

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080887.D
 Acq On : 6 Aug 2015 13:04
 Operator : TP/UM
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:42:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 01:34:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50511	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	217080	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	100610	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	206710	20.00	ng	0.00
75) Chrysene-d12	13.96	240	187060	20.00	ng	0.00
86) Perylene-d12	15.36	264	177403	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	333466	105.24	ng	0.00
7) Phenol-d6	6.44	99	425335	97.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	421090	91.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	103012	95.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	626882	88.81	ng	0.00
78) Terphenyl-d14	12.91	244	756633	85.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	78588	51.20	ng	98
3) Pyridine	3.04	79	239696	55.36	ng	98
4) n-Nitrosodimethylamine	2.98	42	120920	54.15	ng	99
6) Aniline	6.48	93	337192	52.12	ng	91
8) 2-Chlorophenol	6.59	128	180303	50.12	ng	96
9) Benzaldehyde	6.35	77	148470	49.41	ng	100
10) Phenol	6.45	94	238134	45.50	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	178170	48.08	ng	98
12) 1,3-Dichlorobenzene	6.75	146	204151	52.31	ng	99
13) 1,4-Dichlorobenzene	6.83	146	211211	53.15	ng	99
14) 1,2-Dichlorobenzene	6.98	146	172975	47.48	ng	97
15) Benzyl Alcohol	6.96	79	177999	51.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	373359	49.09	ng	99
17) 2-Methylphenol	7.07	107	165571	51.35	ng	99
18) Hexachloroethane	7.32	117	75318	49.91	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	145263	46.77	ng	96
20) 3+4-Methylphenols	7.23	107	208655	53.39	ng	95
22) Acetophenone	7.23	105	270236	49.78	ng	# 82
24) Nitrobenzene	7.40	77	250406	53.32	ng	# 84
25) Isophorone	7.64	82	434315	49.17	ng	97
26) 2-Nitrophenol	7.71	139	91705	46.53	ng	95
27) 2,4-Dimethylphenol	7.76	122	191724	50.70	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	238314	45.52	ng	100
29) 2,4-Dichlorophenol	7.95	162	144370	47.89	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	168000	50.26	ng	99
31) Naphthalene	8.12	128	595238	50.53	ng	99
32) Benzoic acid	7.88	122	129030	53.65	ng	99
33) 4-Chloroaniline	8.17	127	225305	46.27	ng	98
34) Hexachlorobutadiene	8.24	225	89145	46.88	ng	98
35) Caprolactam	8.56	113	61889	55.00	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	175433	48.31	ng	97
37) 2-Methylnaphthalene	8.81	142	333775	45.96	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	163027	53.19	ng	99
40) Hexachlorocyclopentadiene	8.97	237	98226	55.86	ng	99

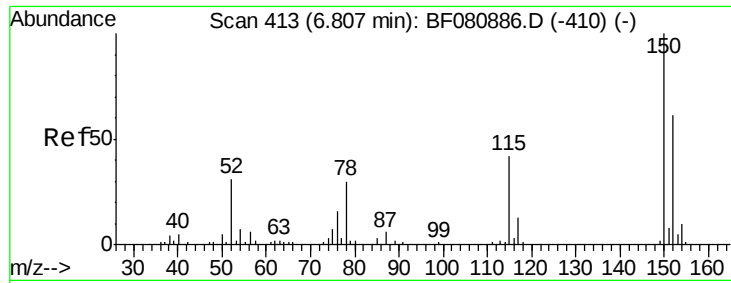
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080887.D
 Acq On : 6 Aug 2015 13:04
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Quant Time: Aug 07 01:42:42 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 01:34:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	110331	48.80	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	122236	54.10	nq #	93
45) 1,1'-Biphenyl	9.28	154	444315	52.20	nq	99
46) 2-Chloronaphthalene	9.30	162	348985	52.44	nq	98
47) 2-Nitroaniline	9.39	65	130441	48.19	nq	99
48) Acenaphthylene	9.71	152	555996	47.63	nq	100
49) Dimethylphthalate	9.58	163	448206	56.10	nq #	99
50) 2,6-Dinitrotoluene	9.64	165	97639	56.99	nq #	62
51) Acenaphthene	9.88	154	335513	47.31	nq	100
52) 3-Nitroaniline	9.80	138	99106	46.79	nq	94
53) 2,4-Dinitrophenol	9.90	184	48126	51.27	nq #	85
54) Dibenzofuran	10.05	168	456886	47.56	nq	98
55) 4-Nitrophenol	9.96	139	85534	53.50	nq #	67
56) 2,4-Dinitrotoluene	10.04	165	134859	58.51	nq #	70
57) Fluorene	10.40	166	365087	48.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	90441	49.81	nq	98
59) Diethylphthalate	10.28	149	449897	51.69	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	173177	49.16	nq #	74
61) 4-Nitroaniline	10.42	138	110670	50.94	nq	85
62) Azobenzene	10.54	77	481273	50.46	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	64221	47.69	nq #	67
65) n-Nitrosodiphenylamine	10.51	169	337337	45.80	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	99086	44.11	nq	92
67) Hexachlorobenzene	10.94	284	125107	51.50	nq #	91
68) Atrazine	11.04	200	95511	44.91	nq	99
69) Pentachlorophenol	11.14	266	74224	54.51	nq	98
70) Phenanthrene	11.36	178	625423	51.70	nq	99
71) Anthracene	11.40	178	529758	44.50	nq	100
72) Carbazole	11.56	167	621317	51.67	nq	99
73) Di-n-butylphthalate	11.89	149	667091	45.50	nq	100
74) Fluoranthene	12.53	202	598512	45.25	nq	99
76) Benzidine	12.66	184	360536	47.18	nq	99
77) Pyrene	12.76	202	610990	43.94	nq	99
79) Butylbenzylphthalate	13.39	149	340407	51.19	nq	97
80) Benzo(a)anthracene	13.95	228	549157	44.94	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	220153	48.12	nq #	99
82) Chrysene	13.99	228	517670	44.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	450685	49.45	nq	100
84) Di-n-octyl phthalate	14.56	149	751172	46.77	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	547012	48.10	nq	99
87) Benzo(b)fluoranthene	14.97	252	573546	46.04	nq	98
88) Benzo(k)fluoranthene	14.97	252	573546	54.30	nq	98
89) Benzo(a)pyrene	15.31	252	529364	49.30	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	453677	49.02	nq #	96
91) Benzo(g,h,i)perylene	17.14	276	437795	48.80	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

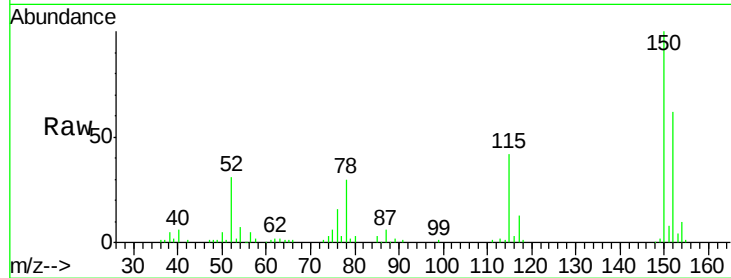
Tot Ion:152 Resp: 50511

Ion Ratio Lower Upper

152 100

150 161.4 132.2 198.2

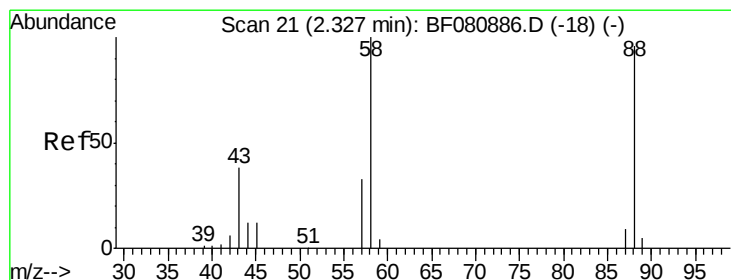
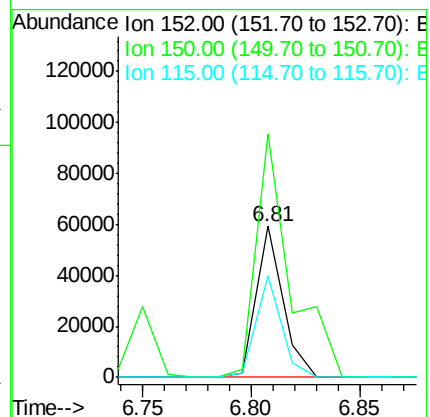
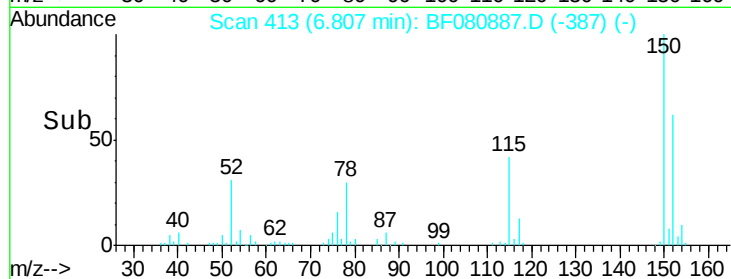
115 67.7 54.9 82.3



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: 51.20 ng

RT: 2.33 min Scan# 21

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

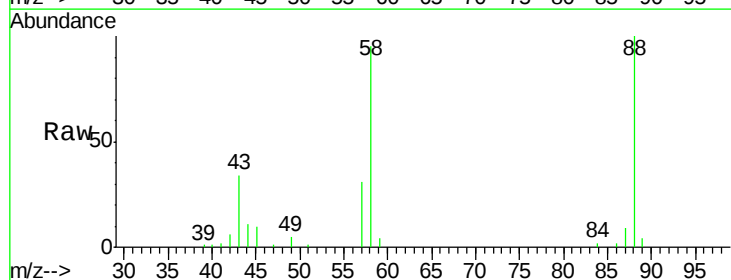
Tgt Ion: 88 Resp: 78588

Ion Ratio Lower Upper

88 100

58 96.5 78.2 117.4

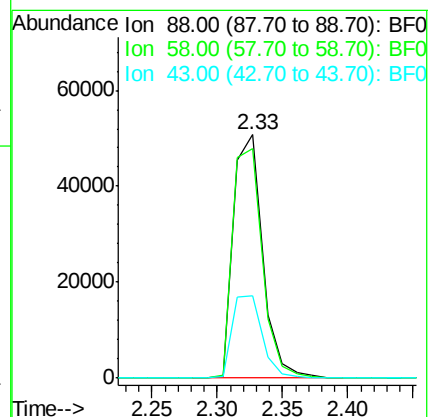
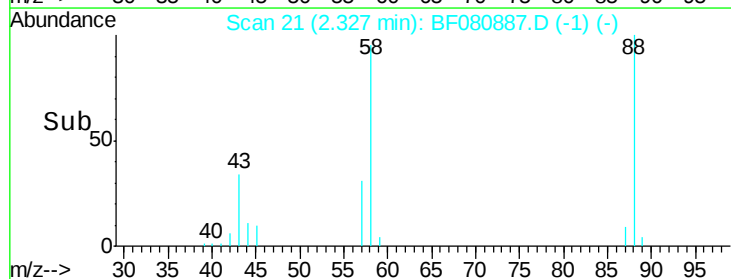
43 35.1 29.1 43.7

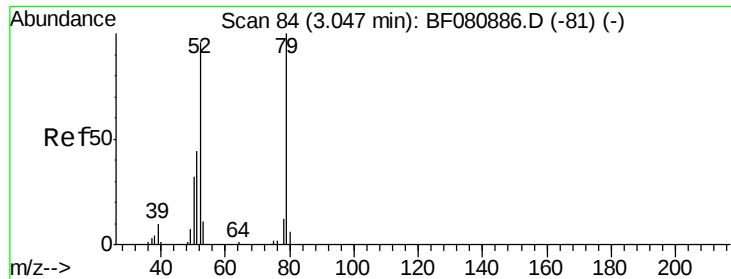


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 55.36 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.01 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

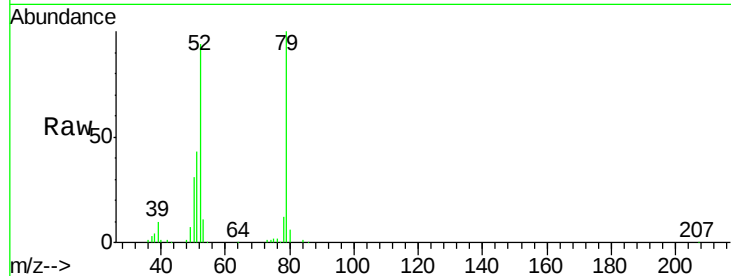
Tot Ion: 79 Resp: 239696

Ion Ratio Lower Upper

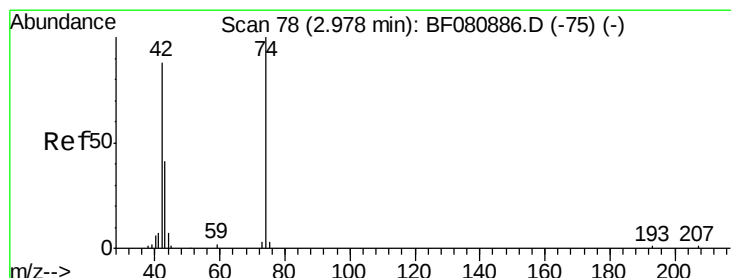
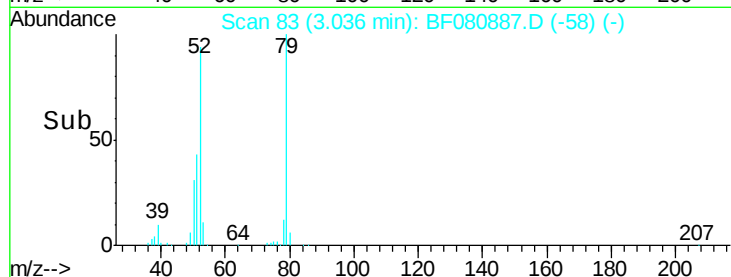
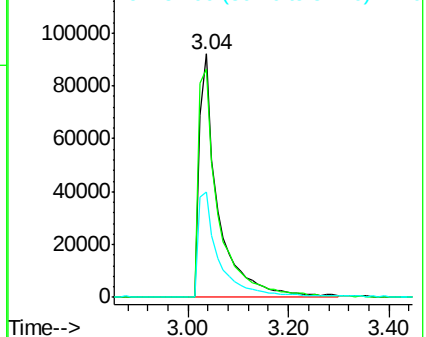
79 100

52 93.6 76.7 115.1

51 43.4 35.8 53.6



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 54.15 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

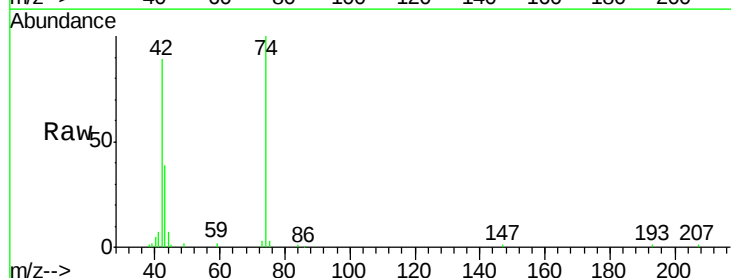
Tgt Ion: 42 Resp: 120920

Ion Ratio Lower Upper

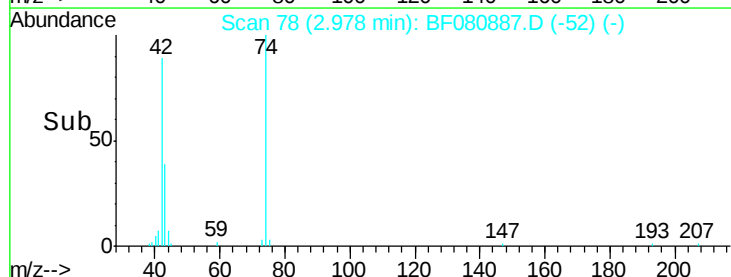
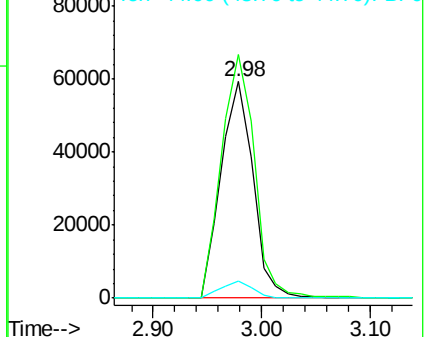
42 100

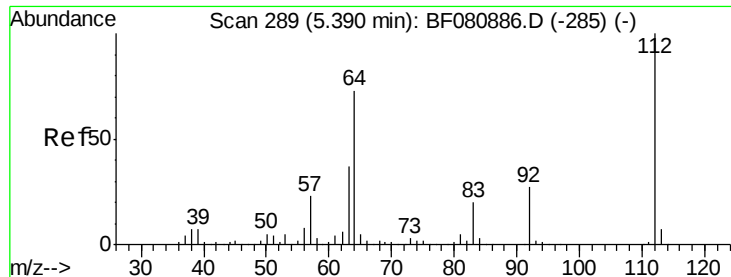
74 112.6 90.6 135.8

44 7.8 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.24 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

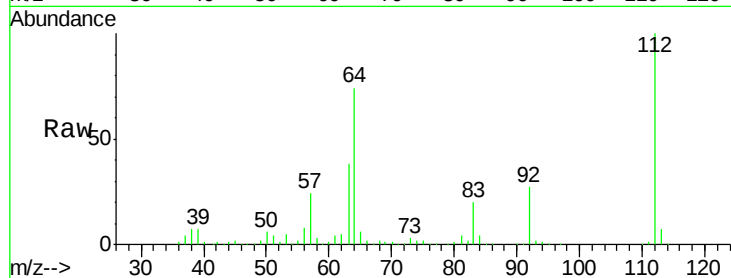
Tot Ion:112 Resp: 333466

Ion Ratio Lower Upper

112 100

64 73.8 58.0 87.0

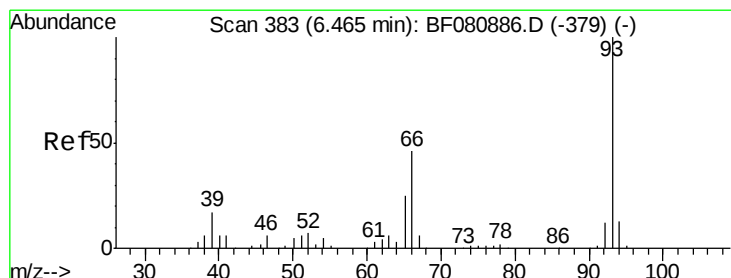
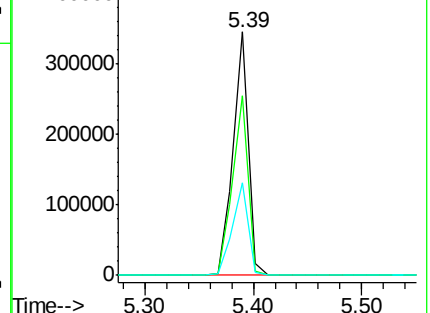
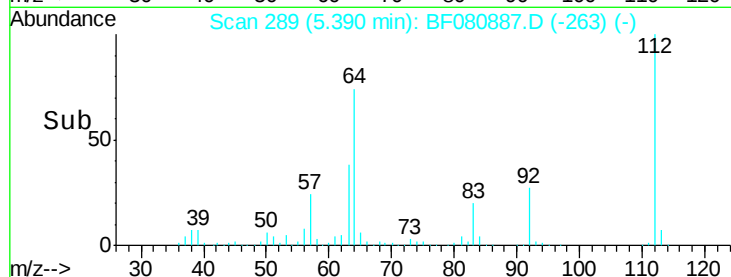
63 38.0 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 52.12 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

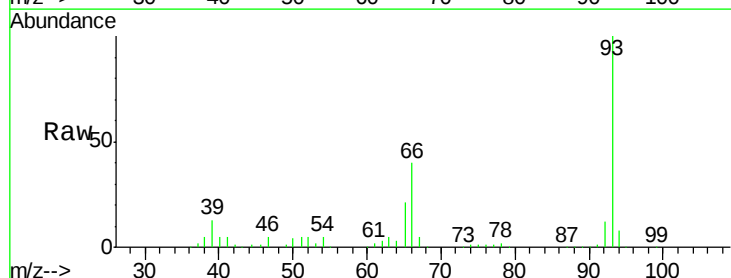
Tgt Ion: 93 Resp: 337192

Ion Ratio Lower Upper

93 100

66 40.3 37.4 56.0

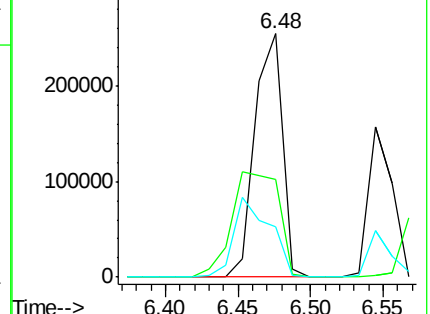
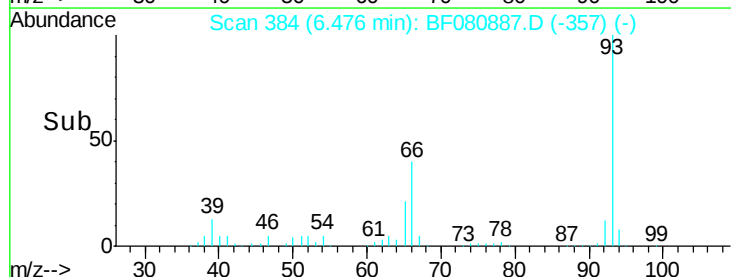
65 20.9 19.8 29.6

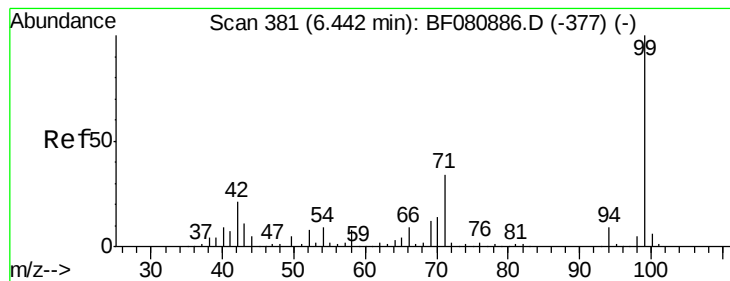


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.51 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampled :

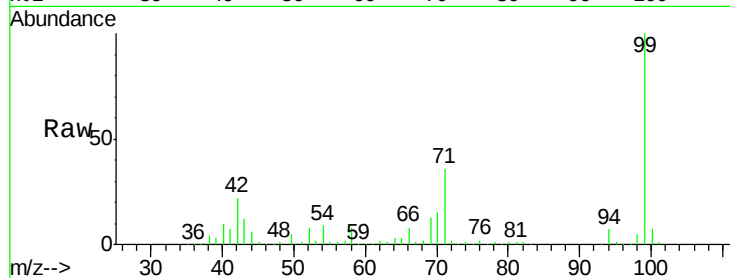
Tot Ion: 99 Resp: 425335

Ion Ratio Lower Upper

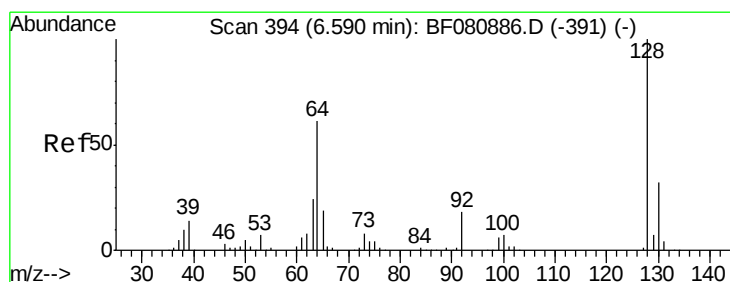
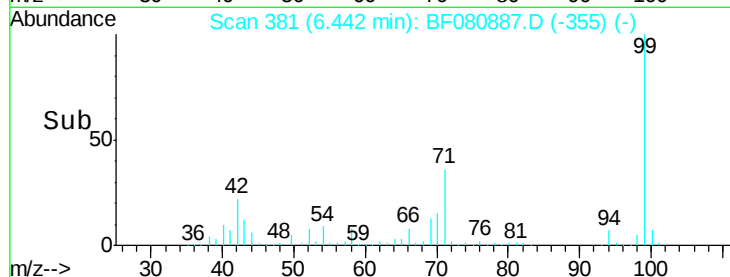
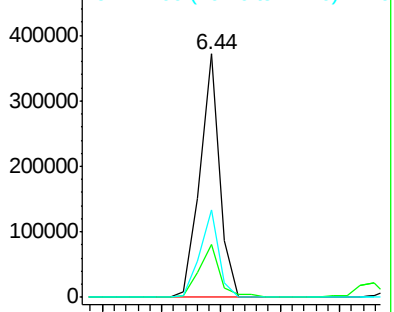
99 100

42 21.9 16.8 25.2

71 35.7 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.12 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

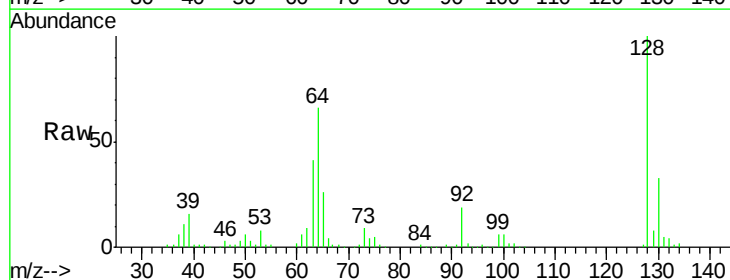
Tgt Ion: 128 Resp: 180303

Ion Ratio Lower Upper

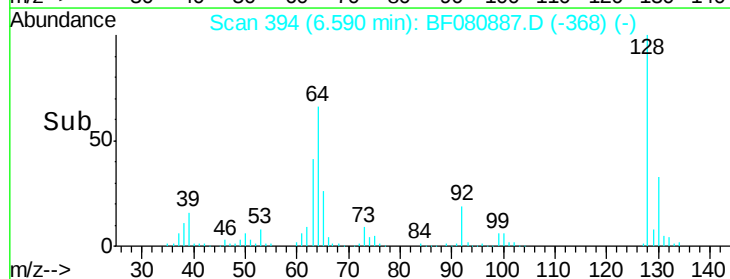
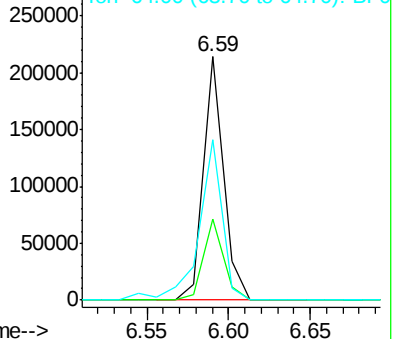
128 100

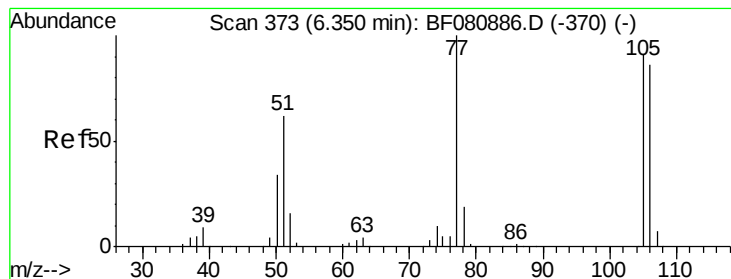
130 33.0 12.1 52.1

64 65.7 41.3 81.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.41 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampled :

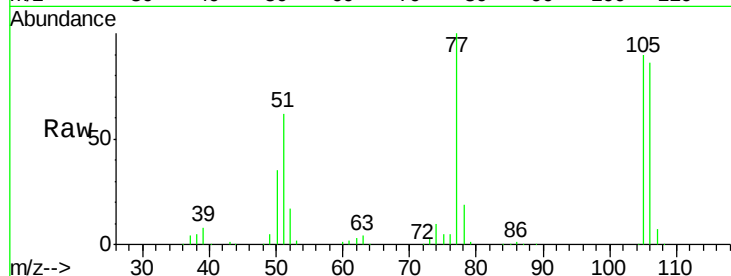
Tot Ion: 77 Resp: 148470

Ion Ratio Lower Upper

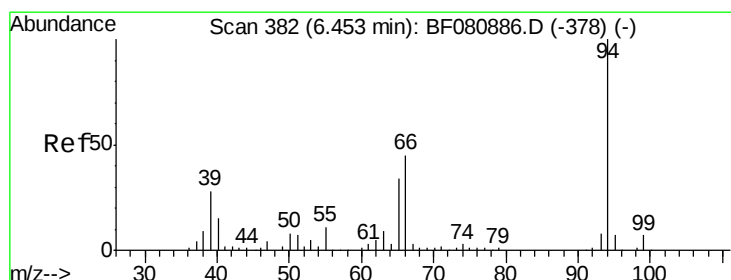
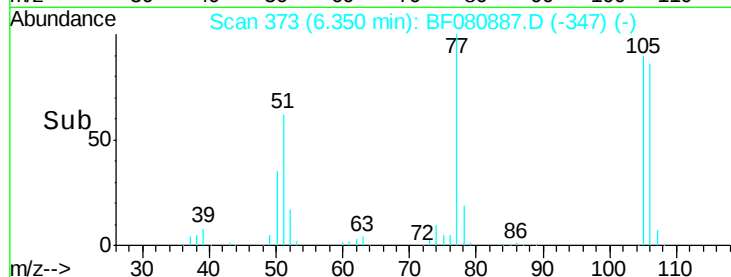
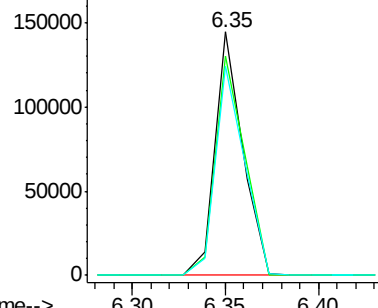
77 100

105 90.2 70.7 110.7

106 86.0 66.1 106.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.50 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

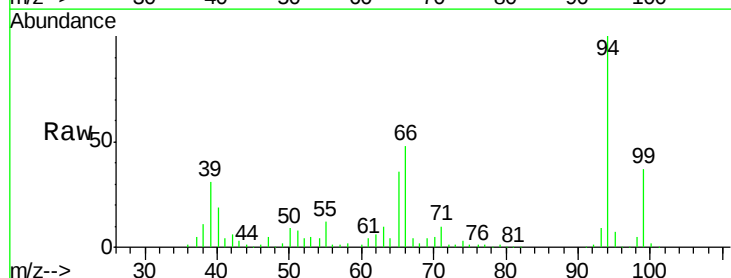
Tgt Ion: 94 Resp: 238134

Ion Ratio Lower Upper

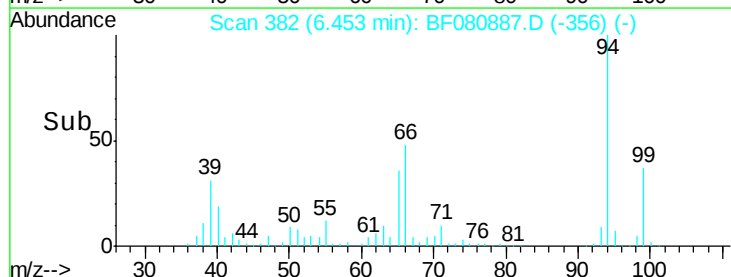
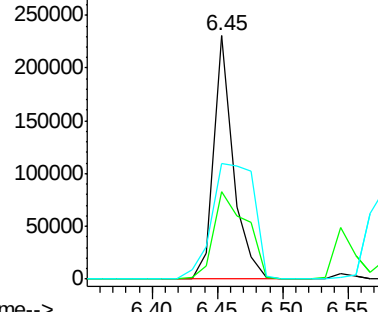
94 100

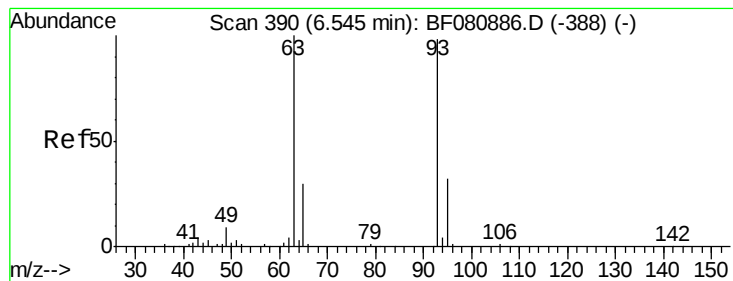
65 36.1 14.0 54.0

66 47.8 24.6 64.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

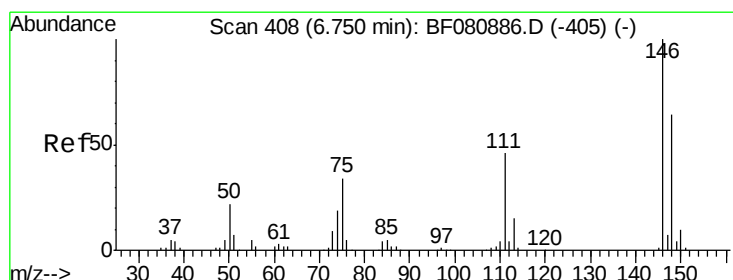
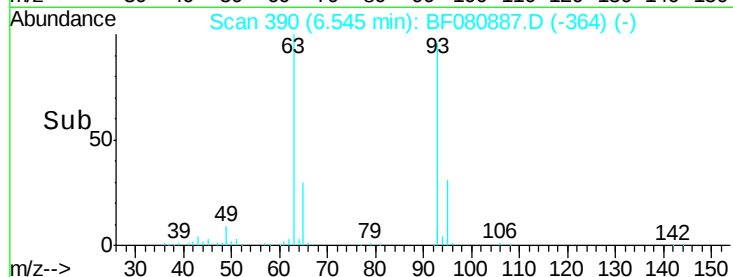
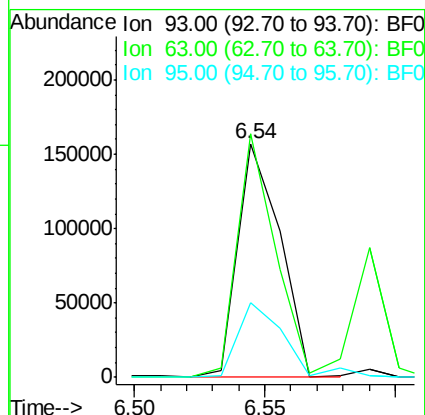
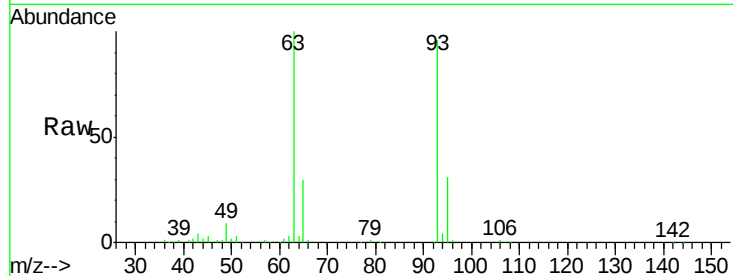




#11
bis(2-Chloroethyl)ether
Concen: 48.08 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

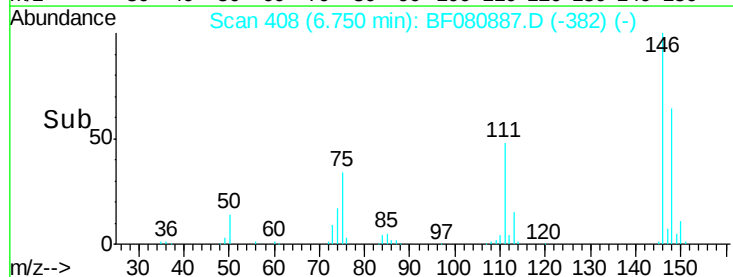
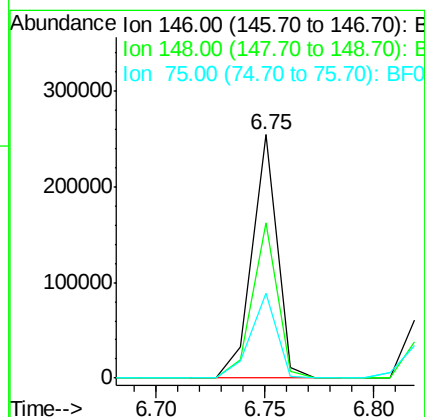
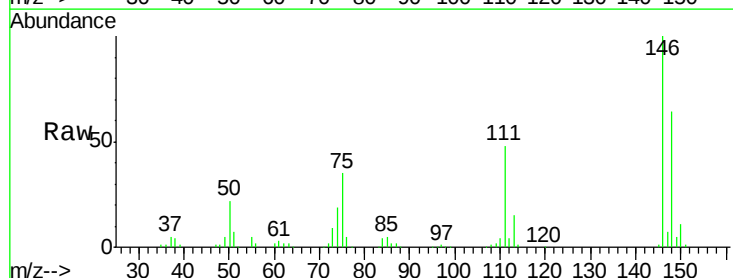
Instrument :
BNA_F
ClientSampleId :

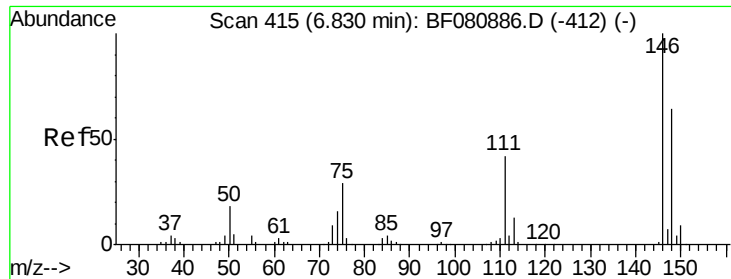
Tot Ion: 93 Resp: 178170
Ion Ratio Lower Upper
93 100
63 104.1 81.4 121.4
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 52.31 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion: 146 Resp: 204151
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.8 27.0 40.4

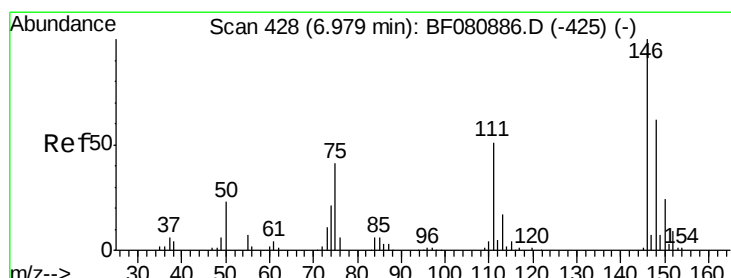
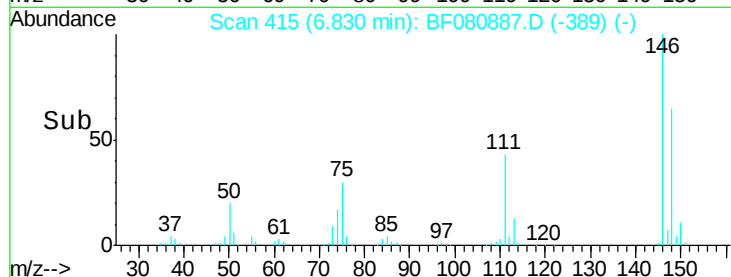
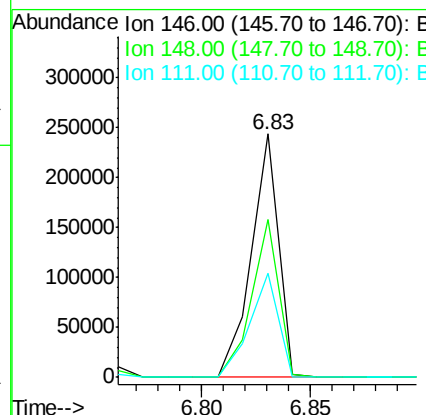
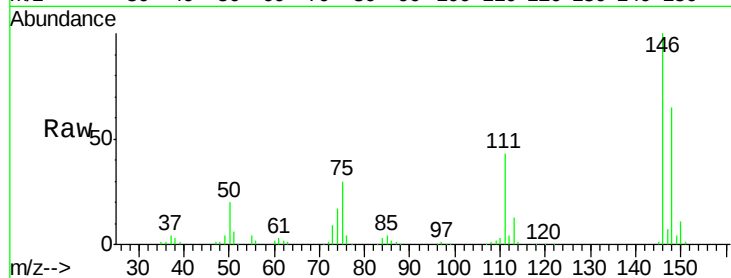




#13
 1,4-Dichlorobenzene
 Concen: 53.15 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

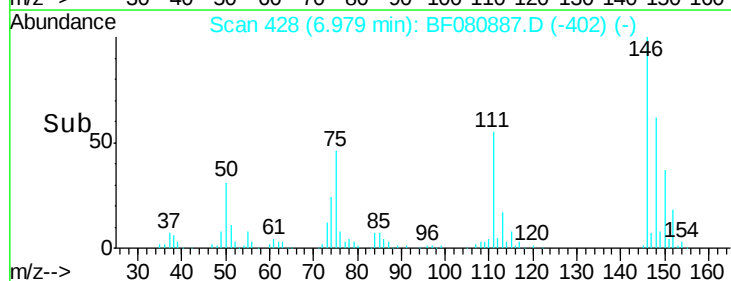
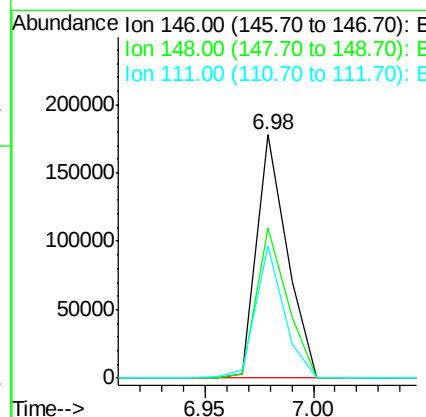
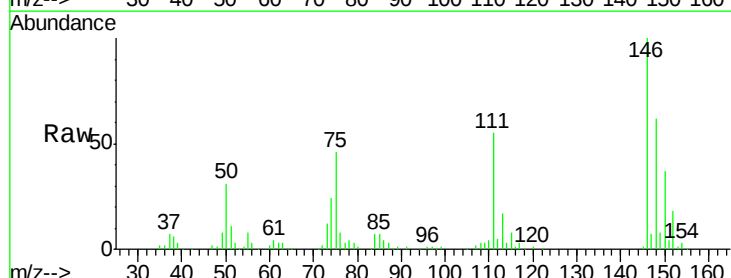
Instrument :
 BNA_F
 ClientSampleId :

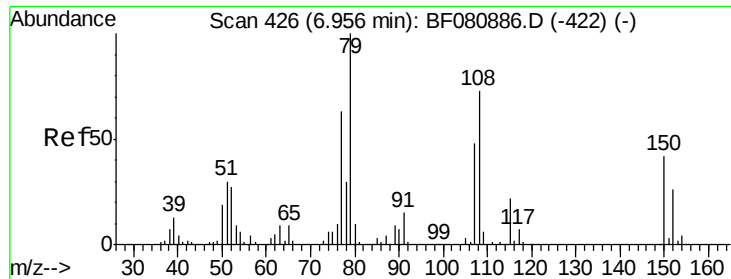
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.5	77.3
111	42.8	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 47.48 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.0	75.0
111	54.5	41.0	61.6





#15

Benzyl Alcohol

Concen: 51.45 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

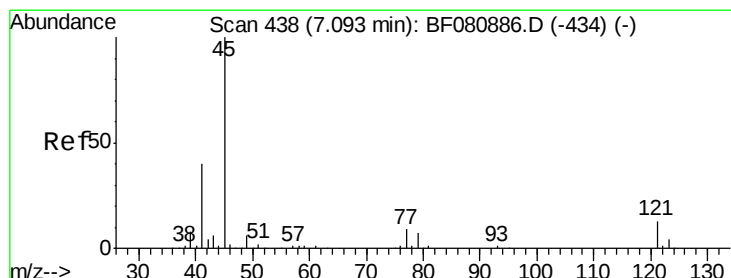
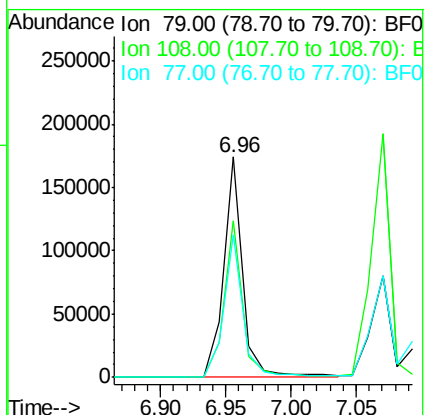
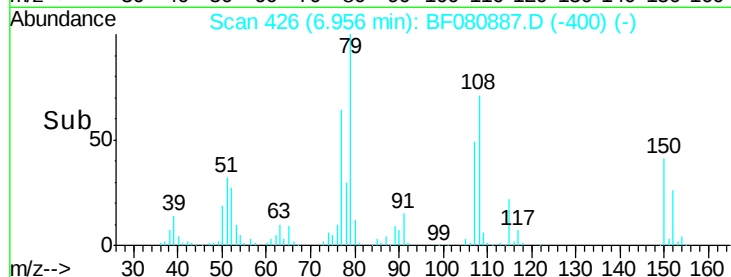
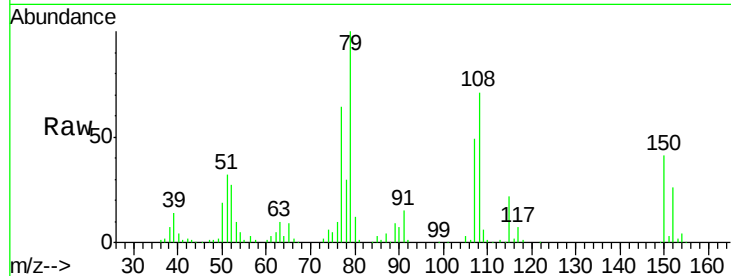
Tot Ion: 79 Resp: 177999

Ion Ratio Lower Upper

79 100

108 71.0 58.2 87.2

77 64.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.09 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

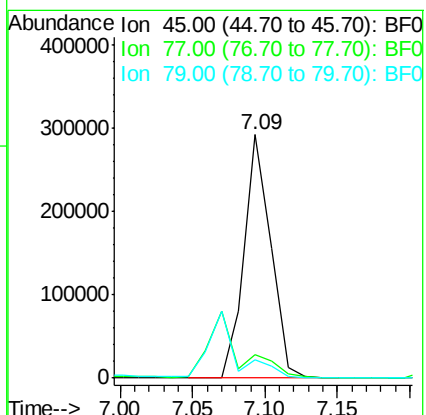
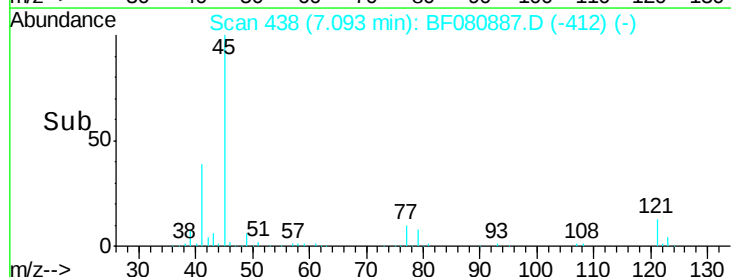
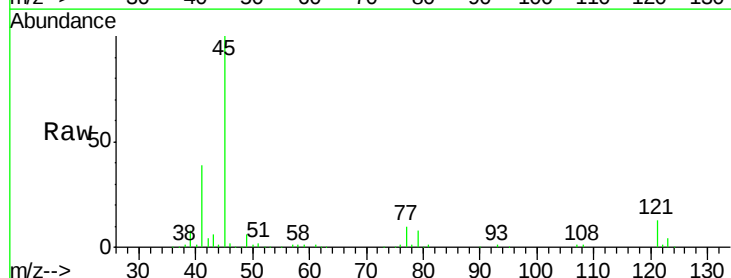
Tgt Ion: 45 Resp: 373359

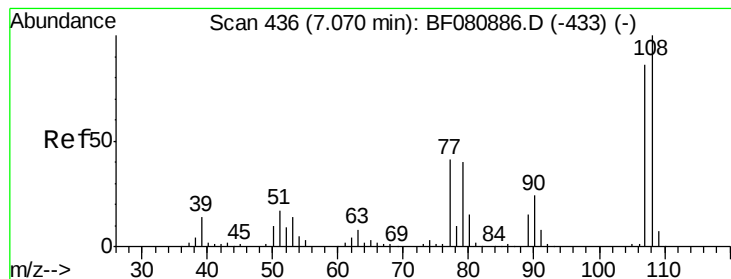
Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.1

79 7.7 0.0 27.6

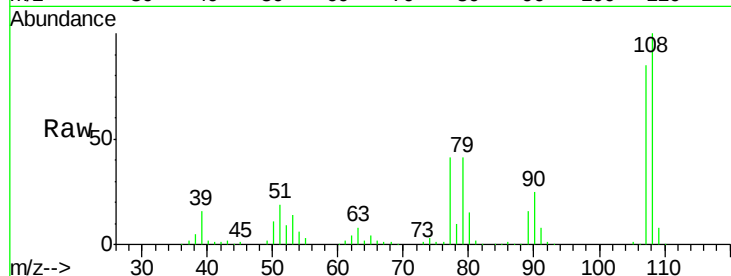




#17
2-Methylphenol
Concen: 51.35 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.0	93.1	139.7
77	48.5	38.2	57.2
79	48.5	37.7	56.5



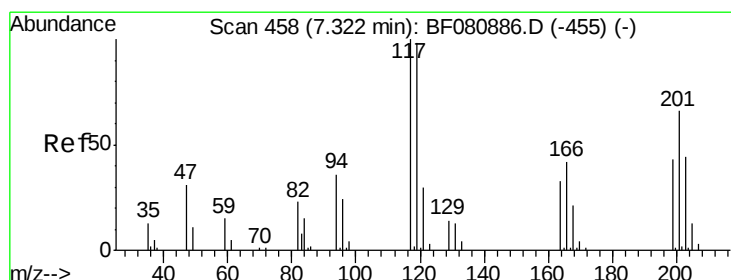
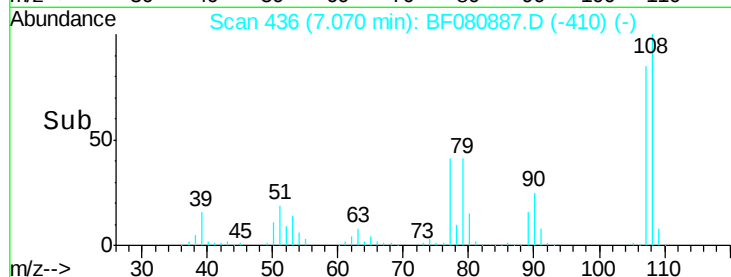
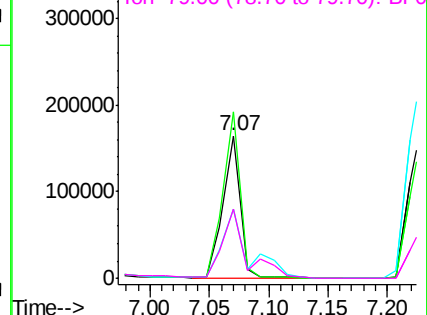
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

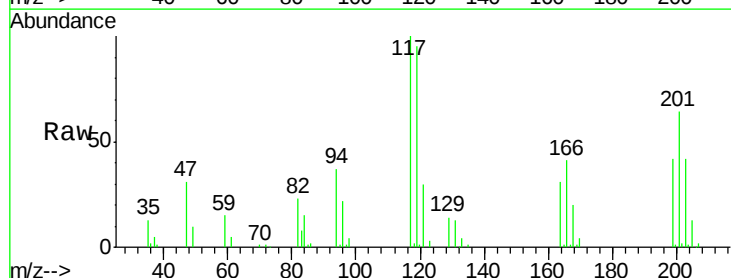
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 49.91 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.4	117.6
201	64.0	53.1	79.7

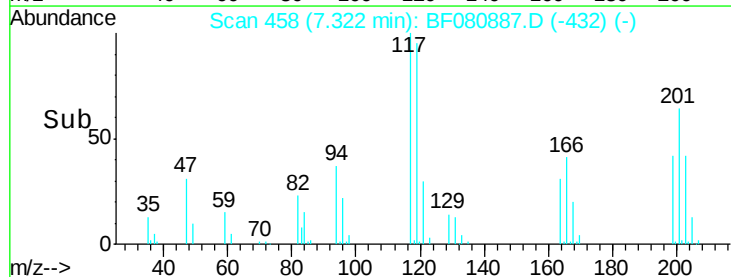
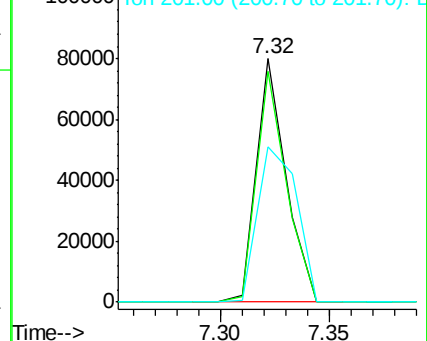


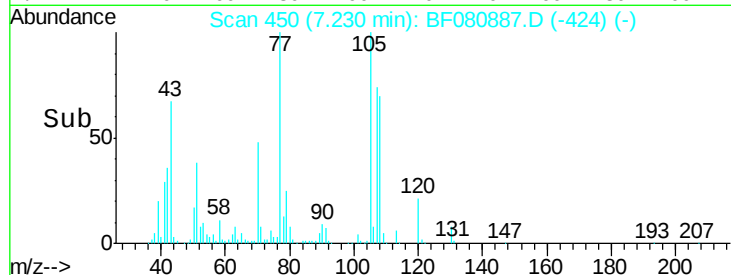
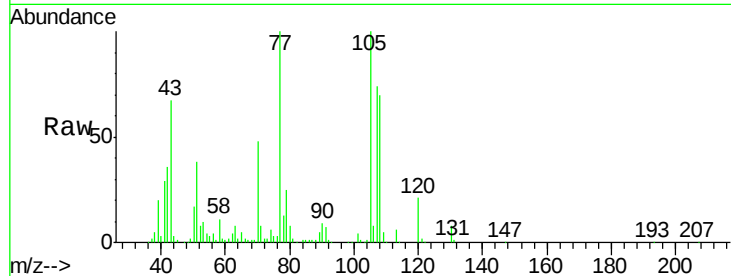
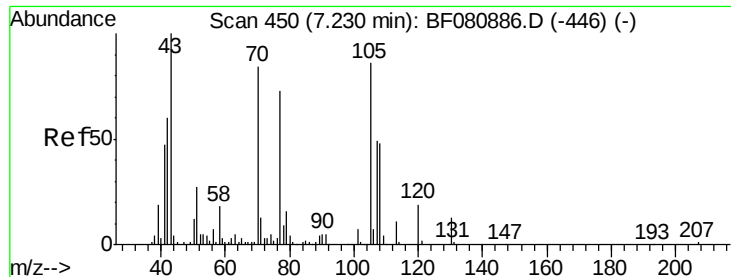
Abundance

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

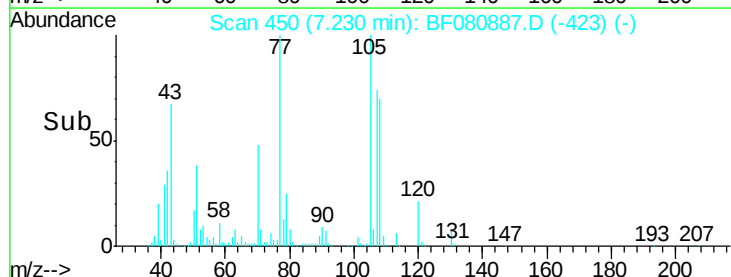
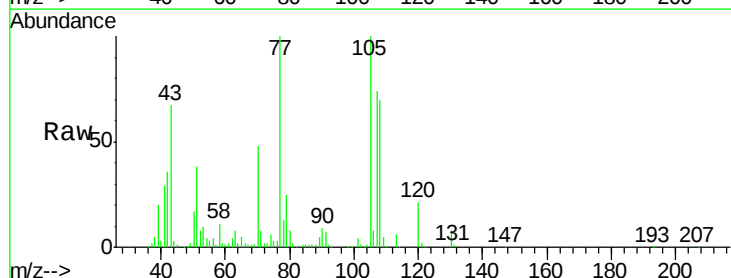
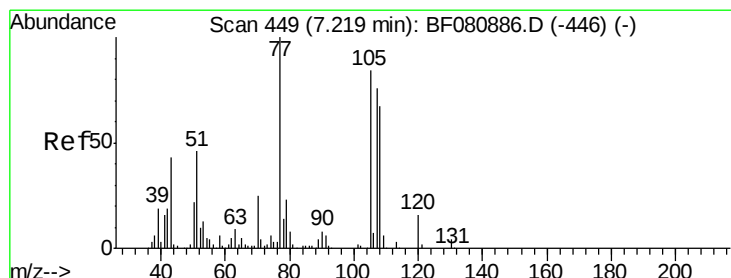
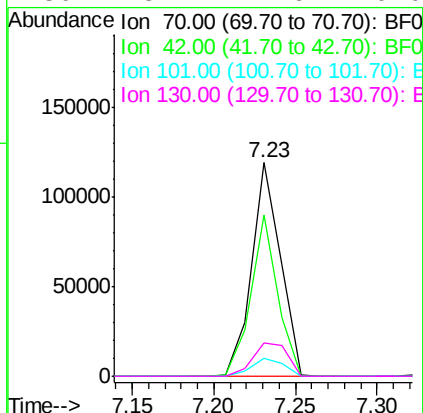




#19
n-Nitroso-di-n-propylamine
Concen: 46.77 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

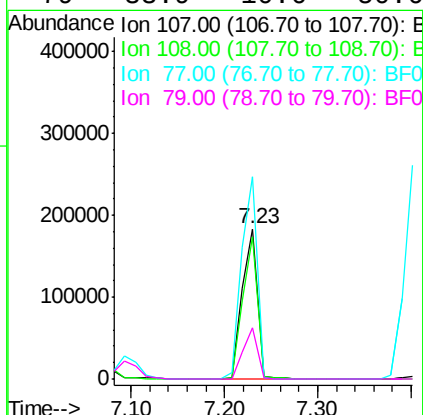
Instrument :
BNA_F
ClientSampleId :

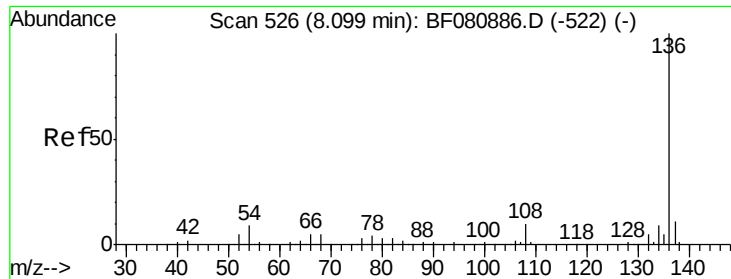
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.4	57.2	85.8
101	8.1	6.6	9.8
130	15.7	12.6	19.0



#20
3+4-Methylphenols
Concen: 53.39 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	67.3	107.3
77	134.3	111.2	151.2
79	33.9	10.6	50.6

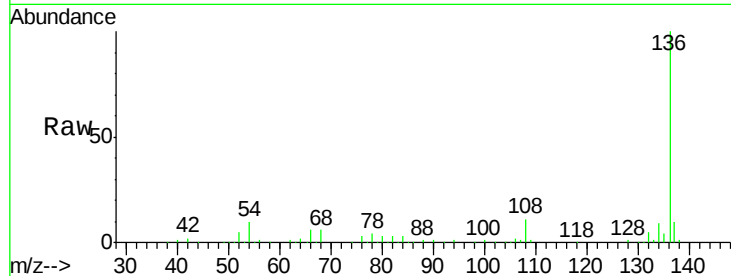




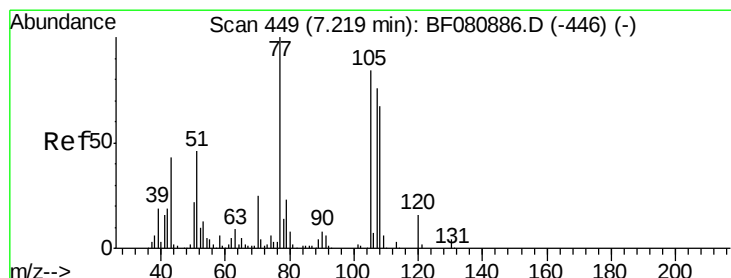
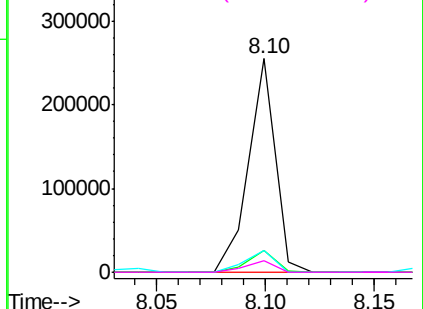
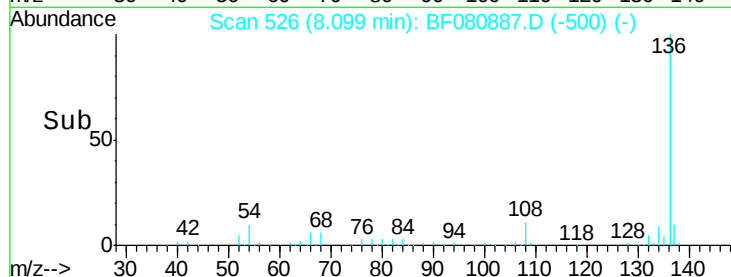
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	217080
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 12.8
54	10.2	7.5 11.3
68	5.6	4.2 6.2

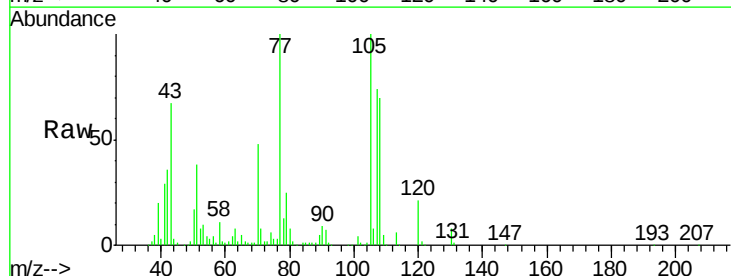


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

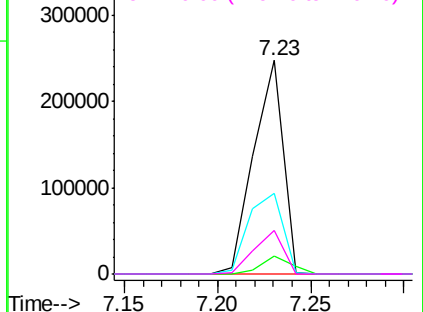
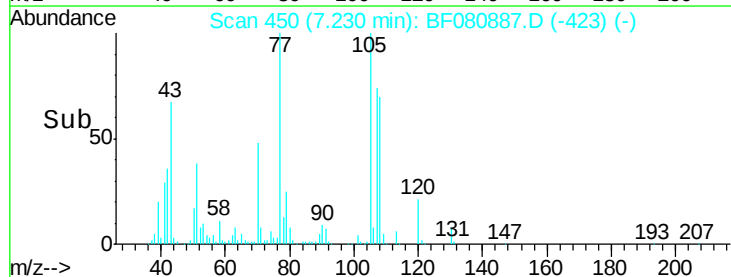


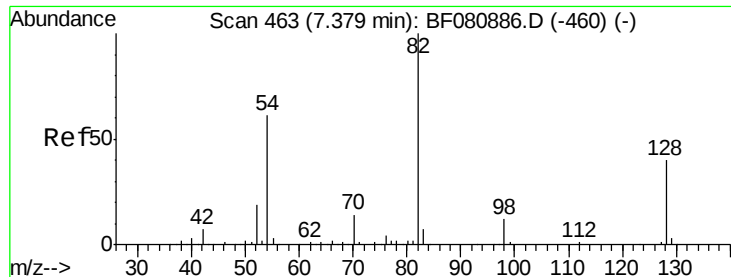
#22
Acetophenone
Concen: 49.78 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:105	Resp:	270236
Ion Ratio	Lower	Upper
105	100	
71	8.2	3.8 5.8#
51	37.7	44.2 66.4#
120	20.5	15.4 23.0



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

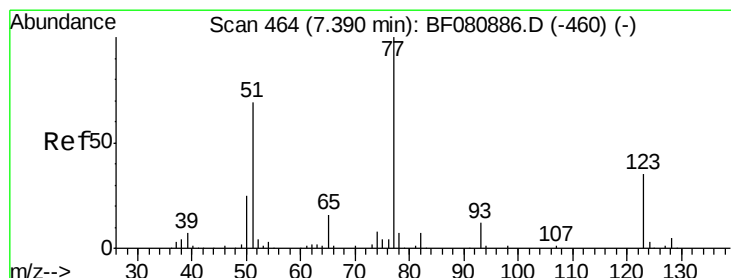
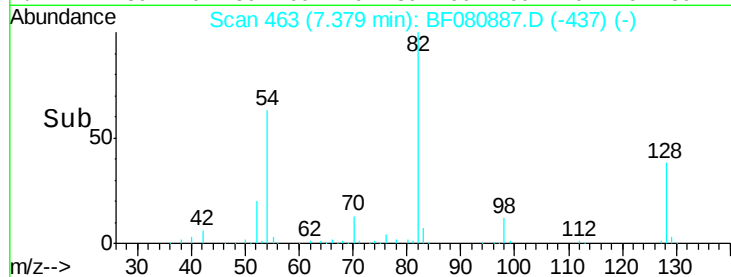
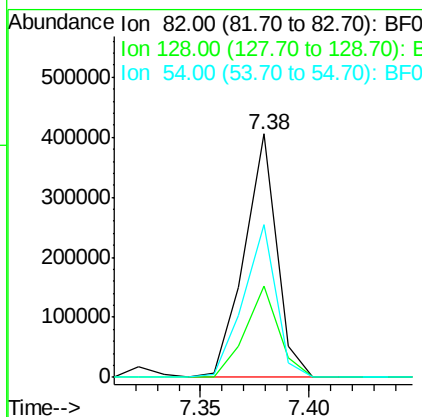
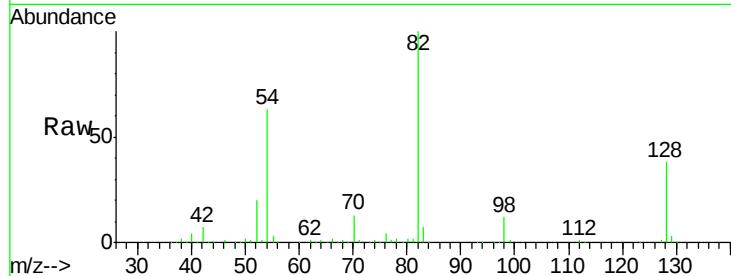




#23
Nitrobenzene-d5
Concen: 91.38 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

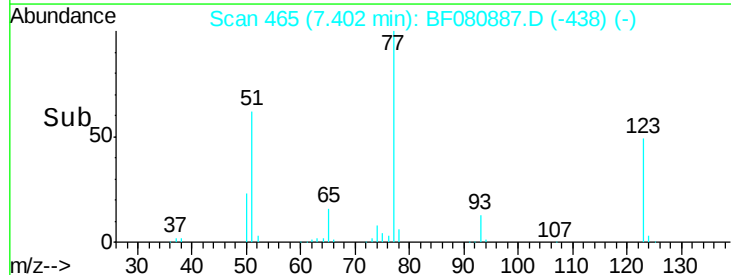
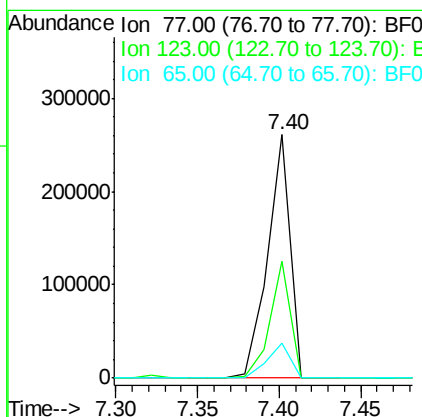
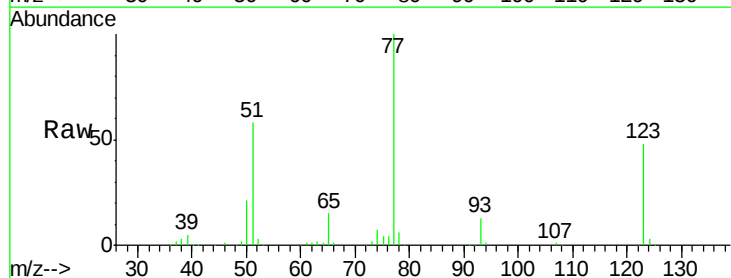
Instrument :
BNA_F
ClientSampleId :

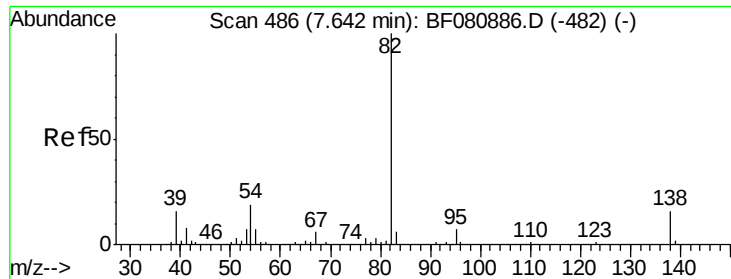
Tot Ion	82	Resp	421090
Ion Ratio	Lower	Upper	
82	100		
128	37.5	31.8	47.6
54	62.7	48.6	72.8



#24
Nitrobenzene
Concen: 53.32 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion	77	Resp	250406
Ion Ratio	Lower	Upper	
77	100		
123	48.3	28.3	42.5#
65	14.6	12.5	18.7





#25

Isophorone

Concen: 49.17 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

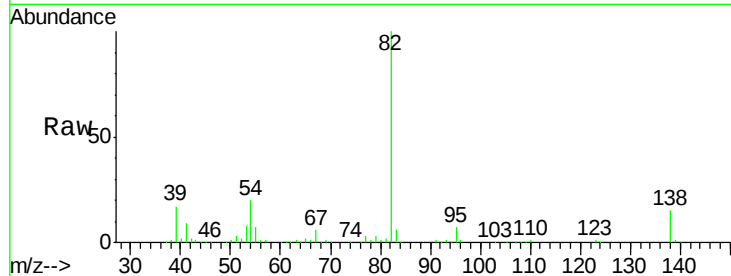
Tot Ion: 82 Resp: 434315

Ion Ratio Lower Upper

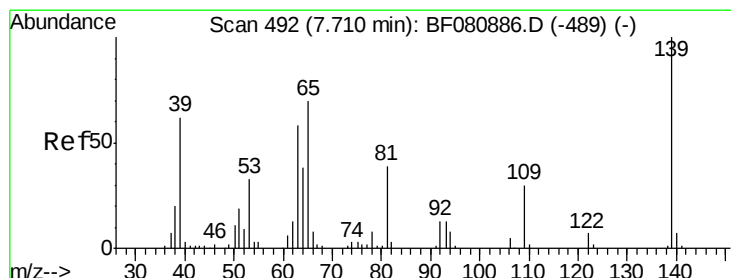
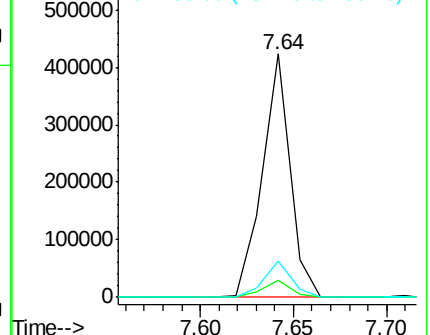
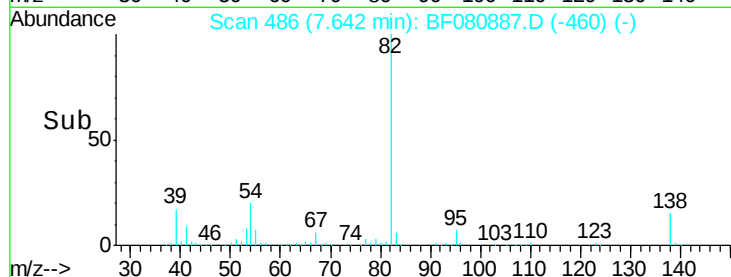
82 100

95 6.9 5.7 8.5

138 14.8 13.0 19.6



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: 46.53 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

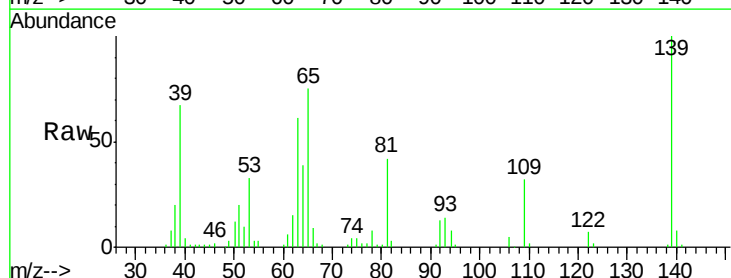
Tgt Ion: 139 Resp: 91705

Ion Ratio Lower Upper

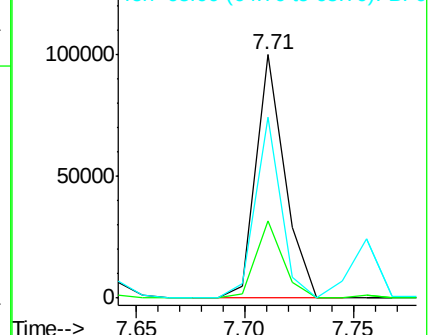
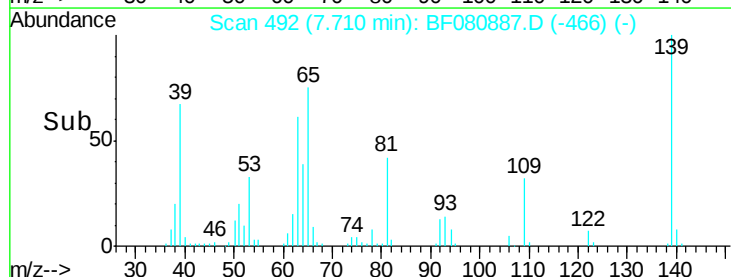
139 100

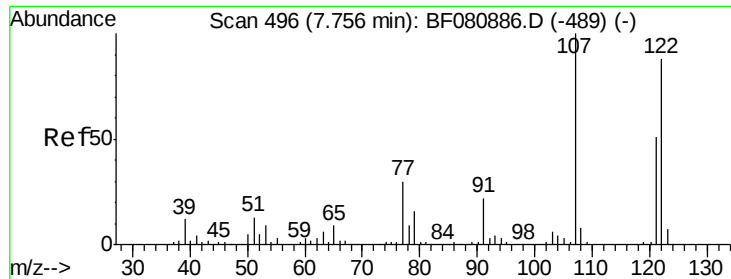
109 31.9 24.2 36.4

65 74.5 55.6 83.4



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

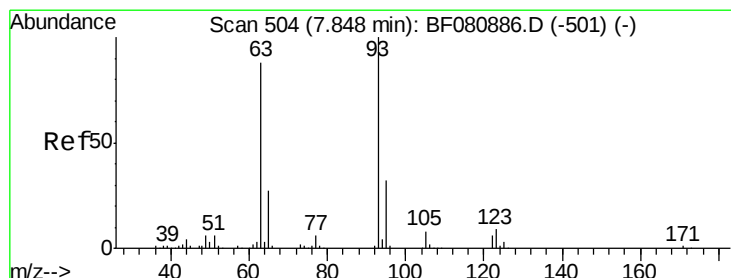
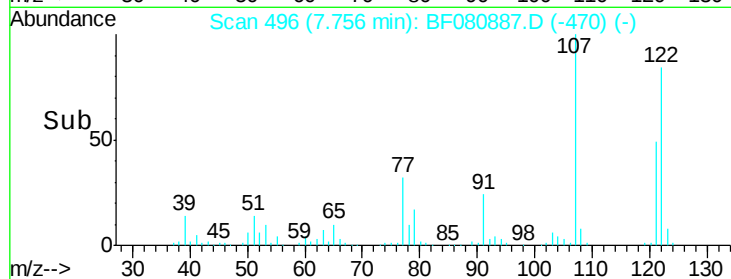
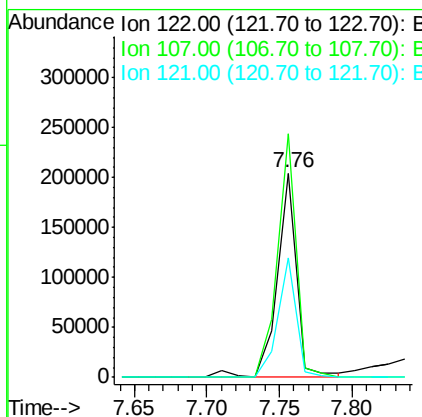
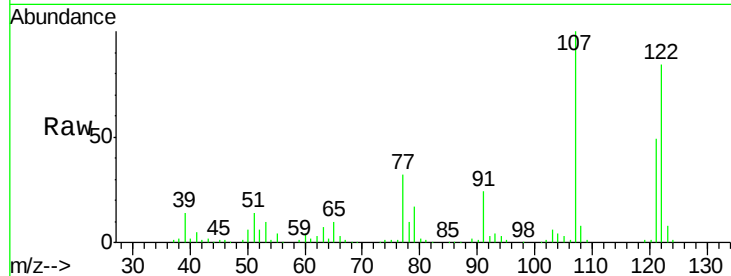




#27
2,4-Dimethylphenol
Concen: 50.70 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

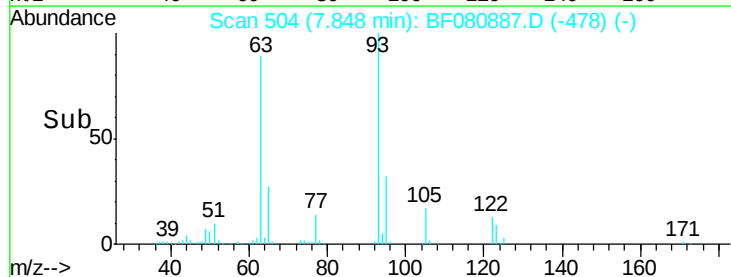
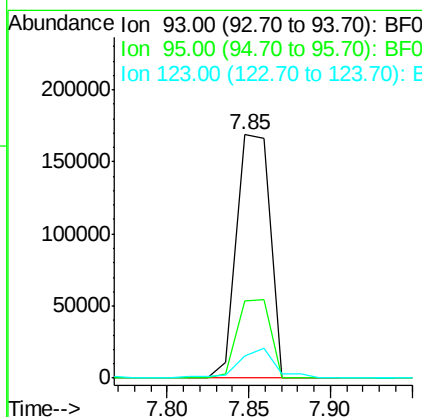
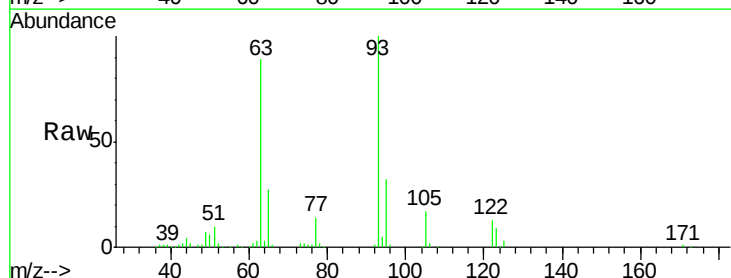
Instrument :
BNA_F
ClientSampleId :

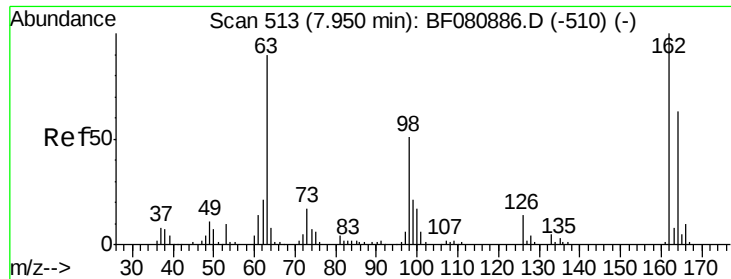
Tot Ion:122 Resp: 191724
Ion Ratio Lower Upper
122 100
107 119.1 91.1 136.7
121 58.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.52 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion: 93 Resp: 238314
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 9.3 7.6 11.4

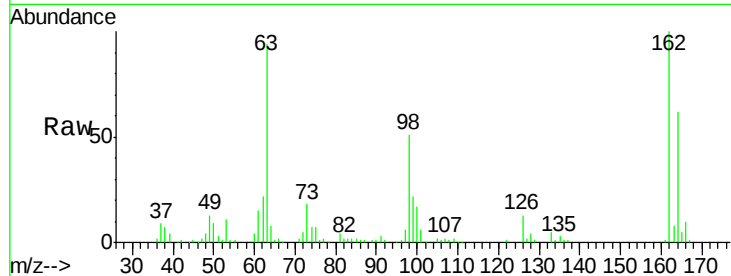




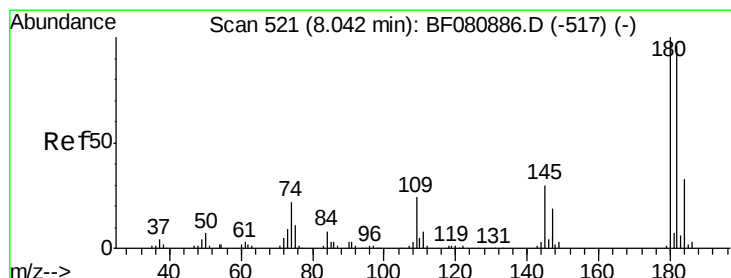
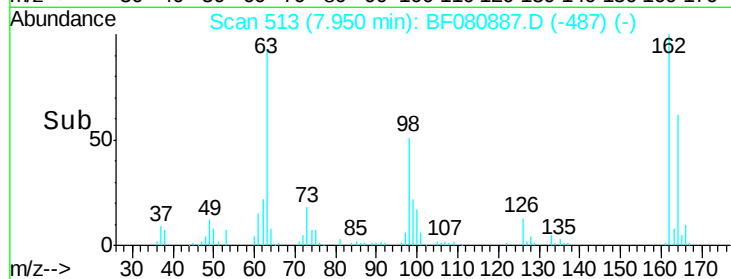
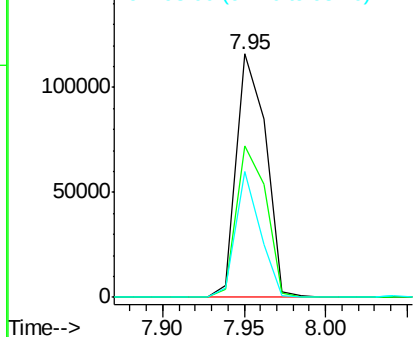
#29
 2,4-Dichlorophenol
 Concen: 47.89 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	144370
Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.4	83.4
98	51.4	30.9	70.9

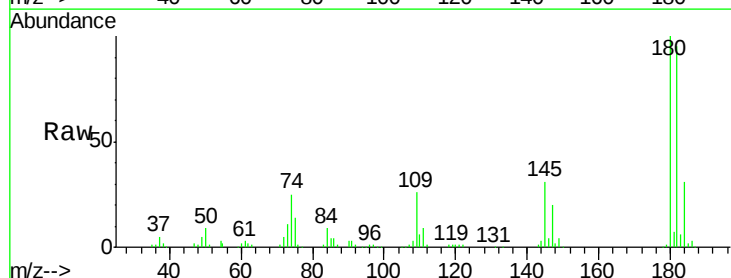


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

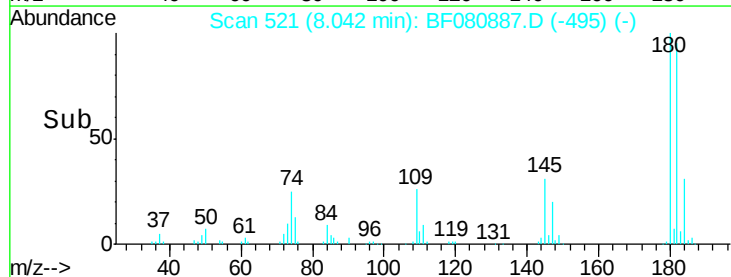
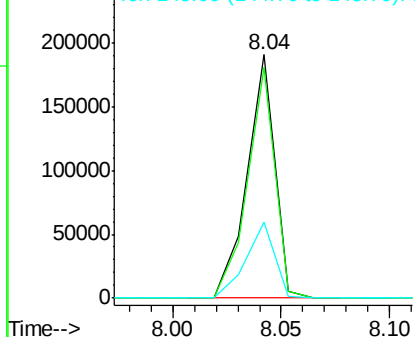


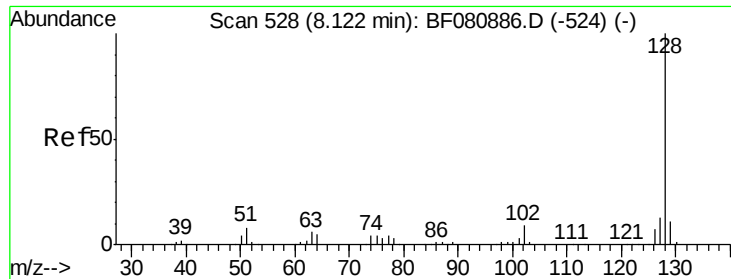
#30
 1,2,4-Trichlorobenzene
 Concen: 50.26 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	180	Resp	168000
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	31.2	24.2	36.2



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

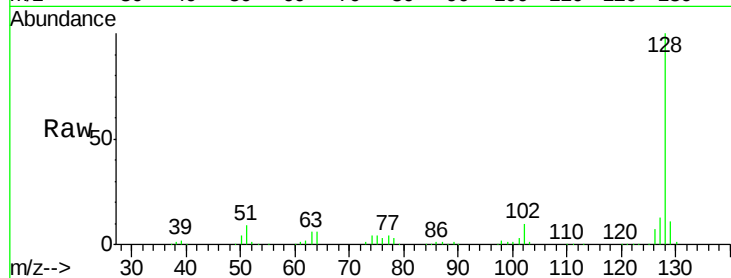




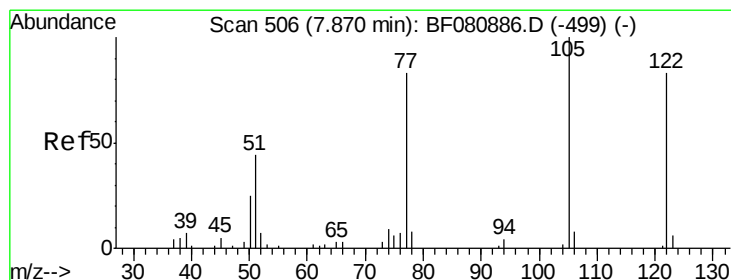
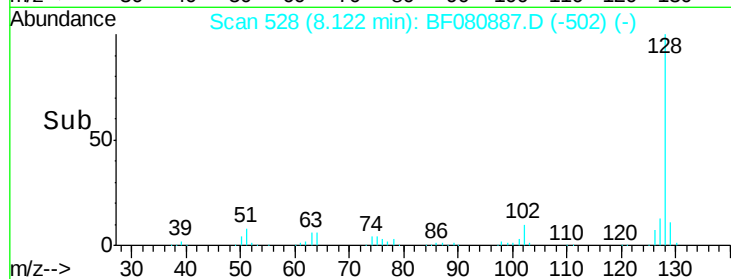
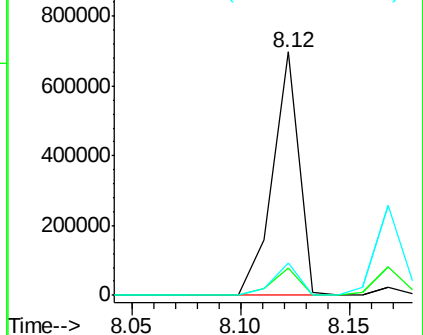
#31
Naphthalene
Concen: 50.53 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 595238
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 15.8

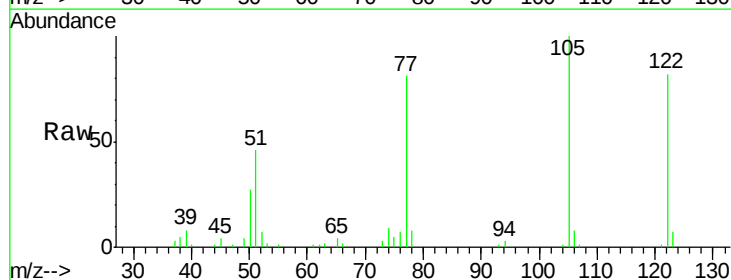


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

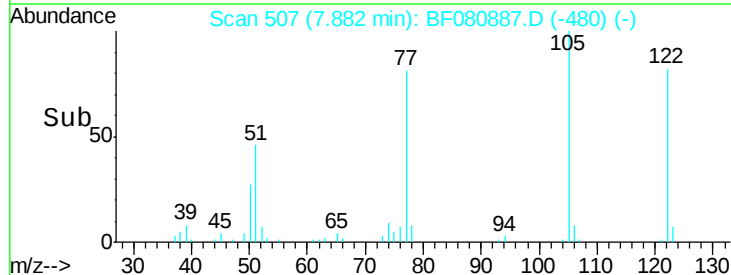
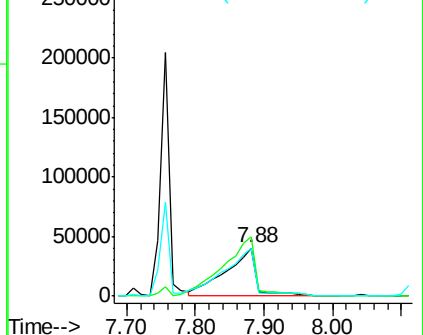


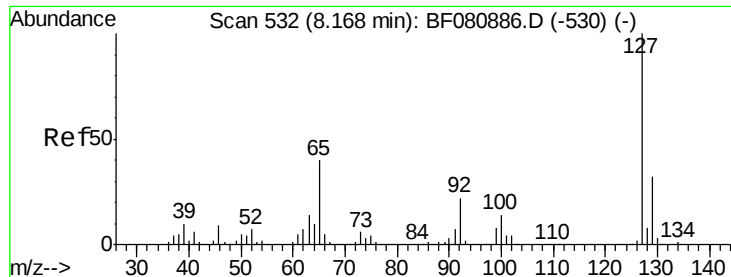
#32
Benzoic acid
Concen: 53.65 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:122 Resp: 129030
Ion Ratio Lower Upper
122 100
105 121.4 101.6 141.6
77 97.8 80.9 120.9



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

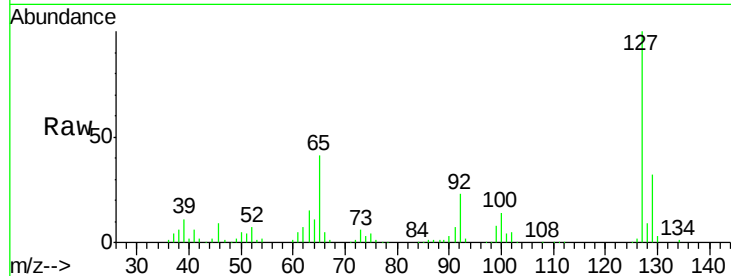




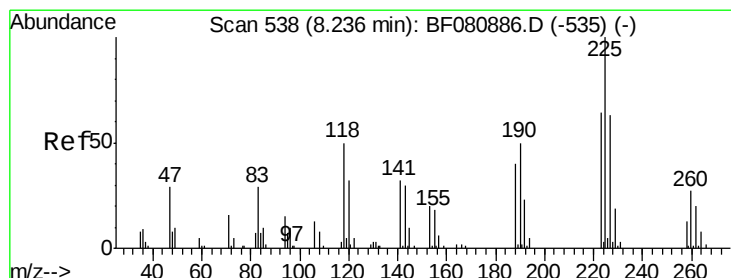
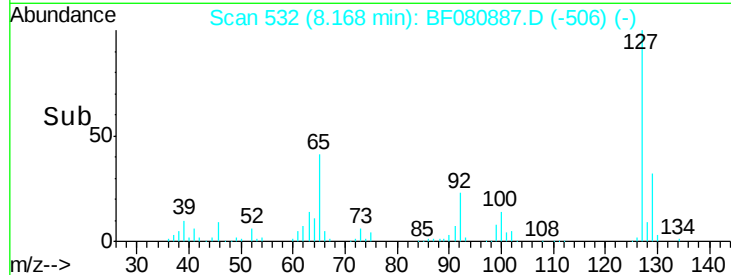
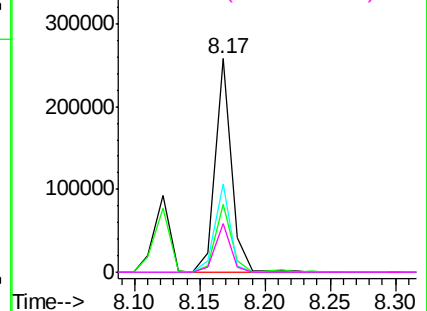
#33
4-Chloroaniline
Concen: 46.27 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	225305
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	41.1	31.7	47.5
92	22.7	17.6	26.4

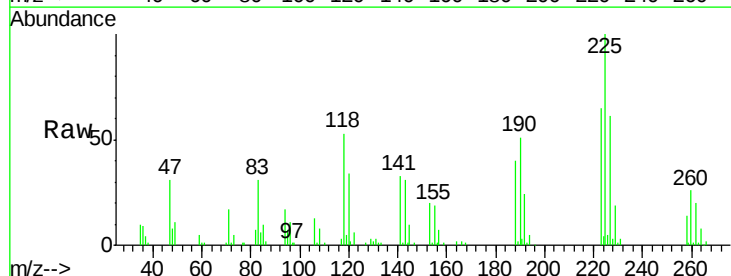


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

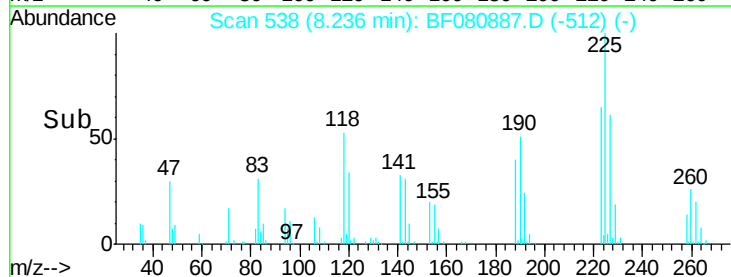
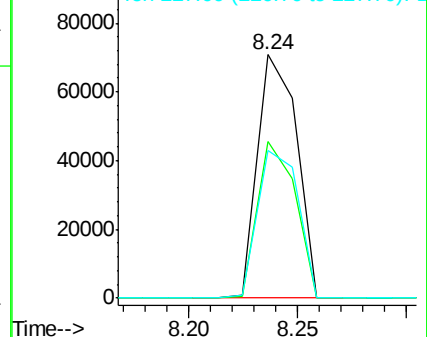


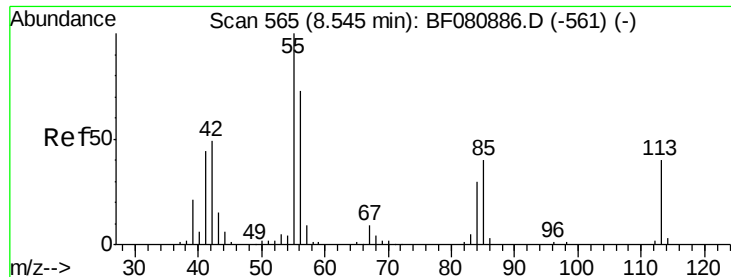
#34
Hexachlorobutadiene
Concen: 46.88 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:	225	Resp:	89145
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.2	76.8
227	60.8	50.4	75.6



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





#35

Caprolactam

Concen: 55.00 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

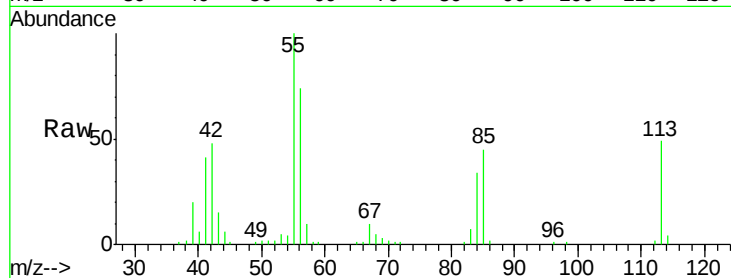
Tot Ion:113 Resp: 61889

Ion Ratio Lower Upper

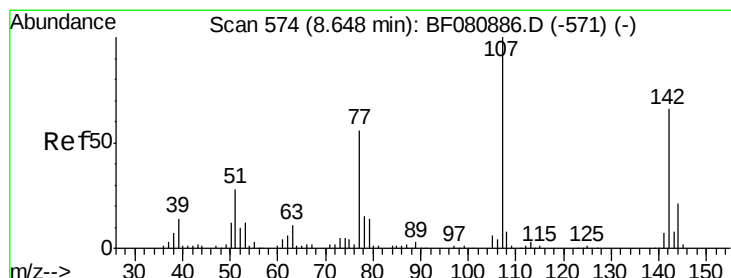
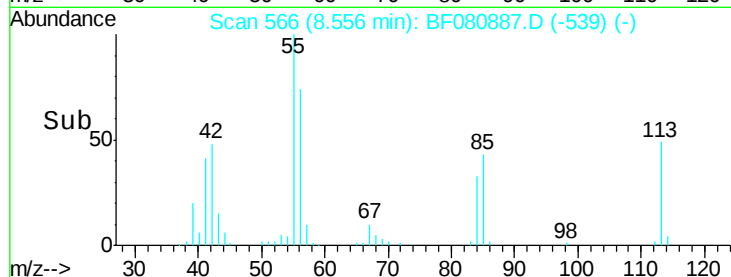
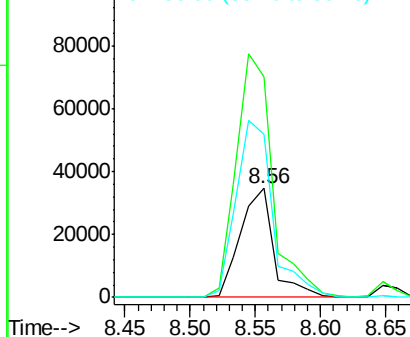
113 100

55 203.2 228.4 268.4#

56 150.1 161.5 201.5#



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: 48.31 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

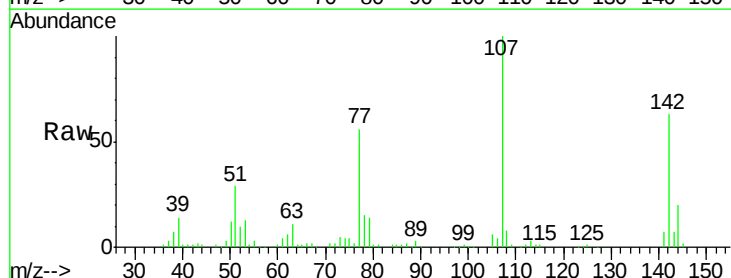
Tgt Ion:107 Resp: 175433

Ion Ratio Lower Upper

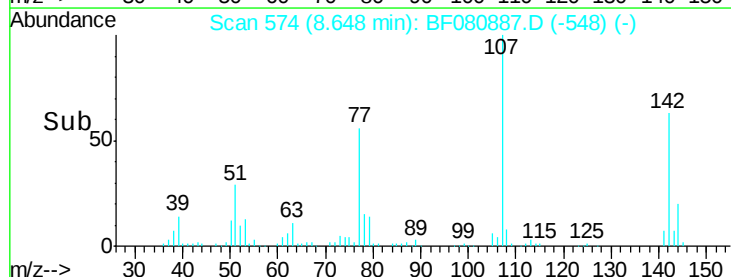
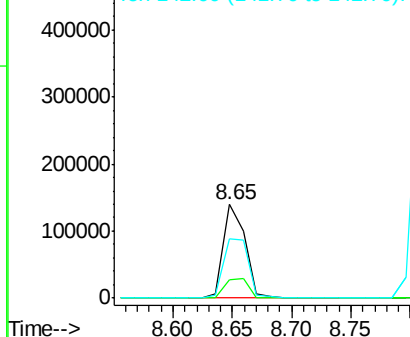
107 100

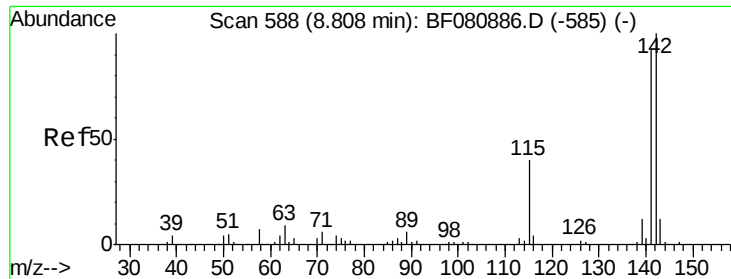
144 20.0 17.0 25.6

142 63.1 52.6 78.8



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

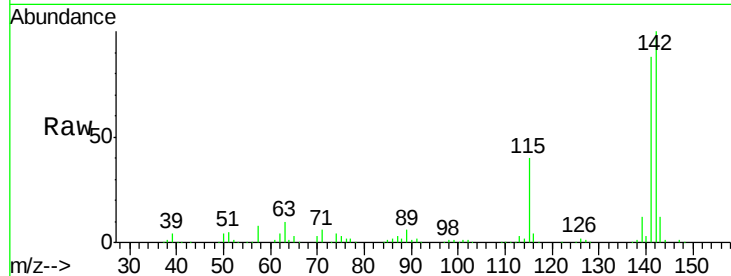




#37
 2-Methylnaphthalene
 Concen: 45.96 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.5	110.3
115	40.0	32.1	48.1

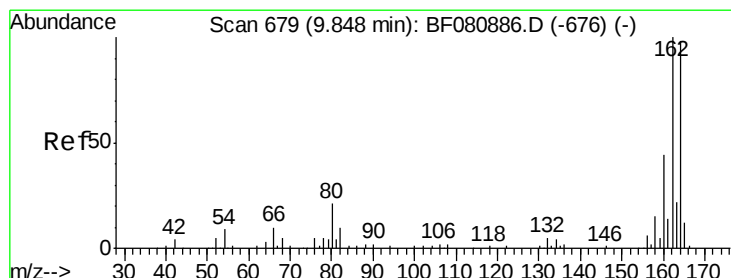
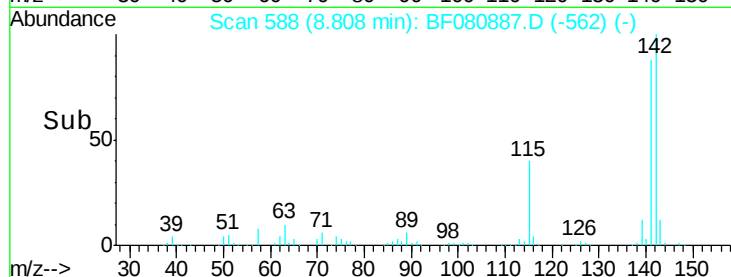
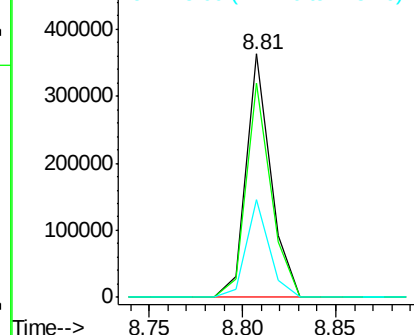


Abundance

Ion 142.00 (141.70 to 142.70): E

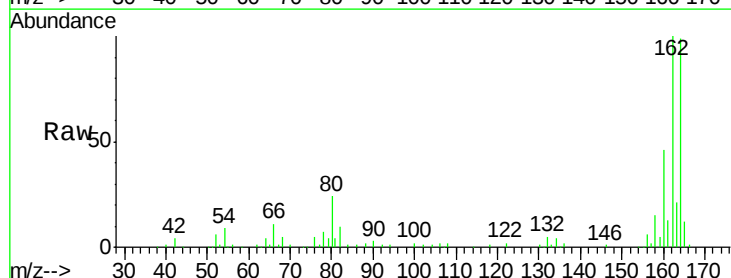
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.5	122.3
160	46.2	35.9	53.9

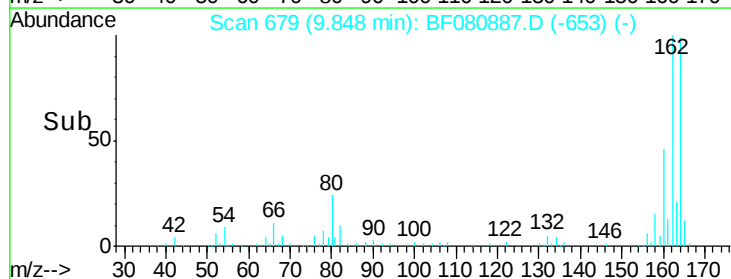
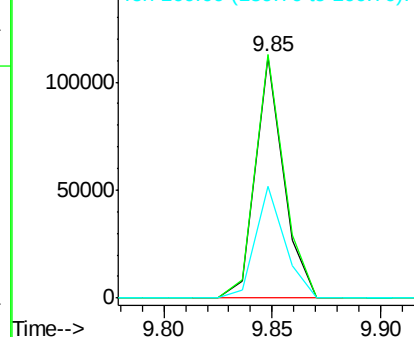


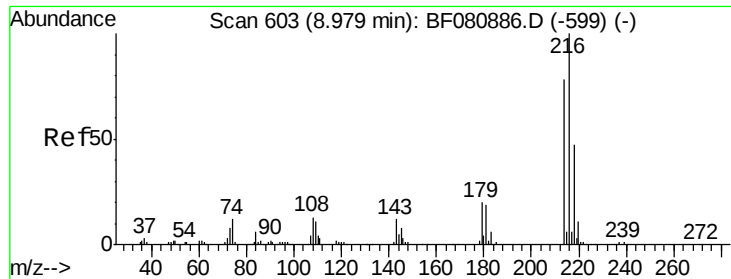
Abundance

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

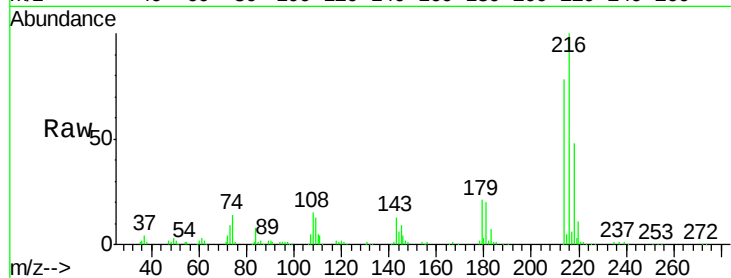




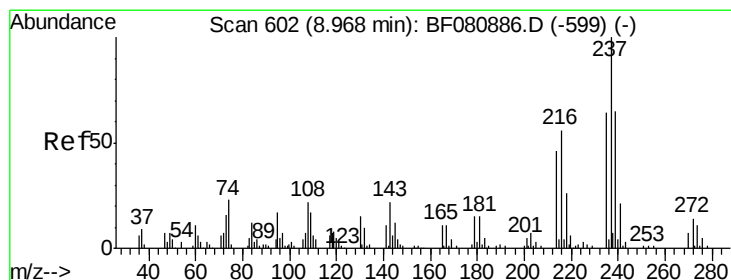
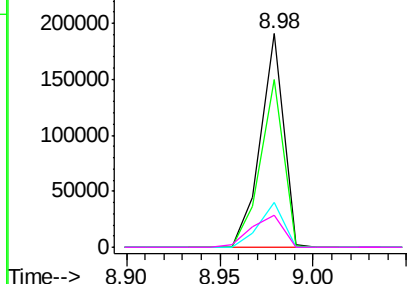
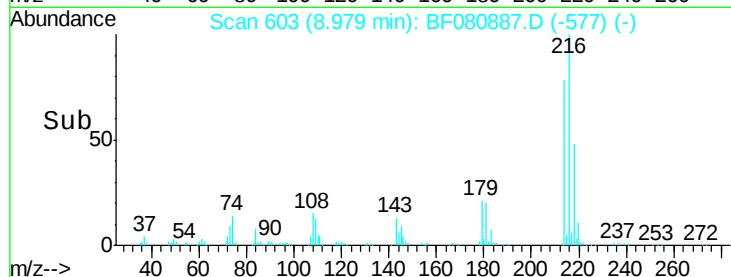
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.19 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	163027
Ion Ratio	Lower	Upper
216	100	
214	79.0	62.8 94.2
179	22.2	17.0 25.6
108	20.6	16.7 25.1

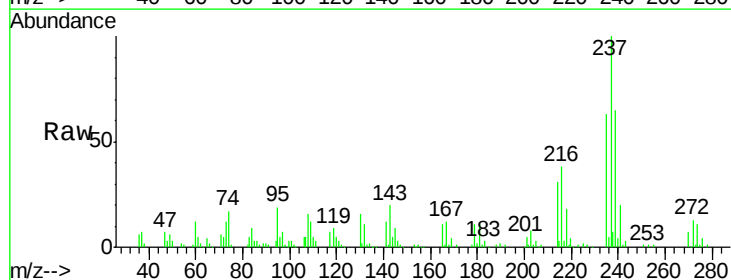


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

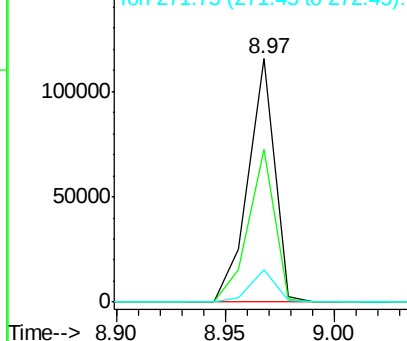
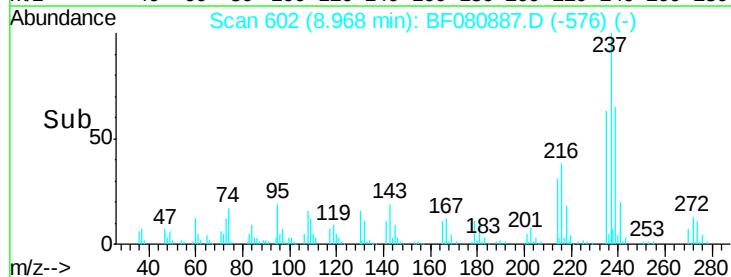


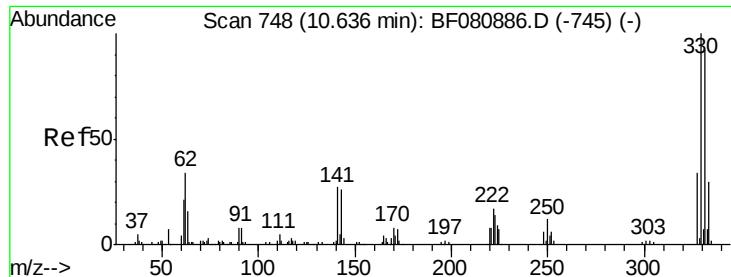
#40
 Hexachlorocyclopentadiene
 Concen: 55.86 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion:237	Resp:	98226
Ion Ratio	Lower	Upper
237	100	
235	62.8	43.7 83.7
272	13.3	0.0 33.8



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

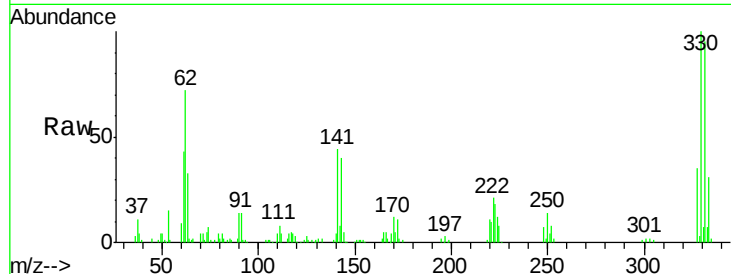




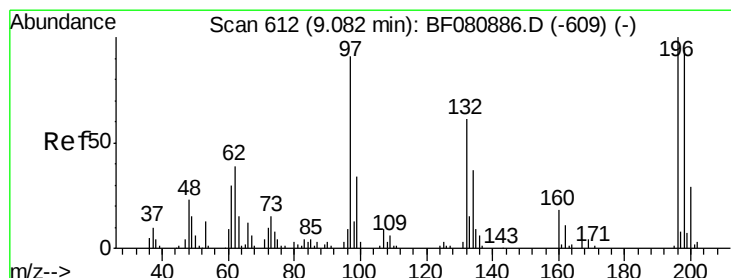
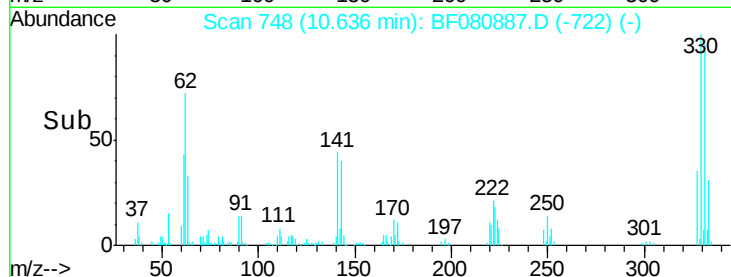
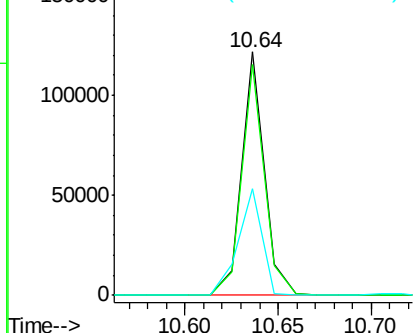
#41
 2,4,6-Tribromophenol
 Concen: 95.32 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	74.1	111.1
141	46.7	30.1	45.1#

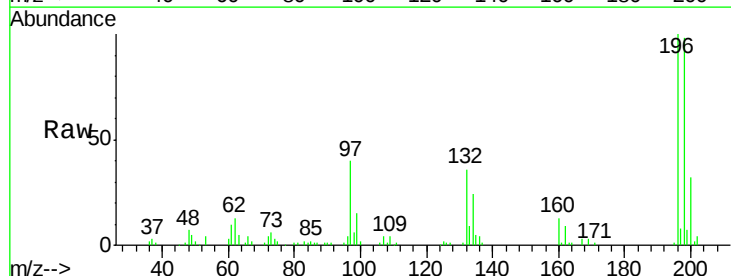


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

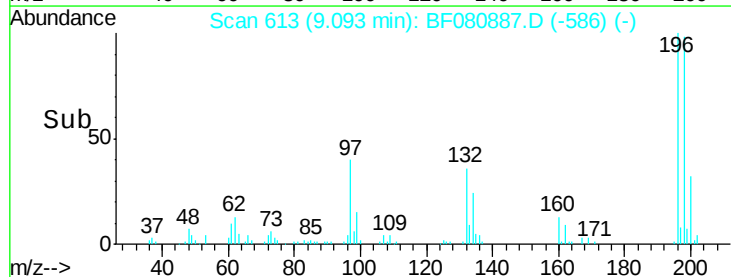
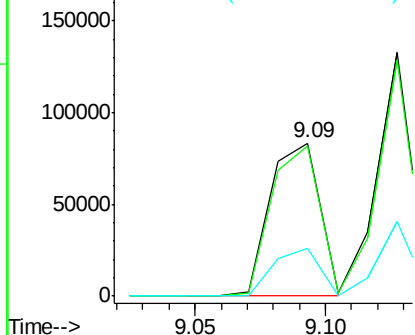


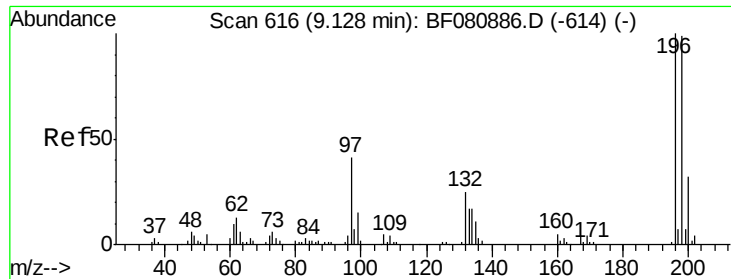
#42
 2,4,6-Trichlorophenol
 Concen: 48.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.9	112.3
200	31.6	23.2	34.8



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

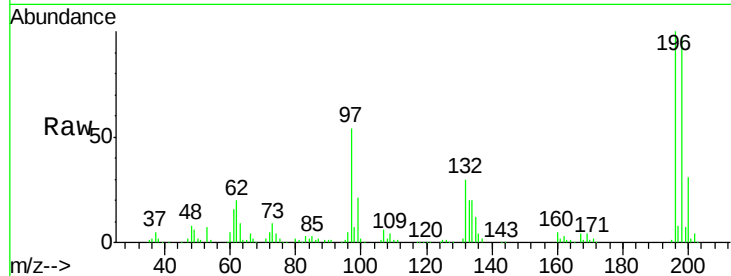




#43
 2,4,5-Trichlorophenol
 Concen: 54.10 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.7	118.1
97	54.1	33.9	50.9#
132	30.4	20.1	30.1#



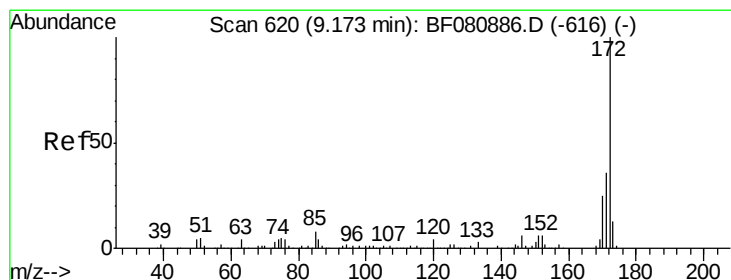
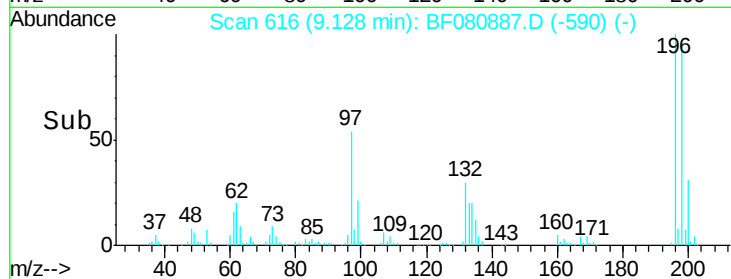
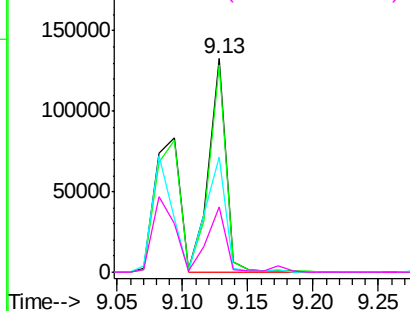
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

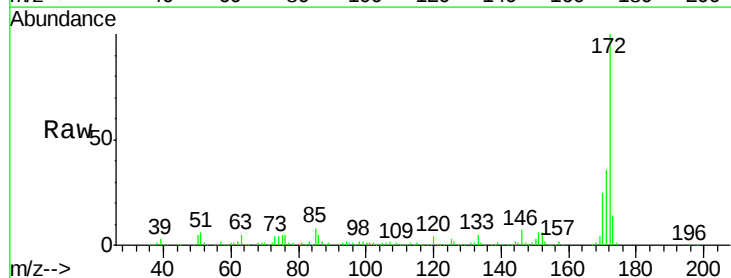
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.7	19.9	29.9

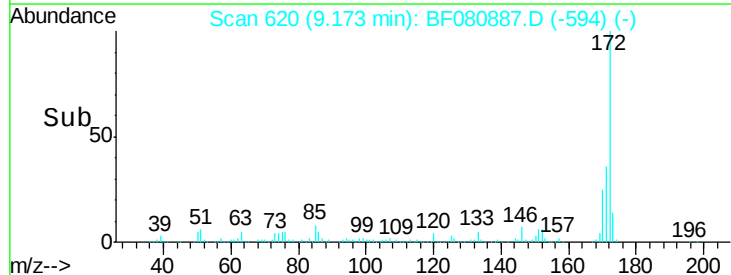
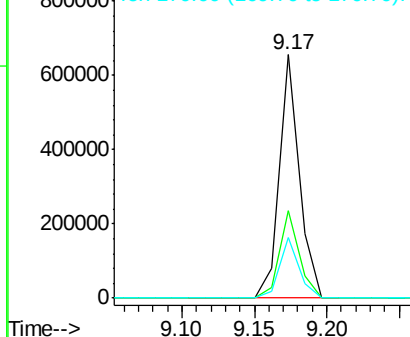


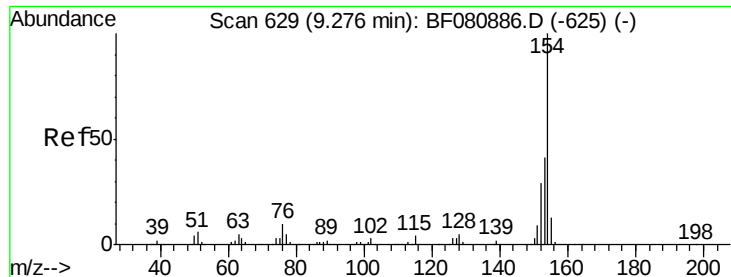
Abundance

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: 52.20 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

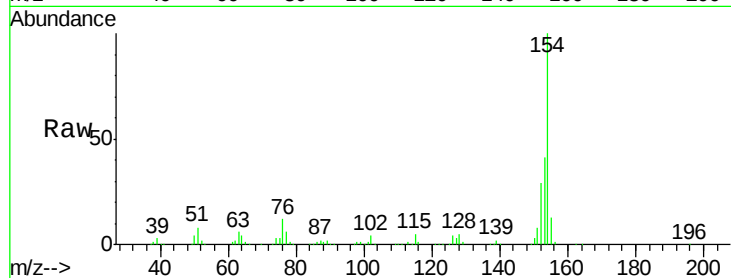
Tot Ion:154 Resp: 444315

Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

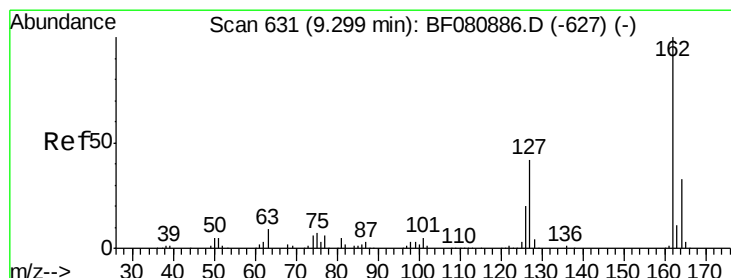
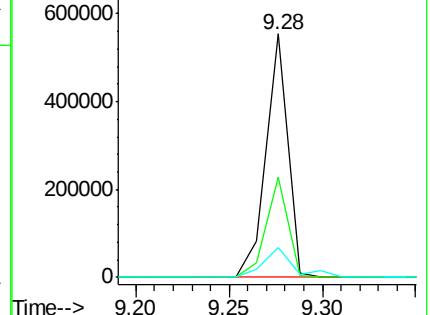
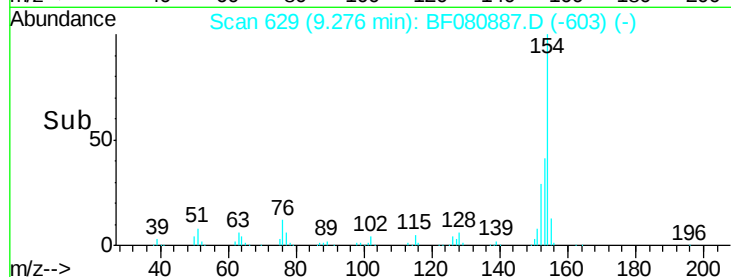
76 12.4 0.0 30.3



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: 52.44 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

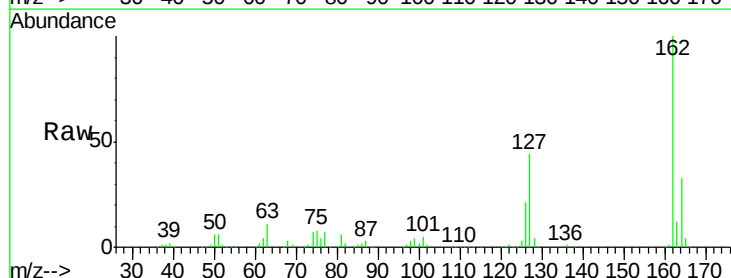
Tgt Ion:162 Resp: 348985

Ion Ratio Lower Upper

162 100

127 44.0 33.5 50.3

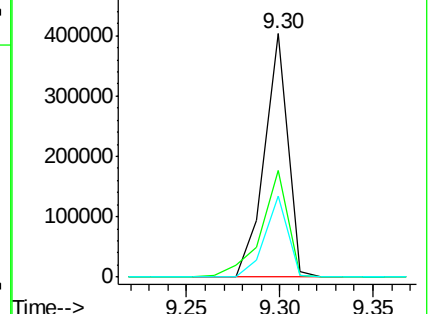
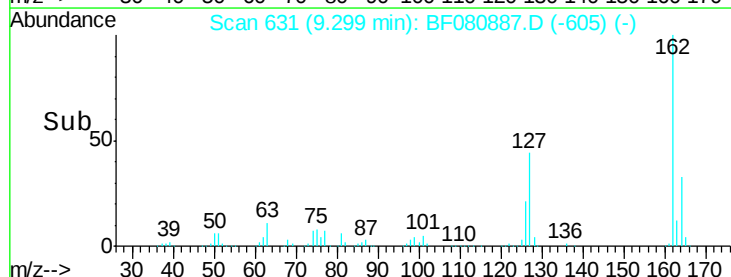
164 33.1 26.5 39.7

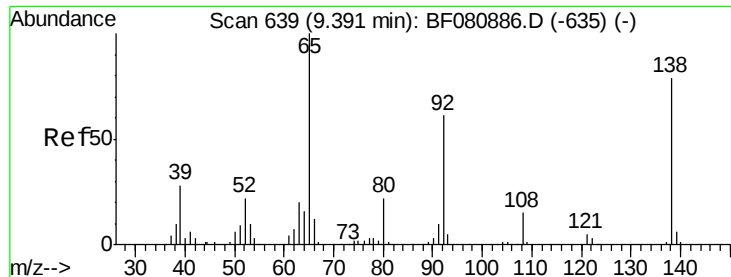


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

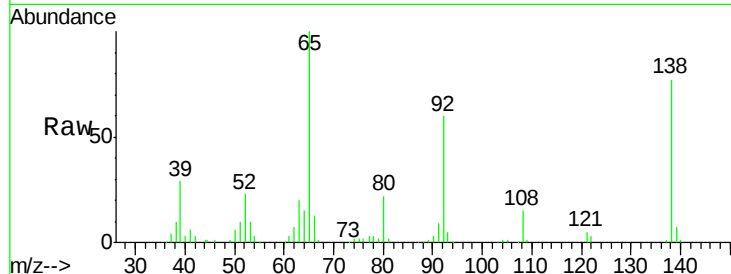




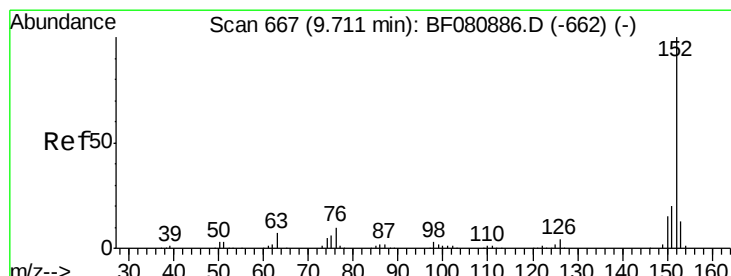
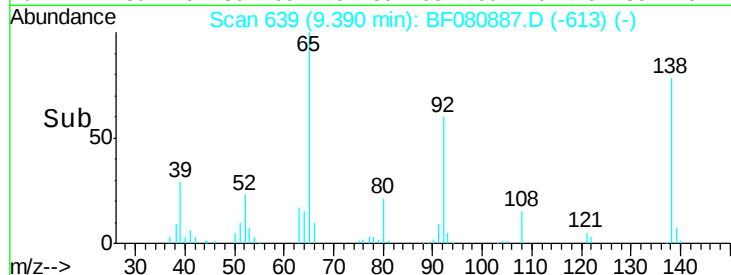
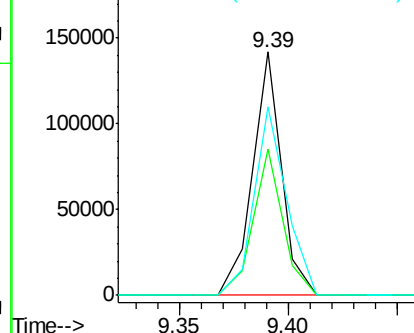
#47
2-Nitroaniline
Concen: 48.19 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 130441
Ion Ratio Lower Upper
65 100
92 60.2 48.5 72.7
138 77.4 63.3 94.9

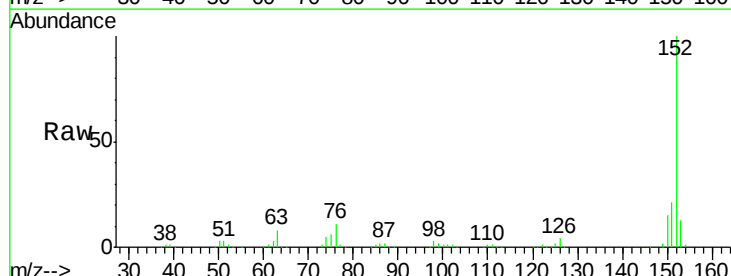


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

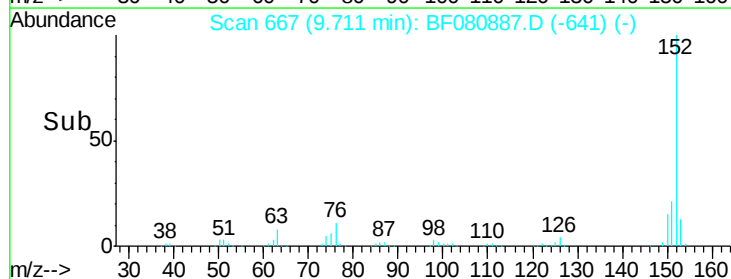
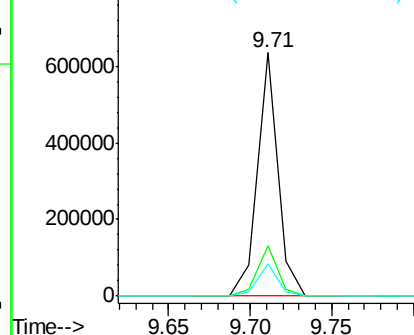


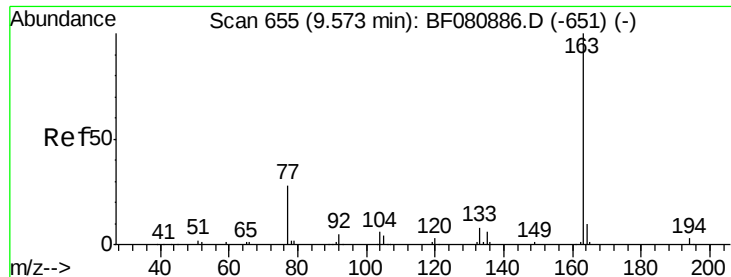
#48
Acenaphthylene
Concen: 47.63 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion: 152 Resp: 555996
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.5 10.6 16.0



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

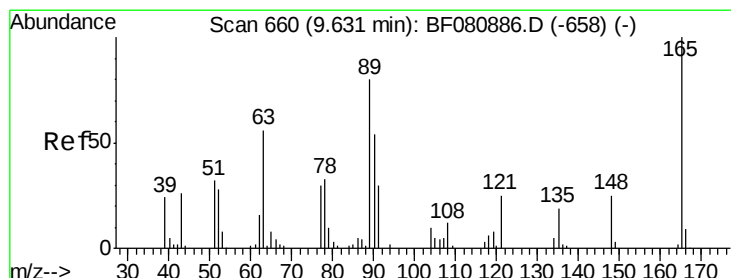
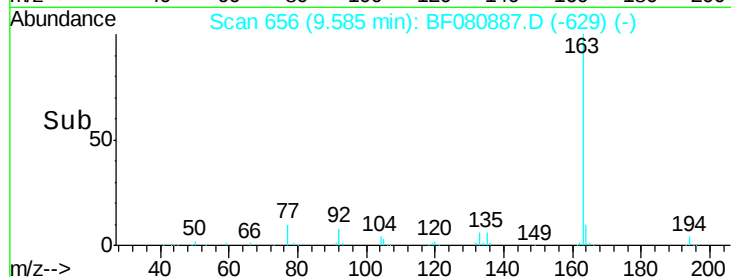
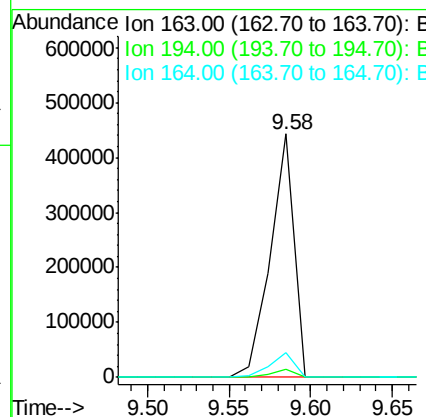
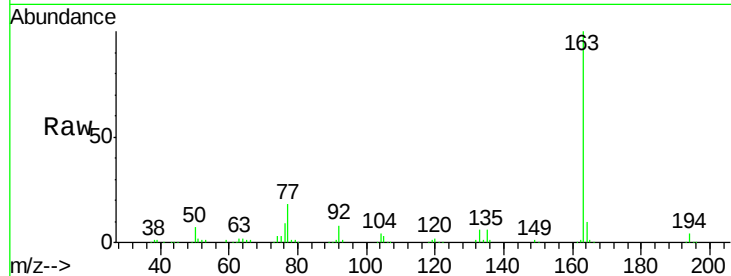




#49
Dimethylphthalate
Concen: 56.10 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

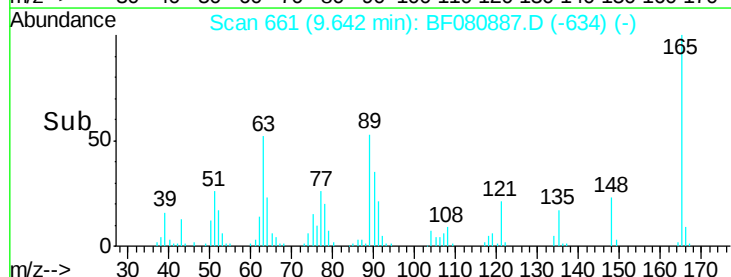
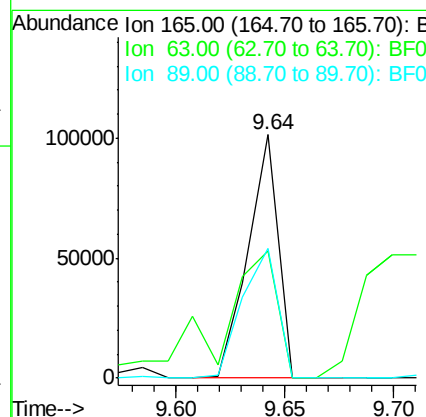
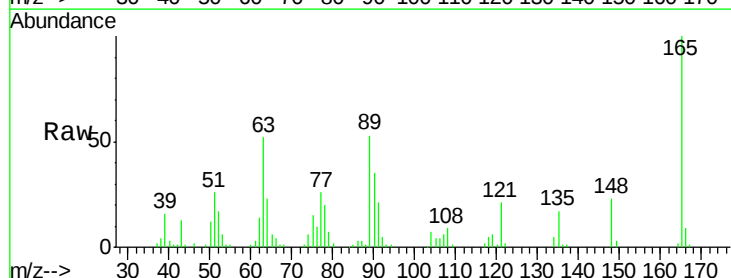
Instrument :
BNA_F
ClientSampled :

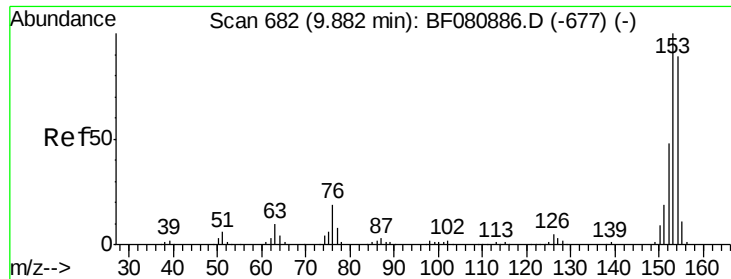
Tot Ion:163 Resp: 448206
Ion Ratio Lower Upper
163 100
194 3.5 2.3 3.5#
164 10.1 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 56.99 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:165 Resp: 97639
Ion Ratio Lower Upper
165 100
63 52.2 77.6 116.4#
89 53.3 63.7 95.5#





#51

Acenaphthene

Concen: 47.31 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

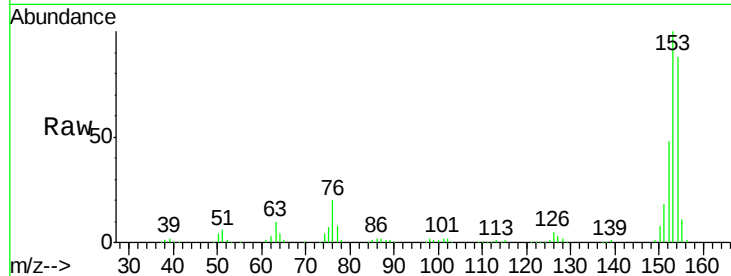
Tot Ion:154 Resp: 335513

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

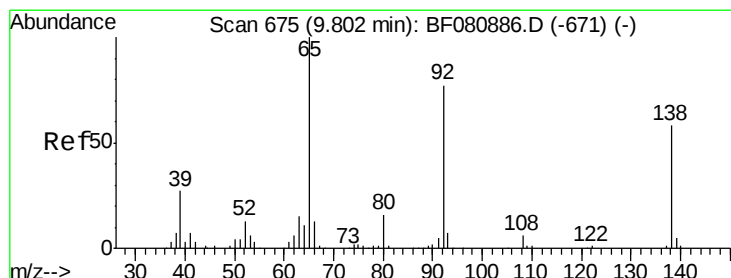
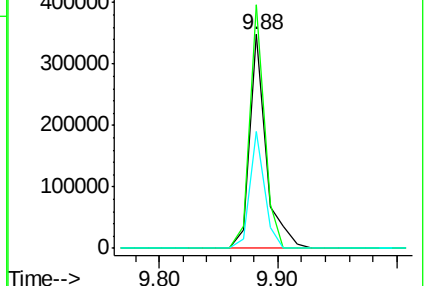
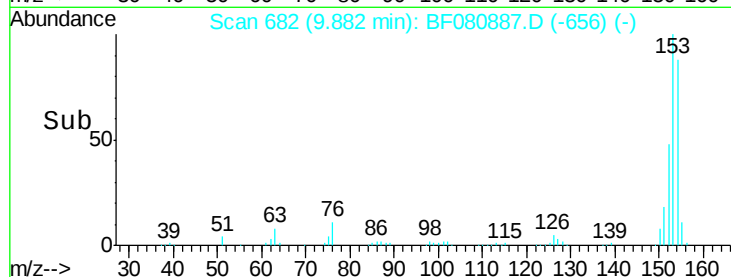
152 54.5 43.6 65.4



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: 46.79 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

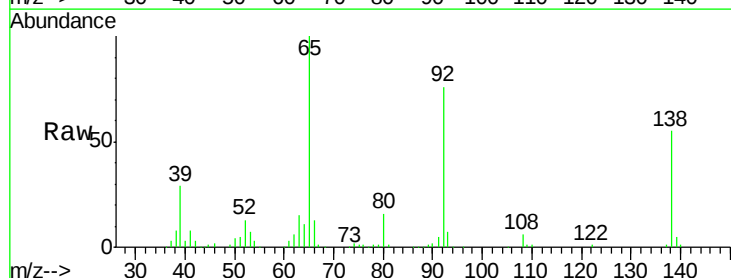
Tgt Ion:138 Resp: 99106

Ion Ratio Lower Upper

138 100

108 11.7 8.9 13.3

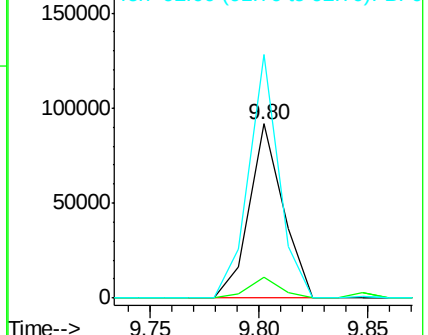
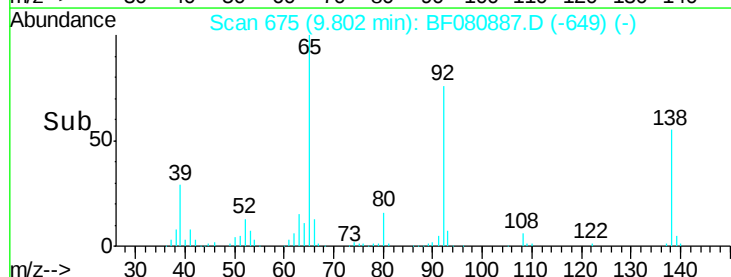
92 139.7 106.2 159.2

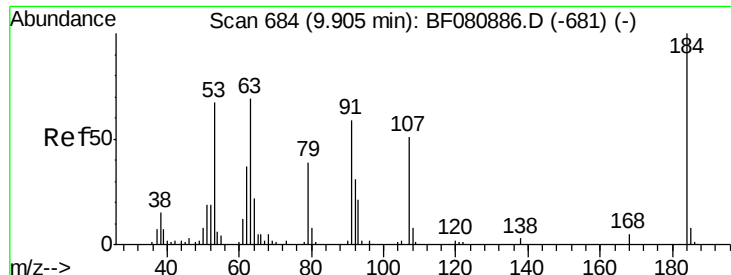


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

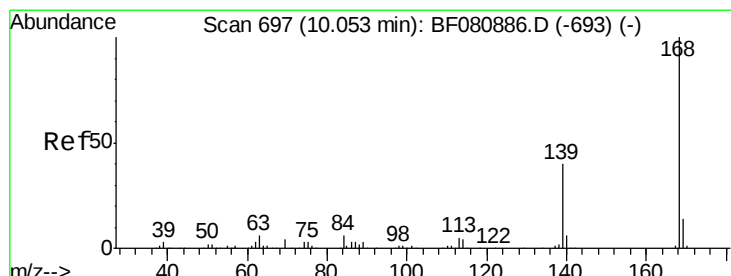
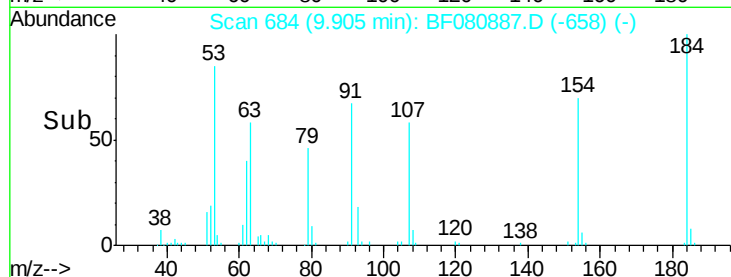
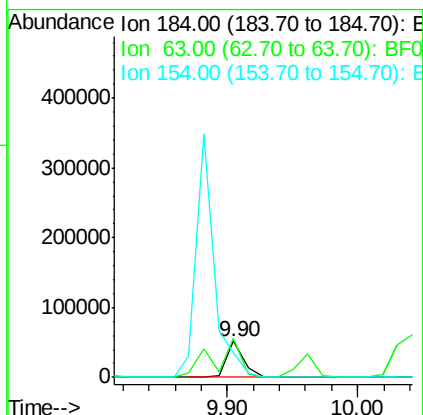
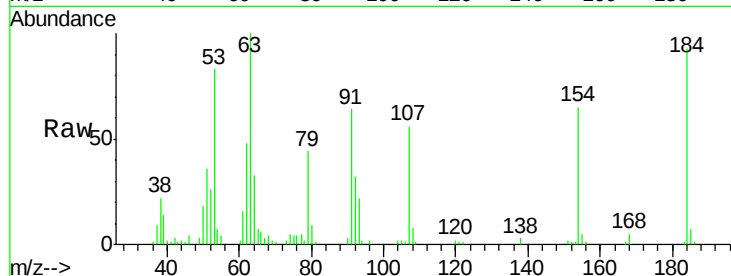




#53
2,4-Dinitrophenol
Concen: 51.27 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

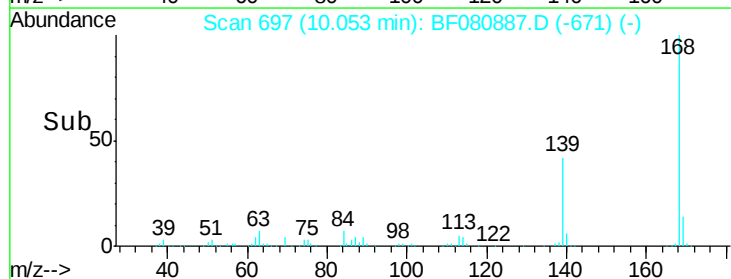
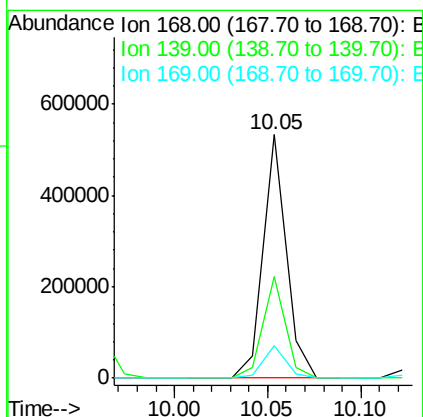
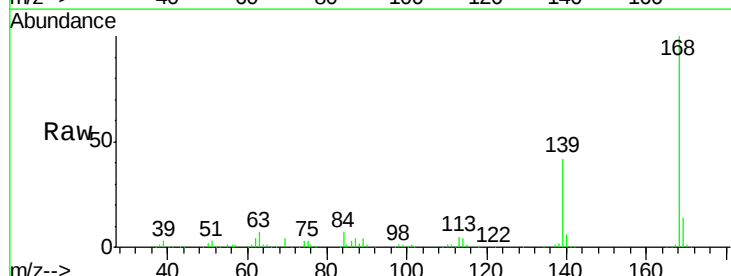
Instrument :
BNA_F
ClientSampleId :

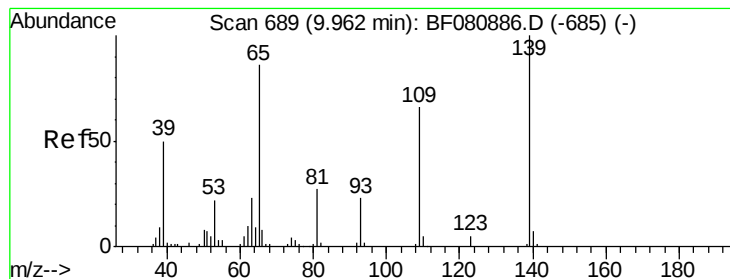
Tot Ion:184 Resp: 48126
Ion Ratio Lower Upper
184 100
63 107.4 67.6 101.4#
154 70.2 54.3 81.5



#54
Dibenzofuran
Concen: 47.56 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:168 Resp: 456886
Ion Ratio Lower Upper
168 100
139 41.7 31.8 47.8
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 53.50 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampled :

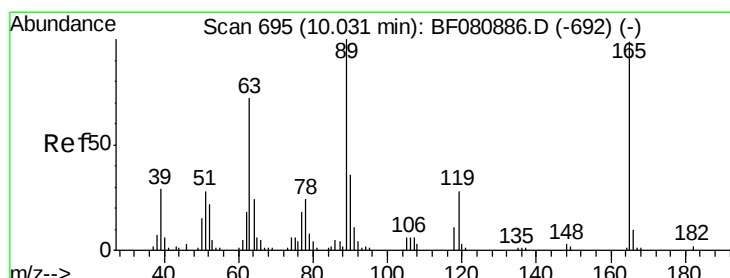
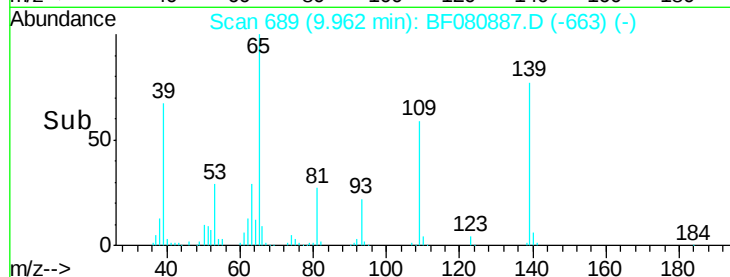
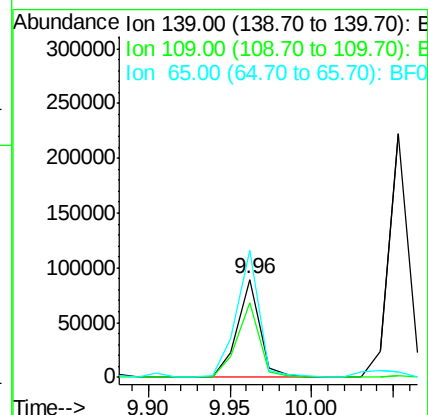
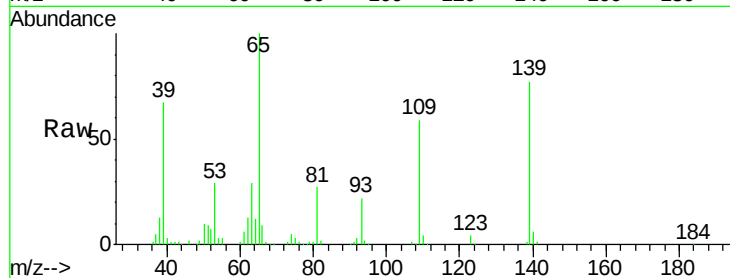
Tot Ion:139 Resp: 85534

Ion Ratio Lower Upper

139 100

109 76.4 46.4 86.4

65 130.0 65.6 105.6#



#56

2,4-Dinitrotoluene

Concen: 58.51 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Tgt Ion:165 Resp: 134859

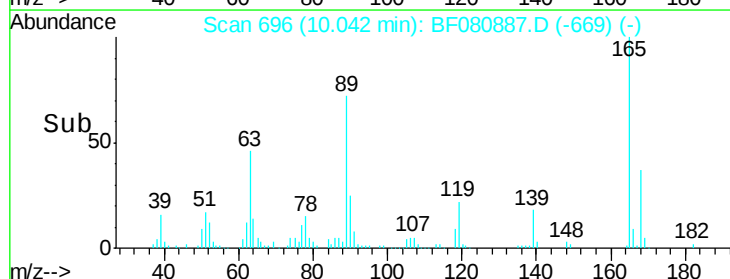
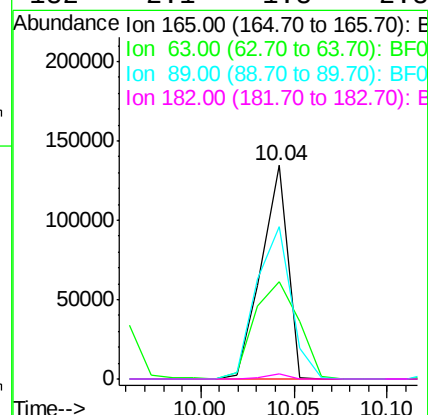
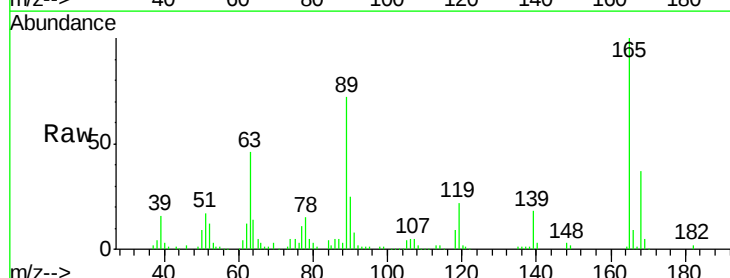
Ion Ratio Lower Upper

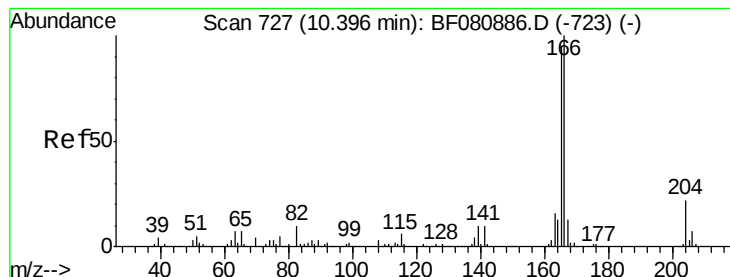
165 100

63 45.5 58.6 87.8#

89 71.5 80.7 121.1#

182 2.1 1.8 2.8





#57

Fluorene

Concen: 48.57 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampled :

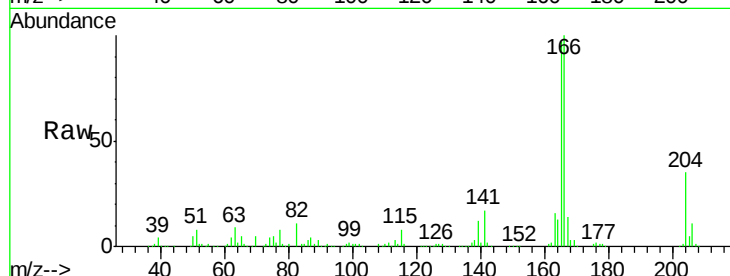
Tot Ion:166 Resp: 365087

Ion Ratio Lower Upper

166 100

165 96.6 75.9 113.9

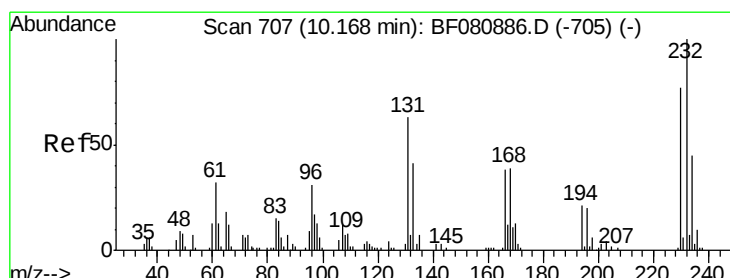
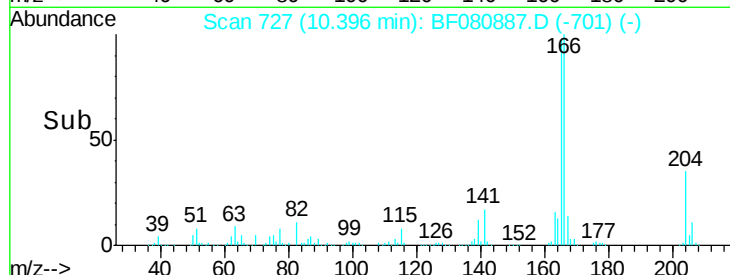
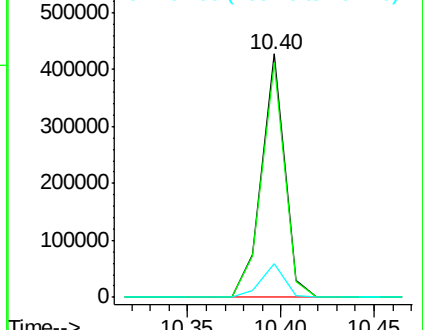
167 13.7 10.8 16.2



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: 49.81 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Tgt Ion:232 Resp: 90441

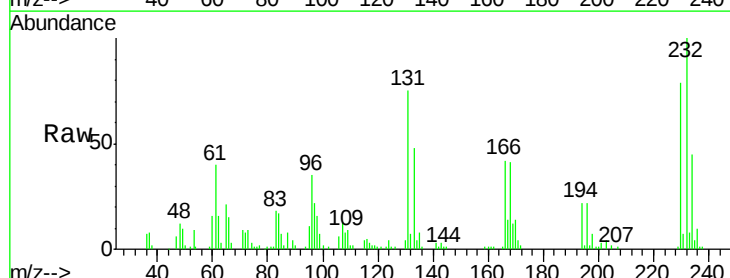
Ion Ratio Lower Upper

232 100

131 54.5 44.9 67.3

130 2.4 1.9 2.9

166 33.3 27.2 40.8

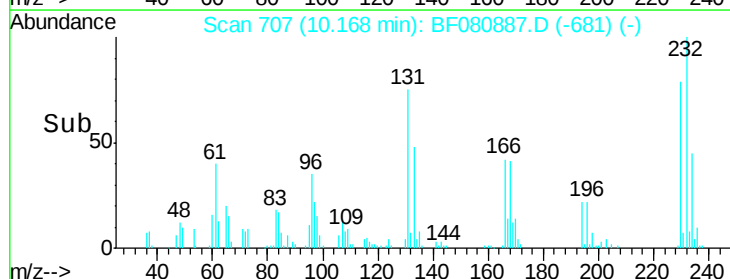
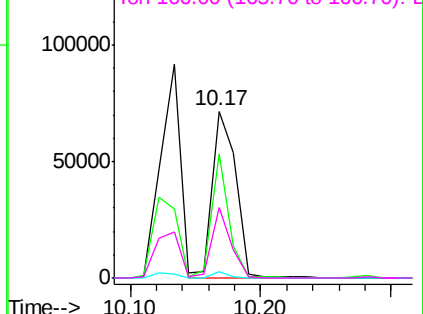


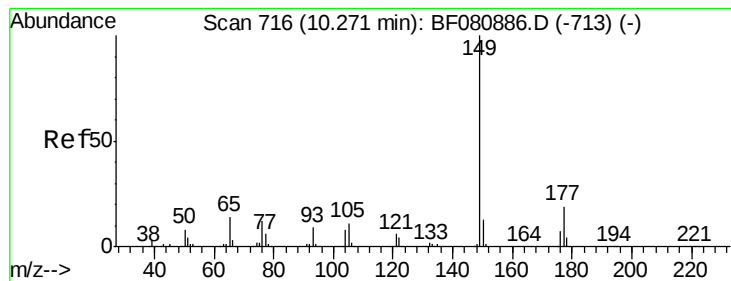
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.69 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080887.D

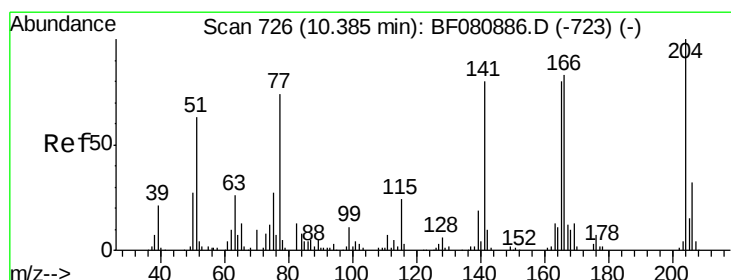
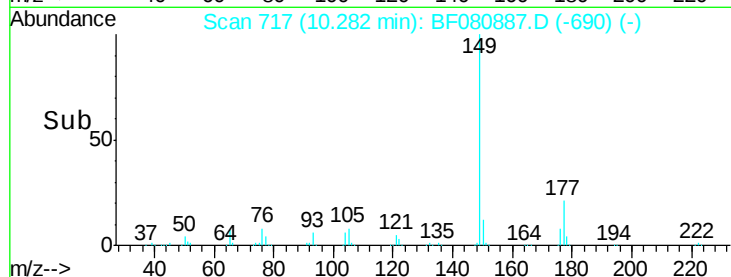
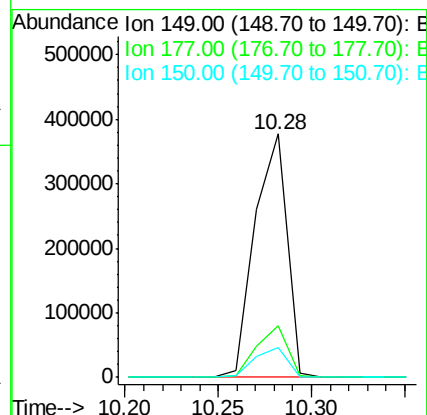
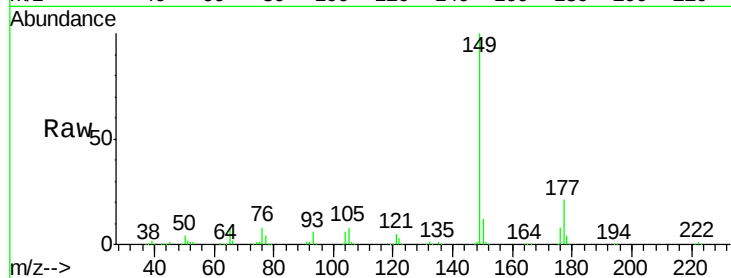
Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	449897
Ion Ratio	Lower	Upper
149	100	
177	21.4	14.9 22.3
150	12.3	10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 49.16 ng

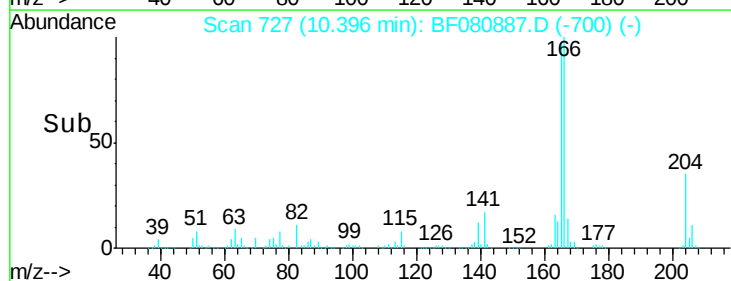
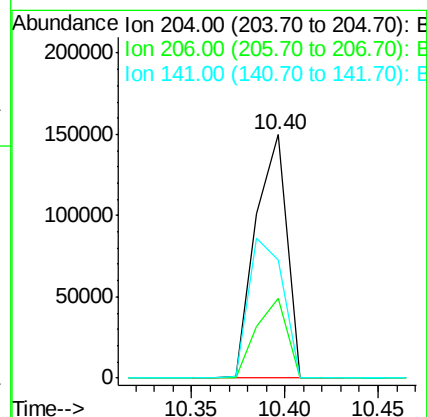
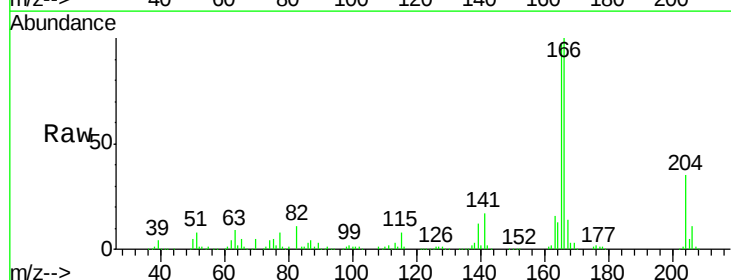
RT: 10.40 min Scan# 727

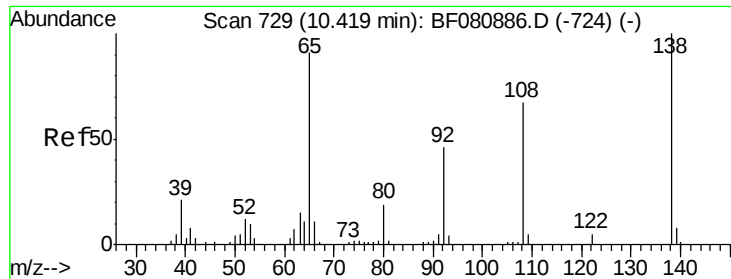
Delta R.T. 0.01 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Tgt Ion:204	Resp:	173177
Ion Ratio	Lower	Upper
204	100	
206	32.6	25.8 38.6
141	48.3	63.8 95.6#

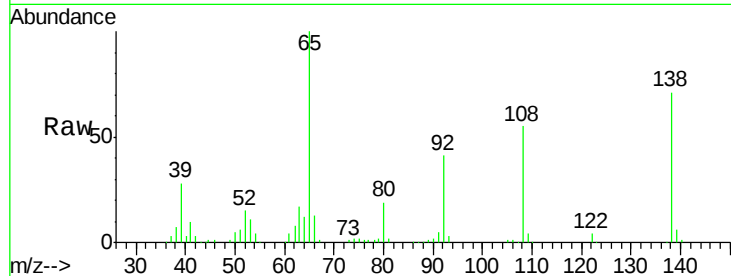




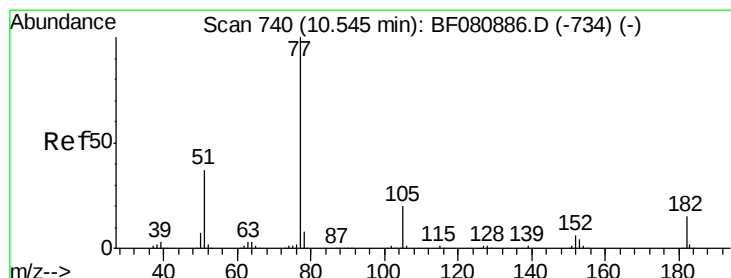
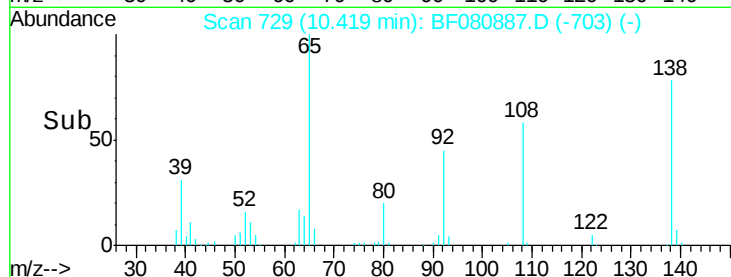
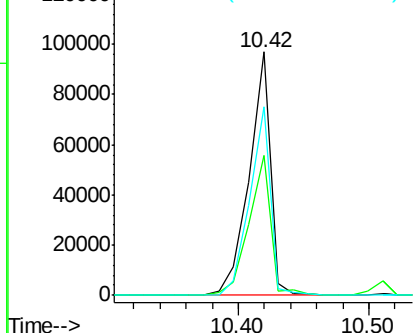
#61
4-Nitroaniline
Concen: 50.94 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 110670
Ion Ratio Lower Upper
138 100
92 57.5 25.6 65.6
108 77.6 46.9 86.9

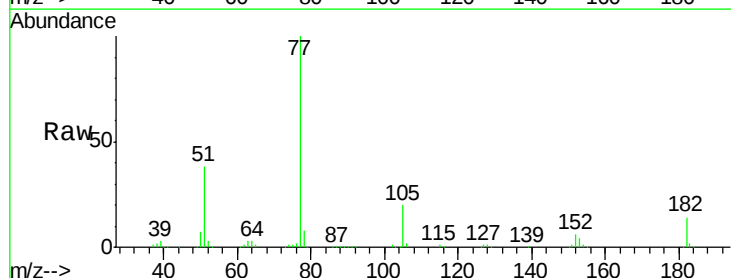


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

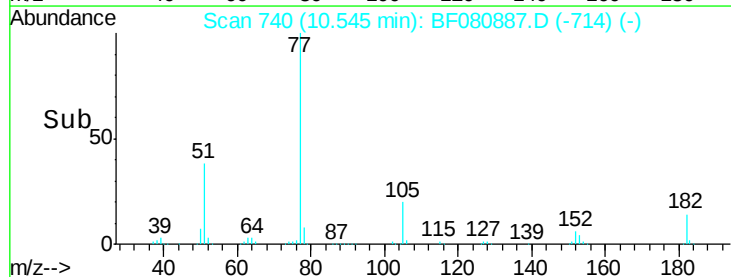
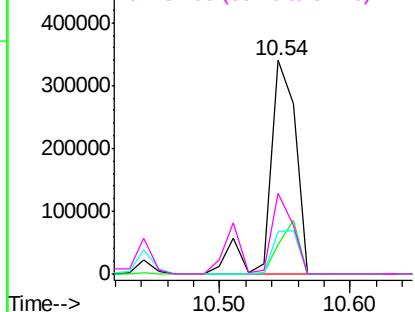


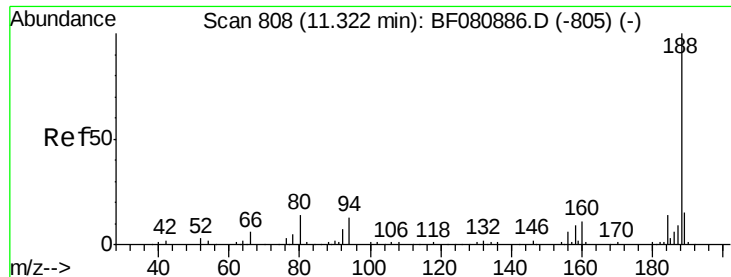
#62
Azobenzene
Concen: 50.46 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion: 77 Resp: 481273
Ion Ratio Lower Upper
77 100
182 13.7 0.0 34.5
105 19.7 0.2 40.2
51 37.9 16.7 56.7



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

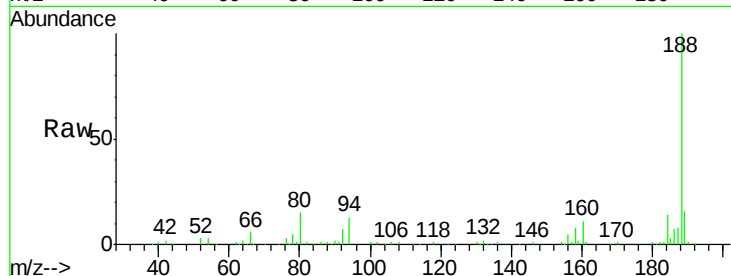




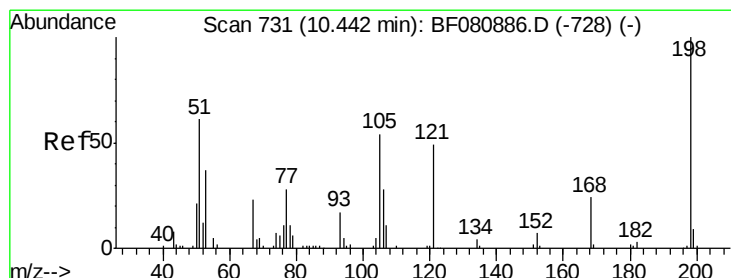
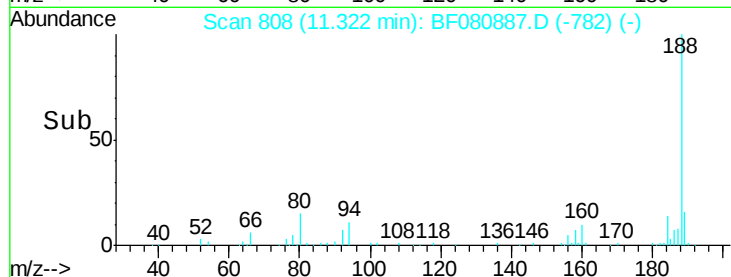
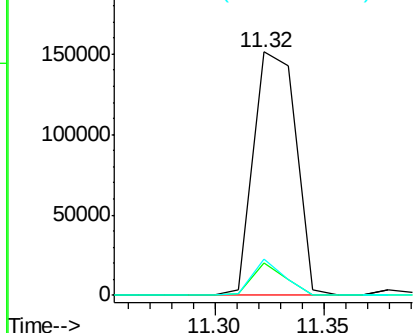
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 206710
 Ion Ratio Lower Upper
 188 100
 94 13.1 10.2 15.2
 80 15.1 11.4 17.2

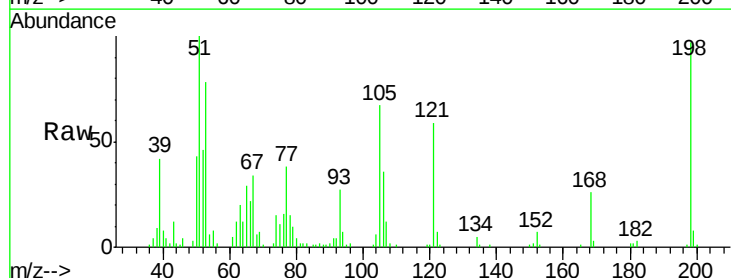


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

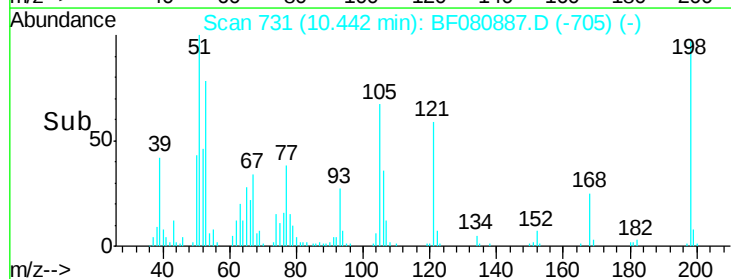
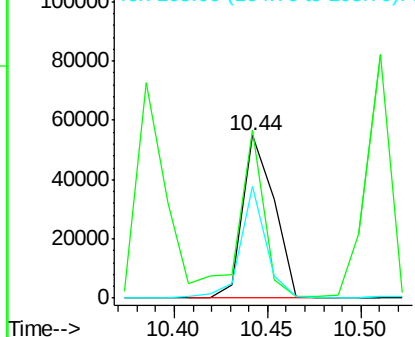


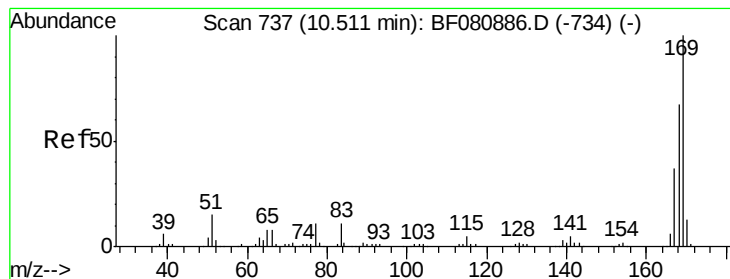
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.69 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion:198 Resp: 64221
 Ion Ratio Lower Upper
 198 100
 51 102.9 47.9 87.9#
 105 69.0 35.0 75.0



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

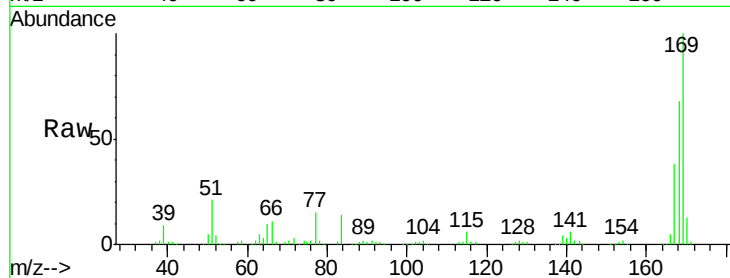




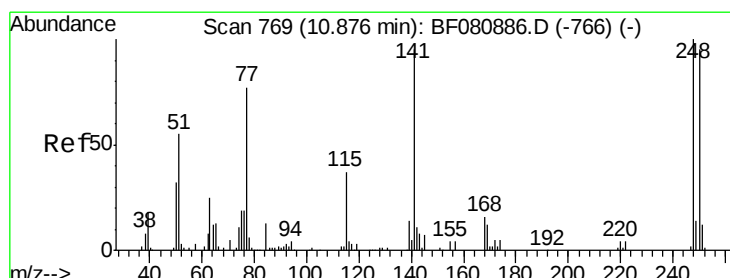
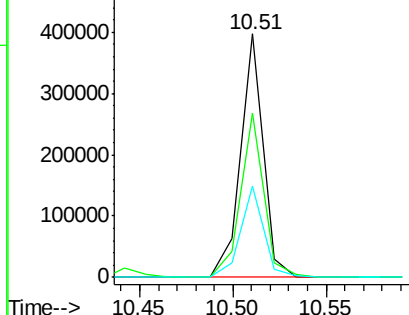
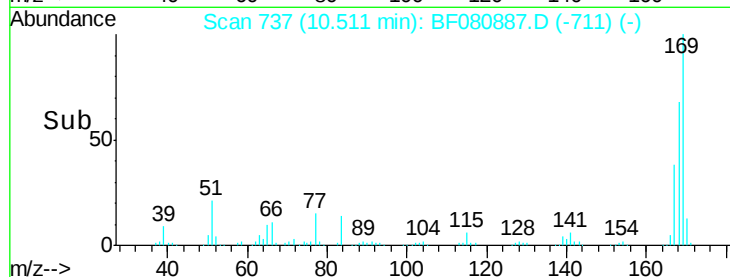
#65
 n-Nitrosodiphenylamine
 Concen: 45.80 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.0	81.0
167	37.7	29.8	44.8

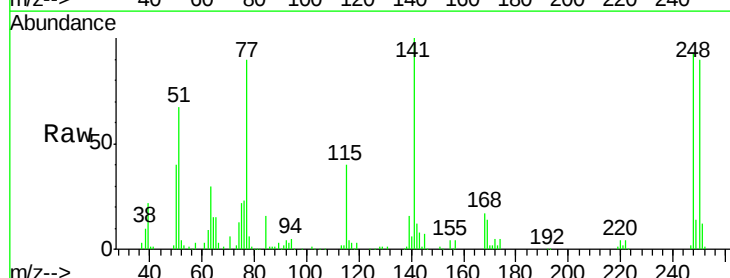


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

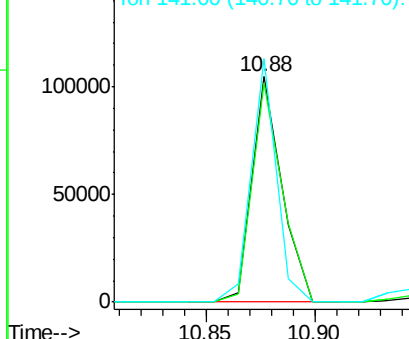
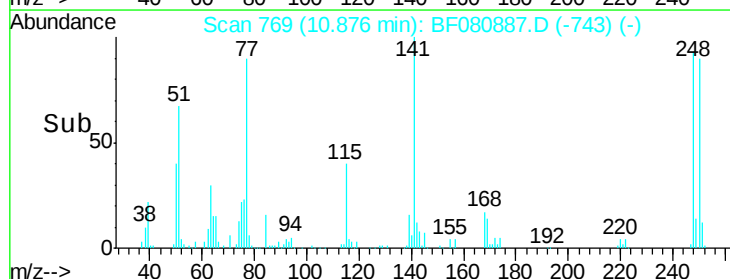


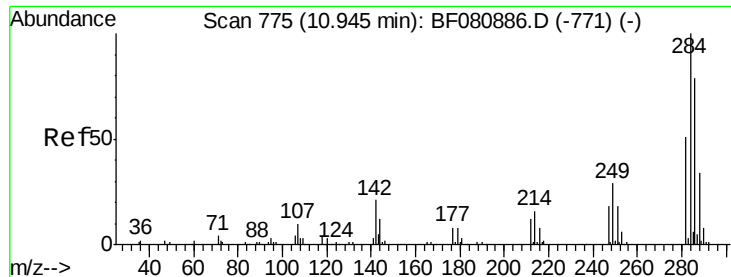
#66
 4-Bromophenyl-phenylether
 Concen: 44.11 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.9	113.9
141	108.0	75.8	113.6



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

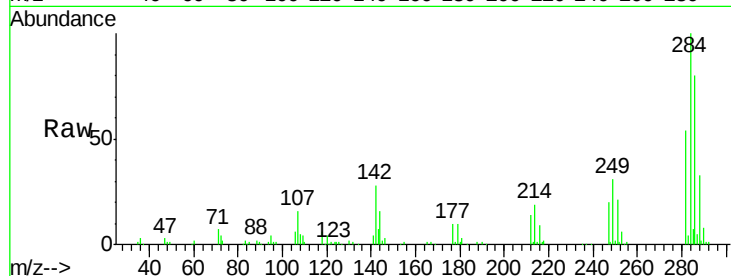




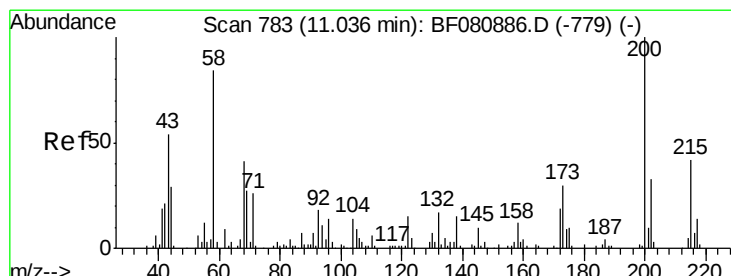
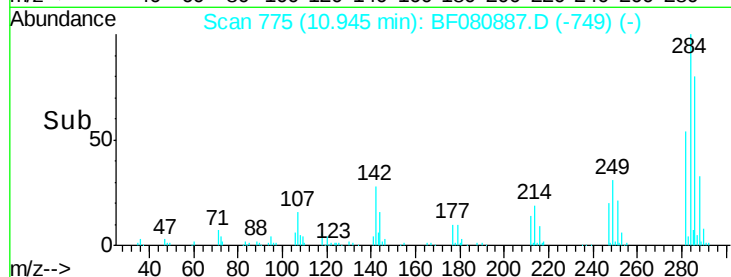
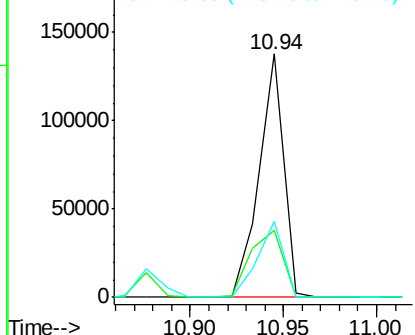
#67
Hexachlorobenzene
Concen: 51.50 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 125107
Ion Ratio Lower Upper
284 100
142 27.7 16.4 24.6#
249 31.3 23.1 34.7

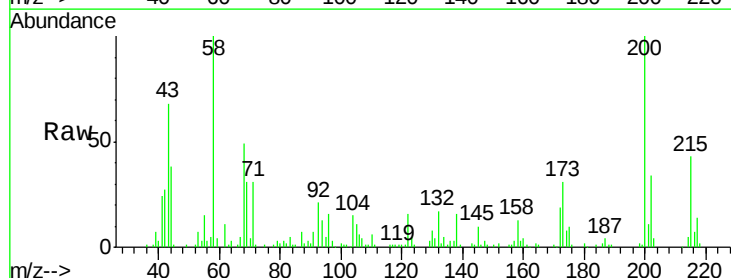


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

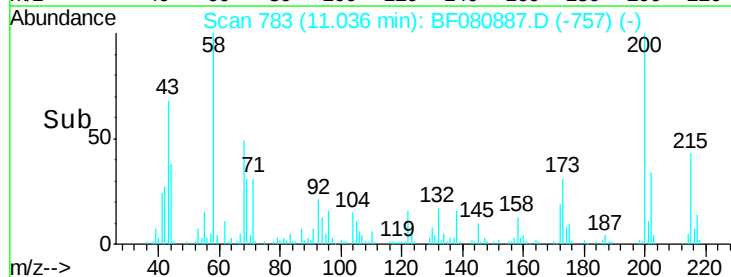
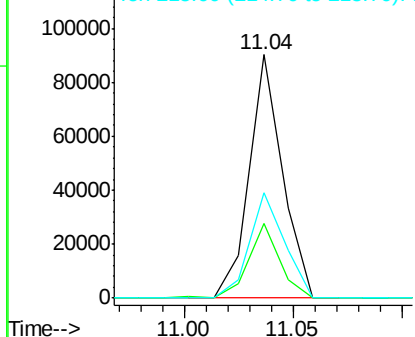


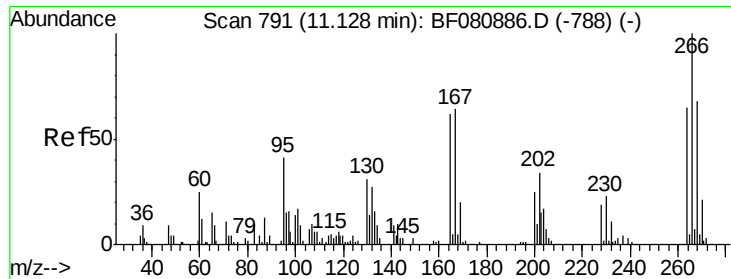
#68
Atrazine
Concen: 44.91 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:200 Resp: 95511
Ion Ratio Lower Upper
200 100
173 30.5 10.0 50.0
215 43.2 22.3 62.3



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

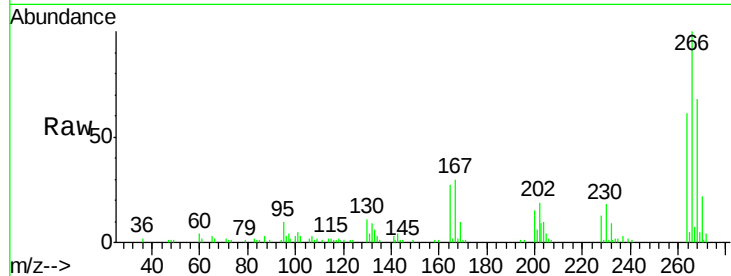




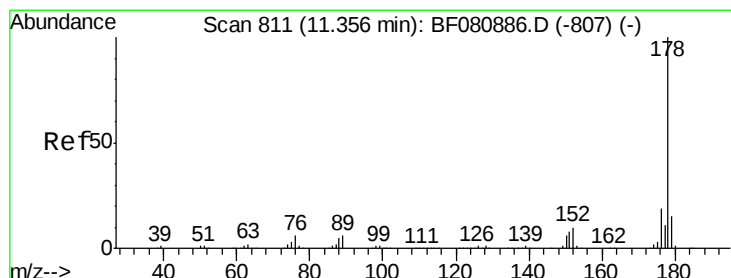
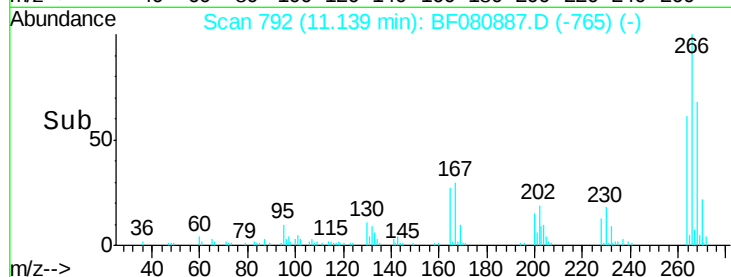
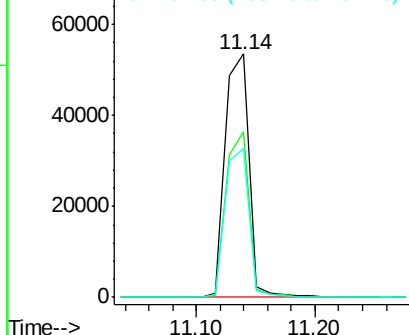
#69
 Pentachlorophenol
 Concen: 54.51 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 74224
 Ion Ratio Lower Upper
 266 100
 268 67.9 54.1 81.1
 264 61.3 51.6 77.4

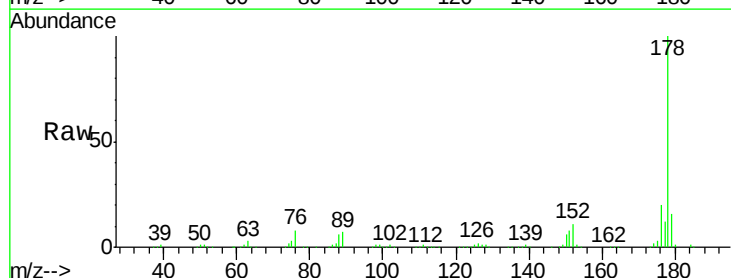


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

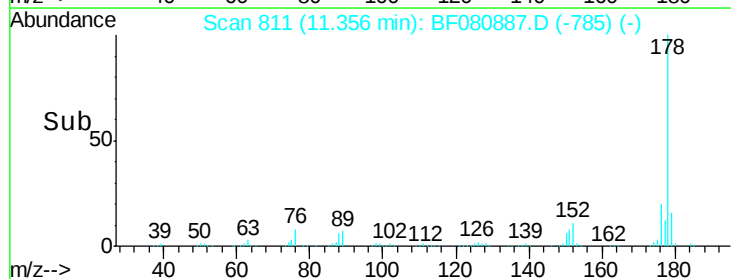
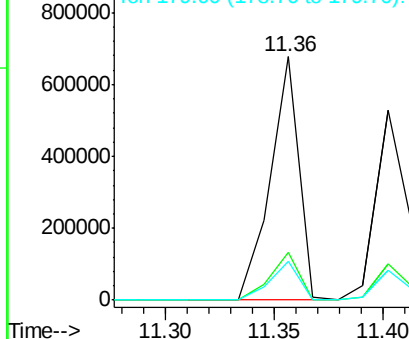


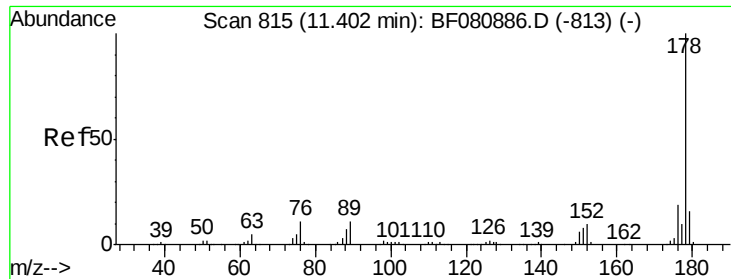
#70
 Phenanthrene
 Concen: 51.70 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion:178 Resp: 625423
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.7 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

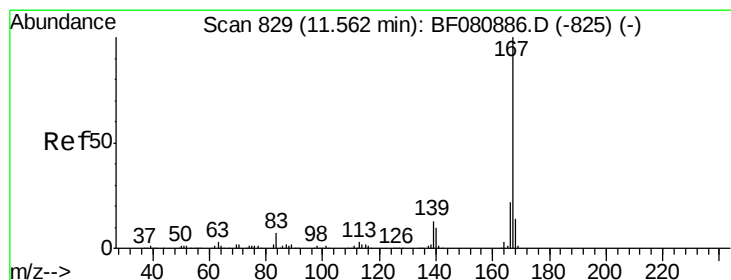
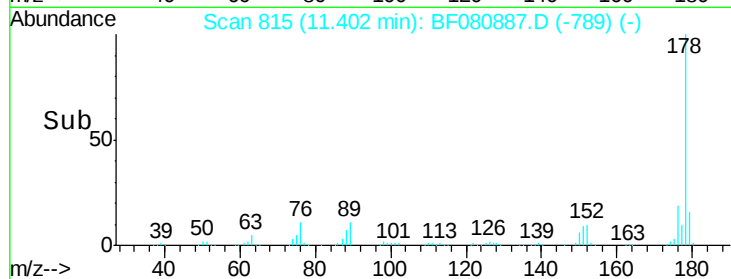
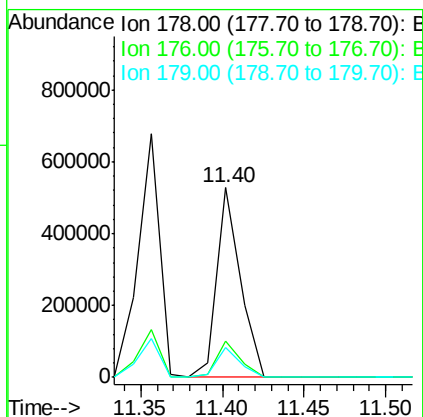
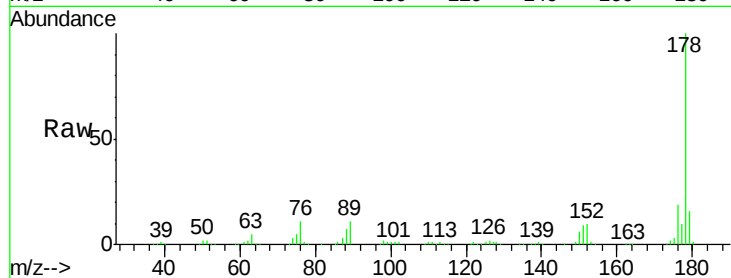




#71
 Anthracene
 Concen: 44.50 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

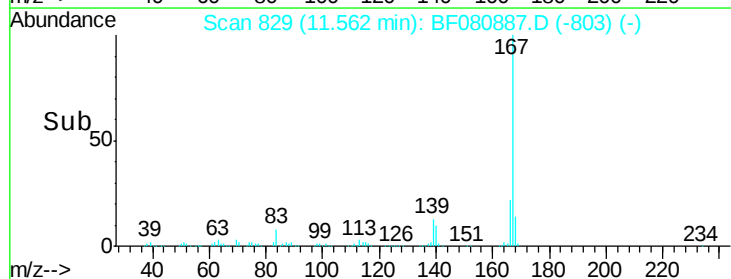
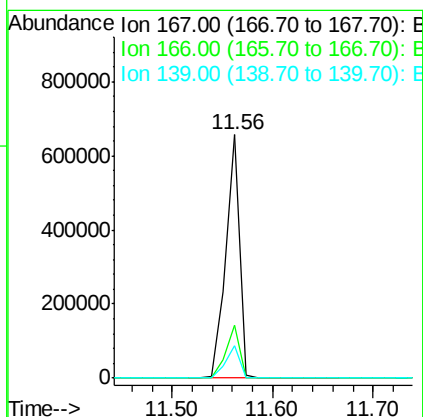
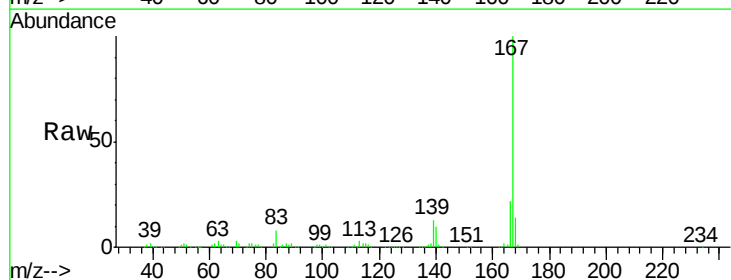
Instrument :
 BNA_F
 ClientSampled :

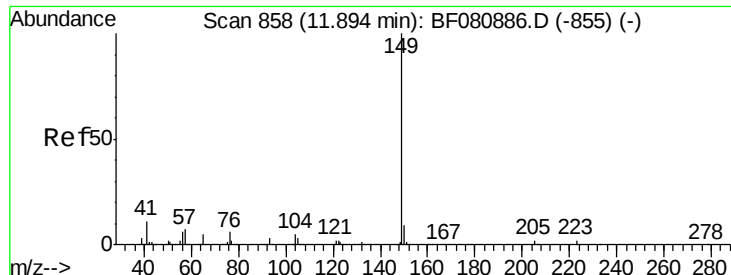
Tot Ion:178 Resp: 529758
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 51.67 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion:167 Resp: 621317
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.5 10.2 15.2





#73

Di-n-butylphthalate

Concen: 45.50 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

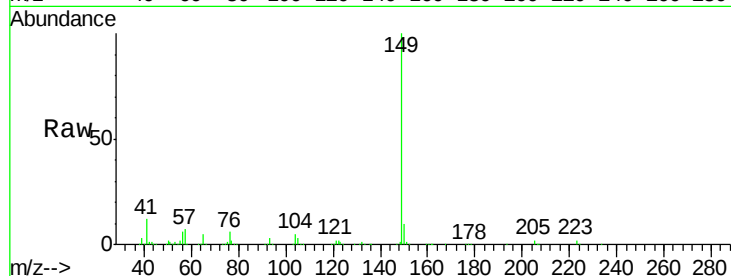
Tot Ion:149 Resp: 667091

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

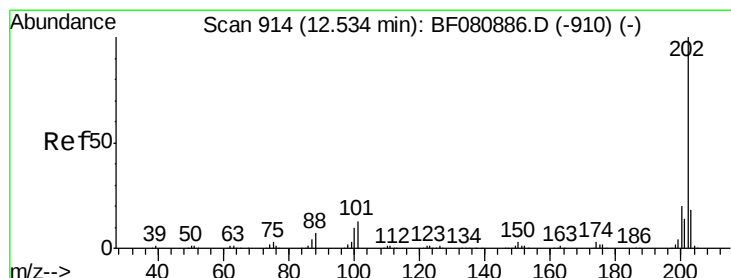
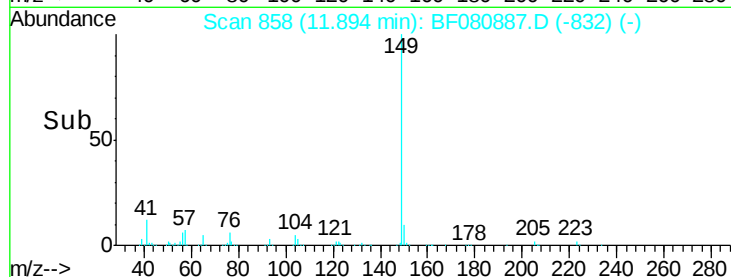
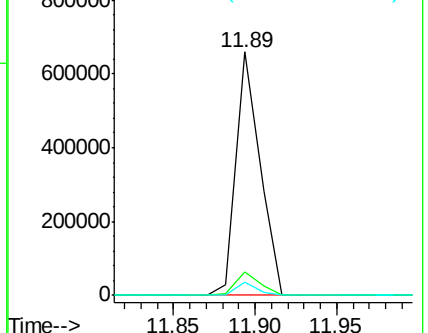
104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.25 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

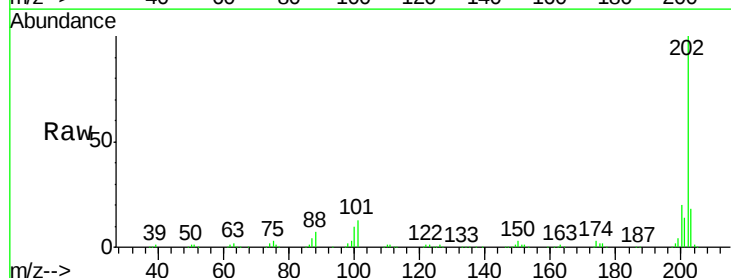
Tgt Ion:202 Resp: 598512

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.7

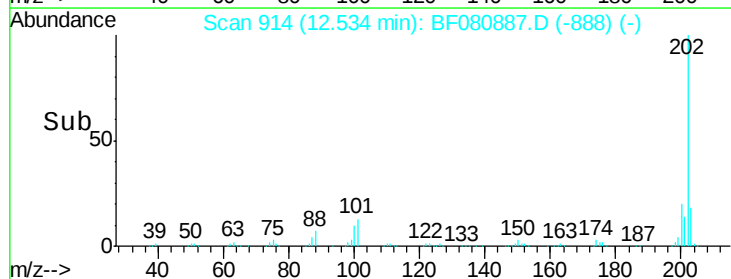
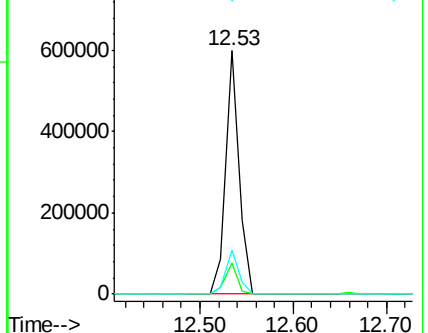
203 18.0 0.0 37.6

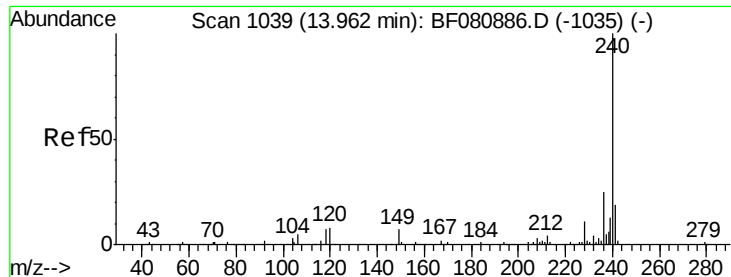


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

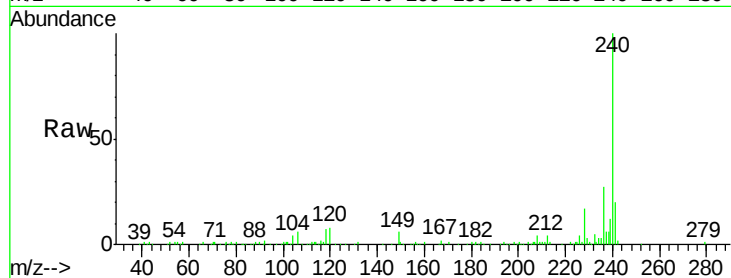
Tot Ion:240 Resp: 187060

Ion Ratio Lower Upper

240 100

120 8.3 6.4 9.6

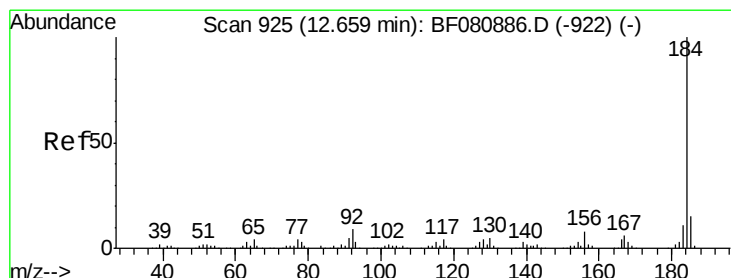
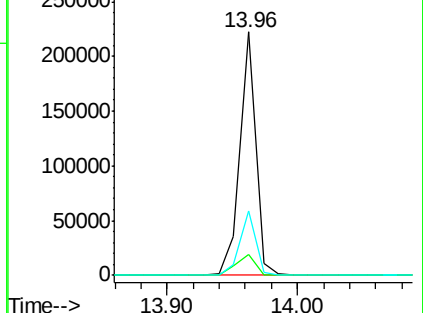
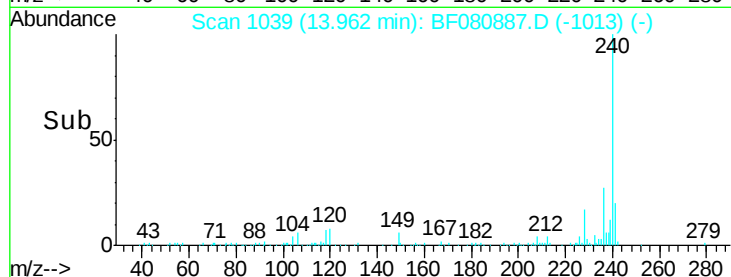
236 26.7 20.2 30.4



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: 47.18 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

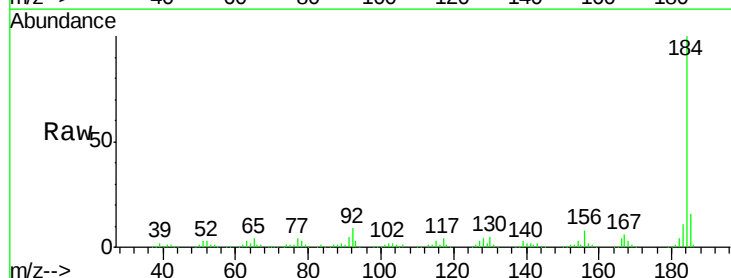
Tgt Ion:184 Resp: 360536

Ion Ratio Lower Upper

184 100

185 16.1 12.4 18.6

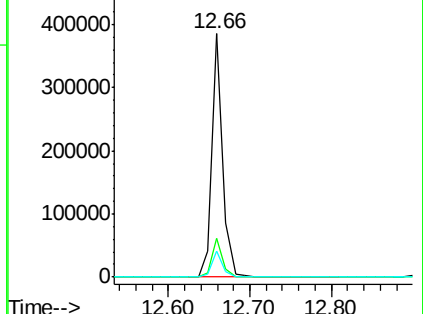
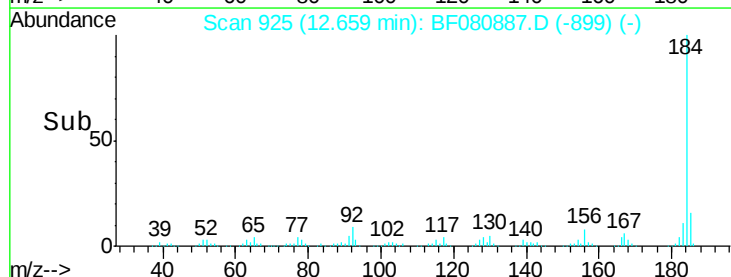
183 11.0 8.9 13.3

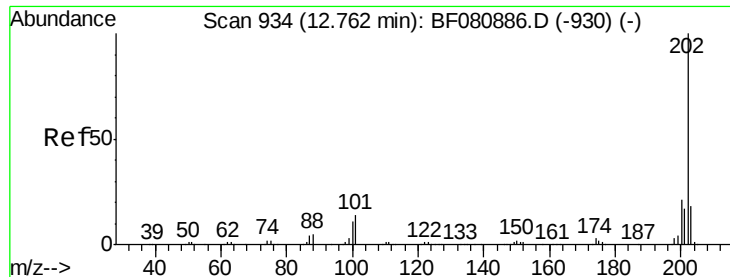


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

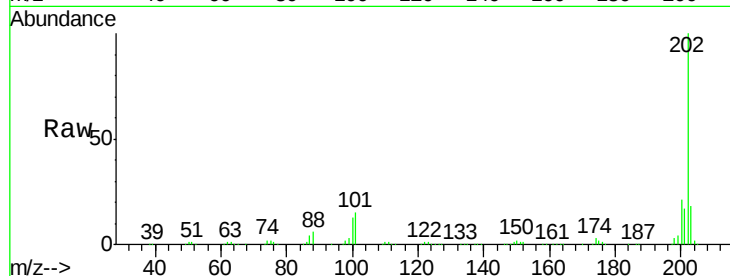




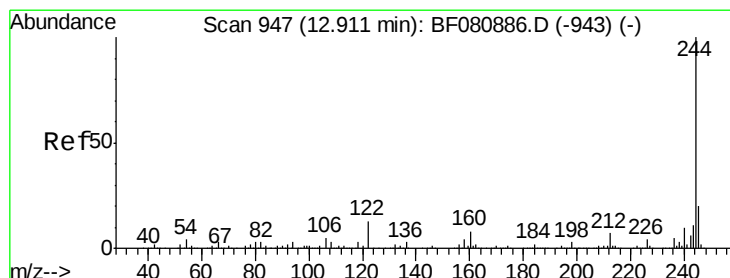
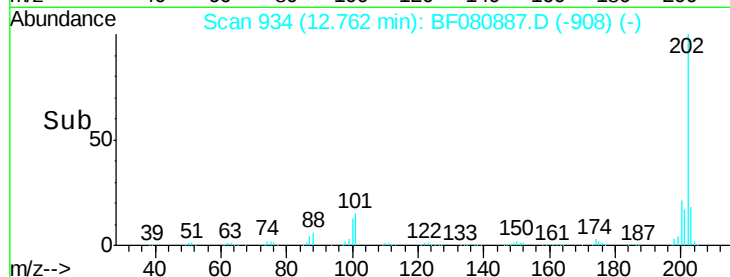
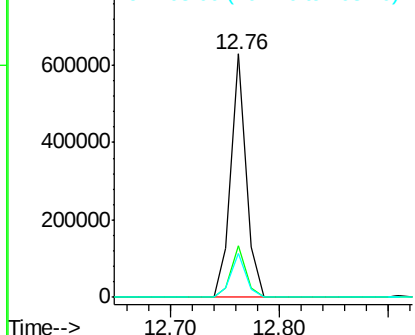
#77
Pvrene
Concen: 43.94 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	18.3	14.3	21.5

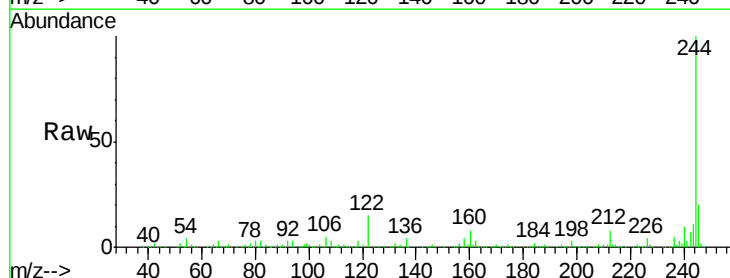


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

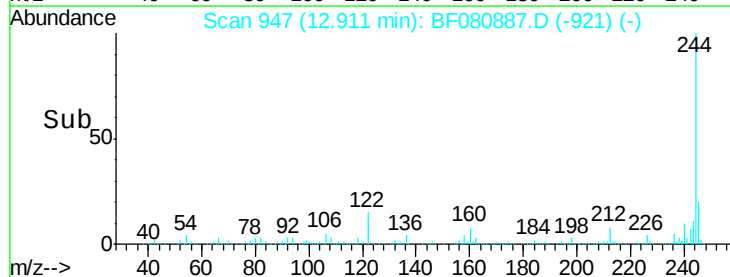
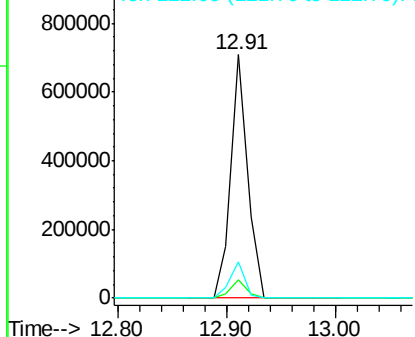


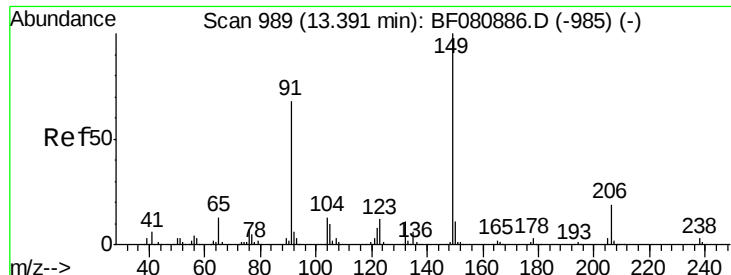
#78
Terphenyl-d14
Concen: 85.28 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	14.9	10.6	16.0



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

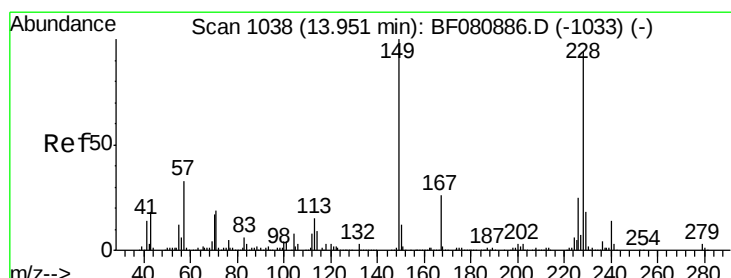
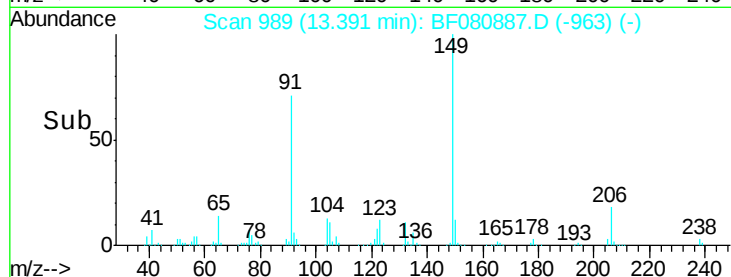
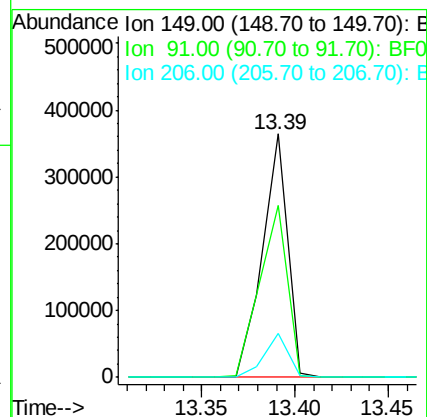
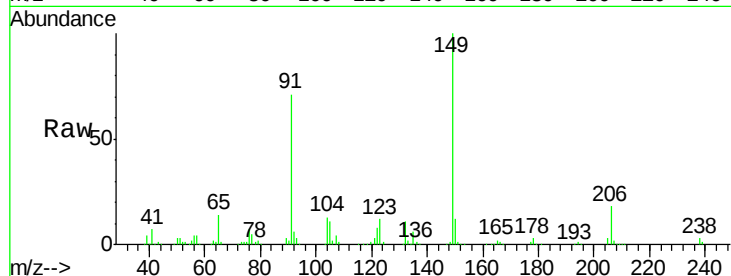




#79
Butylbenzylphthalate
Concen: 51.19 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

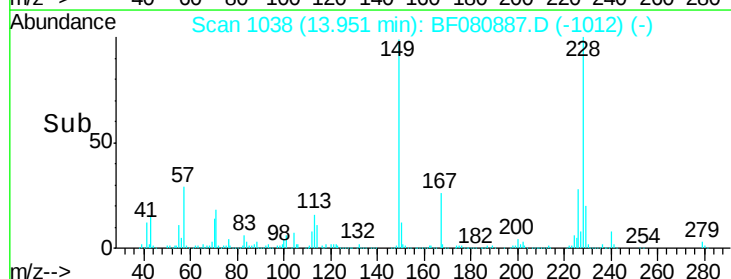
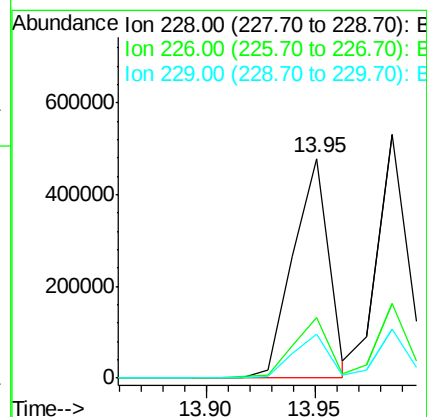
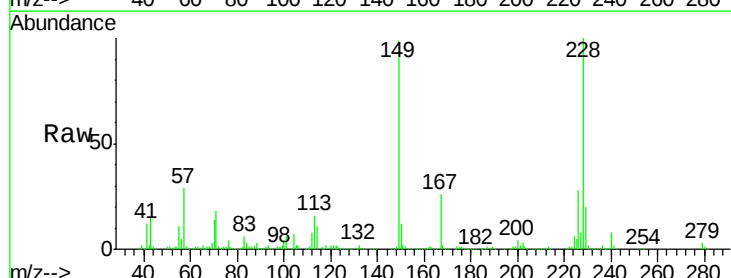
Instrument :
BNA_F
ClientSampleId :

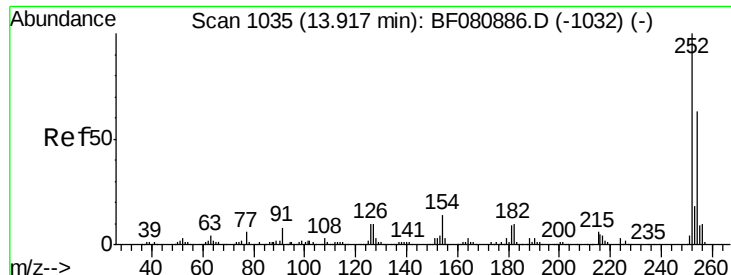
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.7	54.0	81.0
206	18.2	15.1	22.7



#80
Benzo(a)anthracene
Concen: 44.94 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.4	32.2
229	19.9	14.9	22.3

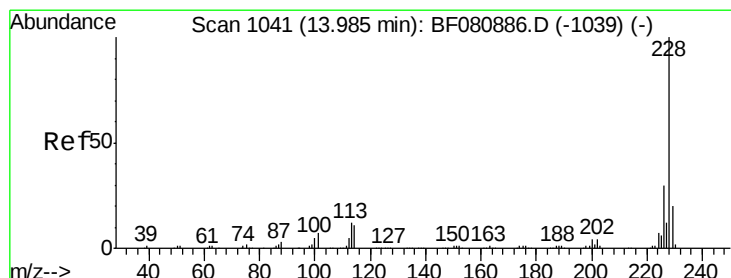
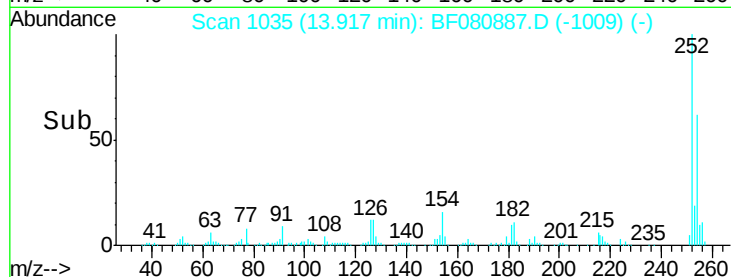
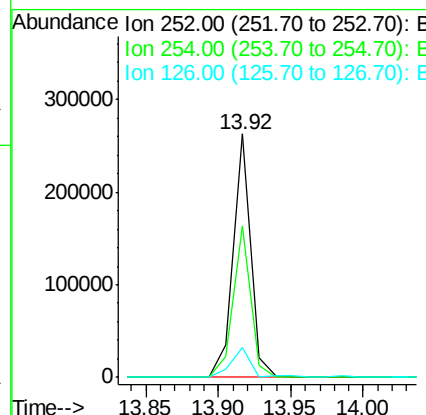
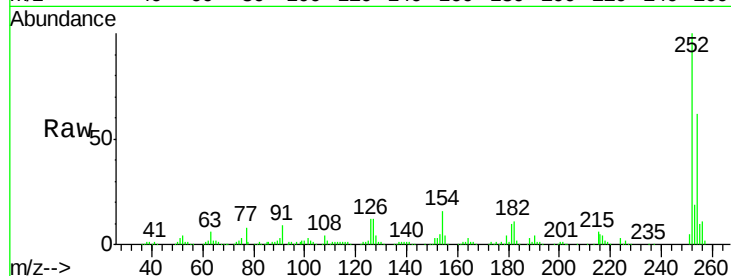




#81
 3,3'-Dichlorobenzidine
 Concen: 48.12 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

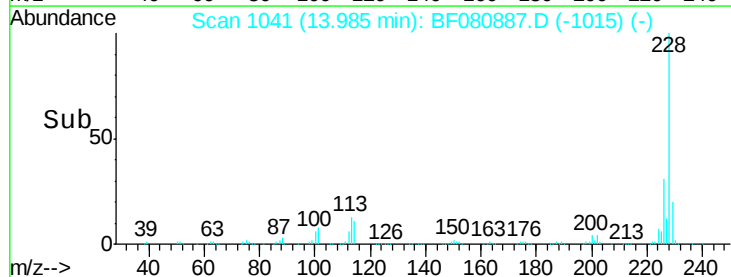
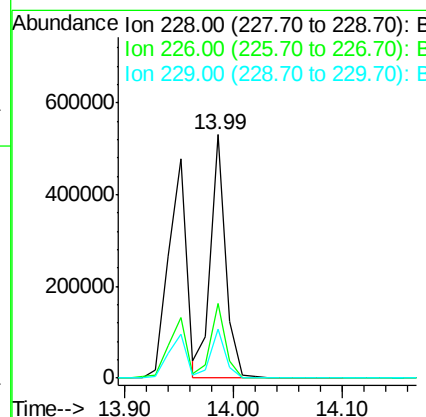
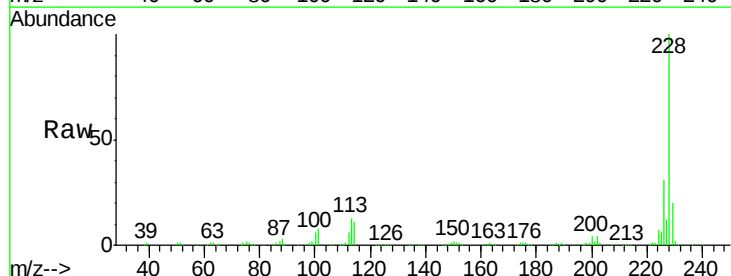
Instrument :
 BNA_F
 ClientSampleId :

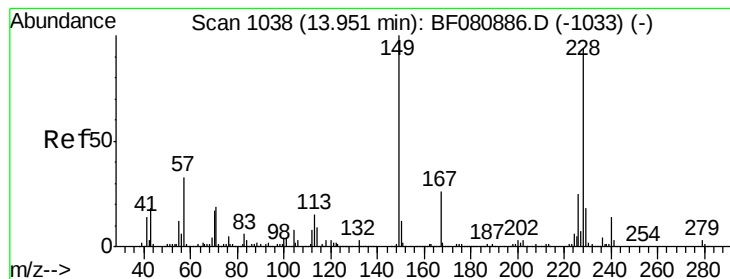
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.0	75.0
126	12.3	8.1	12.1



#82
 Chrysene
 Concen: 44.32 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.45 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

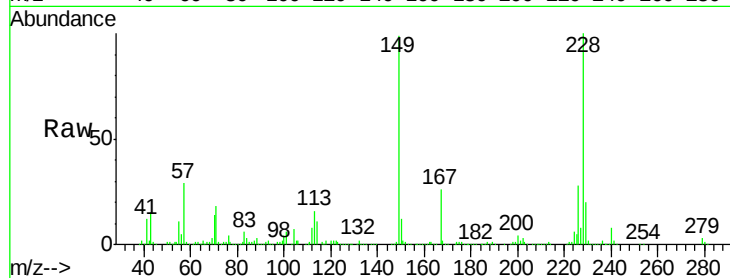
Tot Ion:149 Resp: 450685

Ion Ratio Lower Upper

149 100

167 26.0 20.6 31.0

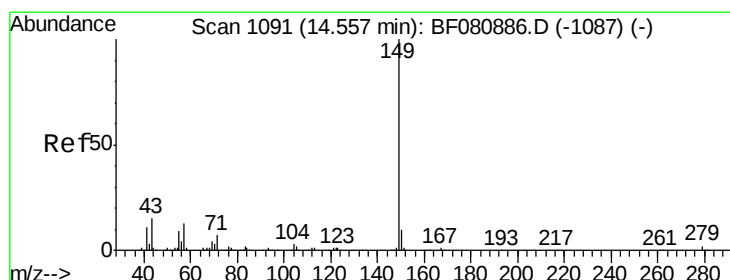
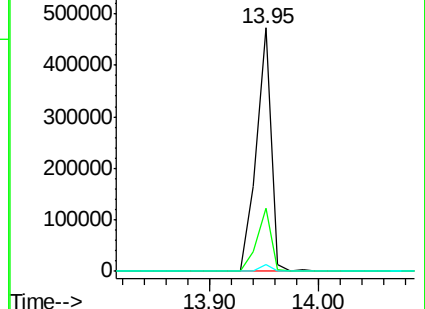
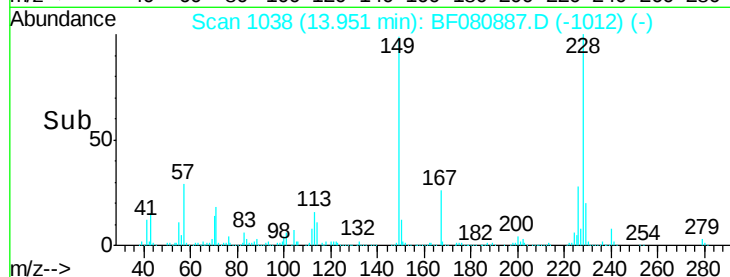
279 3.0 2.4 3.6



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: 46.77 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

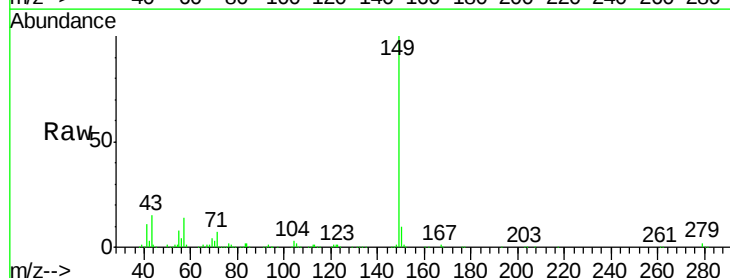
Tgt Ion:149 Resp: 751172

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

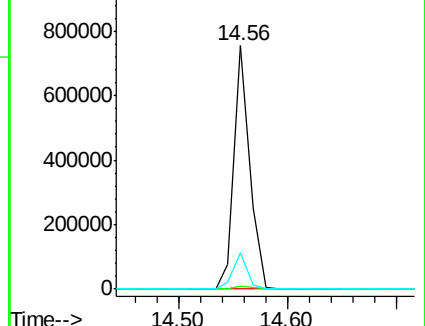
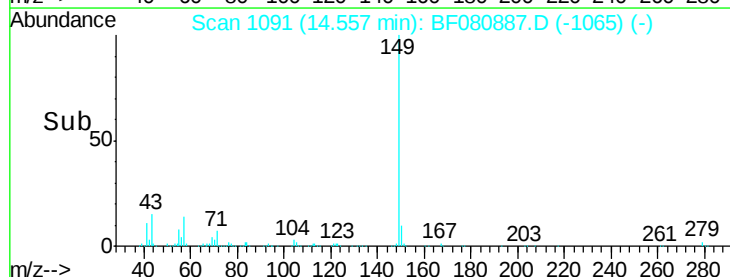
43 13.7 11.5 17.3

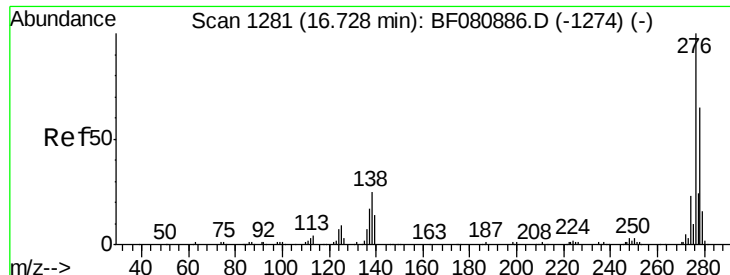


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

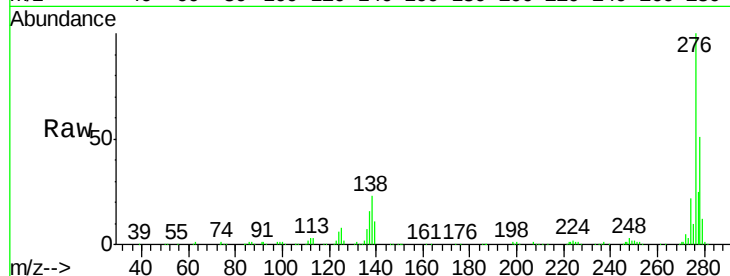




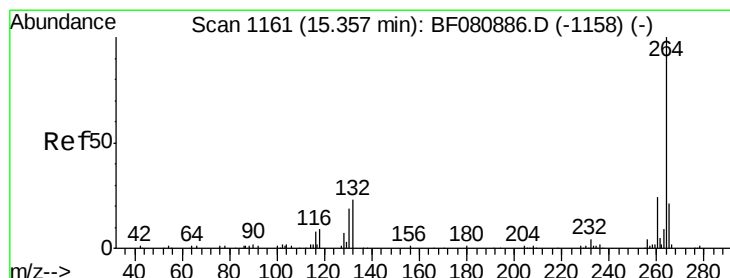
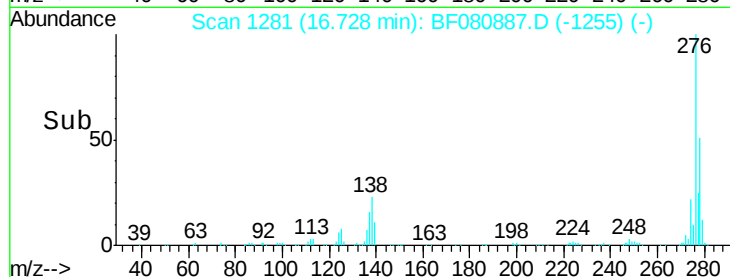
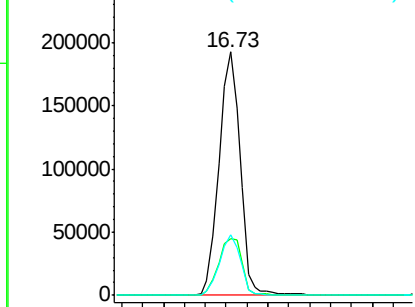
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.10 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 547012
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.7 31.1
 277 24.8 19.4 29.0

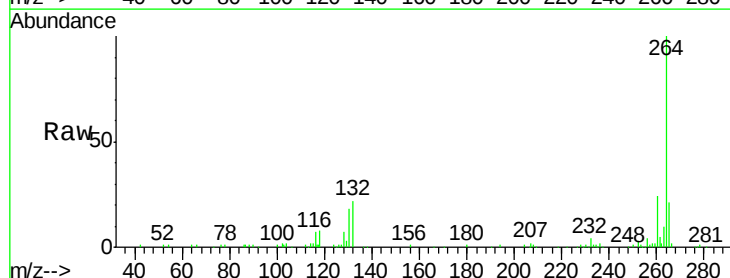


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

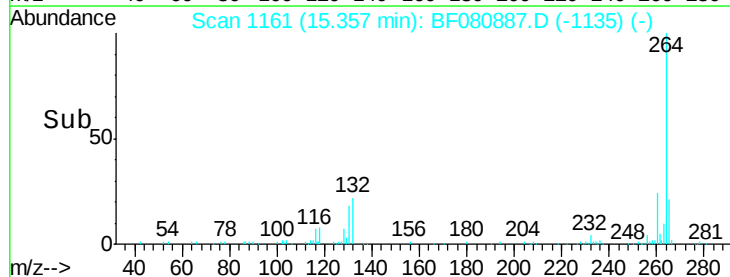
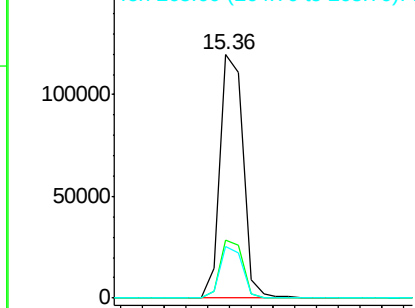


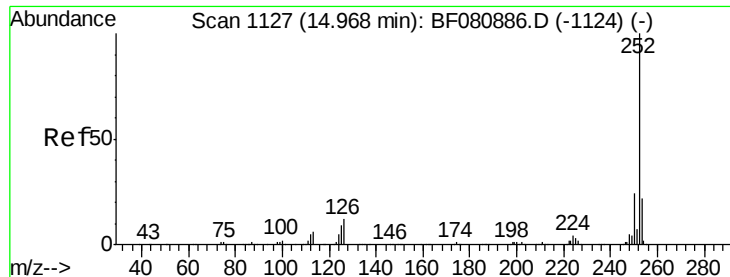
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080887.D
 Acq: 6 Aug 2015 13:04

Tgt Ion:264 Resp: 177403
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.4 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.04 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampled :

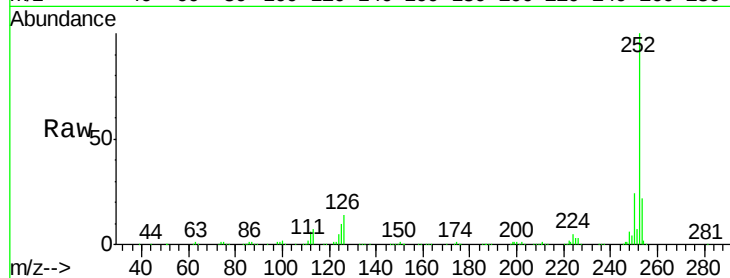
Tot Ion:252 Resp: 573546

Ion Ratio Lower Upper

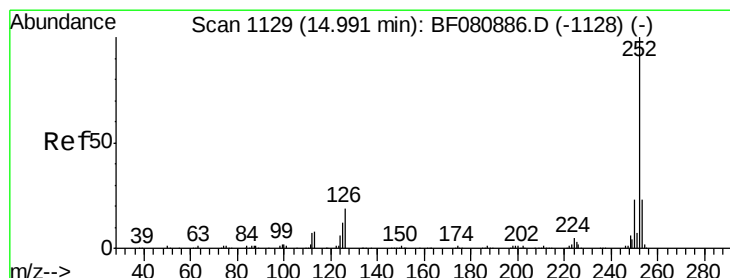
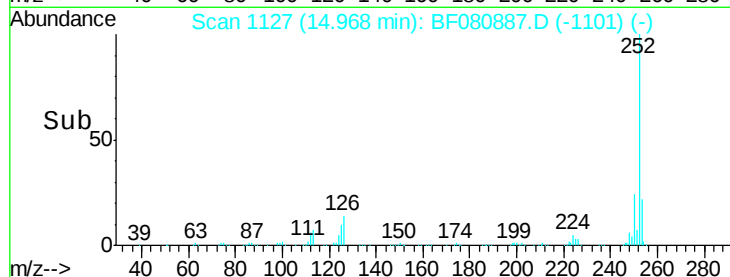
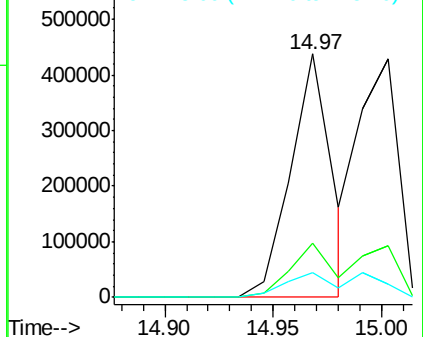
252 100

253 22.2 17.4 26.2

125 10.3 7.0 10.4



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



#88

Benzo(k)fluoranthene

Concen: 54.30 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

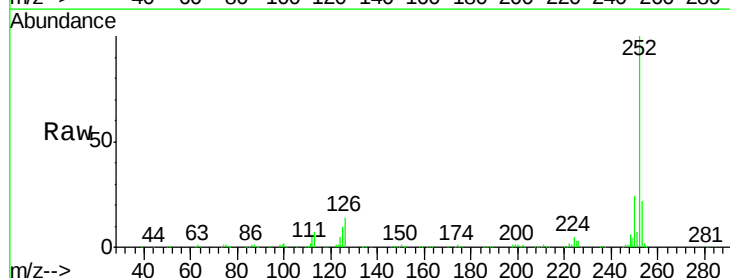
Tgt Ion:252 Resp: 573546

Ion Ratio Lower Upper

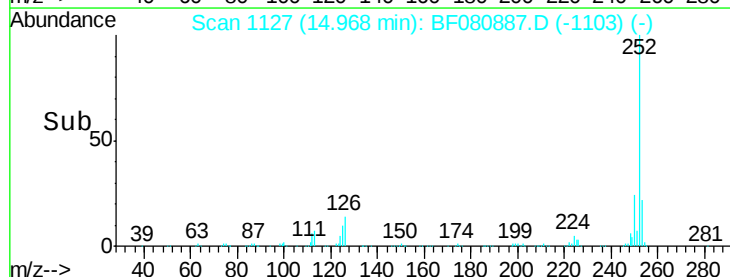
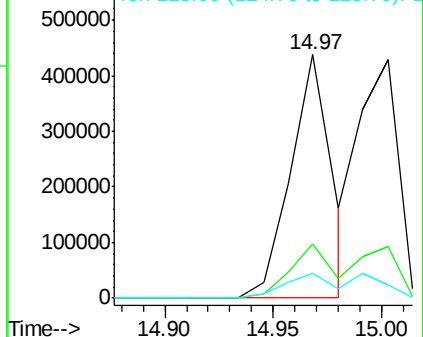
252 100

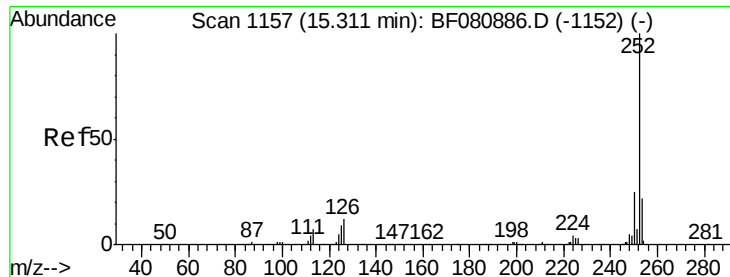
253 22.2 17.9 26.9

125 10.3 9.8 14.8



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

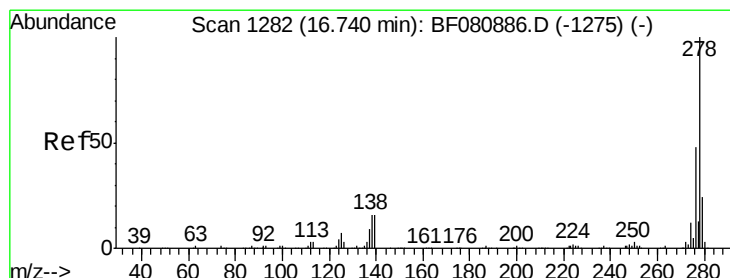
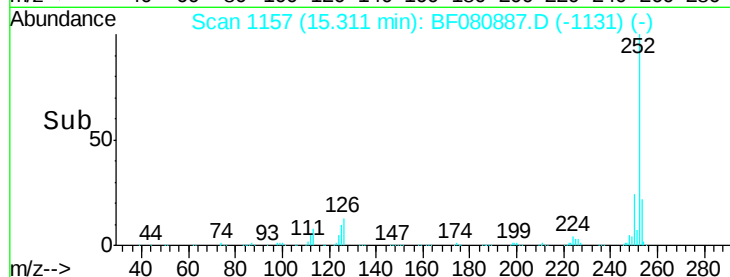
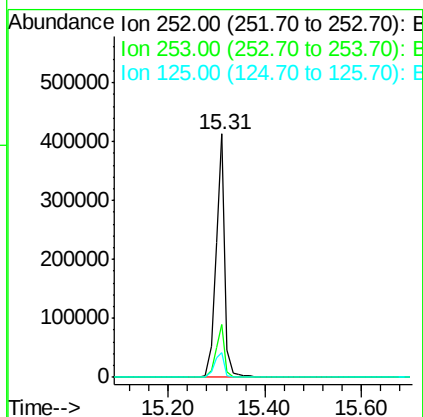
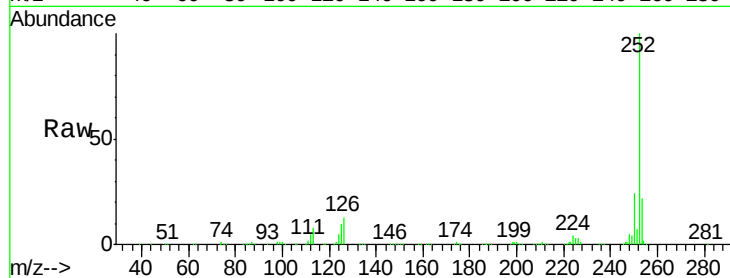




#89
Benzo(a)pyrene
Concen: 49.30 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

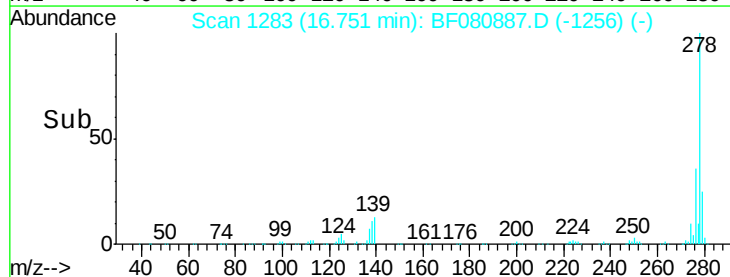
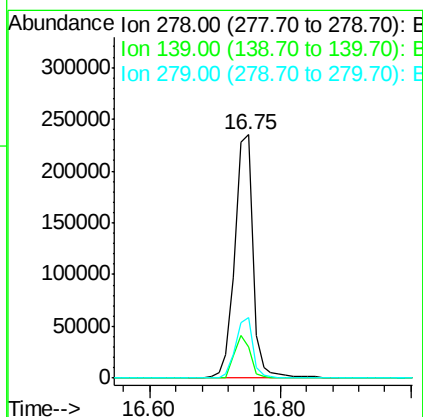
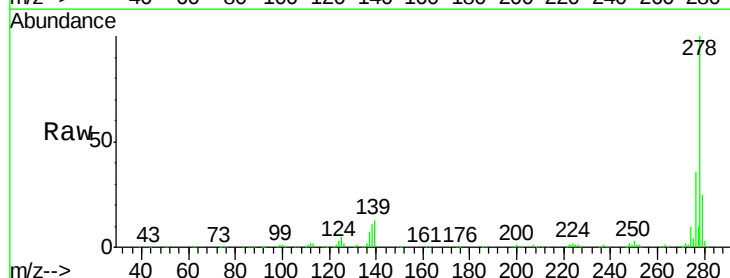
Instrument :
BNA_F
ClientSampleId :

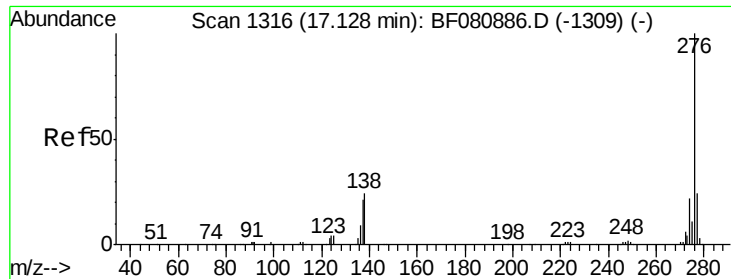
Tot Ion:252 Resp: 529364
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.1 7.5 11.3



#90
Dibenzo(a,h)anthracene
Concen: 49.02 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF080887.D
Acq: 6 Aug 2015 13:04

Tgt Ion:278 Resp: 453677
Ion Ratio Lower Upper
278 100
139 12.8 13.2 19.8#
279 24.6 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 48.80 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF080887.D

Acq: 6 Aug 2015 13:04

Instrument :

BNA_F

ClientSampleId :

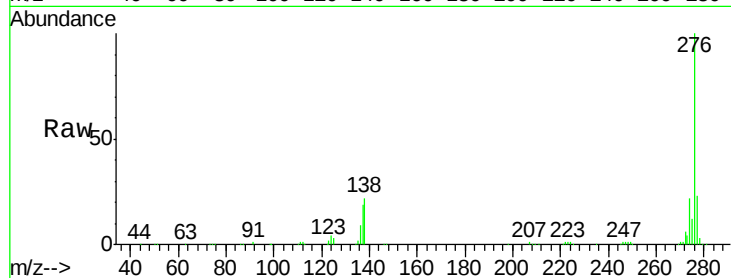
Tot Ion:276 Resp: 437795

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 22.0 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

