

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
 Data File : BF084542.D
 Acq On : 18 Jan 2016 18:20
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 19 00:12:46 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	285873	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	1176663	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	532678	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	1013305	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	536456	20.00	ng	-0.03
86) Perylene-d12	15.36	264	439598	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1332565	75.40	ng	-0.05
7) Phenol-d6	6.44	99	1741723	78.47	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1548932	73.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	441907	82.17	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2405321	78.99	ng	-0.03
78) Terphenyl-d14	12.91	244	2446263	101.79	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	328760	39.27	ng	# 76
3) Pyridine	3.06	79	807896	34.61	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	391183	32.65	ng	78
6) Aniline	6.46	93	1220109	37.57	ng	94
8) 2-Chlorophenol	6.58	128	797983	39.80	ng	83
9) Benzaldehyde	6.34	77	516386	35.73	ng	97
10) Phenol	6.46	94	944577	37.43	ng	# 60
11) bis(2-Chloroethyl)ether	6.53	93	780373	39.92	ng	# 78
12) 1,3-Dichlorobenzene	6.74	146	885973	42.83	ng	99
13) 1,4-Dichlorobenzene	6.82	146	863070m	41.61	ng	
14) 1,2-Dichlorobenzene	6.97	146	776000	39.06	ng	98
15) Benzyl Alcohol	6.94	79	639590	34.25	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1219733	34.26	ng	86
17) 2-Methylphenol	7.07	107	694845	41.34	ng	94
18) Hexachloroethane	7.31	117	344716	41.56	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	560949	37.33	ng	# 72
20) 3+4-Methylphenols	7.22	107	734037	37.16	ng	# 49
22) Acetophenone	7.22	105	1177584	41.62	ng	# 94
24) Nitrobenzene	7.39	77	952241	44.41	ng	94
25) Isophorone	7.63	82	1579799	39.07	ng	99
26) 2-Nitrophenol	7.70	139	408180	41.83	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	755852	38.26	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	1002631	40.60	ng	96
29) 2,4-Dichlorophenol	7.95	162	697502	42.39	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	730351	42.99	ng	# 94
31) Naphthalene	8.11	128	2292994	42.95	ng	99
32) Benzoic acid	7.88	122	493535	40.03	ng	97
33) 4-Chloroaniline	8.16	127	940961	38.45	ng	98
34) Hexachlorobutadiene	8.22	225	385378	39.47	ng	98
35) Caprolactam	8.56	113	238618	43.02	ng	# 87
36) 4-Chloro-3-methylphenol	8.65	107	693743	37.64	ng	93
37) 2-Methylnaphthalene	8.80	142	1375422	35.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	692562	45.22	ng	99
40) Hexachlorocyclopentadiene	8.96	237	353093	38.20	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
 Data File : BF084542.D
 Acq On : 18 Jan 2016 18:20
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 19 00:12:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

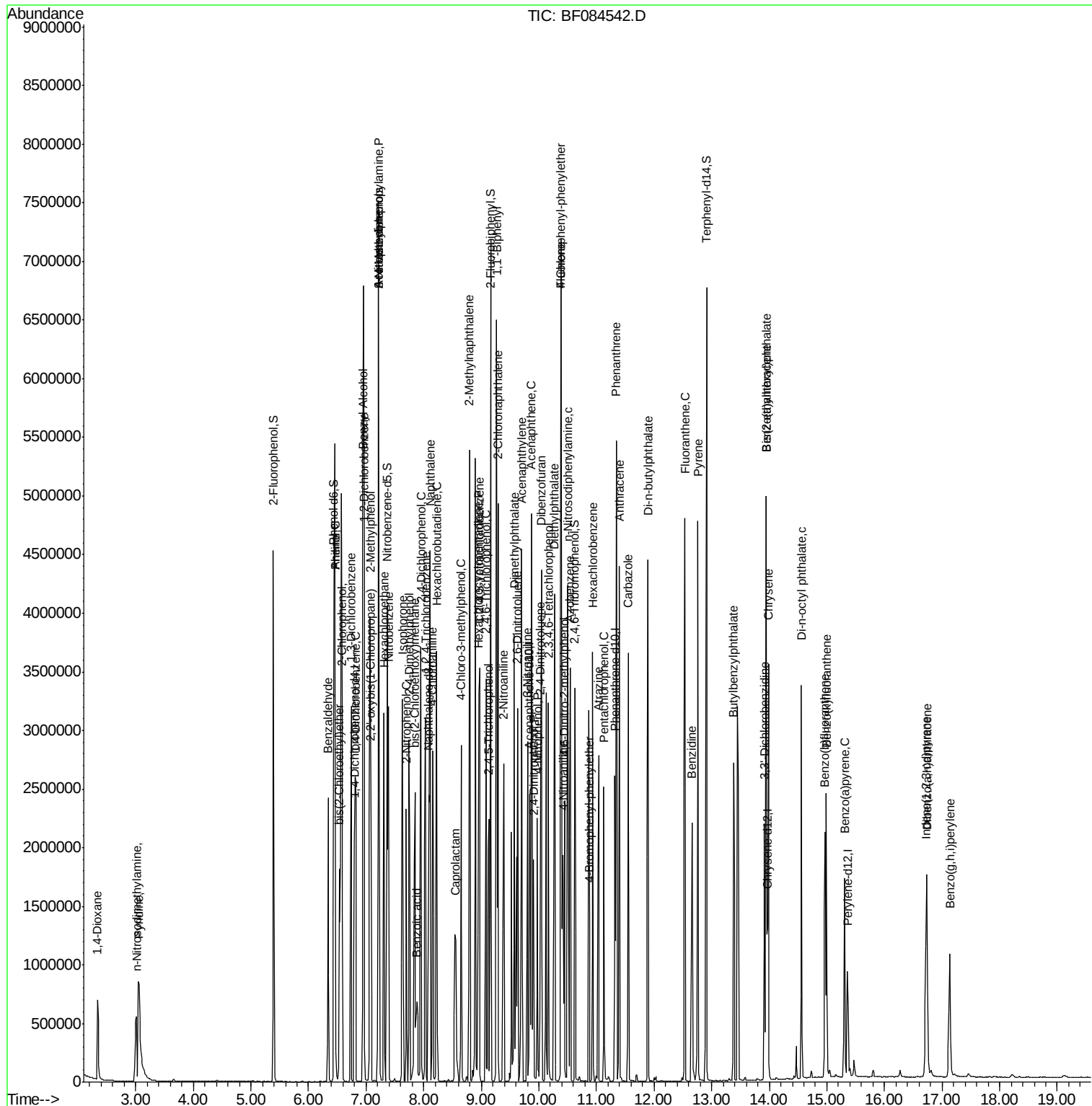
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	466088	40.68	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	469537	42.75	nq	95
45) 1,1'-Biphenyl	9.26	154	1793342	42.36	nq	99
46) 2-Chloronaphthalene	9.29	162	1334426	40.13	nq	95
47) 2-Nitroaniline	9.39	65	522783	47.63	nq #	82
48) Acenaphthylene	9.70	152	1873806	38.14	nq	96
49) Dimethylphthalate	9.57	163	1524727	40.04	nq #	90
50) 2,6-Dinitrotoluene	9.63	165	337761	40.44	nq #	56
51) Acenaphthene	9.87	154	1360712	41.29	nq	97
52) 3-Nitroaniline	9.80	138	426636	41.22	nq	93
53) 2,4-Dinitrophenol	9.90	184	212905	60.74	nq #	86
54) Dibenzofuran	10.04	168	1704118	39.57	nq #	89
55) 4-Nitrophenol	9.97	139	330915	44.05	nq #	84
56) 2,4-Dinitrotoluene	10.03	165	416999	39.45	nq #	86
57) Fluorene	10.38	166	1227060	36.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	398385	42.48	nq	91
59) Diethylphthalate	10.27	149	1592248	42.41	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	689165	50.45	nq	90
61) 4-Nitroaniline	10.42	138	444774	48.21	nq	86
62) Azobenzene	10.54	77	1709269	41.51	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	281670	45.72	nq	83
65) n-Nitrosodiphenylamine	10.50	169	1198734	37.00	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	435892	39.97	nq #	91
67) Hexachlorobenzene	10.93	284	461633	37.61	nq #	91
68) Atrazine	11.04	200	425159	40.10	nq	97
69) Pentachlorophenol	11.13	266	251738	39.55	nq	97
70) Phenanthrene	11.34	178	1931667	36.44	nq	96
71) Anthracene	11.40	178	2265068	43.59	nq	98
72) Carbazole	11.55	167	1902806	37.46	nq	99
73) Di-n-butylphthalate	11.89	149	2438693	45.23	nq #	97
74) Fluoranthene	12.53	202	2219616	40.09	nq	96
76) Benzidine	12.66	184	950746	49.43	nq	99
77) Pyrene	12.76	202	2255236	53.57	nq	98
79) Butylbenzylphthalate	13.38	149	783083	42.99	nq #	83
80) Benzo(a)anthracene	13.95	228	1333561	42.34	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	537163	48.86	nq #	98
82) Chrysene	13.99	228	1301395	42.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	953120	41.41	nq #	94
84) Di-n-octyl phthalate	14.56	149	1463900	37.68	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.73	276	1069777	44.59	nq	98
87) Benzo(b)fluoranthene	14.97	252	1189507m	41.37	nq	
88) Benzo(k)fluoranthene	14.99	252	932589m	39.65	nq	
89) Benzo(a)pyrene	15.31	252	1026420	42.08	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	881852	42.02	nq	97
91) Benzo(g,h,i)perylene	17.14	276	925395	42.58	nq	95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
Data File : BF084542.D
Acq On : 18 Jan 2016 18:20
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 19 00:12:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

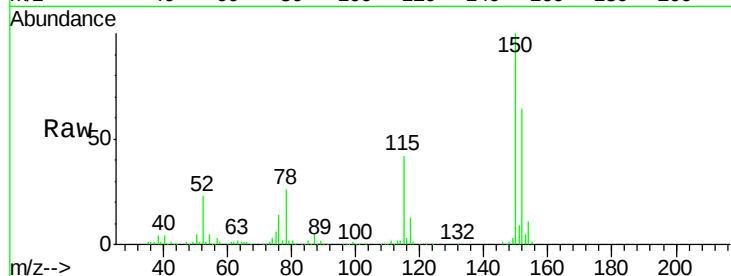
Tot Ion:152 Resp: 285873

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

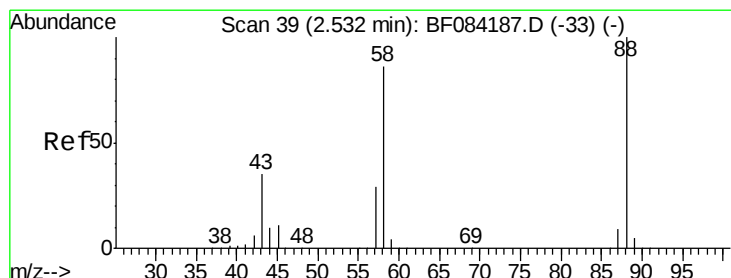
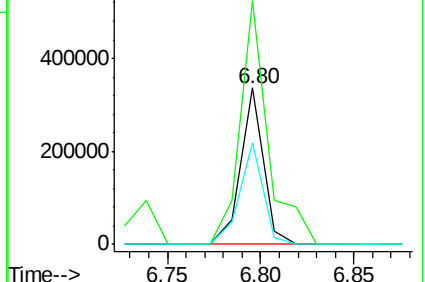
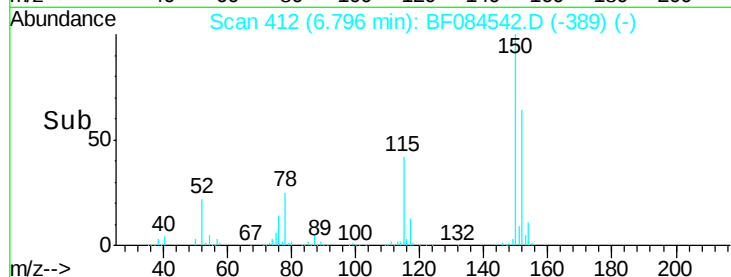
115 64.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.27 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.06 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

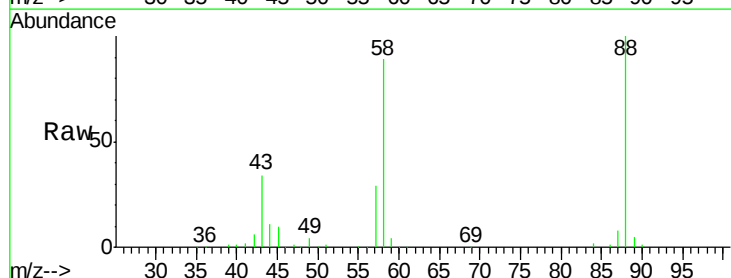
Tgt Ion: 88 Resp: 328760

Ion Ratio Lower Upper

88 100

58 84.6 51.2 76.8#

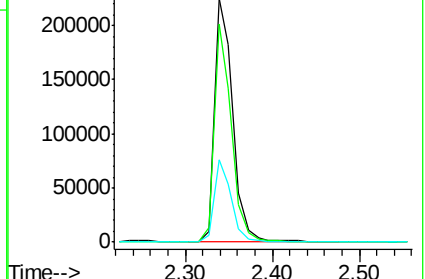
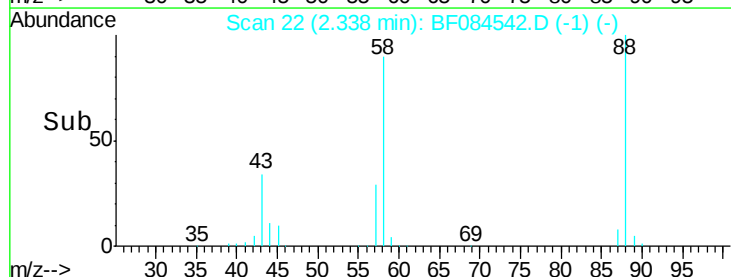
43 32.6 19.5 29.3#

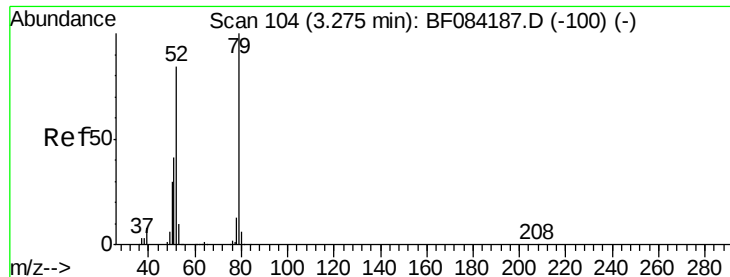


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.61 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.07 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

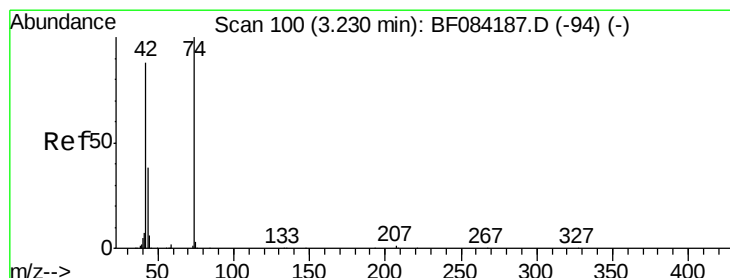
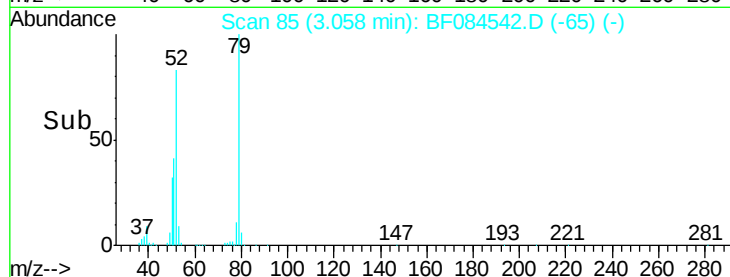
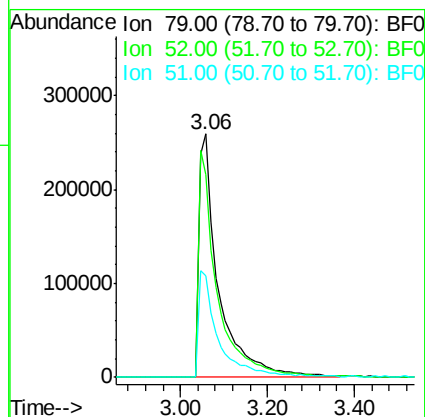
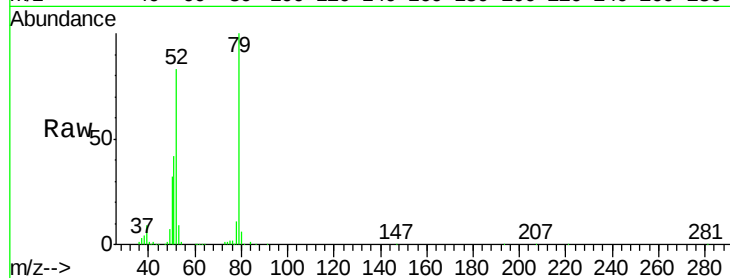
Tot Ion: 79 Resp: 807896

Ion Ratio Lower Upper

79 100

52 83.5 49.0 73.4#

51 41.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 32.65 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.06 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

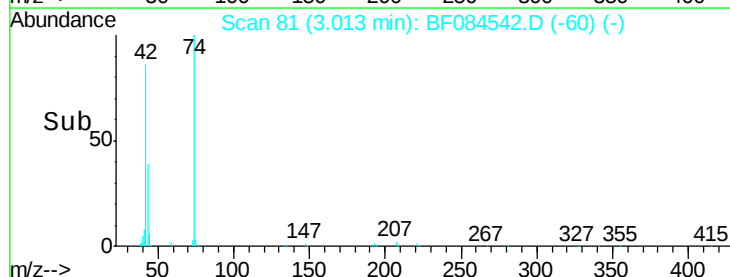
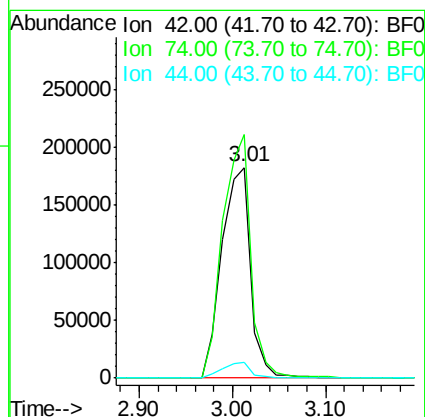
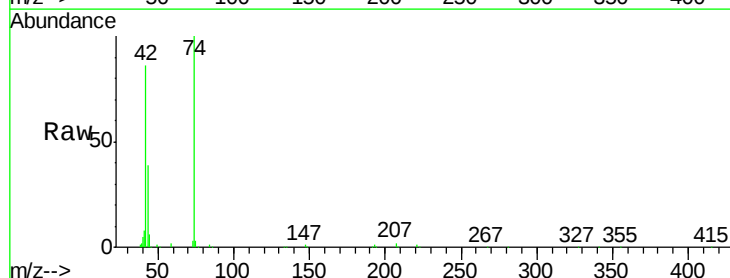
Tgt Ion: 42 Resp: 391183

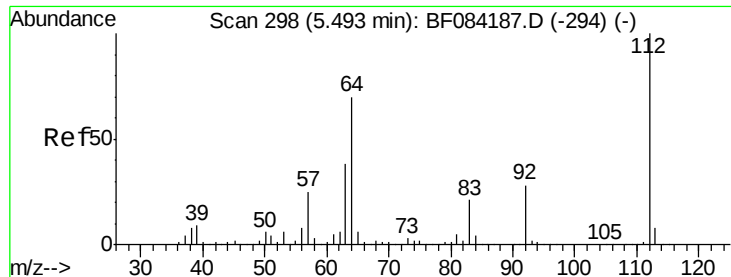
Ion Ratio Lower Upper

42 100

74 115.7 115.7 173.5

44 7.4 5.1 7.7





#5

2-Fluorophenol

Concen: 75.40 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

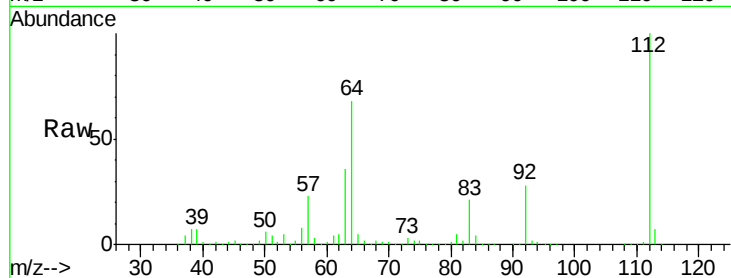
Tot Ion:112 Resp: 1332565

Ion Ratio Lower Upper

112 100

64 68.0 36.6 55.0#

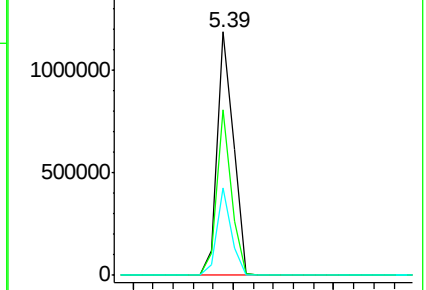
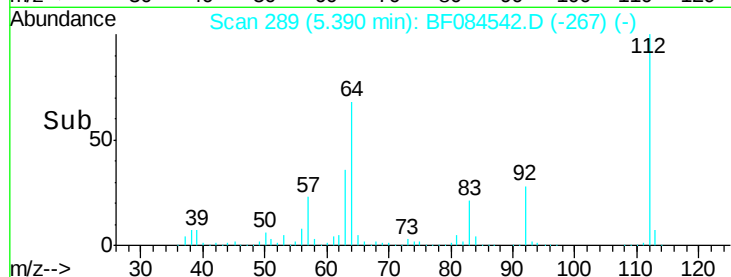
63 35.8 19.4 29.0#



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: 37.57 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

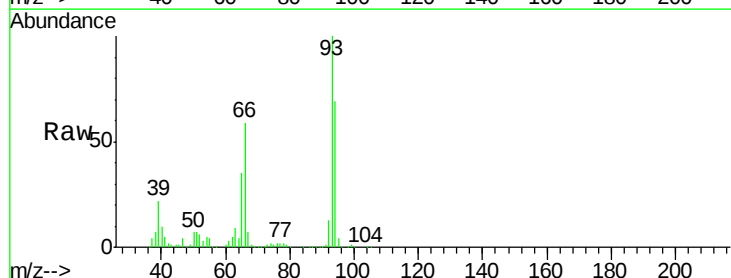
Tgt Ion: 93 Resp: 1220109

Ion Ratio Lower Upper

93 100

66 58.7 44.9 67.3

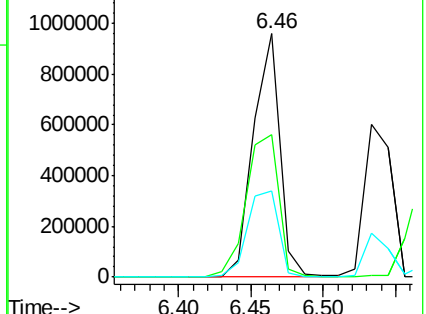
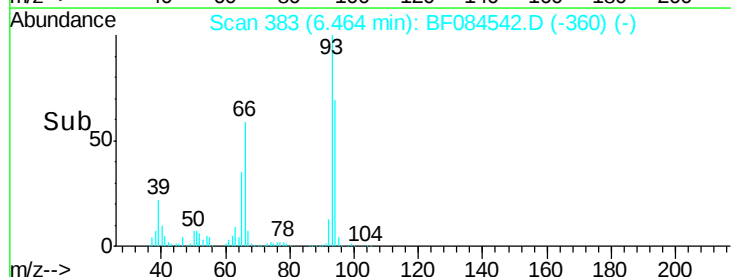
65 35.2 23.7 35.5

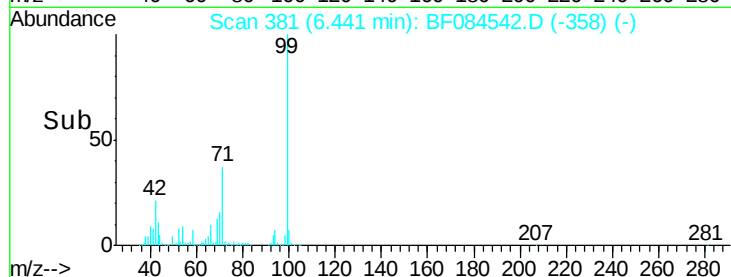
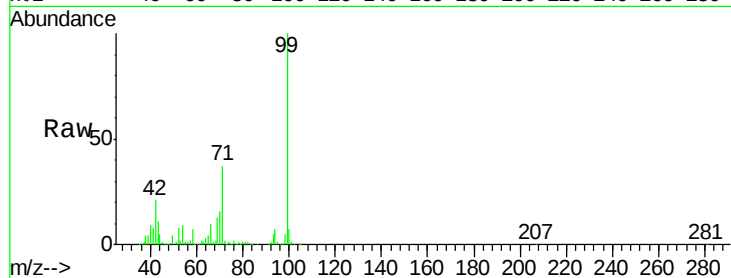
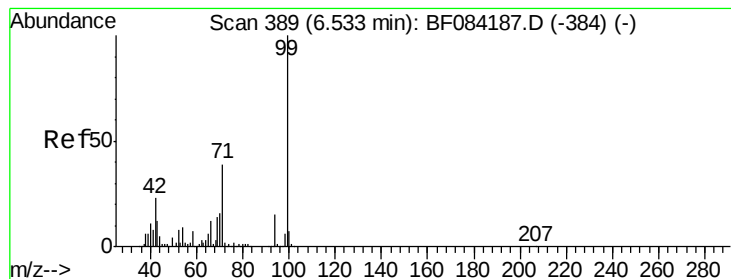


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.47 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

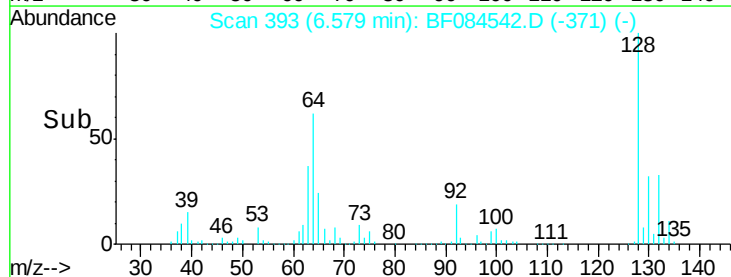
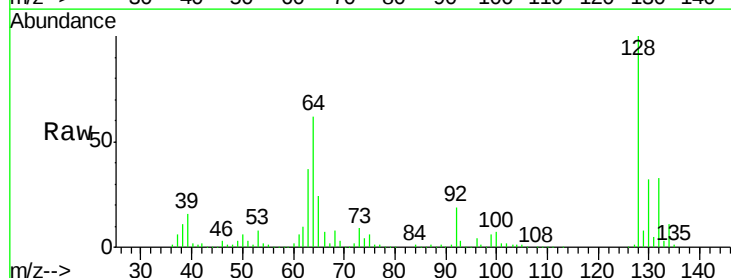
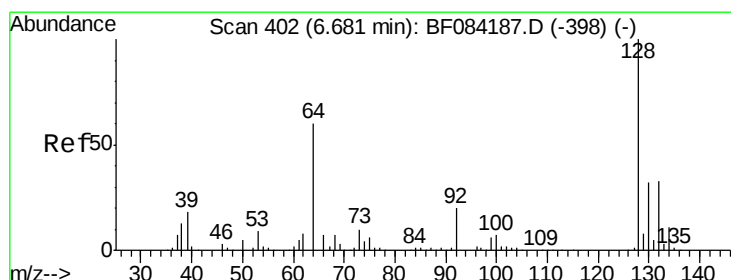
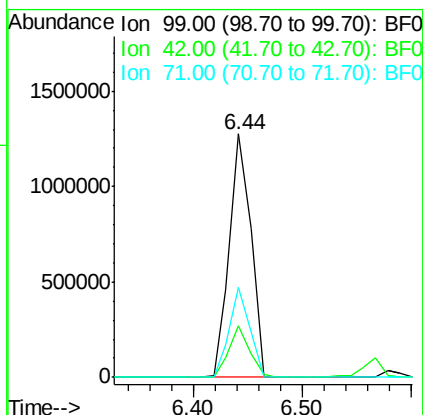
Tot Ion: 99 Resp: 1741723

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

71 37.1 30.9 46.3



#8

2-Chlorophenol

Concen: 39.80 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

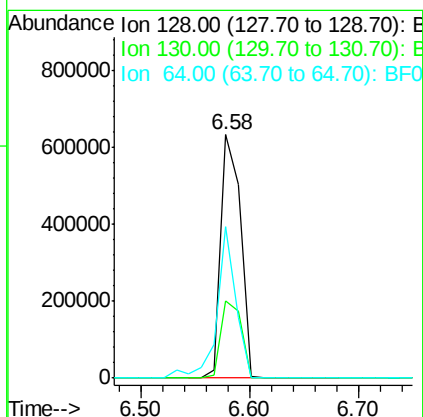
Tgt Ion: 128 Resp: 797983

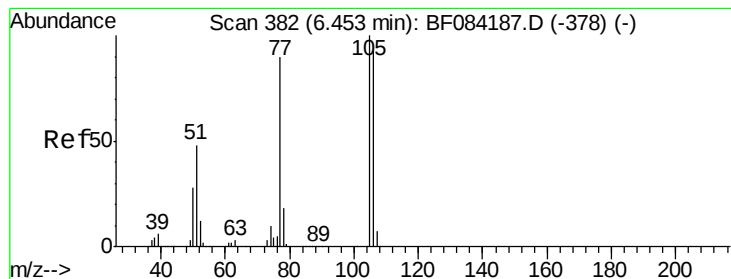
Ion Ratio Lower Upper

128 100

130 31.8 11.6 51.6

64 62.0 23.8 63.8





#9

Benzaldehyde

Concen: 35.73 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

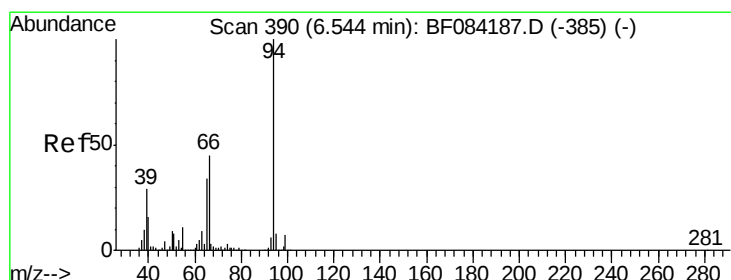
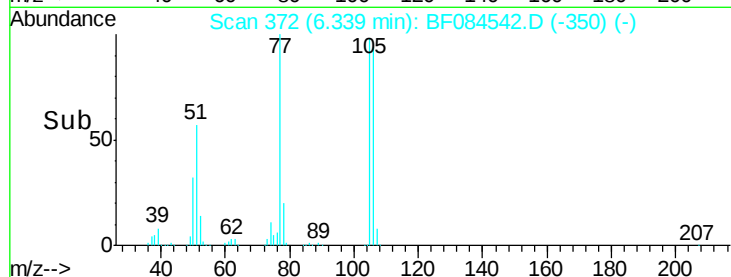
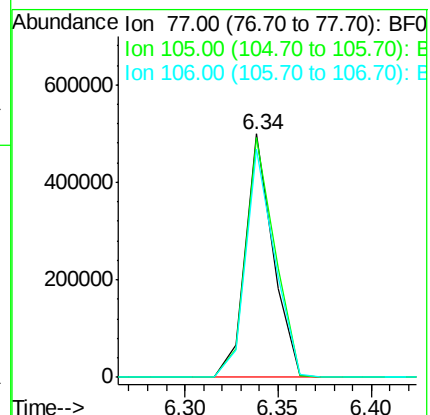
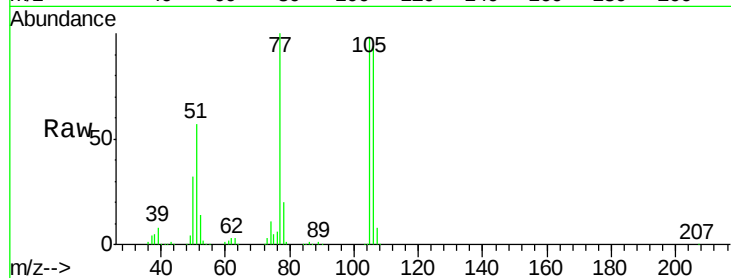
Tot Ion: 77 Resp: 516386

Ion Ratio Lower Upper

77 100

105 98.3 83.0 123.0

106 93.7 74.6 114.6



#10

Phenol

Concen: 37.43 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

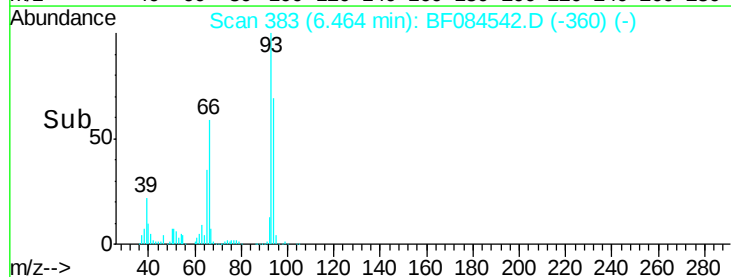
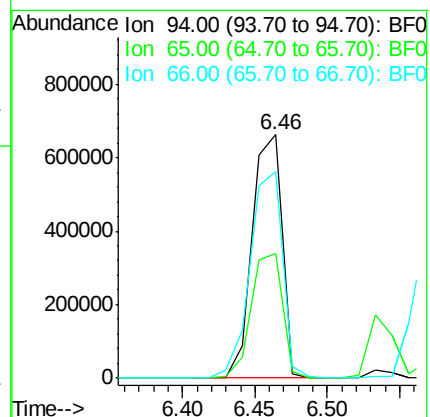
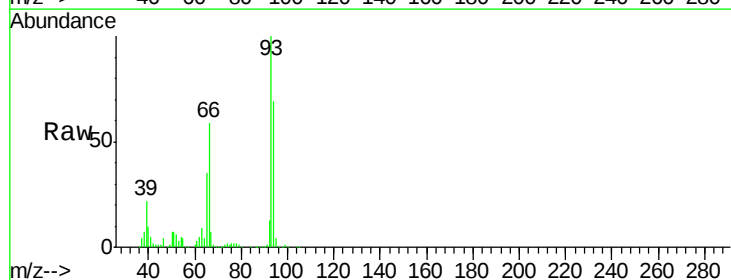
Tgt Ion: 94 Resp: 944577

Ion Ratio Lower Upper

94 100

65 50.9 12.9 52.9

66 85.0 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 39.92 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

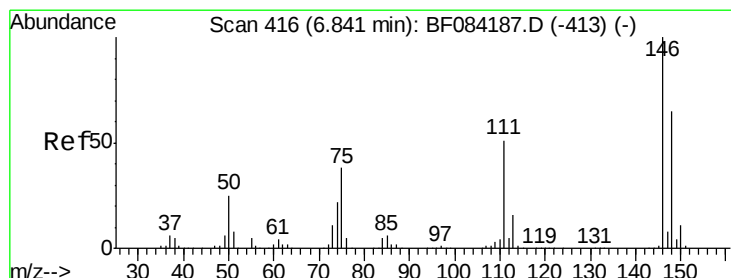
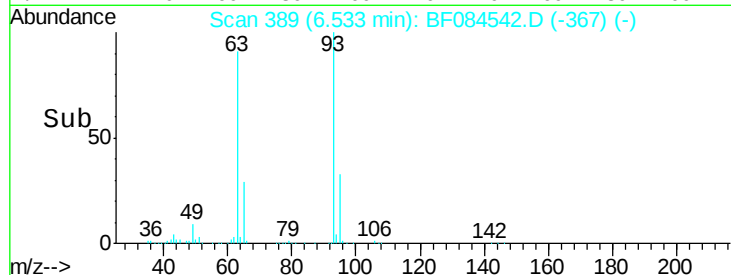
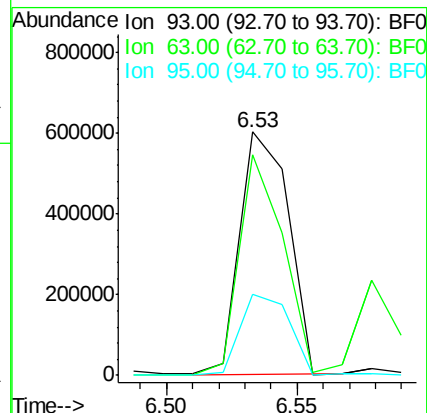
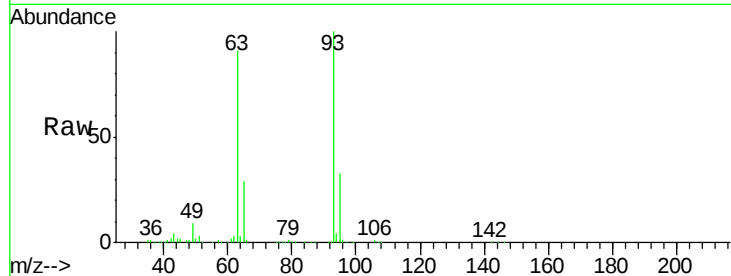
Tot Ion: 93 Resp: 780373

Ion Ratio Lower Upper

93 100

63 90.6 45.9 85.9#

95 33.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 42.83 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

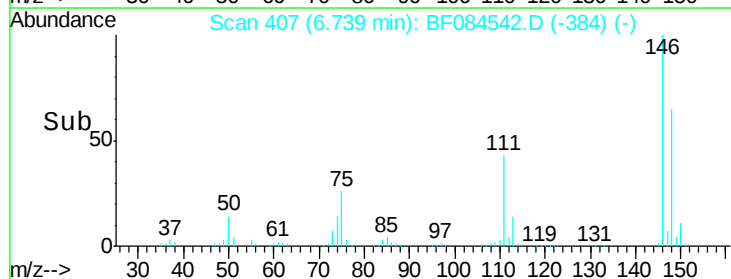
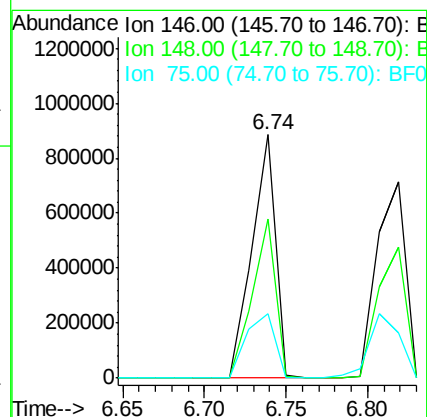
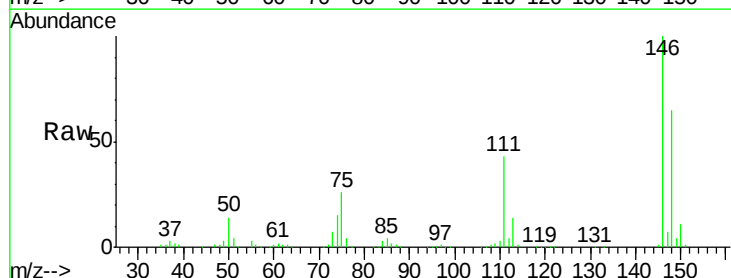
Tgt Ion: 146 Resp: 885973

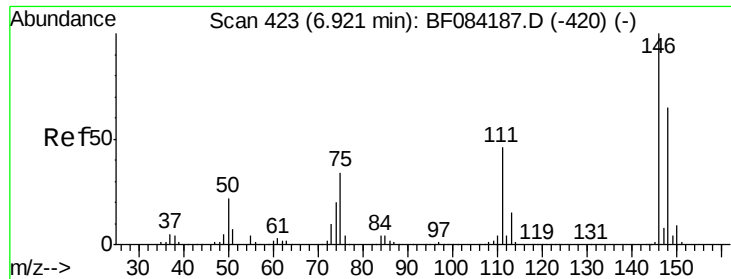
Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

75 26.2 20.5 30.7

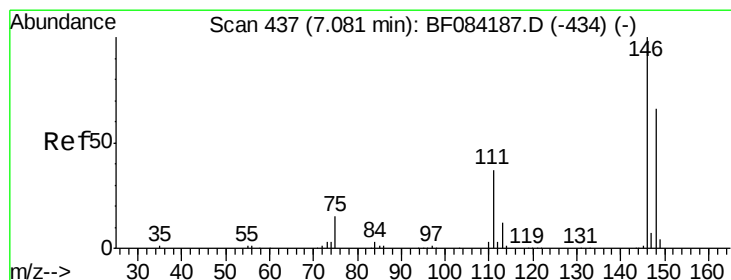
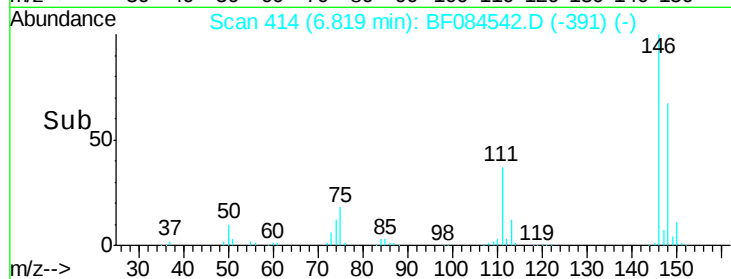
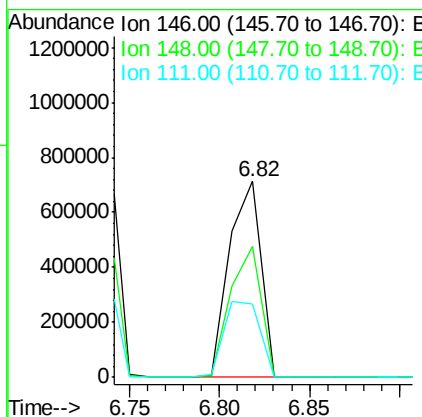
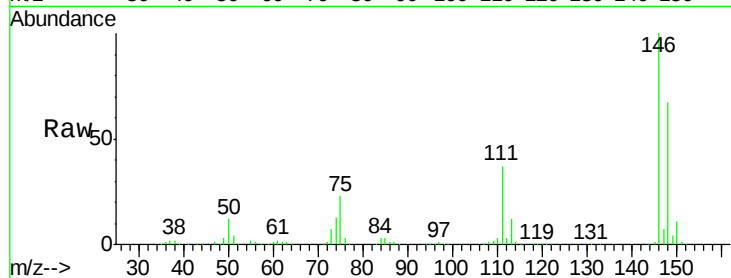




#13
 1,4-Dichlorobenzene
 Concen: 41.61 ng/ml
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

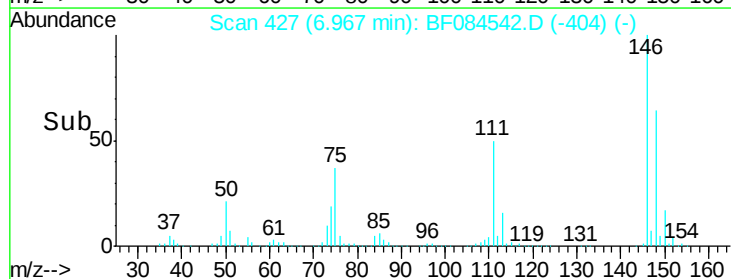
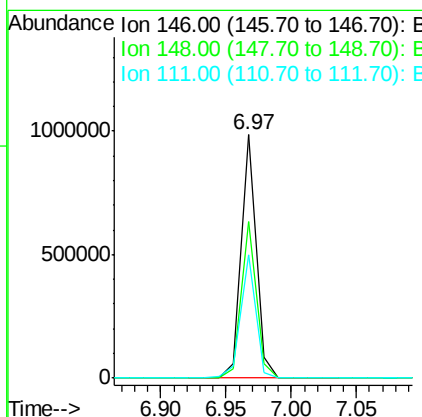
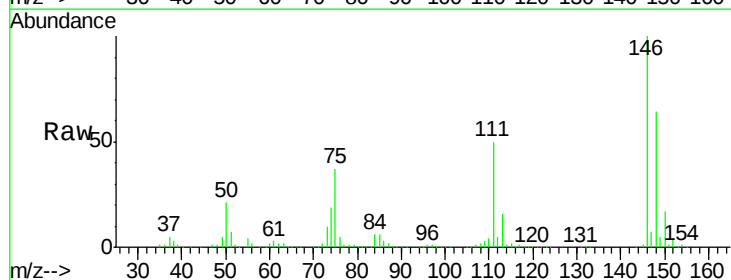
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

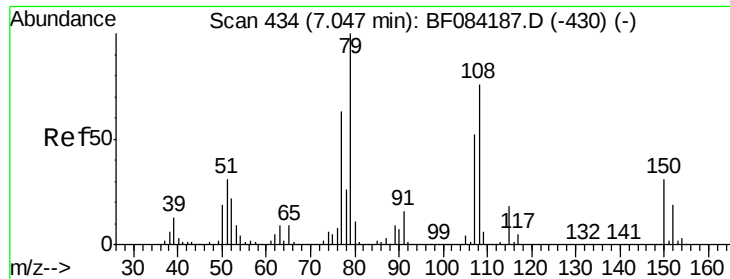
Tot Ion:146 Resp: 863070
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.9 77.9
 111 37.5 41.6 62.4#



#14
 1,2-Dichlorobenzene
 Concen: 39.06 ng/ml
 RT: 6.97 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:146 Resp: 776000
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 50.4 38.0 57.0





#15

Benzyl Alcohol

Concen: 34.25 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

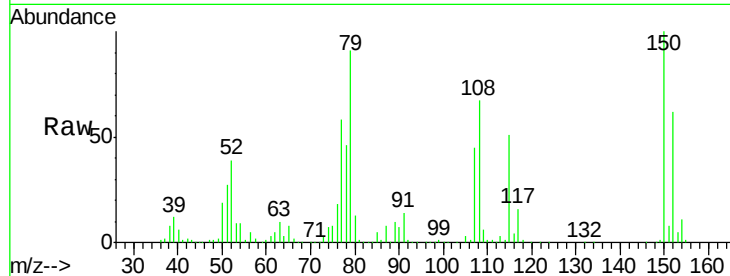
Tot Ion: 79 Resp: 639590

Ion Ratio Lower Upper

79 100

108 73.5 69.0 103.4

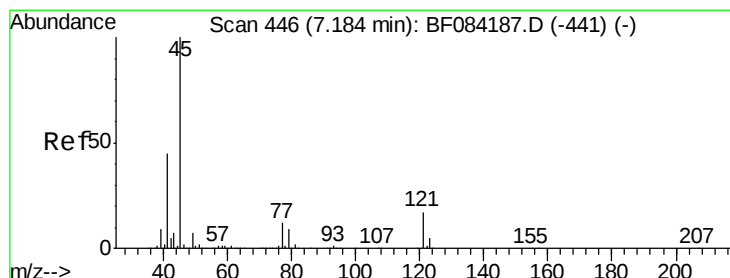
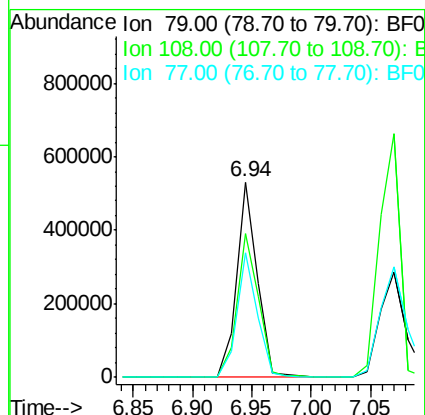
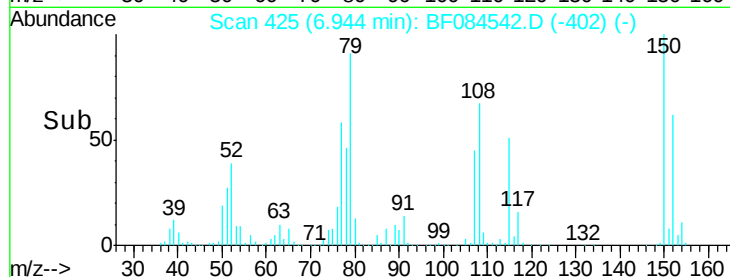
77 63.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.26 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

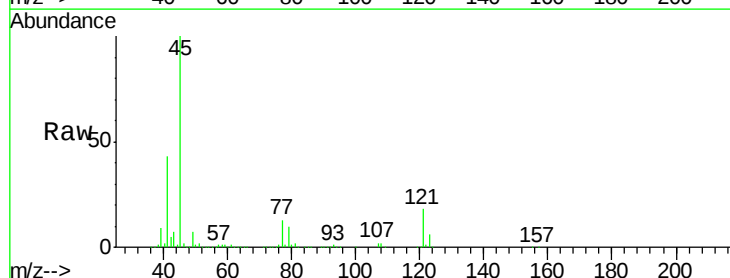
Tgt Ion: 45 Resp: 1219733

Ion Ratio Lower Upper

45 100

77 12.6 0.0 39.6

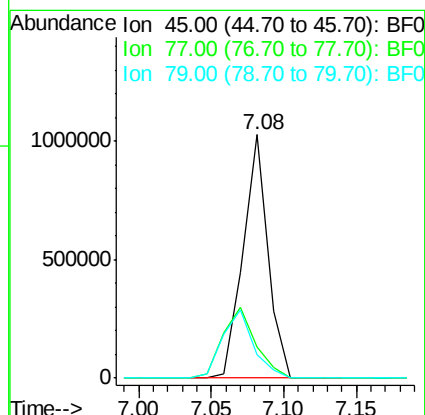
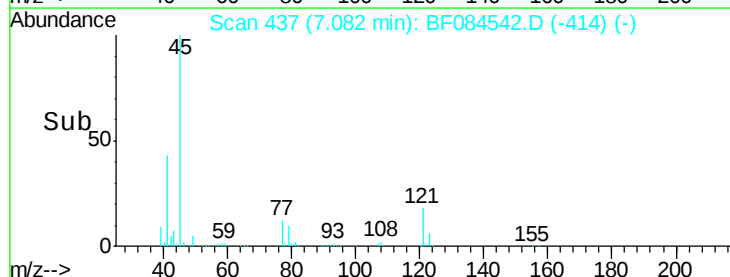
79 9.9 0.0 35.0

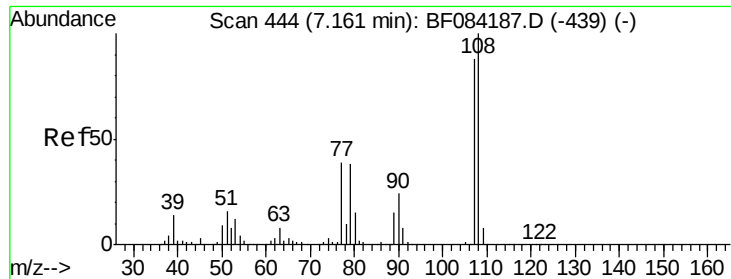


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.34 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 694845

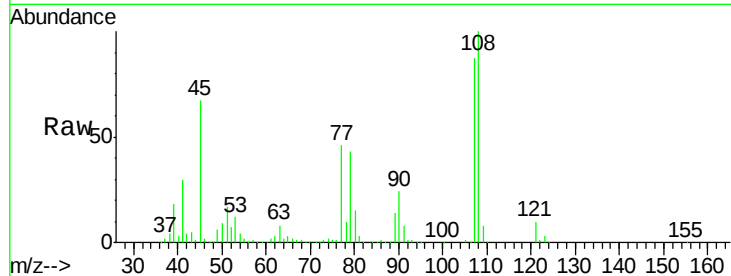
Ion Ratio Lower Upper

107 100

108 115.3 89.8 134.6

77 52.5 35.7 53.5

79 50.1 35.7 53.5

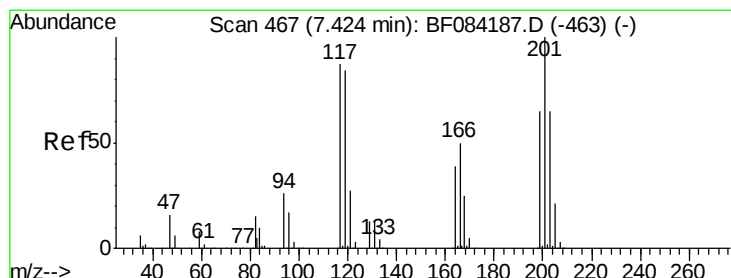
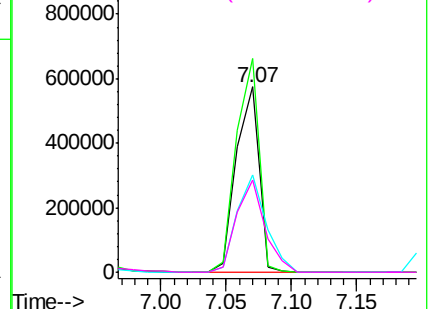
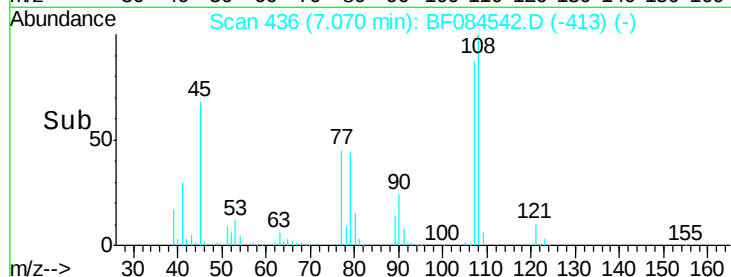


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.56 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

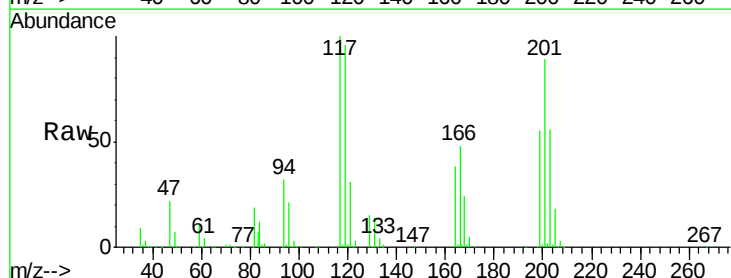
Tgt Ion:117 Resp: 344716

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

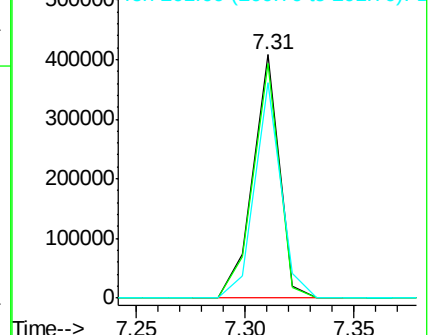
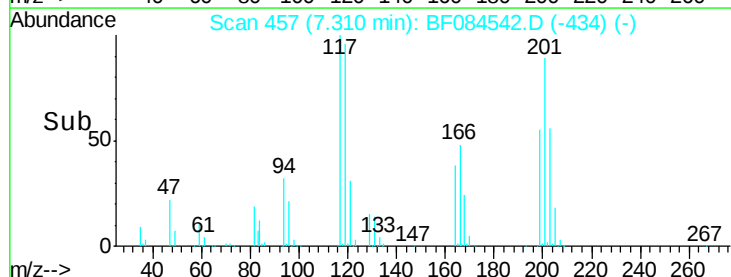
201 88.7 68.6 103.0

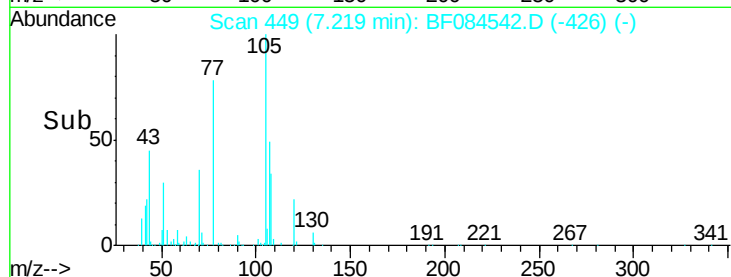
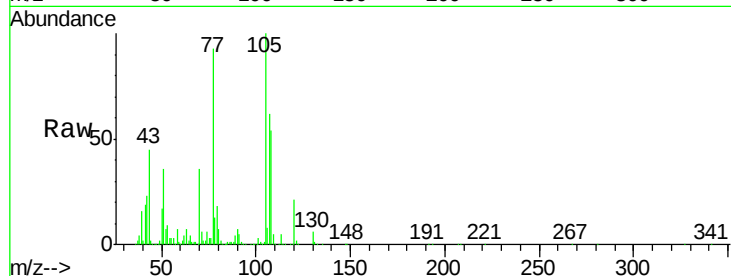
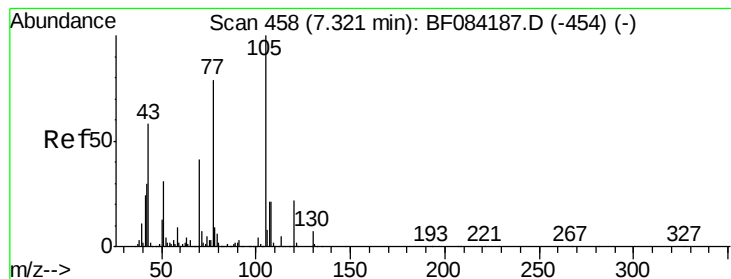


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.33 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 560949

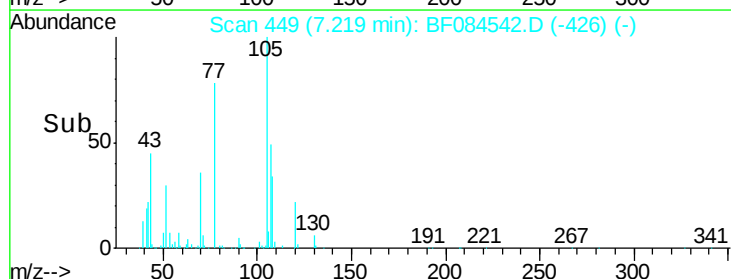
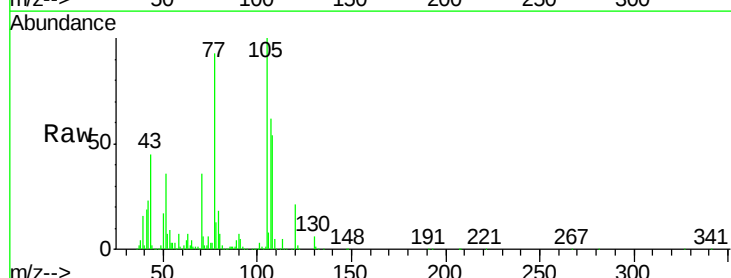
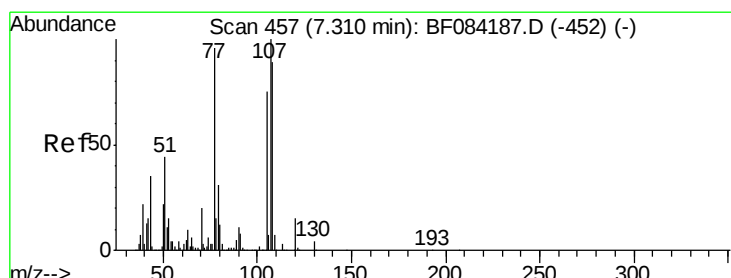
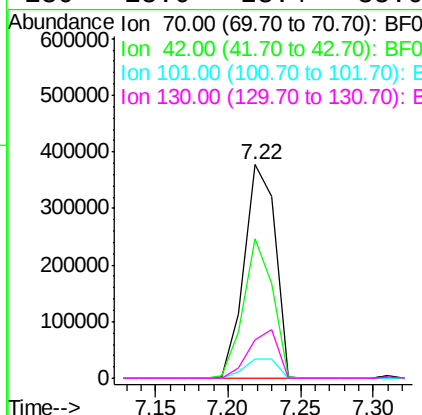
Ion Ratio Lower Upper

70 100

42 65.5 33.3 49.9#

101 9.1 9.3 13.9#

130 18.0 23.4 35.0#



#20

3+4-Methylphenols

Concen: 37.16 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Tgt Ion:107 Resp: 734037

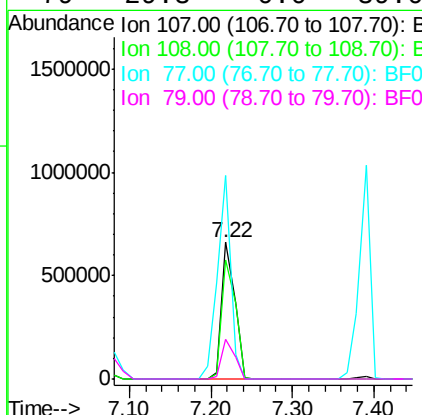
Ion Ratio Lower Upper

107 100

108 87.6 74.6 114.6

77 149.3 0.7 40.7#

79 29.3 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: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1176663

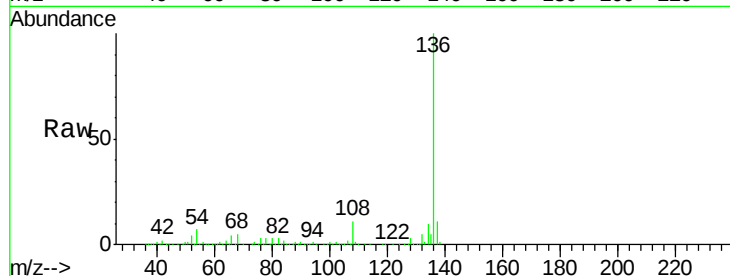
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.4 5.8 8.8

68 4.7 4.2 6.2

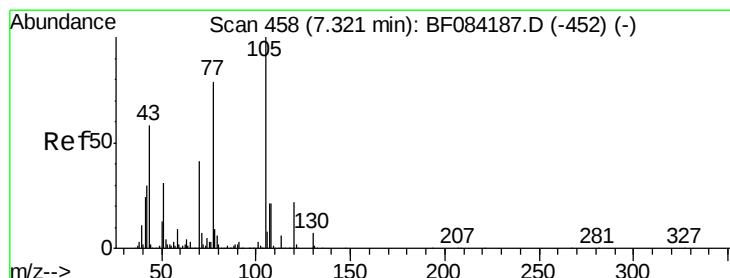
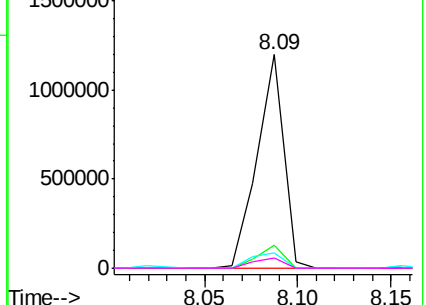
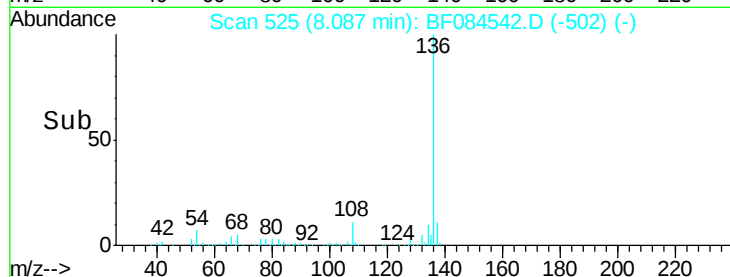


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.62 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Tgt Ion:105 Resp: 1177584

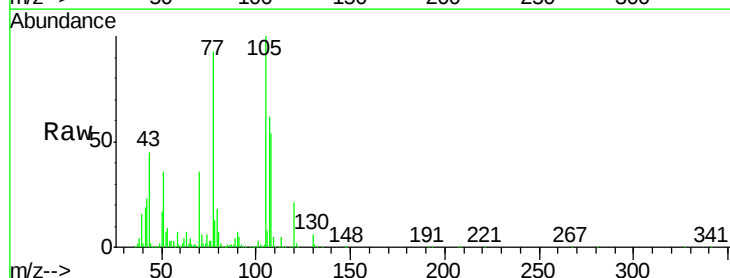
Ion Ratio Lower Upper

105 100

71 5.9 3.7 5.5#

51 36.3 25.1 37.7

120 21.5 16.6 25.0

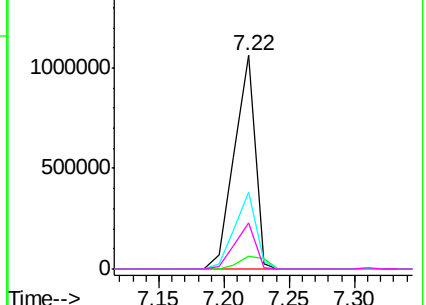
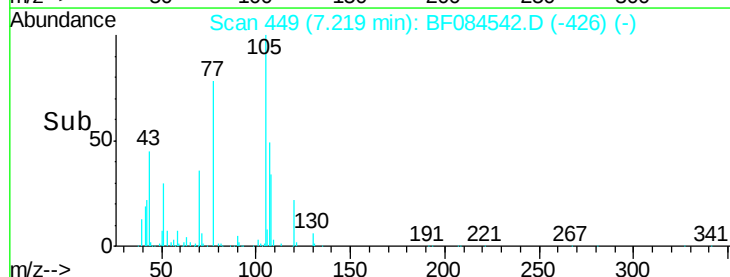


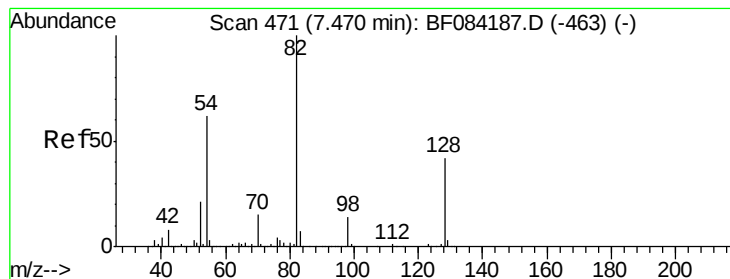
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.26 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

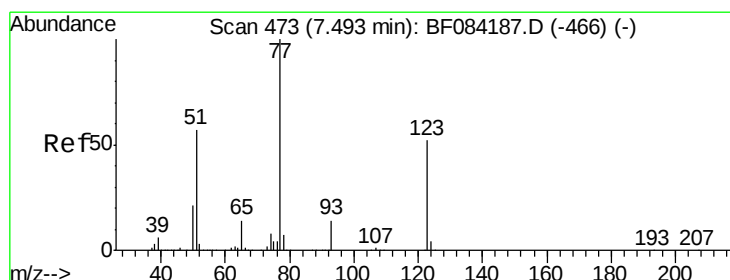
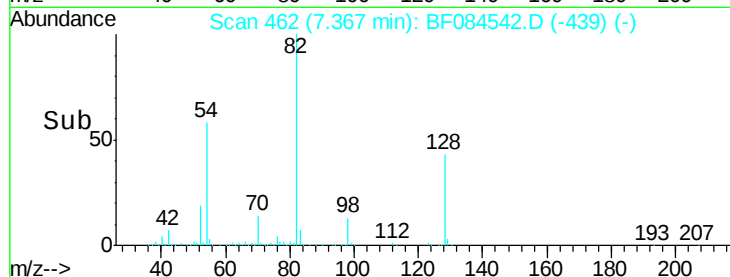
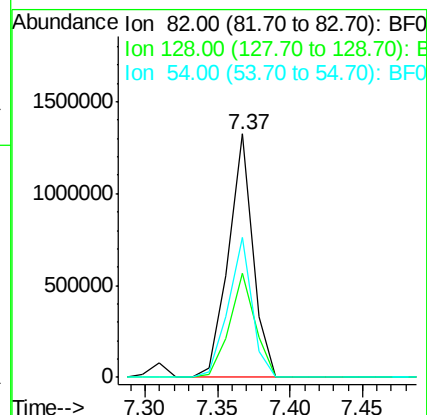
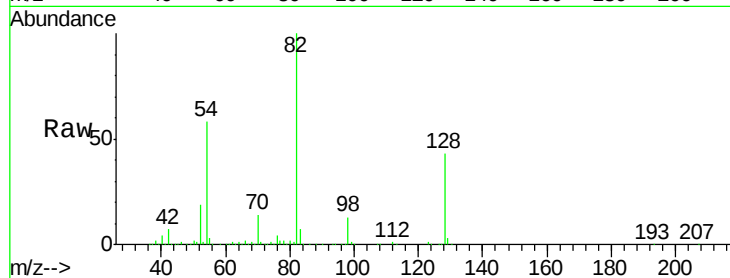
Tot Ion: 82 Resp: 1548932

Ion Ratio Lower Upper

82 100

128 42.9 34.6 51.8

54 57.6 38.4 57.6#



#24

Nitrobenzene

Concen: 44.41 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

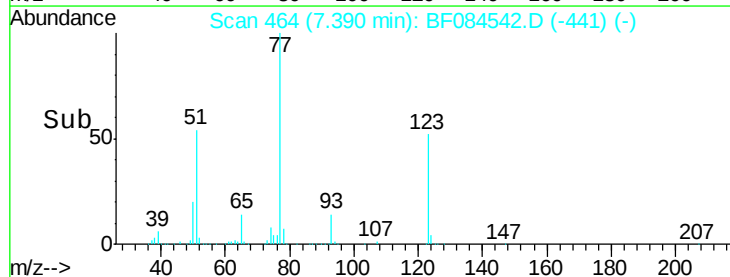
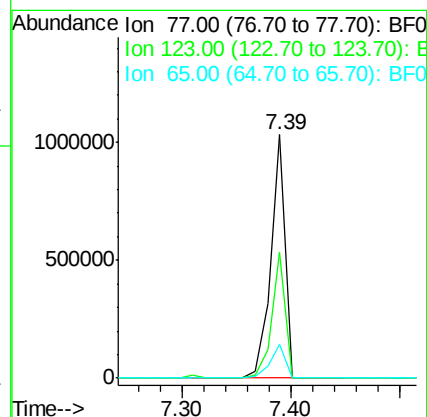
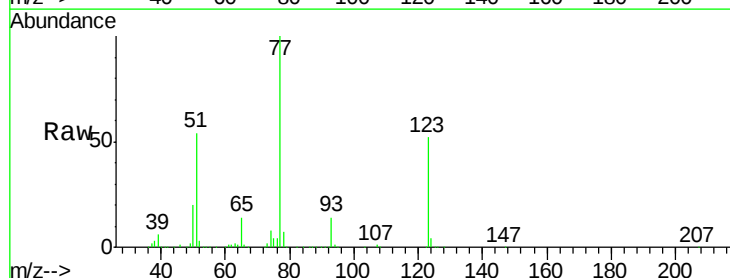
Tgt Ion: 77 Resp: 952241

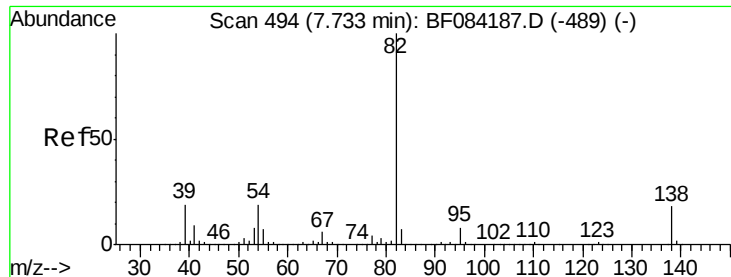
Ion Ratio Lower Upper

77 100

123 51.7 37.4 56.2

65 14.1 10.9 16.3





#25

Isophorone

Concen: 39.07 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

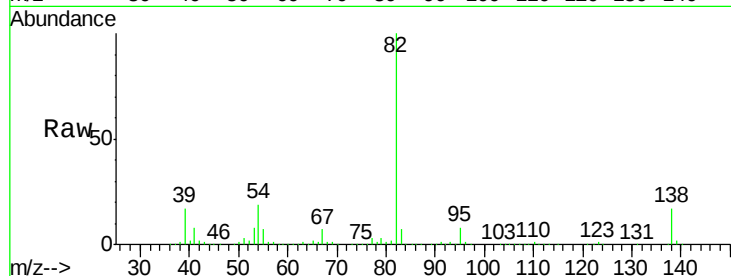
Tot Ion: 82 Resp: 1579799

Ion Ratio Lower Upper

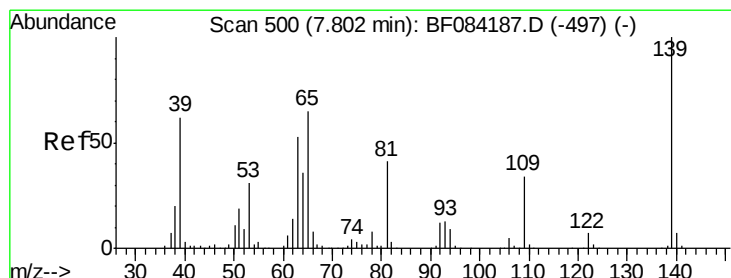
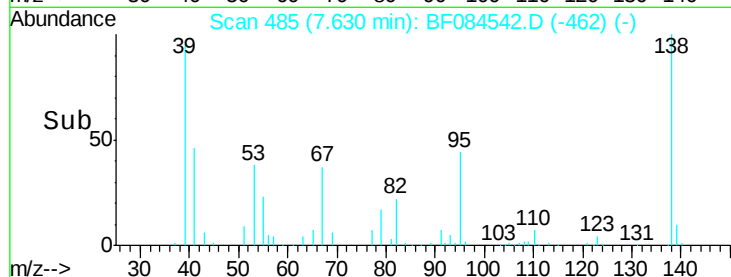
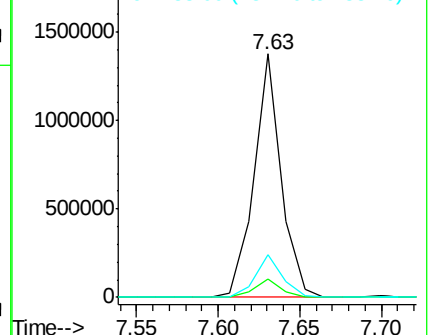
82 100

95 7.6 6.6 10.0

138 17.3 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: 41.83 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

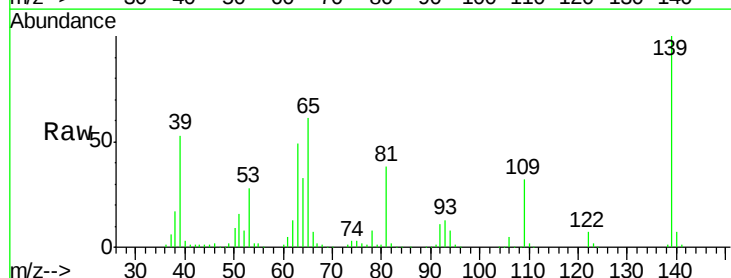
Tgt Ion: 139 Resp: 408180

Ion Ratio Lower Upper

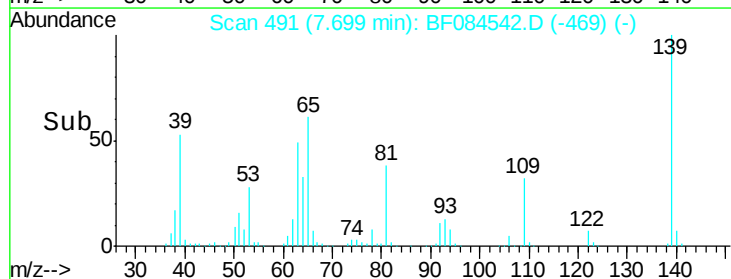
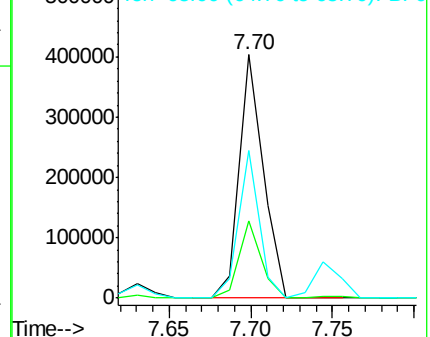
139 100

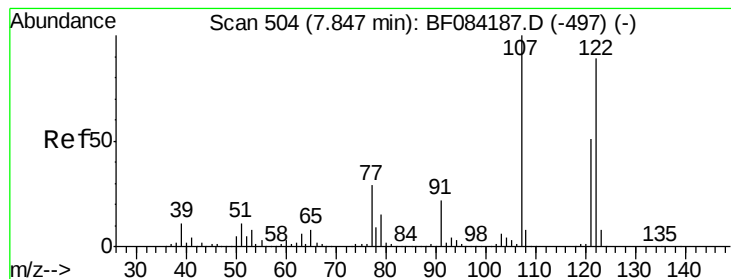
109 31.7 25.4 38.2

65 60.7 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 38.26 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

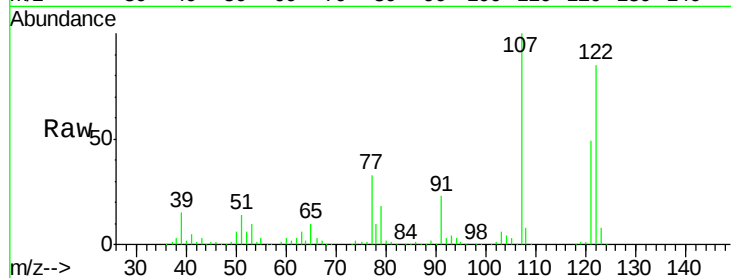
Tot Ion:122 Resp: 755852

Ion Ratio Lower Upper

122 100

107 118.0 99.1 148.7

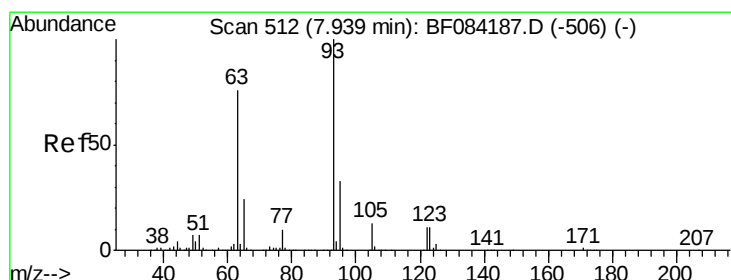
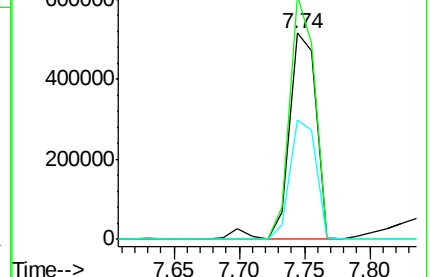
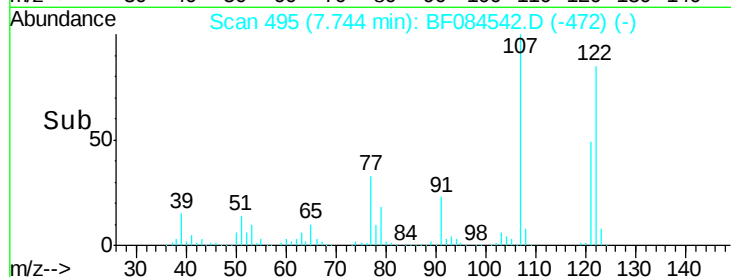
121 57.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.60 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

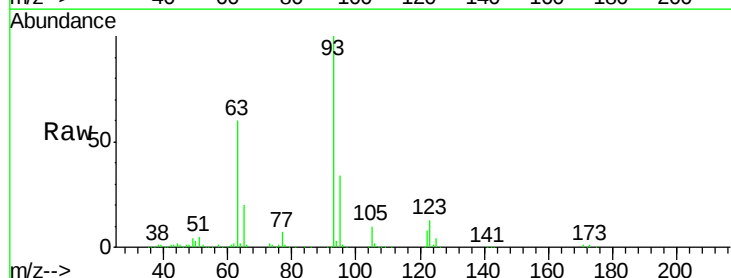
Tgt Ion: 93 Resp: 1002631

Ion Ratio Lower Upper

93 100

95 33.9 25.8 38.6

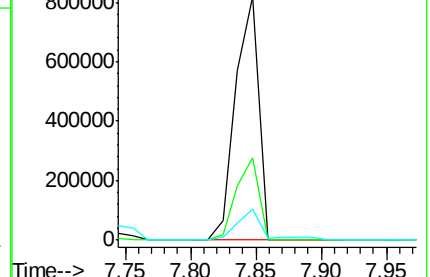
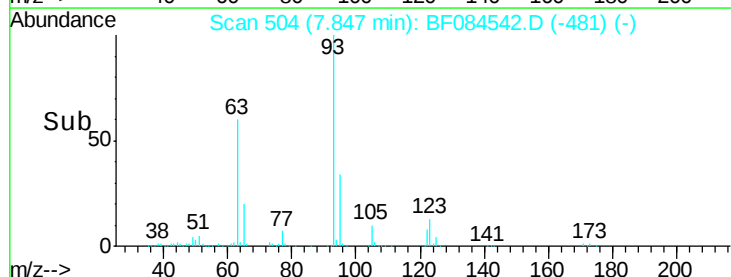
123 12.8 8.6 12.8



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: 42.39 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

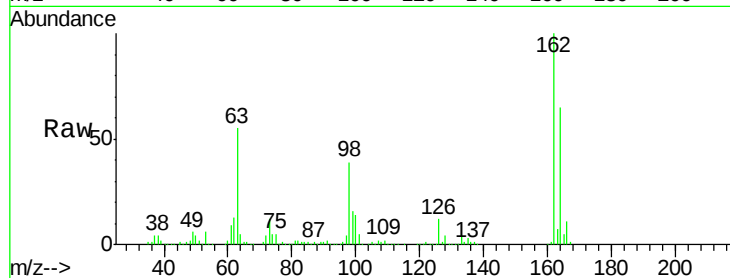
Tot Ion:162 Resp: 697502

Ion Ratio Lower Upper

162 100

164 64.7 44.1 84.1

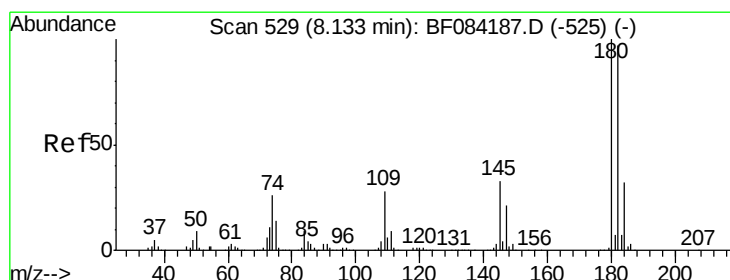
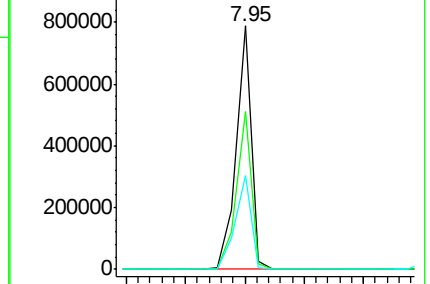
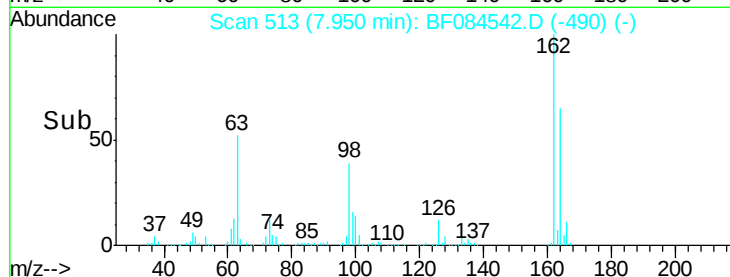
98 38.7 20.2 60.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 42.99 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

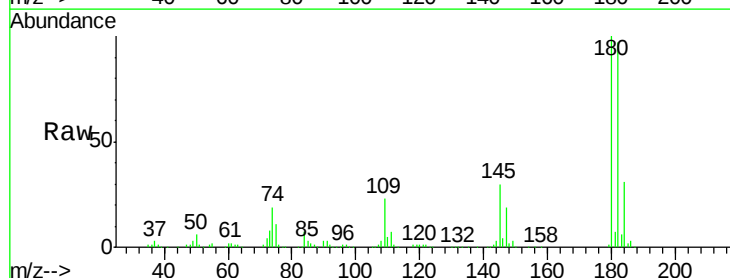
Tgt Ion:180 Resp: 730351

Ion Ratio Lower Upper

180 100

182 97.0 76.4 114.6

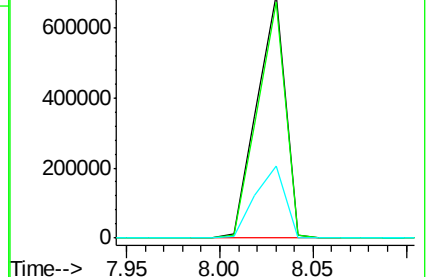
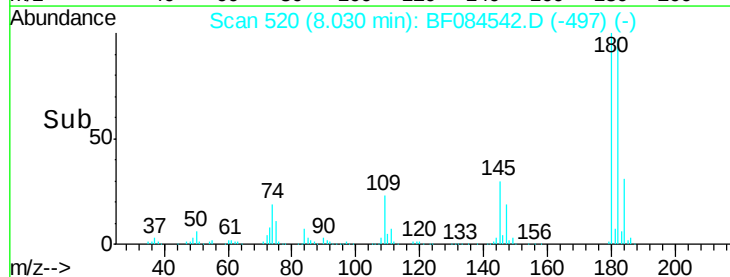
145 29.6 31.6 47.4#

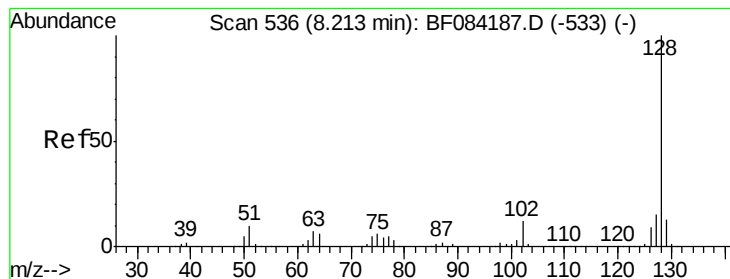


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.95 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

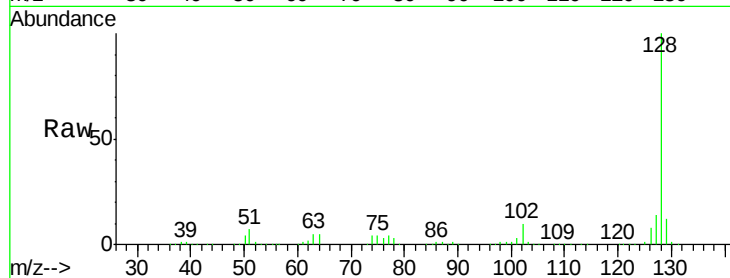
Tot Ion:128 Resp: 2292994

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

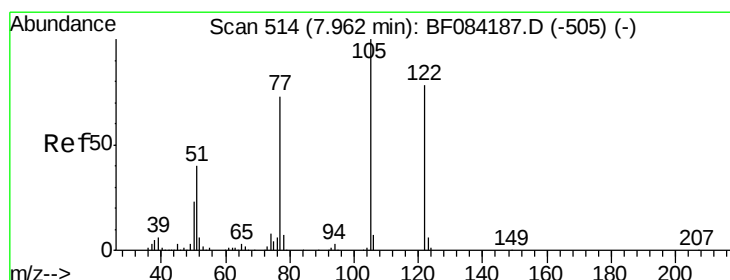
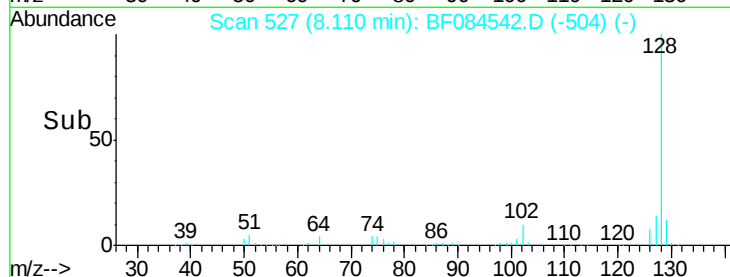
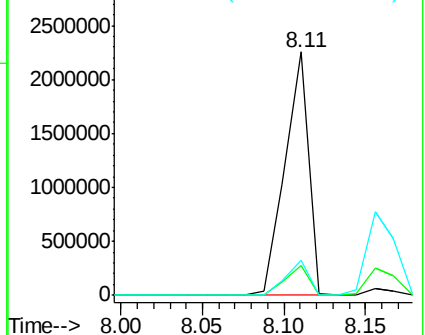
127 14.2 11.1 16.7



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: 40.03 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

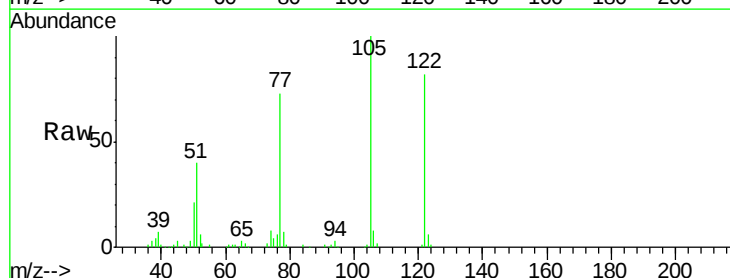
Tgt Ion:122 Resp: 493535

Ion Ratio Lower Upper

122 100

105 121.3 100.3 140.3

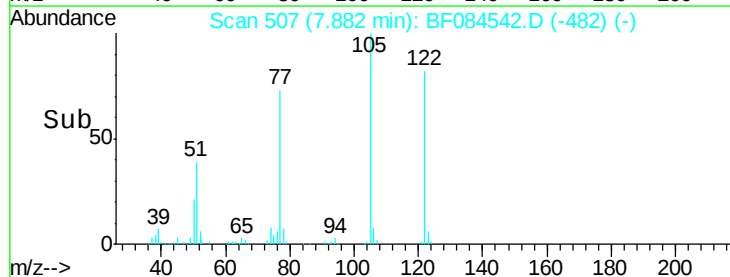
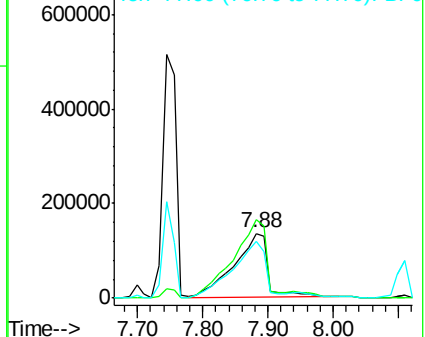
77 88.5 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

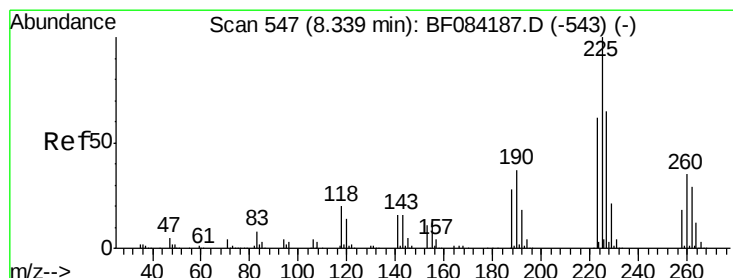
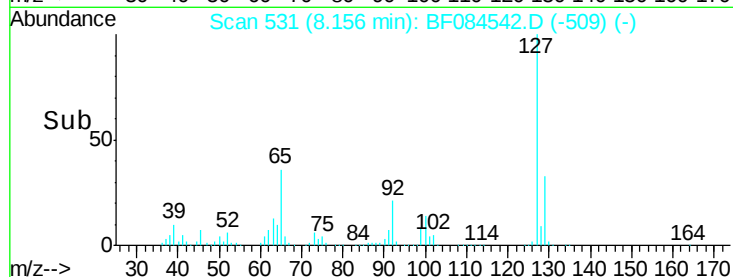
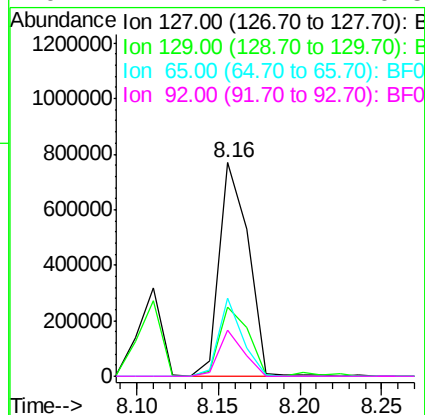
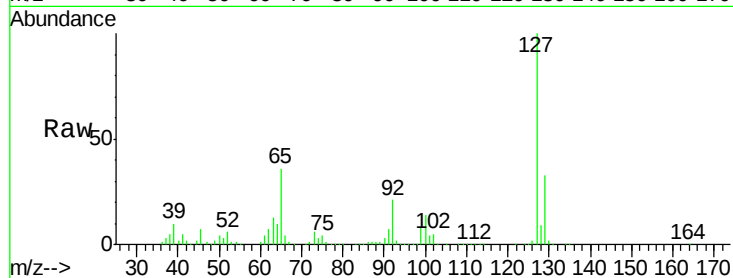




#33
4-Chloroaniline
Concen: 38.45 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

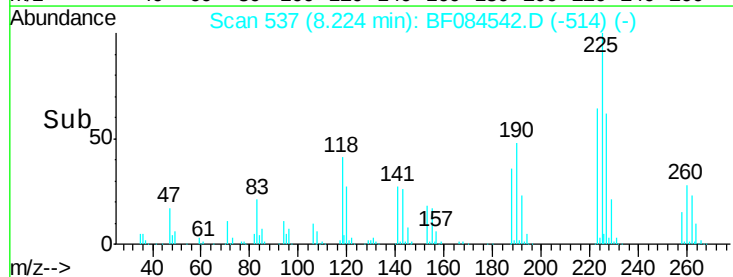
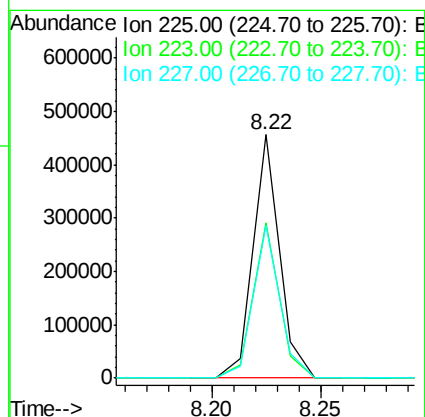
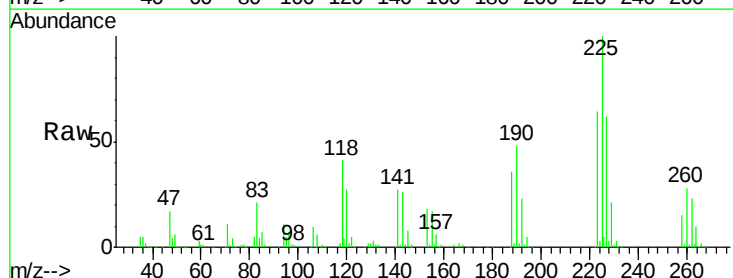
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

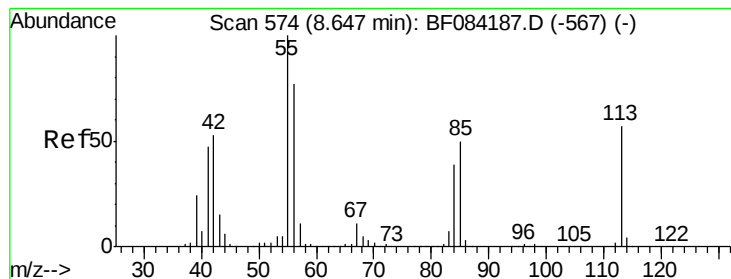
Tot Ion:	127	Resp:	940961
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	36.5	27.2	40.8
92	21.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:	225	Resp:	385378
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 43.02 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

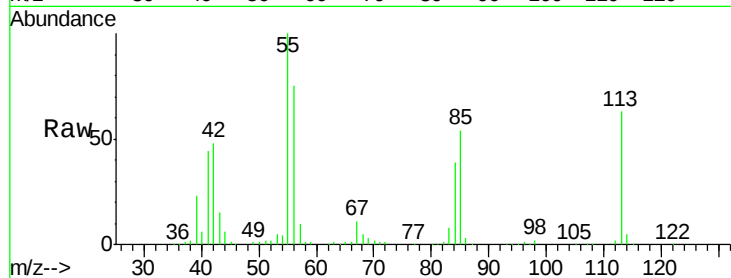
Tot Ion:113 Resp: 238618

Ion Ratio Lower Upper

113 100

55 160.0 116.9 156.9#

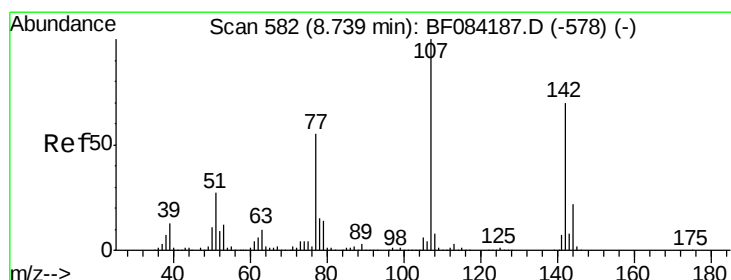
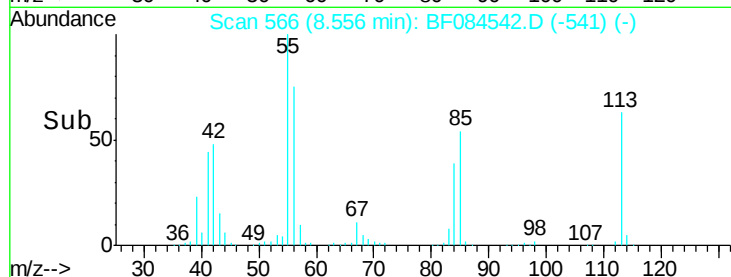
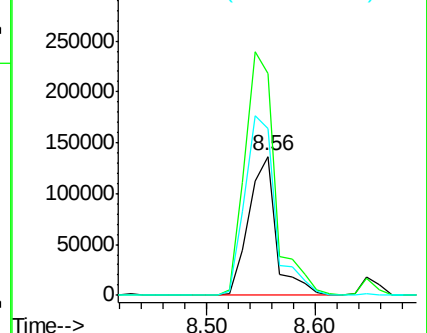
56 120.2 93.8 133.8



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: 37.64 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

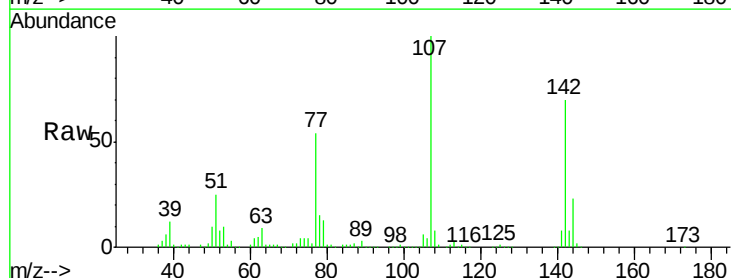
Tgt Ion:107 Resp: 693743

Ion Ratio Lower Upper

107 100

144 22.7 19.7 29.5

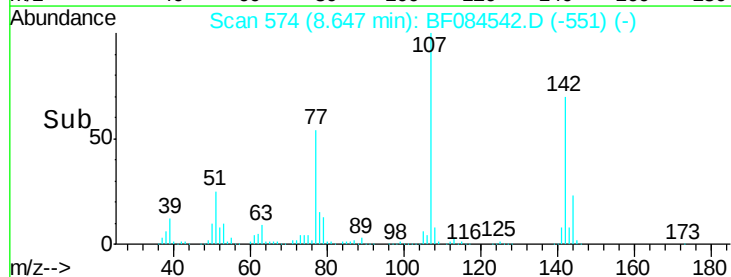
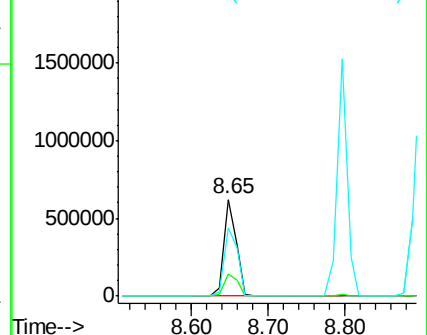
142 70.1 61.8 92.6

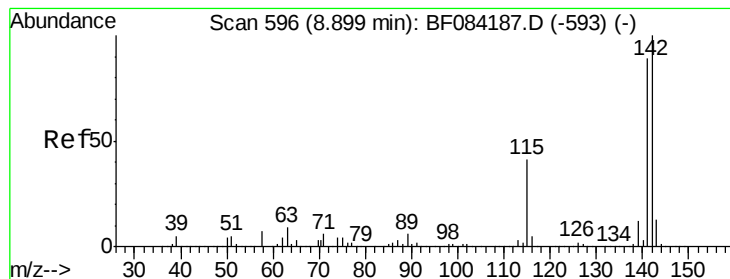


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.89 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

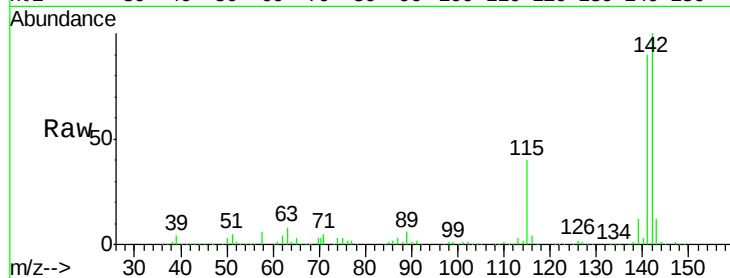
Tot Ion:142 Resp: 1375422

Ion Ratio Lower Upper

142 100

141 89.7 72.4 108.6

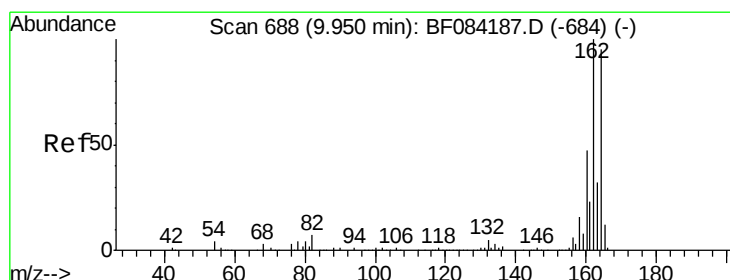
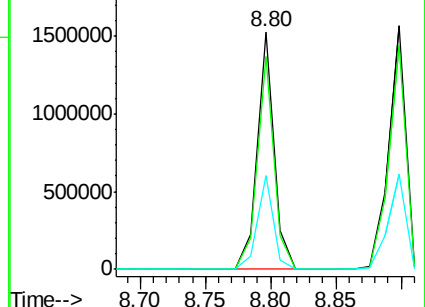
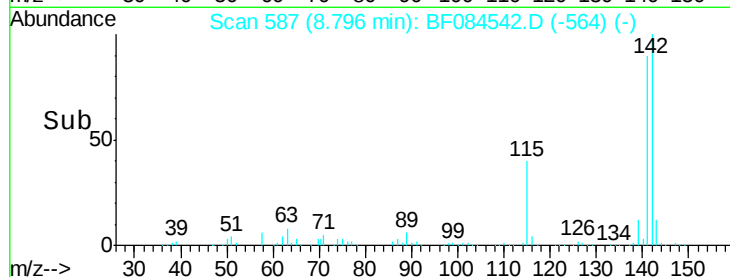
115 39.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

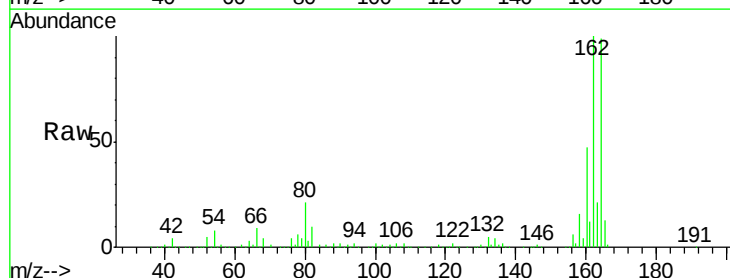
Tgt Ion:164 Resp: 532678

Ion Ratio Lower Upper

164 100

162 100.6 85.1 127.7

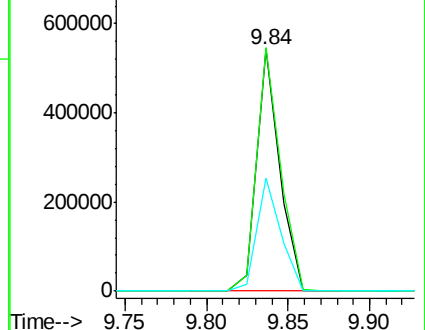
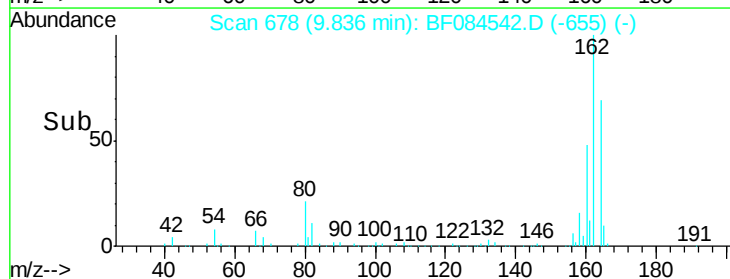
160 46.9 37.5 56.3

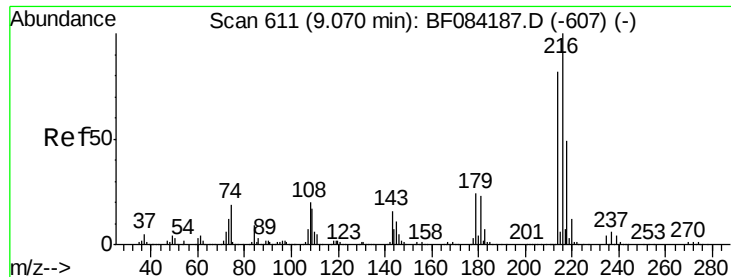


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.22 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 692562

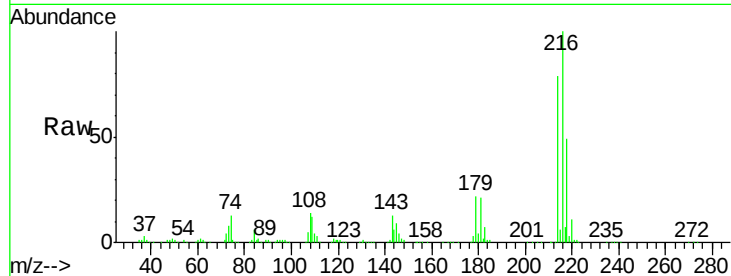
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 23.5 18.7 28.1

108 19.9 16.8 25.2

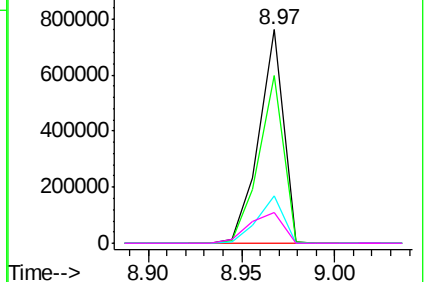
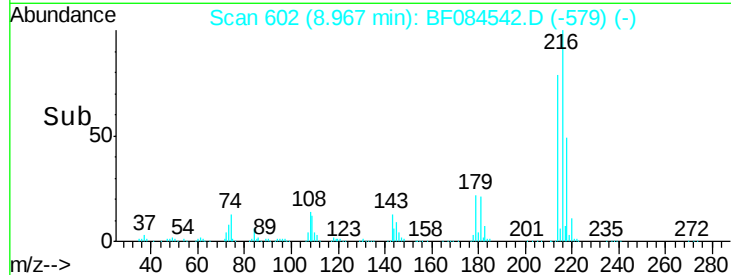


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.20 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

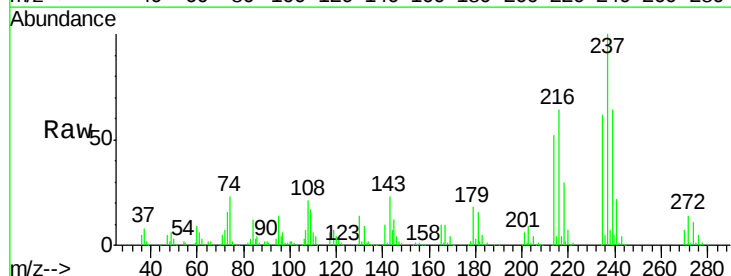
Tgt Ion:237 Resp: 353093

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

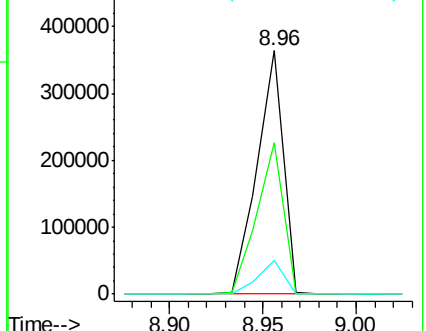
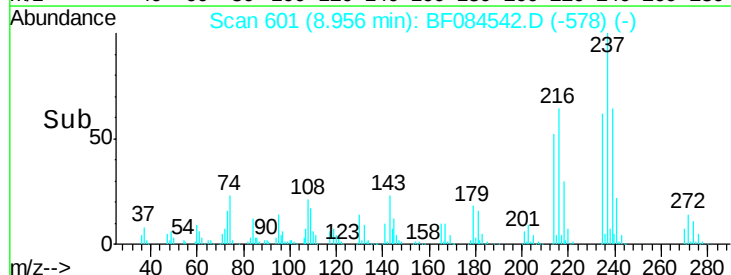
272 14.0 0.0 35.1



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

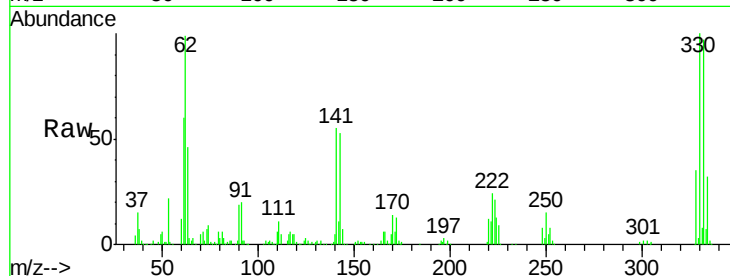




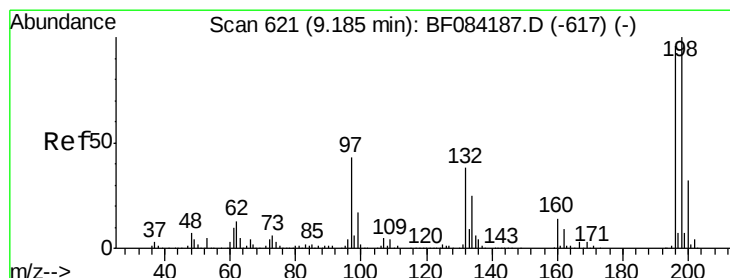
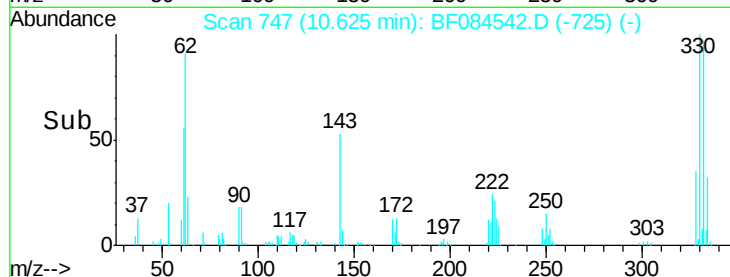
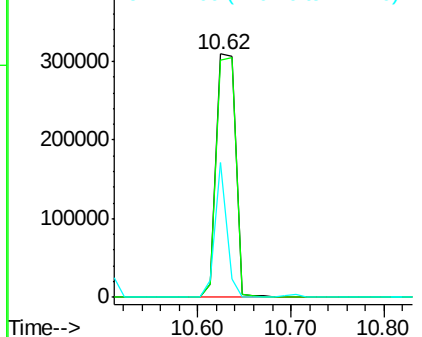
#41
 2,4,6-Tribromophenol
 Concen: 82.17 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 441907
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 34.2 27.8 41.6

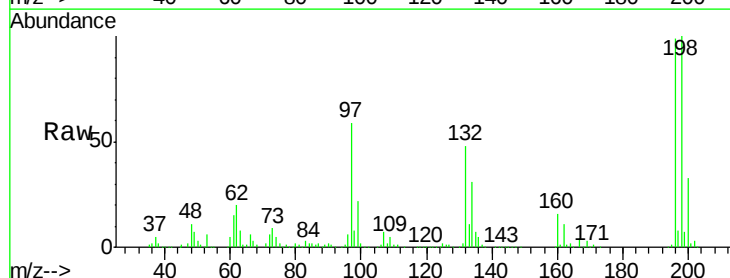


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

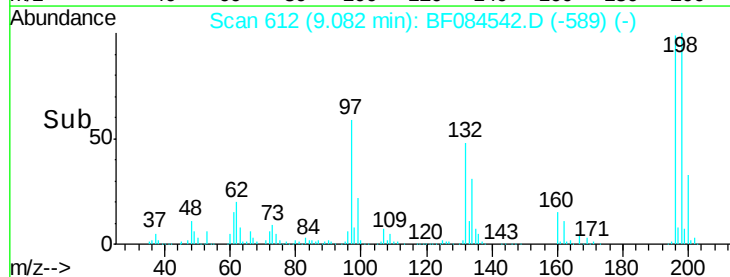
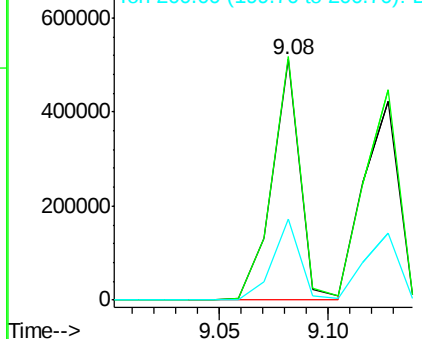


#42
 2,4,6-Trichlorophenol
 Concen: 40.68 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:196 Resp: 466088
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.7 116.5
 200 33.7 24.6 37.0



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

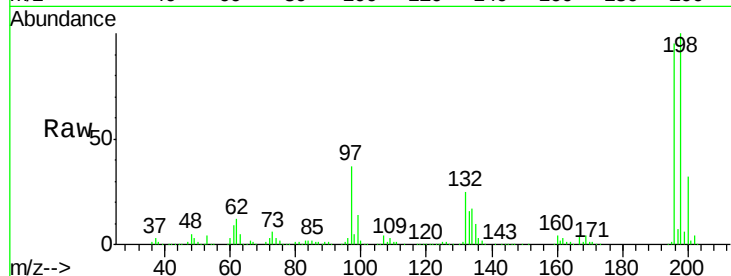




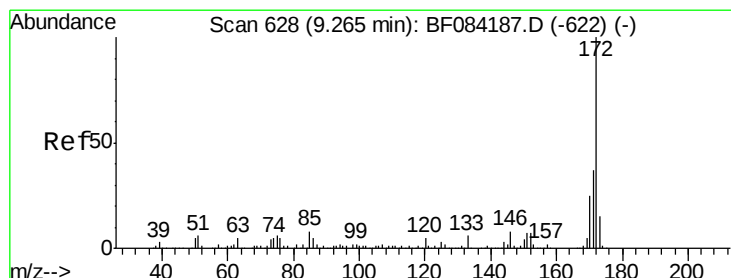
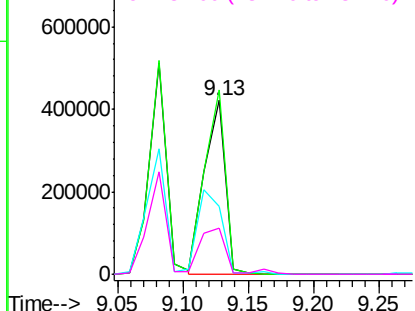
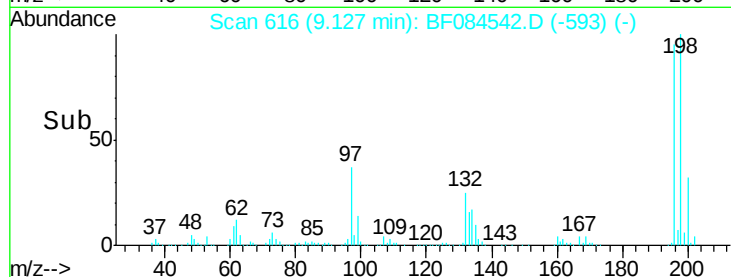
#43
 2,4,5-Trichlorophenol
 Concen: 42.75 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	105.7	79.0	118.6
97	38.9	33.0	49.6
132	26.2	21.1	31.7

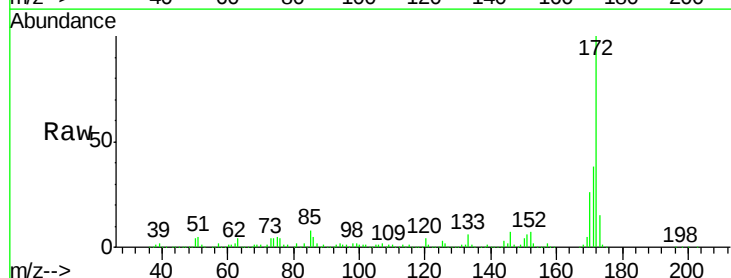


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

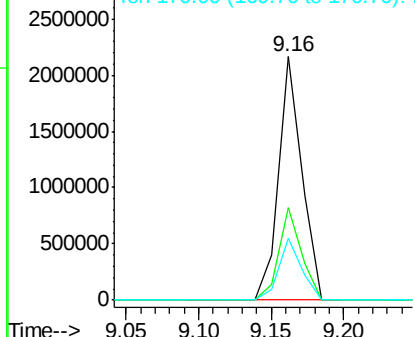
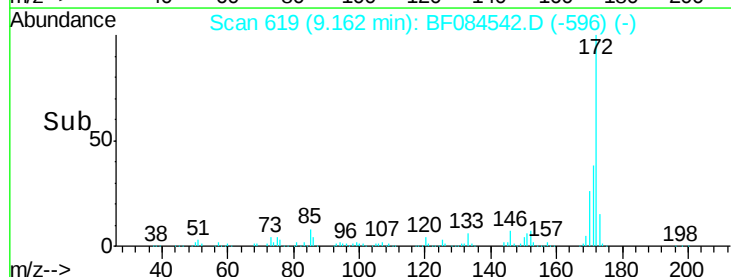


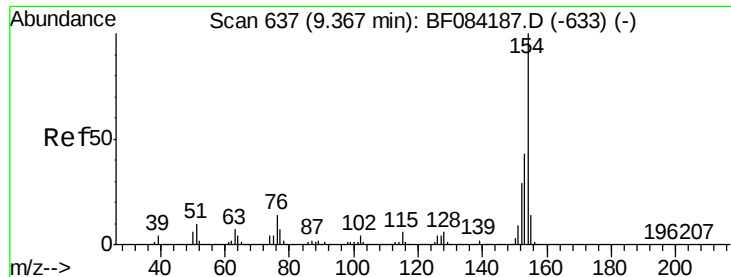
#44
 2-Fluorobiphenyl
 Concen: 78.99 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	25.5	18.6	27.8



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

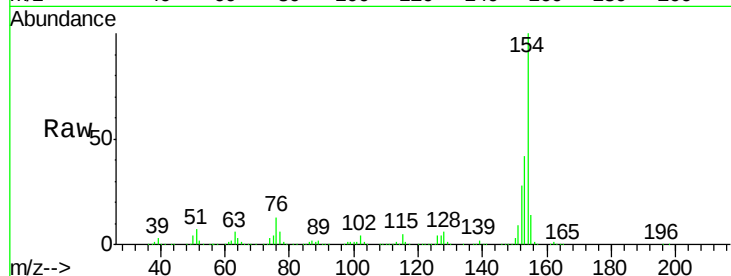




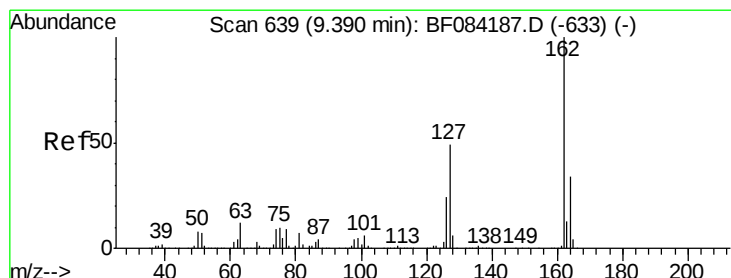
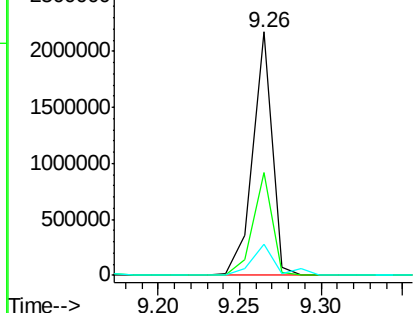
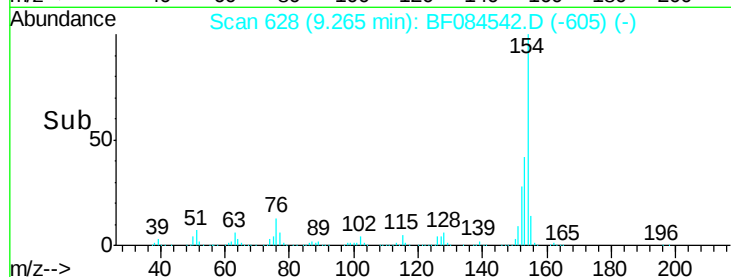
#45
 1,1'-Biphenyl
 Concen: 42.36 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1793342
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.6 61.6
 76 12.5 0.0 32.7

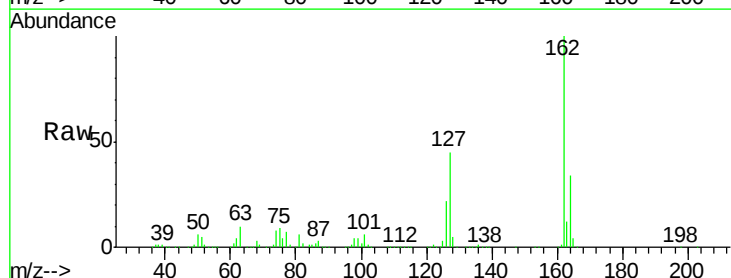


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

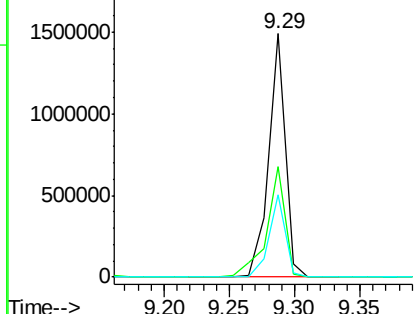
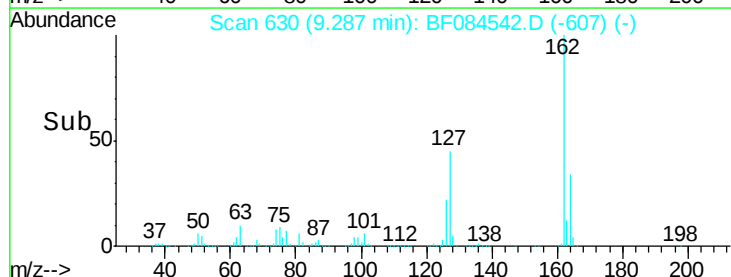


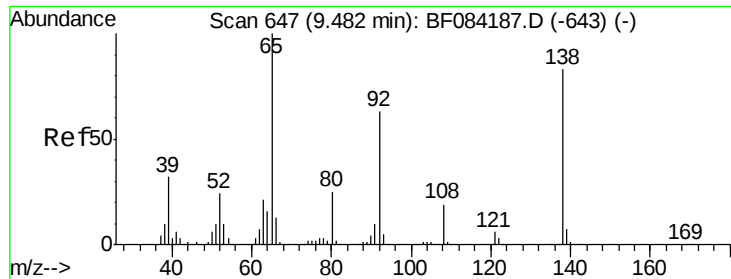
#46
 2-Chloronaphthalene
 Concen: 40.13 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:162 Resp: 1334426
 Ion Ratio Lower Upper
 162 100
 127 45.4 40.2 60.4
 164 33.6 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

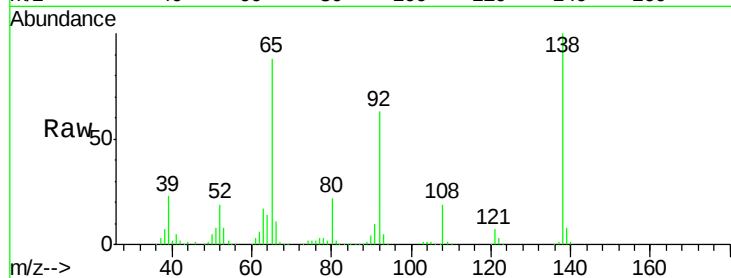




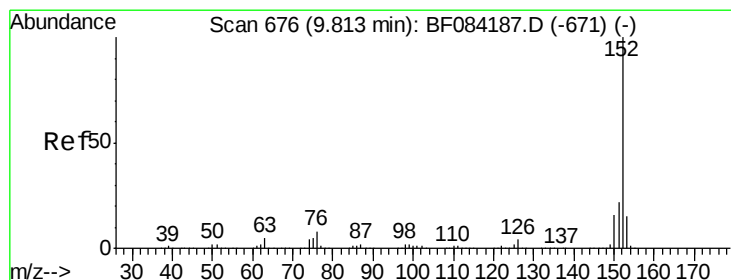
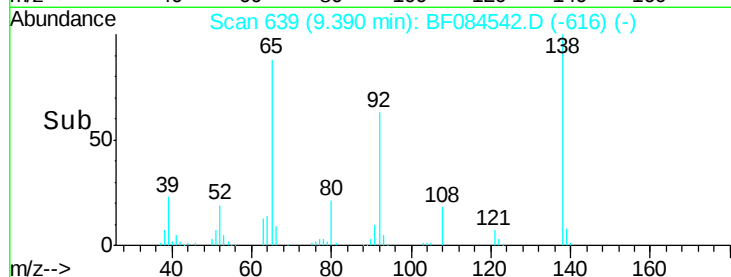
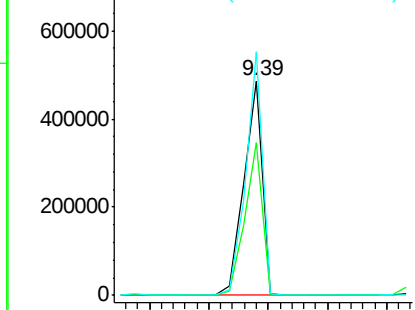
#47
2-Nitroaniline
Concen: 47.63 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 65 Resp: 522783
Ion Ratio Lower Upper
65 100
92 71.4 53.4 80.2
138 113.5 71.1 106.7#

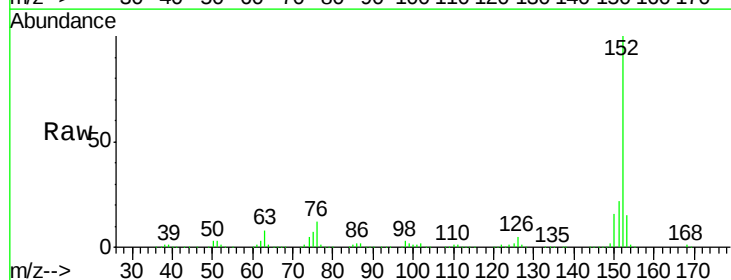


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

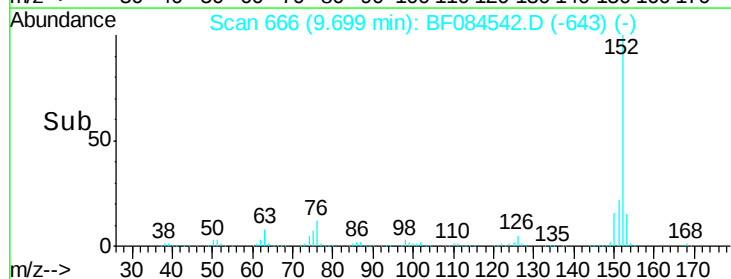
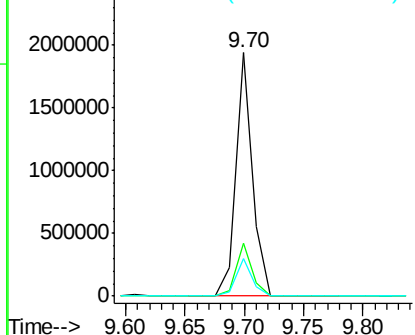


#48
Acenaphthylene
Concen: 38.14 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion: 152 Resp: 1873806
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 15.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.04 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

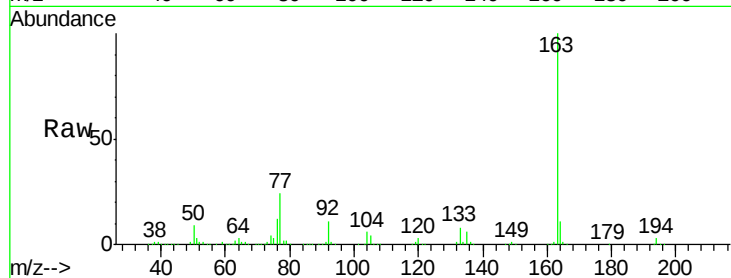
Tot Ion:163 Resp: 1524727

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

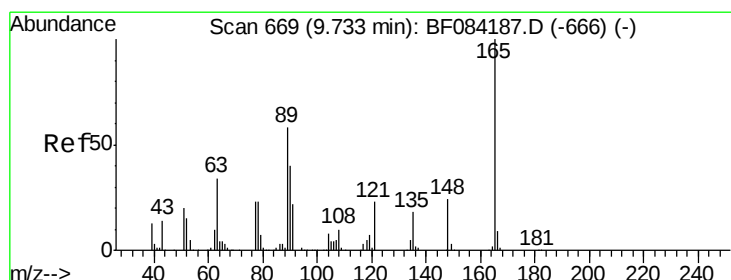
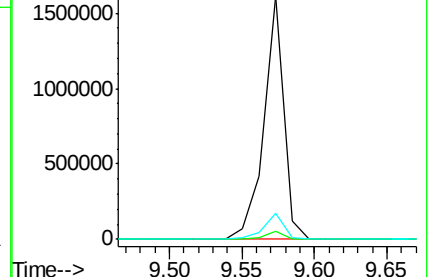
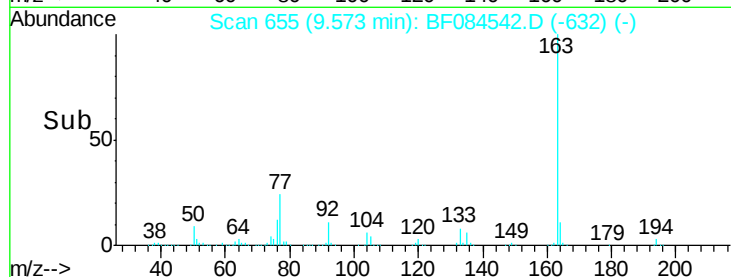
164 10.9 8.0 12.0



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: 40.44 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

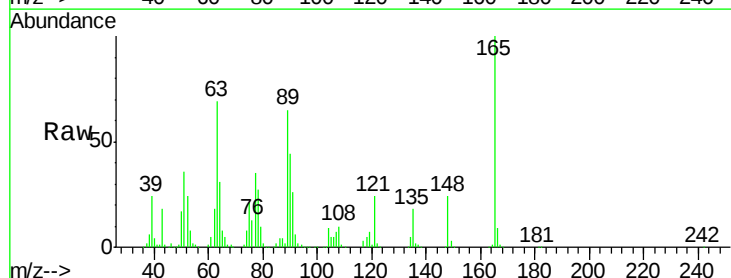
Tgt Ion:165 Resp: 337761

Ion Ratio Lower Upper

165 100

63 69.4 28.8 43.2#

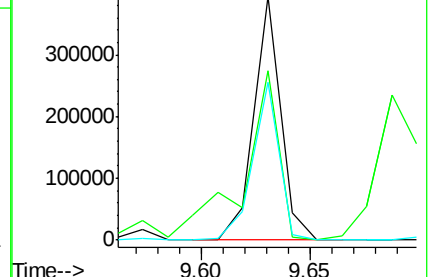
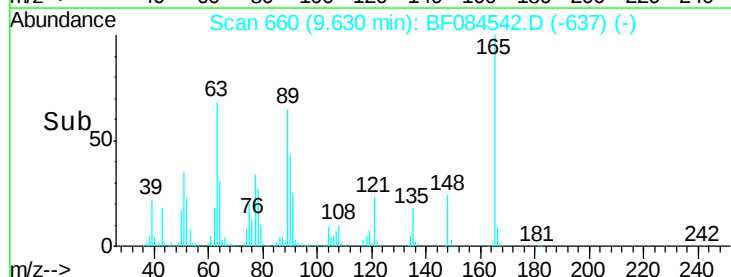
89 65.1 35.1 52.7#

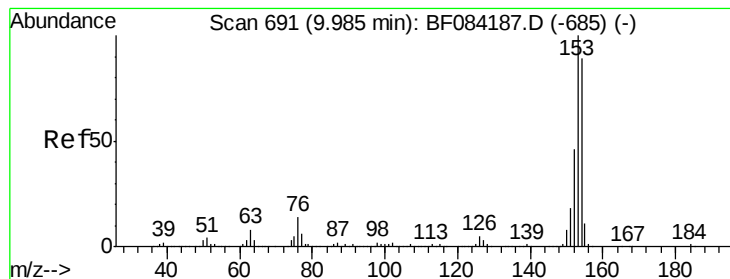


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.29 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

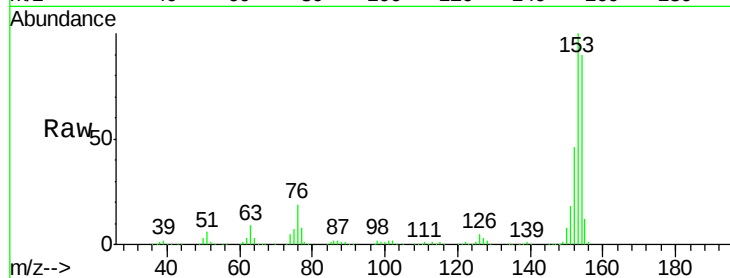
Tot Ion:154 Resp: 1360712

Ion Ratio Lower Upper

154 100

153 110.9 91.5 137.3

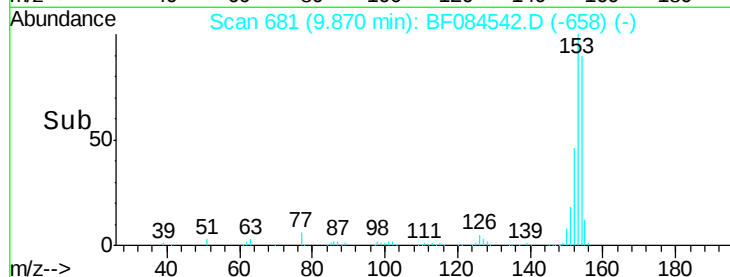
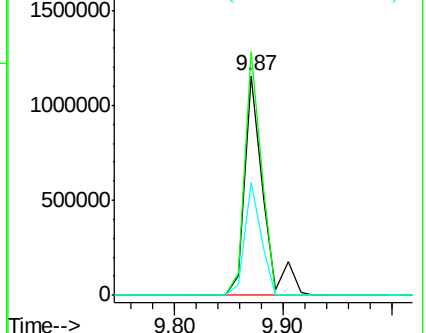
152 51.5 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.22 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

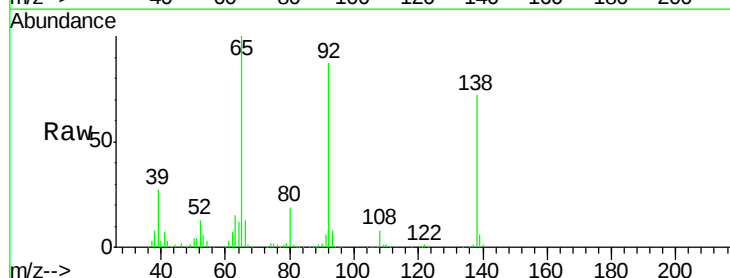
Tgt Ion:138 Resp: 426636

Ion Ratio Lower Upper

138 100

108 10.9 10.5 15.7

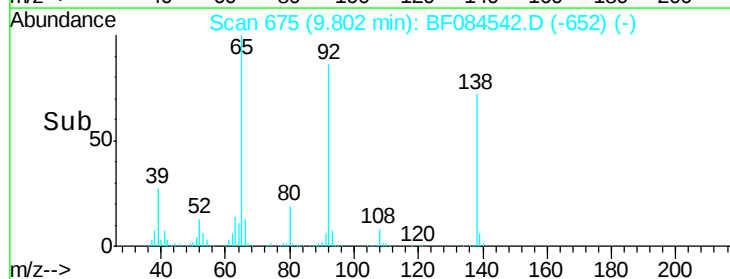
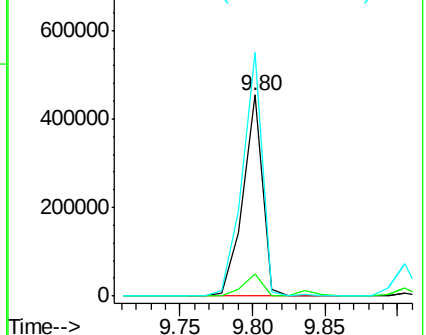
92 121.2 103.9 155.9

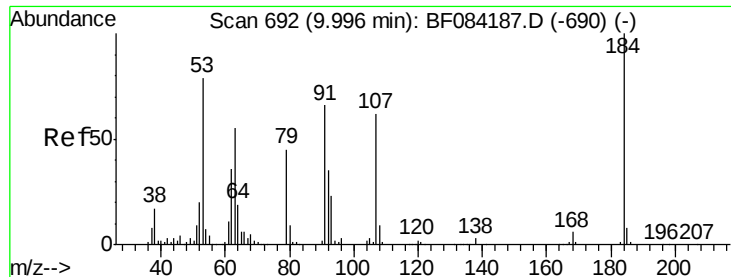


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

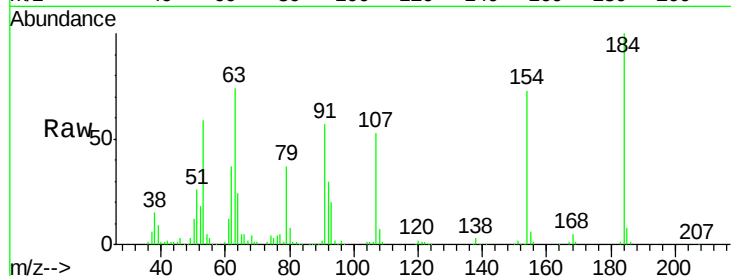




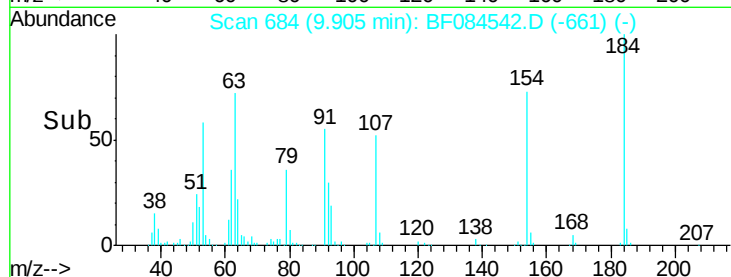
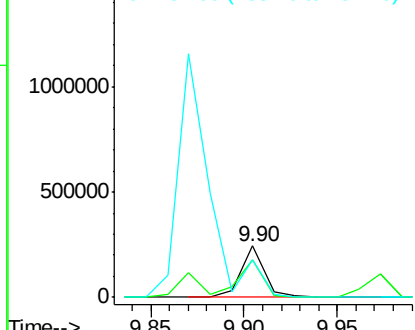
#53
2,4-Dinitrophenol
Concen: 60.74 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 212905
Ion Ratio Lower Upper
184 100
63 74.2 43.1 64.7#
154 73.0 60.5 90.7

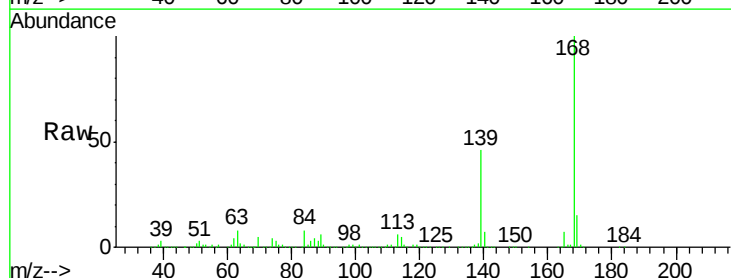


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

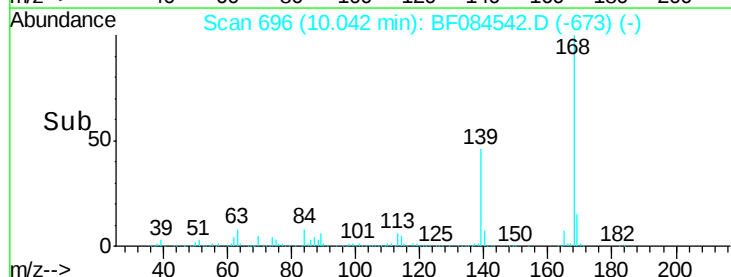
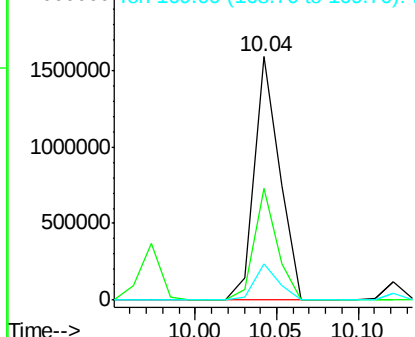


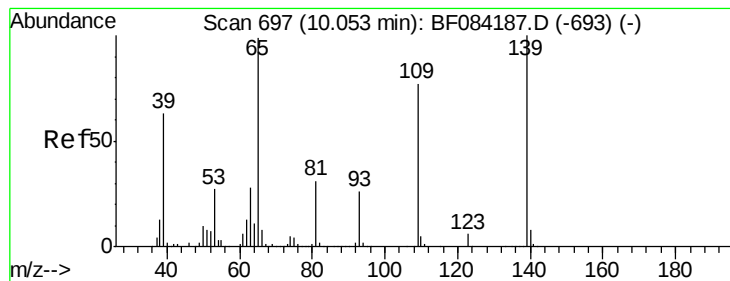
#54
Dibenzofuran
Concen: 39.57 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:168 Resp: 1704118
Ion Ratio Lower Upper
168 100
139 46.1 30.5 45.7#
169 14.7 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: 44.05 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

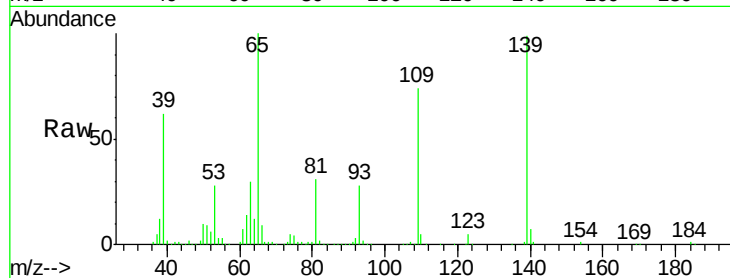
Tot Ion:139 Resp: 330915

Ion Ratio Lower Upper

139 100

109 74.3 58.5 98.5

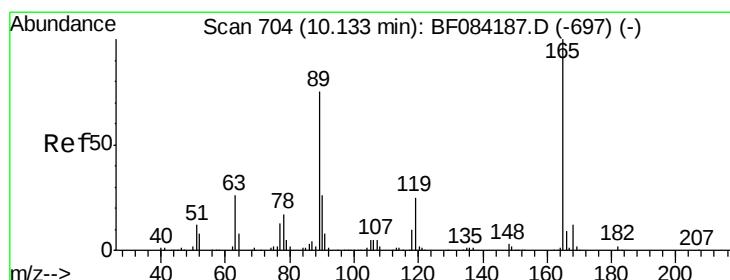
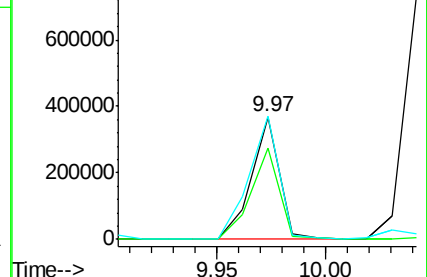
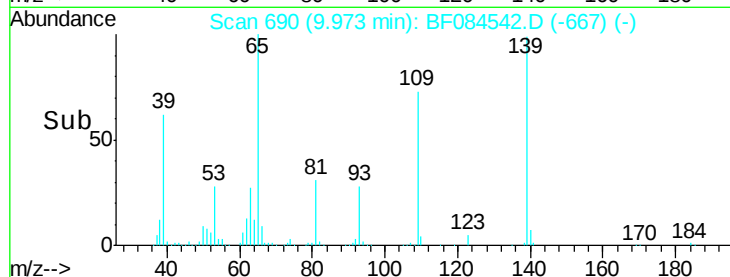
65 101.1 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.45 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Tgt Ion:165 Resp: 416999

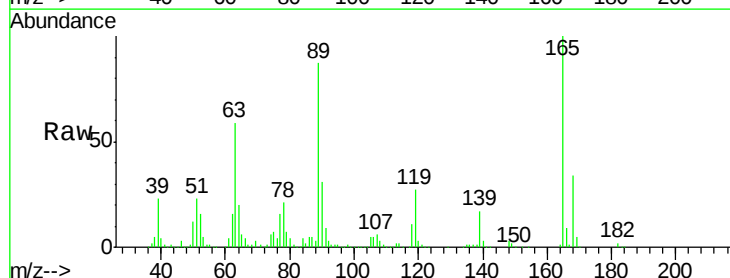
Ion Ratio Lower Upper

165 100

63 58.9 36.7 55.1#

89 87.0 61.9 92.9

182 2.0 2.0 3.0

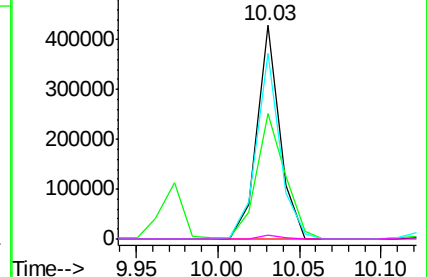
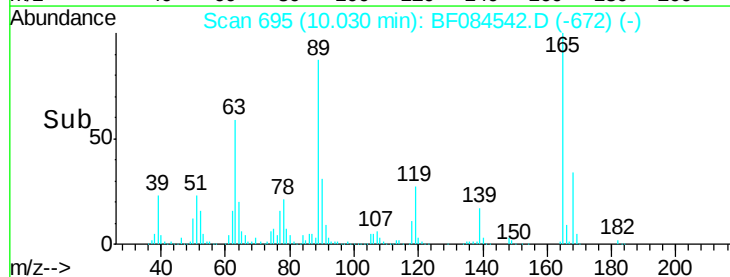


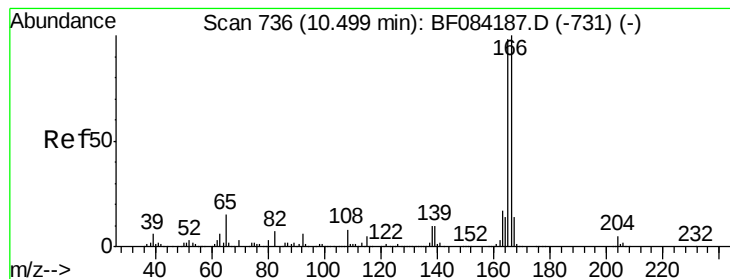
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.74 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

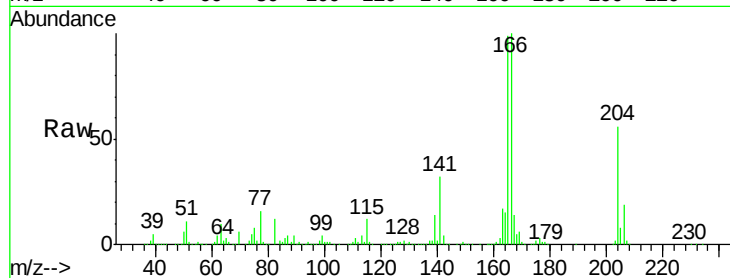
Tot Ion:166 Resp: 1227060

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

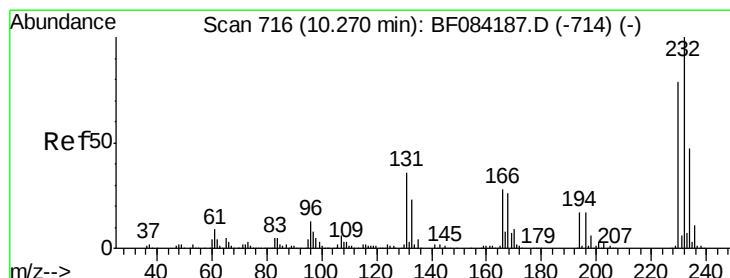
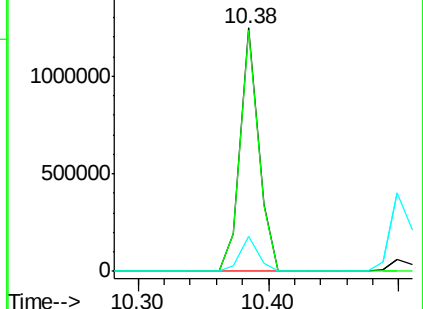
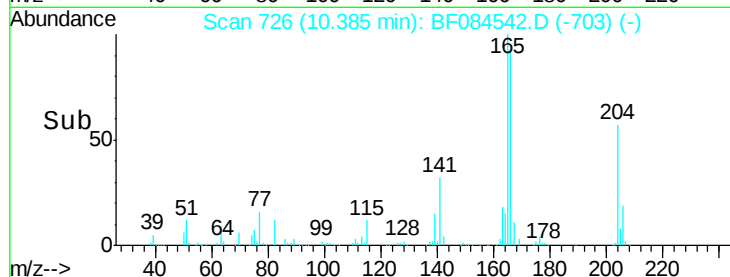
167 14.4 10.4 15.6



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: 42.48 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Tgt Ion:232 Resp: 398385

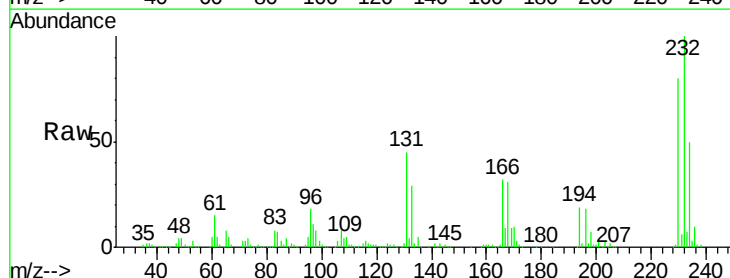
Ion Ratio Lower Upper

232 100

131 50.9 47.0 70.6

130 2.5 2.0 3.0

166 33.2 30.5 45.7

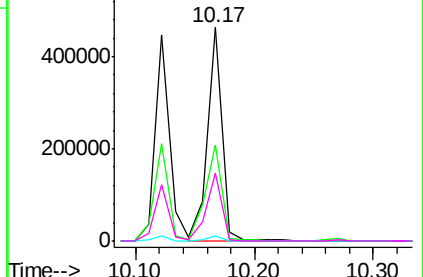
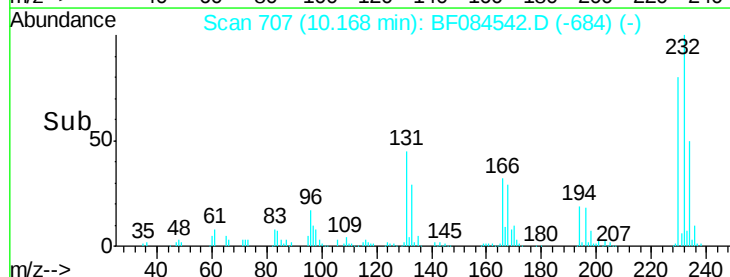


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.41 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

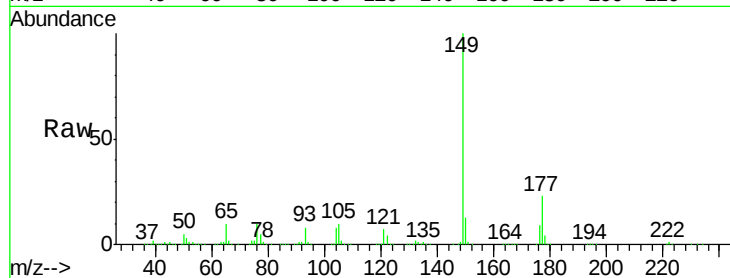
Tot Ion:149 Resp: 1592248

Ion Ratio Lower Upper

149 100

177 23.2 17.3 25.9

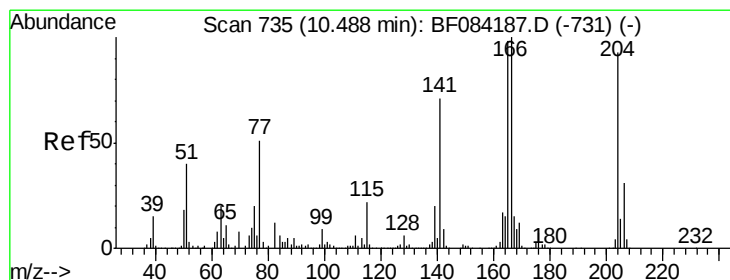
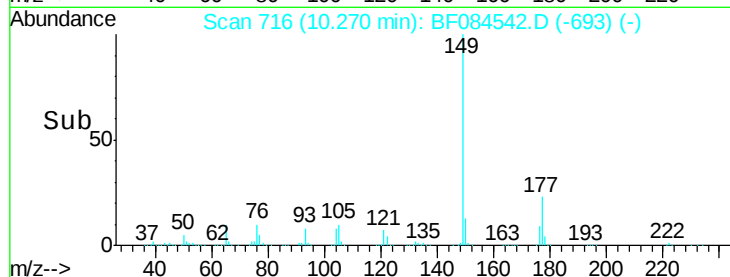
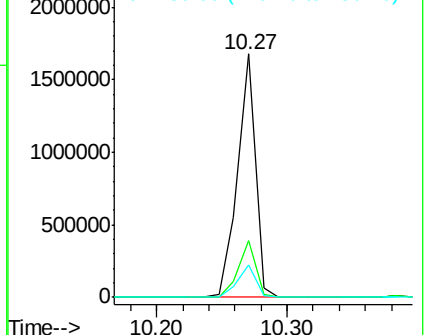
150 13.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.45 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

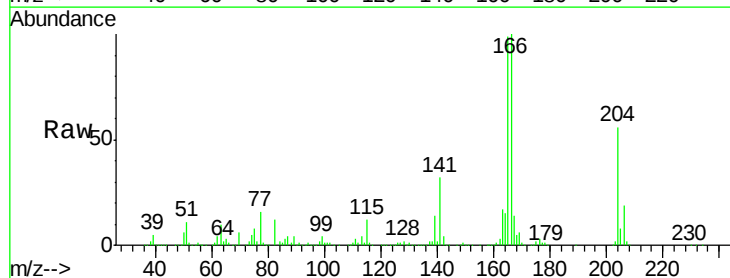
Tgt Ion:204 Resp: 689165

Ion Ratio Lower Upper

204 100

206 33.4 25.7 38.5

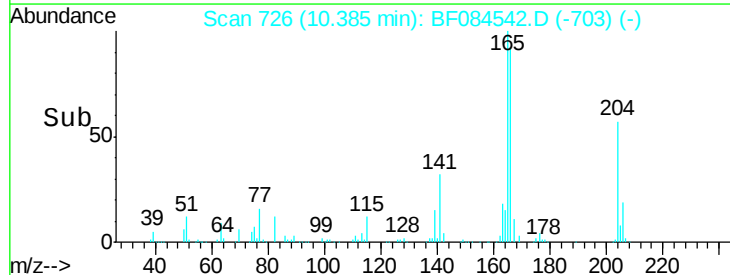
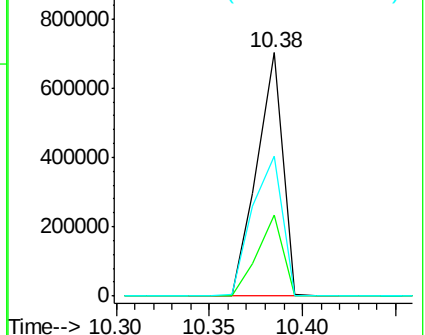
141 57.4 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

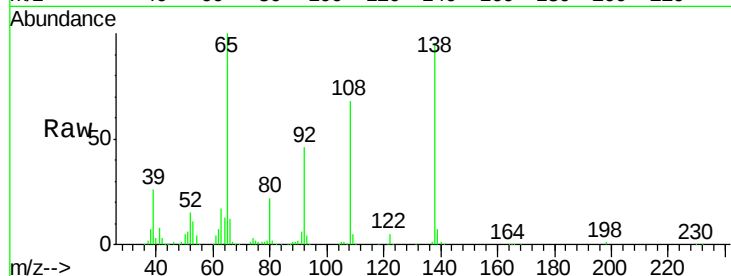




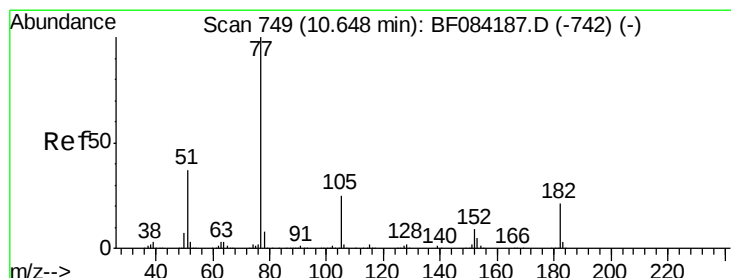
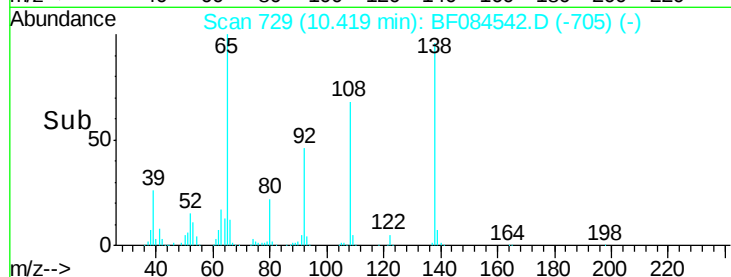
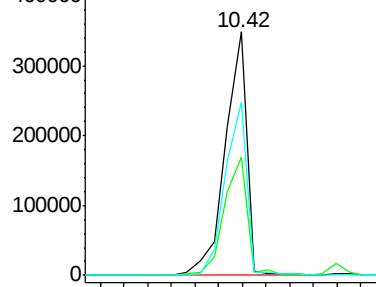
#61
4-Nitroaniline
Concen: 48.21 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 444774
Ion Ratio Lower Upper
138 100
92 48.4 32.6 72.6
108 71.3 68.6 108.6

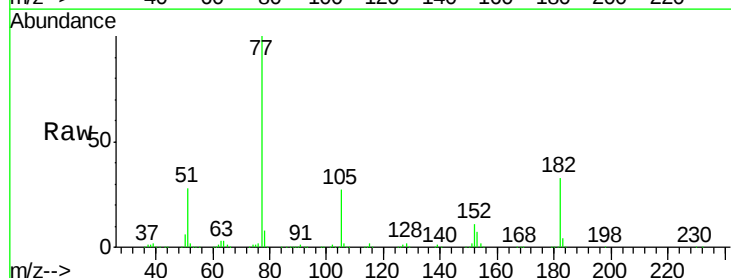


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

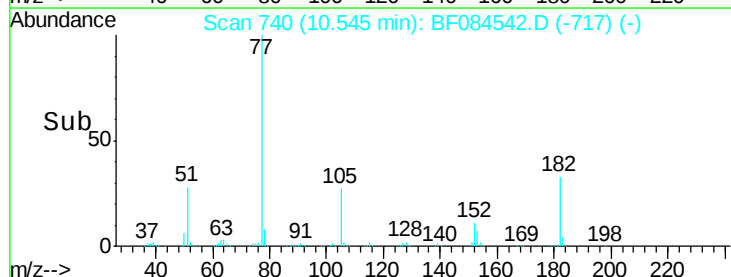
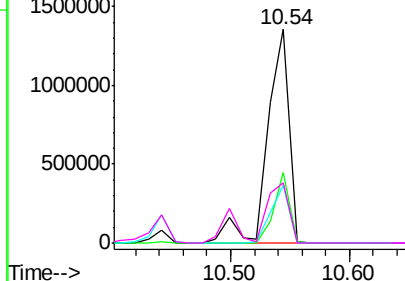


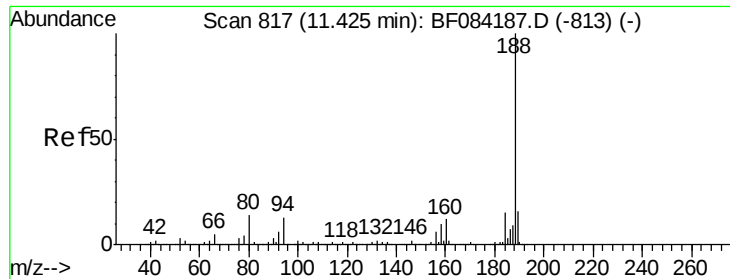
#62
Azobenzene
Concen: 41.51 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion: 77 Resp: 1709269
Ion Ratio Lower Upper
77 100
182 32.7 8.3 48.3
105 27.0 4.6 44.6
51 28.3 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

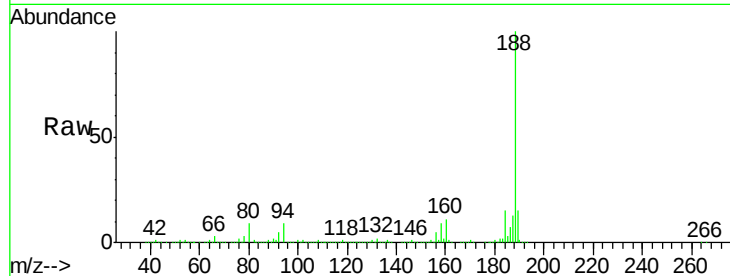




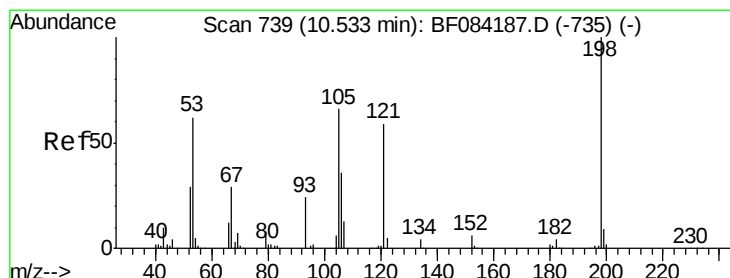
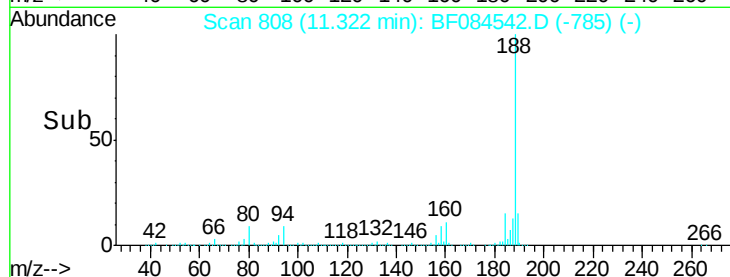
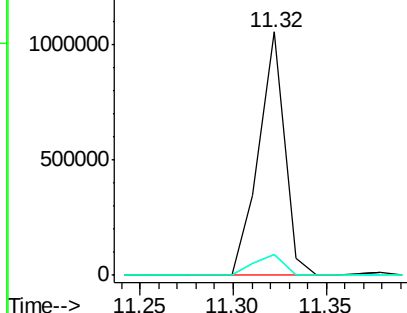
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 1013305
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.8 9.6 14.4#

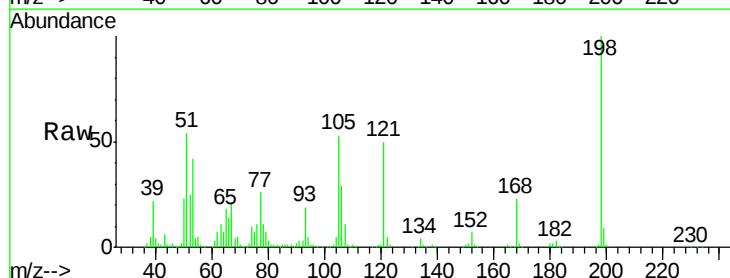


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

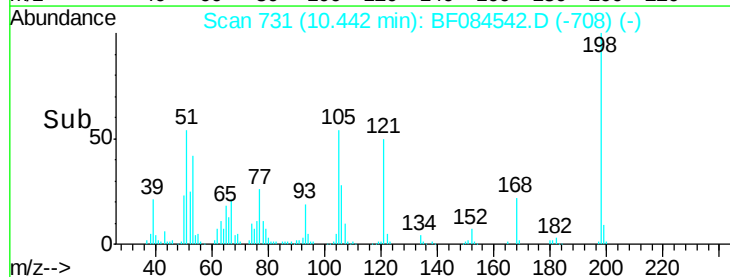
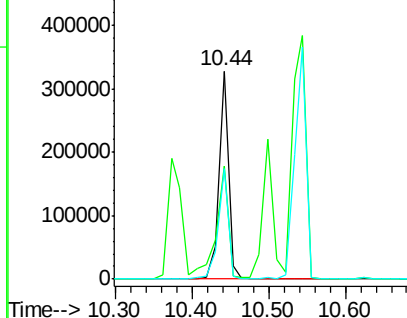


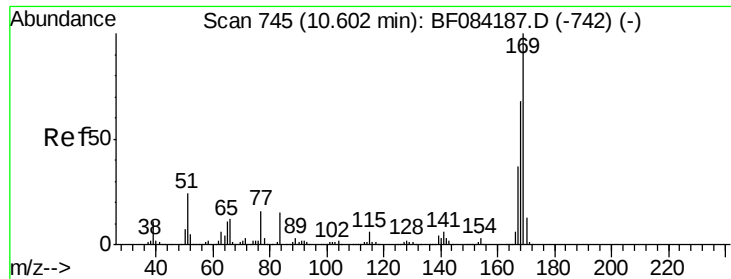
#64
4,6-Dinitro-2-methylphenol
Concen: 45.72 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:198 Resp: 281670
Ion Ratio Lower Upper
198 100
51 54.5 18.9 58.9
105 53.4 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

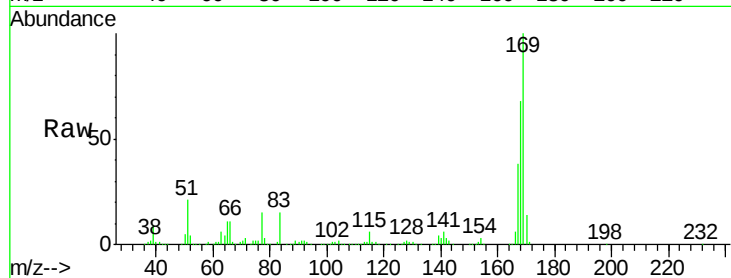




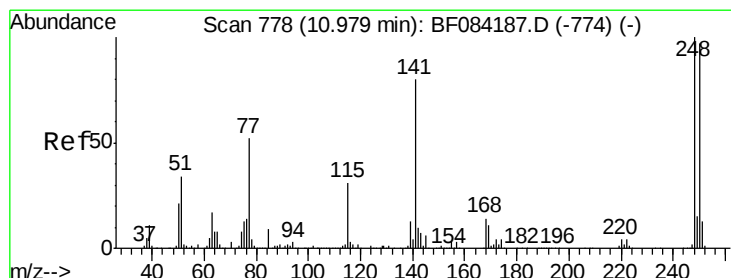
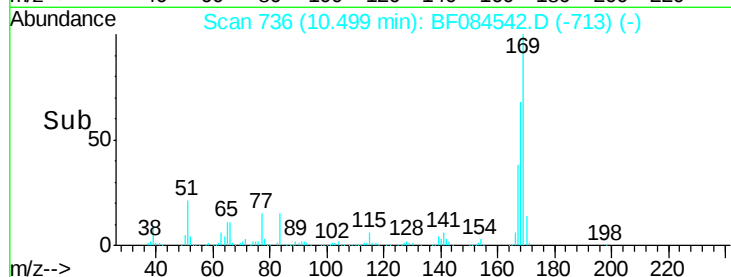
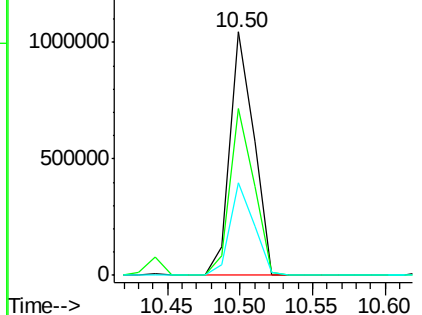
#65
n-Nitrosodiphenylamine
Concen: 37.00 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 1198734
Ion Ratio Lower Upper
169 100
168 68.3 55.1 82.7
167 38.3 30.0 45.0

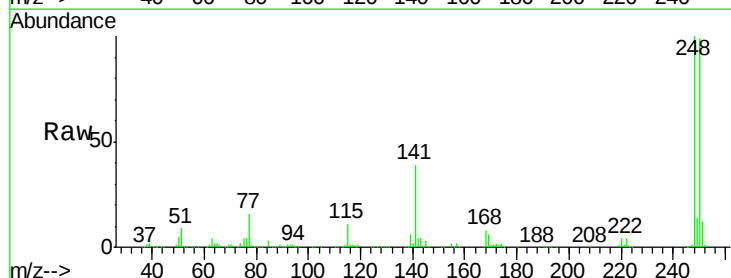


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

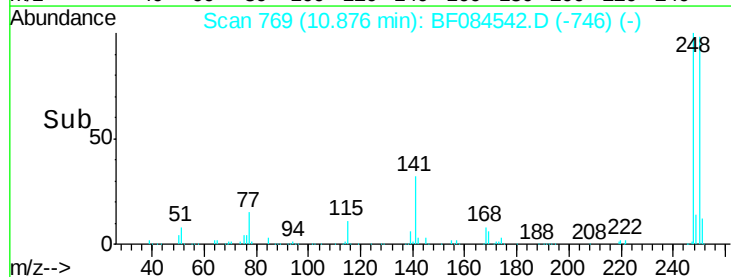
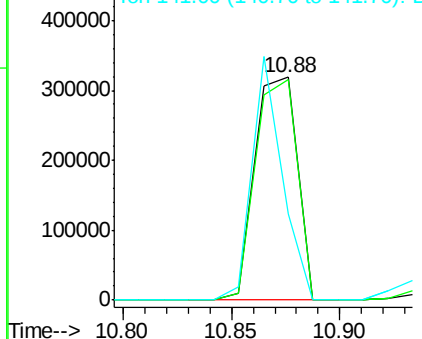


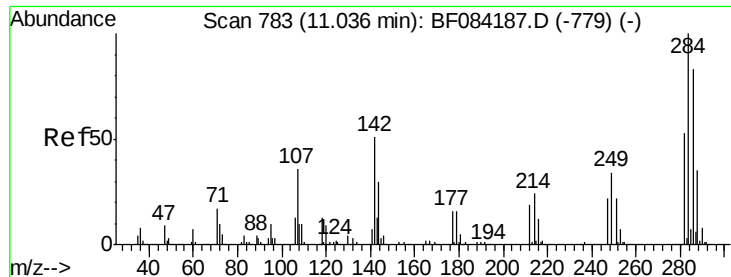
#66
4-Bromophenyl-phenylether
Concen: 39.97 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:248 Resp: 435892
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 38.8 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

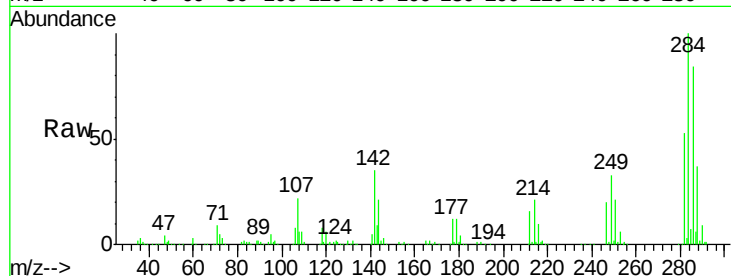




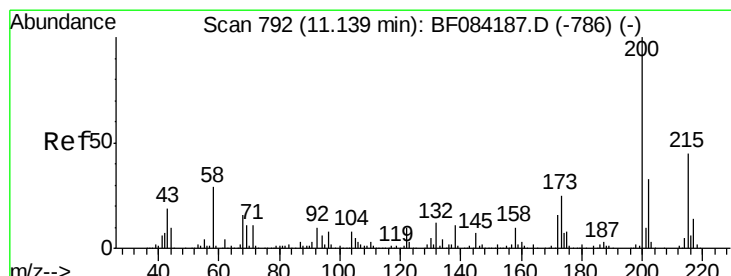
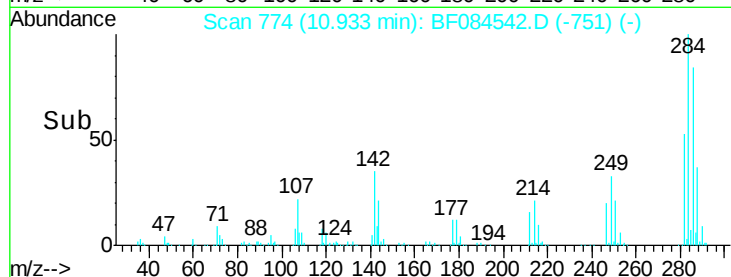
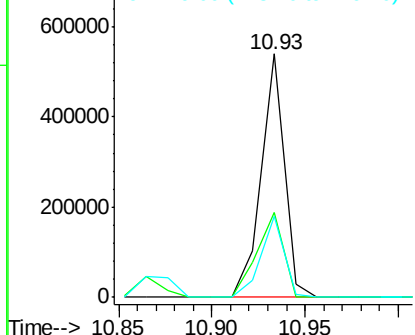
#67
Hexachlorobenzene
Concen: 37.61 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 461633
Ion Ratio Lower Upper
284 100
142 35.1 22.2 33.4#
249 33.2 24.6 37.0

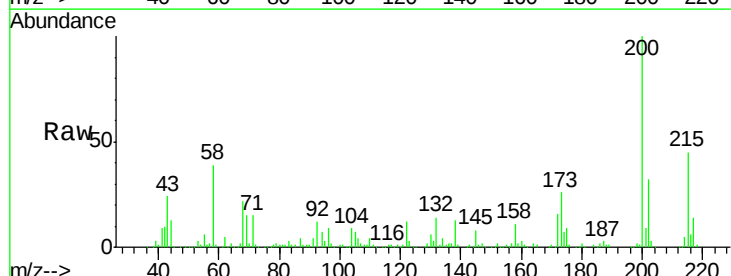


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

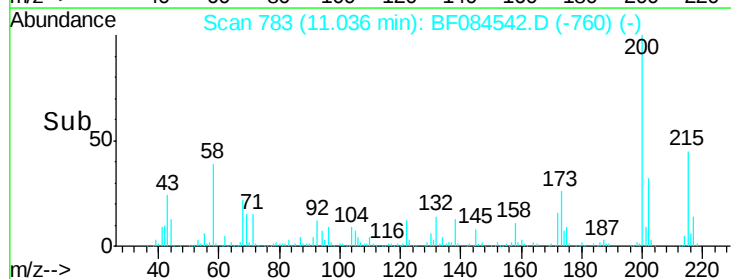
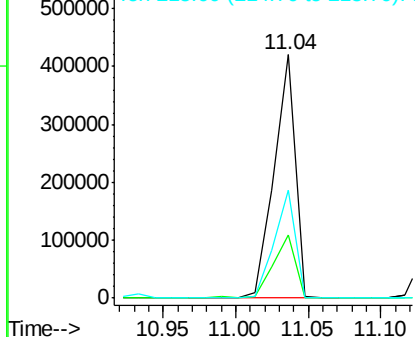


#68
Atrazine
Concen: 40.10 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.03 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:200 Resp: 425159
Ion Ratio Lower Upper
200 100
173 26.1 9.5 49.5
215 44.6 23.8 63.8



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

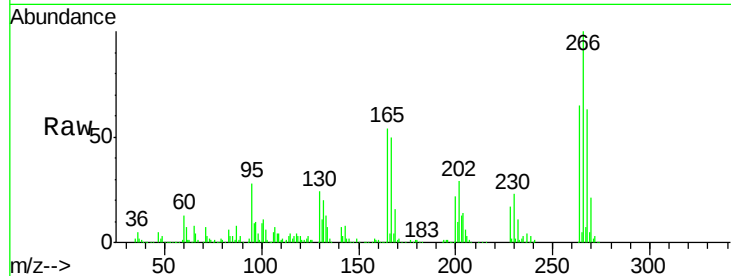




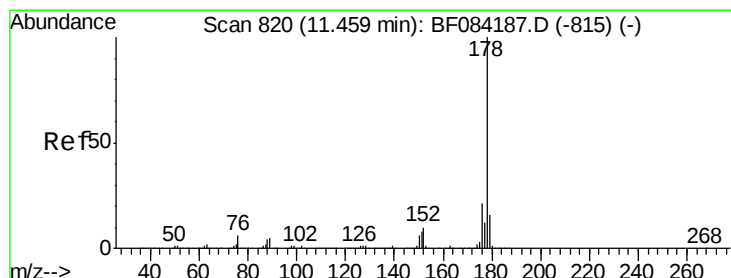
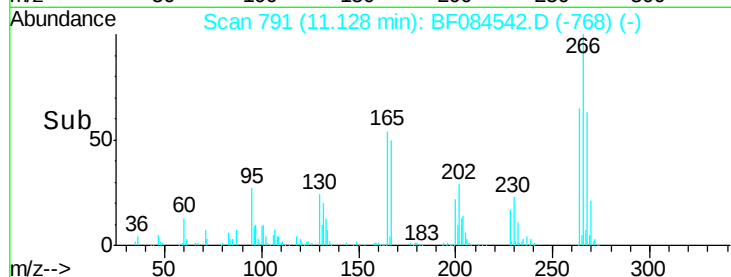
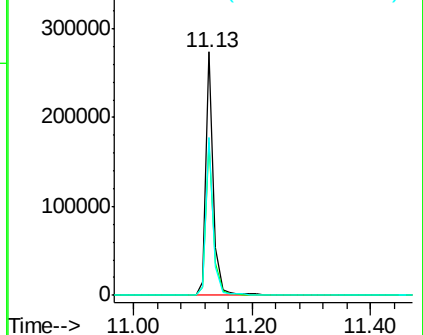
#69
 Pentachlorophenol
 Concen: 39.55 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 251738
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.4 78.6
 264 64.6 50.2 75.2

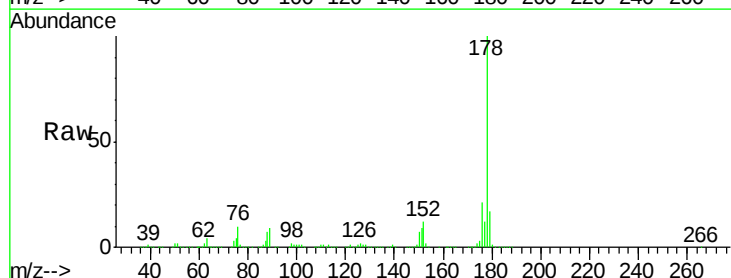


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

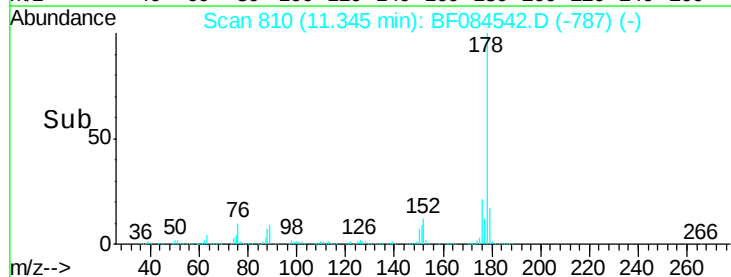
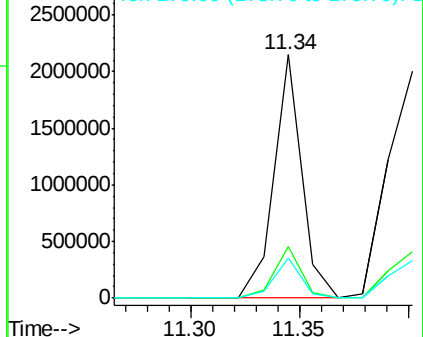


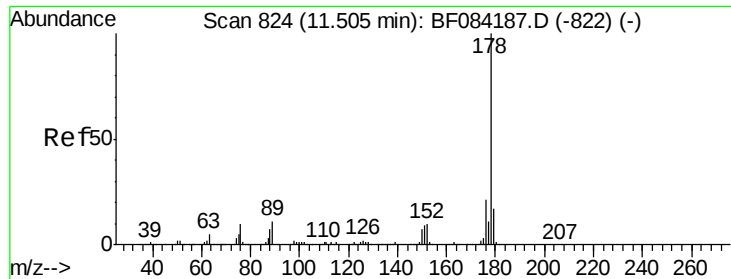
#70
 Phenanthrene
 Concen: 36.44 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:178 Resp: 1931667
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.3 22.9
 179 16.7 12.0 18.0



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

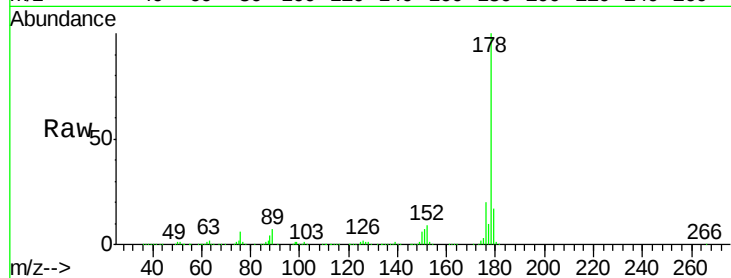




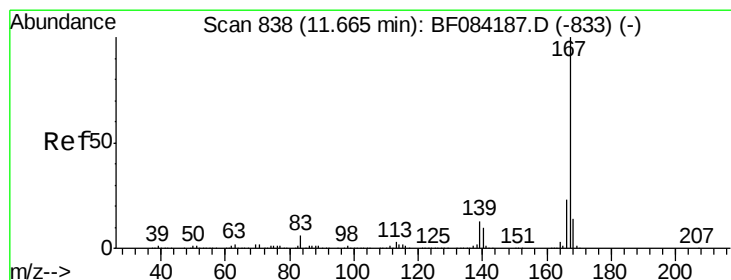
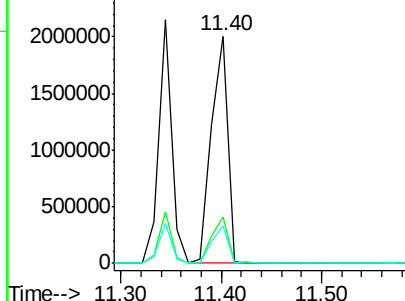
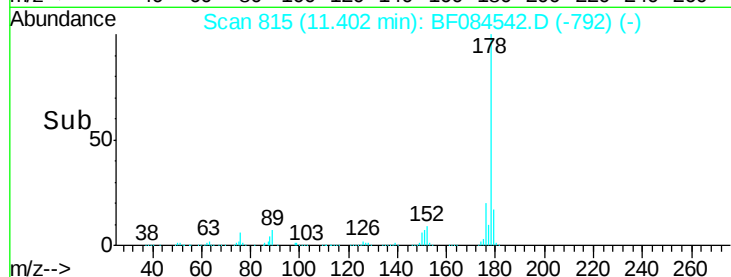
#71
 Anthracene
 Concen: 43.59 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 2265068
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.0
 179 16.7 12.5 18.7

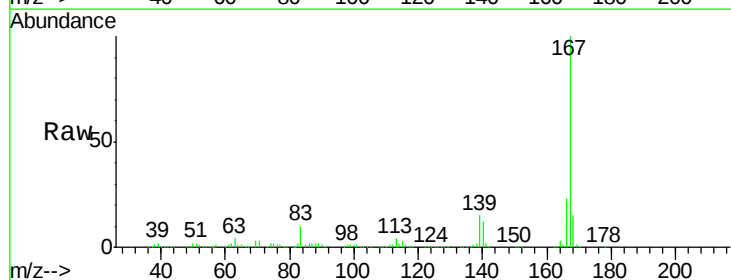


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

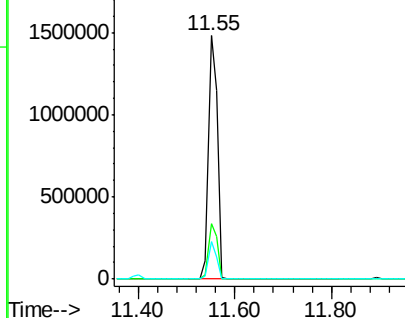
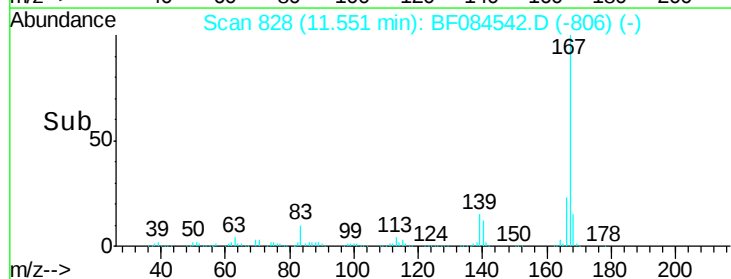


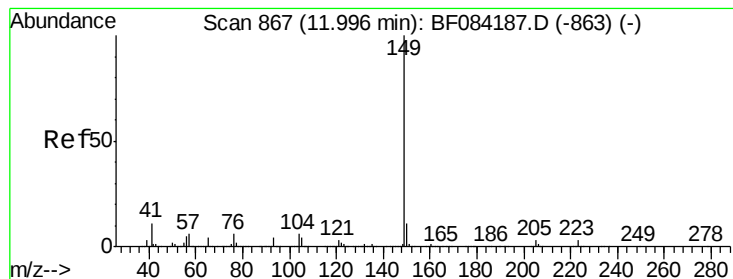
#72
 Carbazole
 Concen: 37.46 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:167 Resp: 1902806
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 15.3 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: 45.23 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

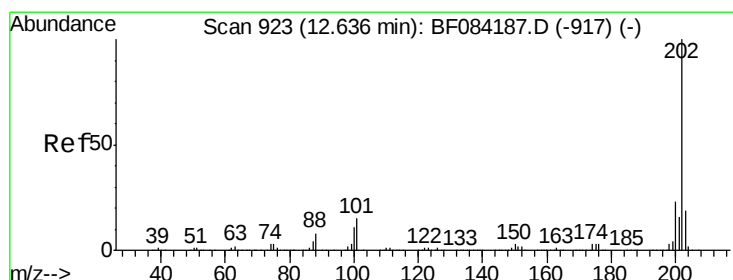
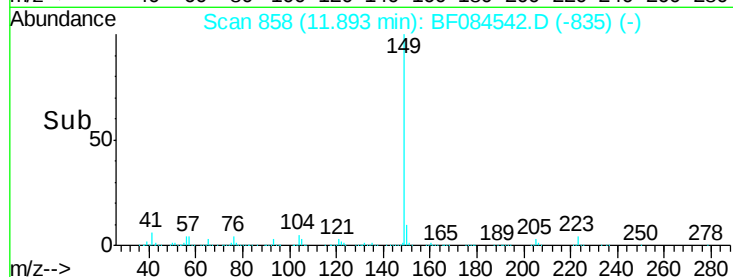
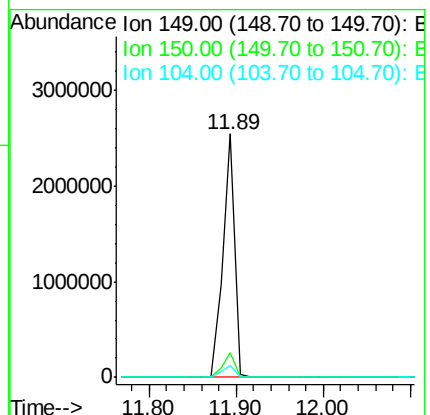
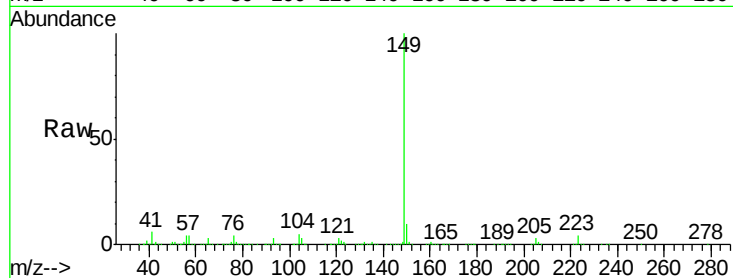
Tot Ion:149 Resp: 2438693

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

104 5.1 3.2 4.8#



#74

Fluoranthene

Concen: 40.09 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

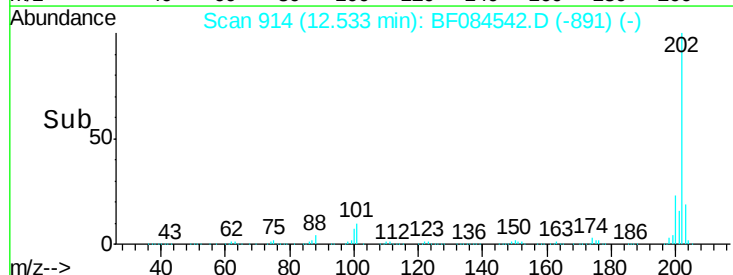
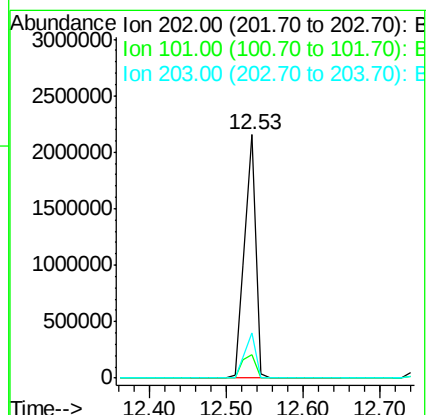
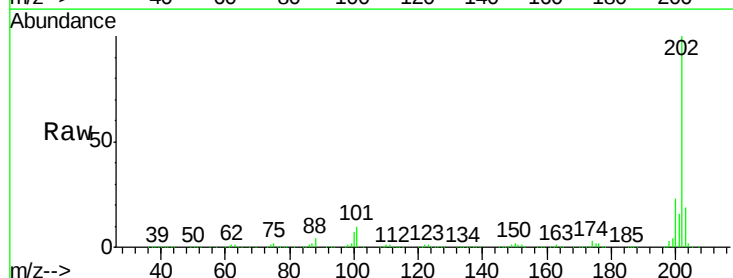
Tgt Ion:202 Resp: 2219616

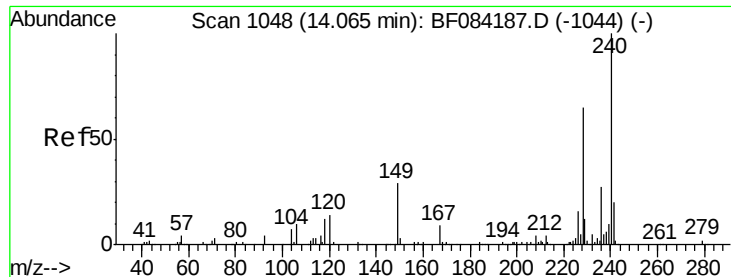
Ion Ratio Lower Upper

202 100

101 9.6 0.0 32.8

203 18.8 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: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

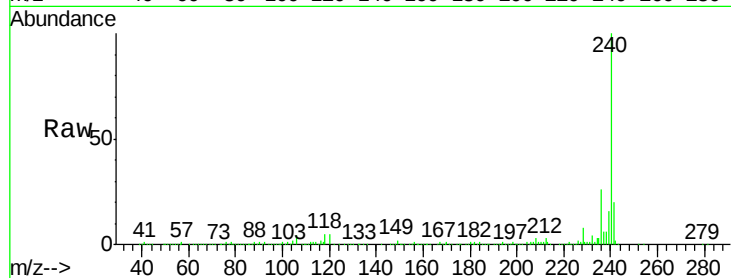
Tot Ion:240 Resp: 536456

Ion Ratio Lower Upper

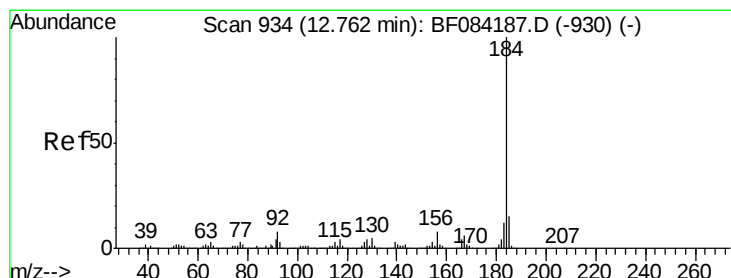
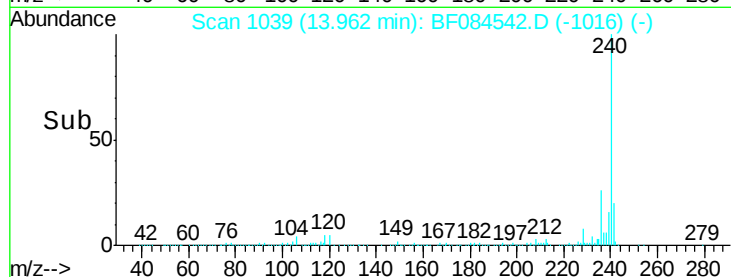
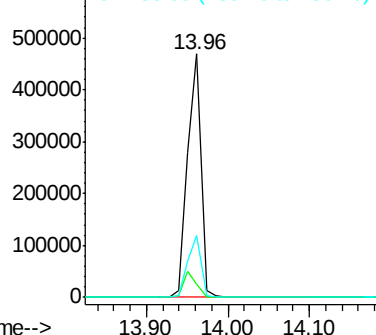
240 100

120 5.4 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: 49.43 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

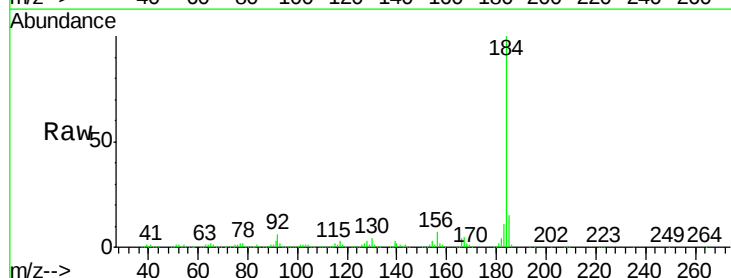
Tgt Ion:184 Resp: 950746

Ion Ratio Lower Upper

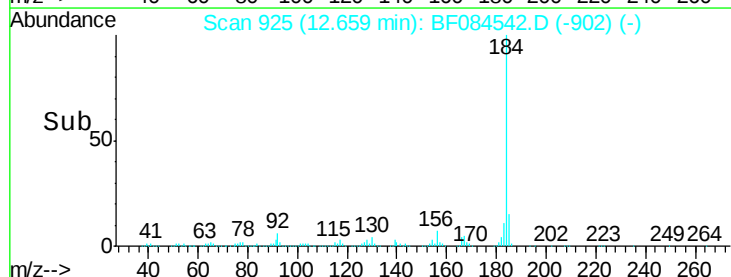
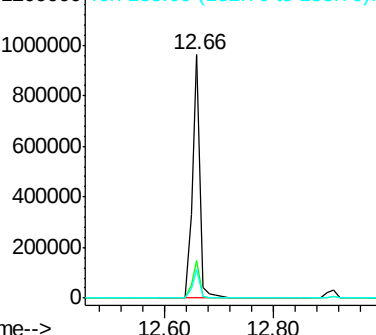
184 100

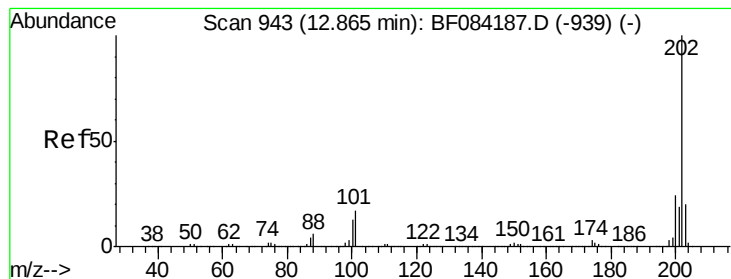
185 15.3 12.2 18.2

183 11.5 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: 53.57 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

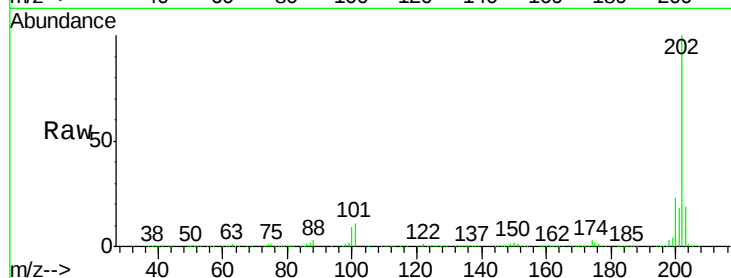
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 2255236

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.2	25.8
203	18.7	14.3	21.5

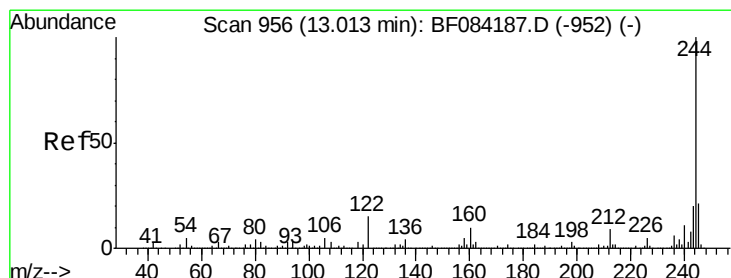
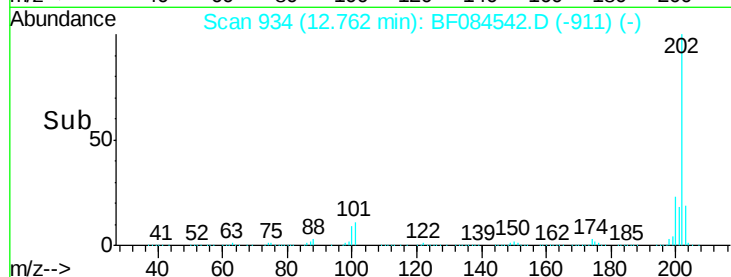
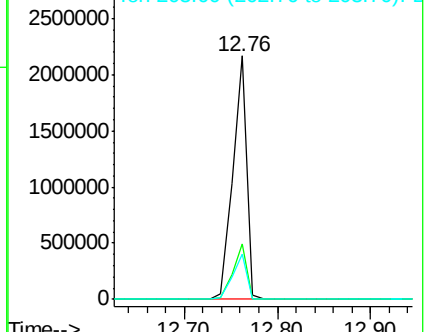


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.79 ng

RT: 12.91 min Scan# 947

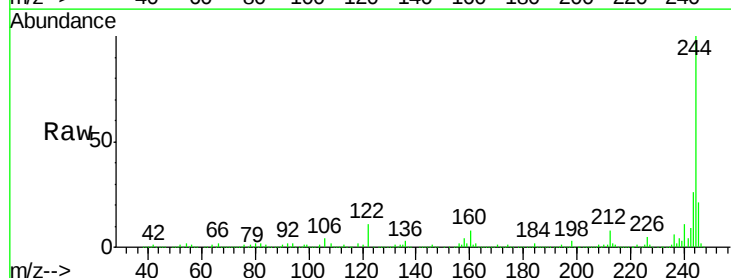
Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Tgt Ion:244 Resp: 2446263

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	10.7	7.4	11.0

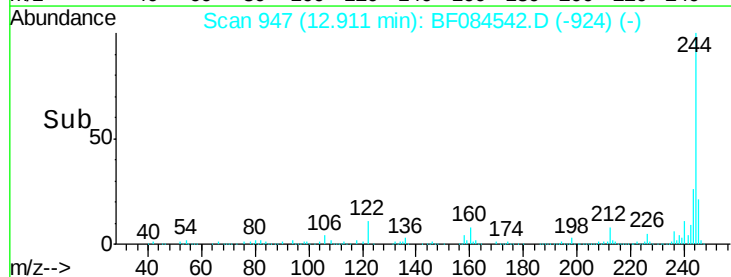
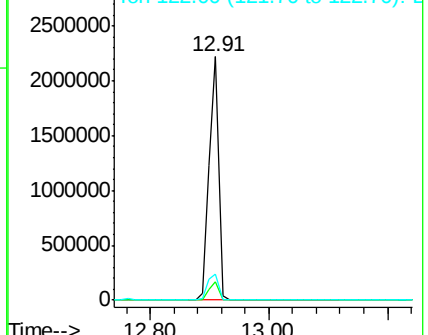


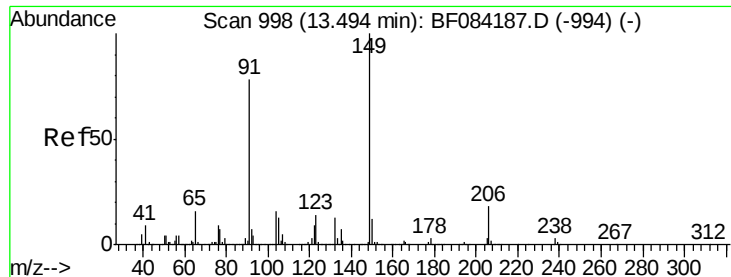
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.99 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

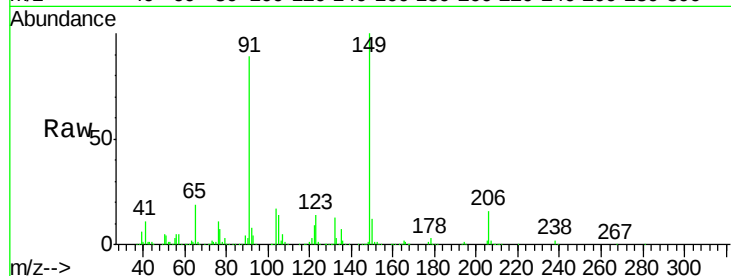
Tot Ion:149 Resp: 783083

Ion Ratio Lower Upper

149 100

91 88.7 57.6 86.4#

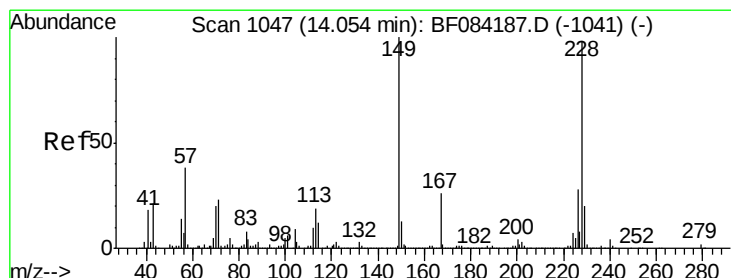
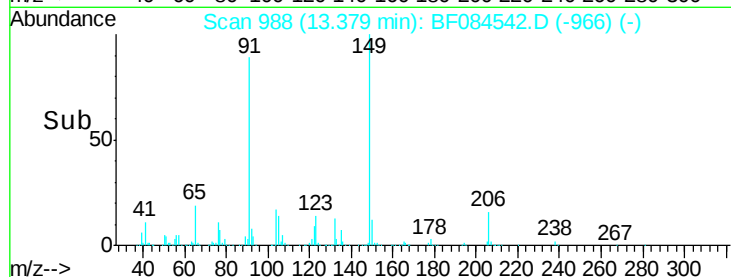
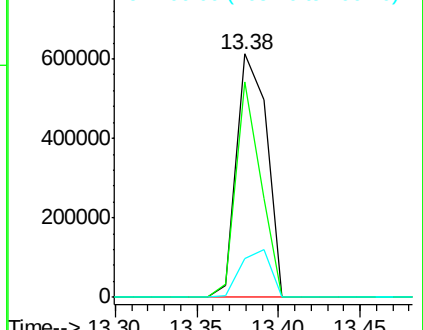
206 16.0 13.2 19.8



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: 42.34 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

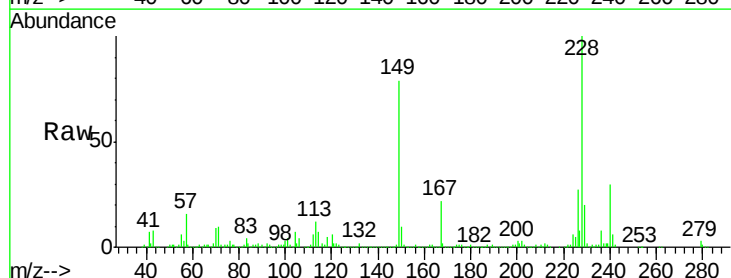
Tgt Ion:228 Resp: 1333561

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

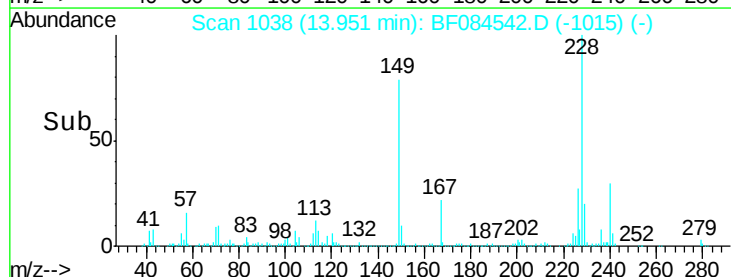
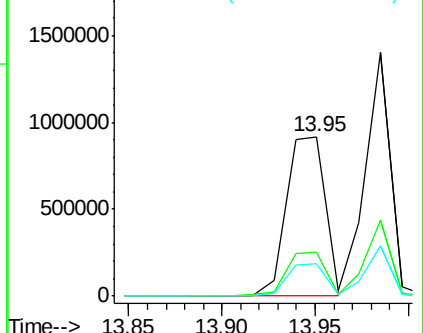
229 20.2 15.8 23.8



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

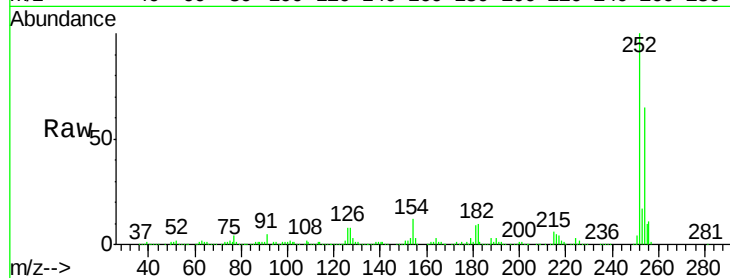




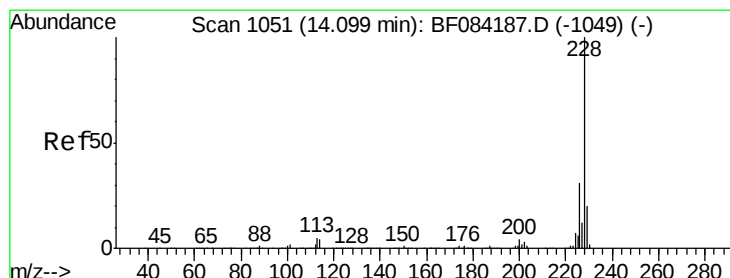
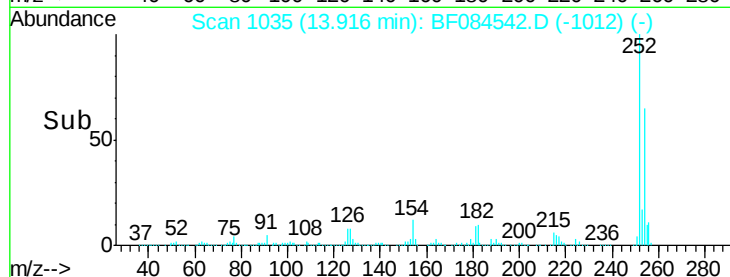
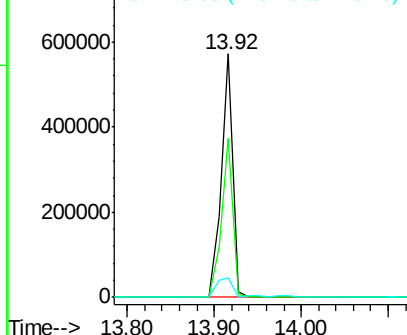
#81
 3,3'-Dichlorobenzidine
 Concen: 48.86 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 537163
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.5 80.3
 126 8.3 4.9 7.3#

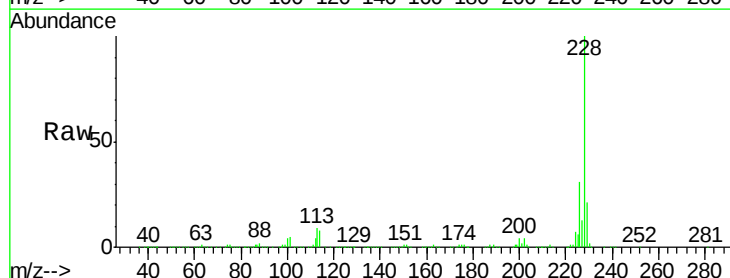


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

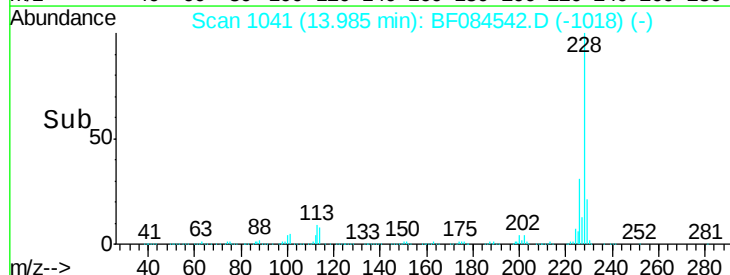
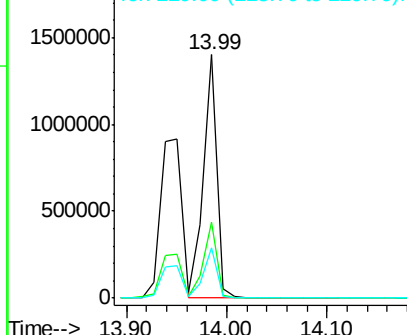


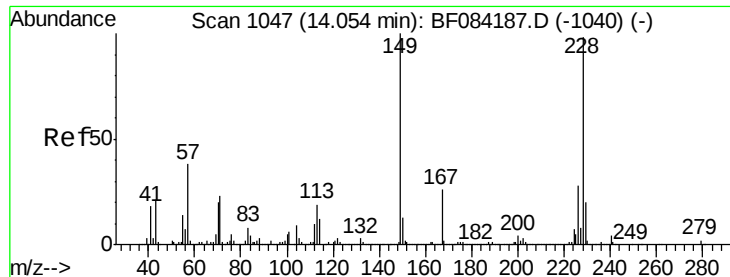
#82
 Chrysene
 Concen: 42.99 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:228 Resp: 1301395
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.41 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

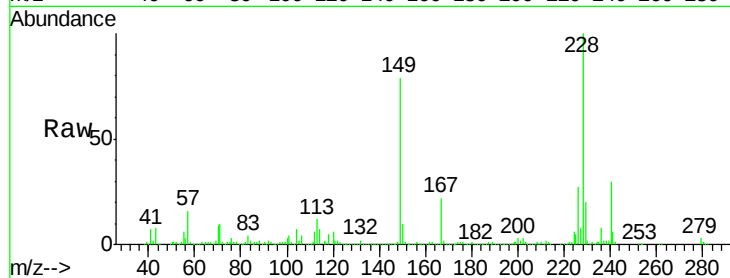
Tot Ion:149 Resp: 953120

Ion Ratio Lower Upper

149 100

167 27.4 19.7 29.5

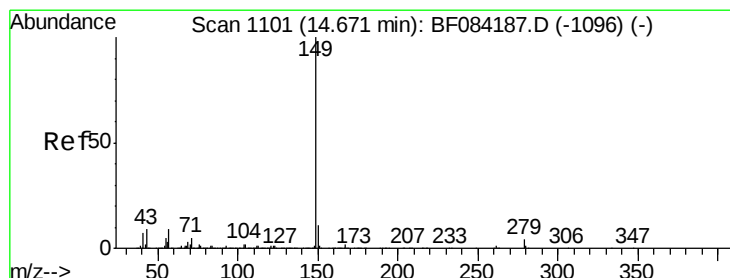
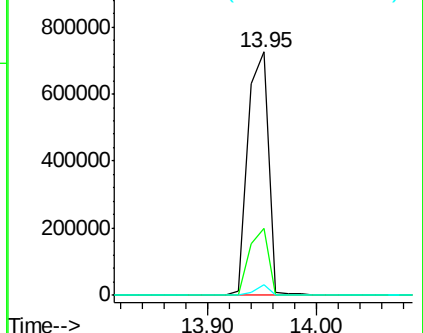
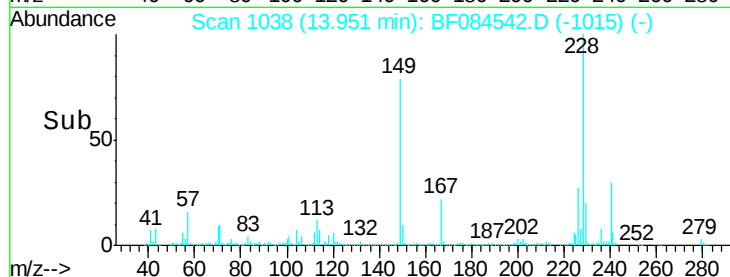
279 4.4 1.8 2.6#



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: 37.68 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

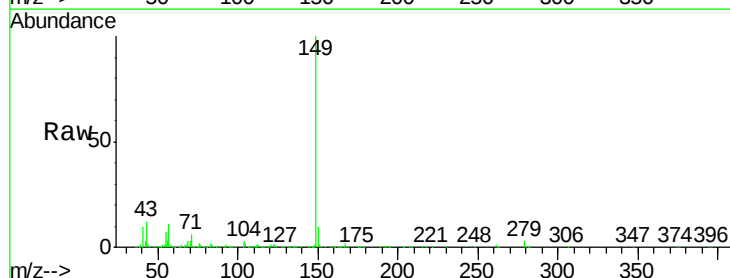
Tgt Ion:149 Resp: 1463900

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

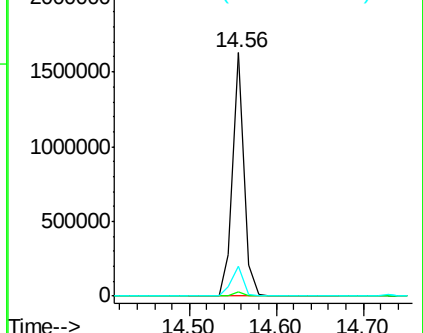
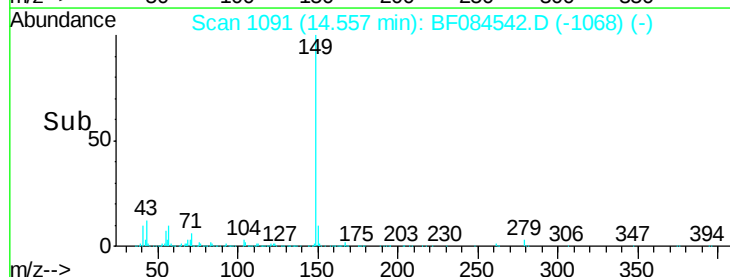
43 12.9 5.6 8.4#

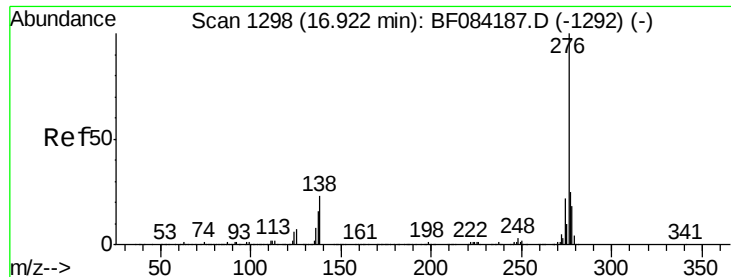


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

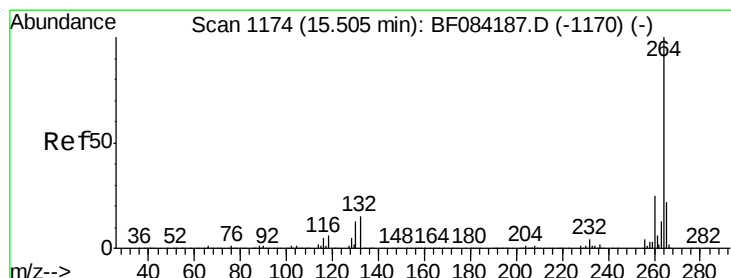
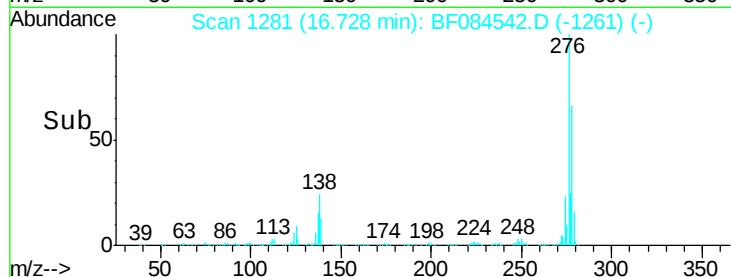
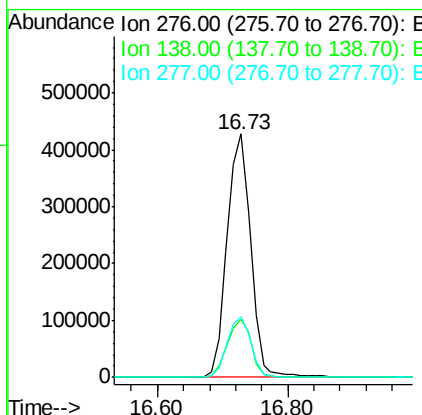
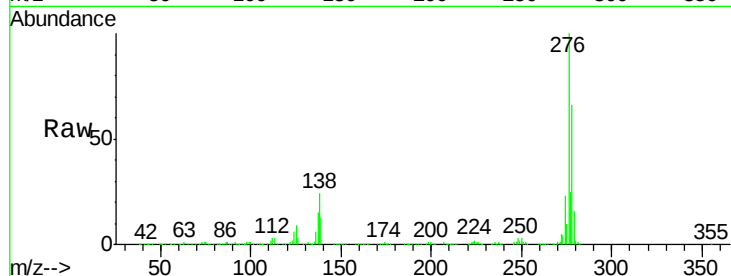




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.59 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.07 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

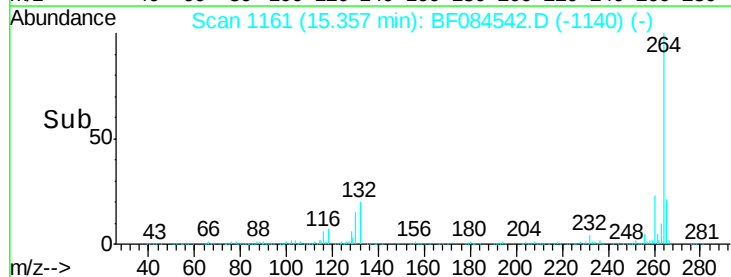
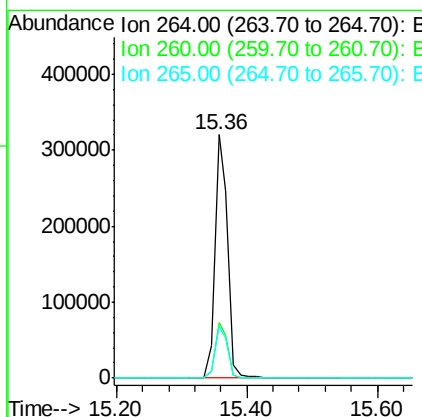
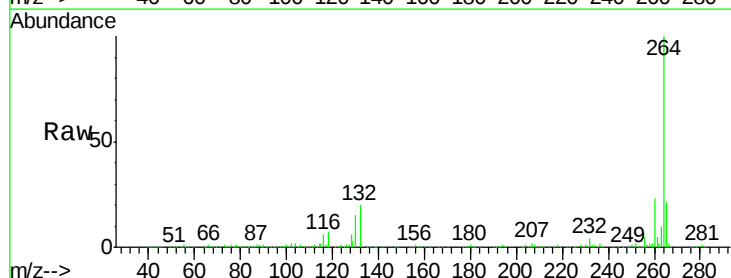
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

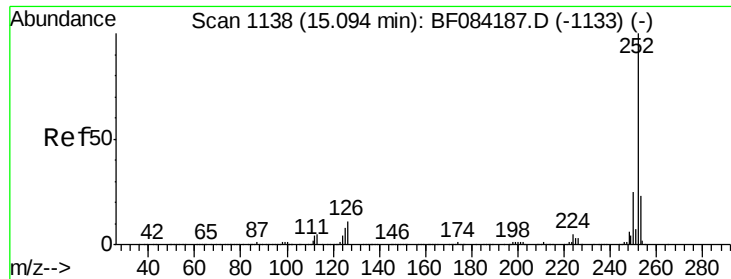
Tot Ion:276 Resp: 1069777
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084542.D
 Acq: 18 Jan 2016 18:20

Tgt Ion:264 Resp: 439598
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 21.2 17.8 26.6

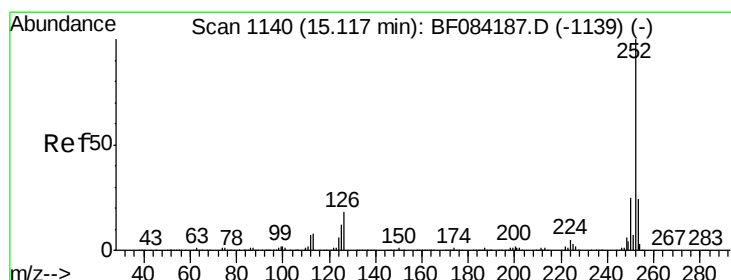
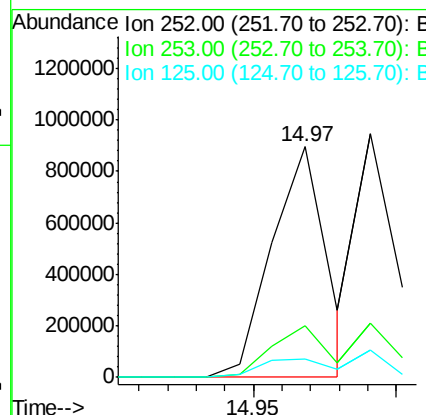
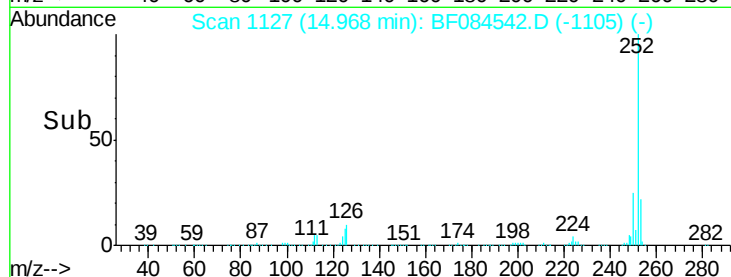
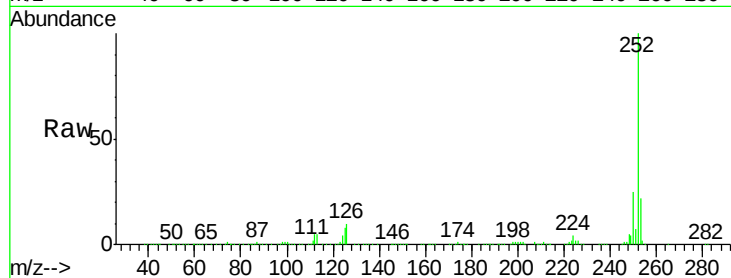




#87
Benzo(b)fluoranthene
Concen: 41.37 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

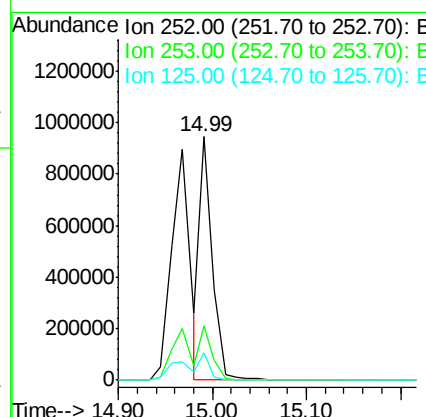
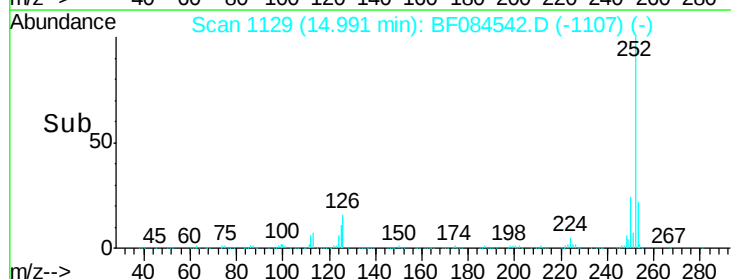
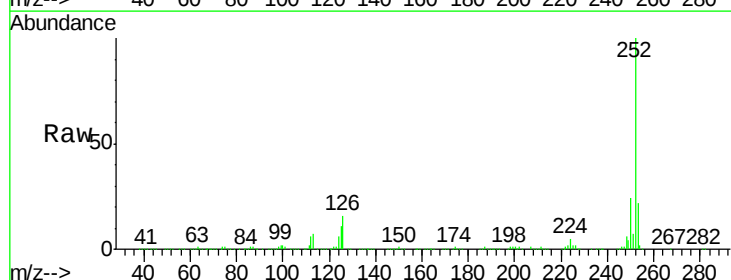
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

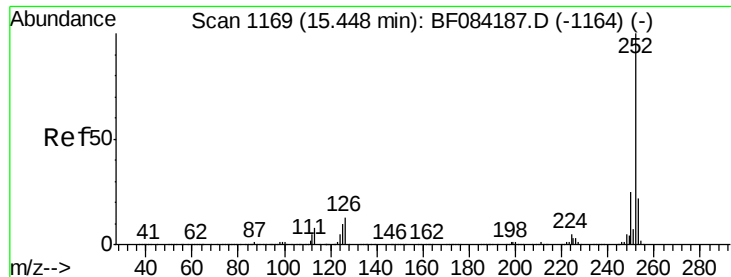
Tot Ion:252 Resp: 1189507
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.8 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 39.65 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:252 Resp: 932589
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.1 9.0 13.6

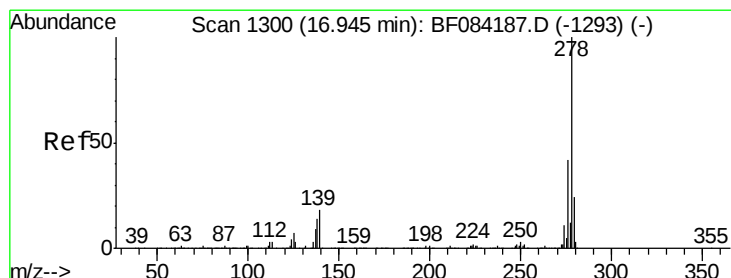
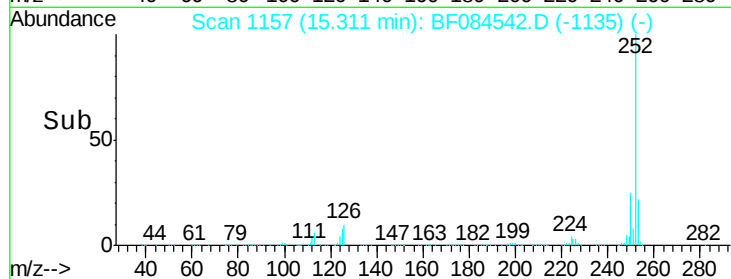
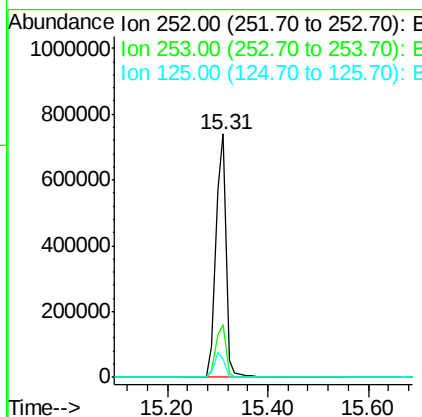
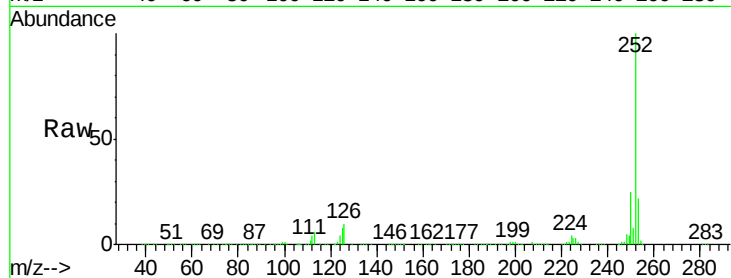




#89
Benzo(a)pyrene
Concen: 42.08 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

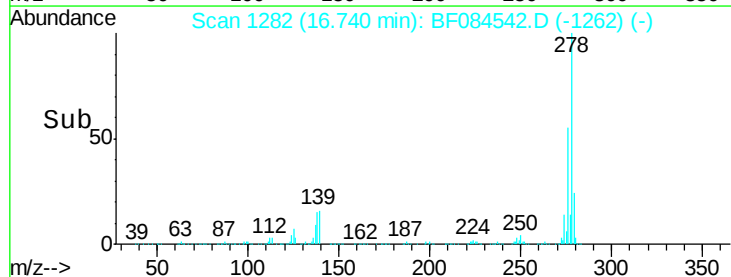
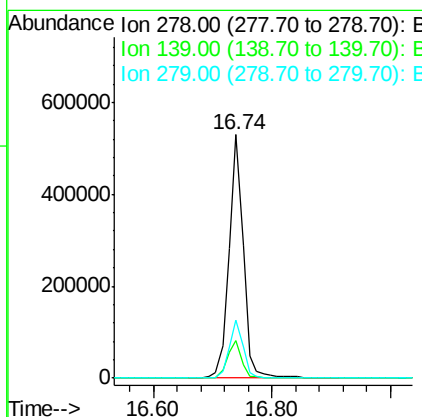
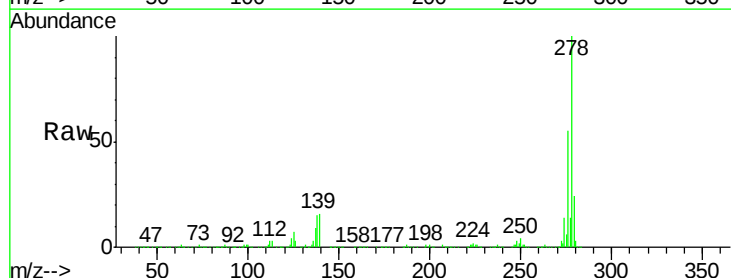
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

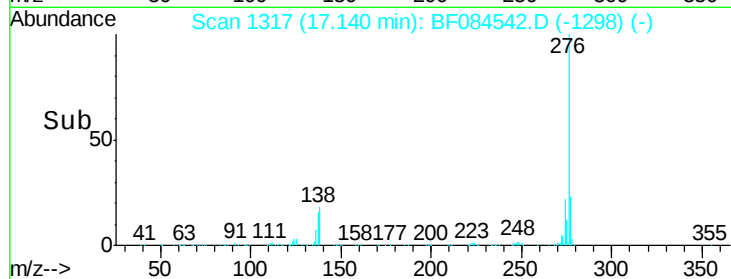
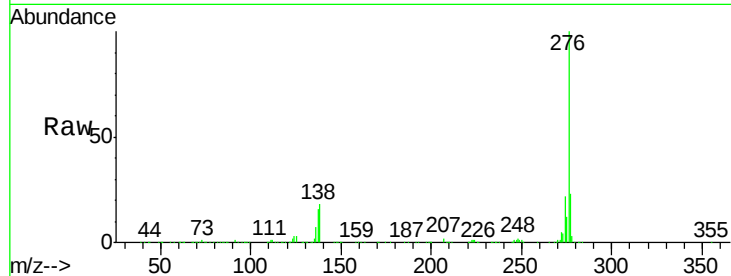
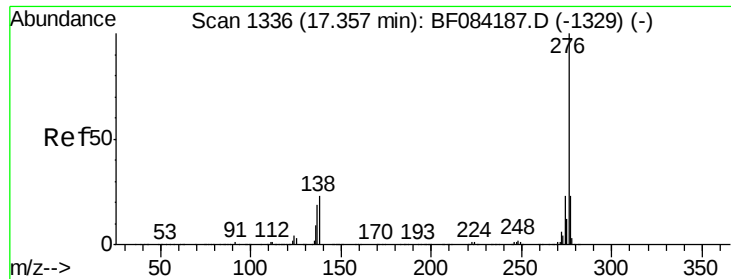
Tot Ion:252 Resp: 1026420
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.6 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 42.02 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BF084542.D
Acq: 18 Jan 2016 18:20

Tgt Ion:278 Resp: 881852
Ion Ratio Lower Upper
278 100
139 15.7 15.0 22.4
279 23.8 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 42.58 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.08 min

Lab File: BF084542.D

Acq: 18 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 925395

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 18.1 17.8 26.6

