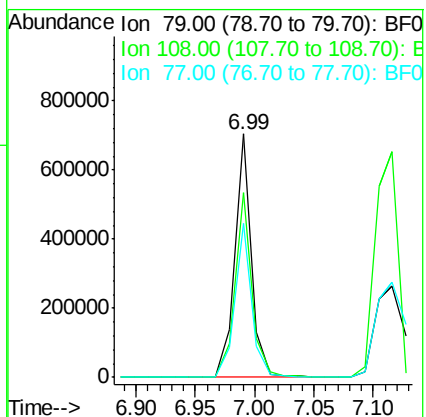
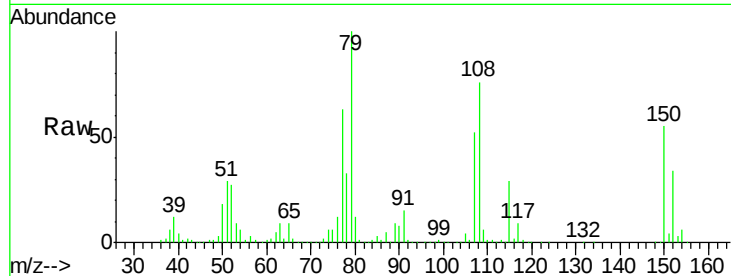
Tgt Ion: 79 Resp: 687470

Ion Ratio Lower Upper

79 100

108 75.8 69.0 103.4

77 63.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.27 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

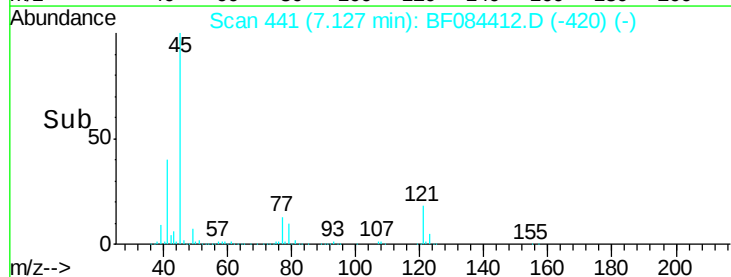
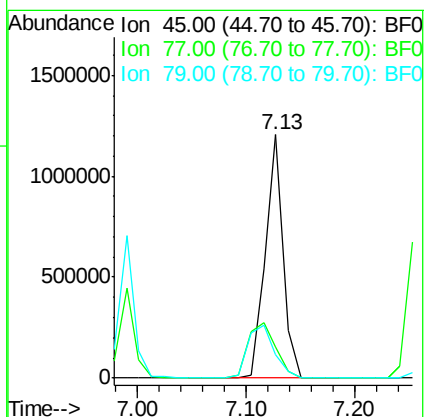
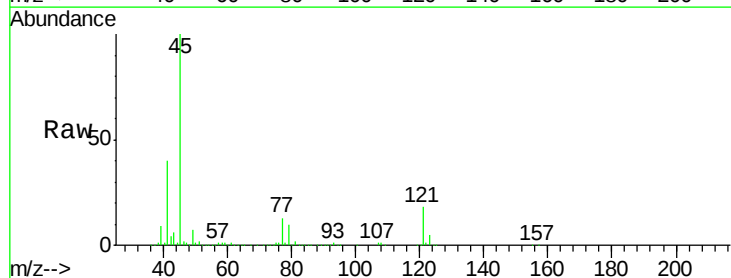
Tgt Ion: 45 Resp: 1374694

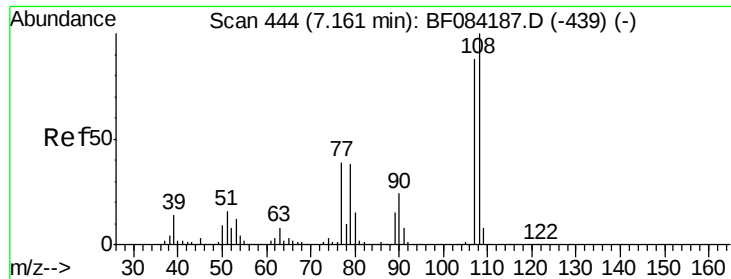
Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

79 9.8 0.0 35.0

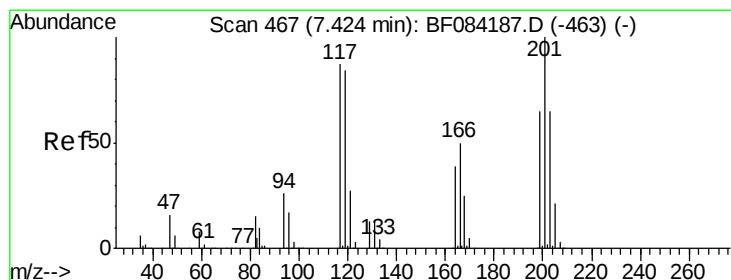
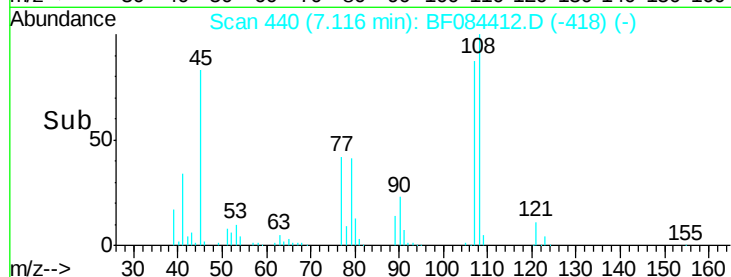
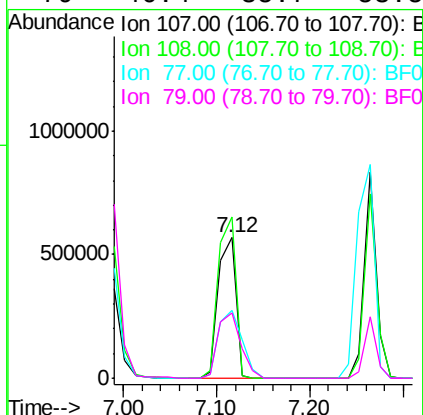
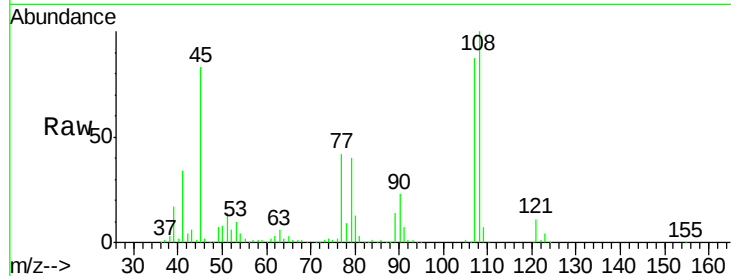




#17
2-Methylphenol
Concen: 40.39 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

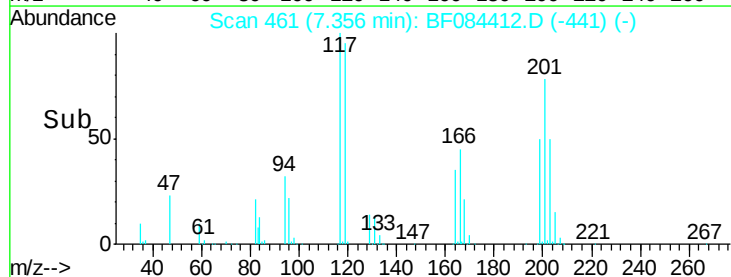
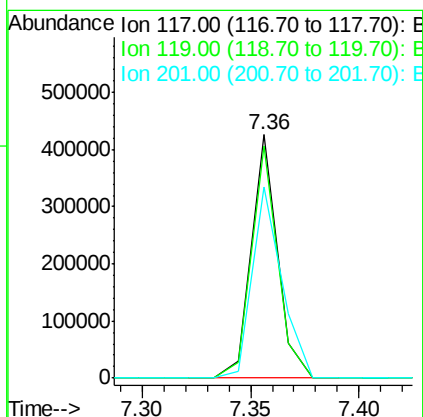
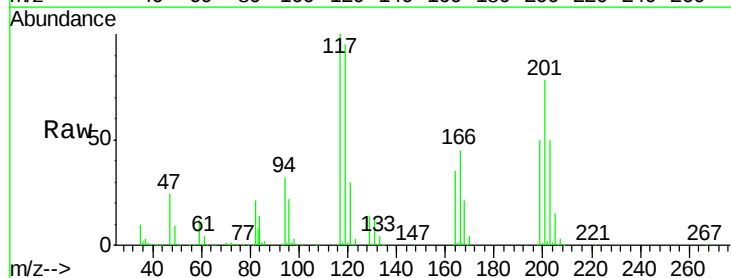
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

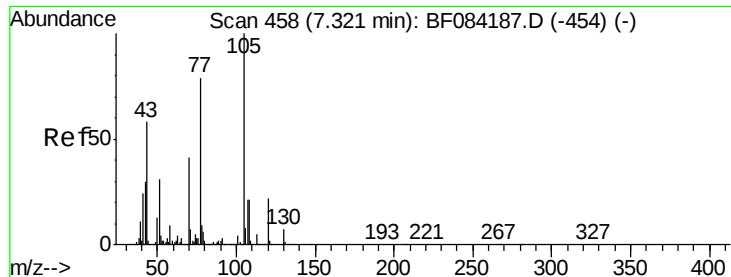
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.8	134.6
77	48.8	35.7	53.5
79	46.4	35.7	53.5



#18
Hexachloroethane
Concen: 38.98 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
201	78.4	68.6	103.0

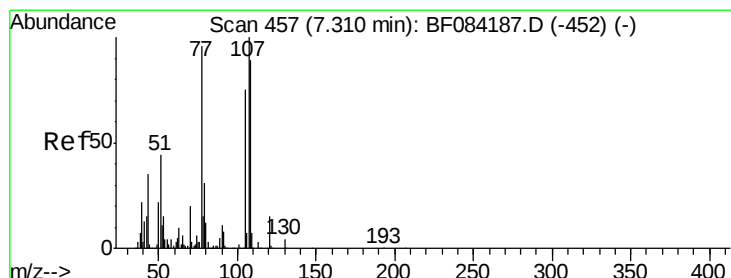
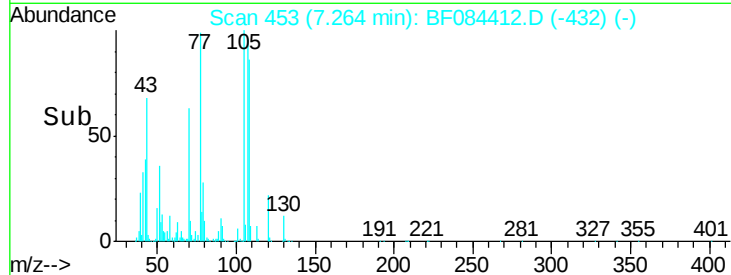
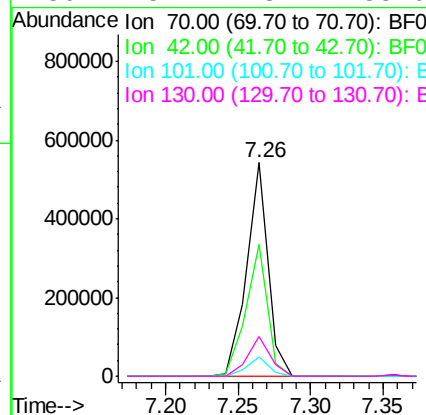
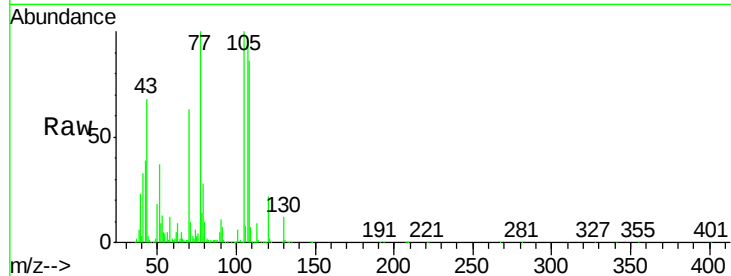




#19
n-Nitroso-di-n-propylamine
Concen: 33.89 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

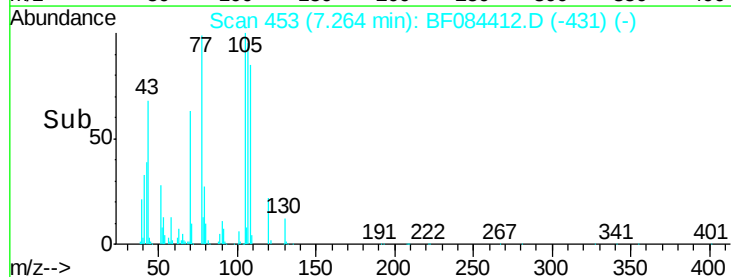
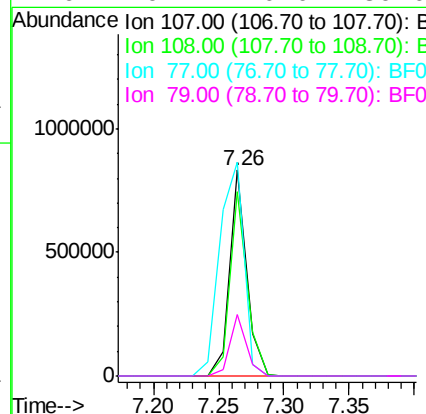
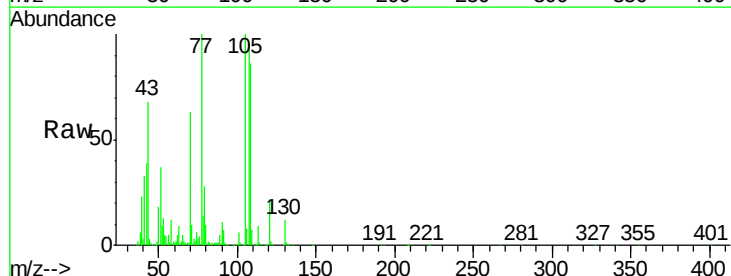
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

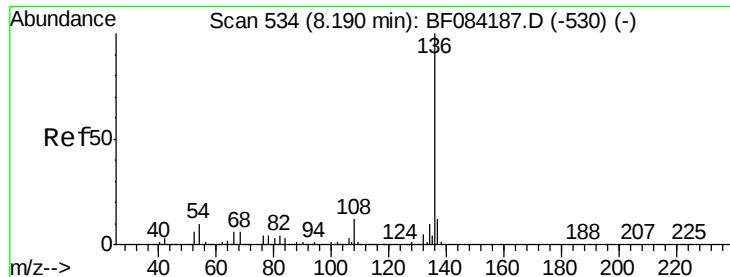
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.9	33.3	49.9#
101	9.2	9.3	13.9#
130	18.4	23.4	35.0#



#20
3+4-Methylphenols
Concen: 35.16 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	74.6	114.6
77	103.9	0.7	40.7#
79	29.7	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1308709

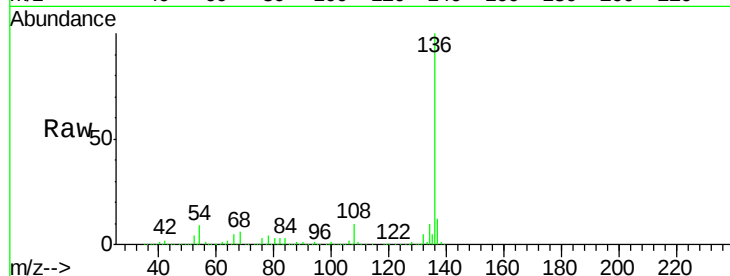
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 8.5 5.8 8.8

68 5.8 4.2 6.2

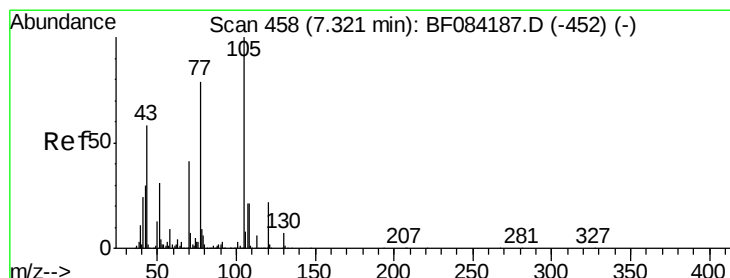
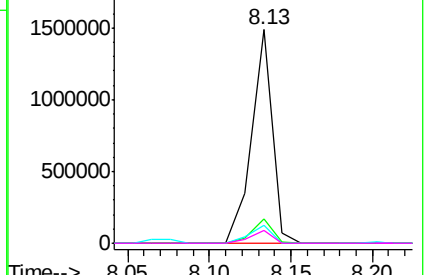
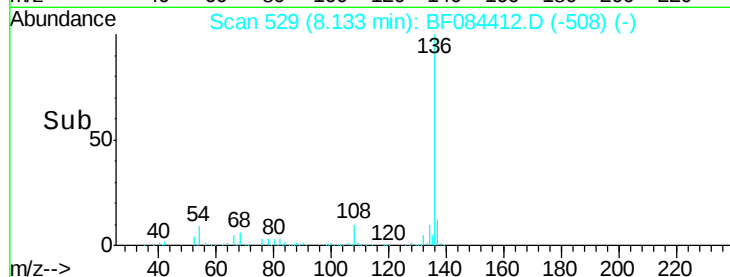


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.80 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Tgt Ion:105 Resp: 1189509

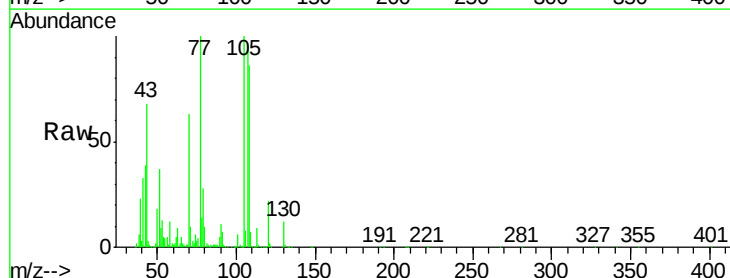
Ion Ratio Lower Upper

105 100

71 10.3 3.7 5.5#

51 36.7 25.1 37.7

120 22.4 16.6 25.0

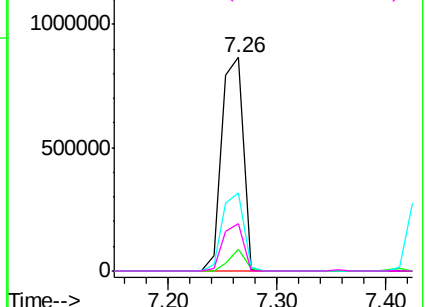
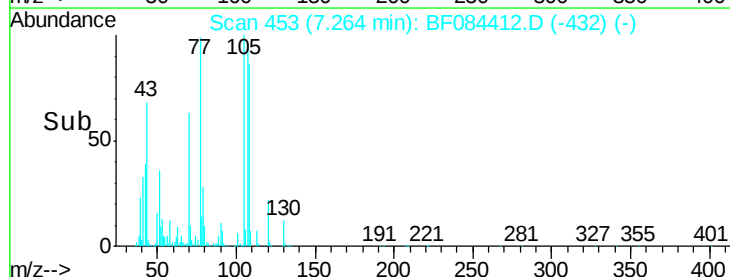


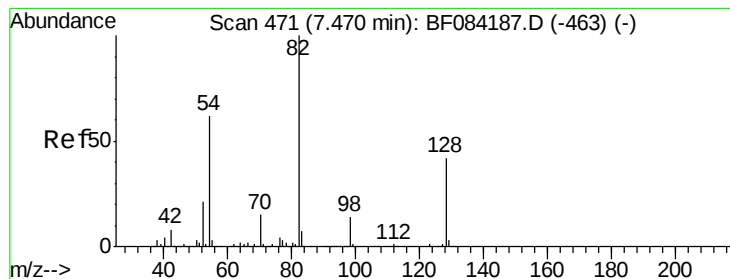
Abundance Ion 105.00 (104.70 to 105.70): E

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: 71.21 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

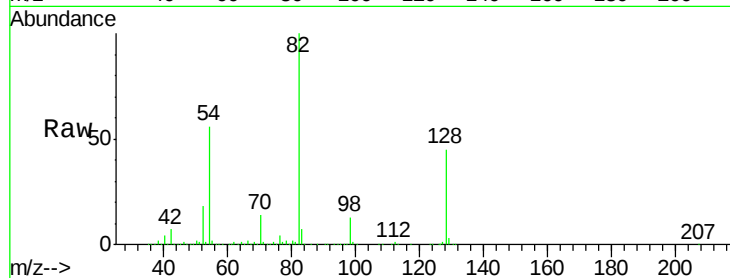
Tgt Ion: 82 Resp: 1674484

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

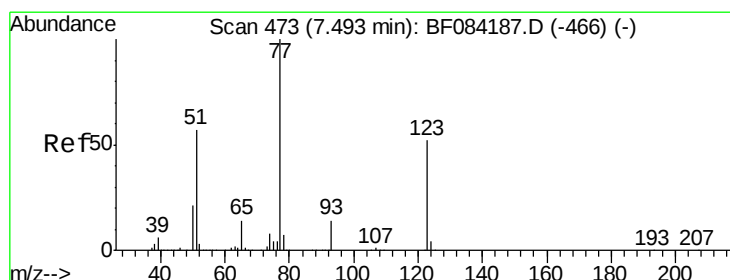
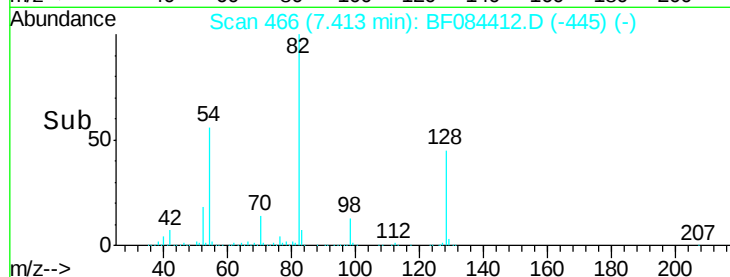
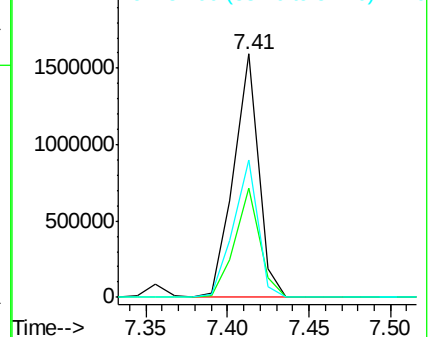
54 56.2 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.36 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

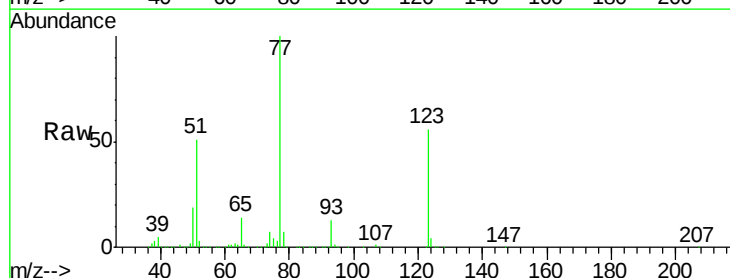
Tgt Ion: 77 Resp: 986481

Ion Ratio Lower Upper

77 100

123 55.6 37.4 56.2

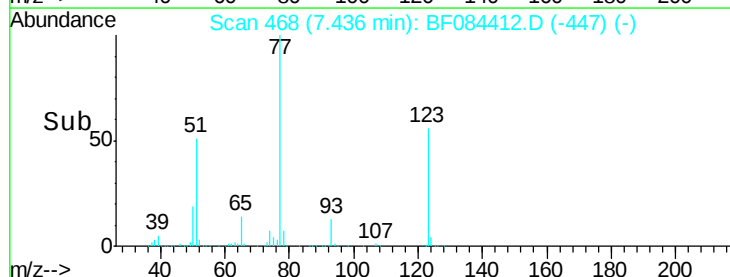
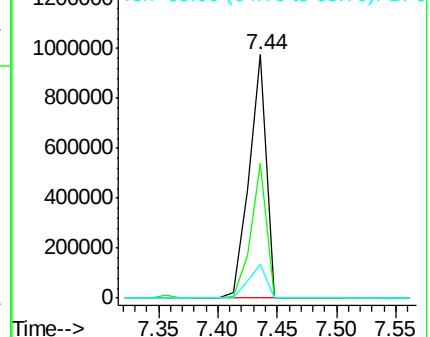
65 13.7 10.9 16.3

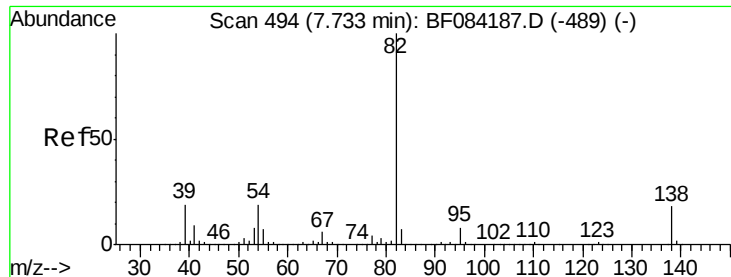


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.31 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

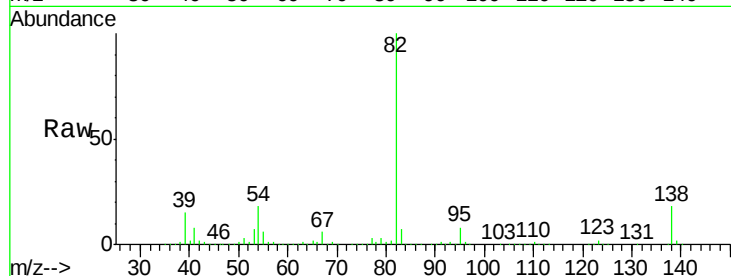
Tgt Ion: 82 Resp: 1722903

Ion Ratio Lower Upper

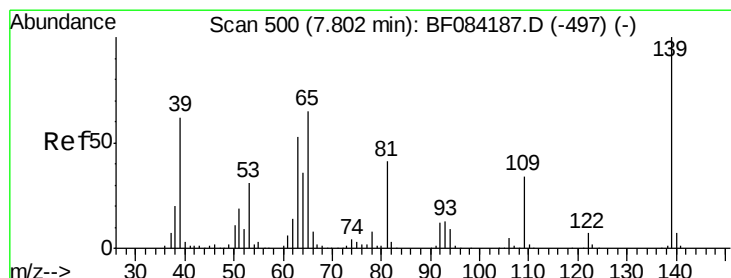
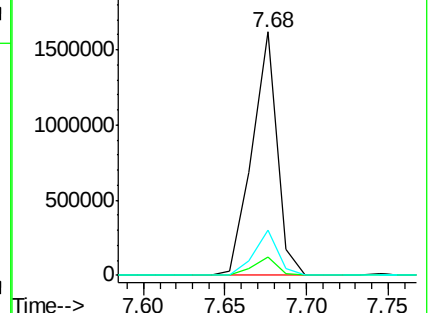
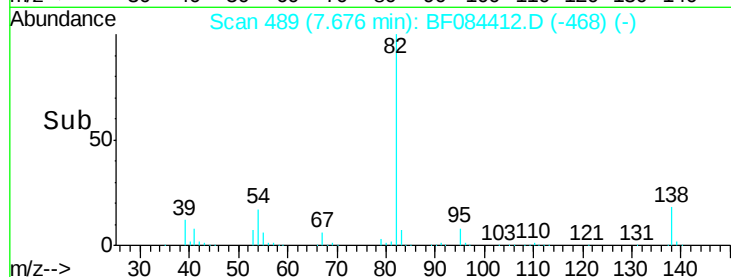
82 100

95 7.6 6.6 10.0

138 18.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 39.23 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

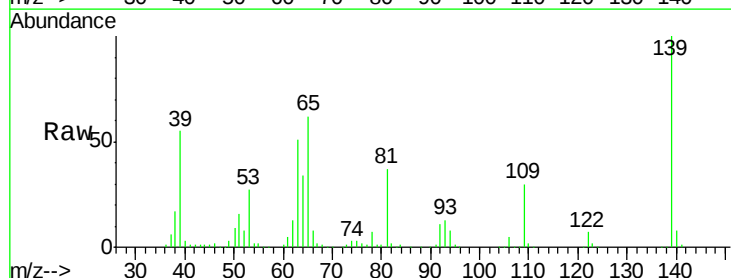
Tgt Ion: 139 Resp: 425811

Ion Ratio Lower Upper

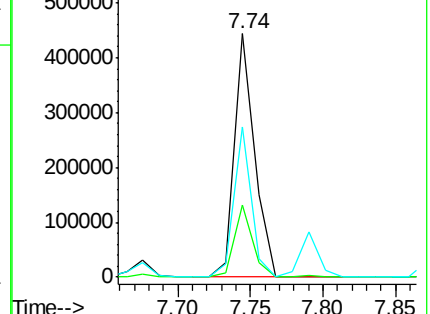
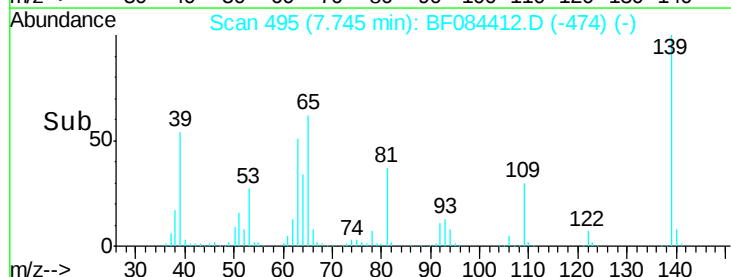
139 100

109 29.6 25.4 38.2

65 61.5 32.3 48.5#



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

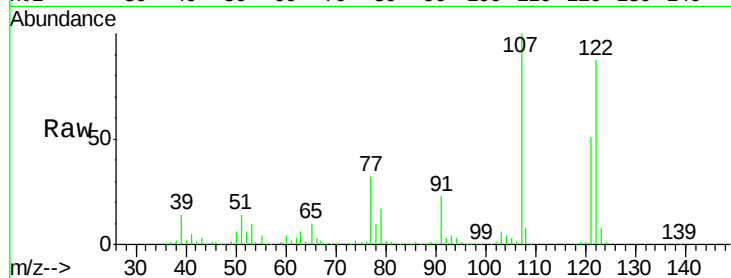




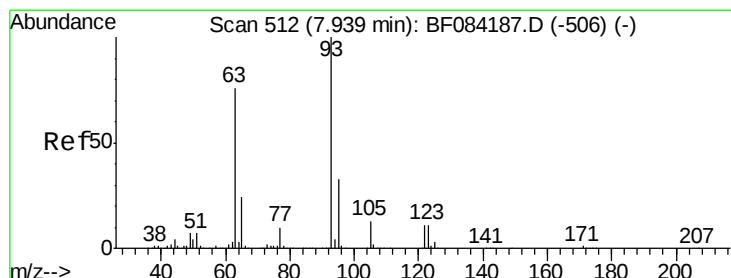
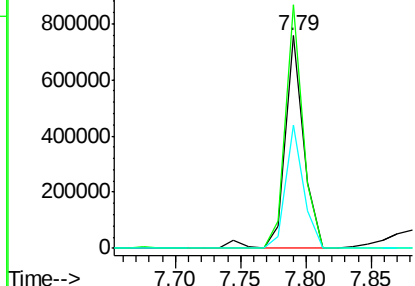
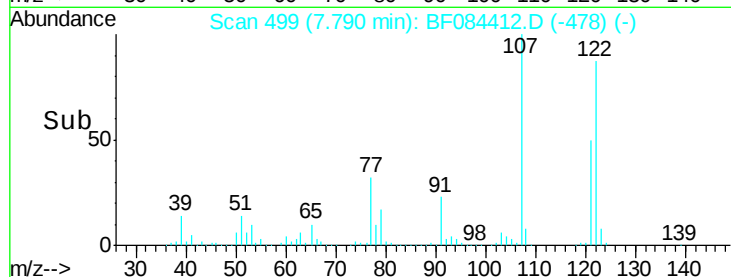
#27
2,4-Dimethylphenol
Concen: 34.80 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 764556
Ion Ratio Lower Upper
122 100
107 114.6 99.1 148.7
121 57.9 47.9 71.9

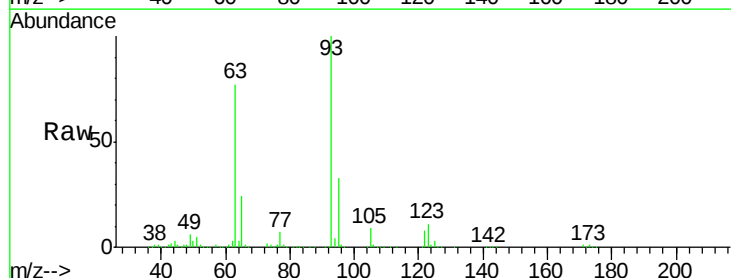


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

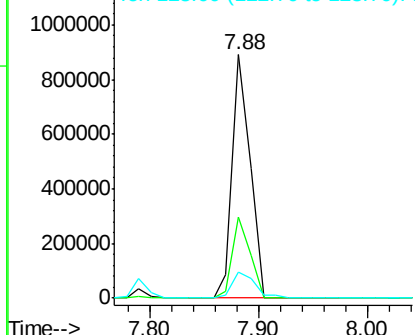
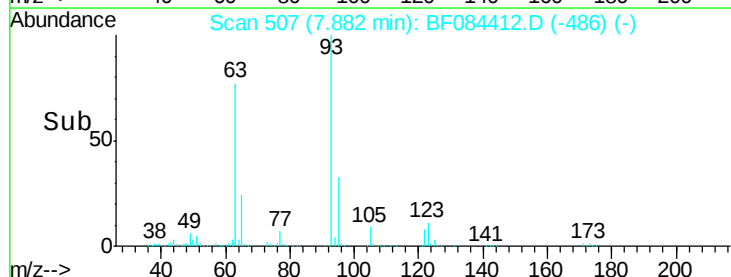


#28
bis(2-Chloroethoxy)methane
Concen: 36.37 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion: 93 Resp: 999121
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.6
123 10.6 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

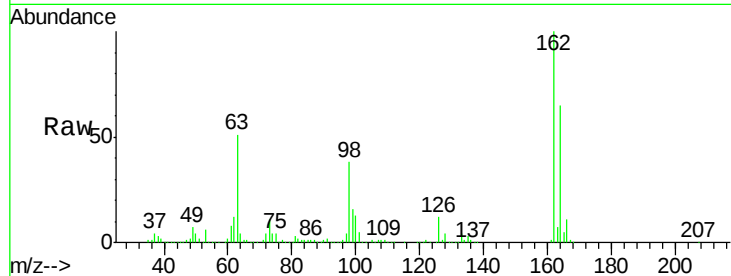




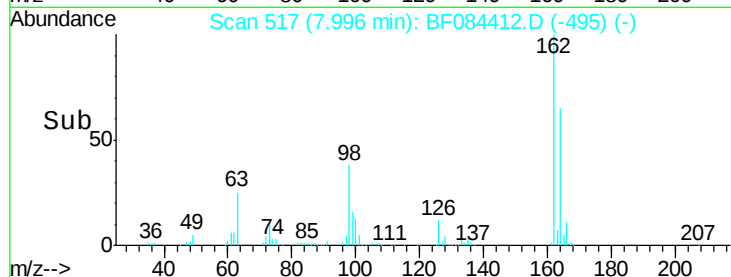
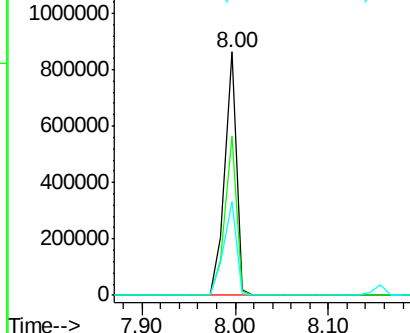
#29
2,4-Dichlorophenol
Concen: 41.17 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 753478
Ion Ratio Lower Upper
162 100
164 65.2 44.1 84.1
98 38.4 20.2 60.2

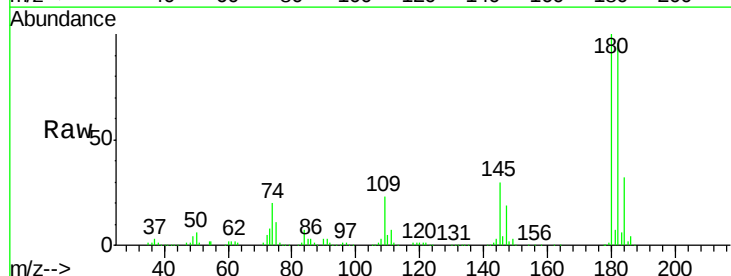


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

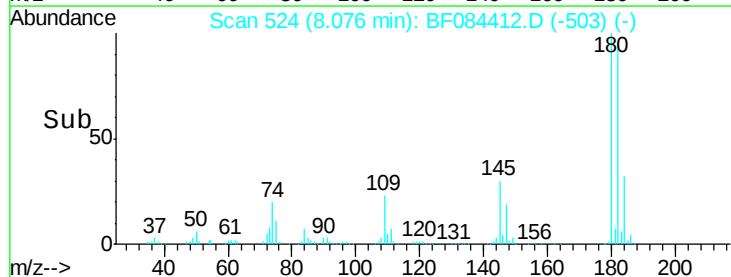
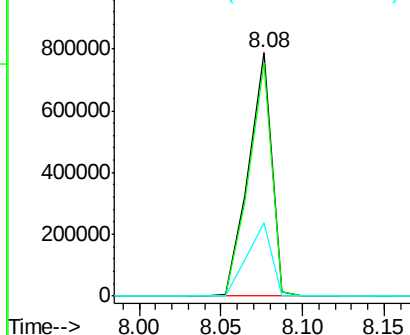


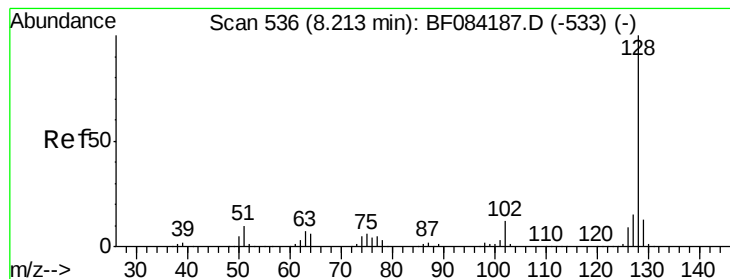
#30
1,2,4-Trichlorobenzene
Concen: 40.92 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:180 Resp: 773175
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 30.1 31.6 47.4#



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





#31

Naphthalene

Concen: 41.07 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

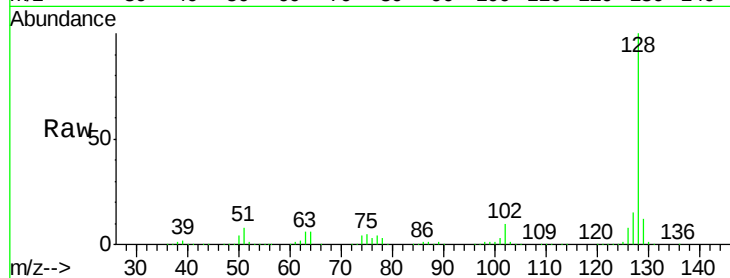
Tgt Ion:128 Resp: 2438415

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

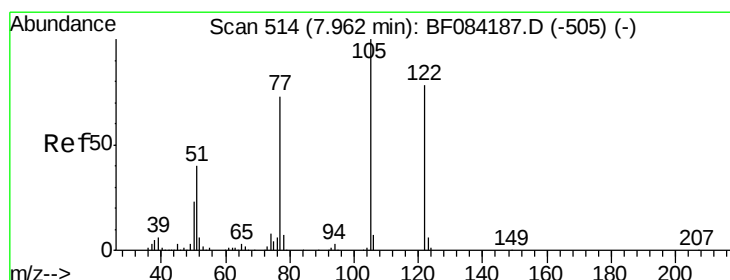
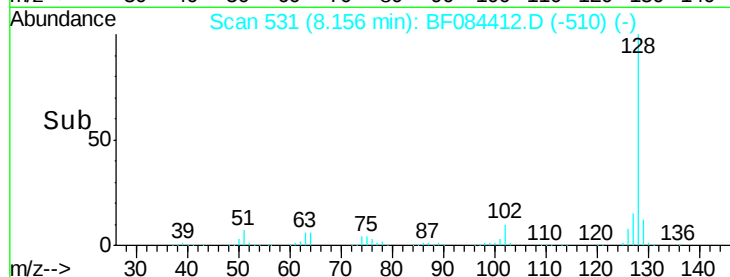
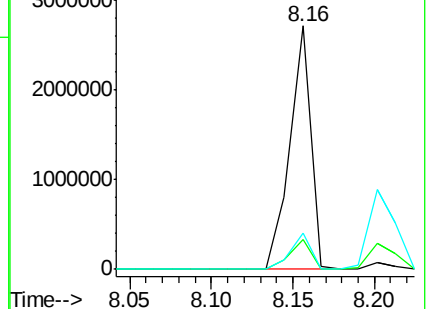
127 14.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.47 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

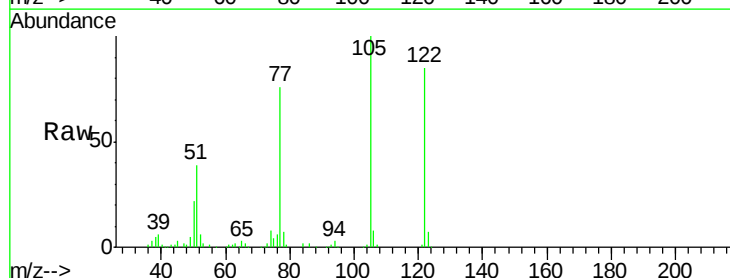
Tgt Ion:122 Resp: 361118

Ion Ratio Lower Upper

122 100

105 117.4 100.3 140.3

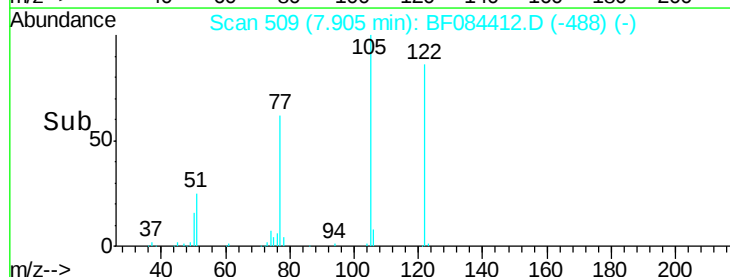
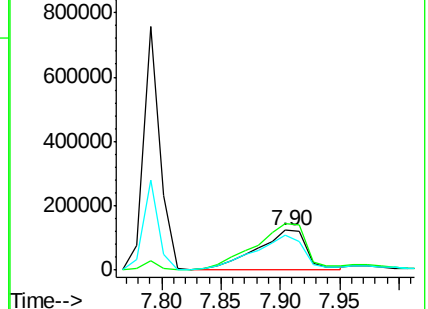
77 89.5 63.5 103.5

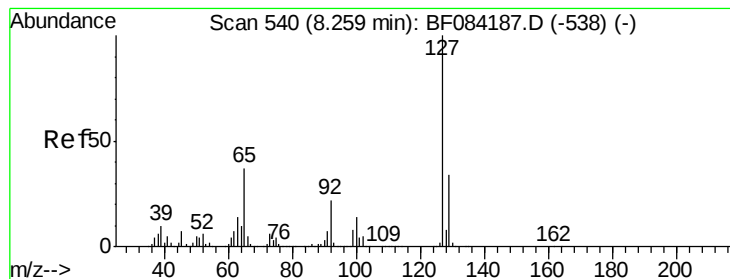


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.04 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 1008161

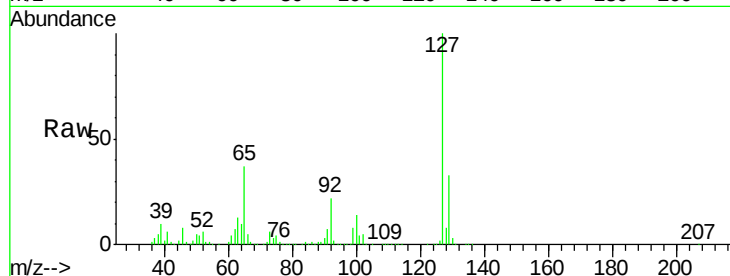
Ion Ratio Lower Upper

127 100

129 32.9 26.5 39.7

65 37.4 27.2 40.8

92 22.2 17.7 26.5

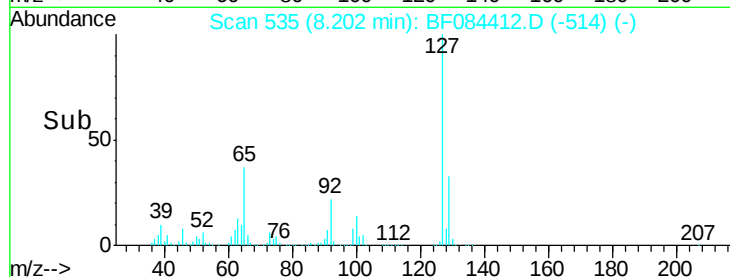


Abundance Ion 127.00 (126.70 to 127.70): E

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



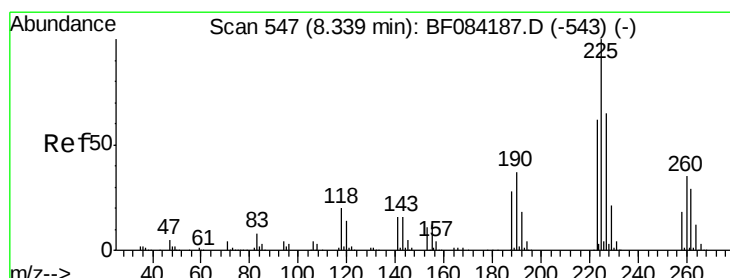
Abundance

8.20

500000

0

Time-->



#34

Hexachlorobutadiene

Concen: 36.20 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.07 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

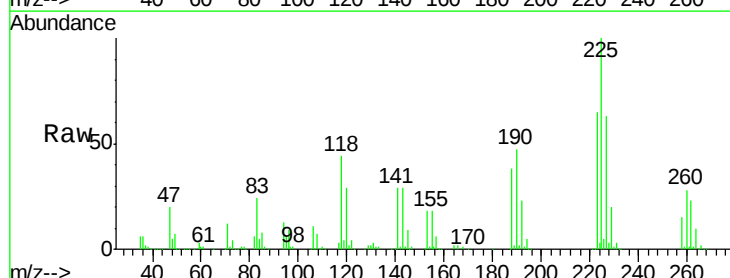
Tgt Ion:225 Resp: 393200

Ion Ratio Lower Upper

225 100

223 64.7 49.4 74.0

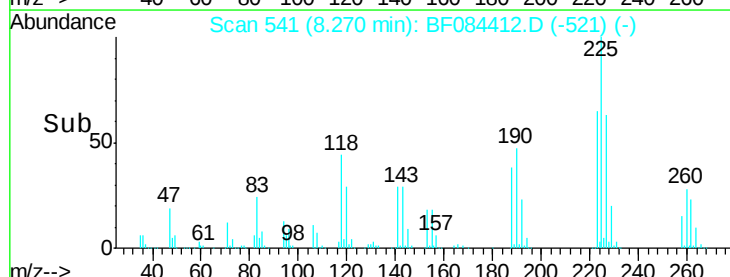
227 63.3 50.8 76.2



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



Abundance

8.27

600000

500000

400000

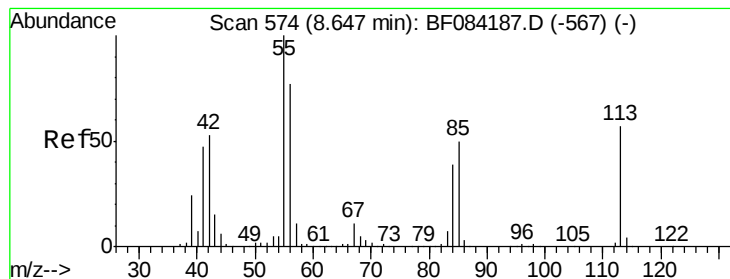
300000

200000

100000

0

Time-->



#35

Caprolactam

Concen: 39.71 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

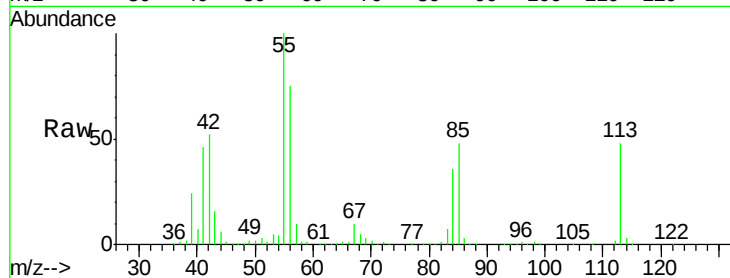
Tgt Ion:113 Resp: 245024

Ion Ratio Lower Upper

113 100

55 207.5 116.9 156.9#

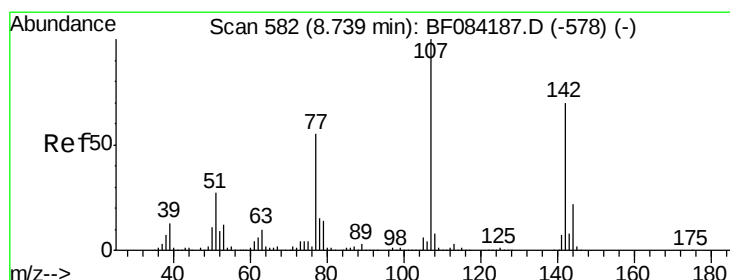
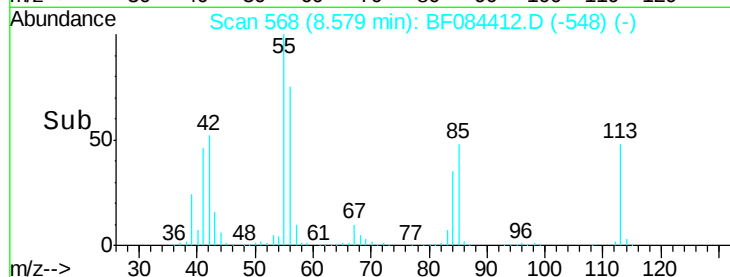
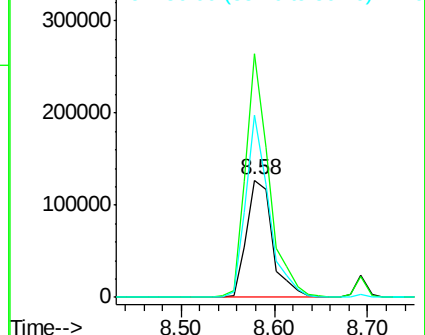
56 155.3 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.20 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

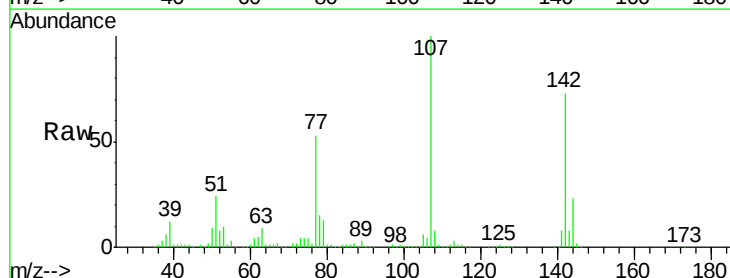
Tgt Ion:107 Resp: 742068

Ion Ratio Lower Upper

107 100

144 23.3 19.7 29.5

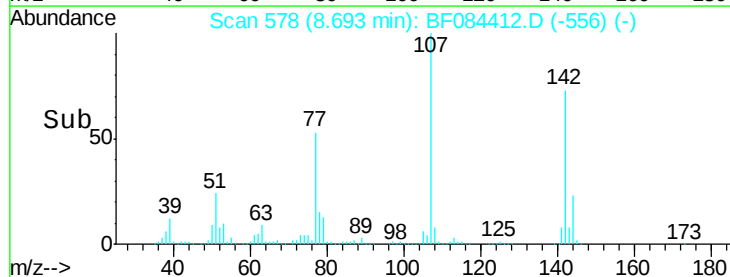
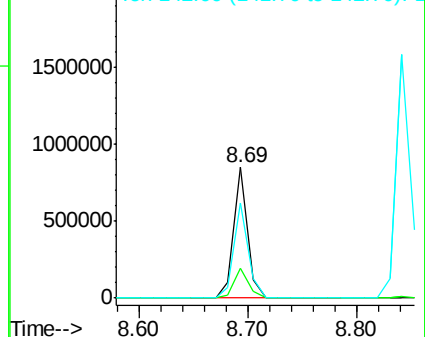
142 72.5 61.8 92.6

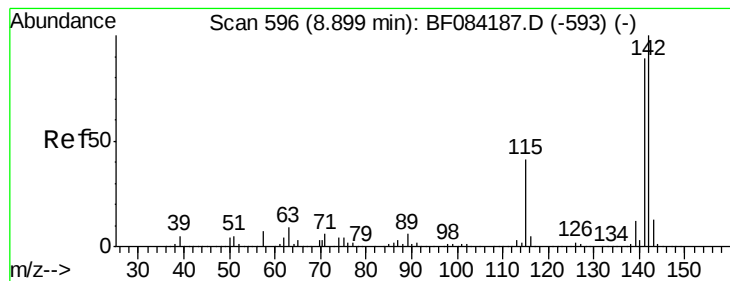


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.71 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

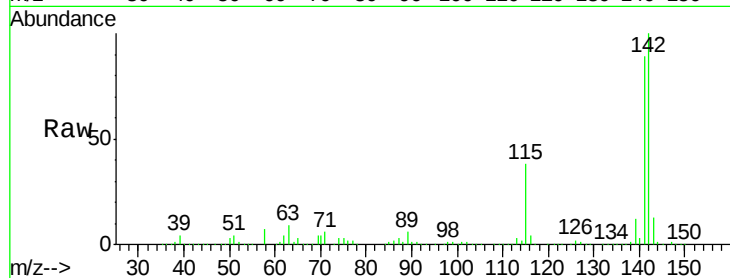
Tgt Ion:142 Resp: 1479302

Ion Ratio Lower Upper

142 100

141 89.0 72.4 108.6

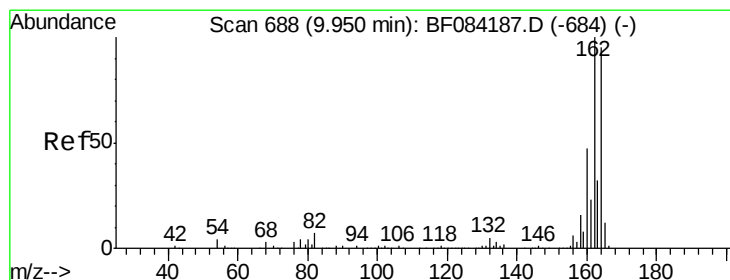
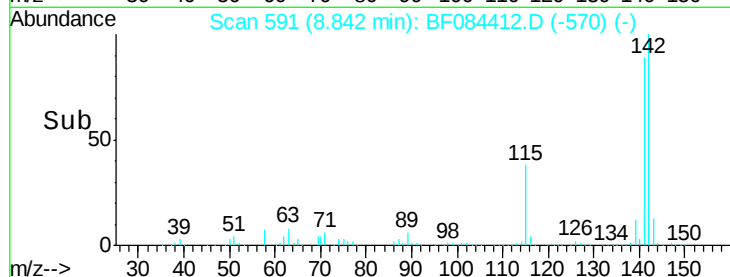
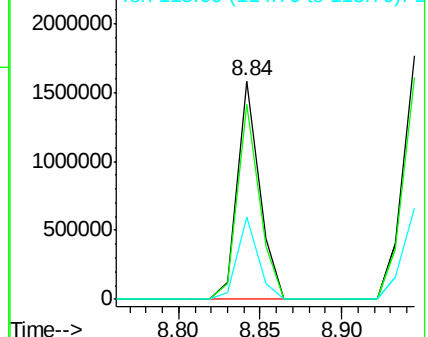
115 37.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

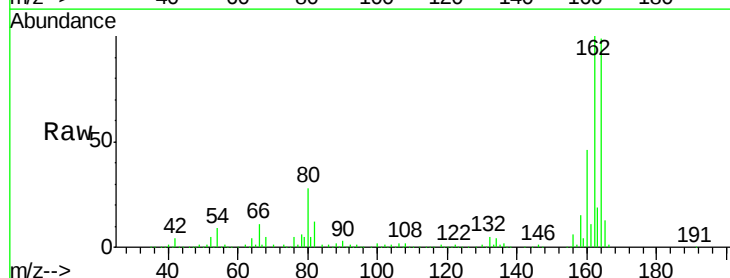
Tgt Ion:164 Resp: 583706

Ion Ratio Lower Upper

164 100

162 101.0 85.1 127.7

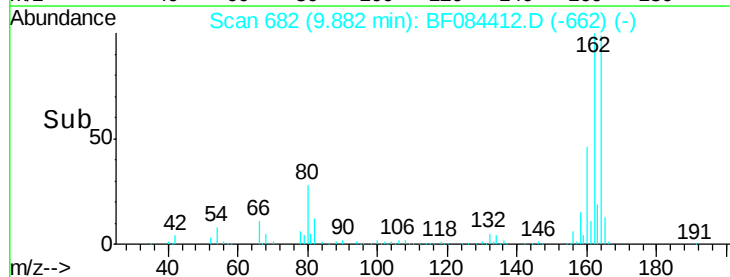
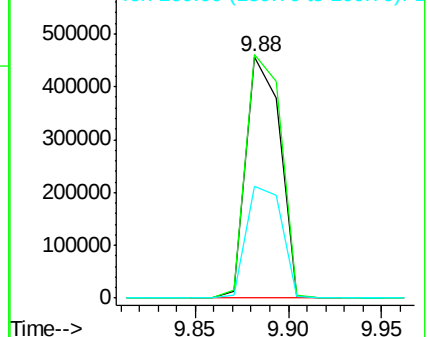
160 46.3 37.5 56.3

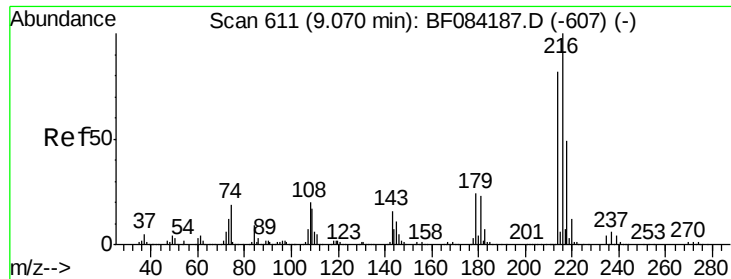


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

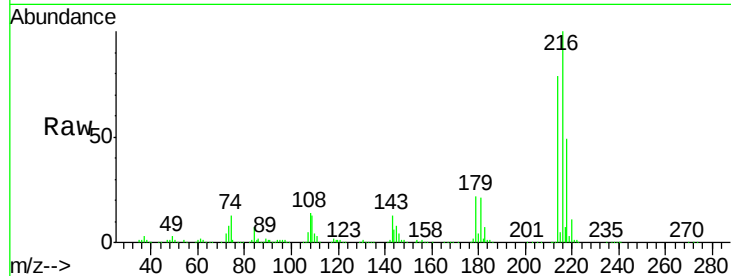




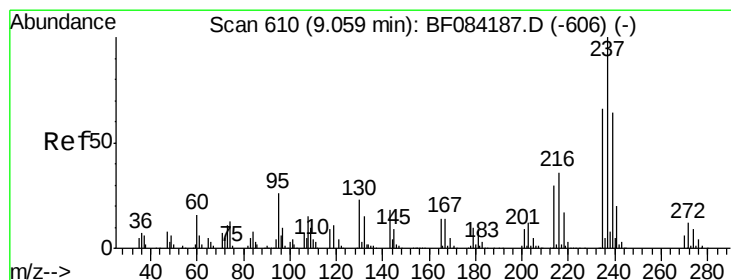
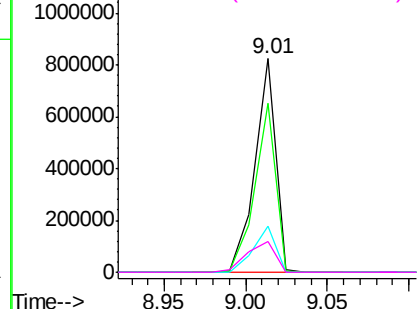
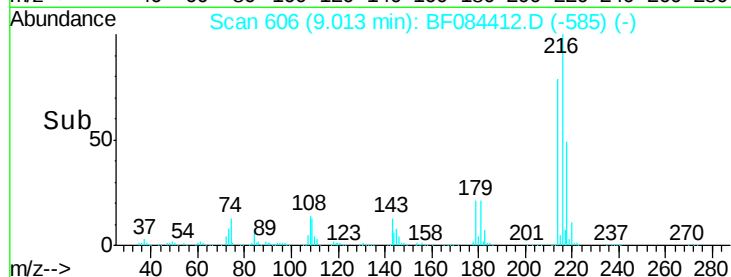
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.24 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	725543
Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.2	96.2
179	23.4	18.7	28.1
108	19.8	16.8	25.2

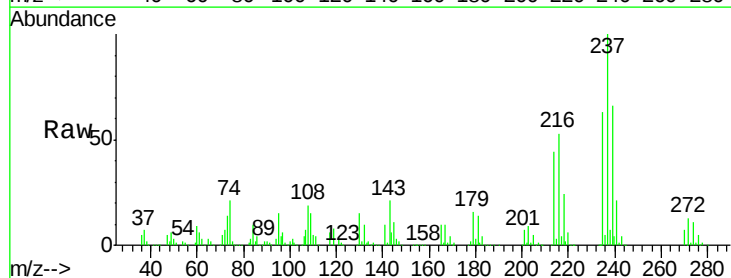


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

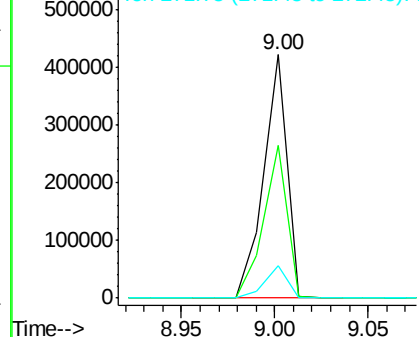
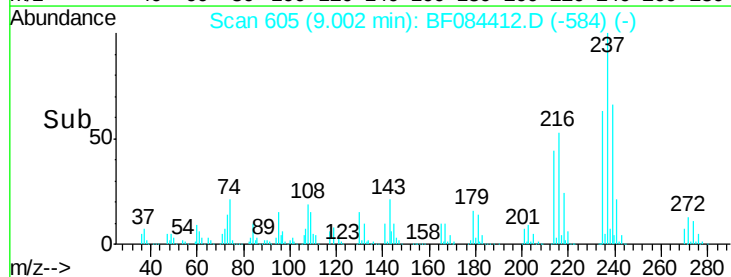


#40
 Hexachlorocyclopentadiene
 Concen: 36.54 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:	237	Resp:	370118
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.1	83.1
272	13.3	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

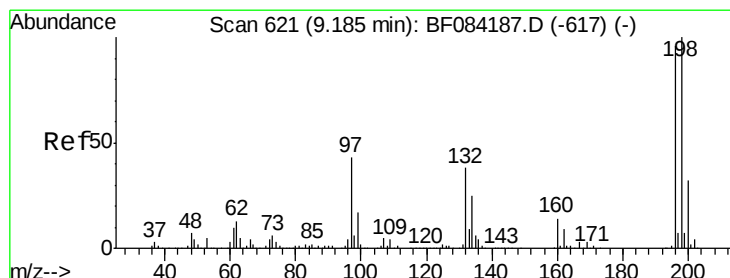
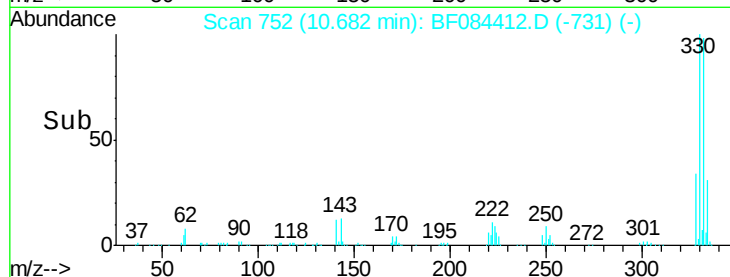
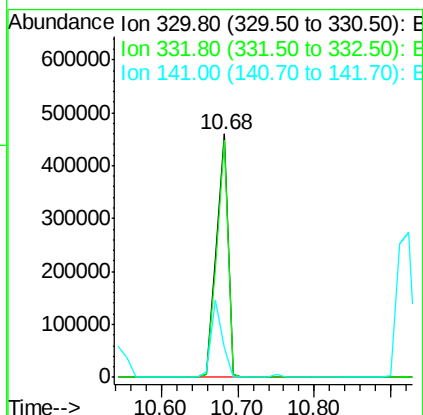
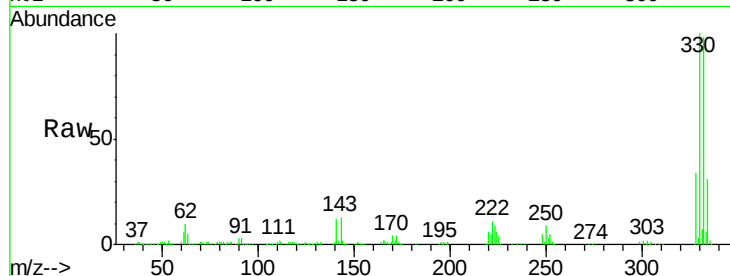




#41
 2,4,6-Tribromophenol
 Concen: 81.47 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

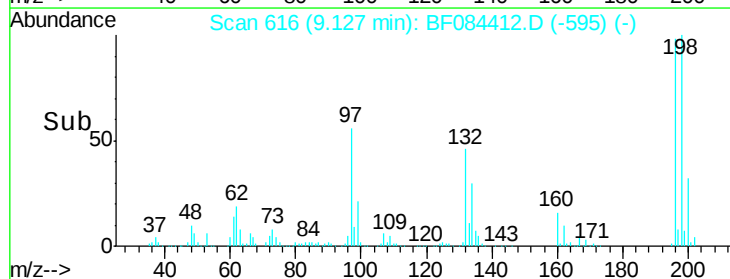
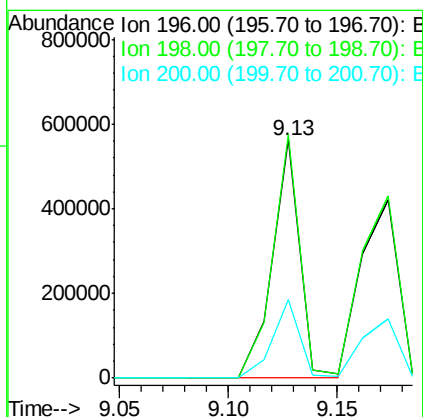
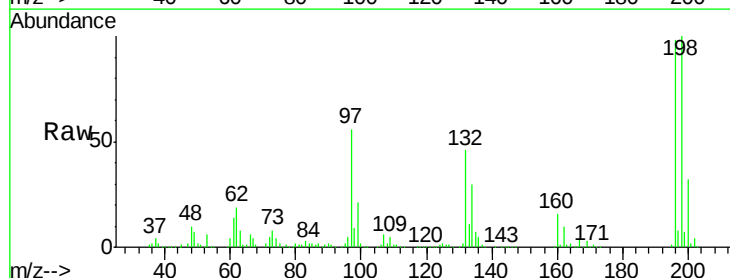
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

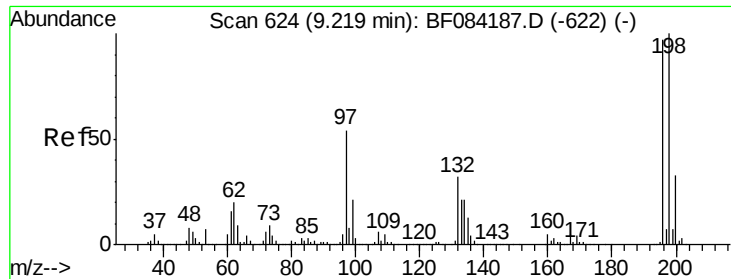
Tgt Ion:330 Resp: 480107
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 30.8 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.66 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:196 Resp: 497852
 Ion Ratio Lower Upper
 196 100
 198 102.3 77.7 116.5
 200 33.0 24.6 37.0

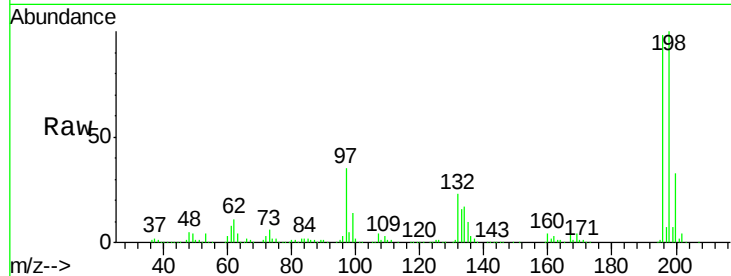




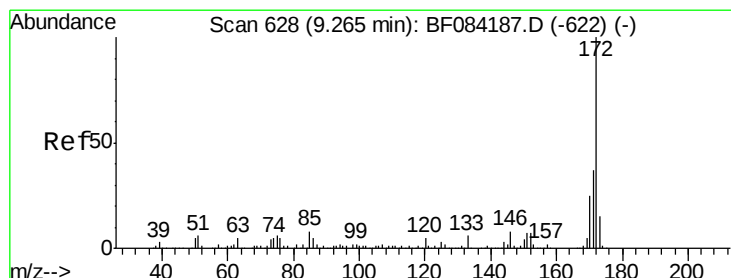
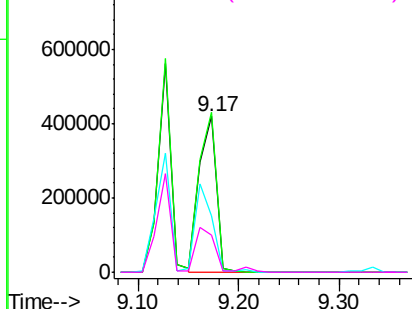
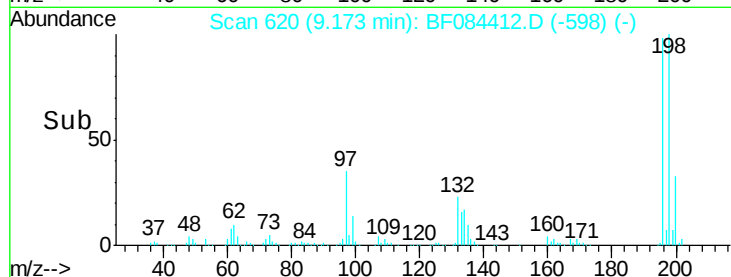
#43
 2,4,5-Trichlorophenol
 Concen: 41.63 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 501024
 Ion Ratio Lower Upper
 196 100
 198 102.3 79.0 118.6
 97 36.3 33.0 49.6
 132 23.8 21.1 31.7

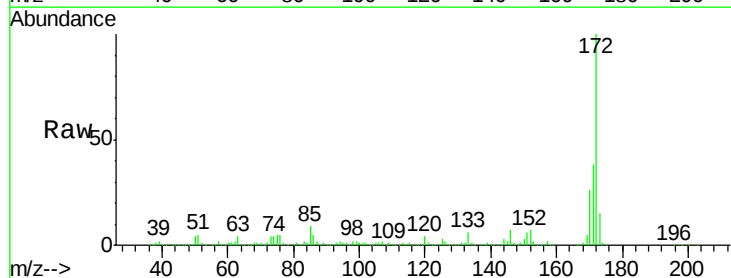


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

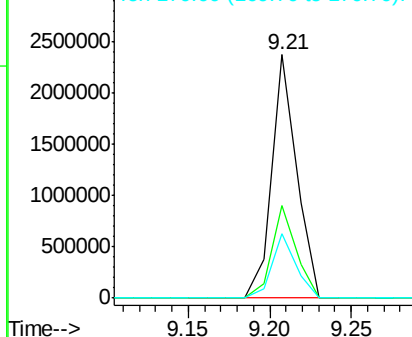
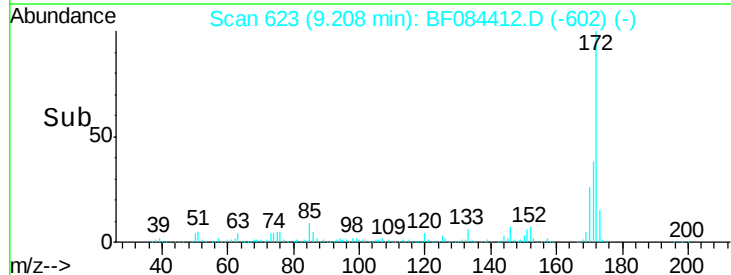


#44
 2-Fluorobiphenyl
 Concen: 75.55 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:172 Resp: 2530187
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 26.3 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

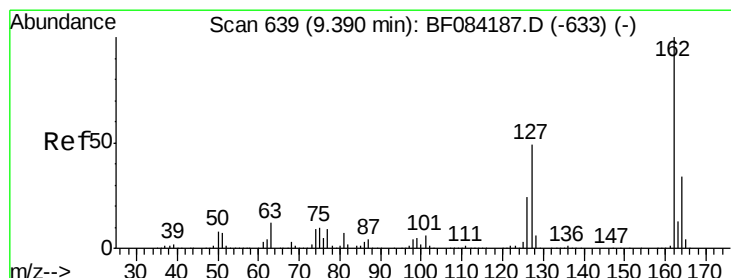
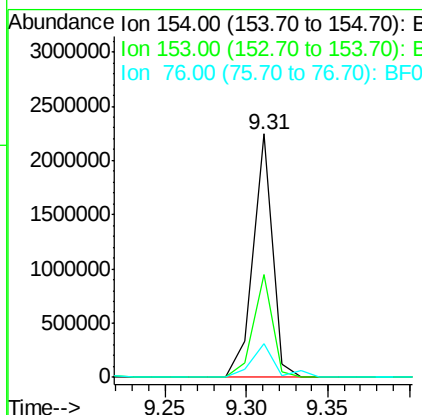
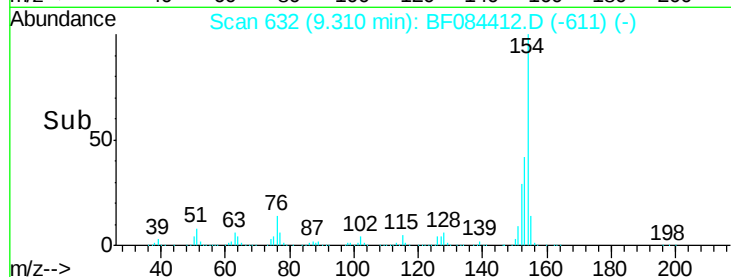
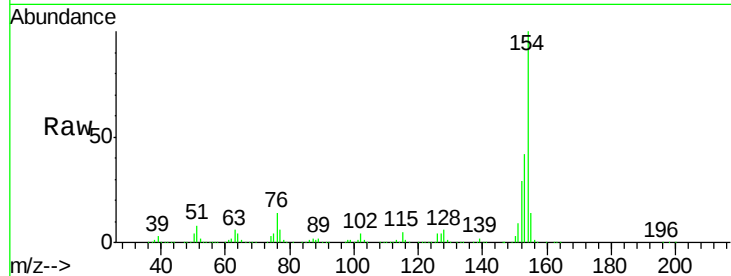




#45
 1,1'-Biphenyl
 Concen: 40.05 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

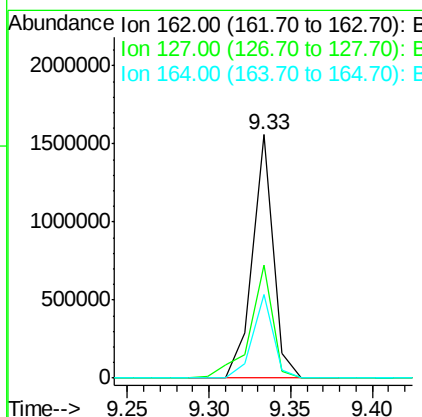
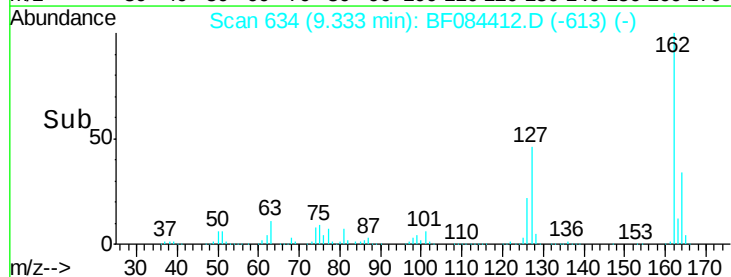
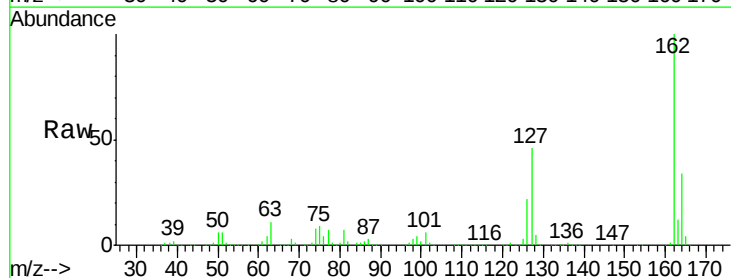
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

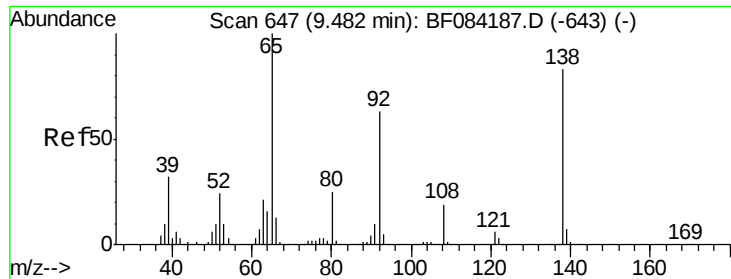
Tgt Ion:154 Resp: 1857855
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.6 61.6
 76 13.8 0.0 32.7



#46
 2-Chloronaphthalene
 Concen: 37.84 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:162 Resp: 1379017
 Ion Ratio Lower Upper
 162 100
 127 46.4 40.2 60.4
 164 34.2 25.7 38.5

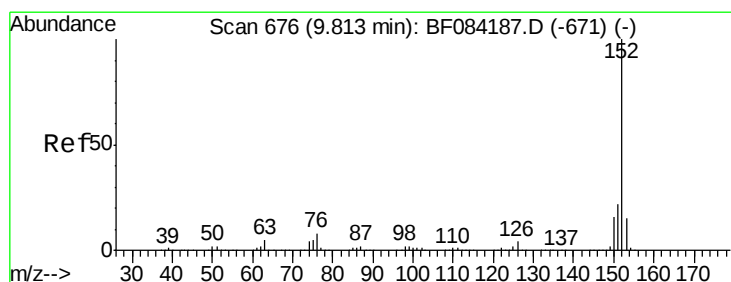
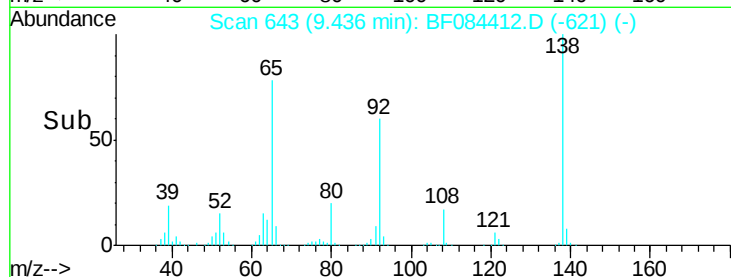
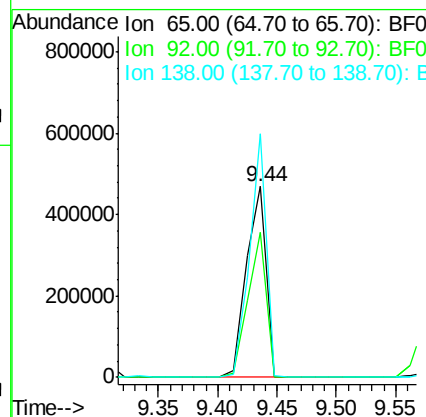
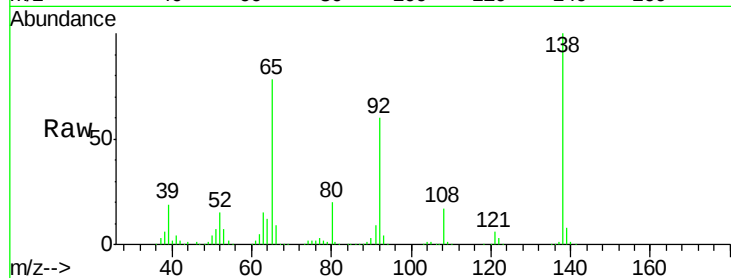




#47
2-Nitroaniline
Concen: 44.93 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

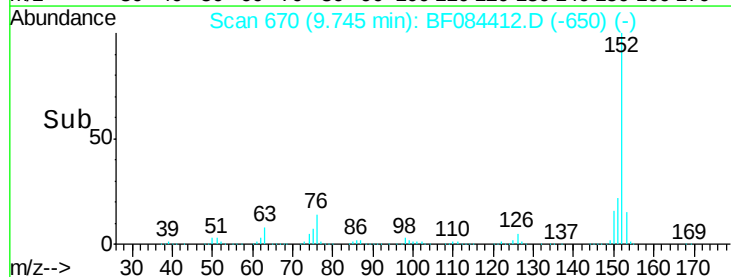
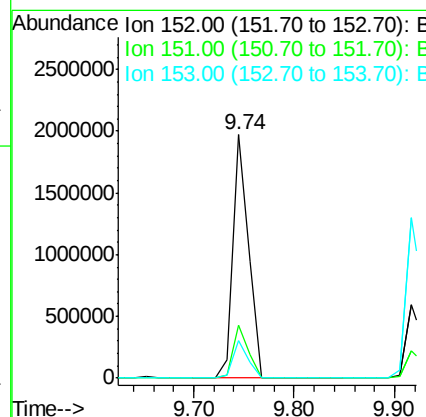
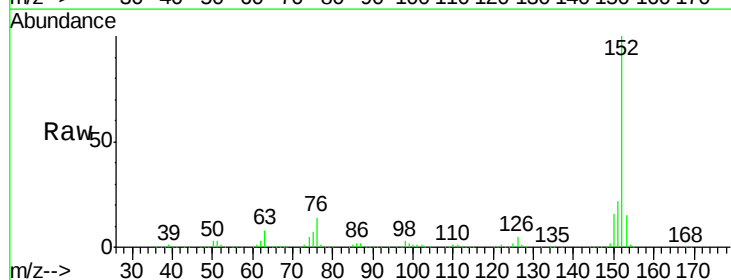
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

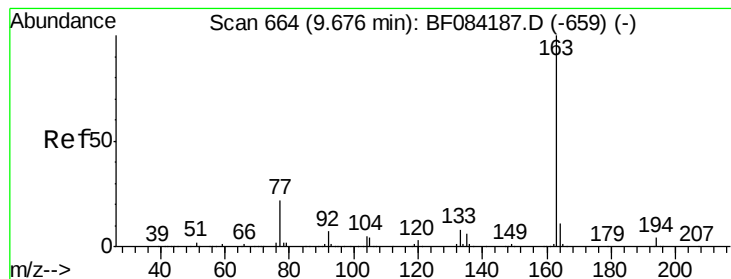
Tgt Ion: 65 Resp: 540386
Ion Ratio Lower Upper
65 100
92 76.1 53.4 80.2
138 127.7 71.1 106.7#



#48
Acenaphthylene
Concen: 39.11 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion: 152 Resp: 2105376
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.5 10.4 15.6





#49

Dimethylphthalate

Concen: 42.07 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

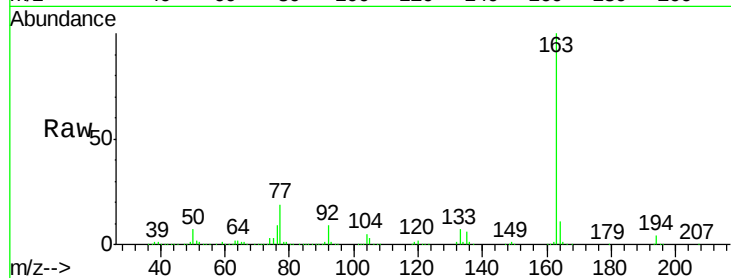
Tgt Ion:163 Resp: 1755643

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

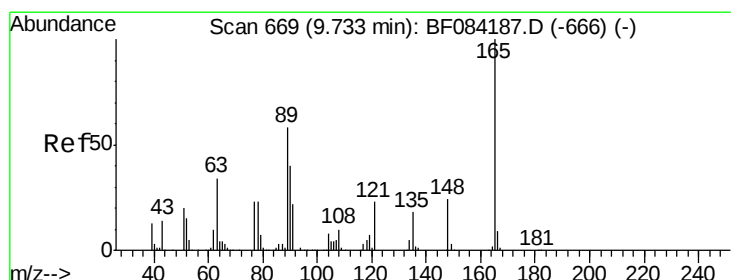
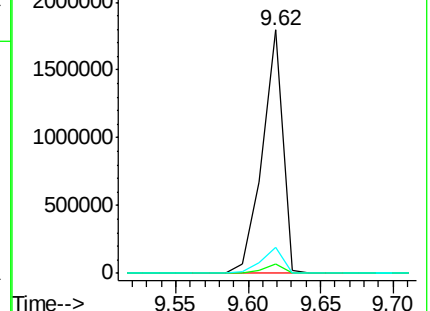
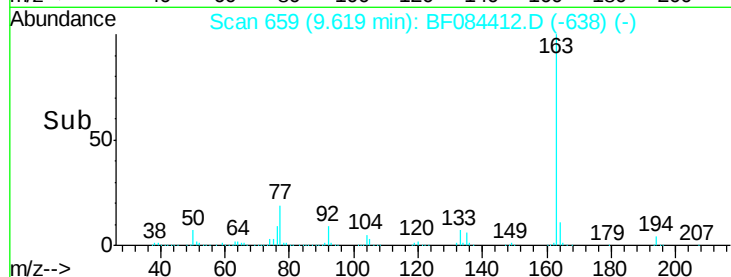
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.35 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

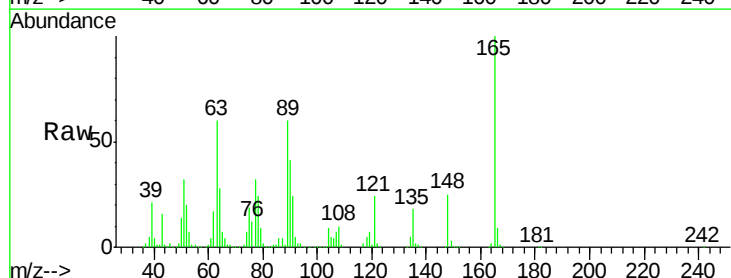
Tgt Ion:165 Resp: 378445

Ion Ratio Lower Upper

165 100

63 60.4 28.8 43.2#

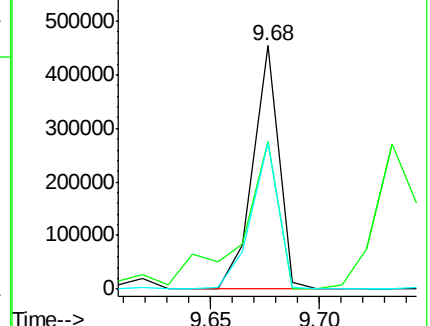
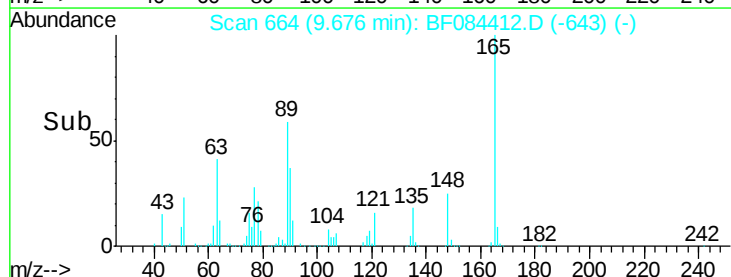
89 60.2 35.1 52.7#

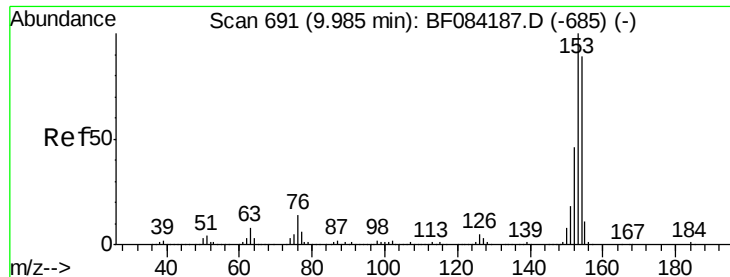


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.84 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

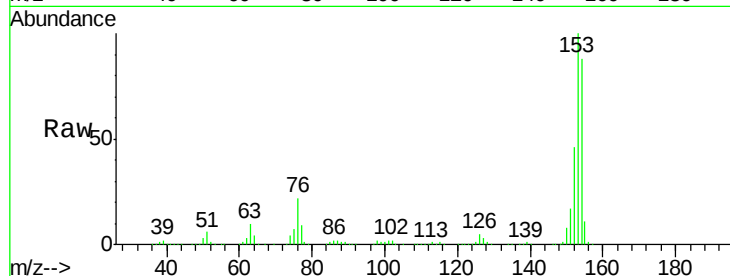
Tgt Ion:154 Resp: 1402613

Ion Ratio Lower Upper

154 100

153 113.5 91.5 137.3

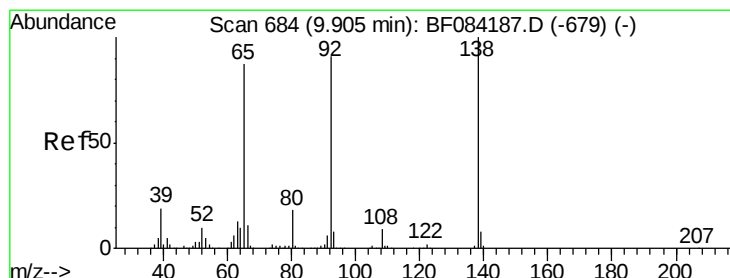
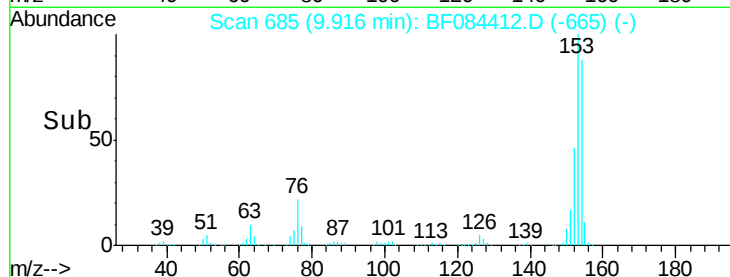
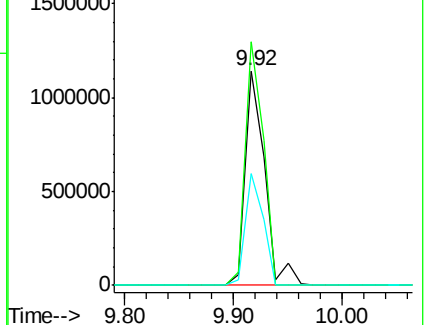
152 52.0 43.0 64.6



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: 44.45 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

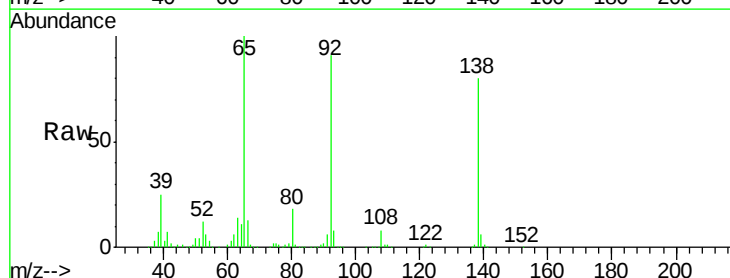
Tgt Ion:138 Resp: 504089

Ion Ratio Lower Upper

138 100

108 10.2 10.5 15.7#

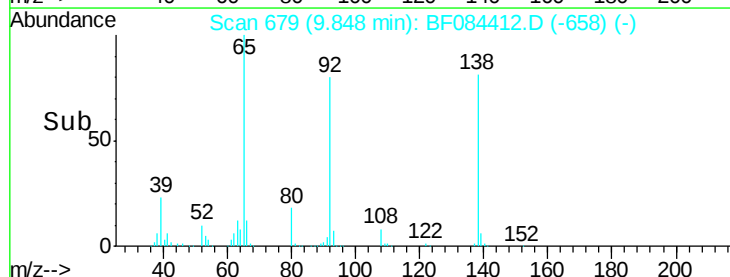
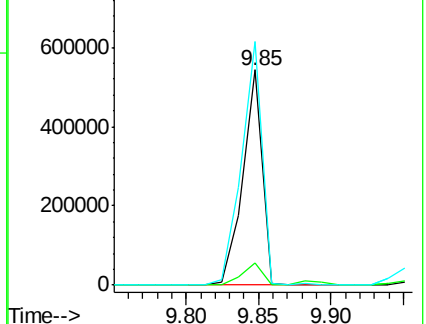
92 113.1 103.9 155.9



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

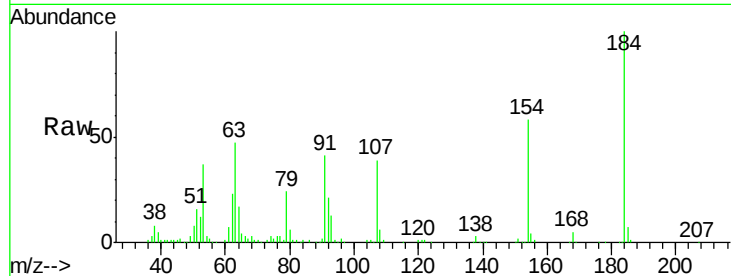




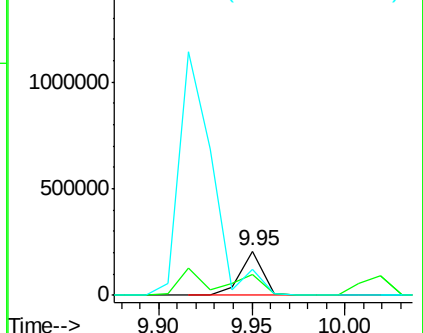
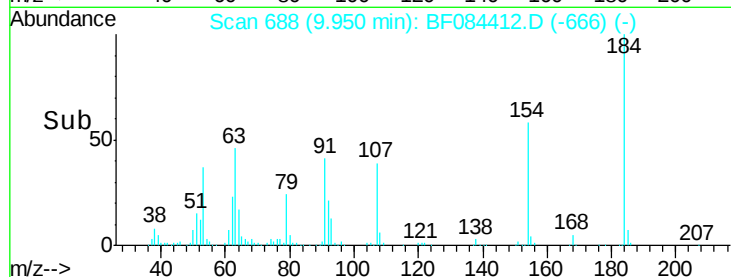
#53
2,4-Dinitrophenol
Concen: 47.43 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 179002
Ion Ratio Lower Upper
184 100
63 46.6 43.1 64.7
154 58.0 60.5 90.7#

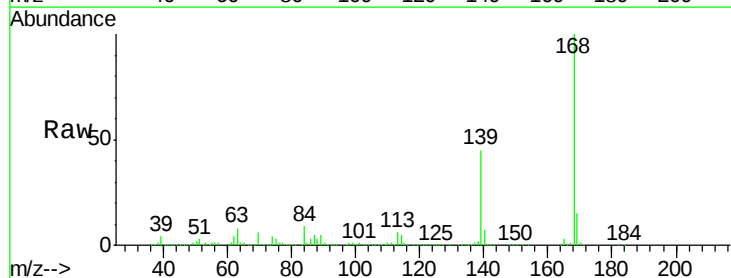


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

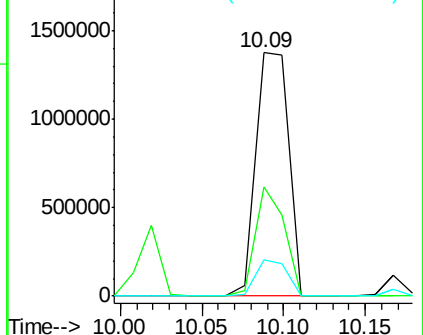
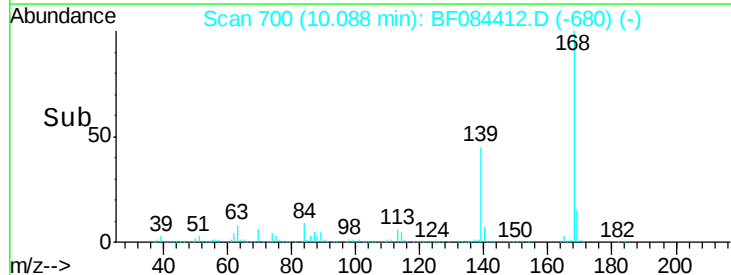


#54
Dibenzofuran
Concen: 40.85 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:168 Resp: 1923571
Ion Ratio Lower Upper
168 100
139 44.6 30.5 45.7
169 14.8 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

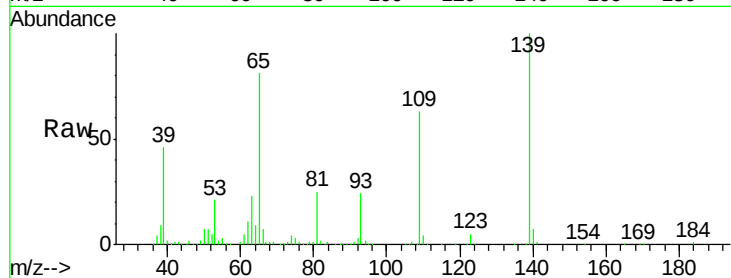




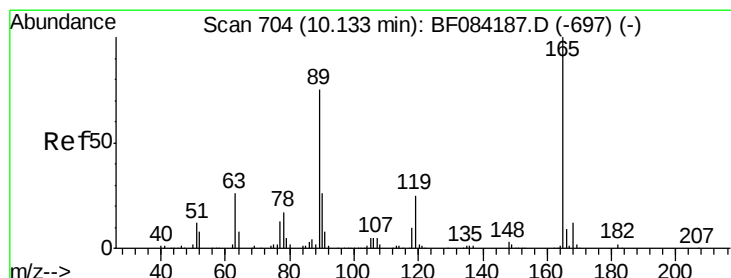
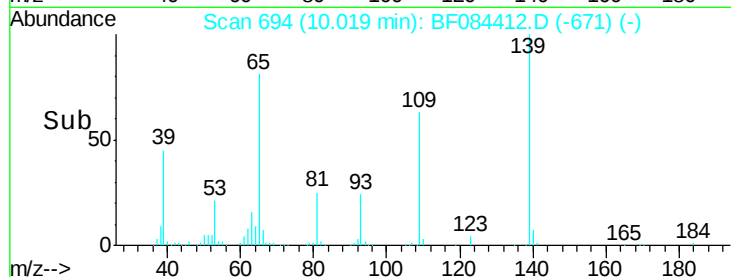
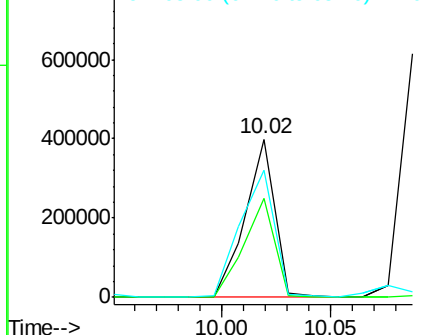
#55
4-Nitrophenol
Concen: 45.75 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 376648
Ion Ratio Lower Upper
139 100
109 63.0 58.5 98.5
65 80.7 57.6 97.6

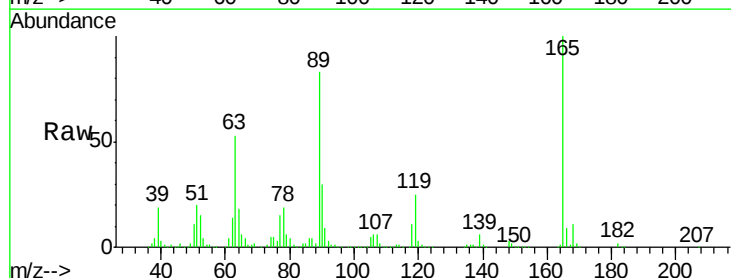


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

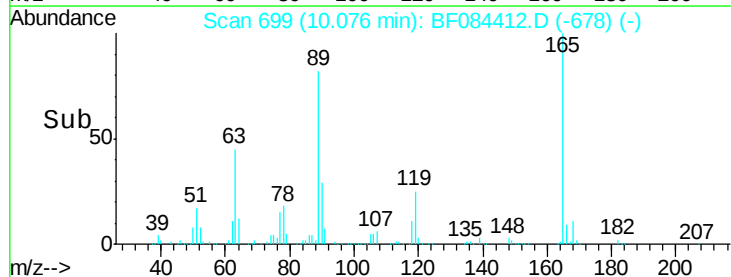
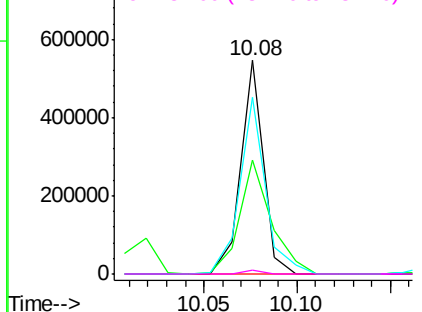


#56
2,4-Dinitrotoluene
Concen: 39.94 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:165 Resp: 462592
Ion Ratio Lower Upper
165 100
63 53.2 36.7 55.1
89 82.5 61.9 92.9
182 2.0 2.0 3.0



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





#57

Fluorene

Concen: 37.55 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

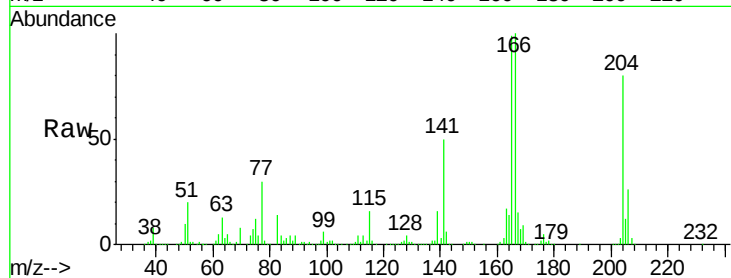
Tgt Ion:166 Resp: 1372468

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

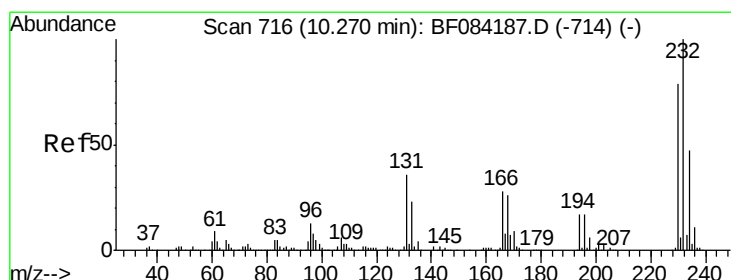
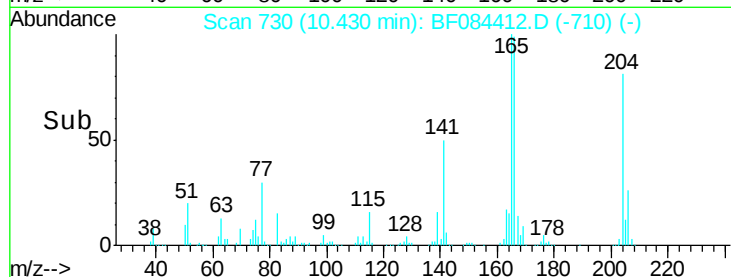
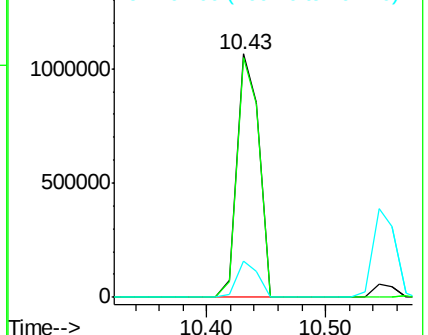
167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.54 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Tgt Ion:232 Resp: 406295

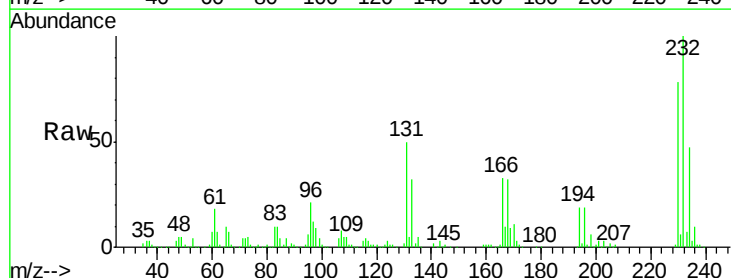
Ion Ratio Lower Upper

232 100

131 51.9 47.0 70.6

130 2.4 2.0 3.0

166 33.8 30.5 45.7

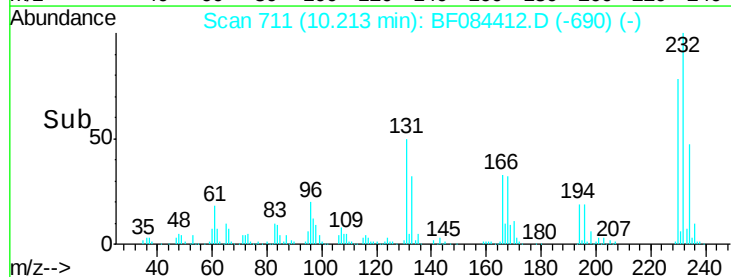
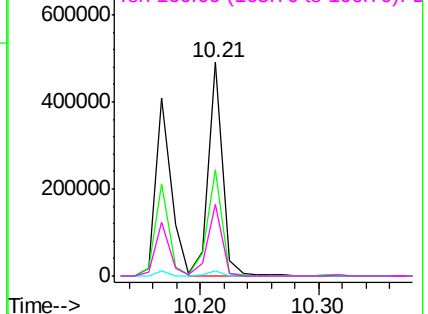


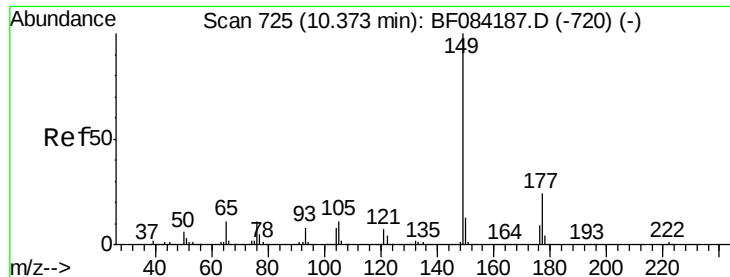
Abundance Ion 232.00 (231.70 to 232.70): E

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

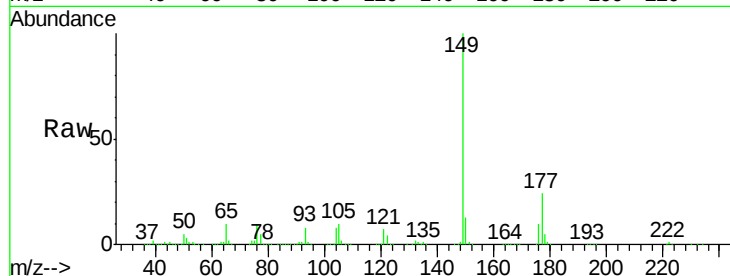




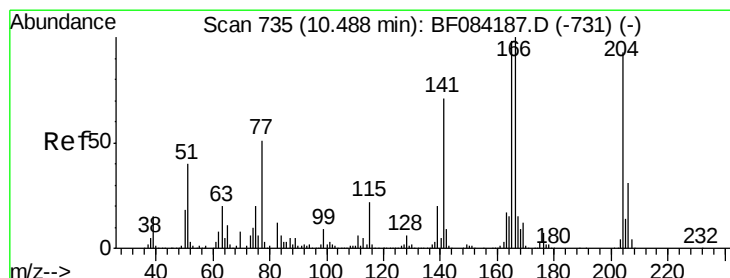
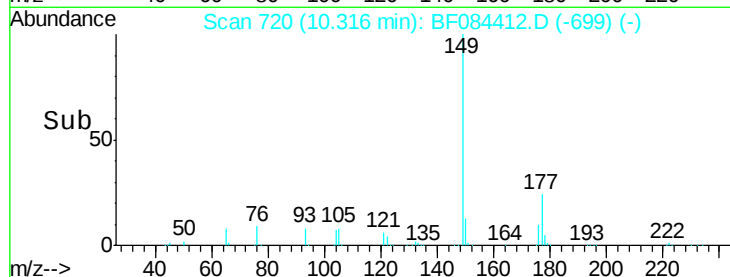
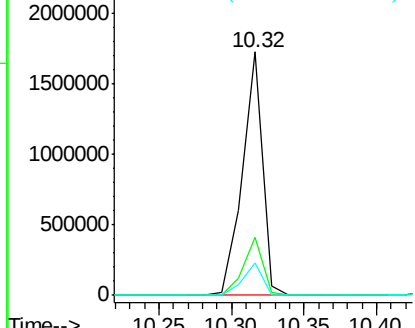
#59
Diethylphthalate
Concen: 40.37 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1660973
Ion Ratio Lower Upper
149 100
177 23.8 17.3 25.9
150 13.1 9.8 14.8

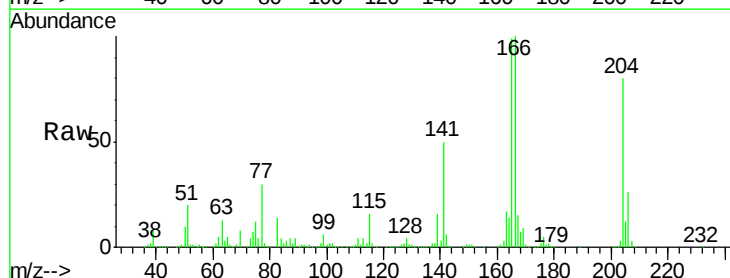


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

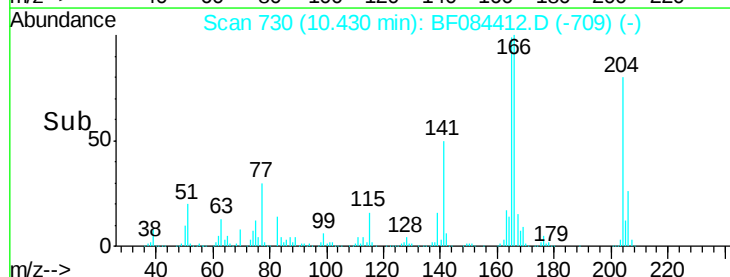
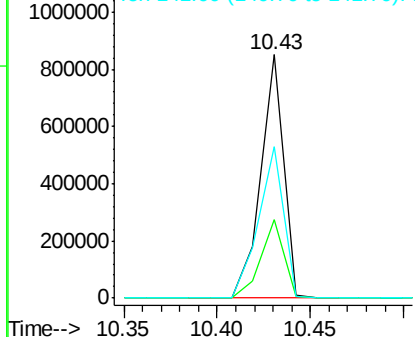


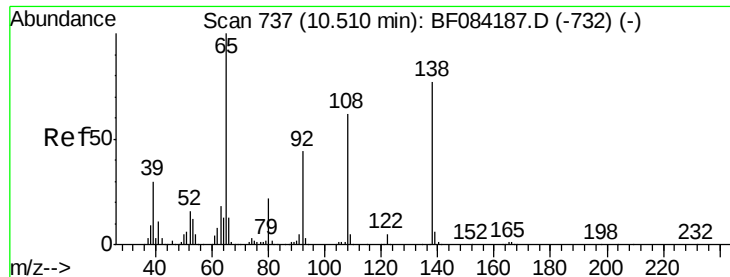
#60
4-Chlorophenyl-phenylether
Concen: 47.26 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:204 Resp: 715058
Ion Ratio Lower Upper
204 100
206 32.3 25.7 38.5
141 62.0 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: 47.21 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

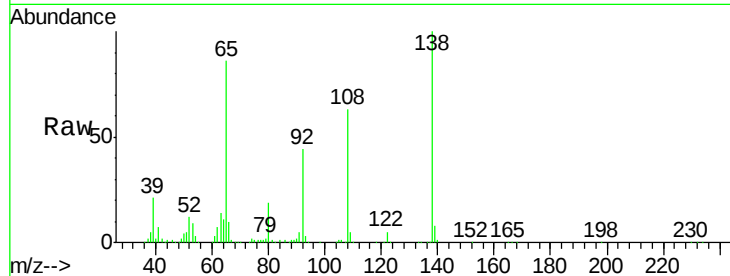
Tgt Ion:138 Resp: 477233

Ion Ratio Lower Upper

138 100

92 43.6 32.6 72.6

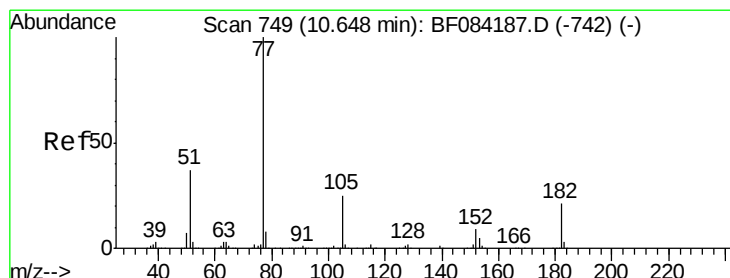
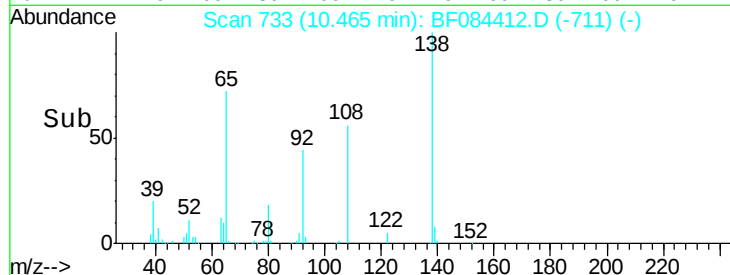
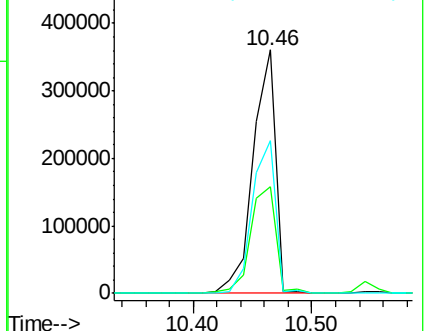
108 62.7 68.6 108.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.86 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Tgt Ion: 77 Resp: 1888871

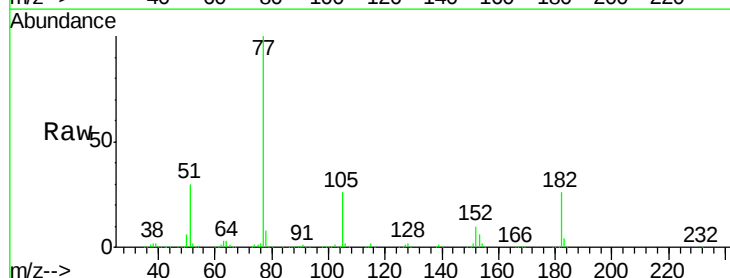
Ion Ratio Lower Upper

77 100

182 26.3 8.3 48.3

105 26.3 4.6 44.6

51 29.7 6.2 46.2

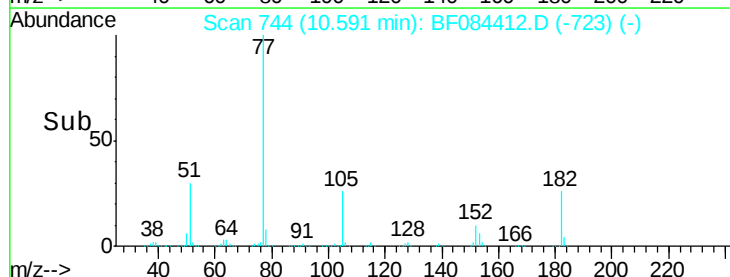
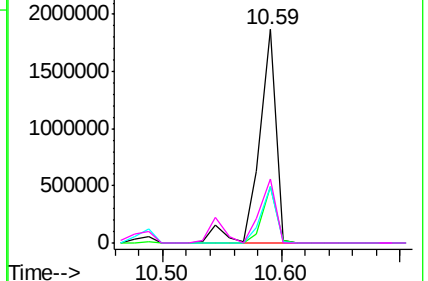


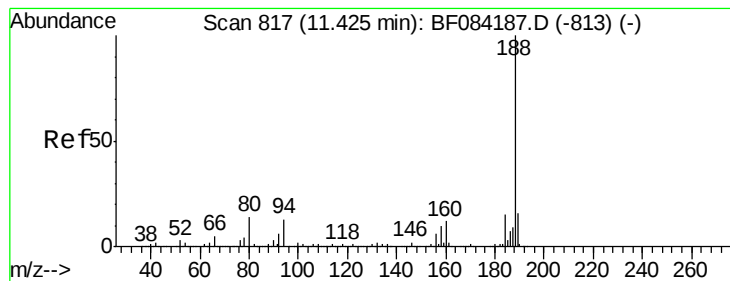
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

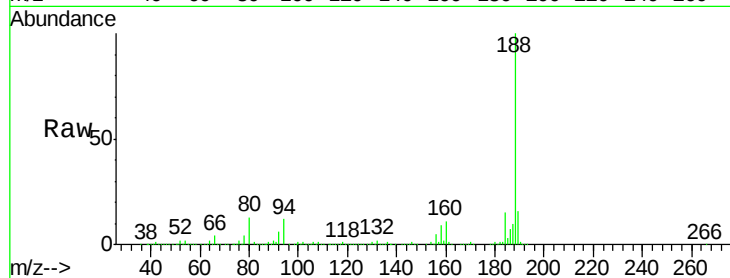
Tgt Ion:188 Resp: 1069183

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.4

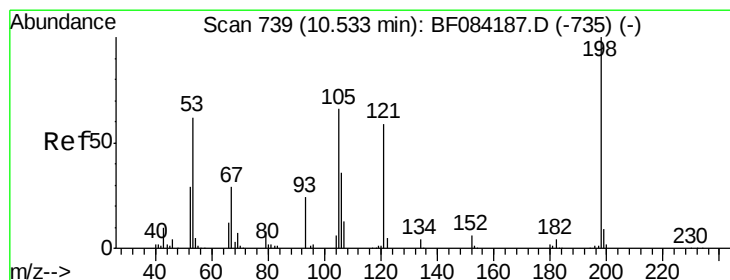
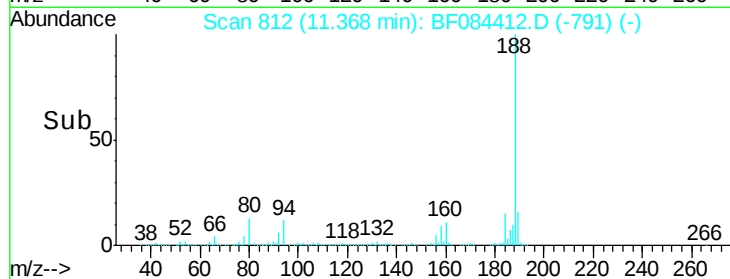
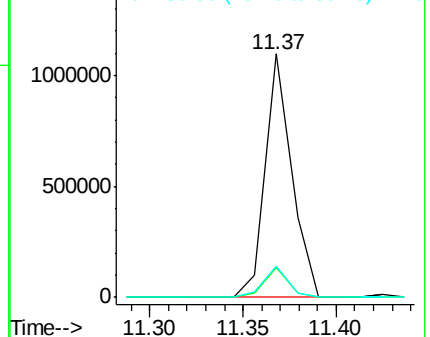
80 13.0 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.85 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

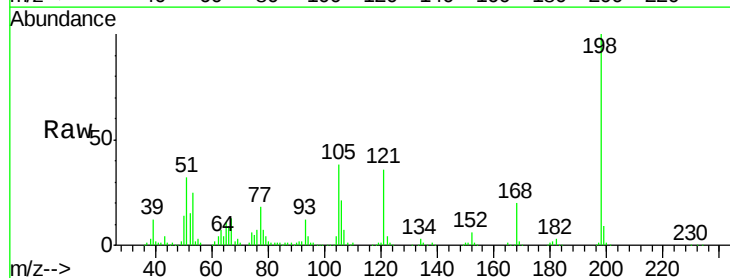
Tgt Ion:198 Resp: 279490

Ion Ratio Lower Upper

198 100

51 32.2 18.9 58.9

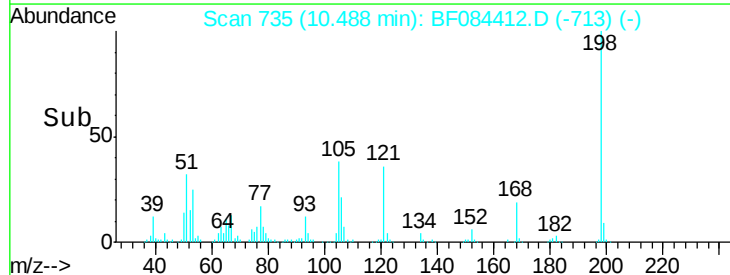
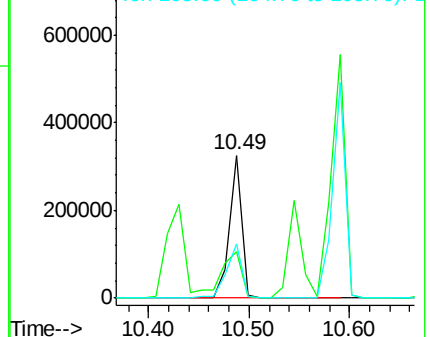
105 38.2 26.4 66.4

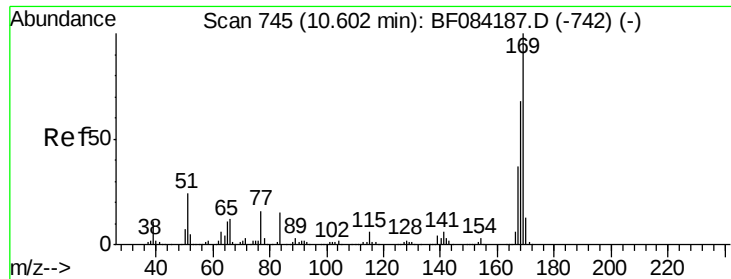


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.86 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

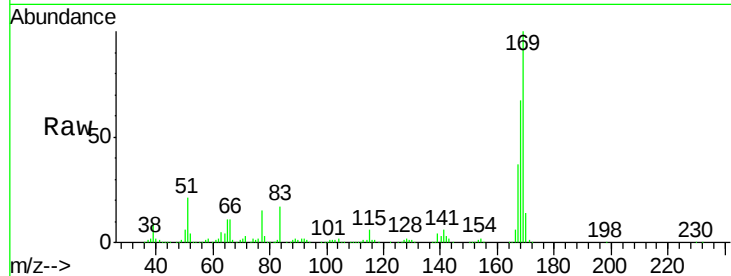
Tgt Ion:169 Resp: 1328397

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

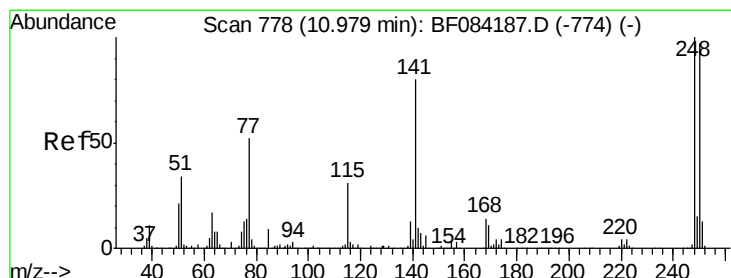
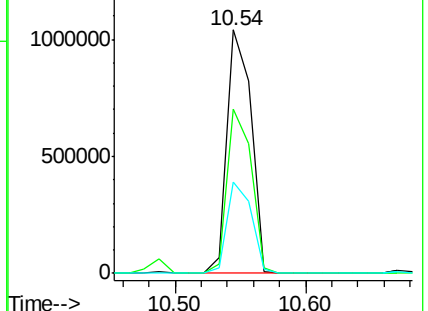
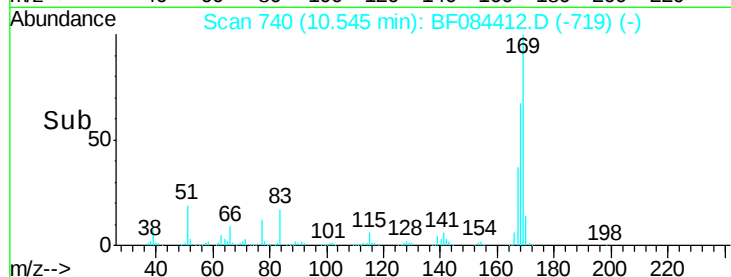
167 37.4 30.0 45.0



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: 42.47 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

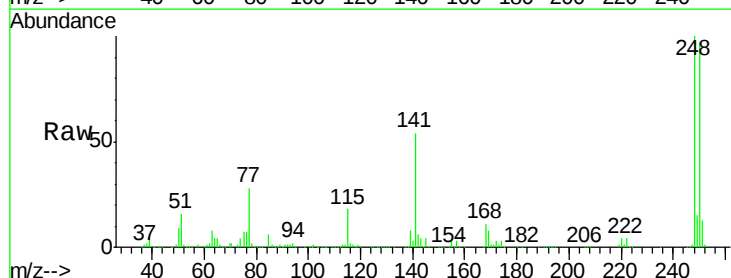
Tgt Ion:248 Resp: 488698

Ion Ratio Lower Upper

248 100

250 96.6 78.4 117.6

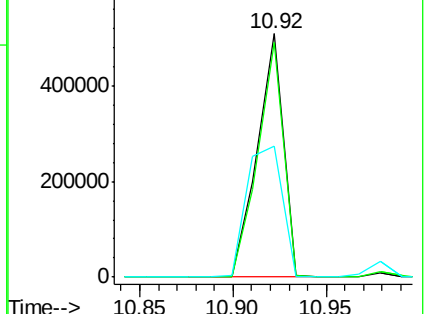
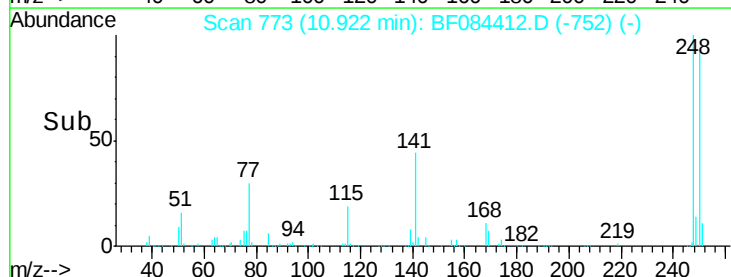
141 53.8 44.0 66.0

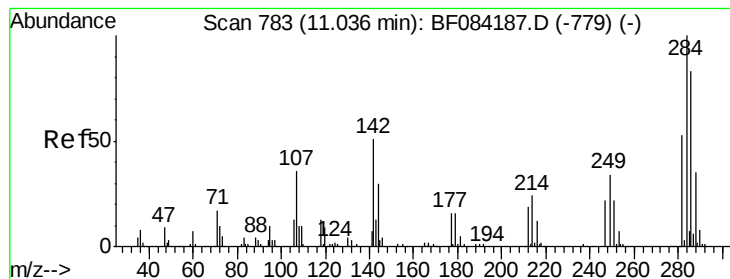


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.88 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

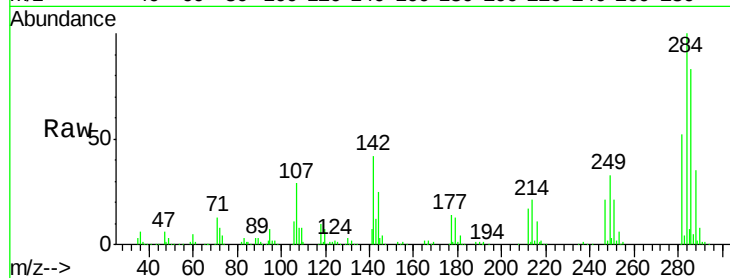
Tgt Ion:284 Resp: 464795

Ion Ratio Lower Upper

284 100

142 42.3 22.2 33.4#

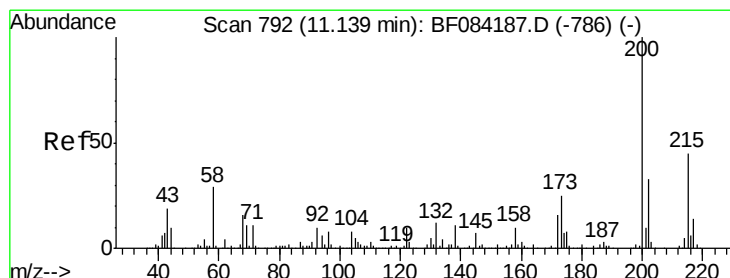
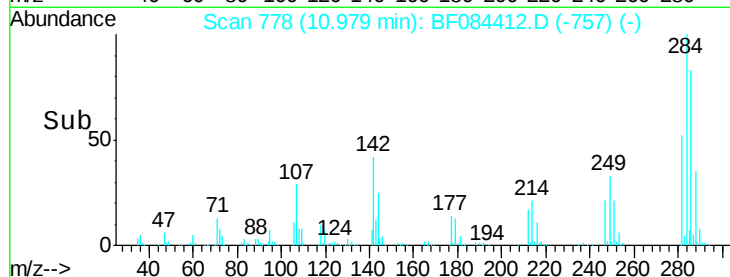
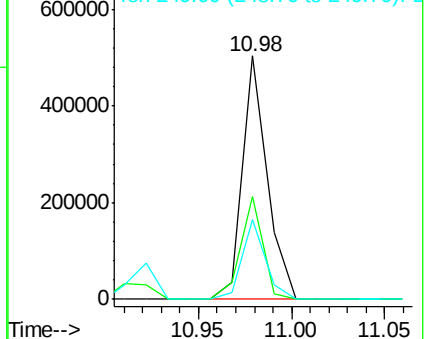
249 32.7 24.6 37.0



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: 43.59 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

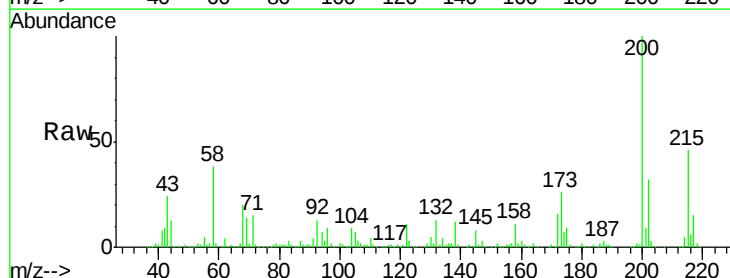
Tgt Ion:200 Resp: 487660

Ion Ratio Lower Upper

200 100

173 26.0 9.5 49.5

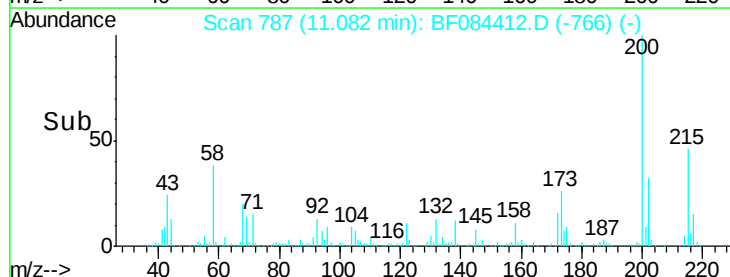
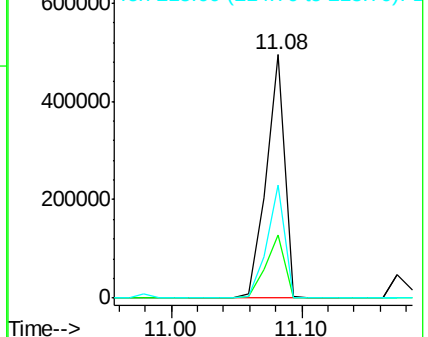
215 46.2 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

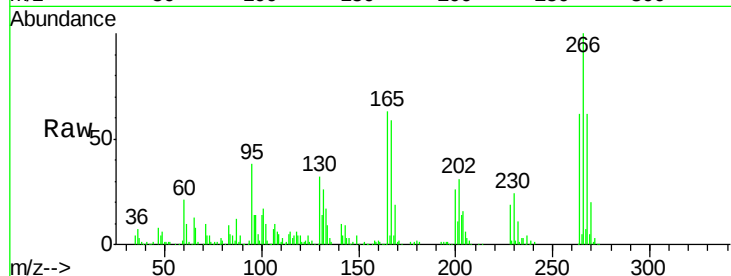




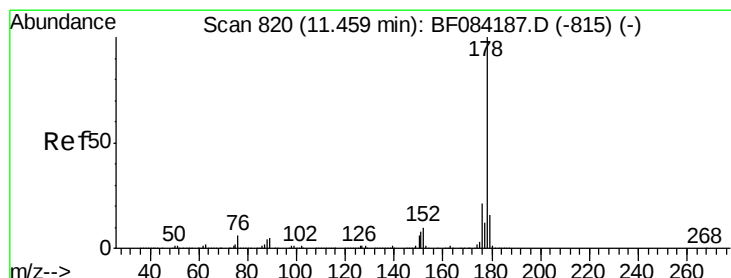
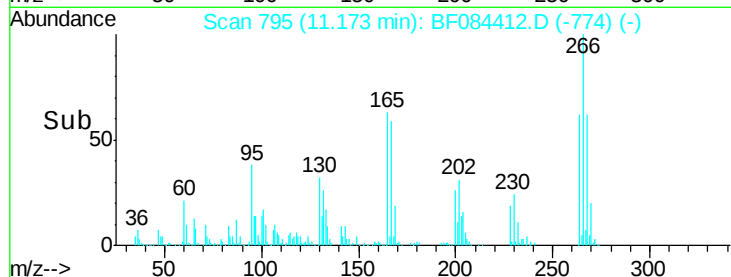
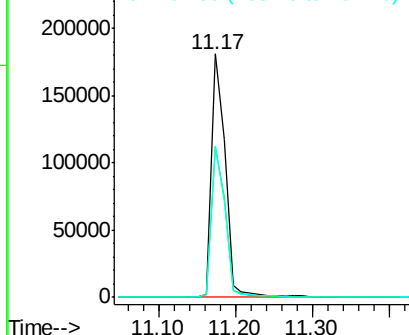
#69
 Pentachlorophenol
 Concen: 33.43 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 224548
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.4 78.6
 264 62.4 50.2 75.2

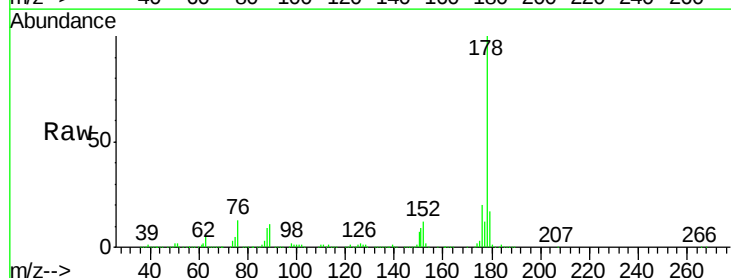


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

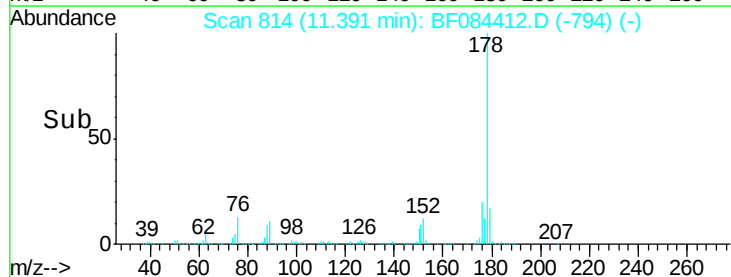
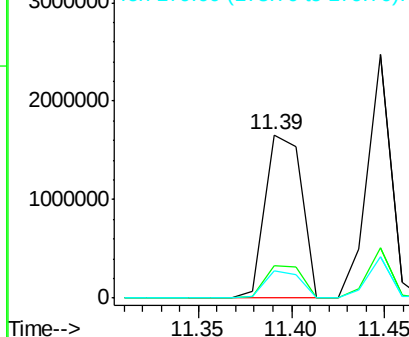


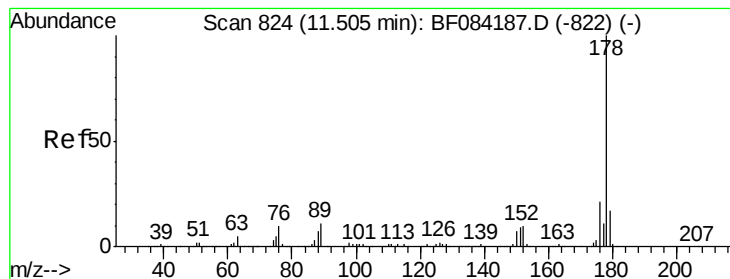
#70
 Phenanthrene
 Concen: 40.25 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:178 Resp: 2251239
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 16.6 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: 39.49 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

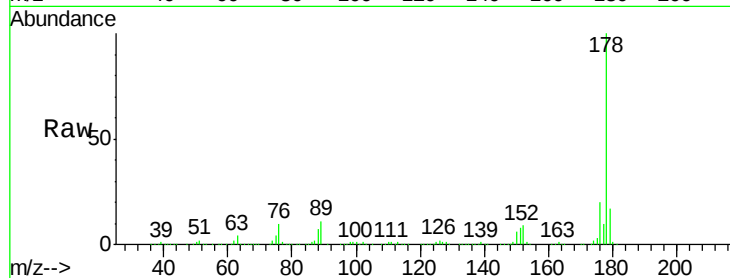
Tgt Ion:178 Resp: 2165048

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.0

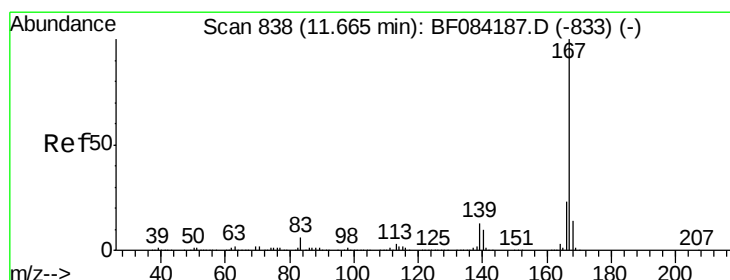
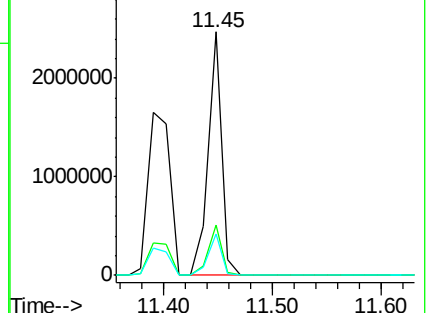
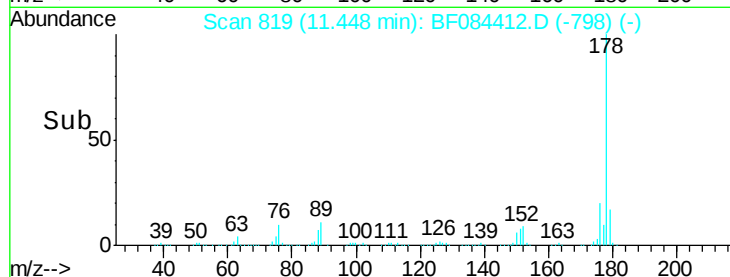
179 17.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.78 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

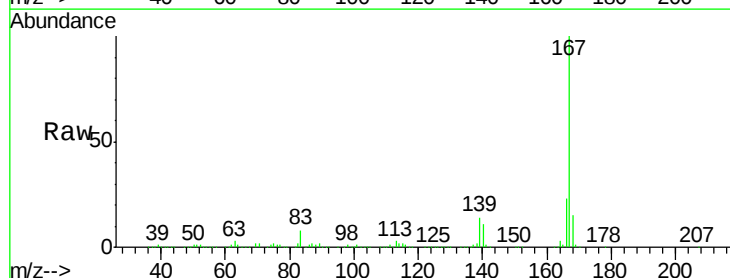
Tgt Ion:167 Resp: 2185408

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

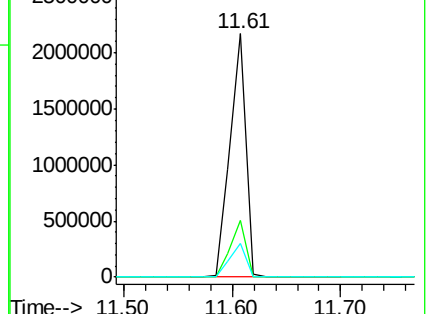
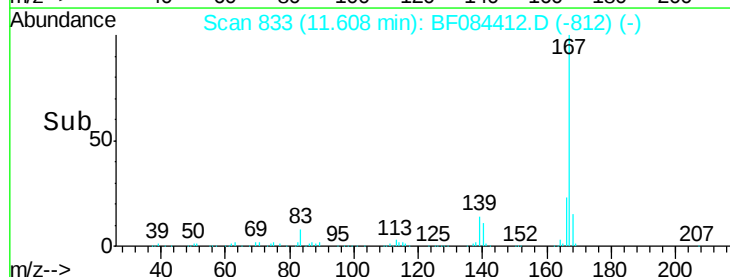
139 14.0 11.8 17.8

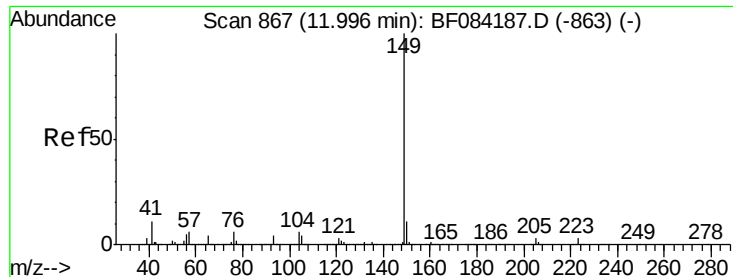


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.68 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

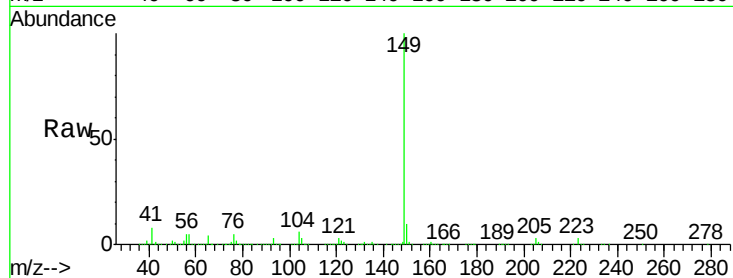
Tgt Ion:149 Resp: 2420197

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

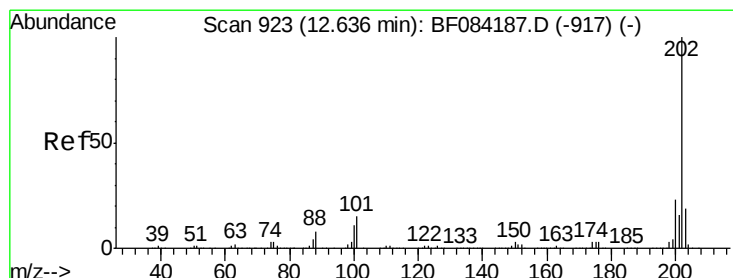
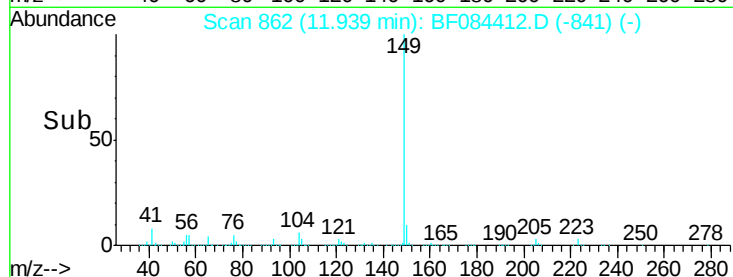
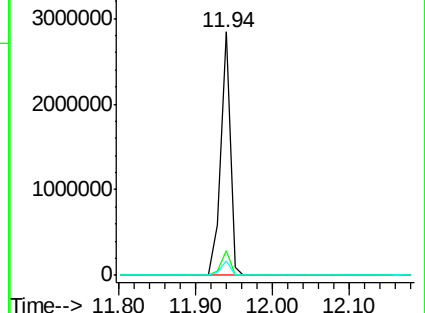
104 5.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.85 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

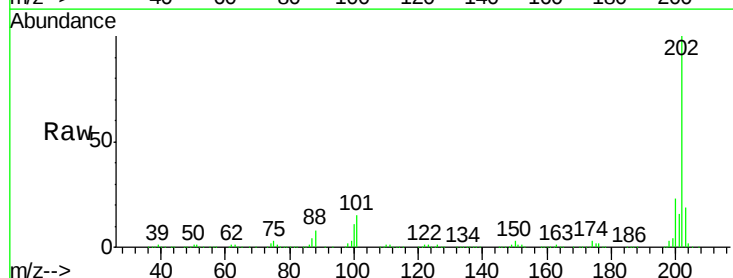
Tgt Ion:202 Resp: 2036063

Ion Ratio Lower Upper

202 100

101 15.0 0.0 32.8

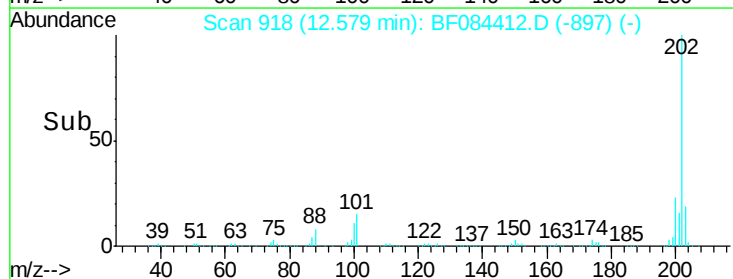
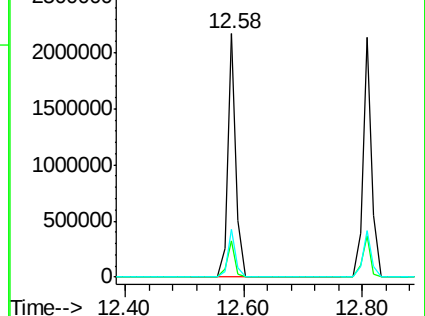
203 19.4 0.0 37.9

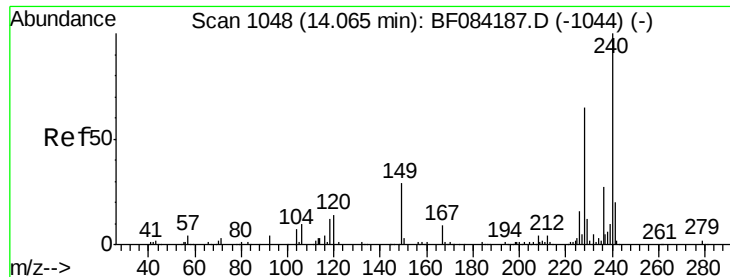


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

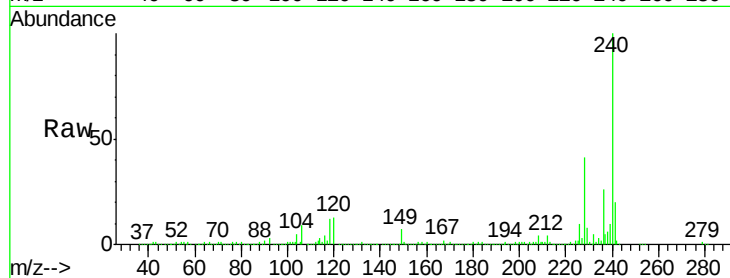
Tgt Ion:240 Resp: 781685

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

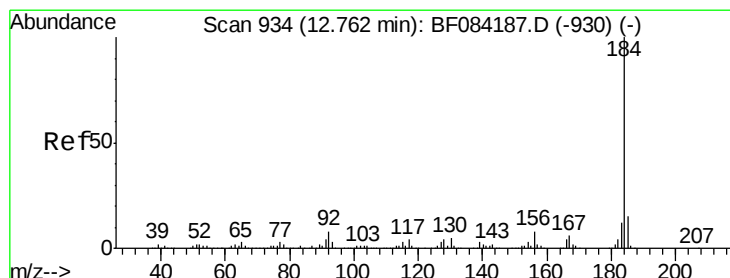
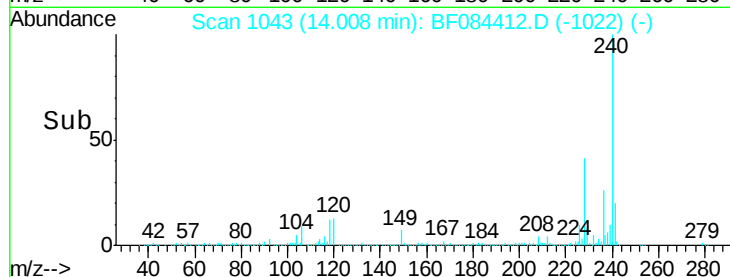
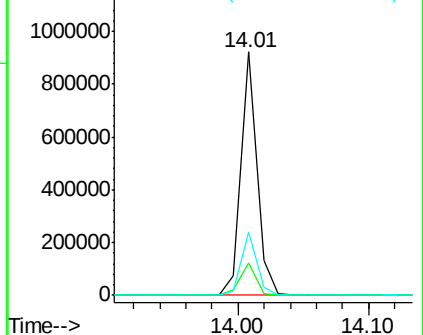
236 25.9 20.6 31.0



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: 33.68 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

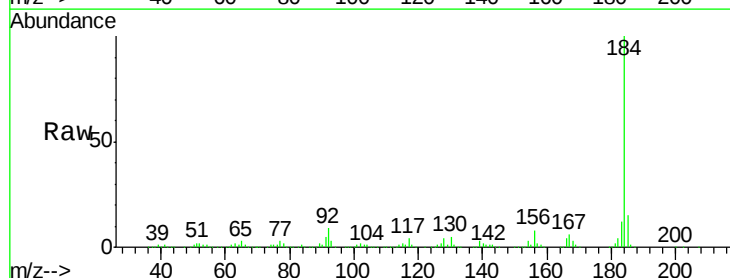
Tgt Ion:184 Resp: 943892

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

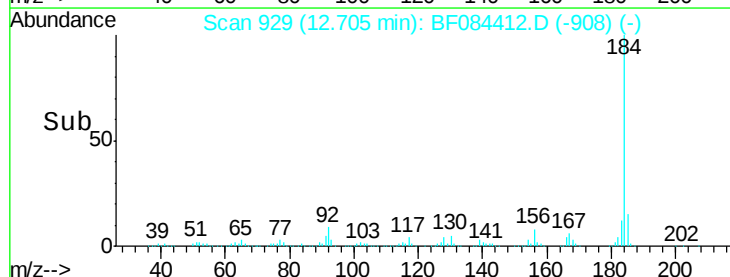
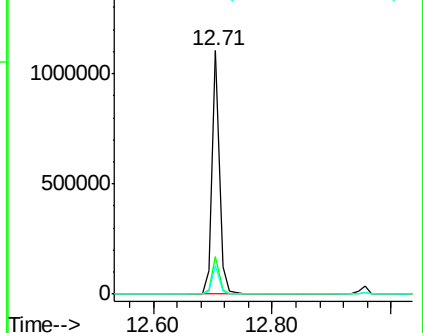
183 11.7 9.8 14.8

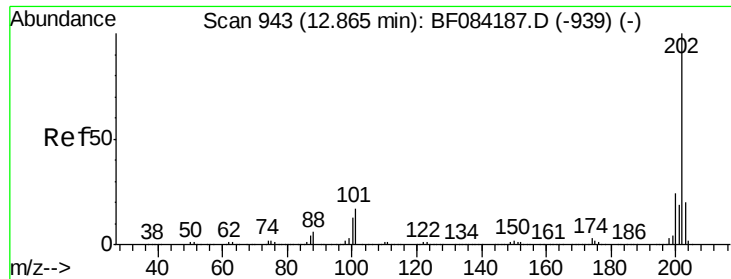


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

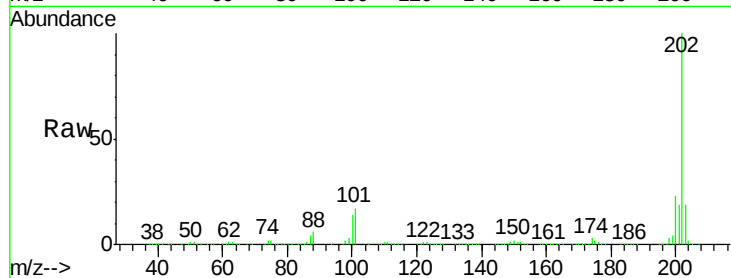




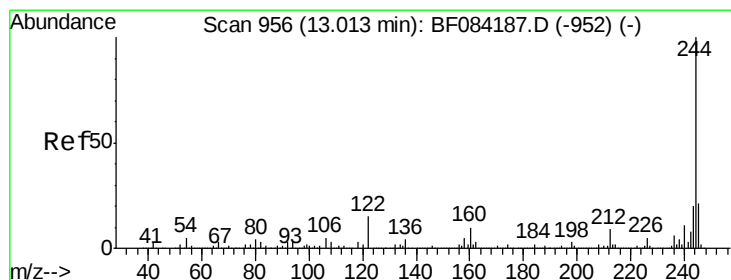
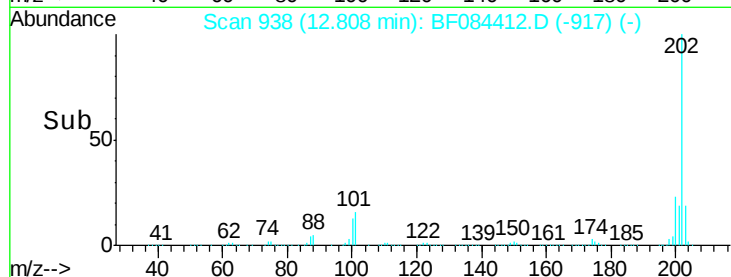
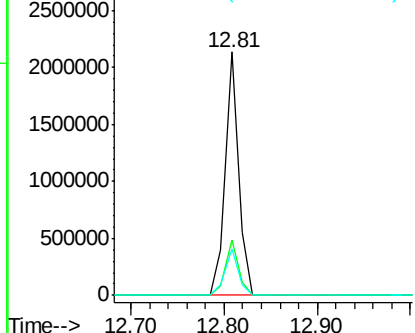
#77
 Pyrene
 Concen: 34.75 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 2131460
 Ion Ratio Lower Upper
 202 100
 200 23.0 17.2 25.8
 203 19.2 14.3 21.5

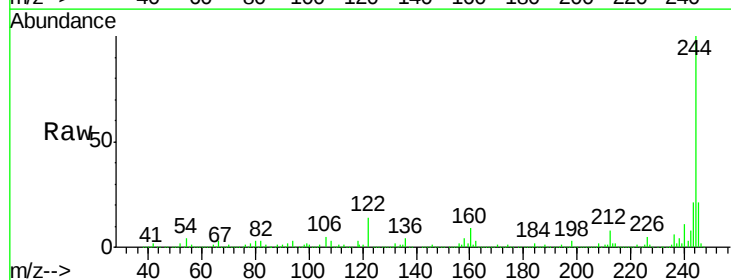


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

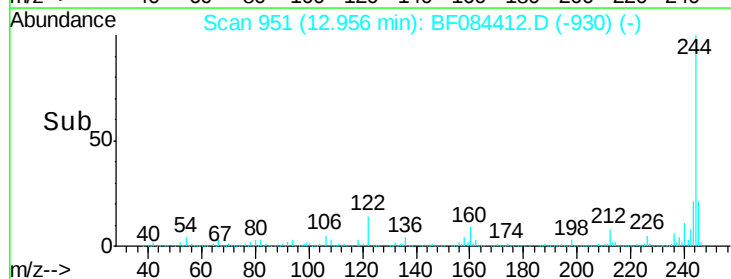
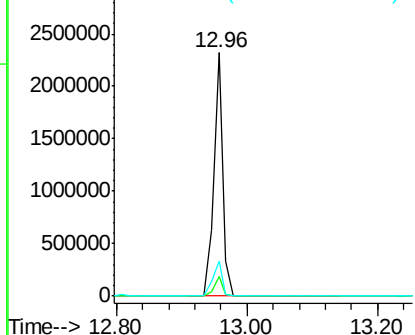


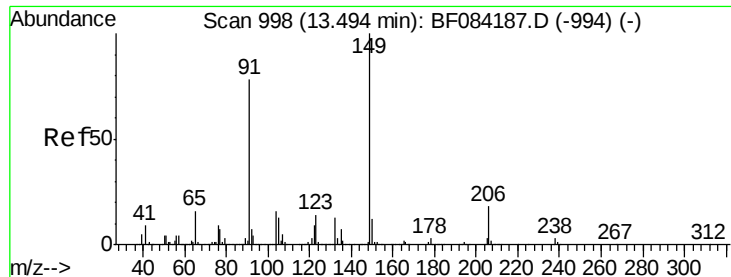
#78
 Terphenyl-d14
 Concen: 64.83 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:244 Resp: 2270432
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.4 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

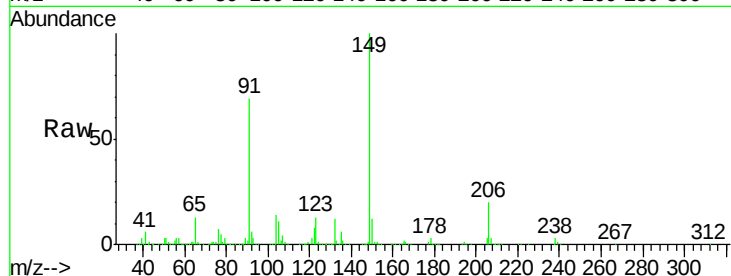




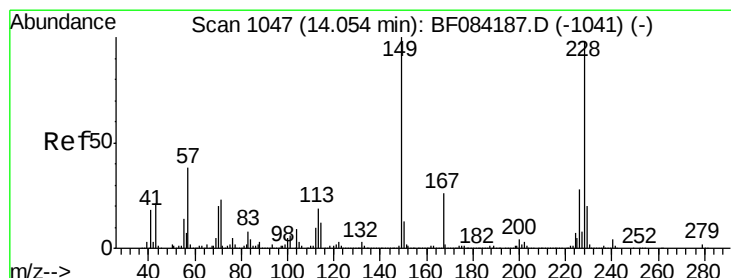
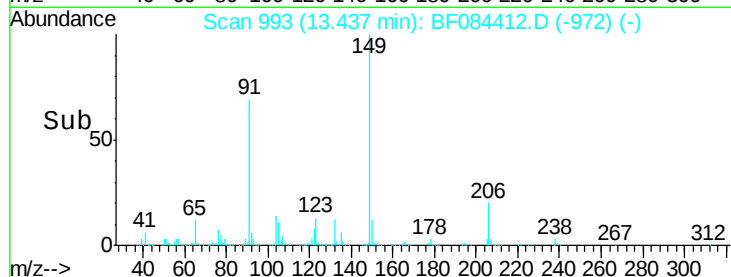
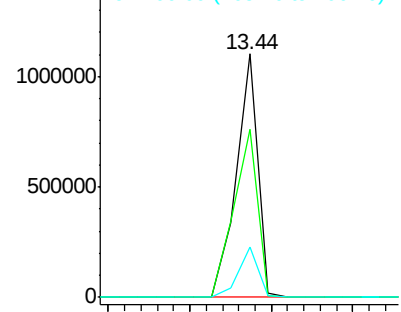
#79
Butylbenzylphthalate
Concen: 37.92 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1006449
Ion Ratio Lower Upper
149 100
91 69.1 57.6 86.4
206 20.5 13.2 19.8#

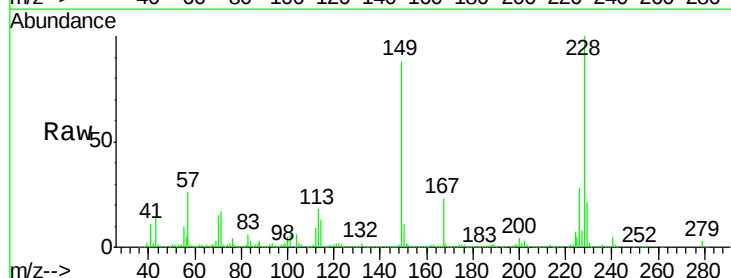


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

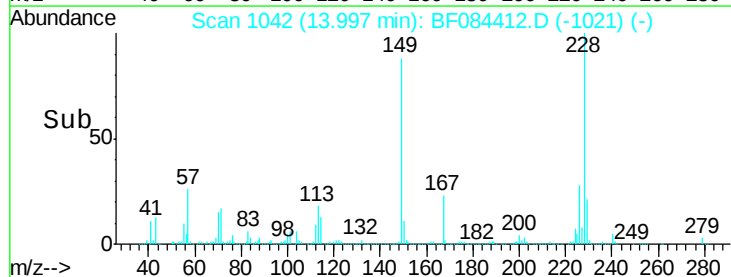
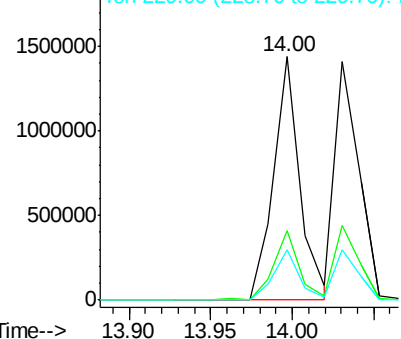


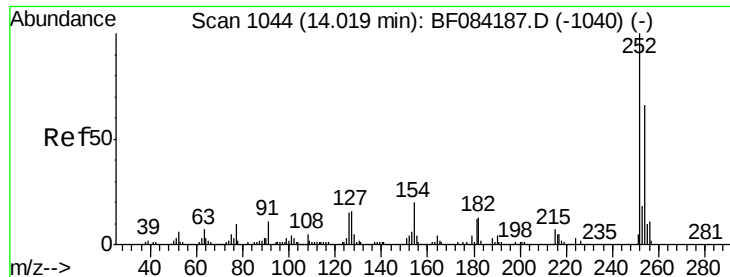
#80
Benzo(a)anthracene
Concen: 35.33 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:228 Resp: 1621435
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.6
229 20.9 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

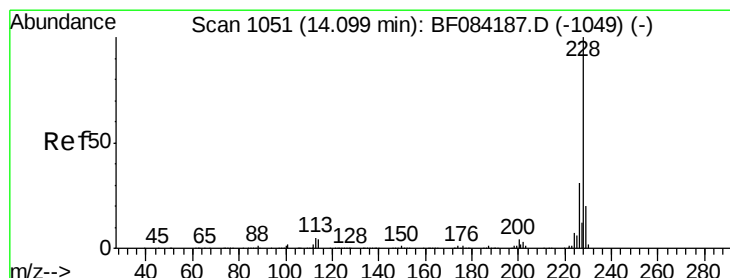
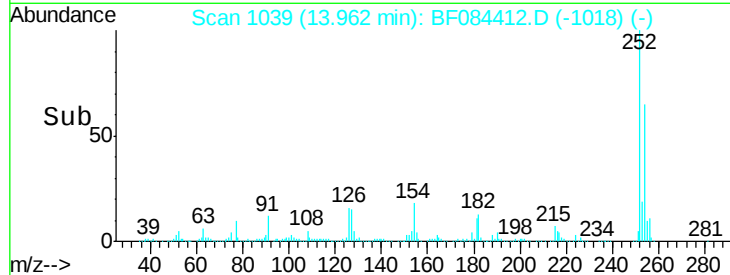
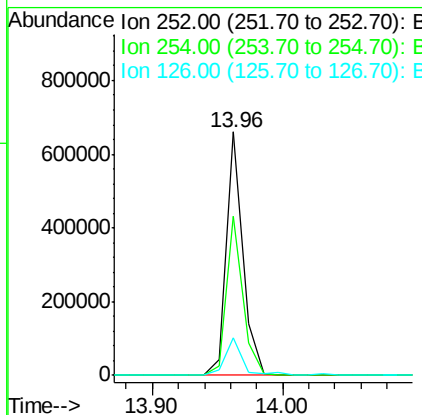
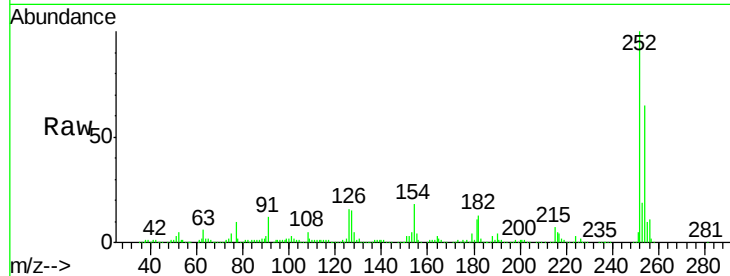




#81
 3,3'-Dichlorobenzidine
 Concen: 36.61 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

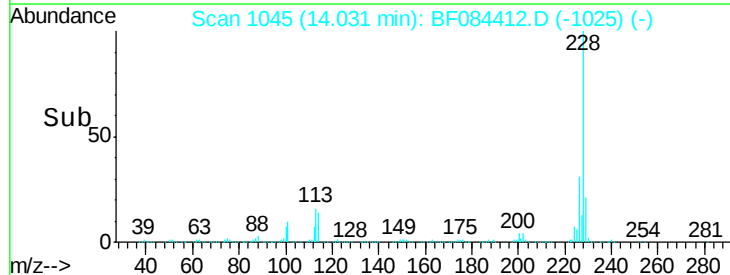
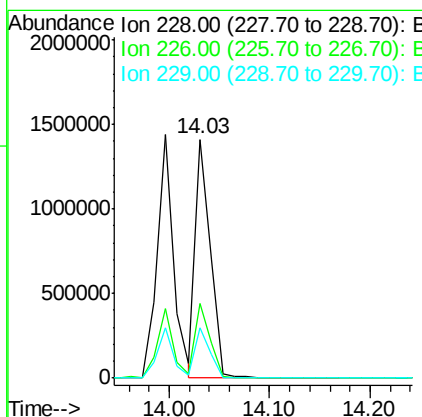
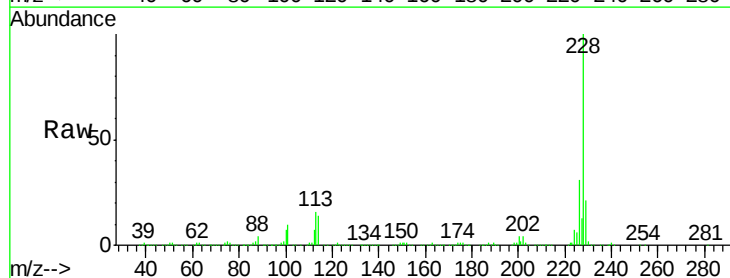
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

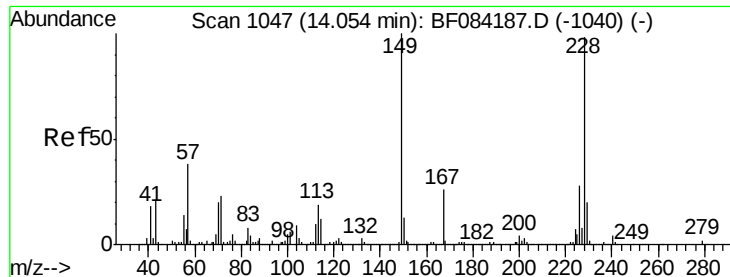
Tgt Ion:252 Resp: 586482
 Ion Ratio Lower Upper
 252 100
 254 65.1 53.5 80.3
 126 15.6 4.9 7.3#



#82
 Chrysene
 Concen: 33.52 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:228 Resp: 1478217
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 20.9 16.1 24.1

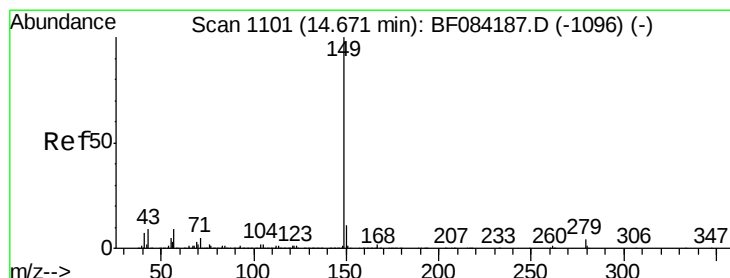
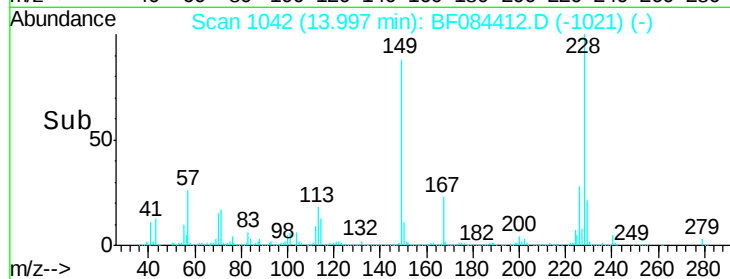
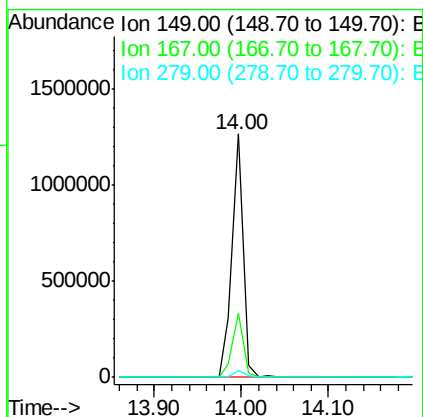
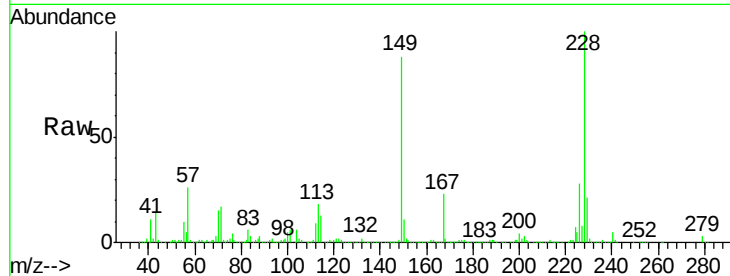




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.75 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

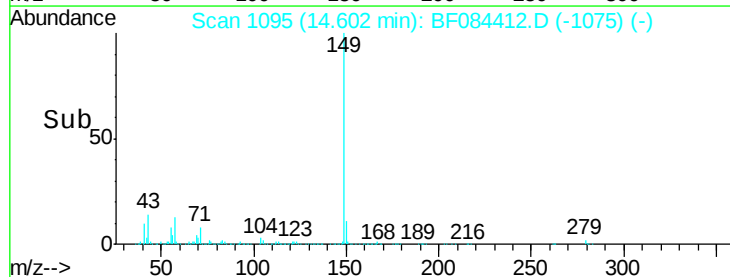
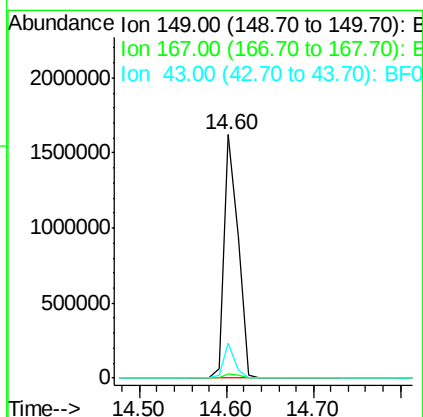
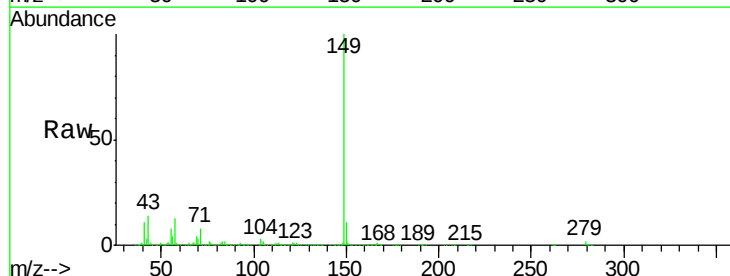
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

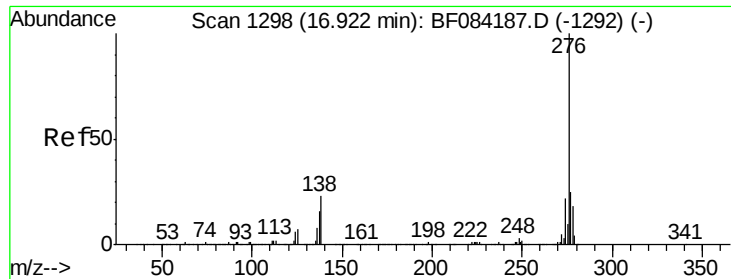
Tgt Ion:149 Resp: 1131948
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.7 29.5
 279 3.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 32.27 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.07 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:149 Resp: 1827187
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.5 5.6 8.4#

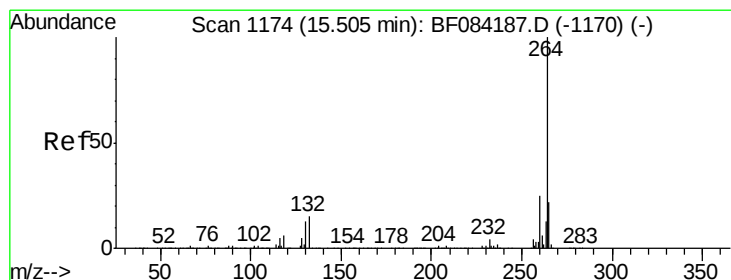
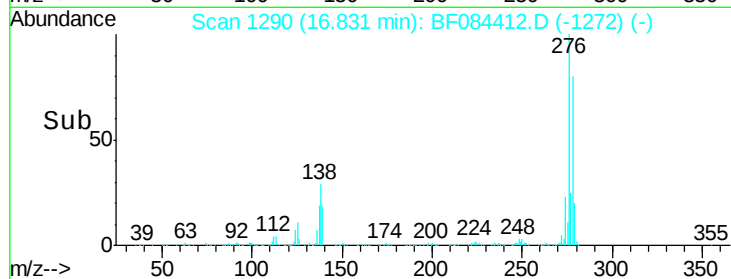
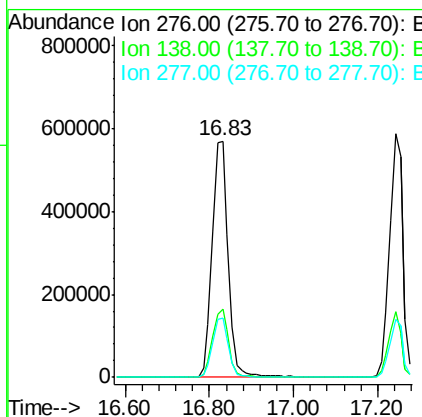
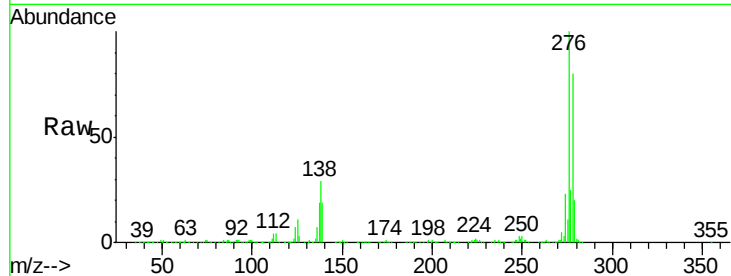




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.44 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.09 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

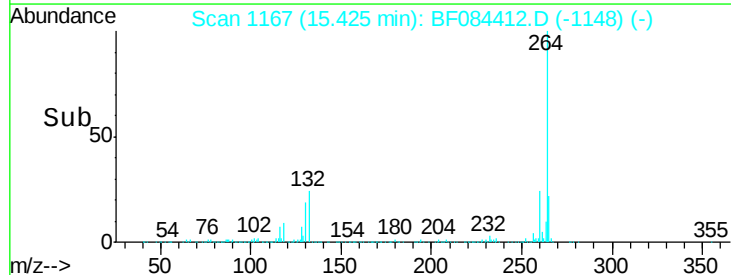
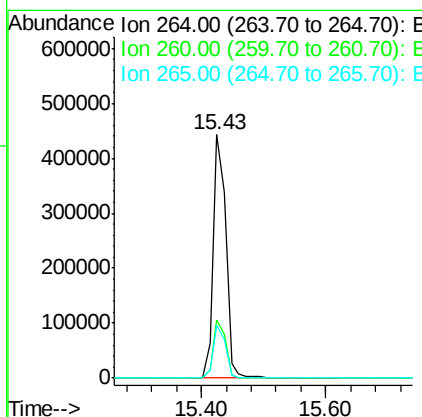
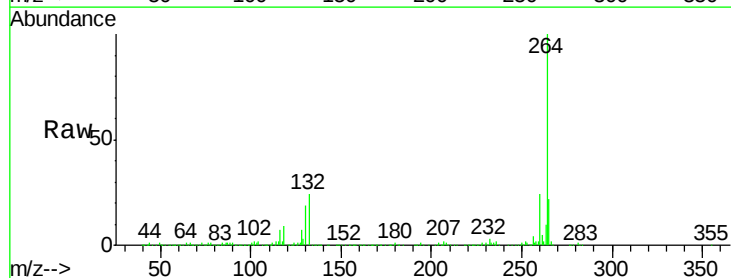
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

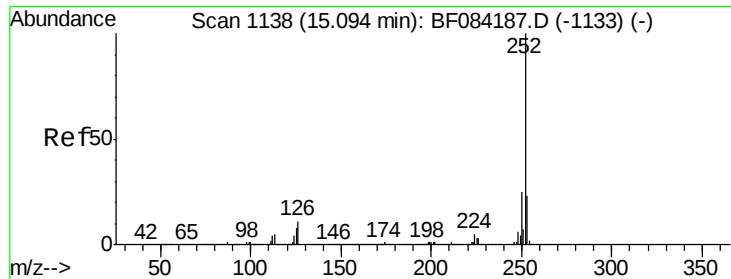
Tgt Ion:276 Resp: 1518596
 Ion Ratio Lower Upper
 276 100
 138 29.4 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084412.D
 Acq: 12 Jan 2016 13:12

Tgt Ion:264 Resp: 614032
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.6 17.8 26.6

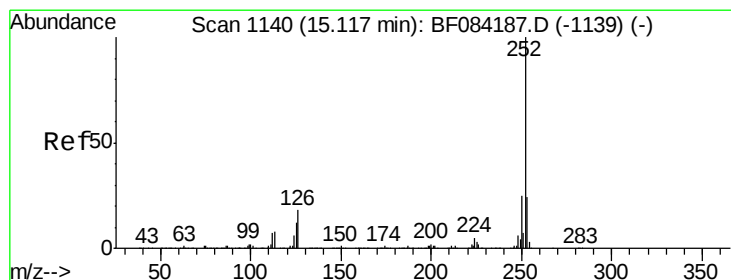
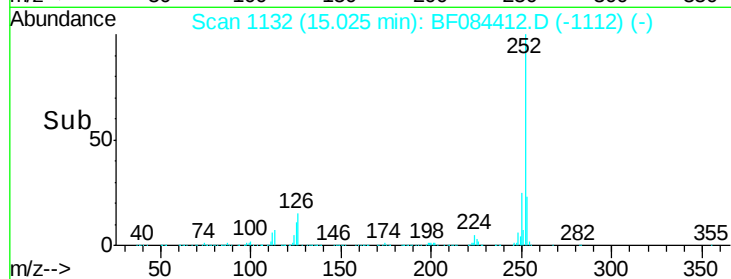
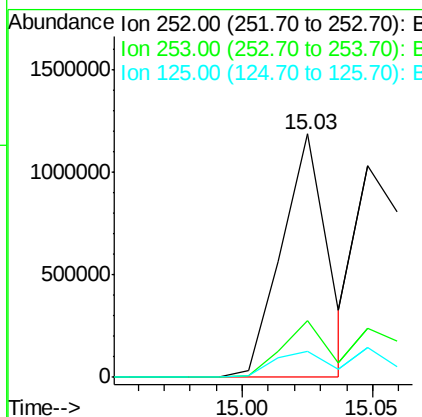
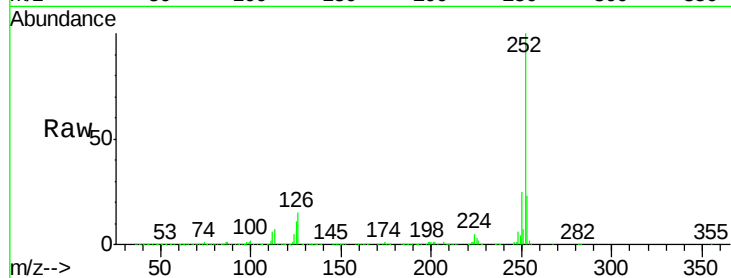




#87
Benzo(b)fluoranthene
Concen: 35.95 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.07 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

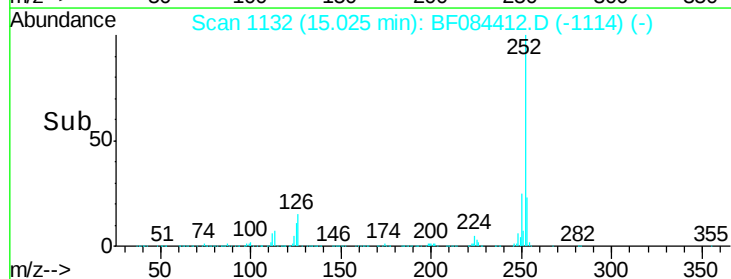
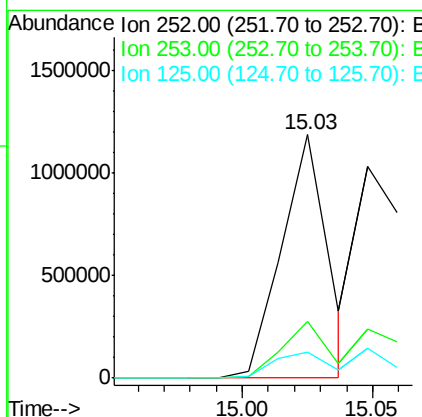
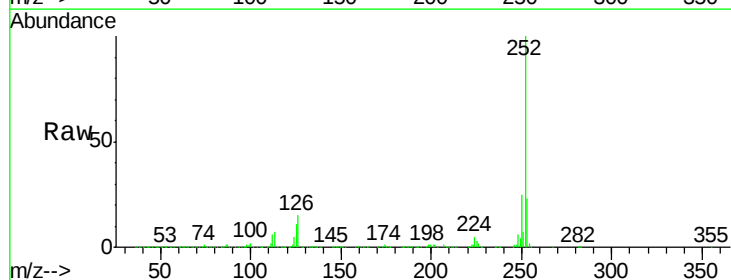
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

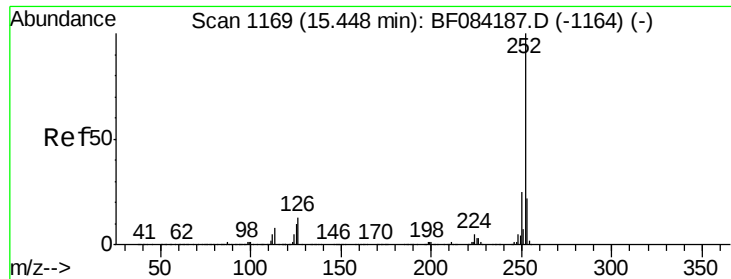
Tgt Ion:252 Resp: 1443889
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 10.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 43.95 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.09 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:252 Resp: 1443889
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.8 9.0 13.6

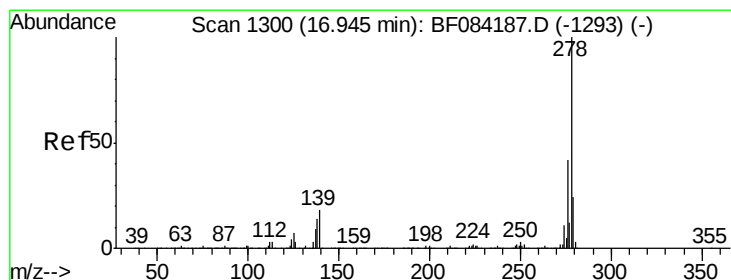
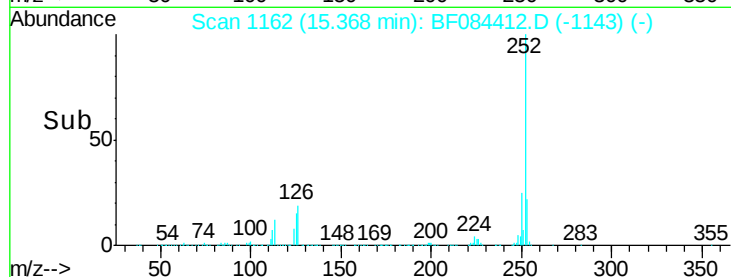
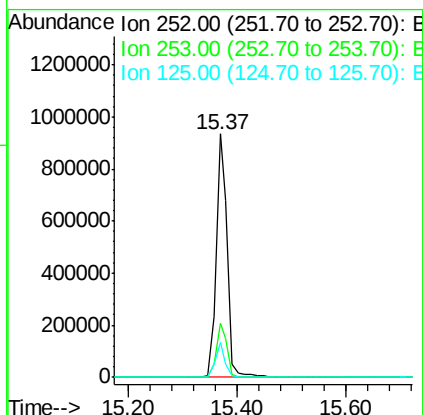
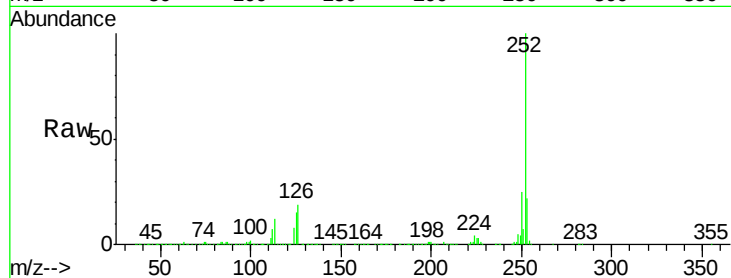




#89
Benzo(a)pyrene
Concen: 39.63 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

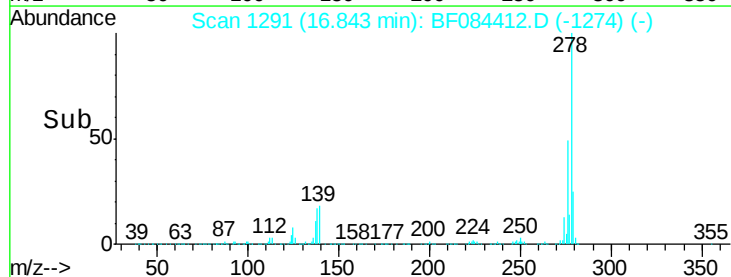
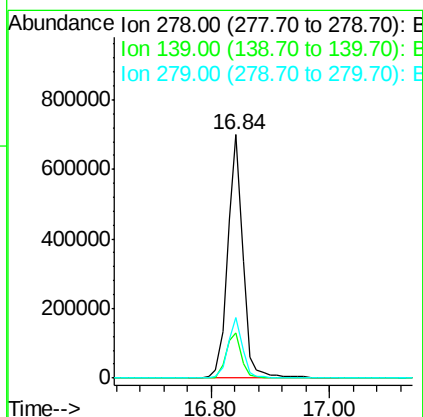
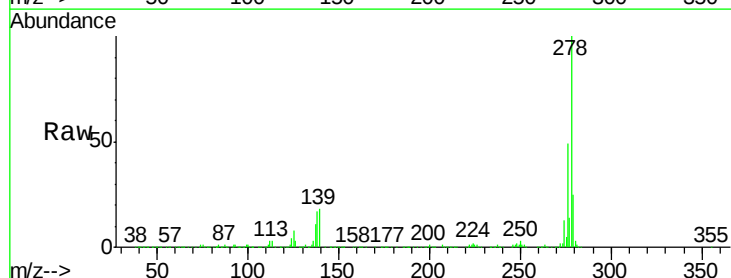
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

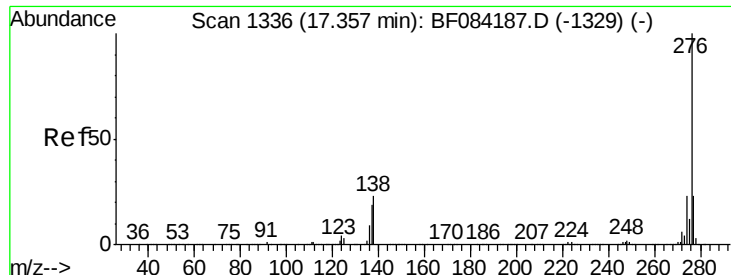
Tgt Ion:252 Resp: 1350087
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 14.6 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 42.00 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084412.D
Acq: 12 Jan 2016 13:12

Tgt Ion:278 Resp: 1231198
Ion Ratio Lower Upper
278 100
139 18.5 15.0 22.4
279 25.0 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 43.50 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.11 min

Lab File: BF084412.D

Acq: 12 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

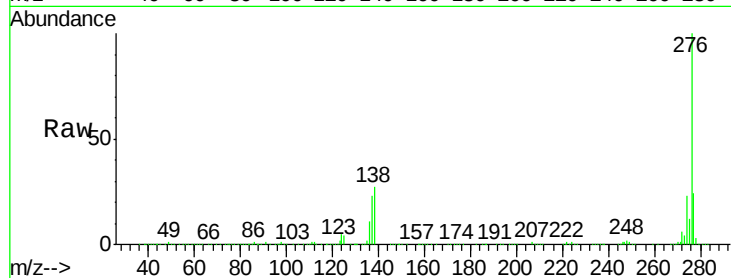
Tgt Ion: 276 Resp: 1320748

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 26.9 17.8 26.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

