

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
 Data File : BF084538.D
 Acq On : 18 Jan 2016 14:54
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 18 23:59:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	291565	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	1210061	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	465413	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	861448	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	642100	20.00	ng	-0.03
86) Perylene-d12	15.36	264	542240	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1320762	73.27	ng	-0.05
7) Phenol-d6	6.44	99	1708833	75.48	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1540891	70.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	365705	77.83	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2127186	80.03	ng	-0.03
78) Terphenyl-d14	12.91	244	2455087	85.35	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	329579	38.60	ng	# 77
3) Pyridine	3.05	79	1022901	42.96	ng	# 68
4) n-Nitrosodimethylamine	3.00	42	467381	38.25	ng	# 82
6) Aniline	6.46	93	1177774	35.56	ng	97
8) 2-Chlorophenol	6.58	128	788564	38.56	ng	86
9) Benzaldehyde	6.34	77	512361	34.76	ng	97
10) Phenol	6.45	94	907635	35.26	ng	75
11) bis(2-Chloroethyl)ether	6.53	93	794104	39.82	ng	# 82
12) 1,3-Dichlorobenzene	6.74	146	870527	41.26	ng	99
13) 1,4-Dichlorobenzene	6.82	146	830485m	39.25	ng	
14) 1,2-Dichlorobenzene	6.97	146	772286	38.12	ng	98
15) Benzyl Alcohol	6.94	79	625188	32.83	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1223749	33.70	ng	85
17) 2-Methylphenol	7.07	107	685496	39.99	ng	93
18) Hexachloroethane	7.31	117	342610	40.50	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	544504	35.53	ng	# 74
20) 3+4-Methylphenols	7.22	107	707513	35.12	ng	# 54
22) Acetophenone	7.22	105	1148762	39.48	ng	# 94
24) Nitrobenzene	7.39	77	928615	42.11	ng	92
25) Isophorone	7.63	82	1547876	37.22	ng	99
26) 2-Nitrophenol	7.70	139	410642	40.92	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	733825	36.12	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	976965	38.46	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	675315	39.91	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	713617	40.85	ng	# 94
31) Naphthalene	8.11	128	2239946	40.80	ng	99
32) Benzoic acid	7.89	122	518303	40.75	ng	90
33) 4-Chloroaniline	8.16	127	934516	37.13	ng	97
34) Hexachlorobutadiene	8.22	225	373159	37.16	ng	97
35) Caprolactam	8.54	113	208061	36.47	ng	# 42
36) 4-Chloro-3-methylphenol	8.65	107	677339	35.73	ng	94
37) 2-Methylnaphthalene	8.80	142	1357338	34.44	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	663295	49.57	ng	99
40) Hexachlorocyclopentadiene	8.96	237	363535	45.01	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	400164	39.98	nq	93
43) 2,4,5-Trichlorophenol	9.13	196	393614	41.02	nq	94
45) 1,1'-Biphenyl	9.26	154	1511674	40.87	nq	99
46) 2-Chloronaphthalene	9.29	162	1139810	39.23	nq	94
47) 2-Nitroaniline	9.39	65	448292	46.75	nq	# 83
48) Acenaphthylene	9.70	152	1603521	37.36	nq	97
49) Dimethylphthalate	9.57	163	1307007	39.28	nq	# 90
50) 2,6-Dinitrotoluene	9.63	165	279121	38.25	nq	# 54
51) Acenaphthene	9.87	154	1163667	40.41	nq	97
52) 3-Nitroaniline	9.80	138	372162	41.16	nq	91
53) 2,4-Dinitrophenol	9.90	184	195642	63.69	nq	# 87
54) Dibenzofuran	10.04	168	1451665	38.50	nq	90
55) 4-Nitrophenol	9.97	139	292532	44.57	nq	91
56) 2,4-Dinitrotoluene	10.03	165	347992	37.68	nq	# 82
57) Fluorene	10.38	166	1055603	36.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	350087	42.73	nq	91
59) Diethylphthalate	10.27	149	1367388	41.68	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	612001	51.43	nq	90
61) 4-Nitroaniline	10.42	138	374765	46.49	nq	89
62) Azobenzene	10.54	77	1474971	40.99	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	249131	47.72	nq	84
65) n-Nitrosodiphenylamine	10.50	169	1005158	36.49	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	363395	39.19	nq	# 66
67) Hexachlorobenzene	10.93	284	387436	37.13	nq	# 90
68) Atrazine	11.04	200	395463	43.88	nq	96
69) Pentachlorophenol	11.13	266	217582	40.21	nq	99
70) Phenanthrene	11.34	178	1657630	36.79	nq	96
71) Anthracene	11.40	178	1994634	45.16	nq	98
72) Carbazole	11.55	167	1582474	36.65	nq	99
73) Di-n-butylphthalate	11.89	149	2087599	45.65	nq	# 97
74) Fluoranthene	12.53	202	2213359	47.02	nq	95
76) Benzidine	12.66	184	976228	42.40	nq	98
77) Pyrene	12.76	202	2273979	45.13	nq	98
79) Butylbenzylphthalate	13.38	149	878784	40.30	nq	# 85
80) Benzo(a)anthracene	13.94	228	1557981	41.32	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	636500	48.37	nq	# 98
82) Chrysene	13.99	228	1538449	42.46	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1076068	39.06	nq	# 94
84) Di-n-octyl phthalate	14.56	149	1758235	37.81	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1257813	43.80	nq	99
87) Benzo(b)fluoranthene	14.97	252	1482334m	41.79	nq	
88) Benzo(k)fluoranthene	14.99	252	1074068m	37.02	nq	
89) Benzo(a)pyrene	15.30	252	1230626	40.90	nq	# 95
90) Dibenzo(a,h)anthracene	16.74	278	1039250	40.14	nq	97
91) Benzo(g,h,i)perylene	17.13	276	1078805	40.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

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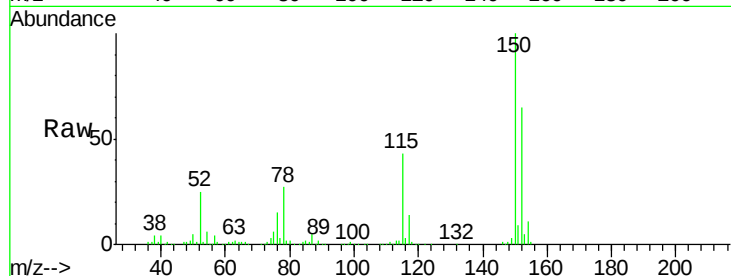
Tot Ion:152 Resp: 291565

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

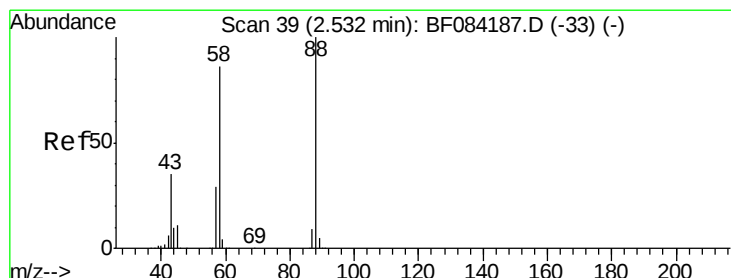
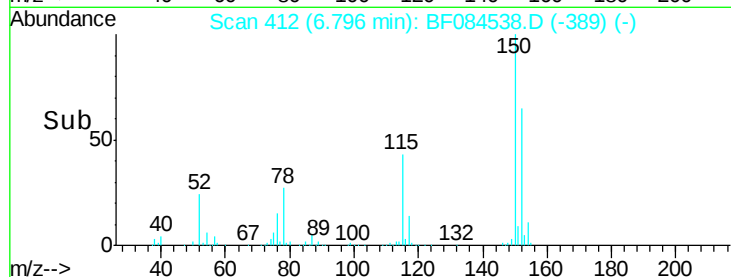
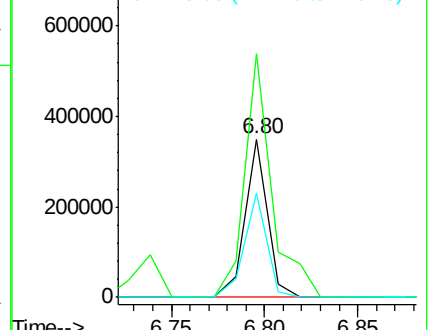
115 66.2 51.4 77.2



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: 38.60 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.06 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

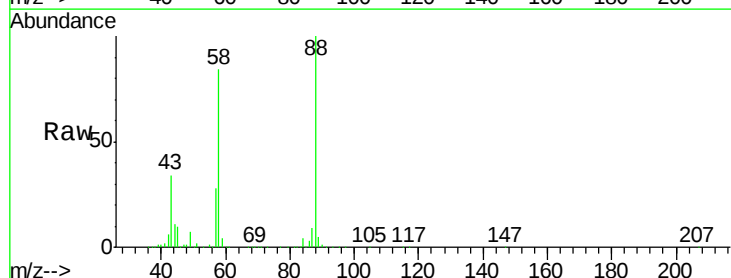
Tgt Ion: 88 Resp: 329579

Ion Ratio Lower Upper

88 100

58 83.9 51.2 76.8#

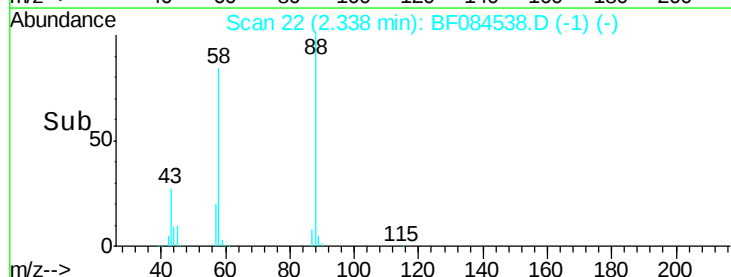
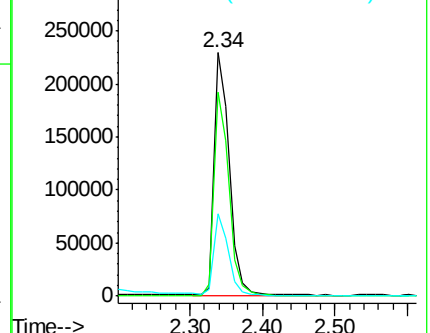
43 32.4 19.5 29.3#

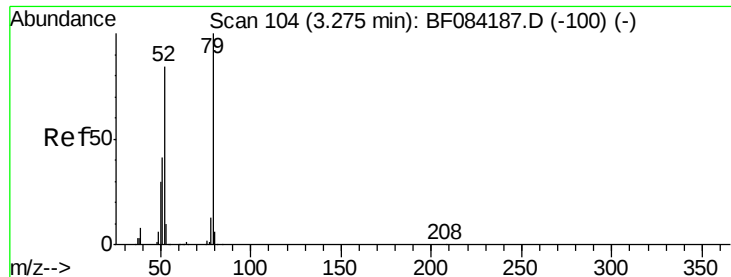


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.96 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.08 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

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ClientSampleId :

SSTDCCC040

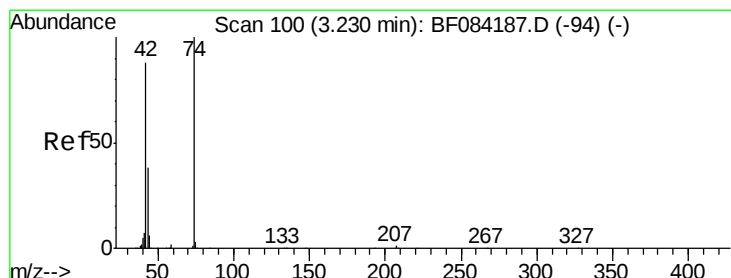
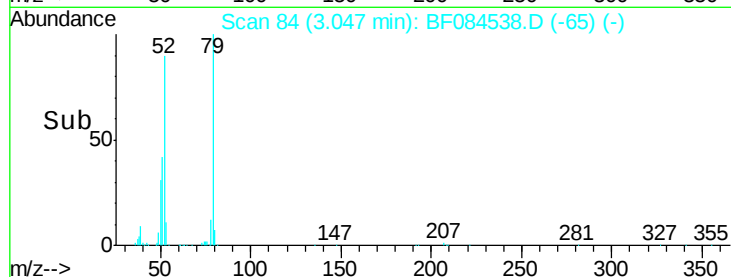
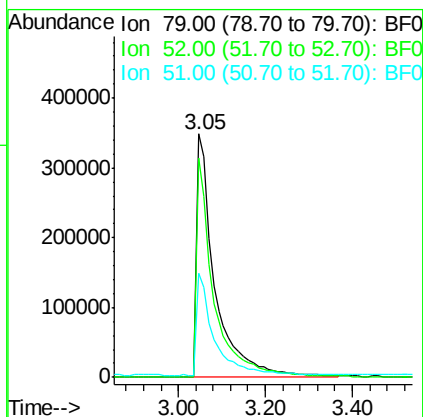
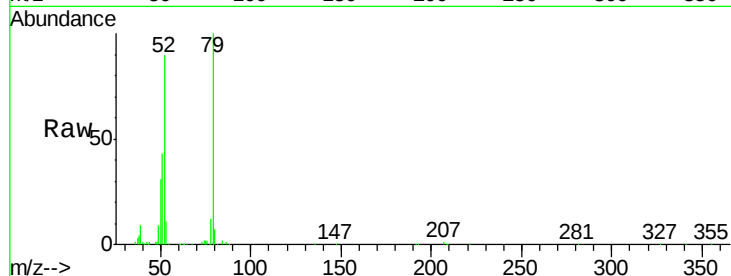
Tot Ion: 79 Resp: 1022901

Ion Ratio Lower Upper

79 100

52 90.1 49.0 73.4#

51 43.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.25 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.07 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

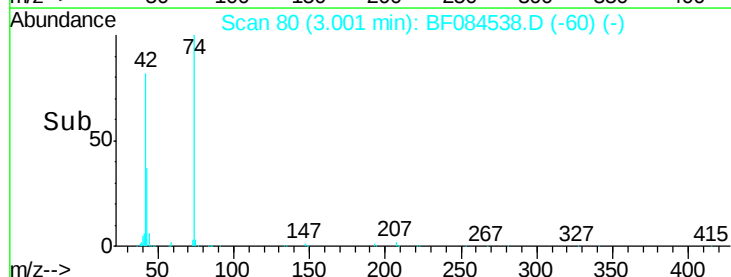
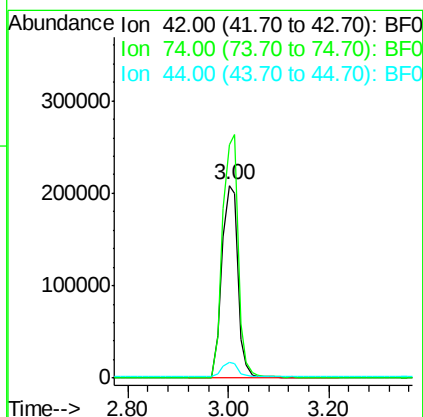
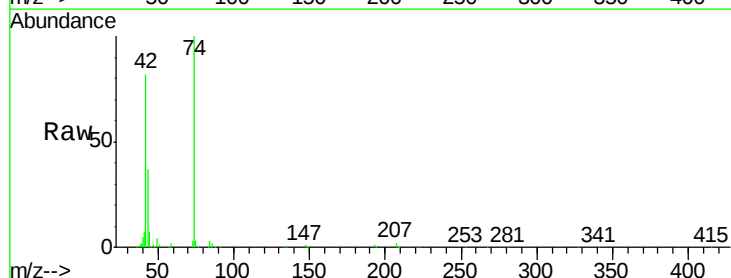
Tgt Ion: 42 Resp: 467381

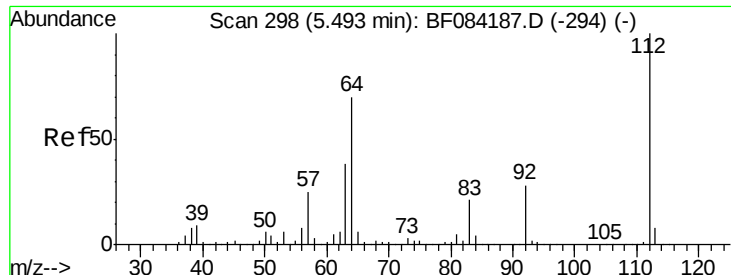
Ion Ratio Lower Upper

42 100

74 121.2 115.7 173.5

44 8.2 5.1 7.7#





#5

2-Fluorophenol

Concen: 73.27 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

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ClientSampleId :

SSTDCCC040

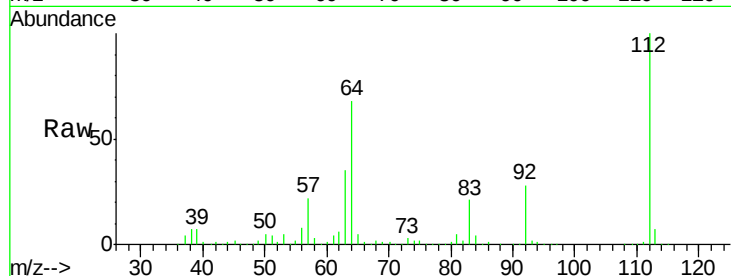
Tot Ion:112 Resp: 1320762

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

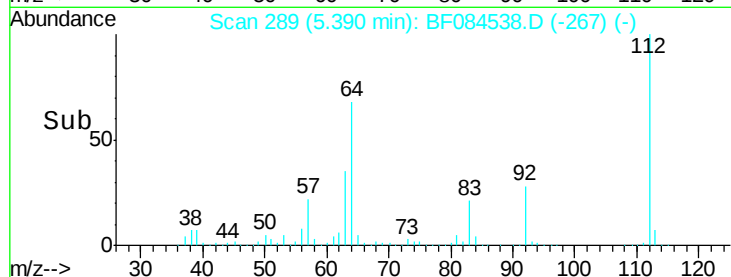
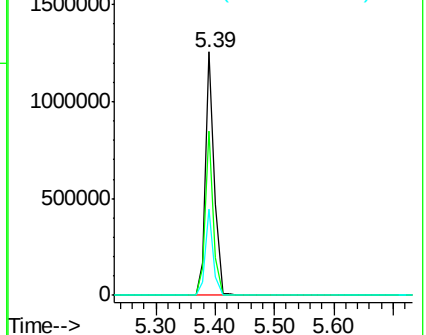
63 35.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.56 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

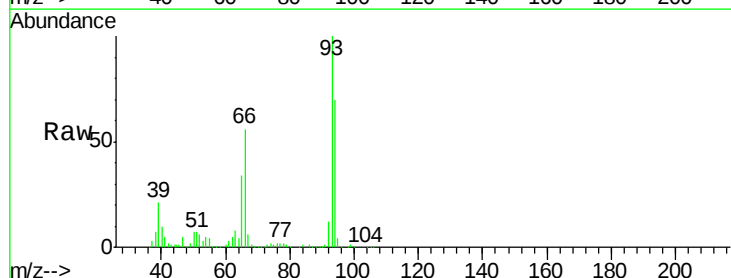
Tgt Ion: 93 Resp: 1177774

Ion Ratio Lower Upper

93 100

66 55.9 44.9 67.3

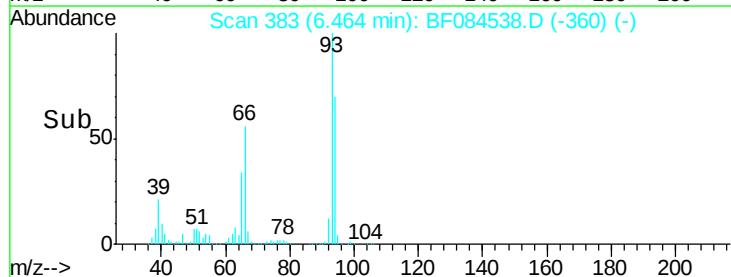
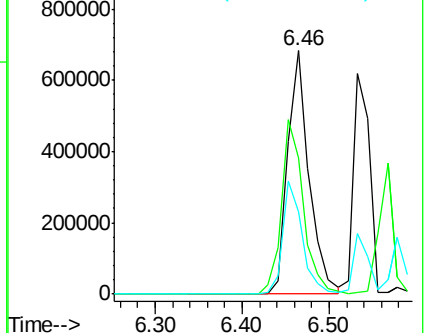
65 33.7 23.7 35.5

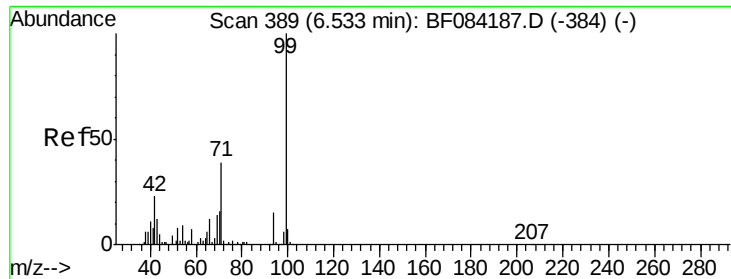


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.48 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

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Acq: 18 Jan 2016 14:54

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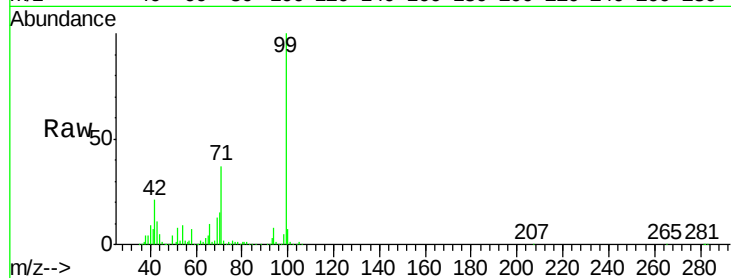
Tot Ion: 99 Resp: 1708833

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

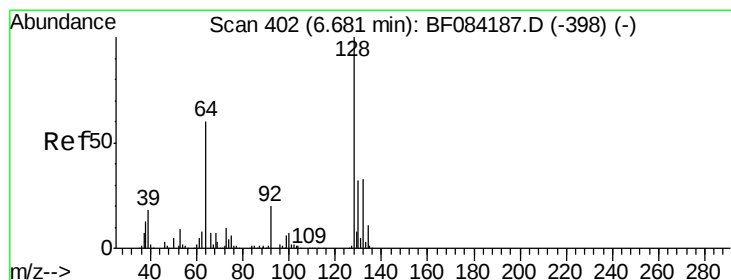
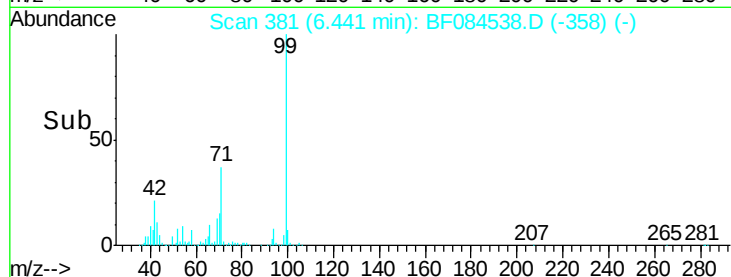
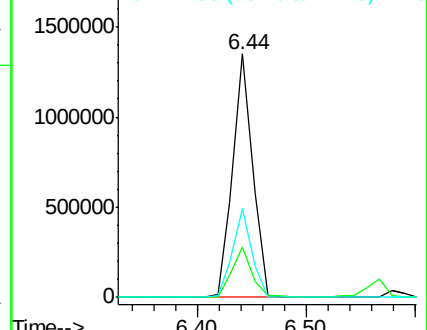
71 36.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.56 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

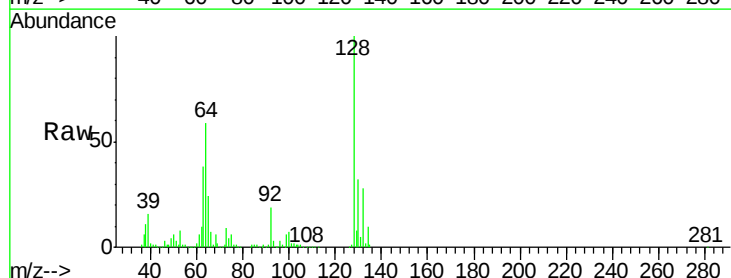
Tgt Ion: 128 Resp: 788564

Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

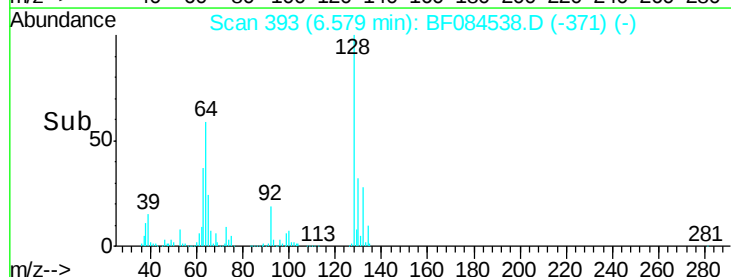
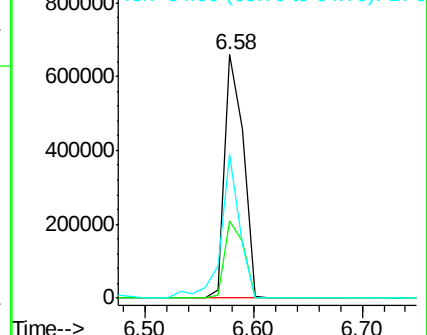
64 59.2 23.8 63.8

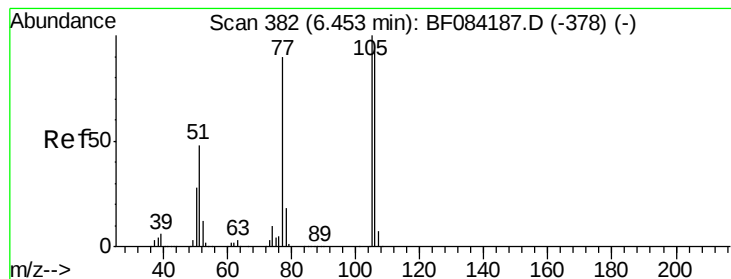


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.76 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

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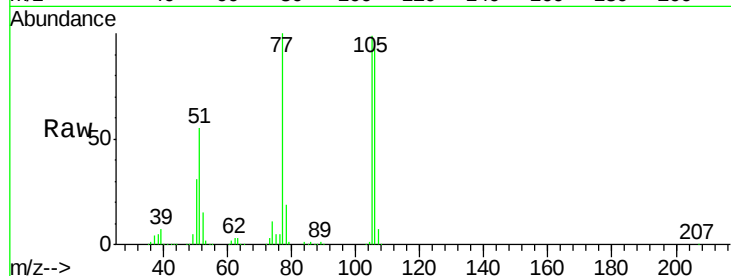
Tot Ion: 77 Resp: 512361

Ion Ratio Lower Upper

77 100

105 99.2 83.0 123.0

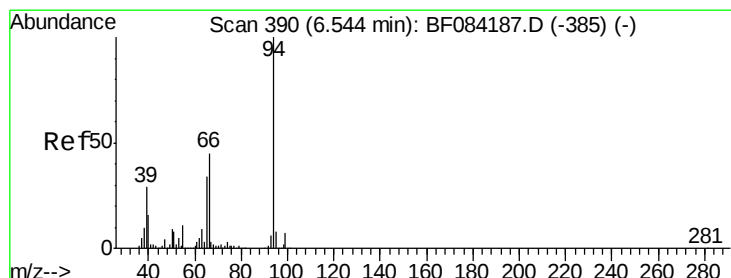
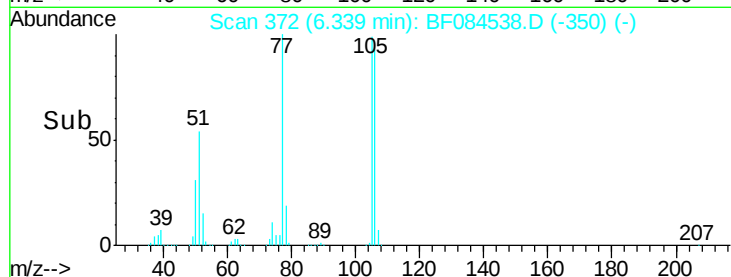
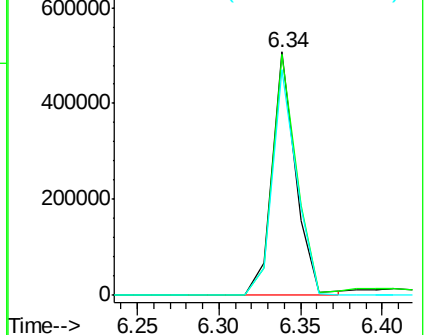
106 93.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.26 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

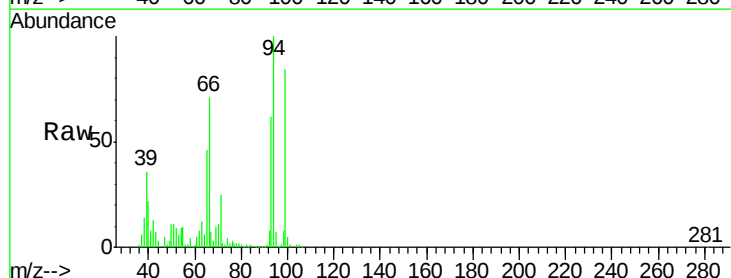
Tgt Ion: 94 Resp: 907635

Ion Ratio Lower Upper

94 100

65 45.9 12.9 52.9

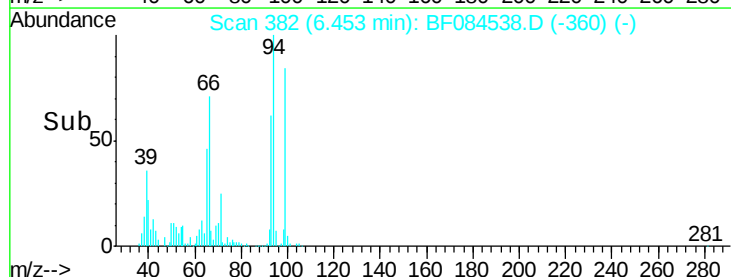
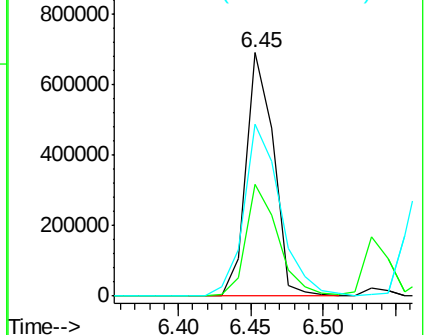
66 70.9 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.82 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

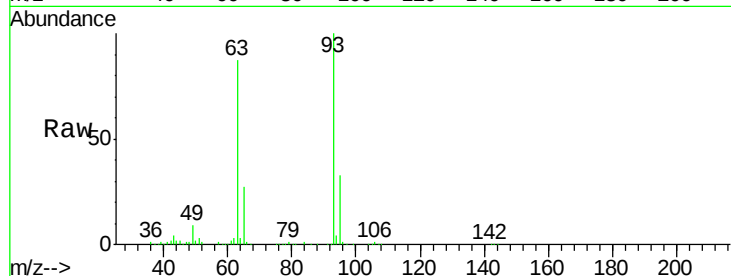
Tot Ion: 93 Resp: 794104

Ion Ratio Lower Upper

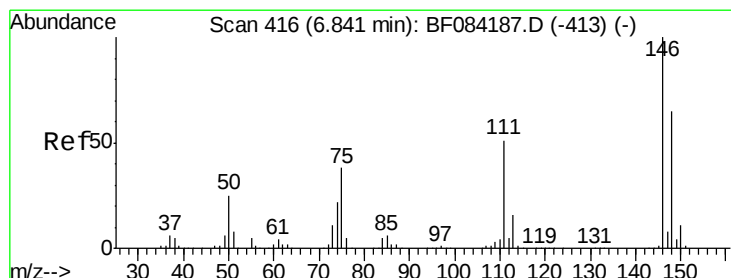
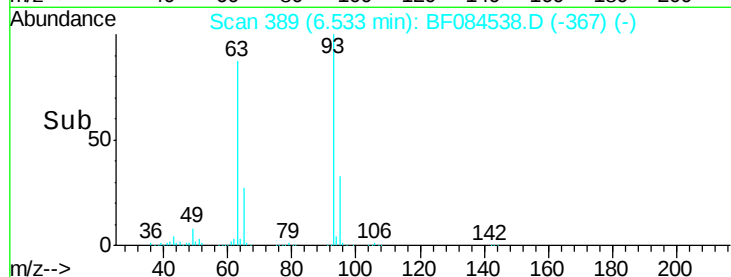
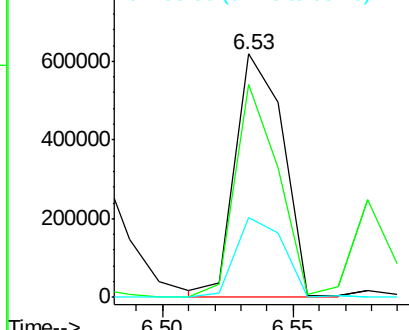
93 100

63 87.3 45.9 85.9#

95 32.8 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: 41.26 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

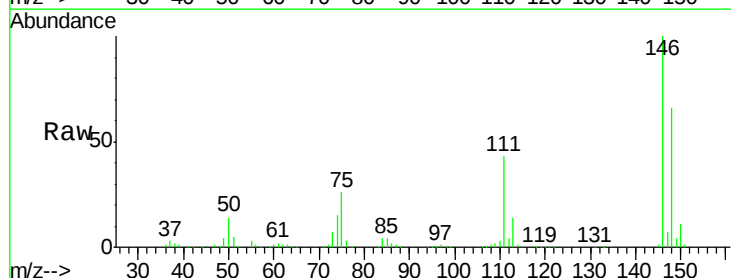
Tgt Ion: 146 Resp: 870527

Ion Ratio Lower Upper

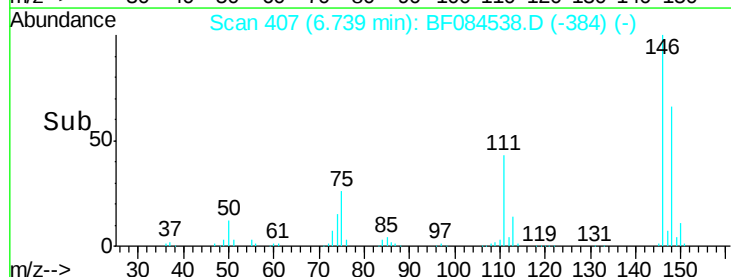
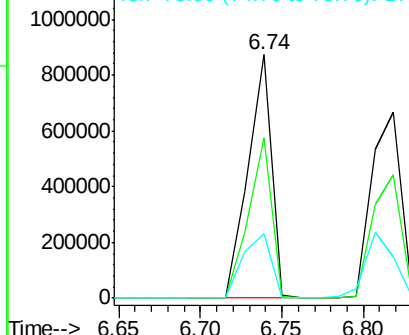
146 100

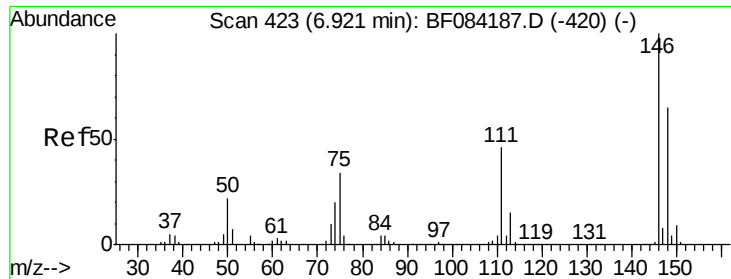
148 65.7 51.9 77.9

75 26.5 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

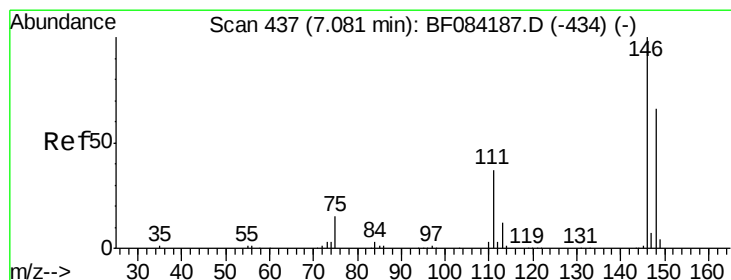
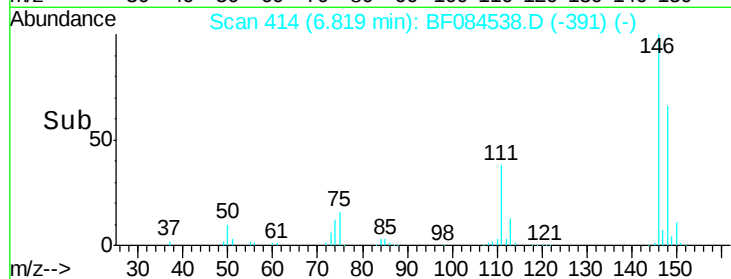
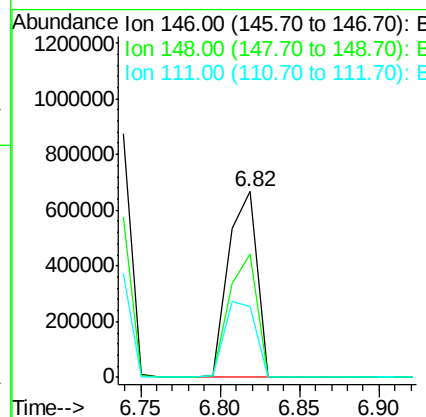
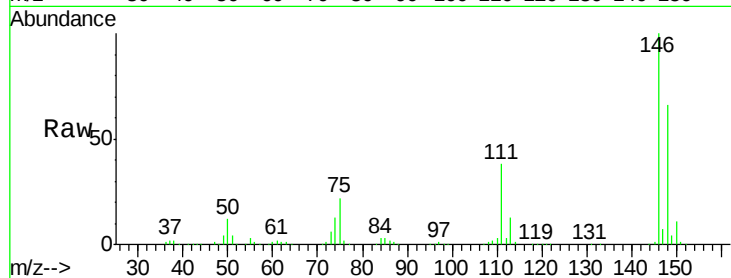




#13
 1,4-Dichlorobenzene
 Concen: 39.25 ng/ml
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

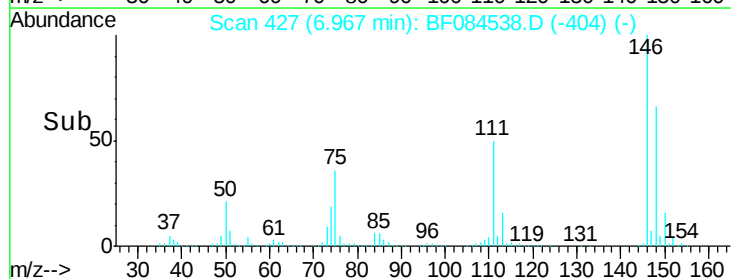
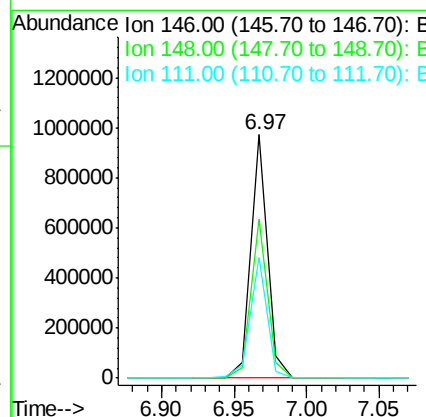
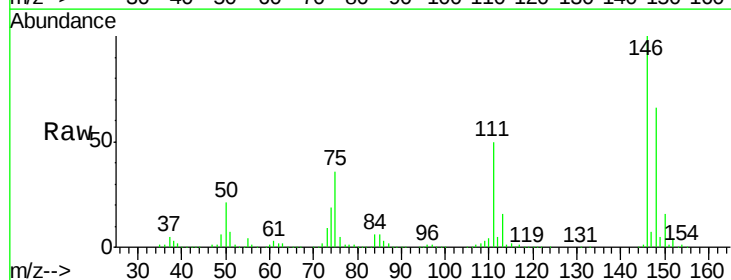
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
111	38.2	41.6	62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.12 ng/ml
 RT: 6.97 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.6	77.4
111	49.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 32.83 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

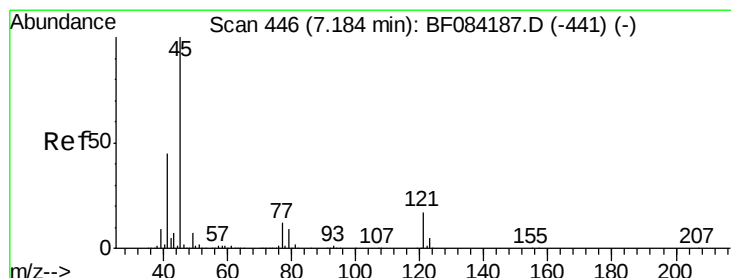
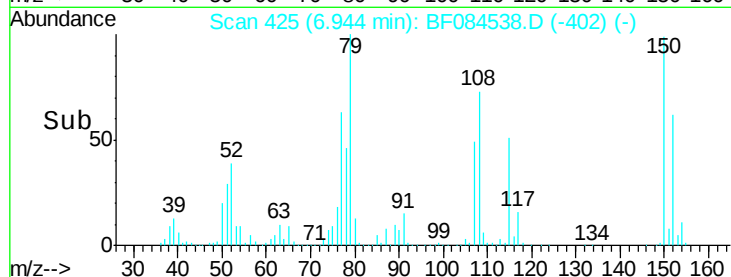
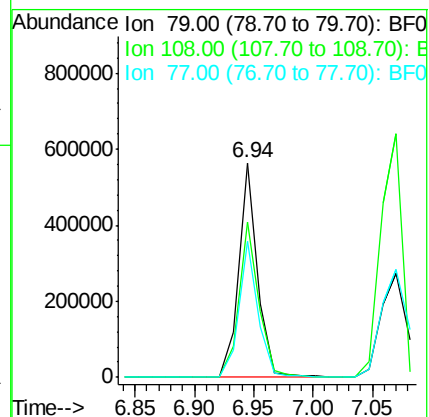
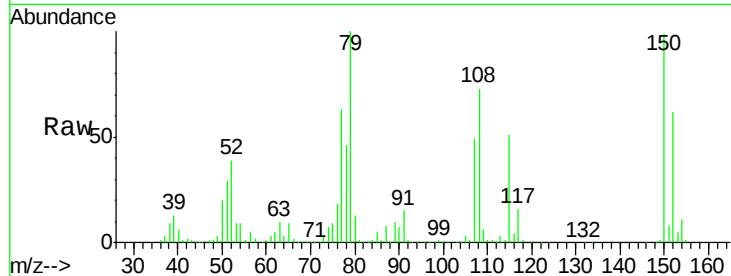
Tot Ion: 79 Resp: 625188

Ion Ratio Lower Upper

79 100

108 72.6 69.0 103.4

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.70 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

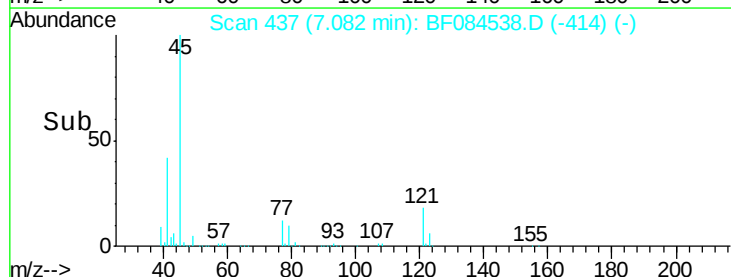
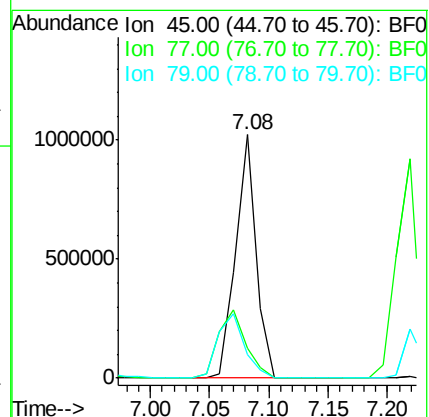
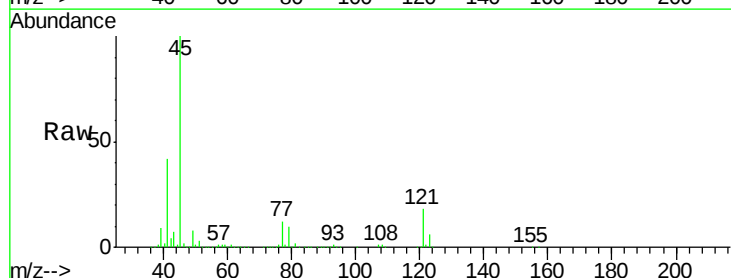
Tgt Ion: 45 Resp: 1223749

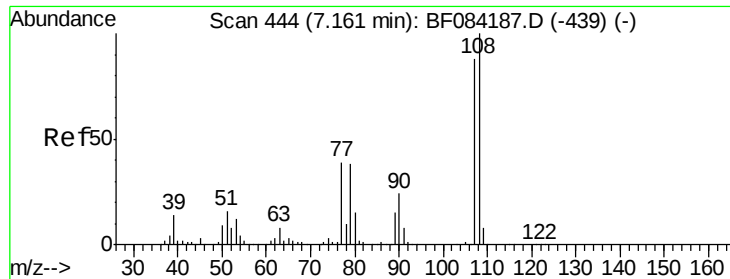
Ion Ratio Lower Upper

45 100

77 12.4 0.0 39.6

79 9.6 0.0 35.0

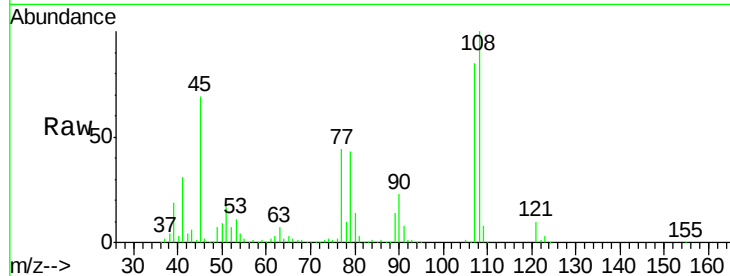




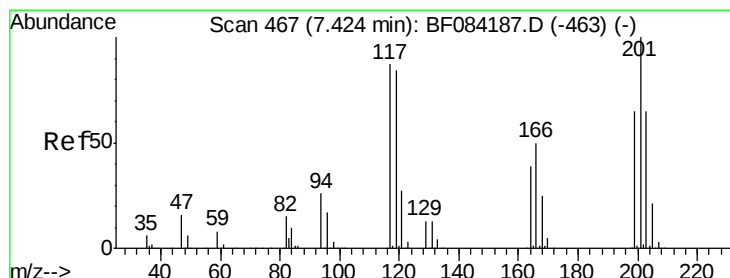
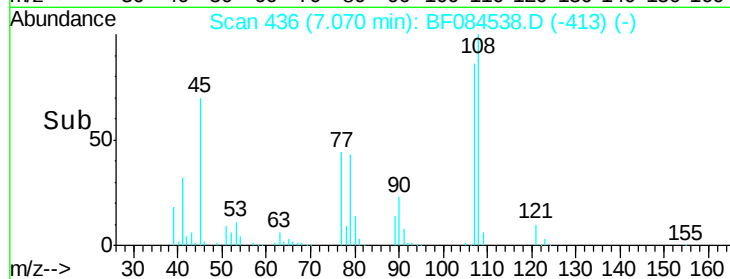
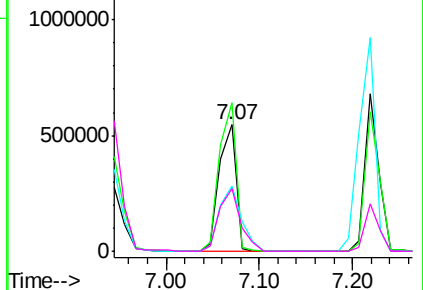
#17
2-Methylphenol
Concen: 39.99 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	685496
Ion	Ratio	Lower	Upper
107	100		
108	117.0	89.8	134.6
77	51.9	35.7	53.5
79	49.8	35.7	53.5

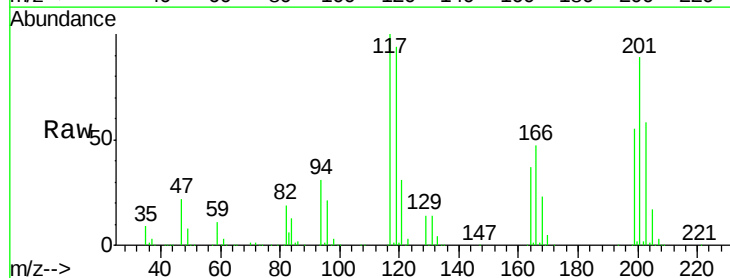


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

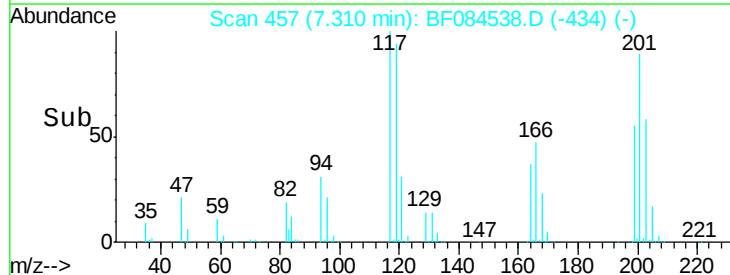
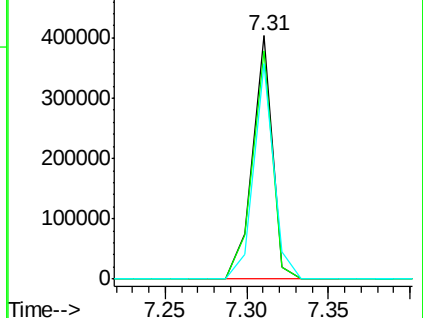


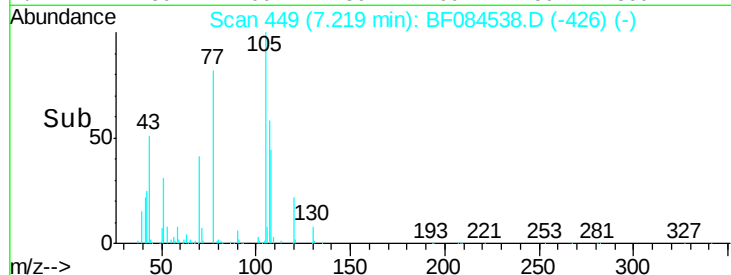
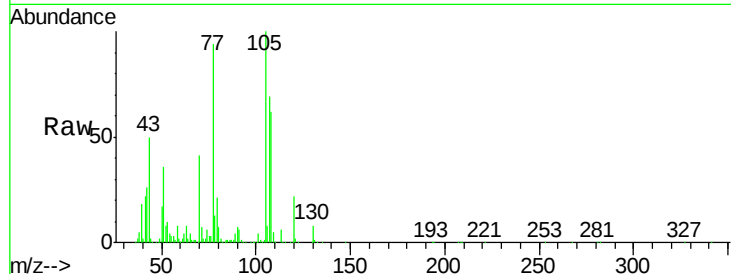
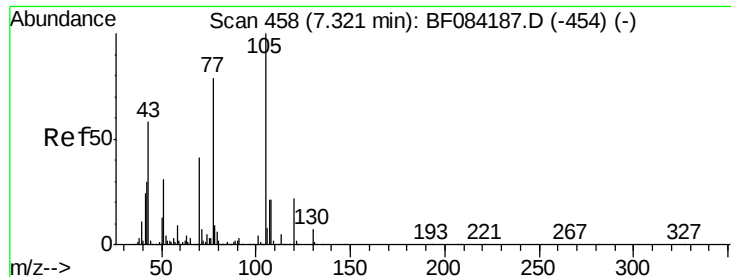
#18
Hexachloroethane
Concen: 40.50 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:	117	Resp:	342610
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.0
201	88.6	68.6	103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

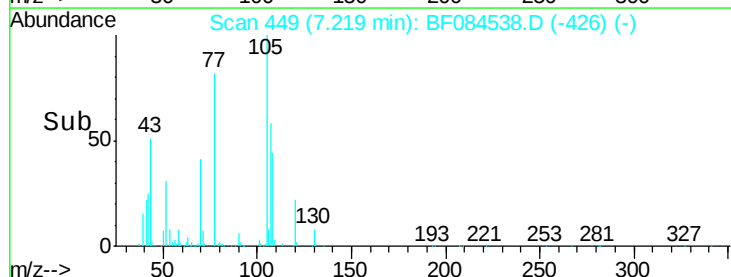
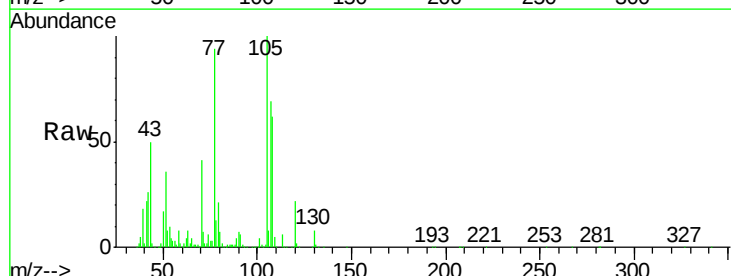
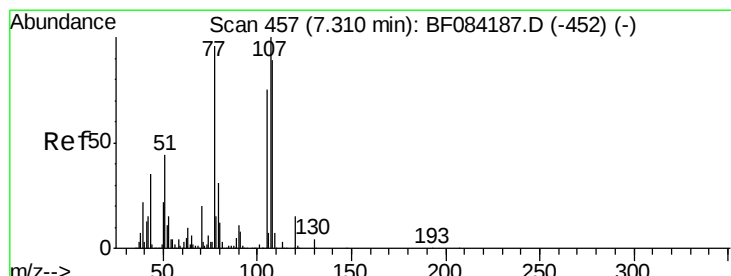
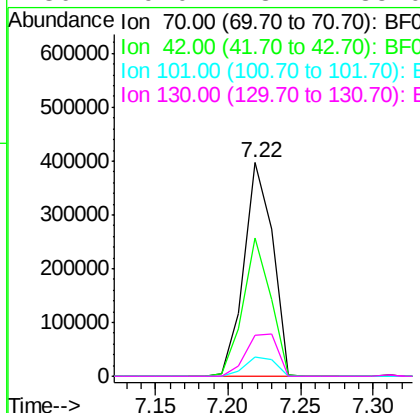




#19
n-Nitroso-di-n-propylamine
Concen: 35.53 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

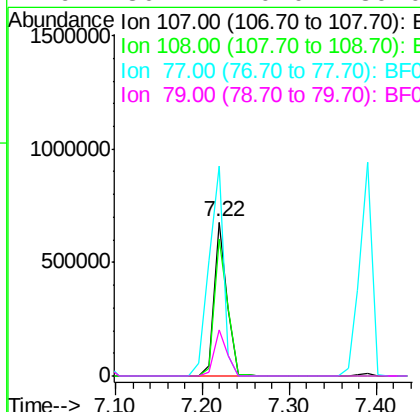
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 544504
Ion Ratio Lower Upper
70 100
42 64.8 33.3 49.9#
101 9.1 9.3 13.9#
130 19.0 23.4 35.0#



#20
3+4-Methylphenols
Concen: 35.12 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:107 Resp: 707513
Ion Ratio Lower Upper
107 100
108 89.1 74.6 114.6
77 136.0 0.7 40.7#
79 30.2 0.0 39.0



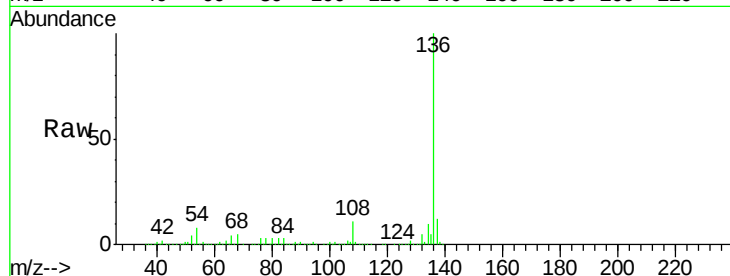


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

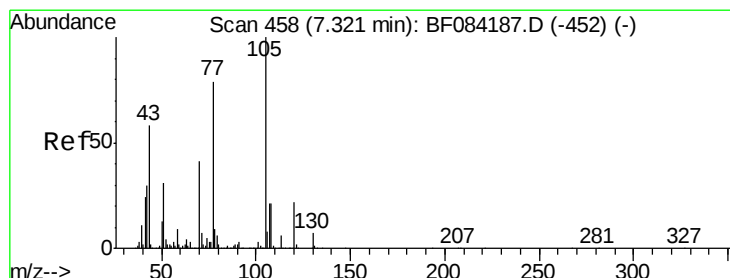
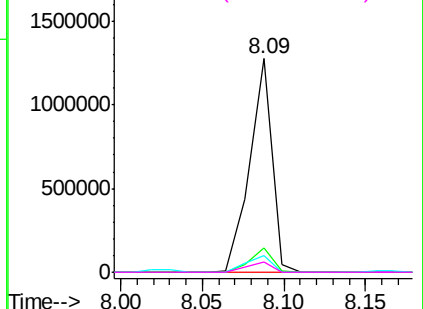
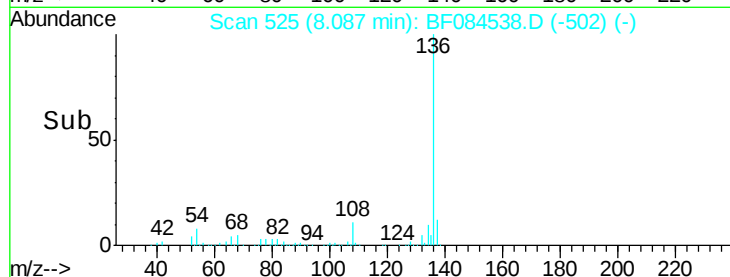
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1210061

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.7	5.8	8.8
68	4.5	4.2	6.2



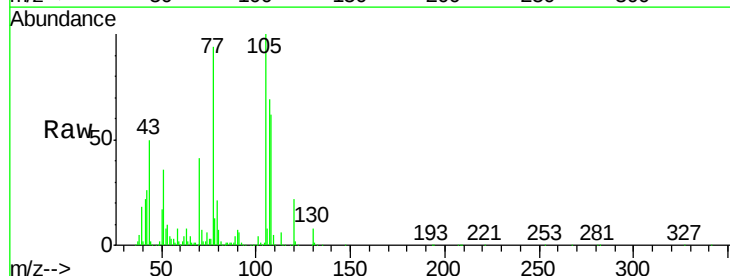
Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



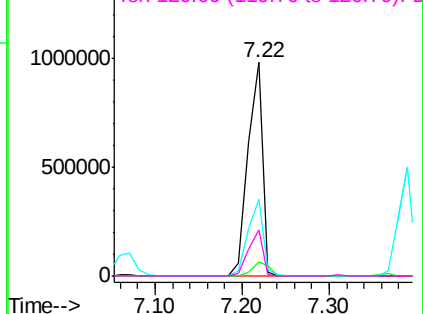
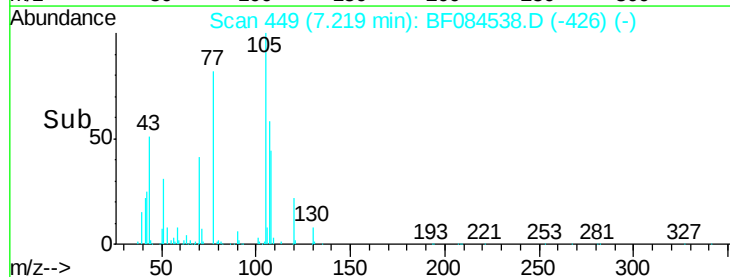
#22
Acetophenone
Concen: 39.48 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:105 Resp: 1148762

Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.7	5.5#
51	36.1	25.1	37.7
120	21.6	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
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

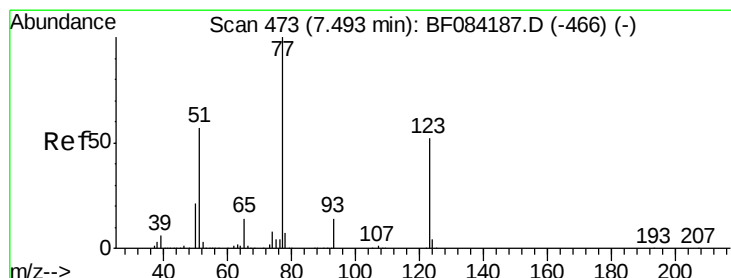
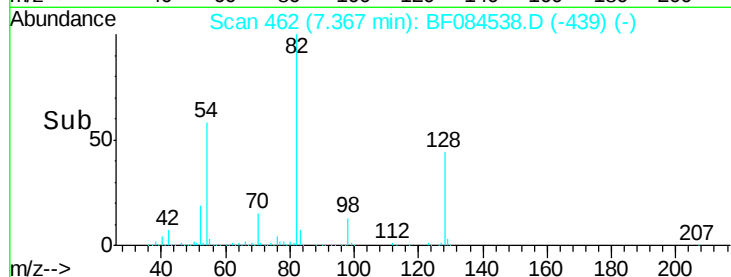
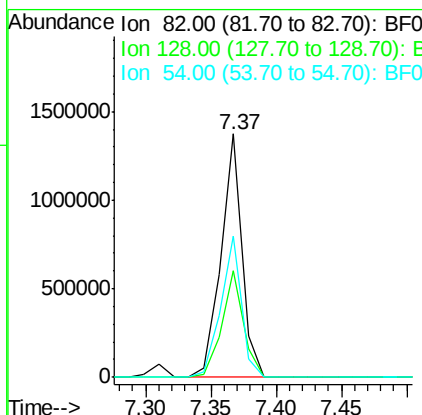
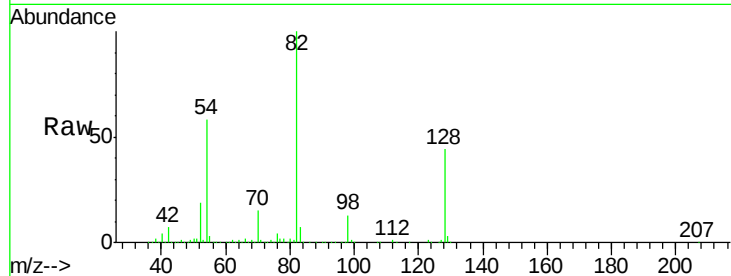




#23
 Nitrobenzene-d5
 Concen: 70.87 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

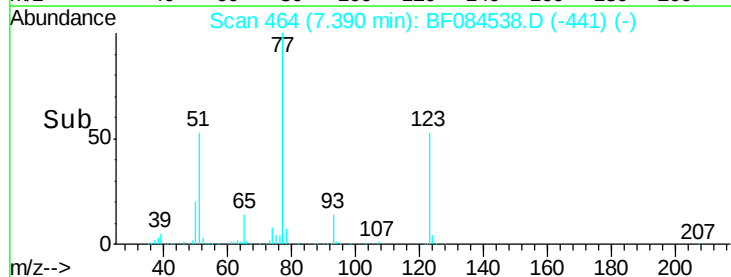
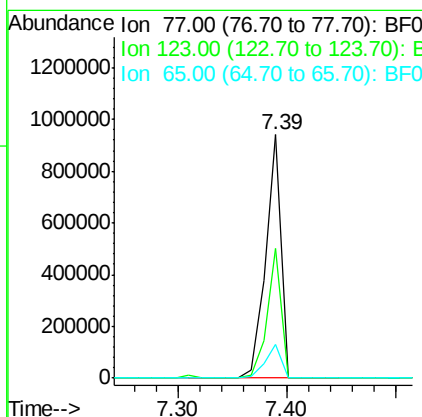
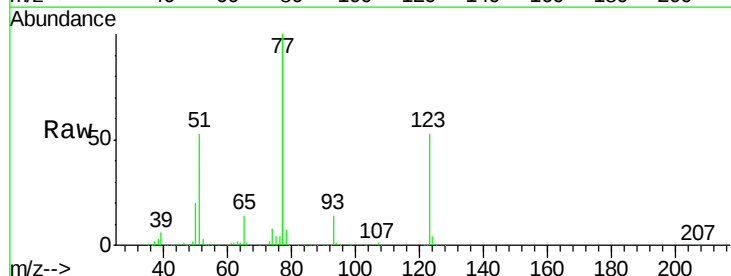
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

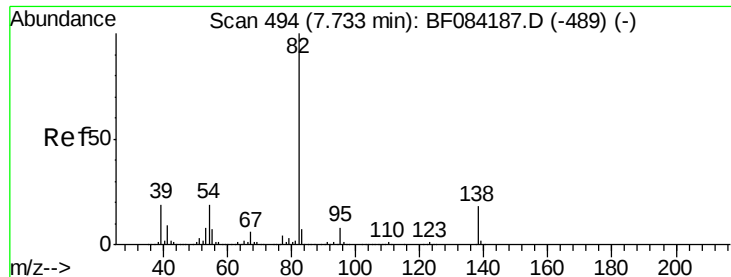
Tot Ion: 82 Resp: 1540891
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 57.9 38.4 57.6#



#24
 Nitrobenzene
 Concen: 42.11 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion: 77 Resp: 928615
 Ion Ratio Lower Upper
 77 100
 123 53.3 37.4 56.2
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 37.22 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

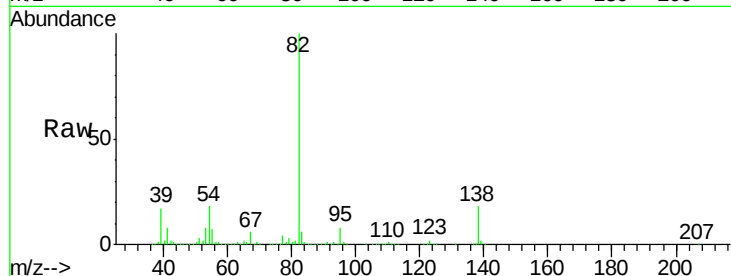
Tot Ion: 82 Resp: 1547876

Ion Ratio Lower Upper

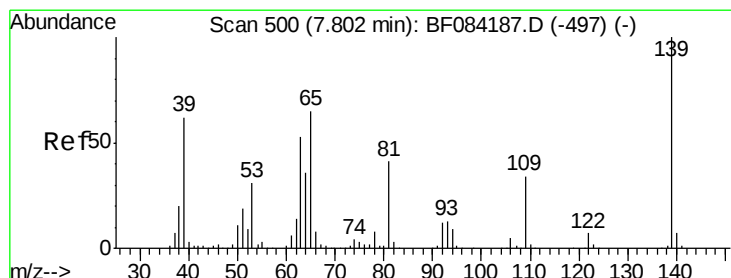
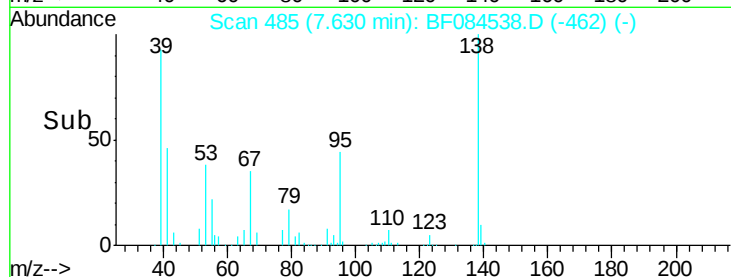
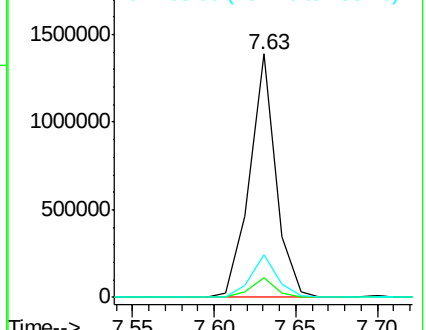
82 100

95 7.8 6.6 10.0

138 17.7 13.6 20.4



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



#26

2-Nitrophenol

Concen: 40.92 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

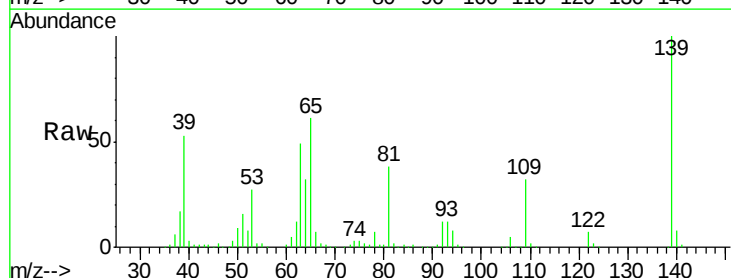
Tgt Ion: 139 Resp: 410642

Ion Ratio Lower Upper

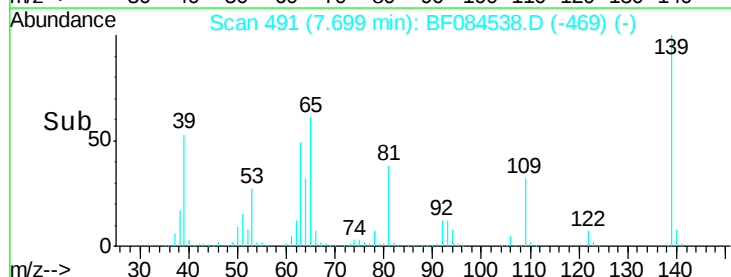
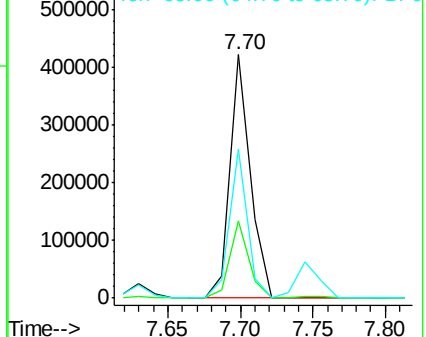
139 100

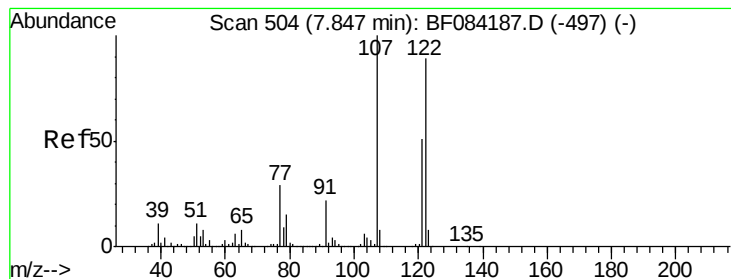
109 31.8 25.4 38.2

65 61.0 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: 36.12 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

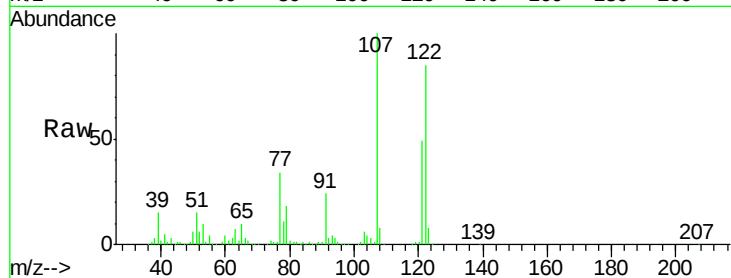
Tot Ion:122 Resp: 733825

Ion Ratio Lower Upper

122 100

107 117.7 99.1 148.7

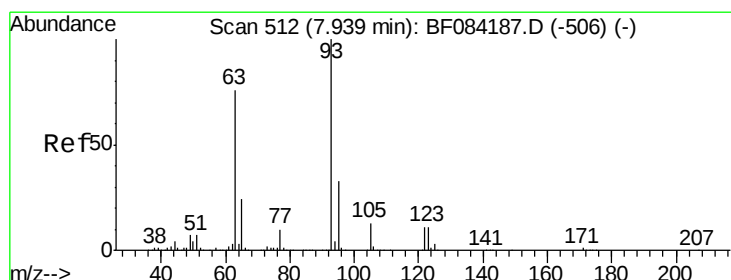
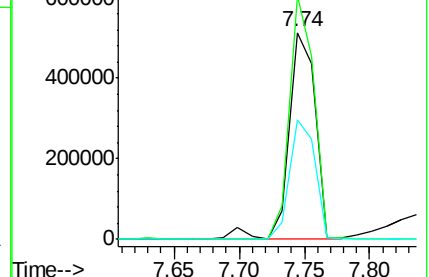
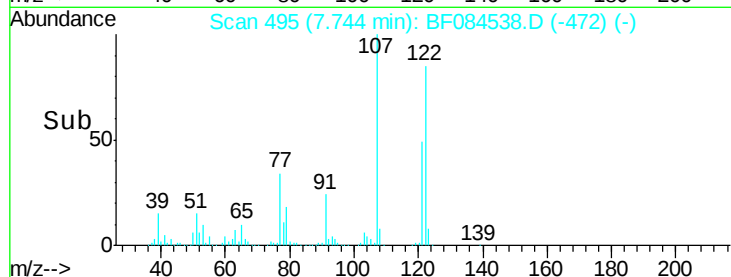
121 57.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.46 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

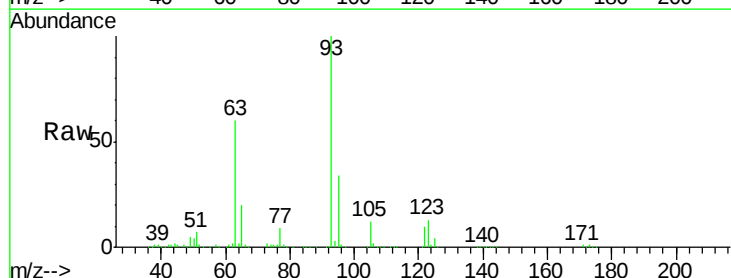
Tgt Ion: 93 Resp: 976965

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

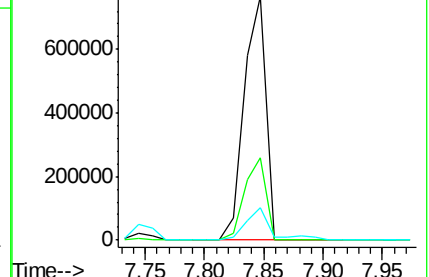
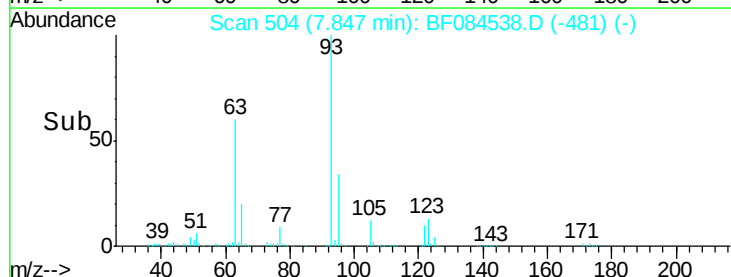
123 13.1 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.91 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

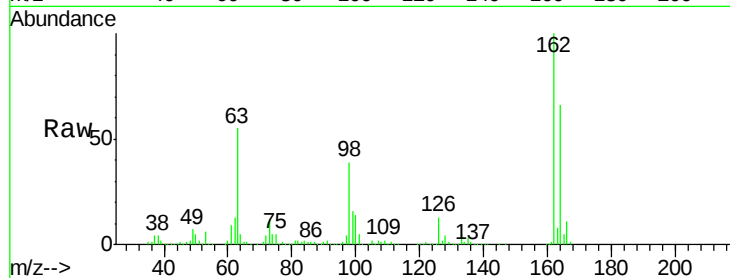
Tot Ion:162 Resp: 675315

Ion Ratio Lower Upper

162 100

164 65.9 44.1 84.1

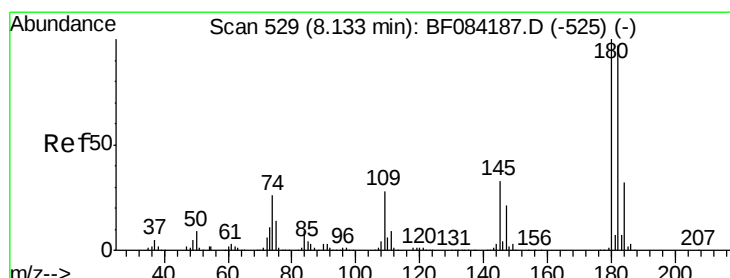
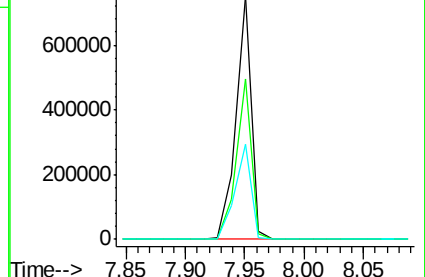
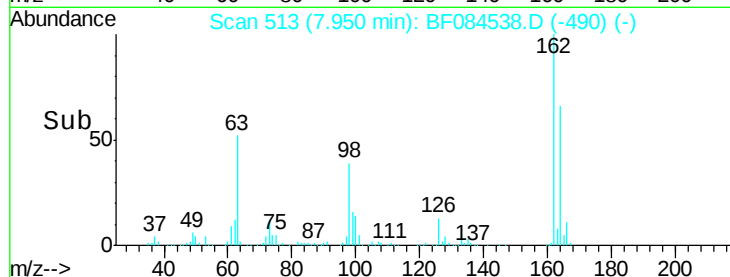
98 38.9 20.2 60.2



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: 40.85 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

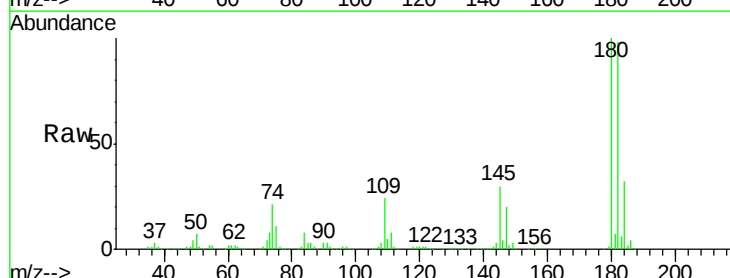
Tgt Ion:180 Resp: 713617

Ion Ratio Lower Upper

180 100

182 97.5 76.4 114.6

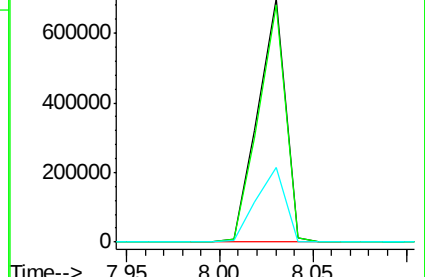
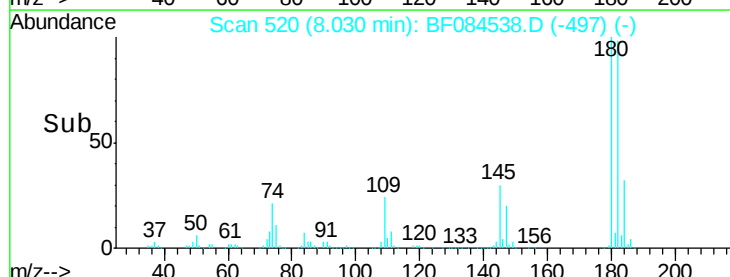
145 30.4 31.6 47.4#

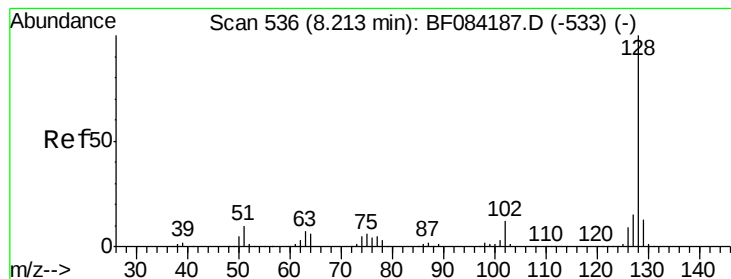


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.80 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

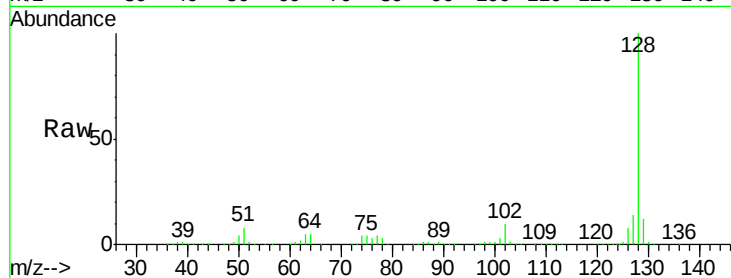
Tot Ion:128 Resp: 2239946

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

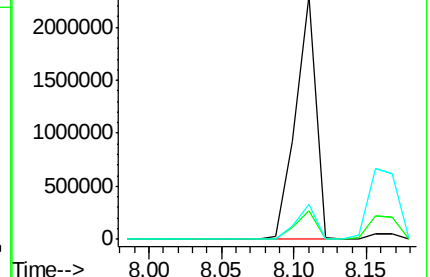
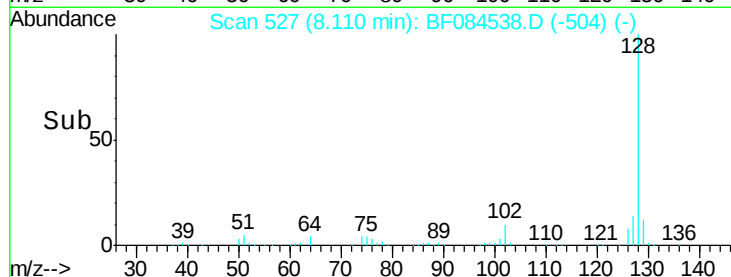
127 14.4 11.1 16.7



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: 40.75 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

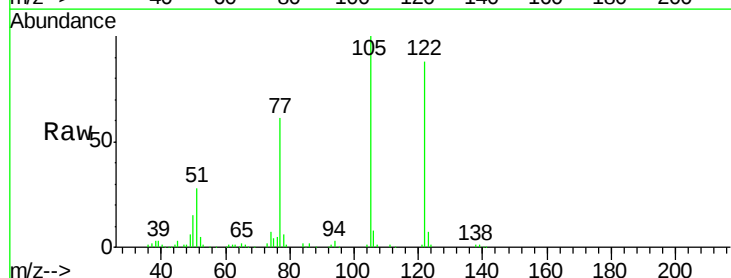
Tgt Ion:122 Resp: 518303

Ion Ratio Lower Upper

122 100

105 113.8 100.3 140.3

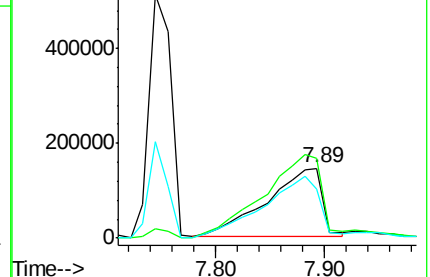
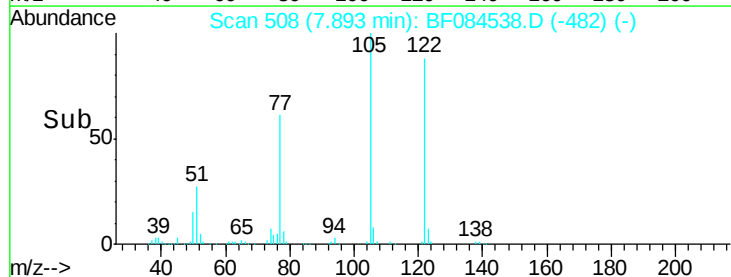
77 69.6 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

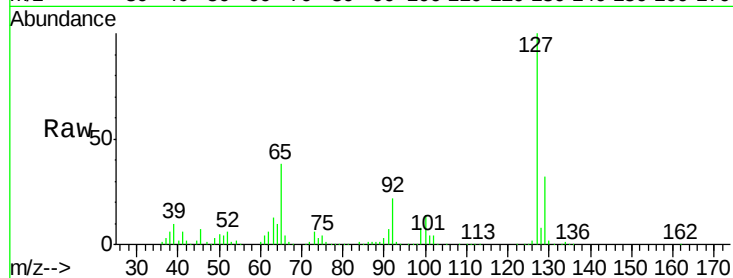




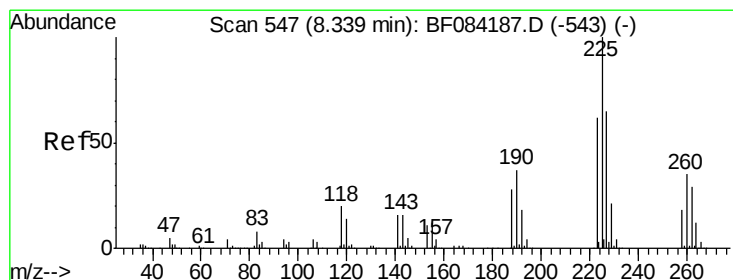
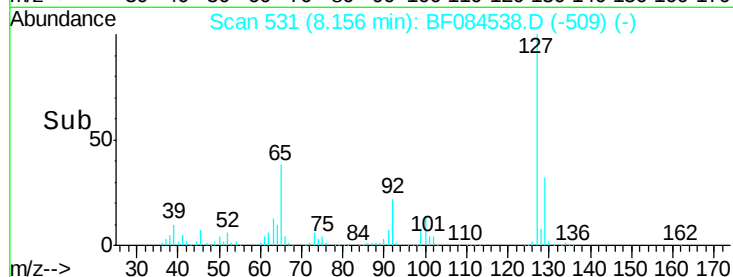
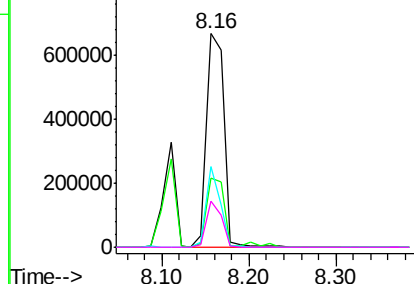
#33
4-Chloroaniline
Concen: 37.13 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	934516
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	37.7	27.2	40.8
92	21.6	17.7	26.5

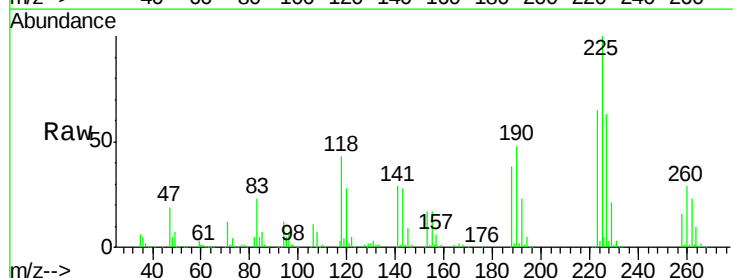


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

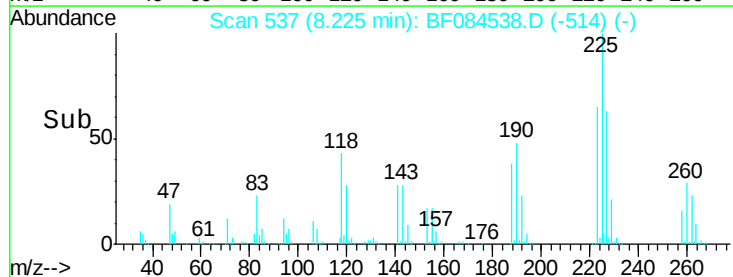
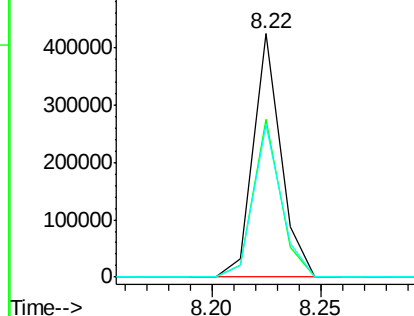


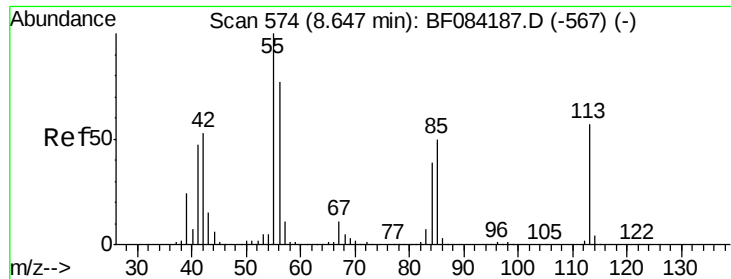
#34
Hexachlorobutadiene
Concen: 37.16 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:	225	Resp:	373159
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.0
227	62.6	50.8	76.2



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





#35

Caprolactam

Concen: 36.47 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

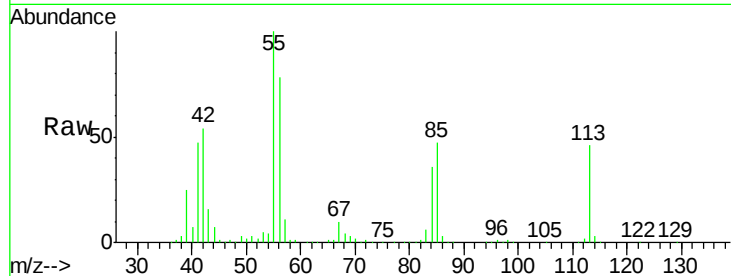
Tot Ion:113 Resp: 208061

Ion Ratio Lower Upper

113 100

55 215.2 116.9 156.9#

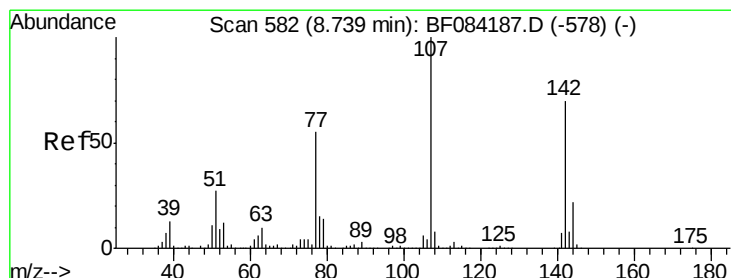
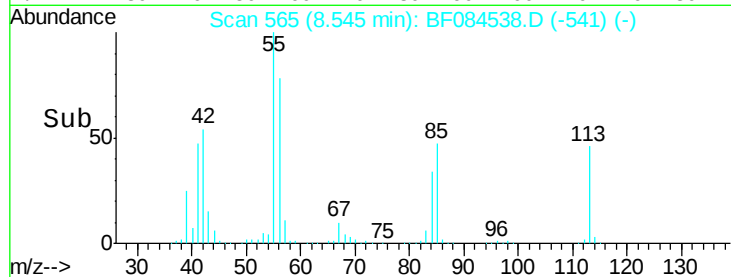
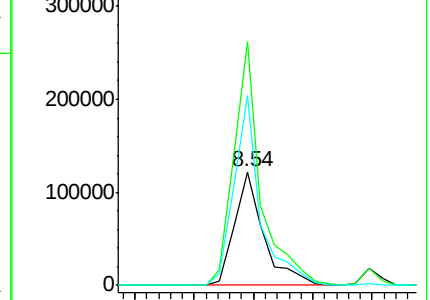
56 167.4 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.73 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

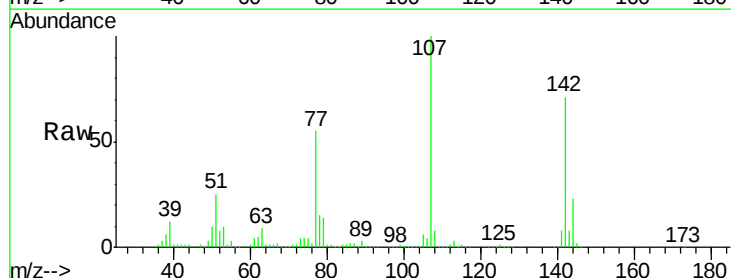
Tgt Ion:107 Resp: 677339

Ion Ratio Lower Upper

107 100

144 23.1 19.7 29.5

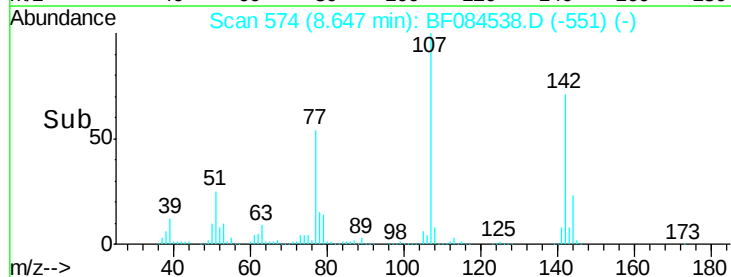
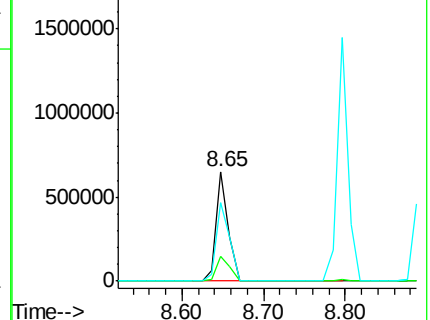
142 71.0 61.8 92.6

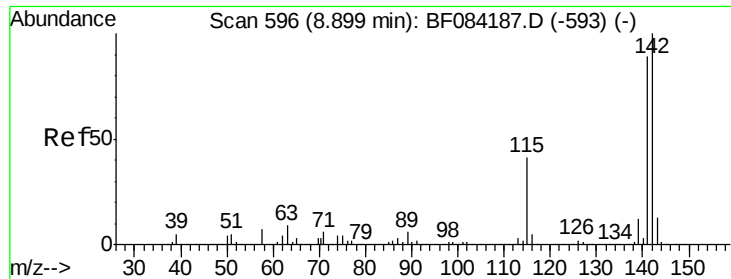


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

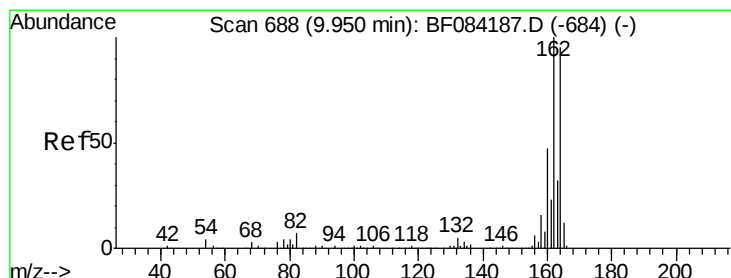
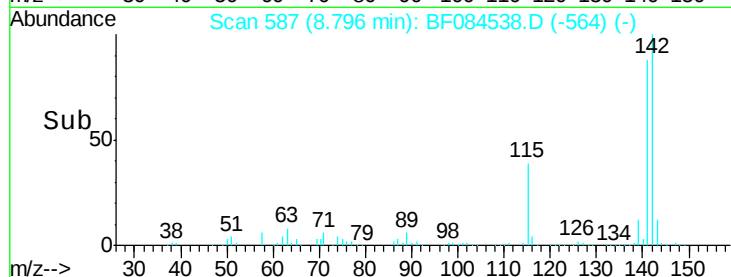
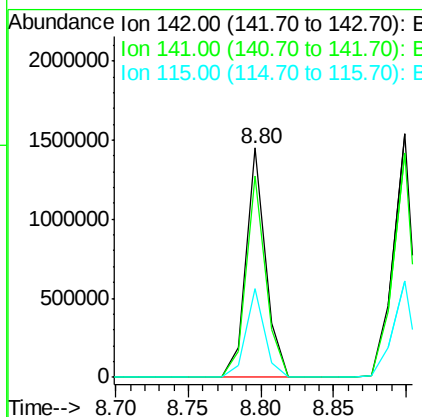
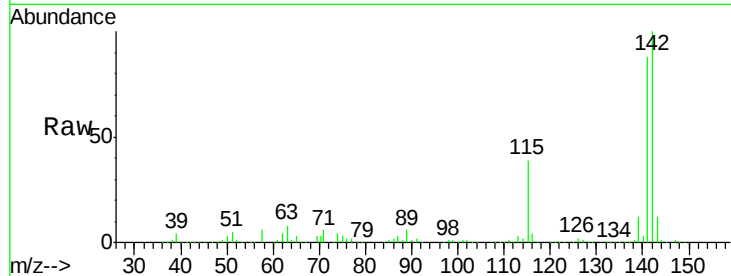




#37
2-Methylnaphthalene
Concen: 34.44 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

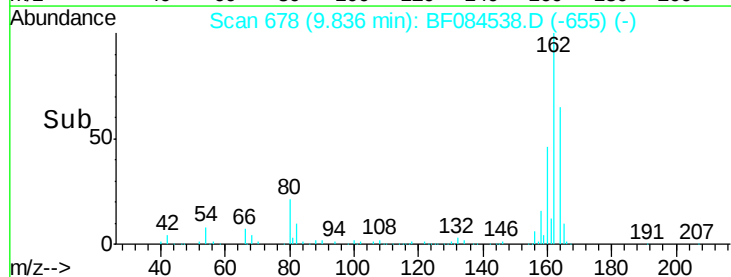
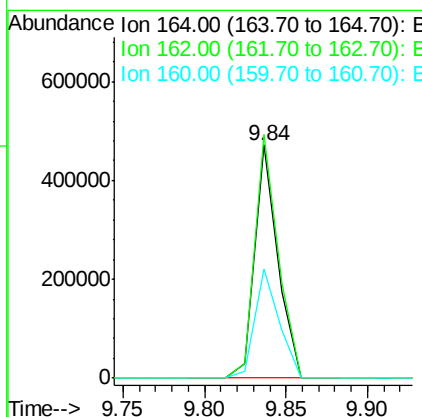
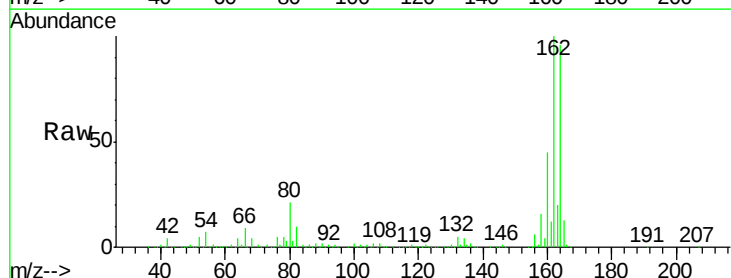
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1357338
Ion Ratio Lower Upper
142 100
141 87.9 72.4 108.6
115 38.9 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:164 Resp: 465413
Ion Ratio Lower Upper
164 100
162 104.4 85.1 127.7
160 46.6 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.57 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 663295

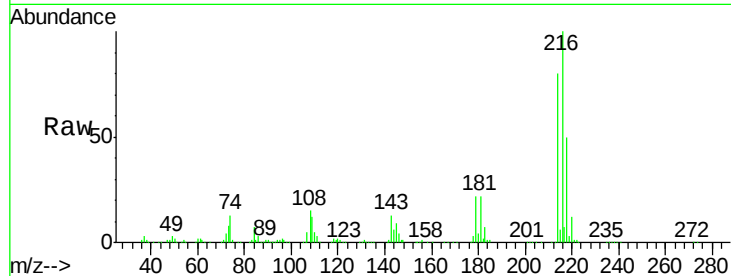
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 23.6 18.7 28.1

108 20.4 16.8 25.2

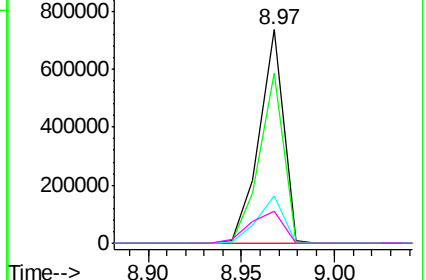
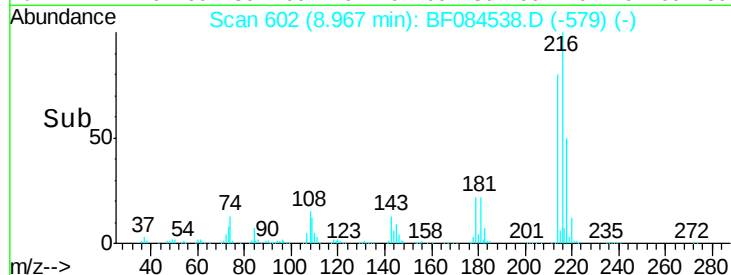


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.01 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

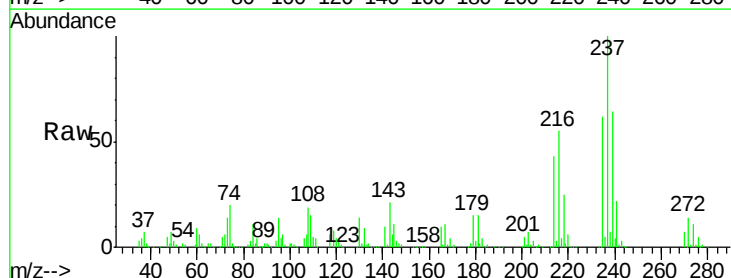
Tgt Ion:237 Resp: 363535

Ion Ratio Lower Upper

237 100

235 61.8 43.1 83.1

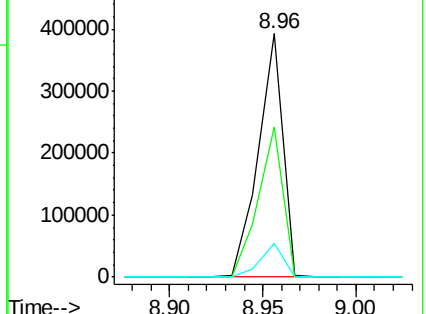
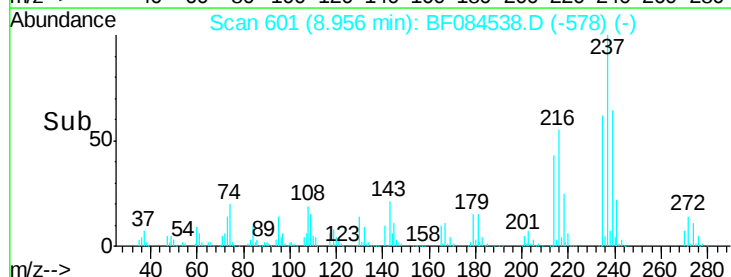
272 13.6 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

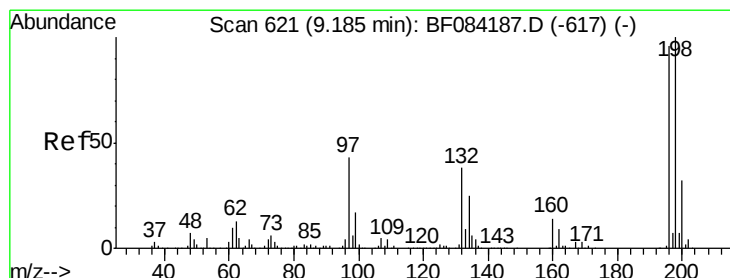
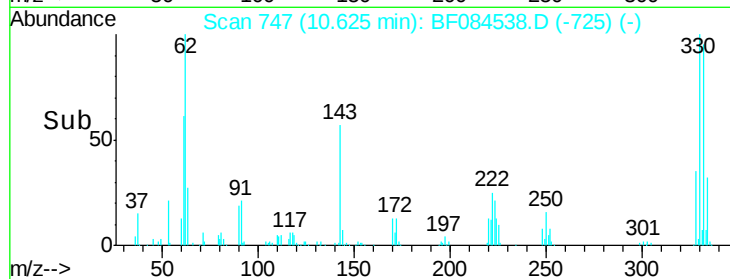
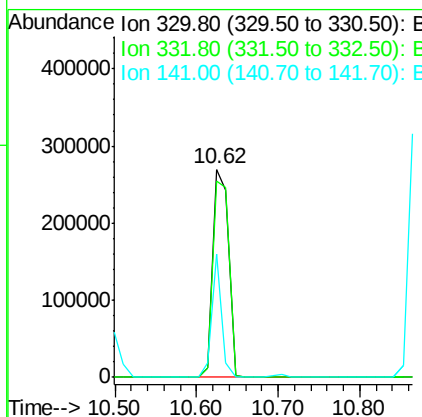
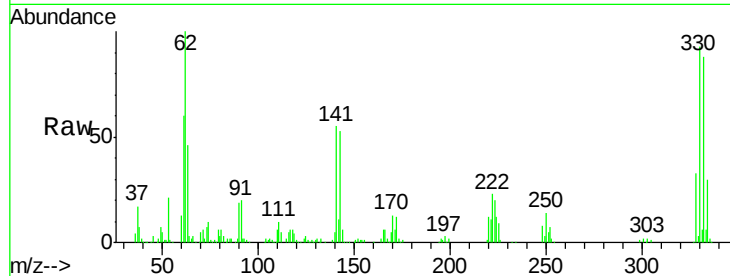




#41
 2,4,6-Tribromophenol
 Concen: 77.83 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

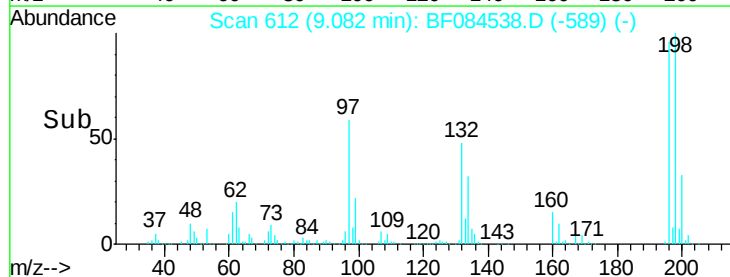
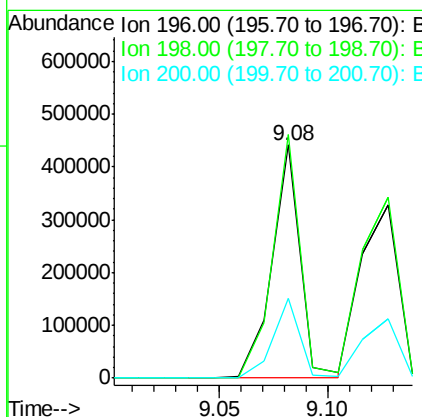
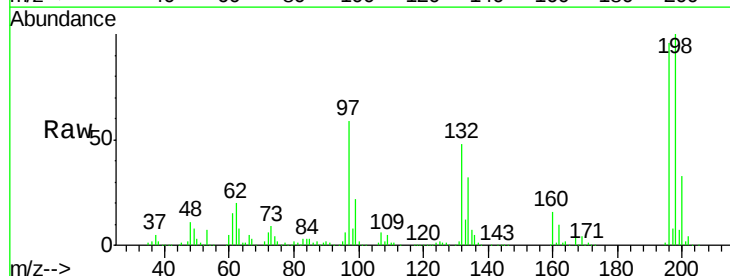
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	37.1	27.8	41.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.98 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.4	77.7	116.5
200	34.4	24.6	37.0

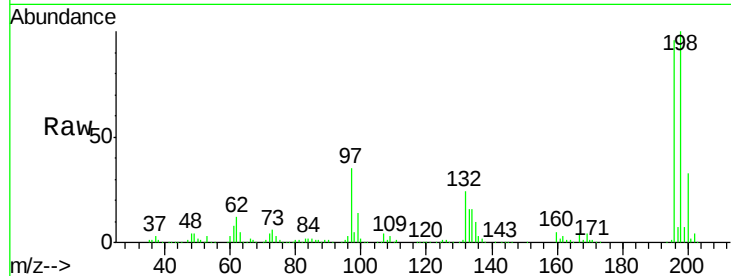




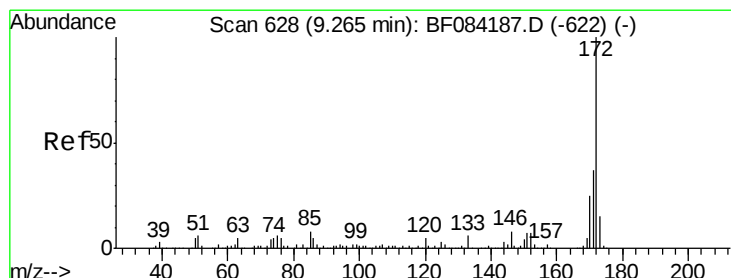
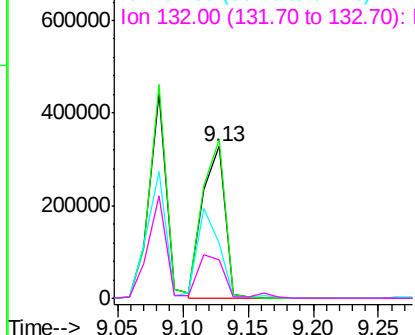
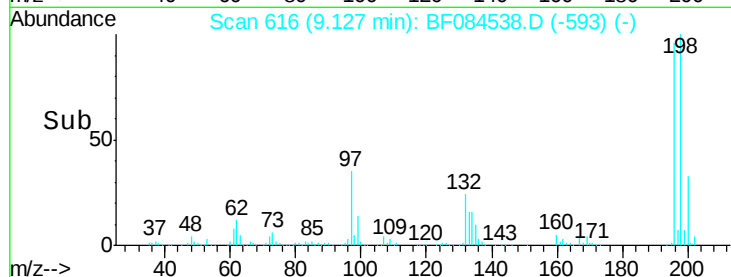
#43
 2,4,5-Trichlorophenol
 Concen: 41.02 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 393614
 Ion Ratio Lower Upper
 196 100
 198 104.2 79.0 118.6
 97 36.4 33.0 49.6
 132 24.9 21.1 31.7

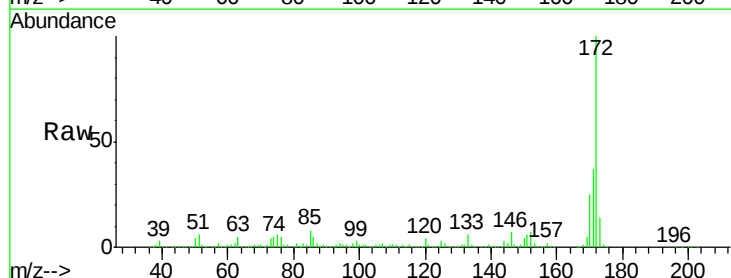


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

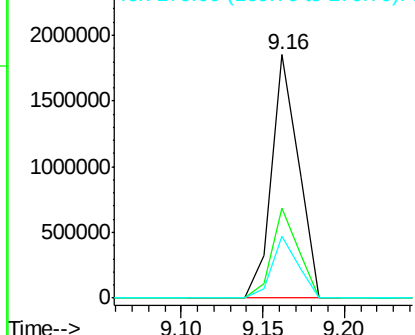
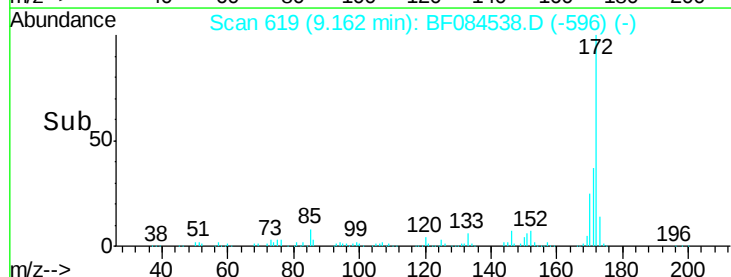


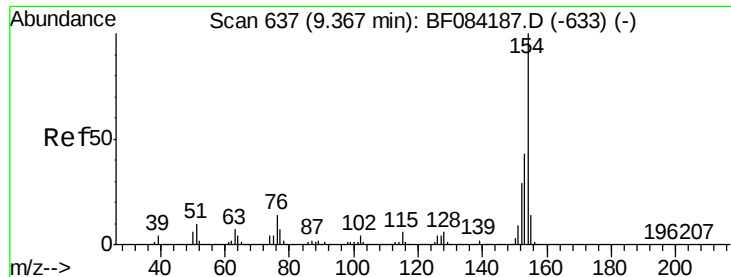
#44
 2-Fluorobiphenyl
 Concen: 80.03 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion:172 Resp: 2127186
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.2 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: 40.87 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

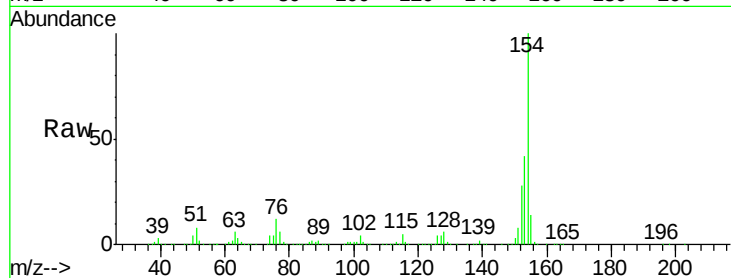
Tot Ion:154 Resp: 1511674

Ion Ratio Lower Upper

154 100

153 42.2 21.6 61.6

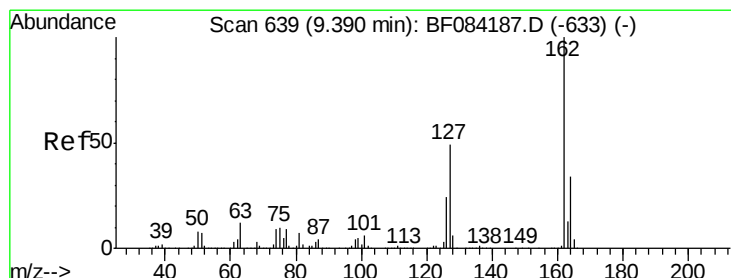
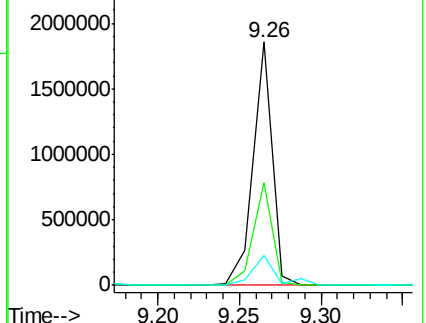
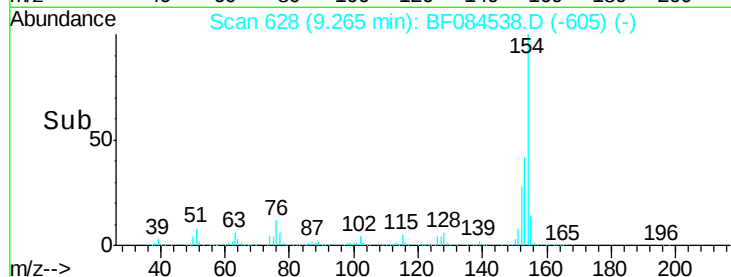
76 12.0 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.23 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

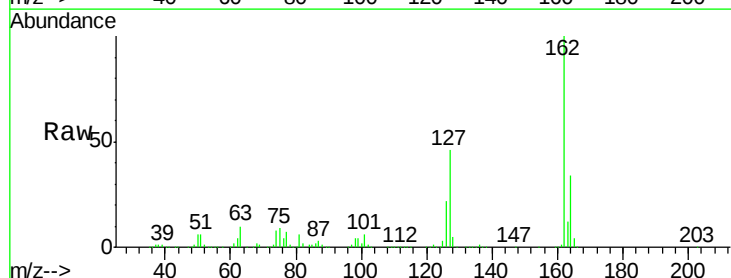
Tgt Ion:162 Resp: 1139810

Ion Ratio Lower Upper

162 100

127 45.8 40.2 60.4

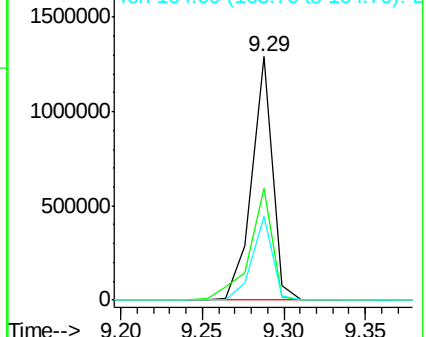
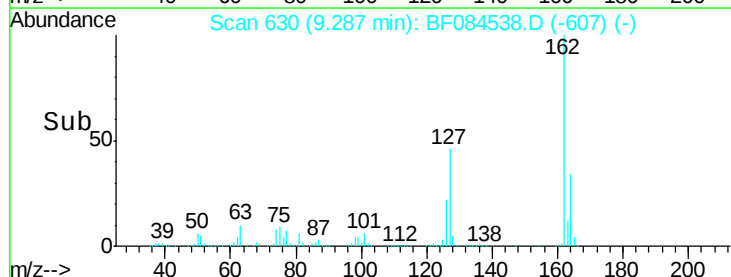
164 34.4 25.7 38.5

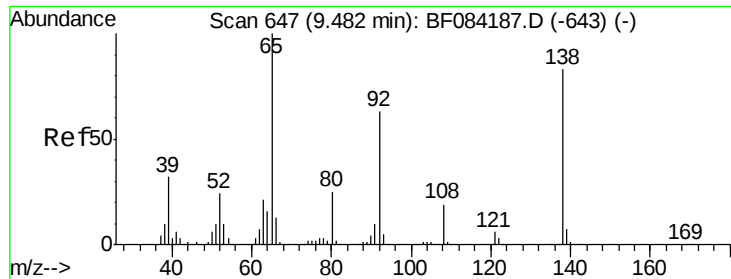


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

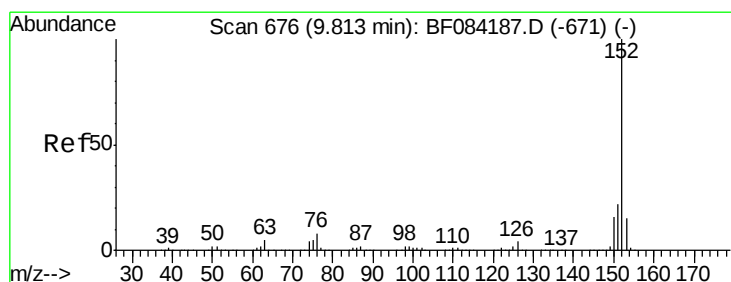
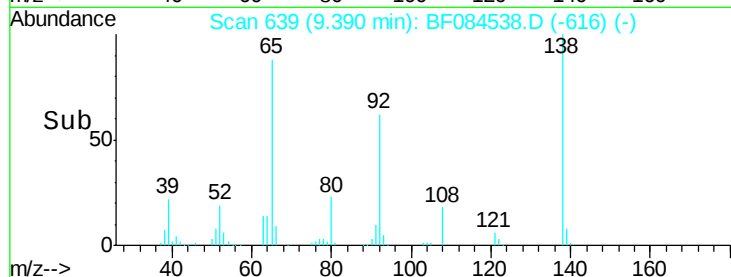
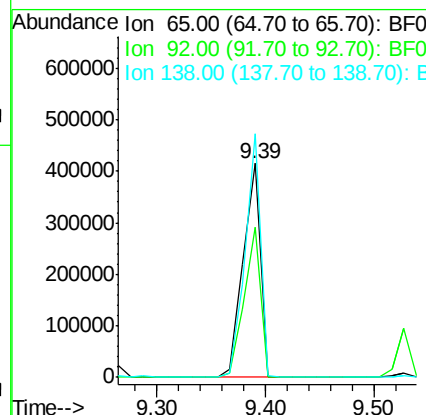
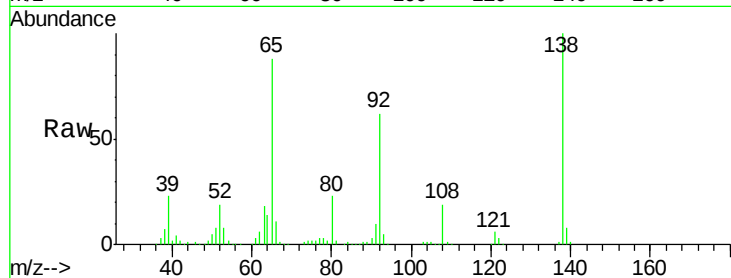




#47
2-Nitroaniline
Concen: 46.75 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

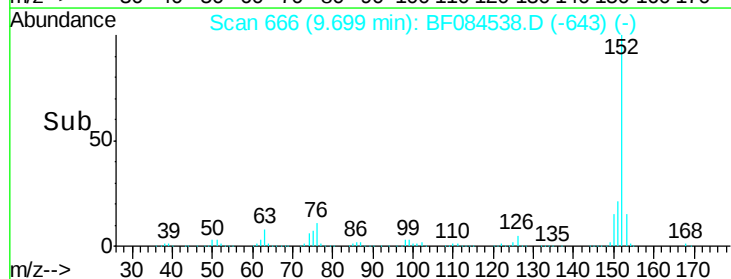
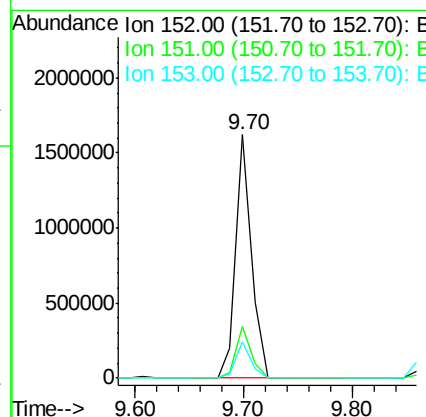
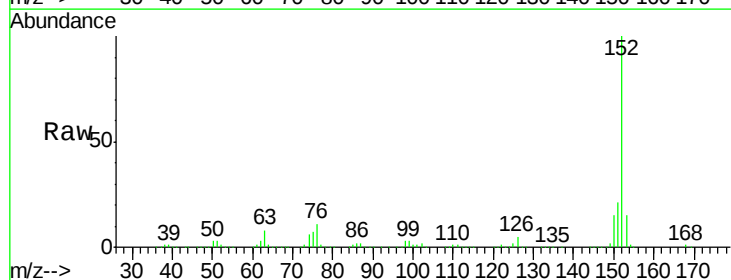
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 448292
Ion Ratio Lower Upper
65 100
92 70.2 53.4 80.2
138 113.8 71.1 106.7#



#48
Acenaphthylene
Concen: 37.36 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion: 152 Resp: 1603521
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 15.1 10.4 15.6





#49

Dimethylphthalate

Concen: 39.28 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

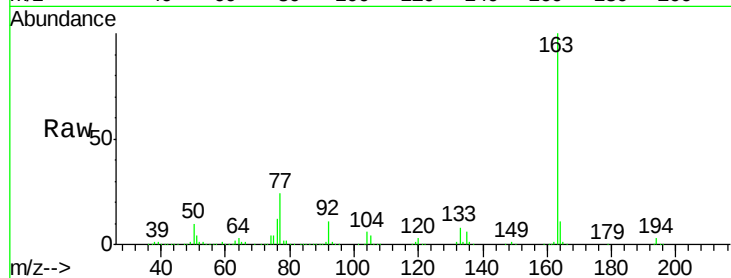
Tot Ion:163 Resp: 1307007

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

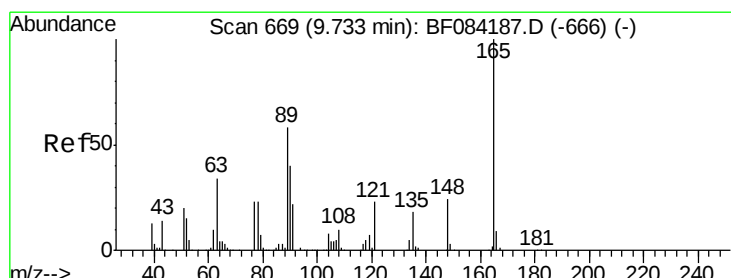
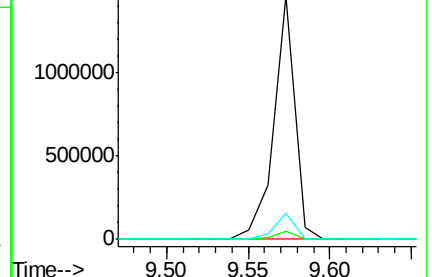
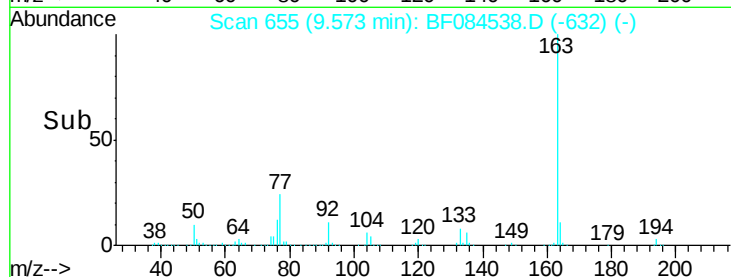
164 10.9 8.0 12.0



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: 38.25 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

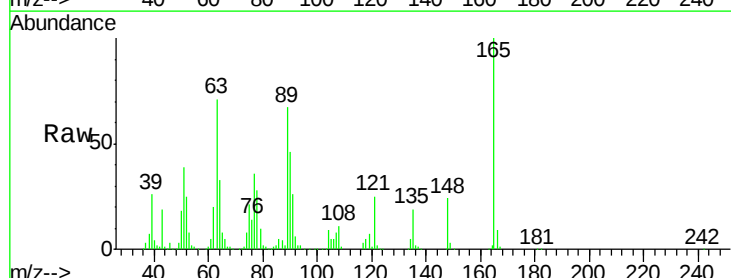
Tgt Ion:165 Resp: 279121

Ion Ratio Lower Upper

165 100

63 71.2 28.8 43.2#

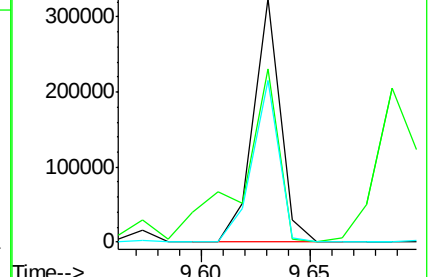
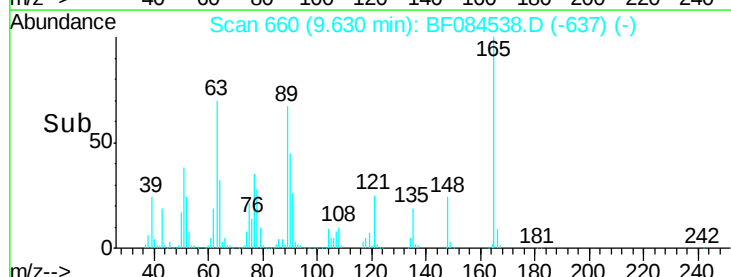
89 66.5 35.1 52.7#

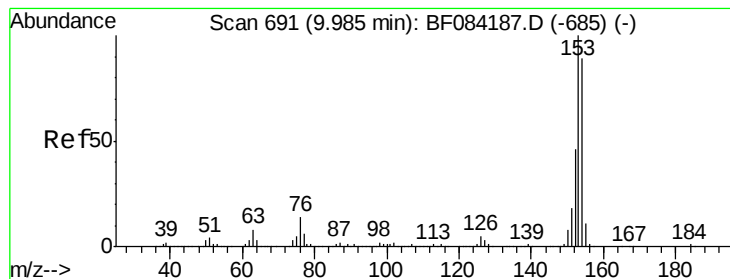


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.41 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

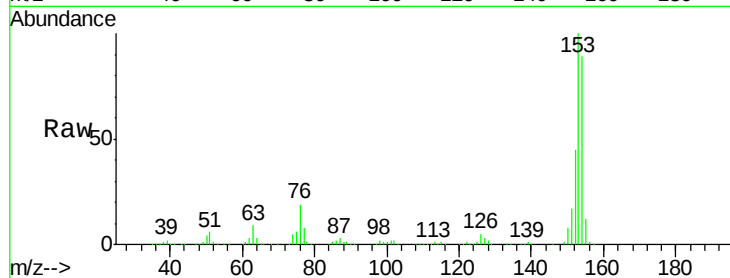
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1163667

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.5	137.3
152	50.8	43.0	64.6



Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

2000000

1500000

1000000

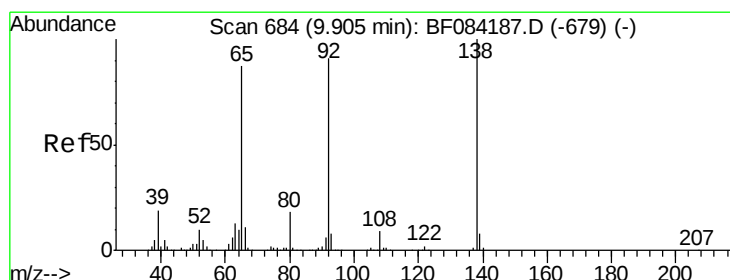
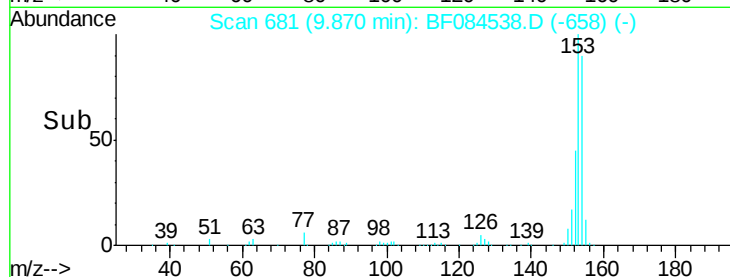
500000

0

9.80

10.00

Time-->



#52

3-Nitroaniline

Concen: 41.16 ng

RT: 9.80 min Scan# 675

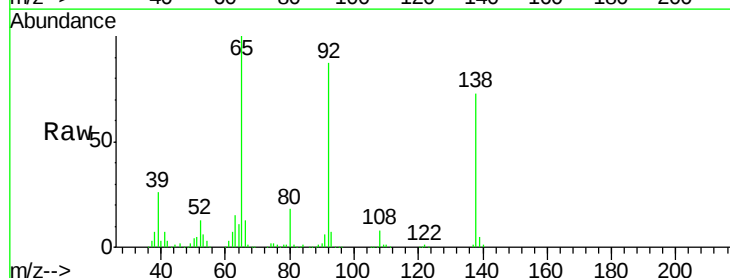
Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Tgt Ion:138 Resp: 372162

Ion	Ratio	Lower	Upper
138	100		
108	10.8	10.5	15.7
92	119.4	103.9	155.9



Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

600000

500000

400000

300000

200000

100000

0

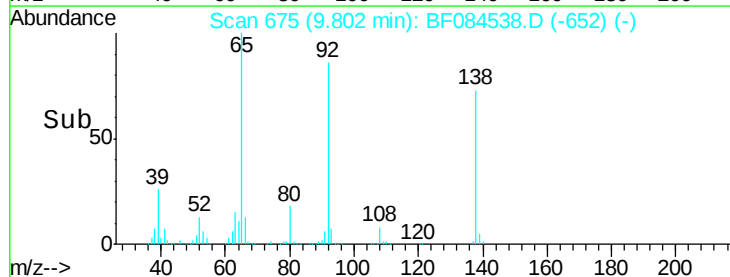
9.70

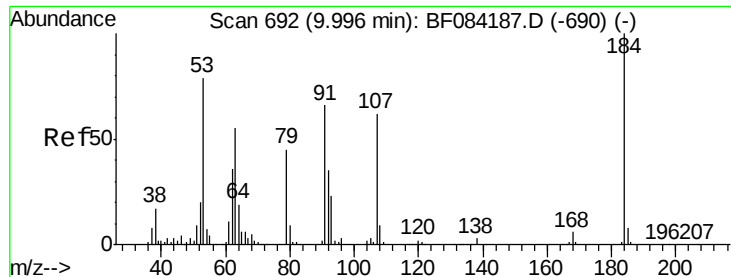
9.75

9.80

9.85

Time-->





#53

2,4-Dinitrophenol

Concen: 63.69 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

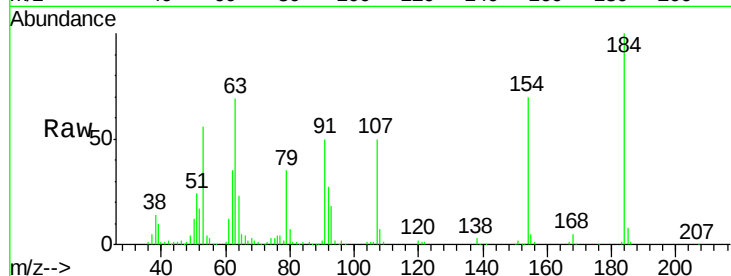
Tot Ion:184 Resp: 195642

Ion Ratio Lower Upper

184 100

63 69.1 43.1 64.7#

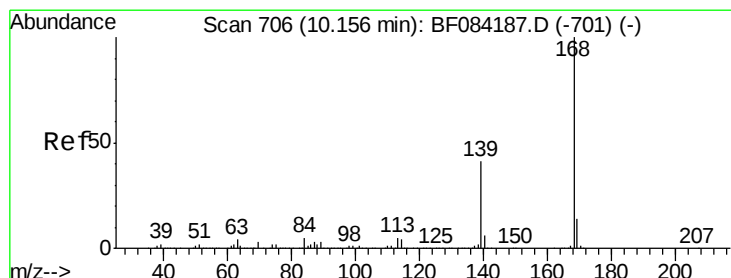
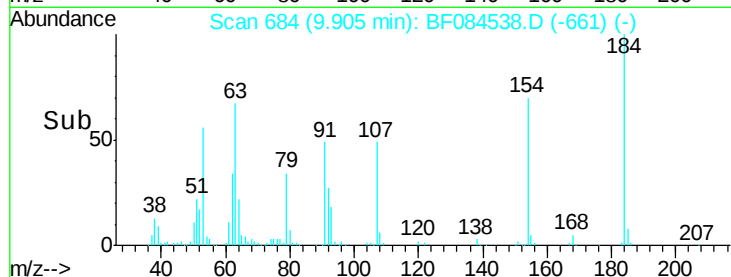
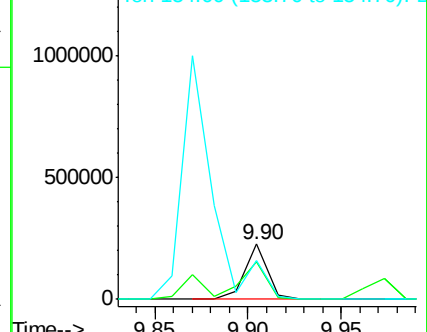
154 70.0 60.5 90.7



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: 38.50 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

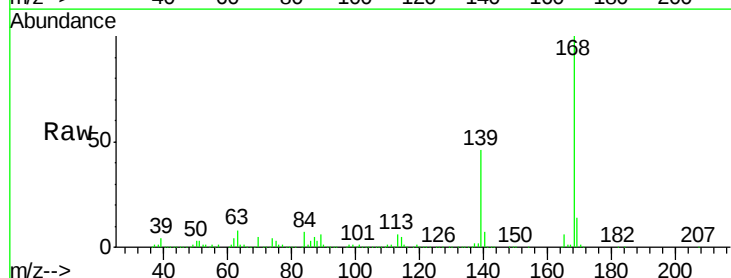
Tgt Ion:168 Resp: 1451665

Ion Ratio Lower Upper

168 100

139 45.6 30.5 45.7

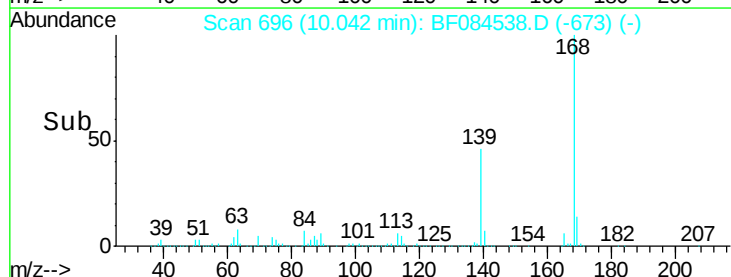
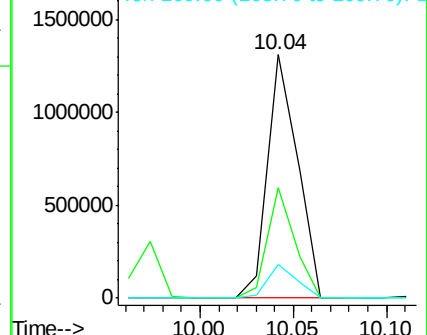
169 14.0 10.4 15.6

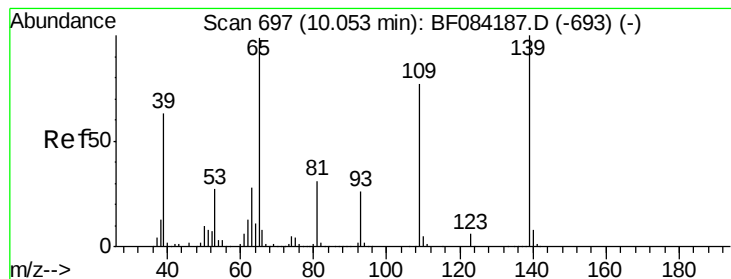


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.57 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

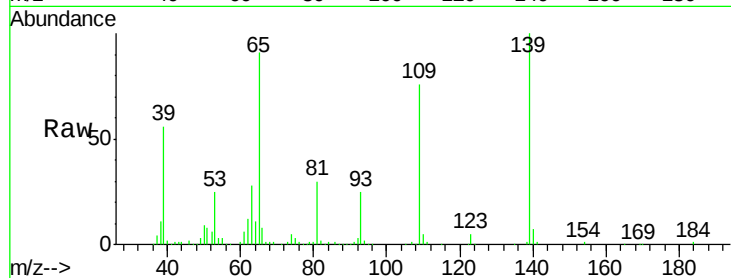
Tot Ion:139 Resp: 292532

Ion Ratio Lower Upper

139 100

109 76.4 58.5 98.5

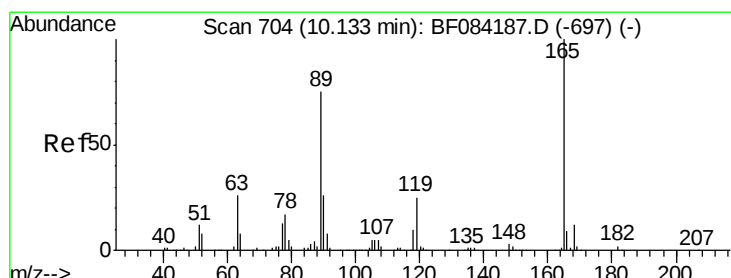
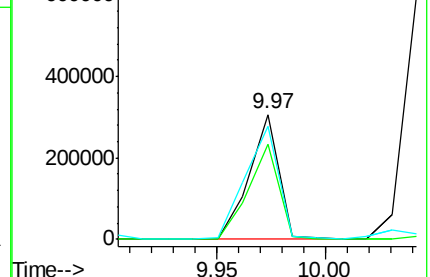
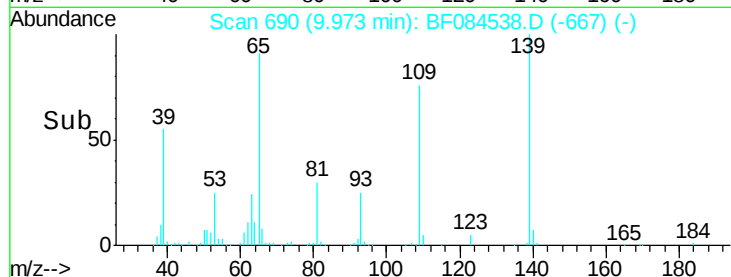
65 90.7 57.6 97.6



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: 37.68 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Tgt Ion:165 Resp: 347992

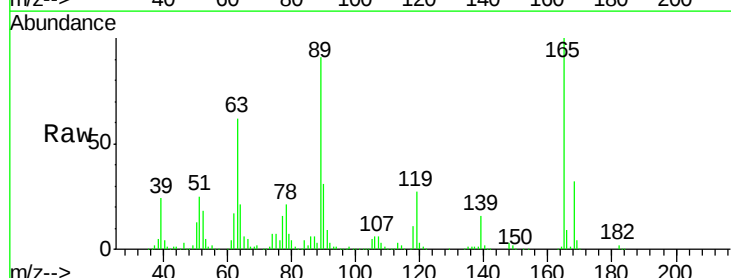
Ion Ratio Lower Upper

165 100

63 62.2 36.7 55.1#

89 90.7 61.9 92.9

182 2.1 2.0 3.0

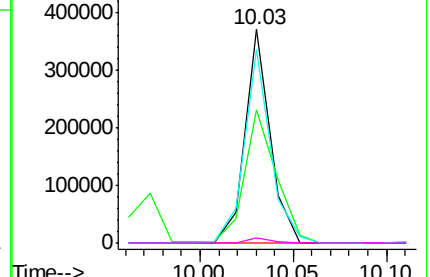
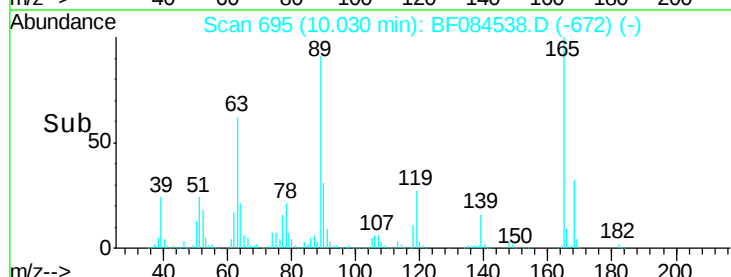


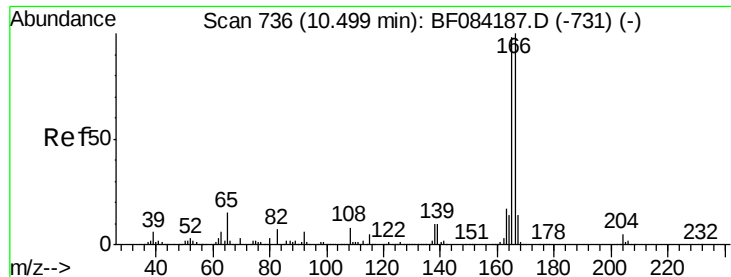
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.14 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

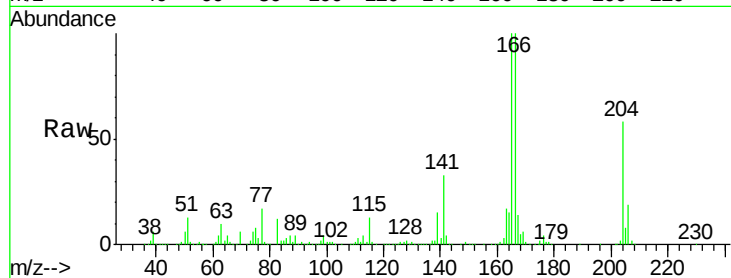
Tot Ion:166 Resp: 1055603

Ion Ratio Lower Upper

166 100

165 99.5 79.1 118.7

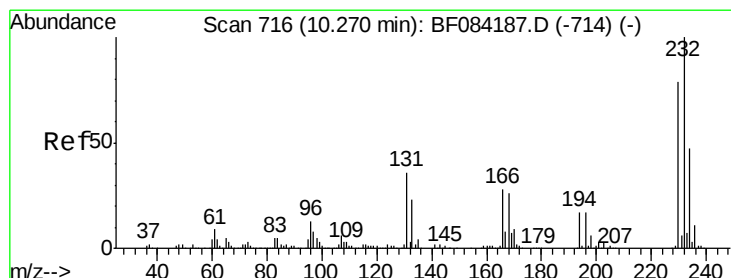
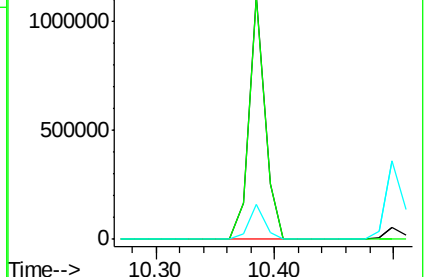
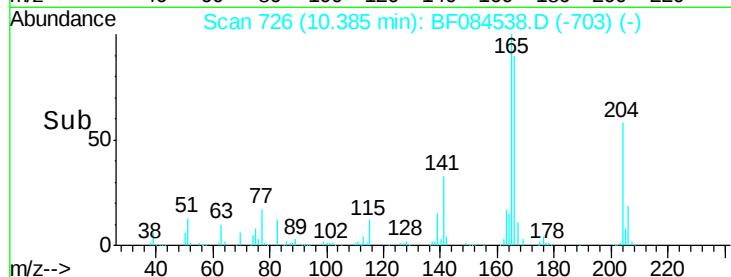
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.73 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Tgt Ion:232 Resp: 350087

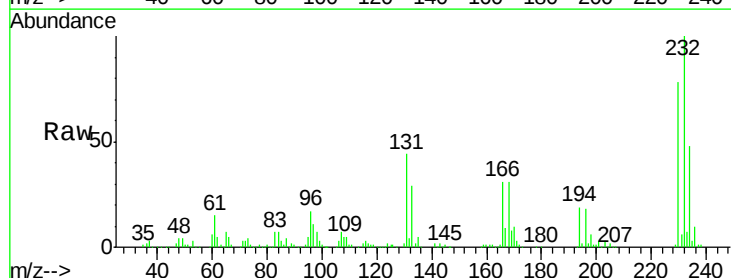
Ion Ratio Lower Upper

232 100

131 50.9 47.0 70.6

130 2.4 2.0 3.0

166 33.3 30.5 45.7

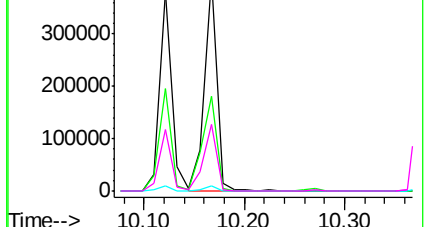
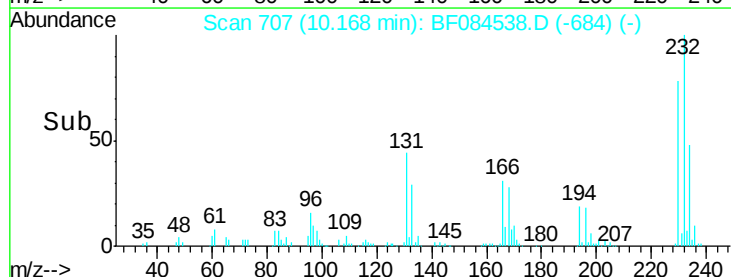


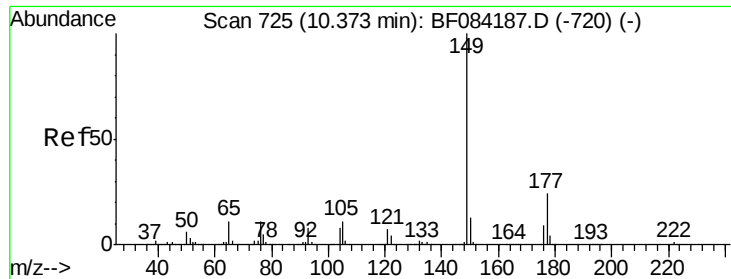
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

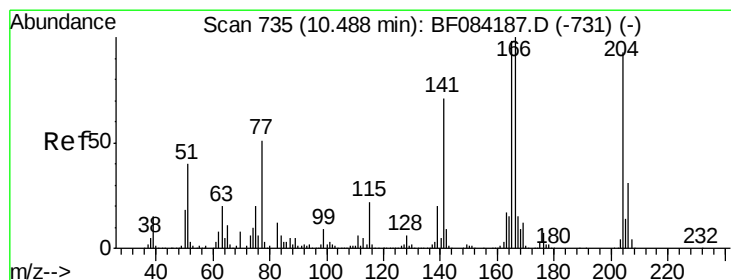
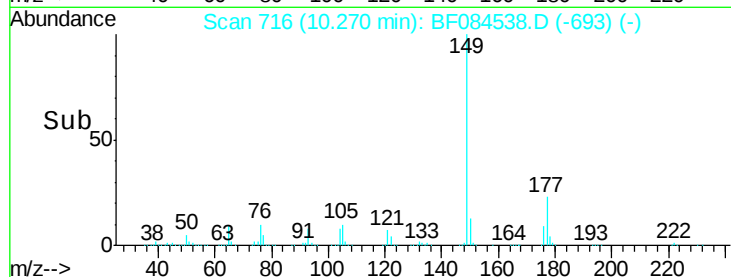
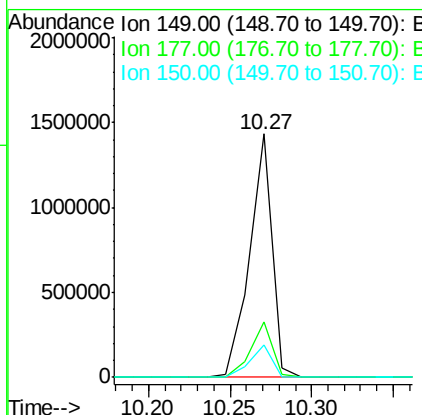
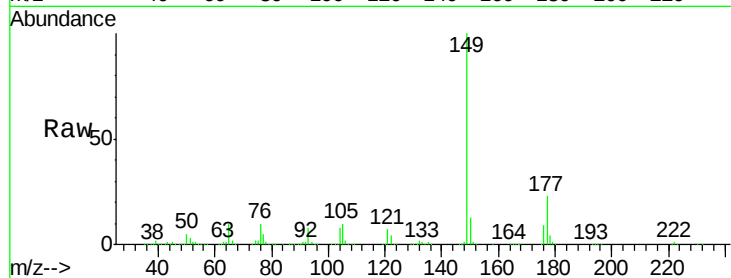




#59
Diethylphthalate
Concen: 41.68 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

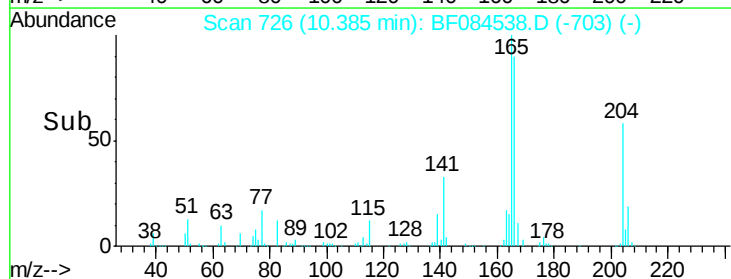
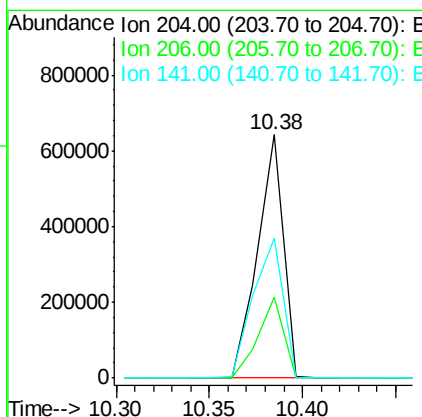
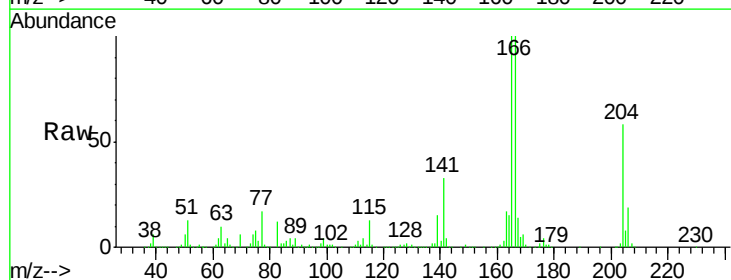
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

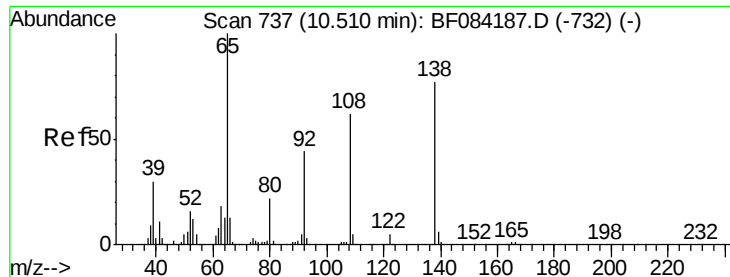
Tot Ion:149 Resp: 1367388
Ion Ratio Lower Upper
149 100
177 22.7 17.3 25.9
150 13.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 51.43 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:204 Resp: 612001
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 57.5 55.1 82.7

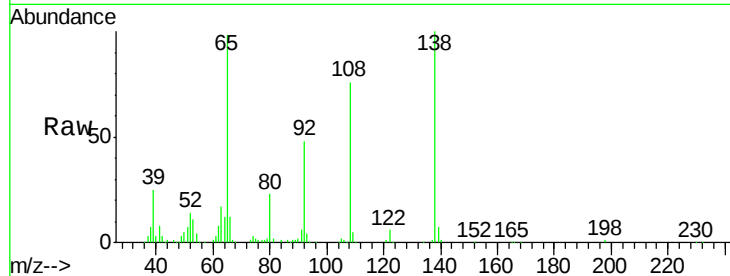




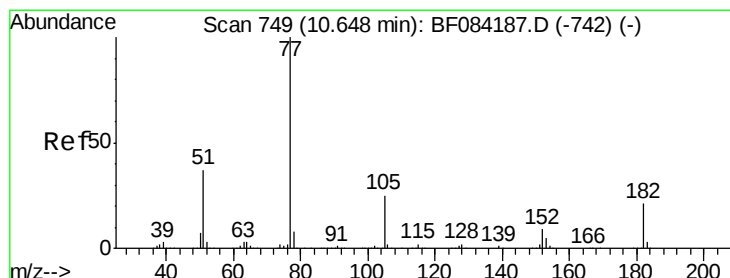
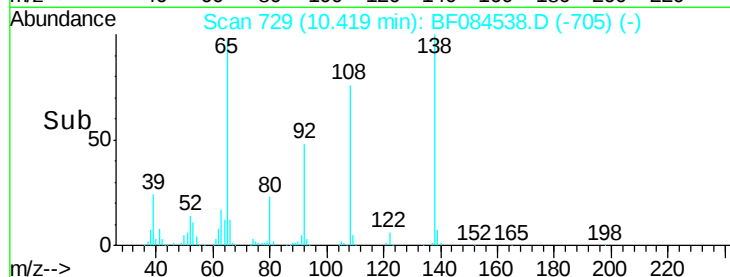
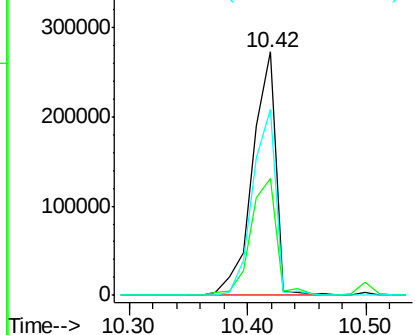
#61
4-Nitroaniline
Concen: 46.49 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 374765
Ion Ratio Lower Upper
138 100
92 47.9 32.6 72.6
108 76.3 68.6 108.6

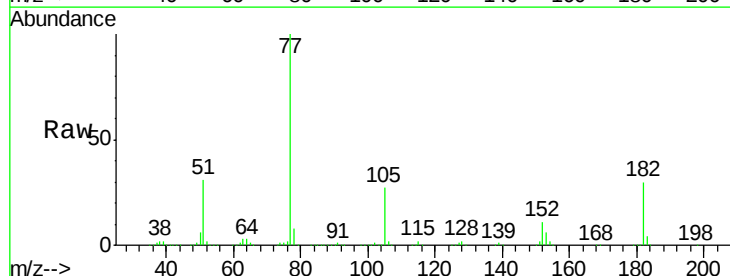


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

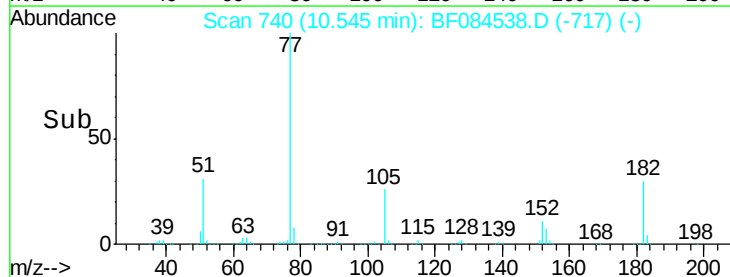
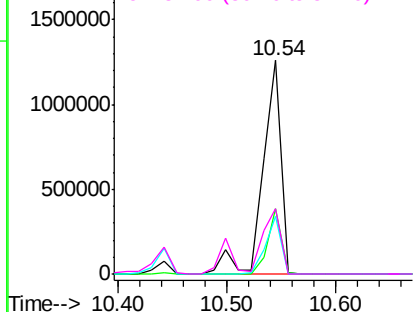


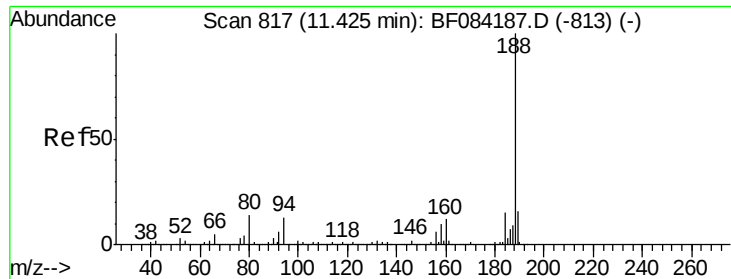
#62
Azobenzene
Concen: 40.99 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion: 77 Resp: 1474971
Ion Ratio Lower Upper
77 100
182 30.3 8.3 48.3
105 26.7 4.6 44.6
51 30.7 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: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

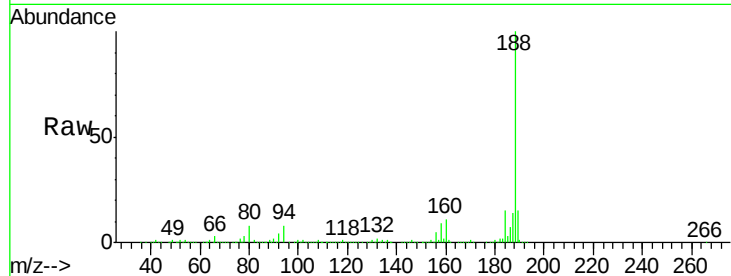
Tot Ion:188 Resp: 861448

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.4#

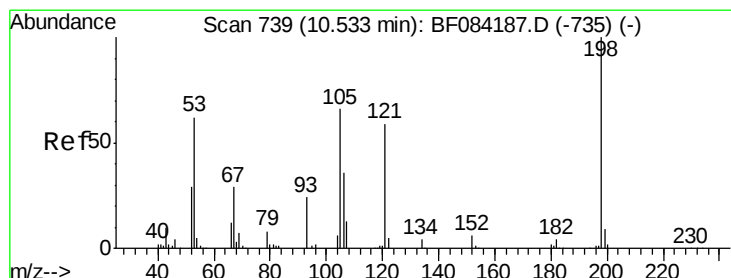
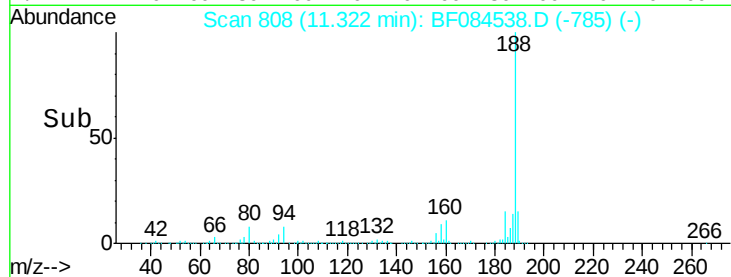
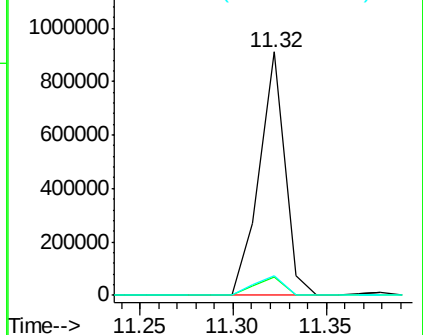
80 8.2 9.6 14.4#



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: 47.72 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

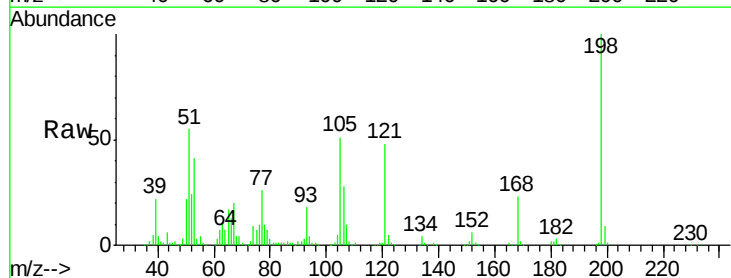
Tgt Ion:198 Resp: 249131

Ion Ratio Lower Upper

198 100

51 54.7 18.9 58.9

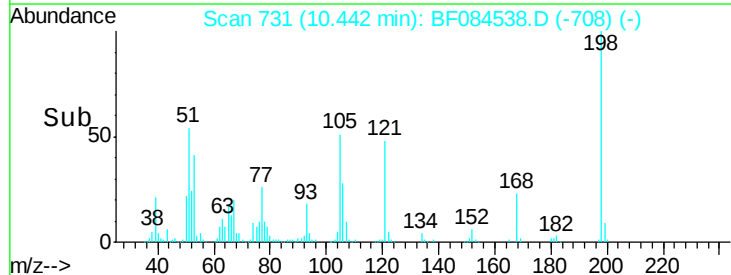
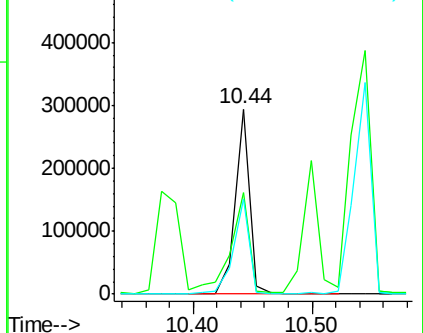
105 51.1 26.4 66.4

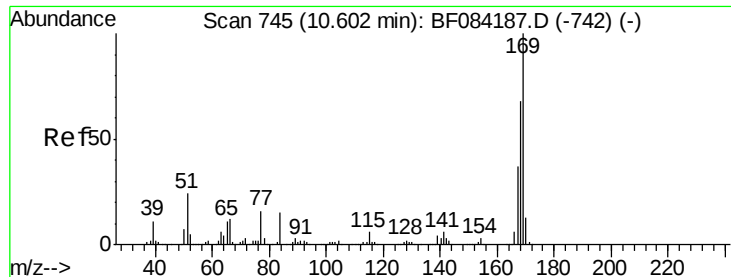


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.49 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

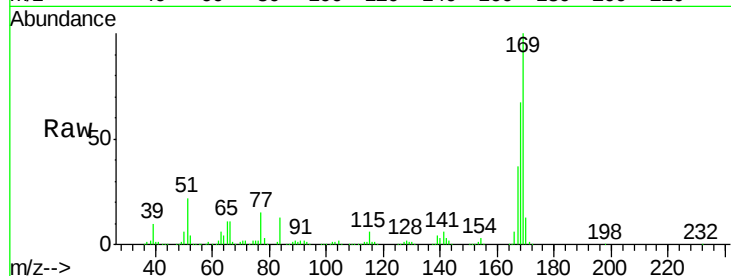
Tot Ion:169 Resp: 1005158

Ion Ratio Lower Upper

169 100

168 67.2 55.1 82.7

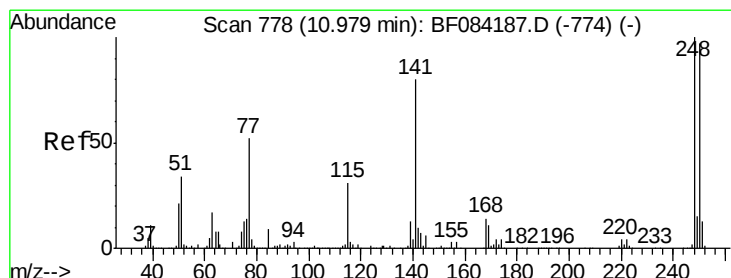
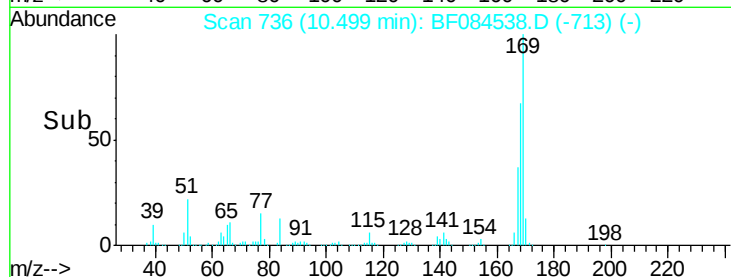
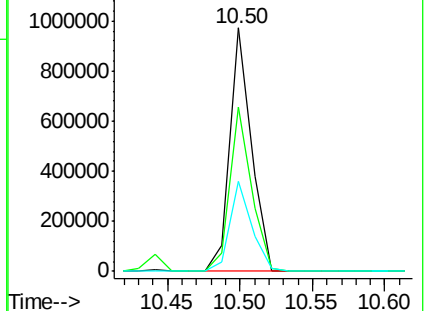
167 36.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.19 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

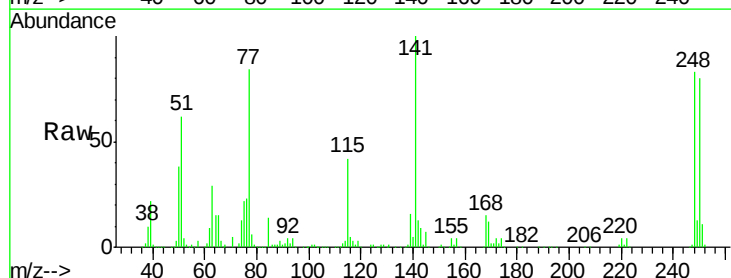
Tgt Ion:248 Resp: 363395

Ion Ratio Lower Upper

248 100

250 96.9 78.4 117.6

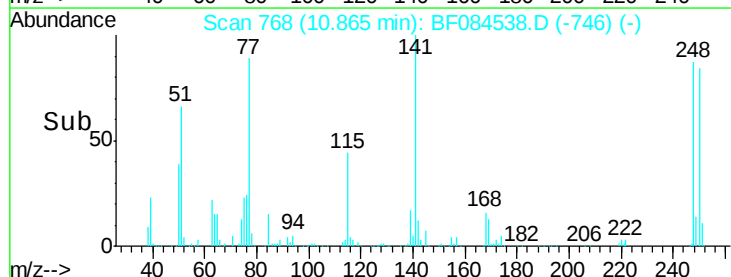
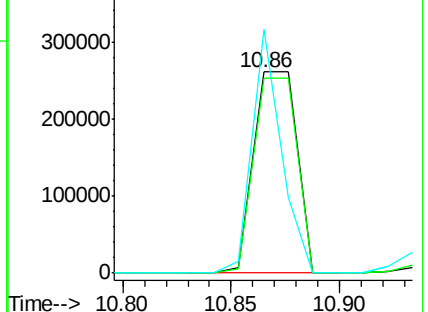
141 121.0 44.0 66.0#

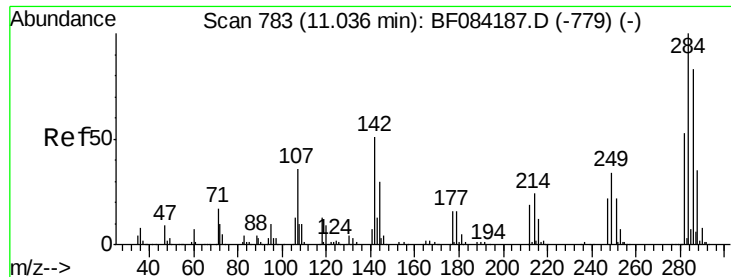


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

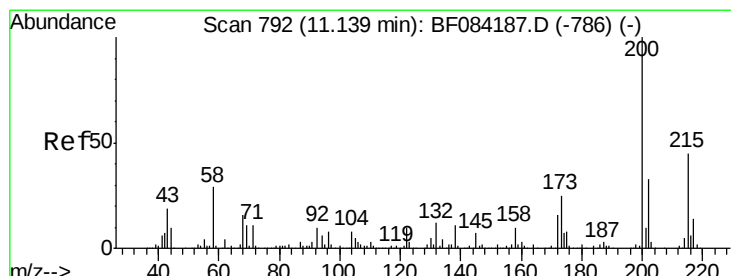
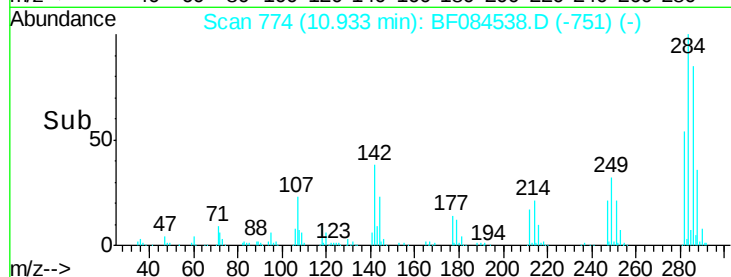
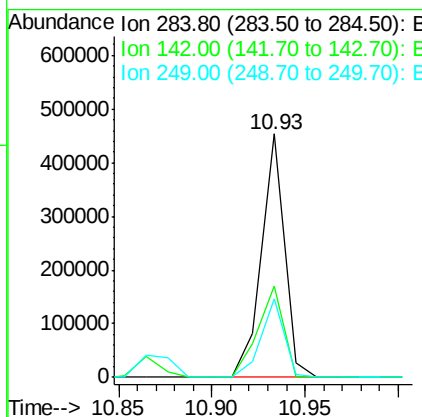
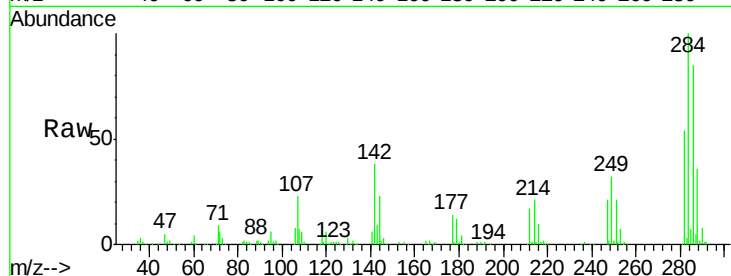




#67
Hexachlorobenzene
Concen: 37.13 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

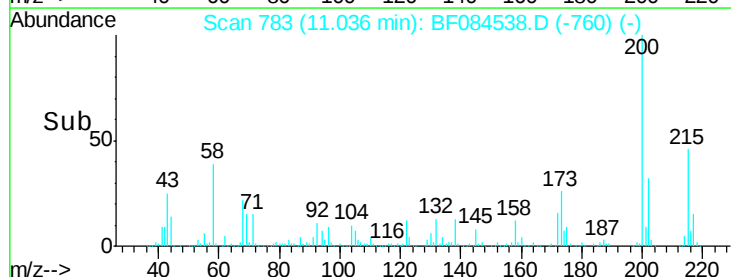
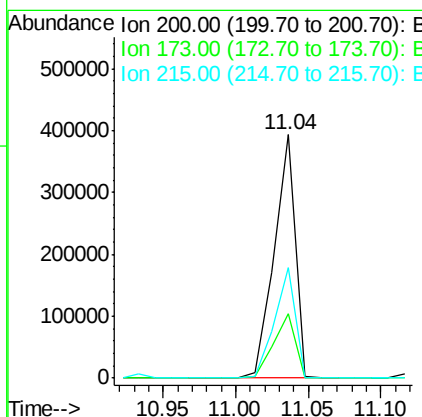
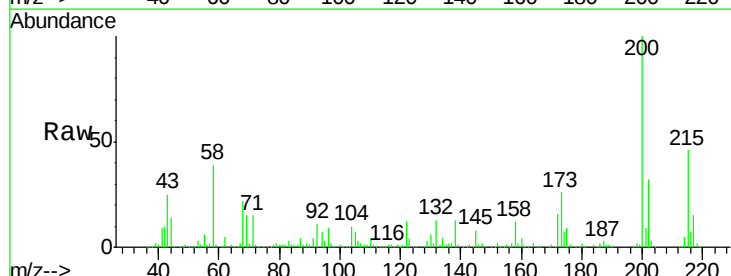
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 387436
Ion Ratio Lower Upper
284 100
142 37.5 22.2 33.4#
249 32.4 24.6 37.0



#68
Atrazine
Concen: 43.88 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:200 Resp: 395463
Ion Ratio Lower Upper
200 100
173 26.4 9.5 49.5
215 45.5 23.8 63.8

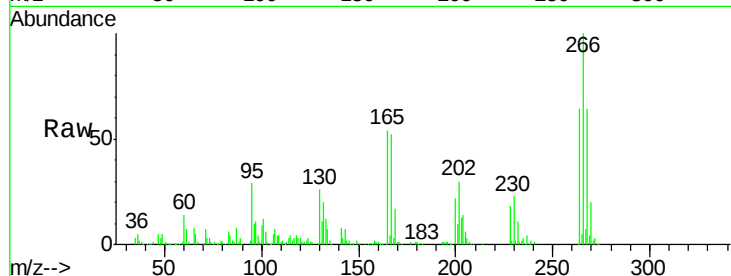




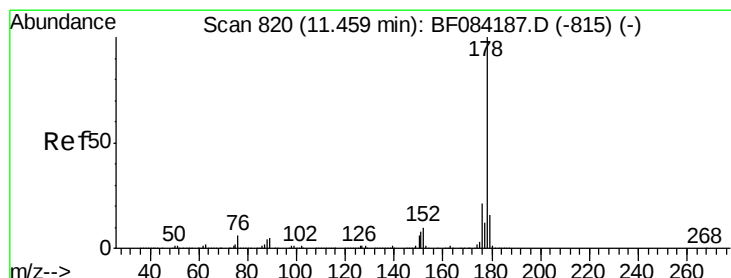
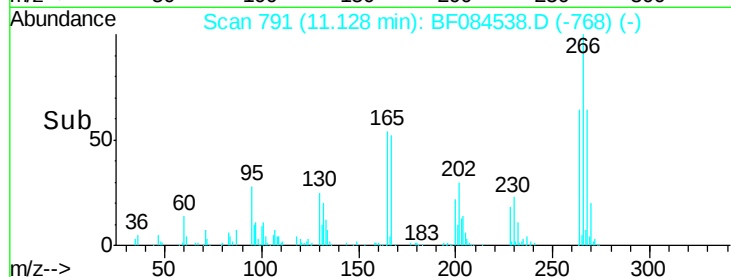
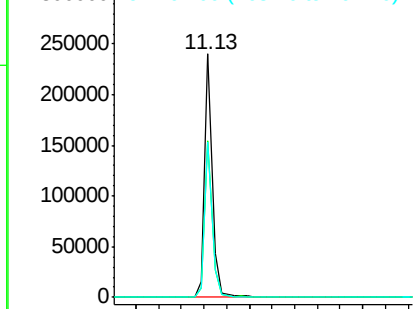
#69
 Pentachlorophenol
 Concen: 40.21 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 217582
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.4 78.6
 264 63.9 50.2 75.2

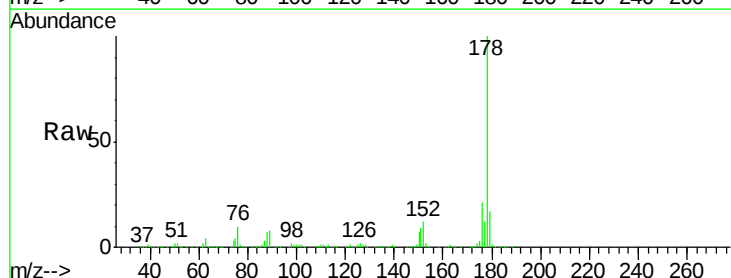


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

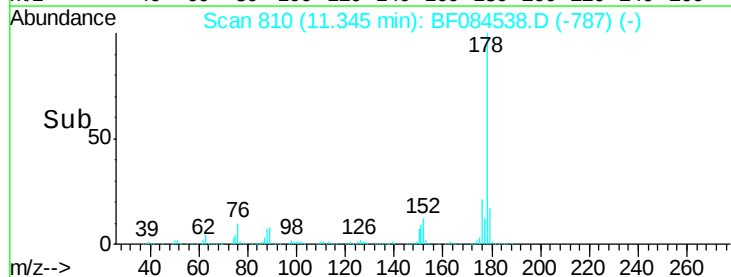
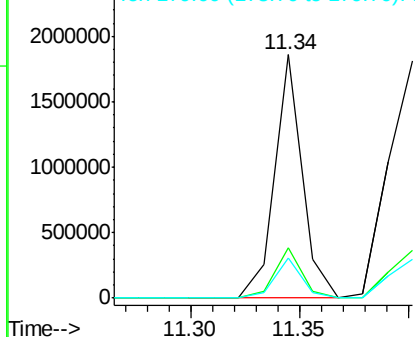


#70
 Phenanthrene
 Concen: 36.79 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion:178 Resp: 1657630
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.3 22.9
 179 16.5 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: 45.16 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

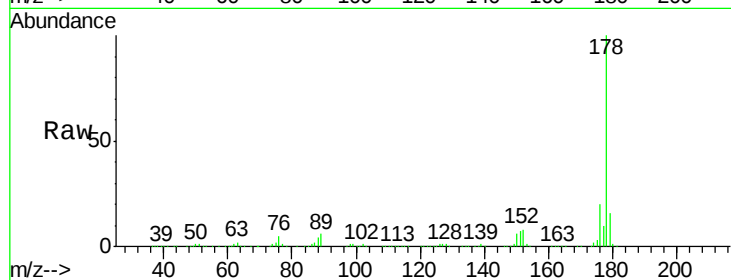
Tot Ion:178 Resp: 1994634

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

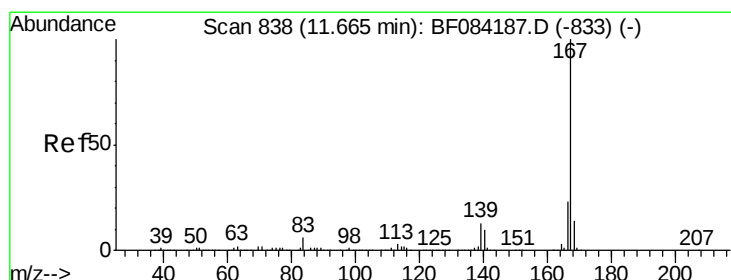
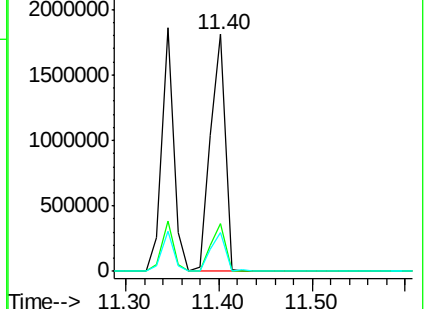
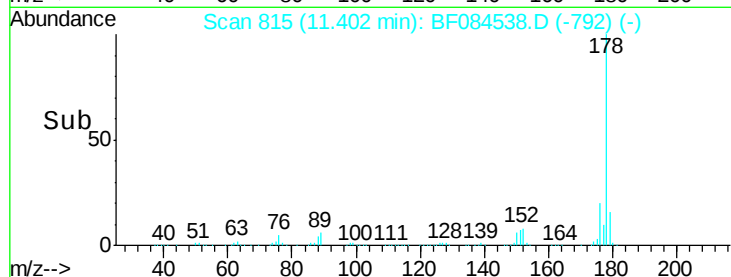
179 16.4 12.5 18.7



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: 36.65 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

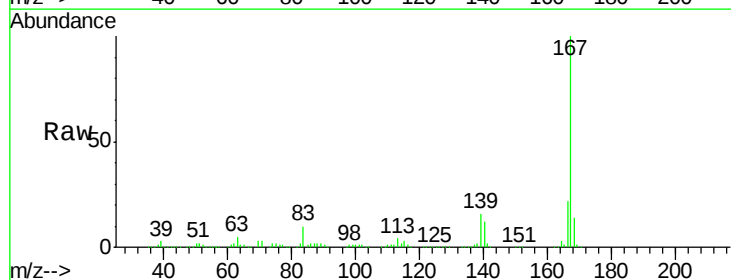
Tgt Ion:167 Resp: 1582474

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

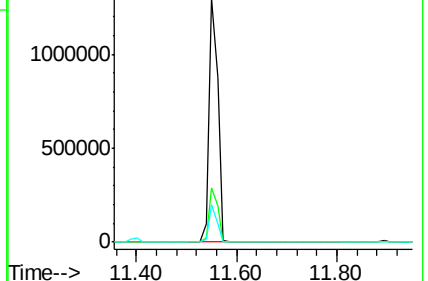
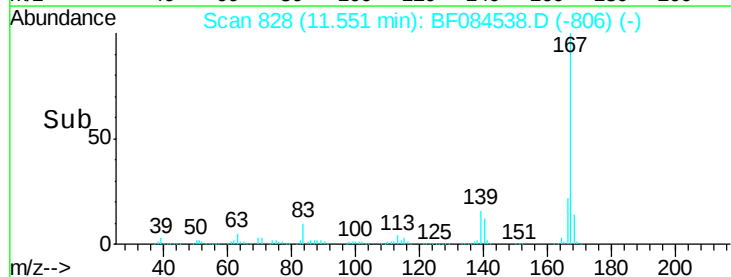
139 15.5 11.8 17.8

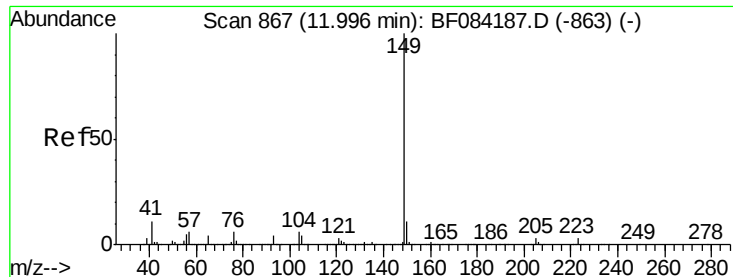


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.65 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

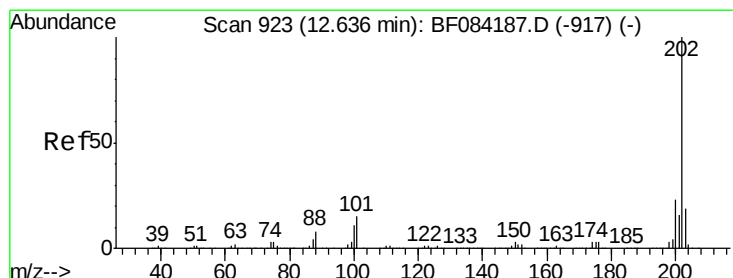
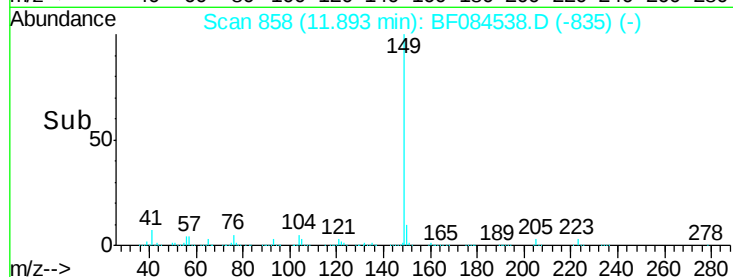
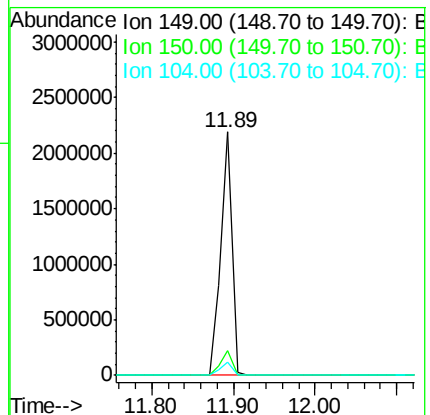
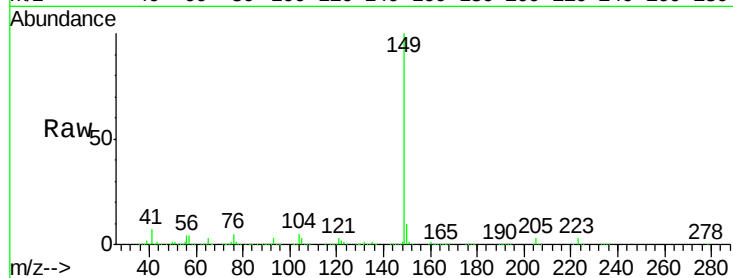
Tot Ion:149 Resp: 2087599

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

104 5.2 3.2 4.8#



#74

Fluoranthene

Concen: 47.02 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

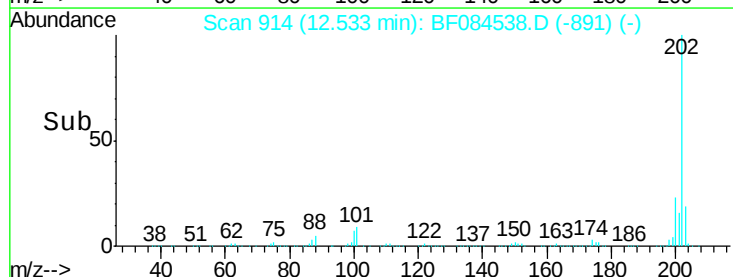
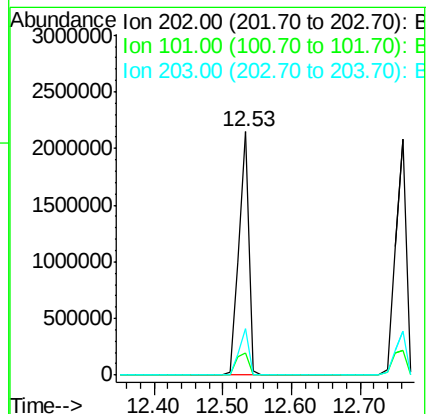
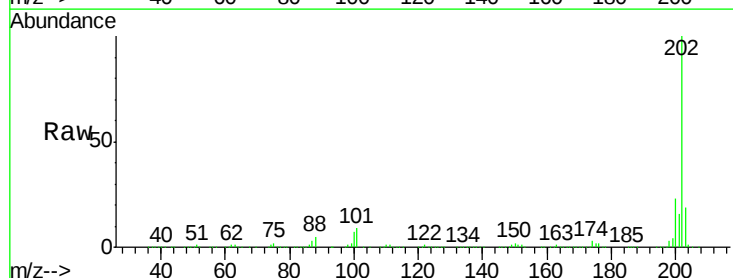
Tgt Ion:202 Resp: 2213359

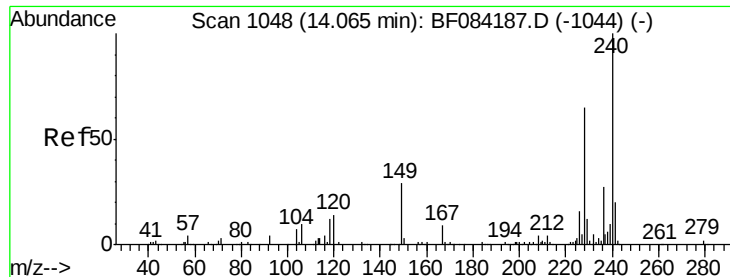
Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

203 19.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

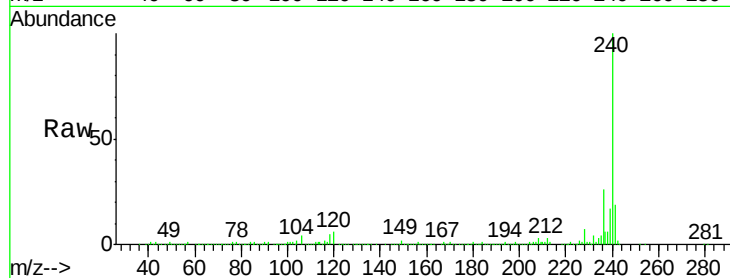
Tot Ion:240 Resp: 642100

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

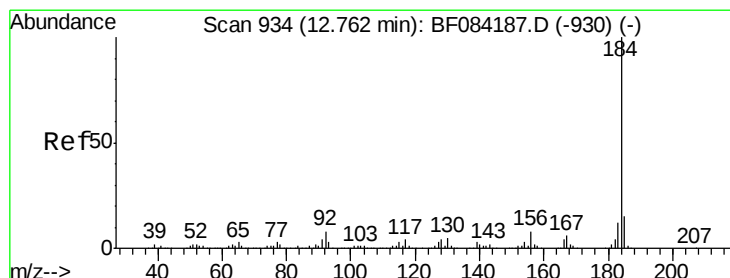
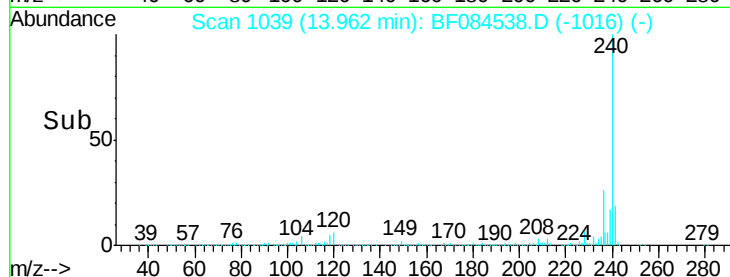
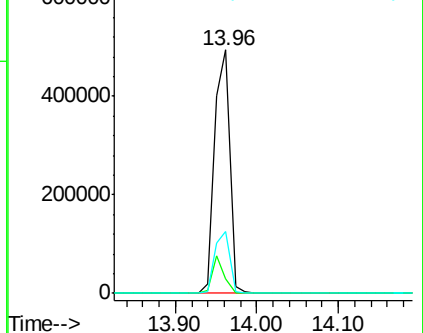
236 25.5 20.6 31.0



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: 42.40 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

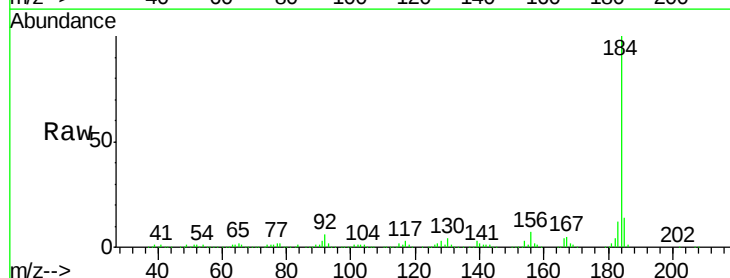
Tgt Ion:184 Resp: 976228

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

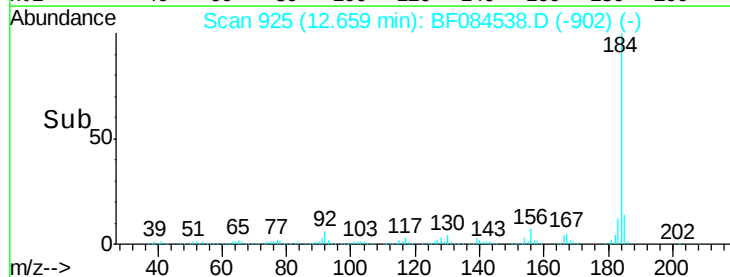
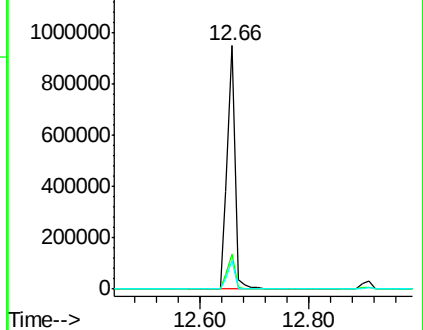
183 11.7 9.8 14.8

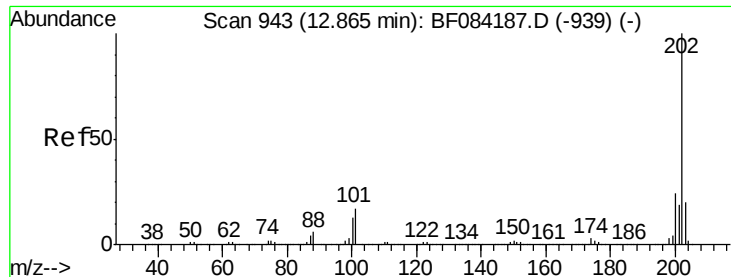


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

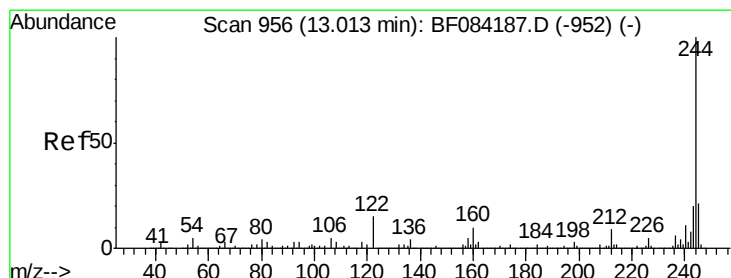
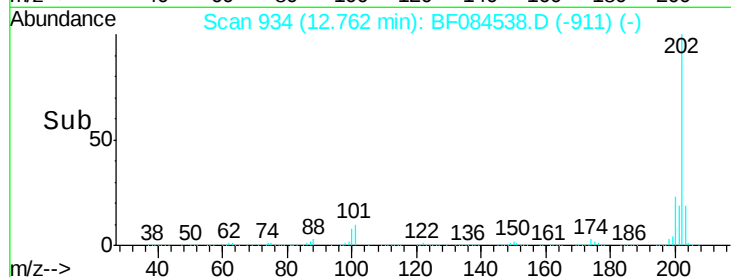
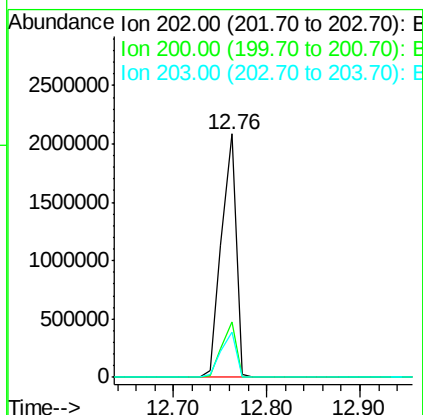
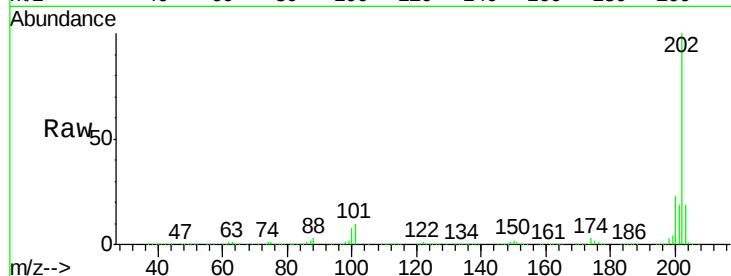




#77
Pvrene
Concen: 45.13 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

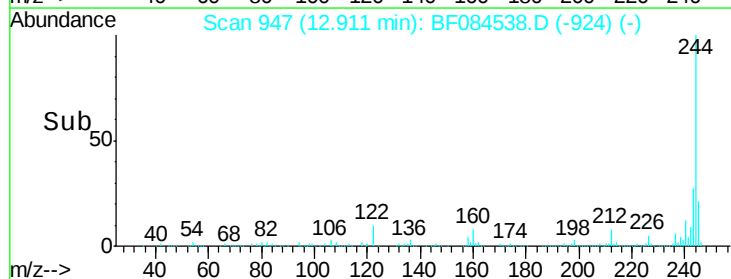
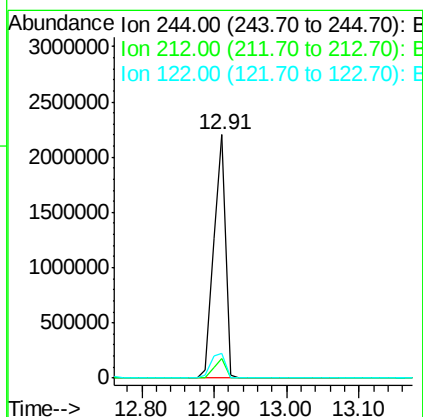
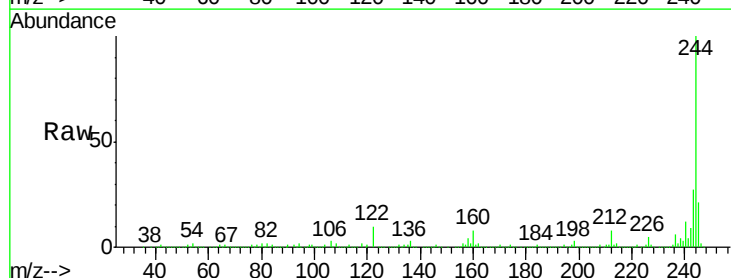
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

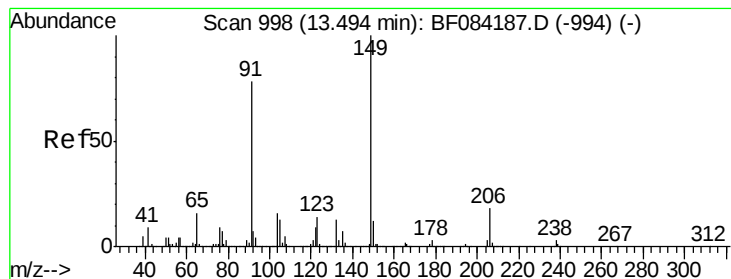
Tot Ion:202 Resp: 2273979
Ion Ratio Lower Upper
202 100
200 22.9 17.2 25.8
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 85.35 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:244 Resp: 2455087
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 10.0 7.4 11.0





#79

Butylbenzylphthalate

Concen: 40.30 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

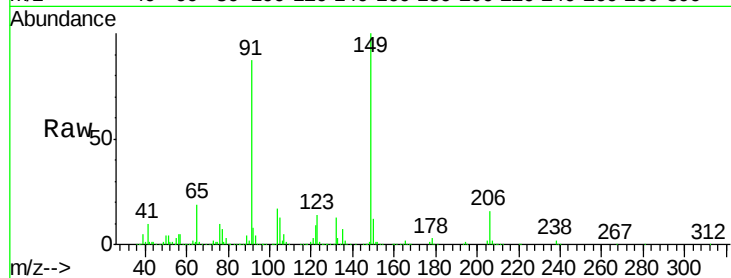
Tot Ion:149 Resp: 878784

Ion Ratio Lower Upper

149 100

91 86.7 57.6 86.4#

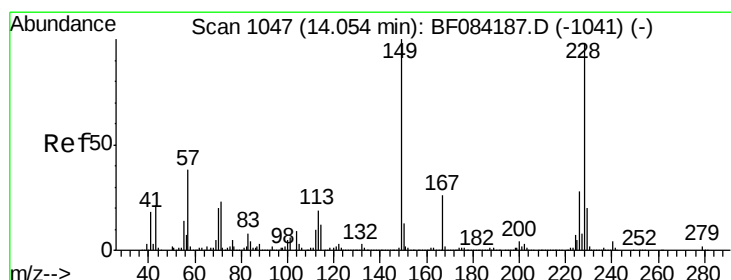
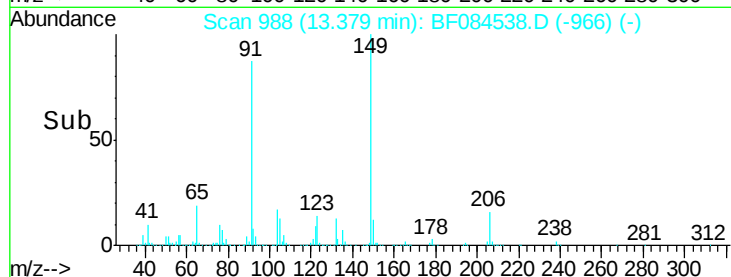
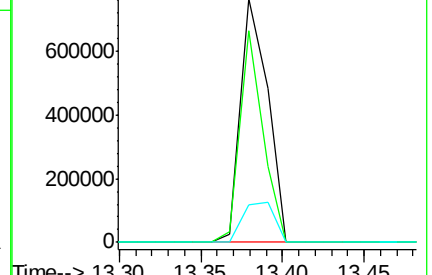
206 15.6 13.2 19.8



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: 41.32 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084538.D

Acq: 18 Jan 2016 14:54

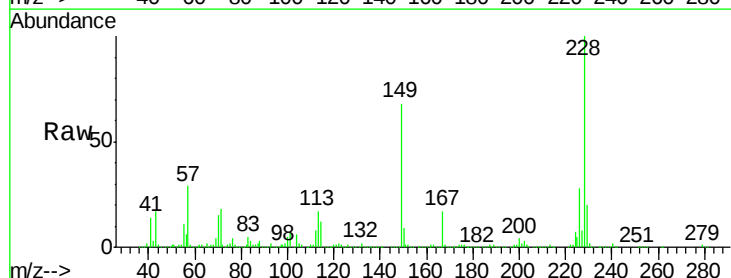
Tgt Ion:228 Resp: 1557981

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

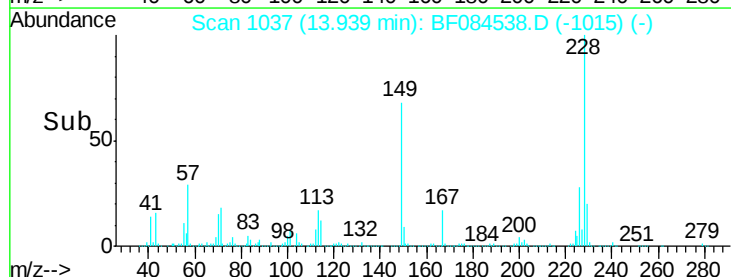
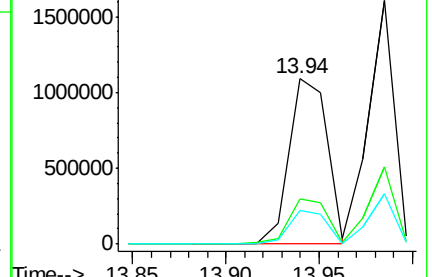
229 20.5 15.8 23.8

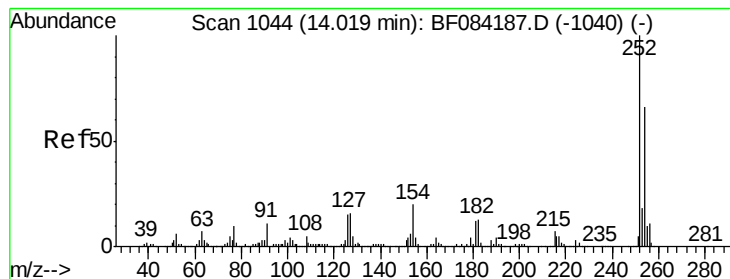


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

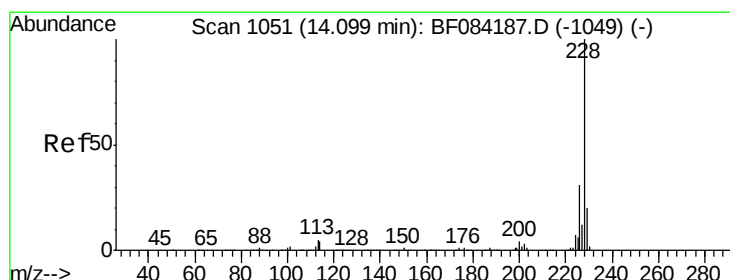
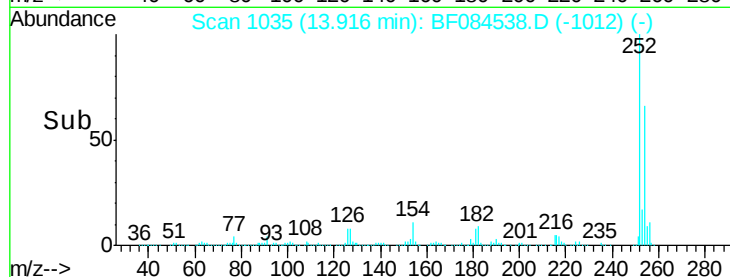
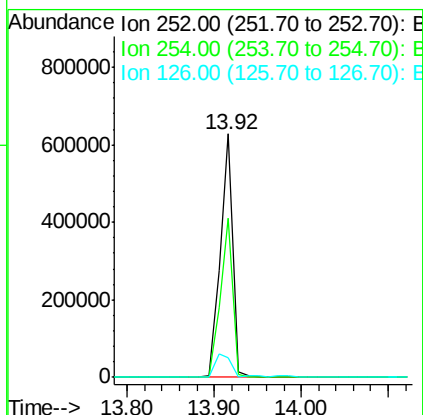
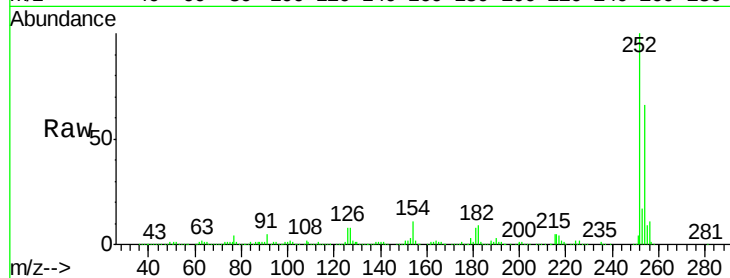




#81
 3,3'-Dichlorobenzidine
 Concen: 48.37 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

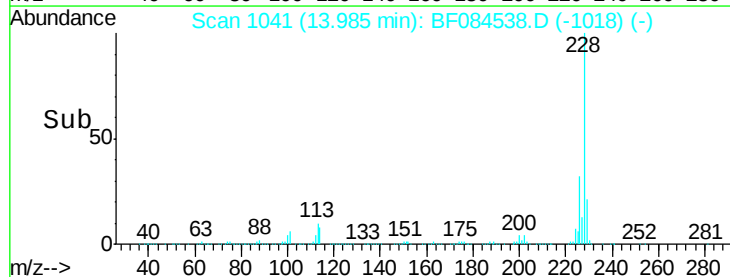
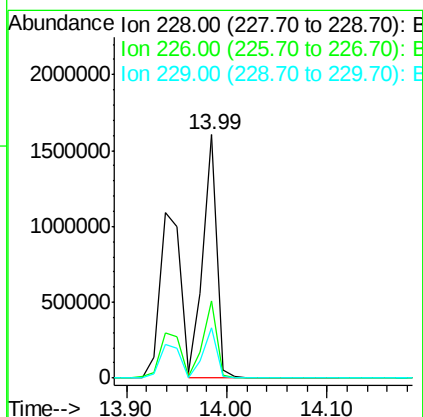
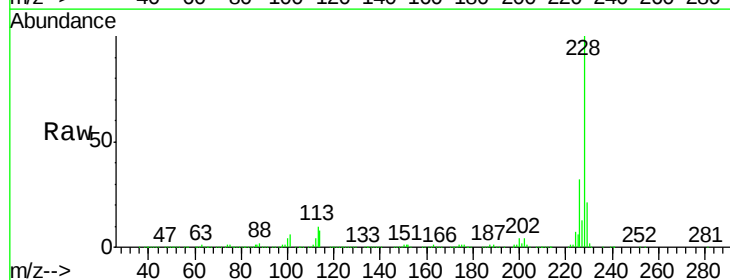
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 636500
 Ion Ratio Lower Upper
 252 100
 254 65.6 53.5 80.3
 126 7.8 4.9 7.3#



#82
 Chrysene
 Concen: 42.46 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion:228 Resp: 1538449
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.3 36.5
 229 20.8 16.1 24.1

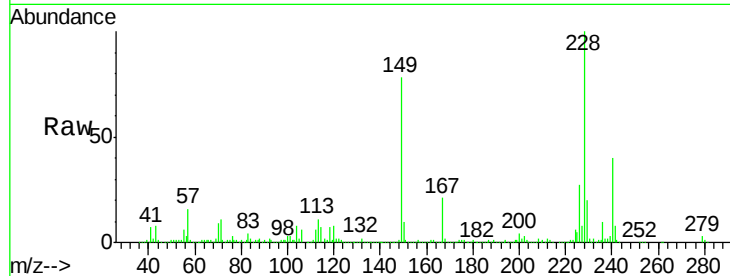




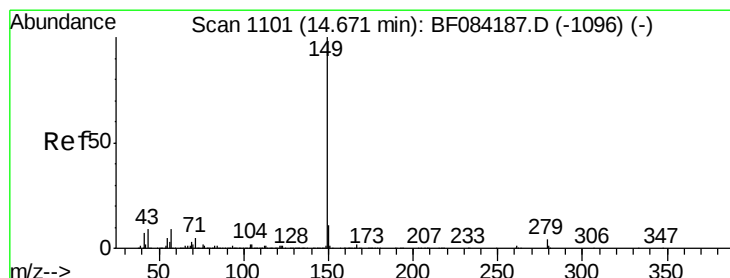
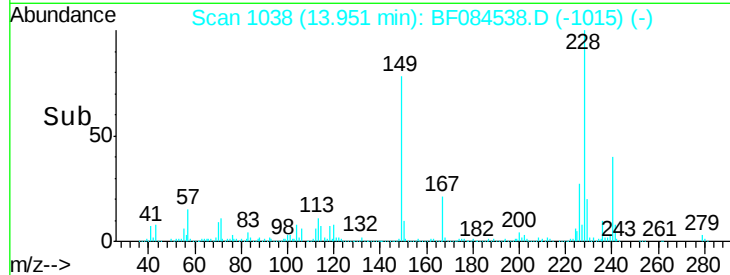
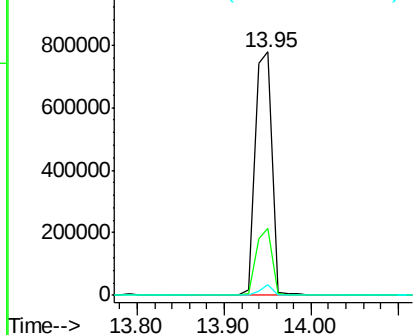
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.06 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1076068
 Ion Ratio Lower Upper
 149 100
 167 27.7 19.7 29.5
 279 4.4 1.8 2.6#

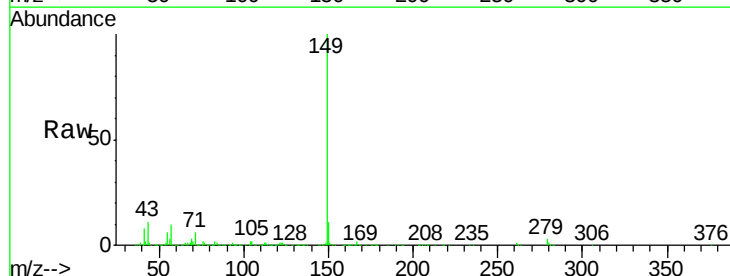


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

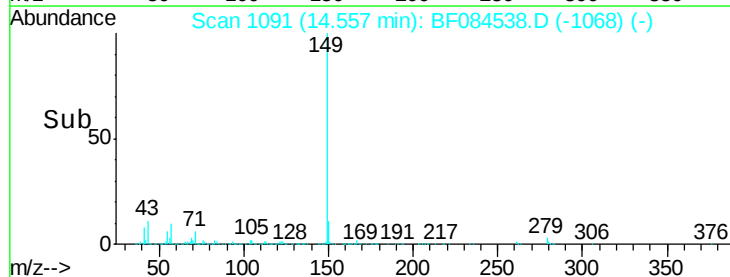
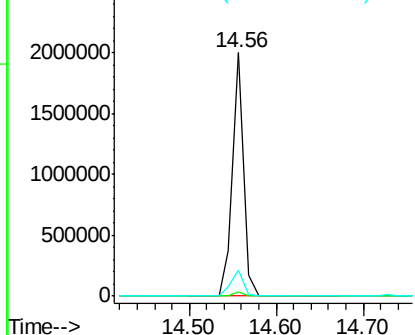


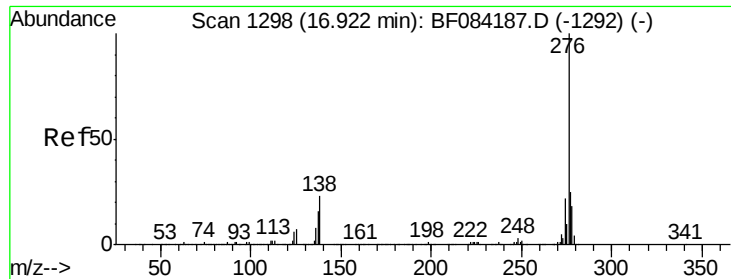
#84
 Di-n-octyl phthalate
 Concen: 37.81 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.03 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion:149 Resp: 1758235
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

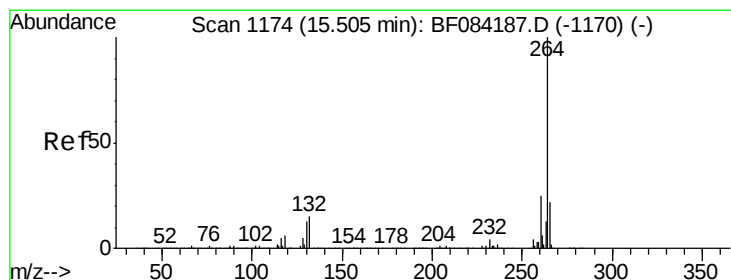
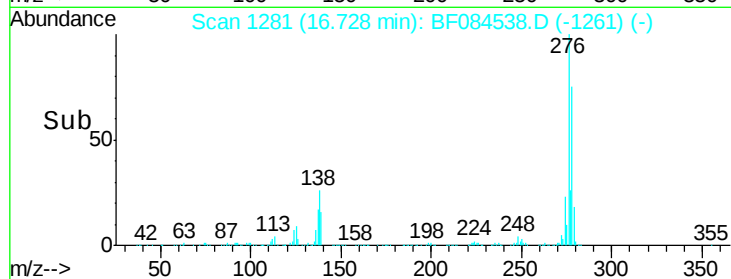
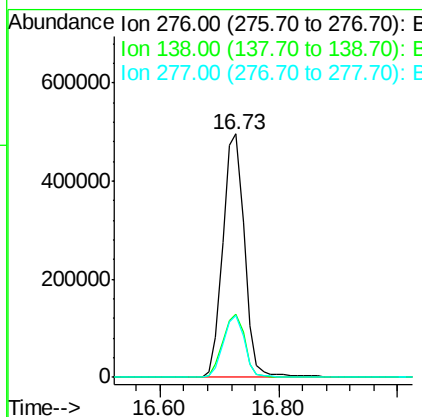
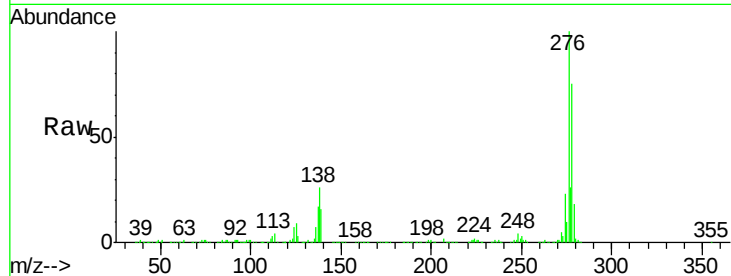




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.80 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.07 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

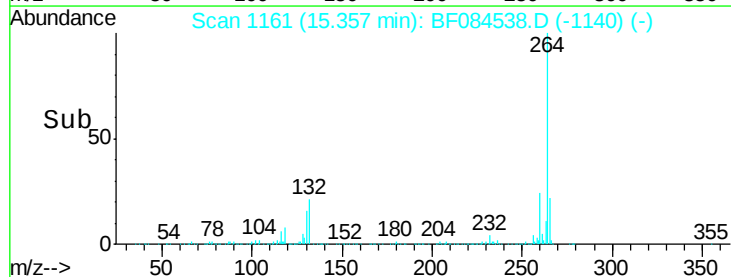
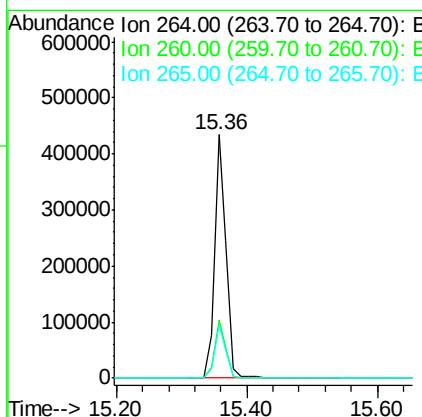
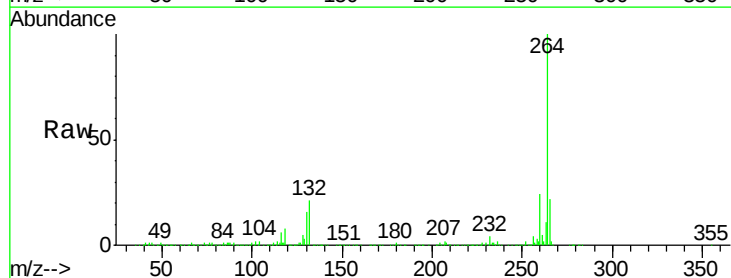
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

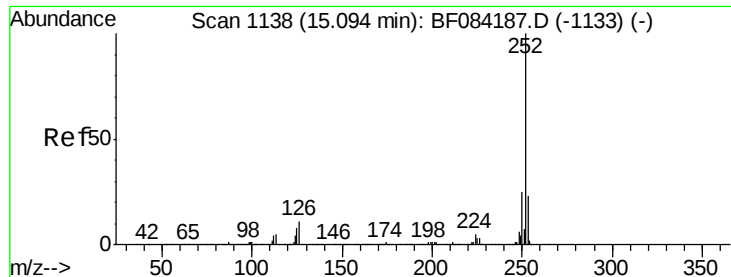
Tot Ion:276 Resp: 1257813
 Ion Ratio Lower Upper
 276 100
 138 26.5 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Tgt Ion:264 Resp: 542240
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.7 17.8 26.6

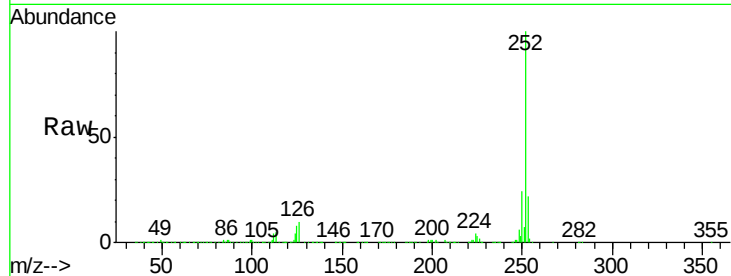




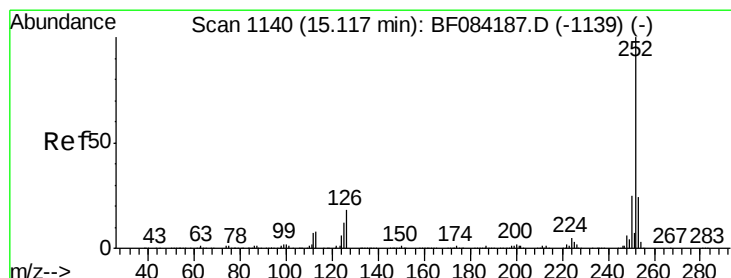
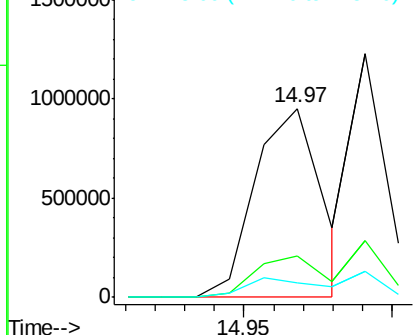
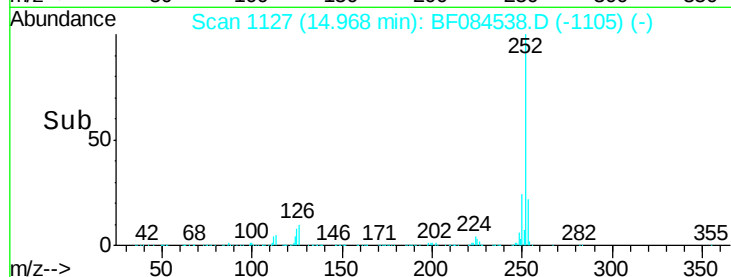
#87
Benzo(b)fluoranthene
Concen: 41.79 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1482334
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.8 6.5 9.7

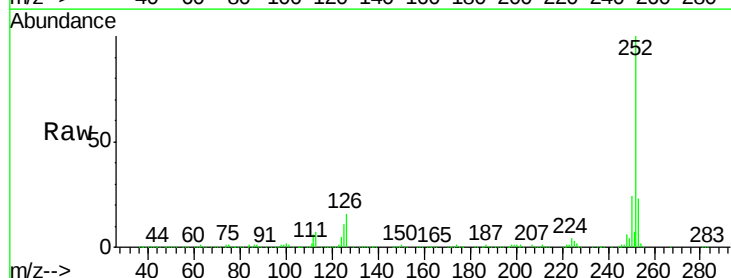


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

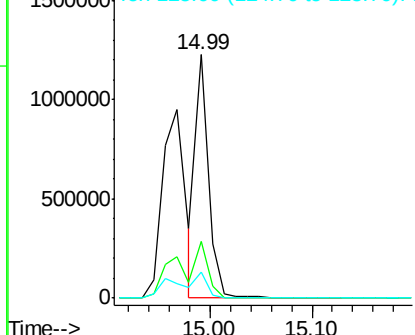
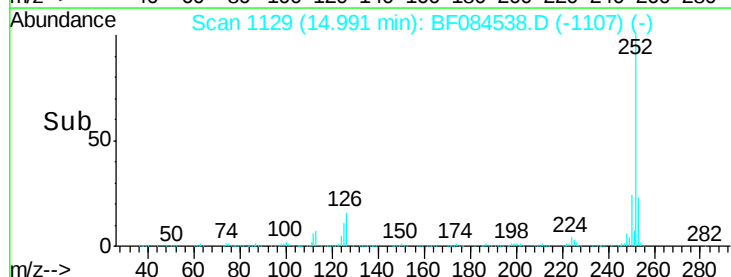


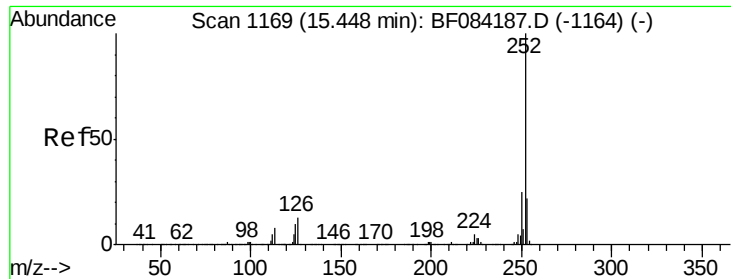
#88
Benzo(k)fluoranthene
Concen: 37.02 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:252 Resp: 1074068
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

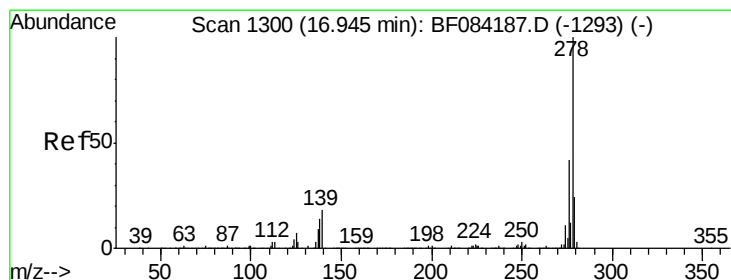
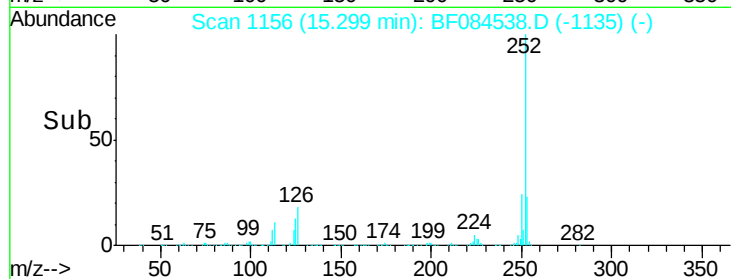
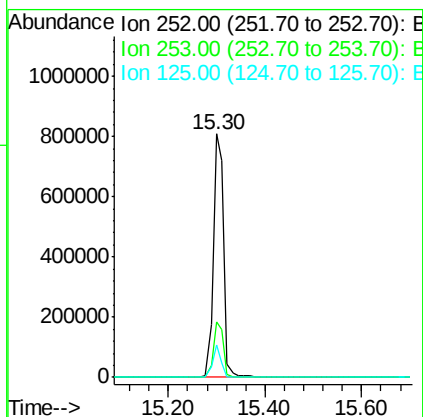
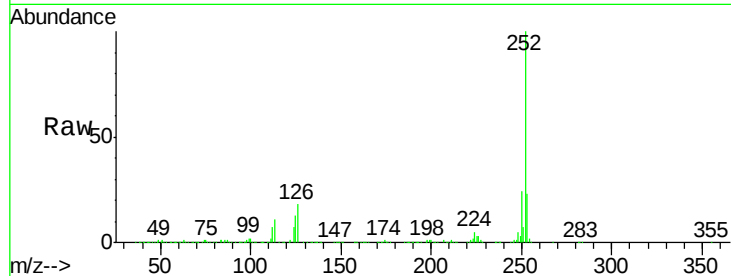




#89
Benzo(a)pyrene
Concen: 40.90 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

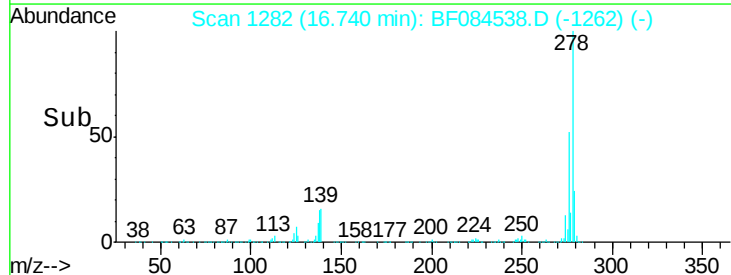
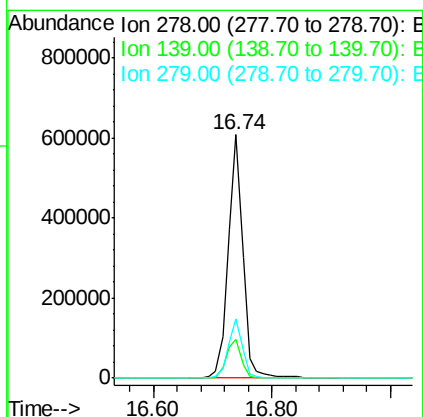
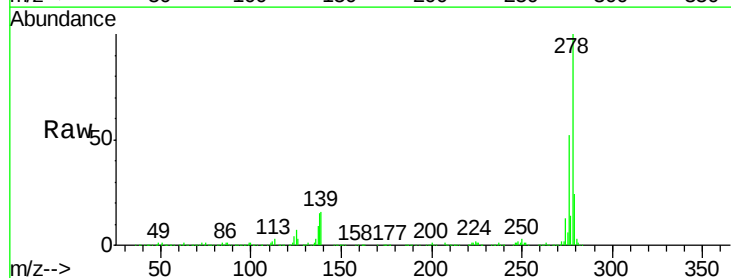
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

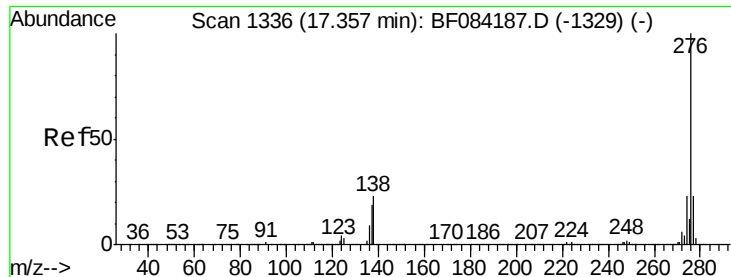
Tot Ion:252 Resp: 1230626
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 13.4 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 40.14 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BF084538.D
Acq: 18 Jan 2016 14:54

Tgt Ion:278 Resp: 1039250
Ion Ratio Lower Upper
278 100
139 16.0 15.0 22.4
279 24.2 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 40.24 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.09 min
 Lab File: BF084538.D
 Acq: 18 Jan 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:276 Resp: 1078805
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 23.7 17.8 26.6

