

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082900.D
 Acq On : 13 Nov 2015 16:34
 Operator : UM/IZ
 Sample : G4376-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Quant Time: Nov 13 22:21:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	251117	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1005133	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	528899	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	935831	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	805621	20.00	ng	-0.06
86) Perylene-d12	15.39	264	811152	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1103976	68.40	ng	-0.05
7) Phenol-d6	6.44	99	1601154	74.62	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1093673	47.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	399124	65.81	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1638670	44.41	ng	-0.05
78) Terphenyl-d14	12.91	244	1562363	46.00	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	160080	22.99	ng	96
3) Pyridine	3.09	79	435972	21.58	ng	93
4) n-Nitrosodimethylamine	3.02	42	212380	21.19	ng	# 71
6) Aniline	6.45	93	435856	14.47	ng	# 1
8) 2-Chlorophenol	6.58	128	395637	22.11	ng	# 76
9) Benzaldehyde	6.57	77	30878	2.61	ng	85
10) Phenol	6.45	94	682555	28.04	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	412267	22.64	ng	93
12) 1,3-Dichlorobenzene	6.97	146	426651	21.14	ng	94
13) 1,4-Dichlorobenzene	6.74	146	462191	22.02	ng	96
14) 1,2-Dichlorobenzene	6.97	146	426598	22.34	ng	95
15) Benzyl Alcohol	6.94	79	453082	24.05	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	685121	25.65	ng	99
17) 2-Methylphenol	7.06	107	349346	23.05	ng	97
18) Hexachloroethane	7.31	117	164665	21.93	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	342803	21.73	ng	87
20) 3+4-Methylphenols	7.22	107	464656	23.58	ng	# 74
22) Acetophenone	7.21	105	599057	20.80	ng	# 95
24) Nitrobenzene	7.38	77	459065	19.43	ng	90
25) Isophorone	7.63	82	967846	22.64	ng	# 94
26) 2-Nitrophenol	7.70	139	212809	21.58	ng	# 75
27) 2,4-Dimethylphenol	7.74	122	375485	21.19	ng	92
28) bis(2-Chloroethoxy)methane	7.84	93	536466	22.25	ng	# 97
29) 2,4-Dichlorophenol	7.95	162	389015	24.29	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	391898	21.76	ng	97
31) Naphthalene	8.11	128	1256227	22.65	ng	99
32) Benzoic acid	7.82	122	57635	4.75	ng	91
33) 4-Chloroaniline	8.16	127	235177	9.84	ng	# 88
34) Hexachlorobutadiene	8.24	225	231028	20.50	ng	99
35) Caprolactam	8.51	113	120836	23.94	ng	# 90
36) 4-Chloro-3-methylphenol	8.65	107	397062	21.09	ng	90
37) 2-Methylnaphthalene	8.90	142	719401	20.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	343101	19.74	ng	99
40) Hexachlorocyclopentadiene	8.97	237	417642	44.73	ng	97

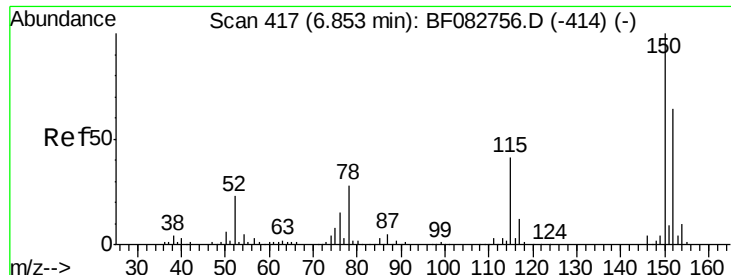
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	272019	20.97	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	290113	22.61	ng #	86
45) 1,1'-Biphenyl	9.26	154	921935	20.31	ng	95
46) 2-Chloronaphthalene	9.29	162	737714	20.84	ng	96
47) 2-Nitroaniline	9.38	65	254543	19.38	ng #	86
48) Acenaphthylene	9.70	152	1212872	21.86	ng	98
49) Dimethylphthalate	9.57	163	1410290	32.55	ng	99
50) 2,6-Dinitrotoluene	9.63	165	226737	24.52	ng #	75
51) Acenaphthene	9.88	154	799065	22.72	ng	99
52) 3-Nitroaniline	9.79	138	153314	15.08	ng #	80
53) 2,4-Dinitrophenol	9.89	184	141733	27.92	ng #	30
54) Dibenzofuran	10.05	168	1127724	23.79	ng #	84
55) 4-Nitrophenol	9.96	139	314988	40.38	ng	83
56) 2,4-Dinitrotoluene	10.03	165	302786	24.14	ng #	85
57) Fluorene	10.38	166	811409	21.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	237281	22.66	ng #	89
59) Diethylphthalate	10.27	149	910952	21.53	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	410593	21.37	ng	92
61) 4-Nitroaniline	10.41	138	236181	23.10	ng #	69
62) Azobenzene	10.54	77	1124500	24.74	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	150362	22.55	ng	76
65) n-Nitrosodiphenylamine	10.50	169	720532	21.31	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	268922	23.86	ng #	95
67) Hexachlorobenzene	10.94	284	289255	22.99	ng #	60
68) Atrazine	11.04	200	294928	28.21	ng	95
69) Pentachlorophenol	11.14	266	318236	41.65	ng	98
70) Phenanthrene	11.35	178	1227243	22.58	ng	98
71) Anthracene	11.40	178	1396341	24.39	ng	99
72) Carbazole	11.55	167	1102799	22.01	ng	99
73) Di-n-butylphthalate	11.89	149	1414041	22.65	ng	99
74) Fluoranthene	12.53	202	1365547	23.42	ng	99
76) Benzidine	12.66	184	539664	19.99	ng	98
77) Pyrene	12.76	202	1440859	26.04	ng	98
79) Butylbenzylphthalate	13.39	149	670447	27.43	ng	95
80) Benzo(a)anthracene	13.95	228	1254909	24.91	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	267577	14.94	ng #	97
82) Chrysene	14.00	228	1191313	25.82	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	905972	27.08	ng #	98
84) Di-n-octyl phthalate	14.58	149	1592852	28.54	ng	97
85) Indeno(1,2,3-cd)pyrene	16.76	276	1060096	26.68	ng #	94
87) Benzo(b)fluoranthene	14.99	252	1112446	21.37	ng #	98
88) Benzo(k)fluoranthene	14.99	252	1112446	24.09	ng #	97
89) Benzo(a)pyrene	15.33	252	1040440	23.06	ng #	97
90) Dibenzo(a,h)anthracene	16.77	278	907970	23.77	ng #	97
91) Benzo(g,h,i)perylene	17.17	276	852581	23.30	ng #	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

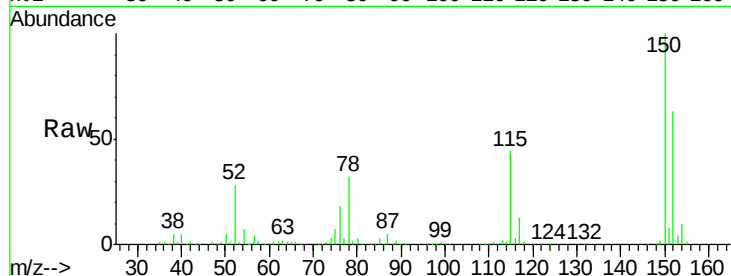
Tgt Ion: 152 Resp: 251117

Ion Ratio Lower Upper

152 100

150 157.8 127.0 190.4

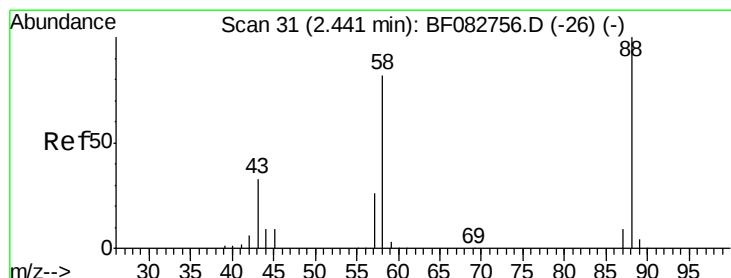
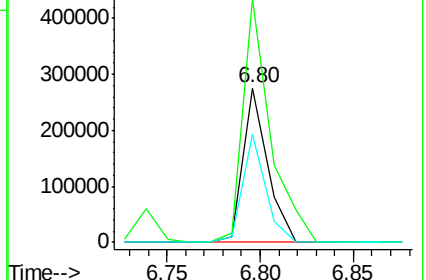
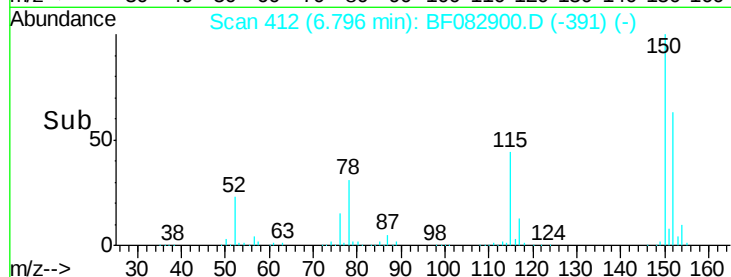
115 69.7 47.0 70.6



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: 22.99 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

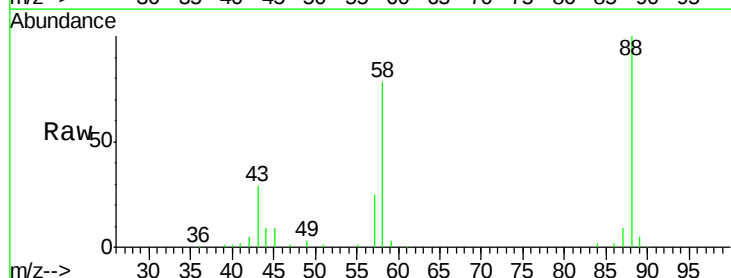
Tgt Ion: 88 Resp: 160080

Ion Ratio Lower Upper

88 100

58 79.4 62.0 93.0

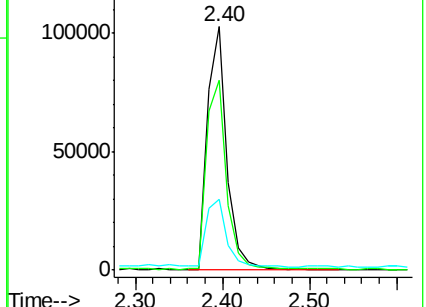
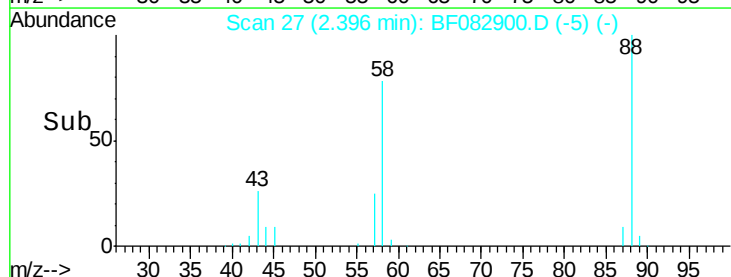
43 29.3 26.6 40.0

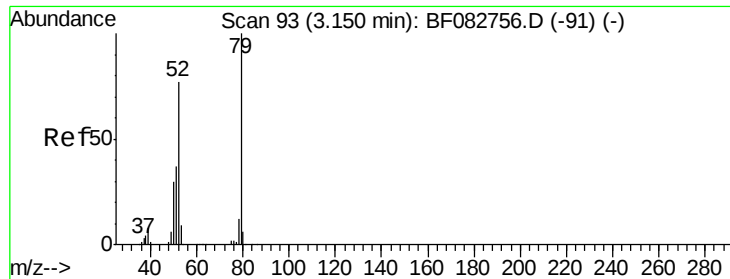


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.58 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.07 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

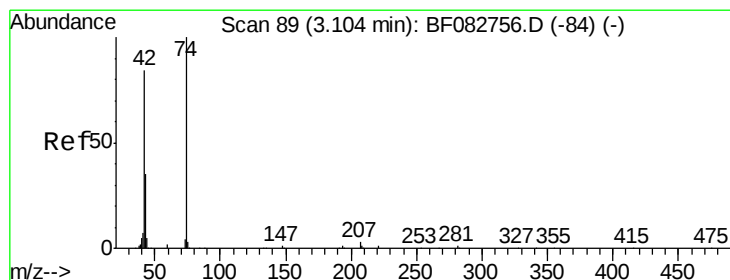
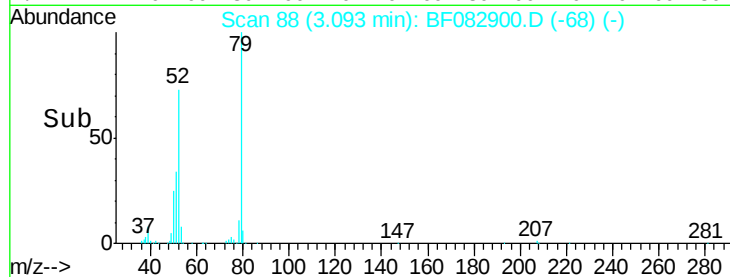
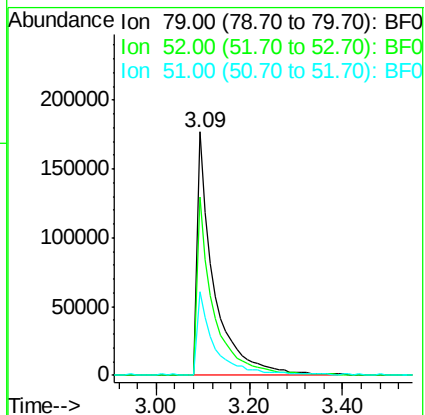
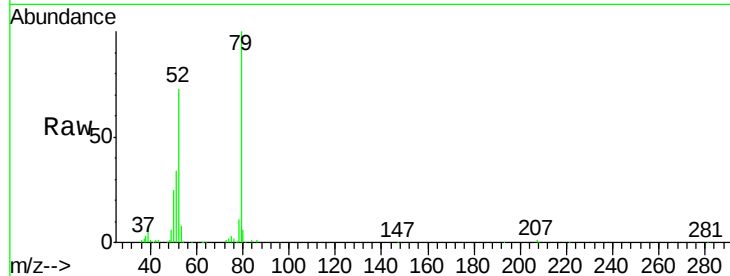
Tgt Ion: 79 Resp: 435972

Ion Ratio Lower Upper

79 100

52 73.4 62.8 94.2

51 34.3 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 21.19 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.07 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

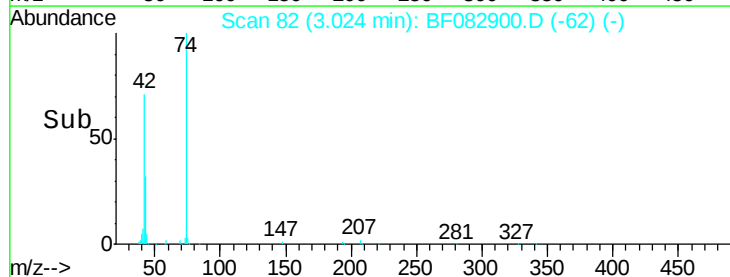
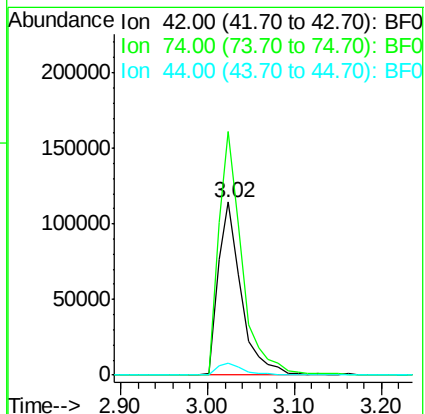
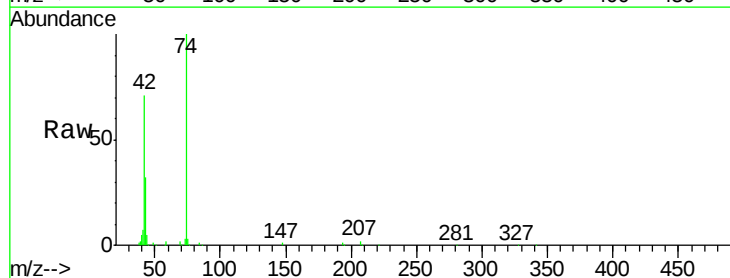
Tgt Ion: 42 Resp: 212380

Ion Ratio Lower Upper

42 100

74 140.9 87.0 130.4#

44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 68.40 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

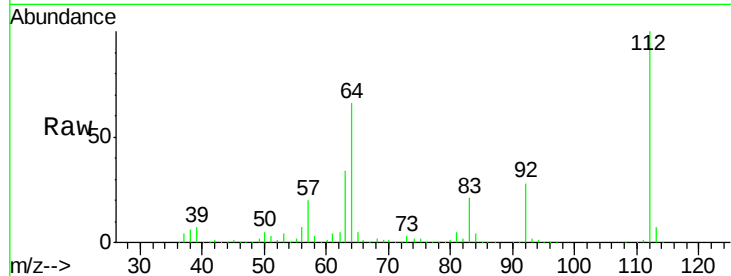
Tgt Ion: 112 Resp: 1103976

Ion Ratio Lower Upper

112 100

64 66.3 48.9 73.3

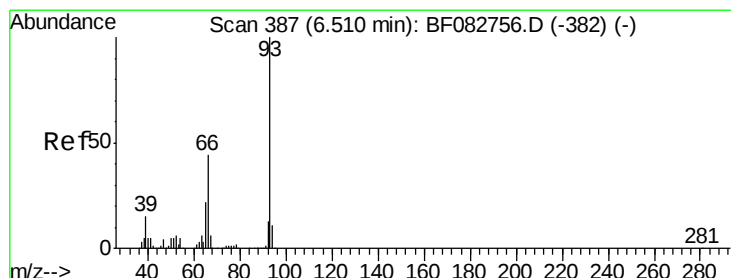
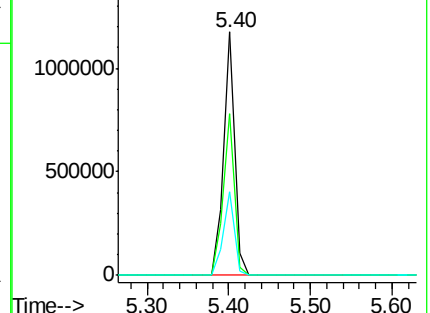
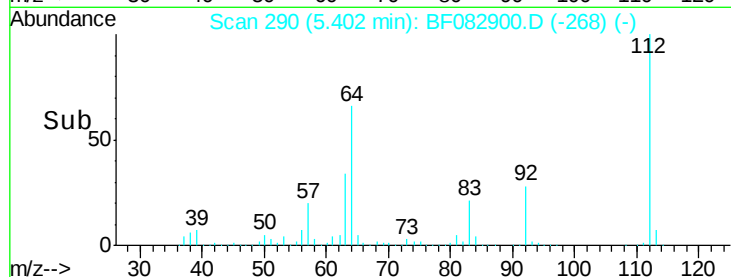
63 34.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.47 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

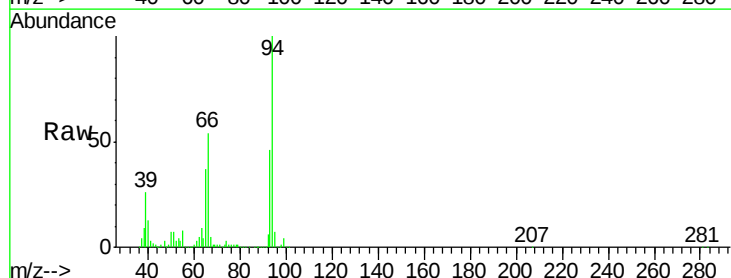
Tgt Ion: 93 Resp: 435856

Ion Ratio Lower Upper

93 100

66 116.7 33.6 50.4#

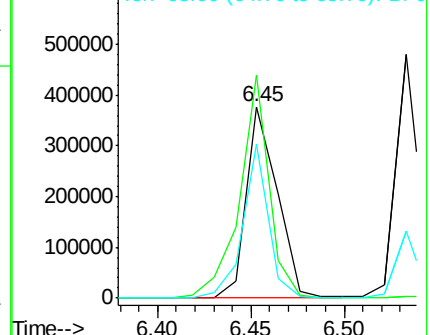
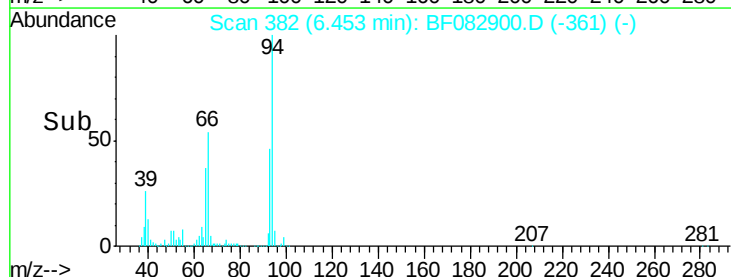
65 80.6 18.1 27.1#



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: 74.62 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

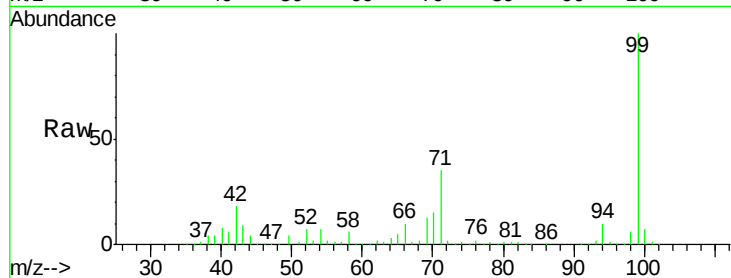
Tgt Ion: 99 Resp: 1601154

Ion Ratio Lower Upper

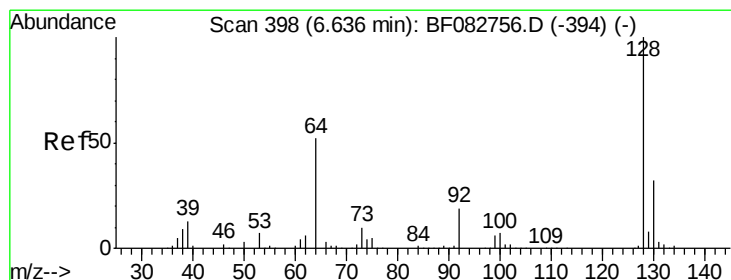
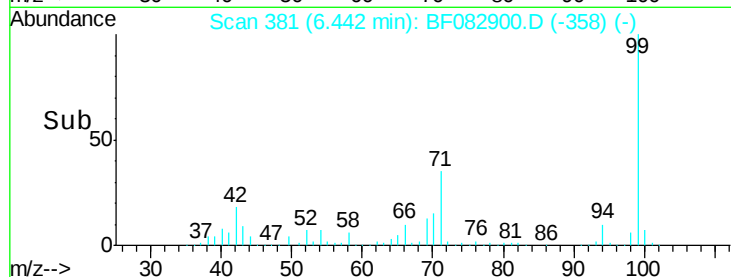
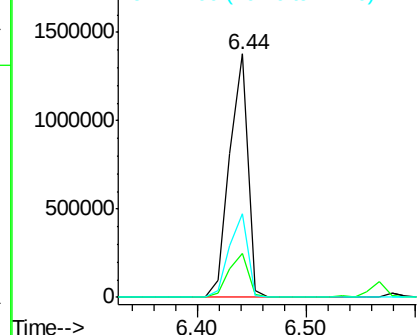
99 100

42 17.9 19.2 28.8#

71 34.6 35.0 52.4#



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: 22.11 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

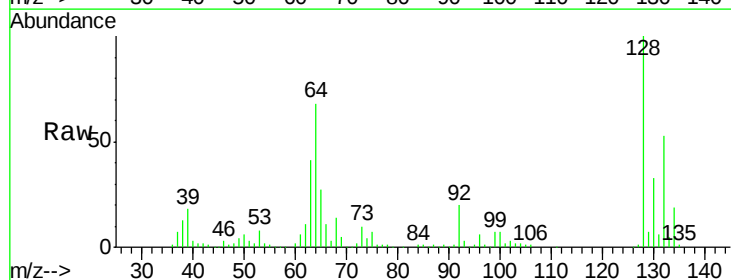
Tgt Ion: 128 Resp: 395637

Ion Ratio Lower Upper

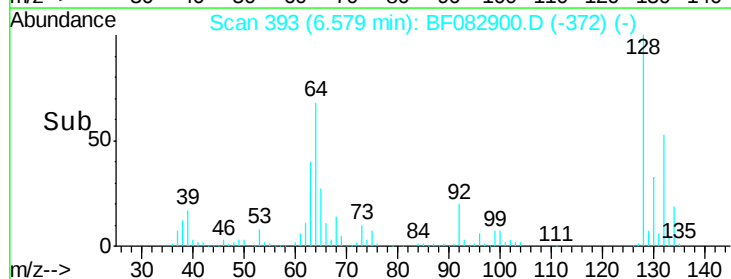
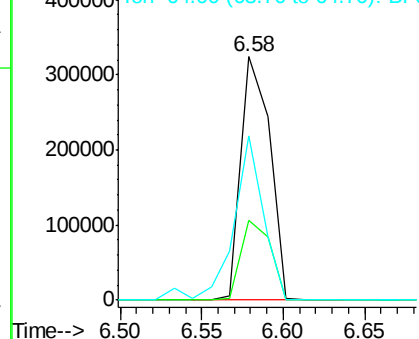
128 100

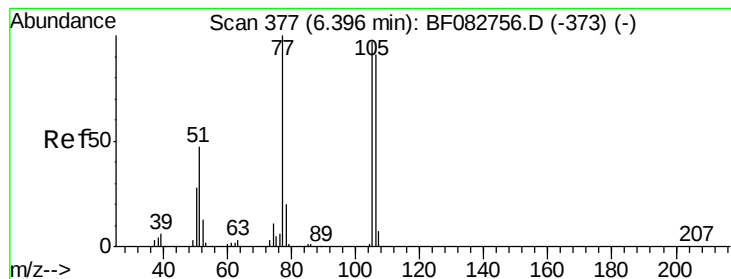
130 32.8 13.5 53.5

64 67.7 21.1 61.1#



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: 2.61 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

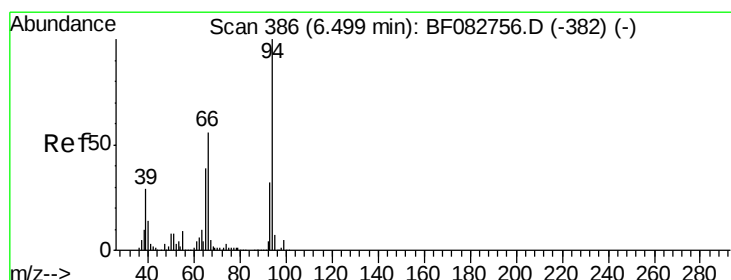
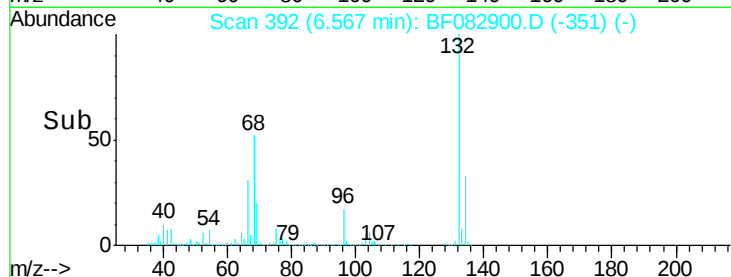
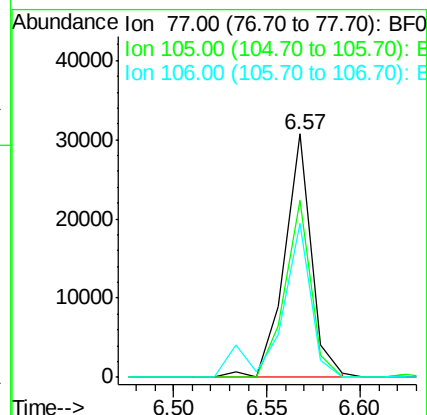
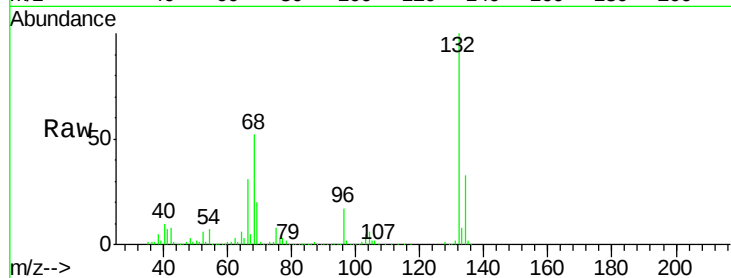
Tgt Ion: 77 Resp: 30878

Ion Ratio Lower Upper

77 100

105 72.8 63.5 103.5

106 63.0 59.3 99.3



#10

Phenol

Concen: 28.04 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

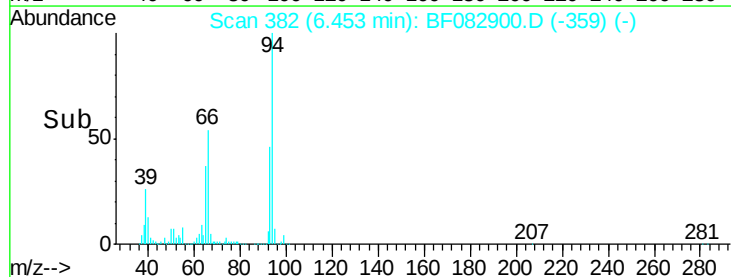
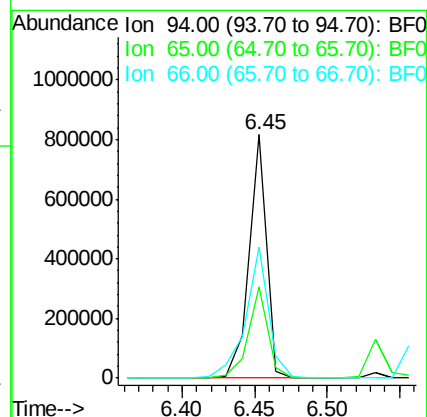
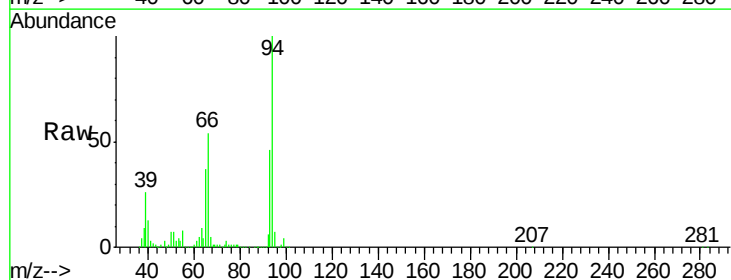
Tgt Ion: 94 Resp: 682555

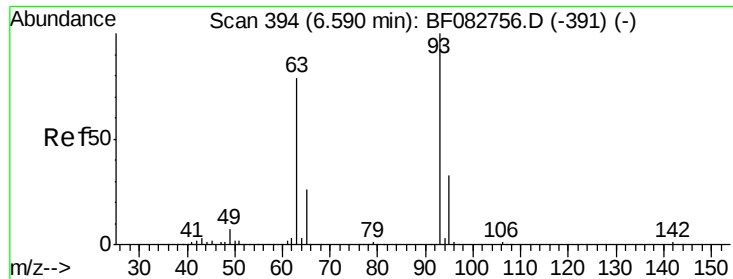
Ion Ratio Lower Upper

94 100

65 37.2 18.9 58.9

66 53.9 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 22.64 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

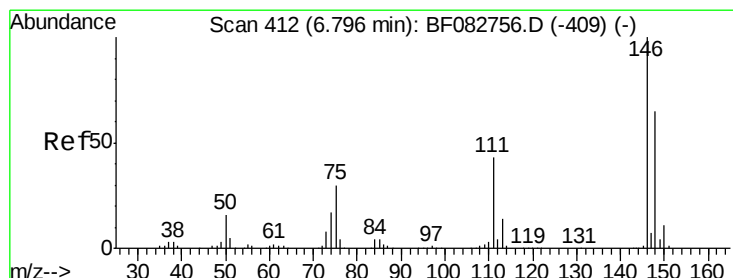
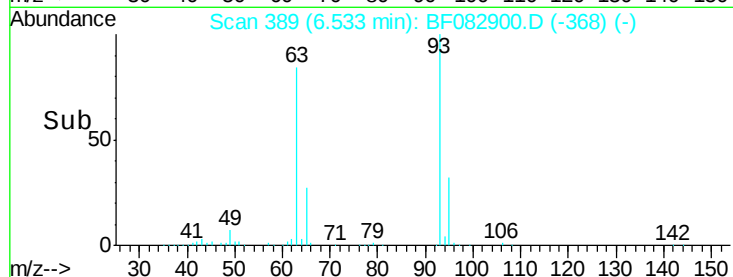
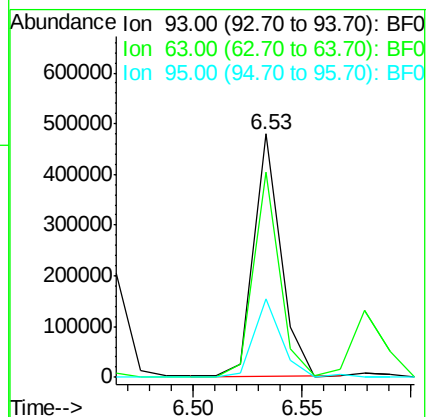
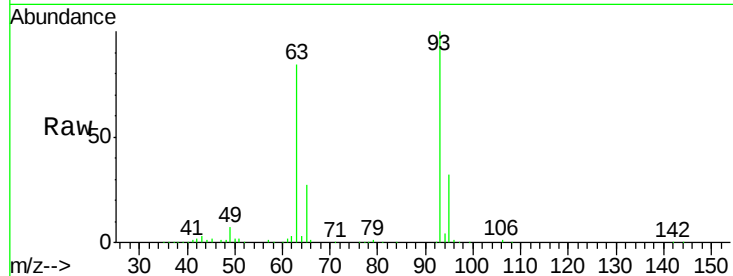
Tgt Ion: 93 Resp: 412267

Ion Ratio Lower Upper

93 100

63 84.3 72.7 112.7

95 32.4 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 21.14 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.17 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

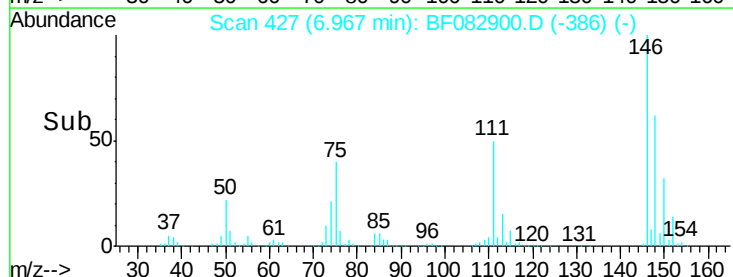
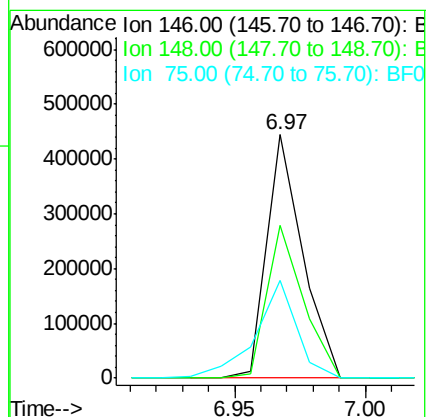
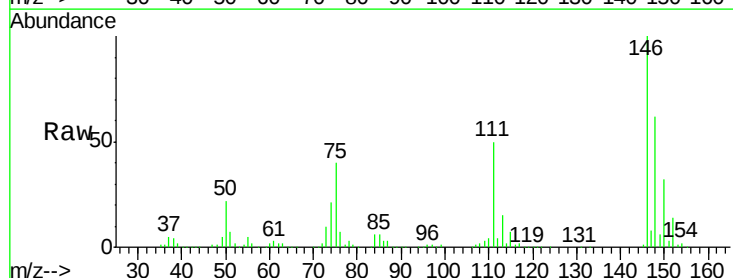
Tgt Ion: 146 Resp: 426651

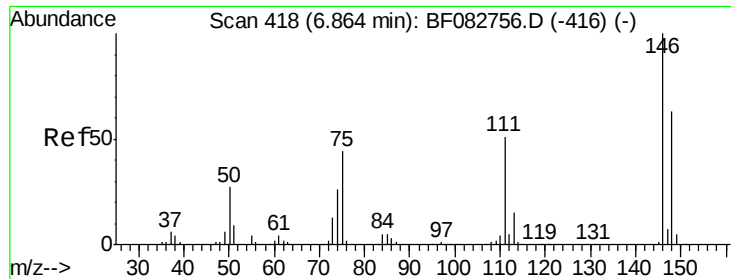
Ion Ratio Lower Upper

146 100

148 62.5 50.5 75.7

75 40.1 39.5 59.3

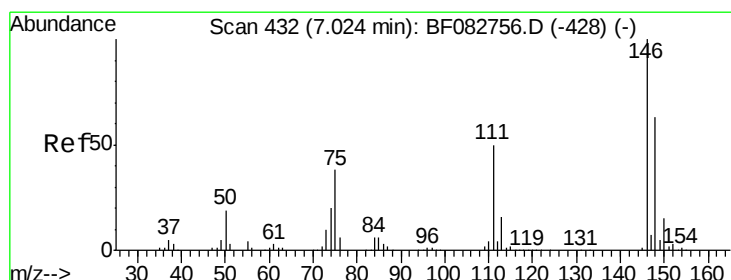
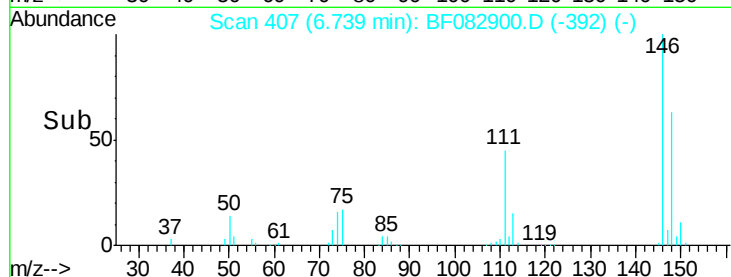
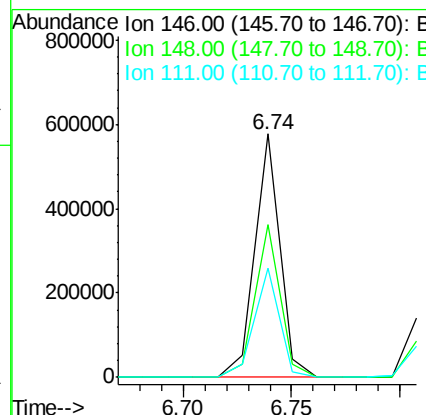
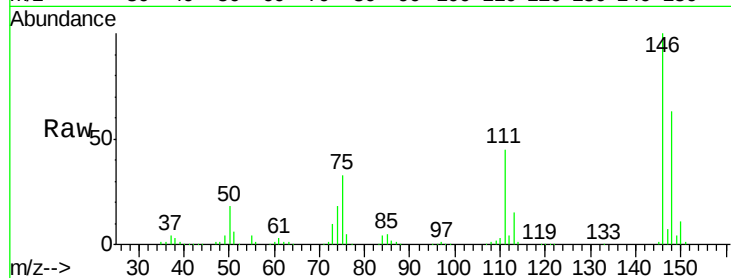




#13
 1,4-Dichlorobenzene
 Concen: 22.02 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.13 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

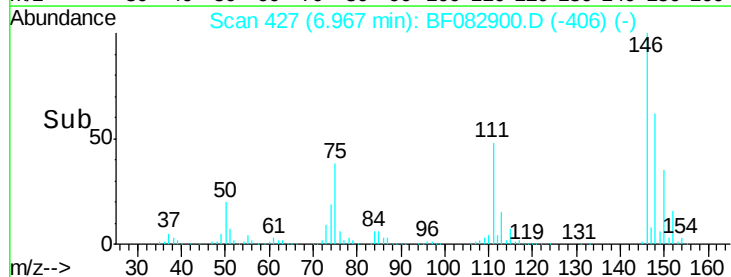
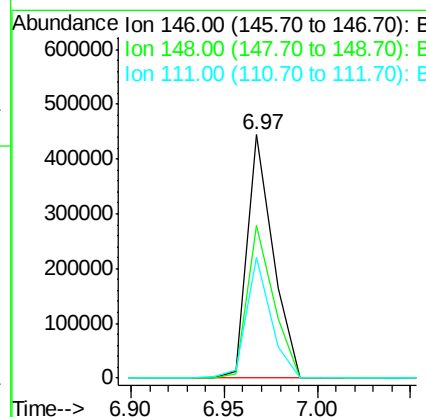
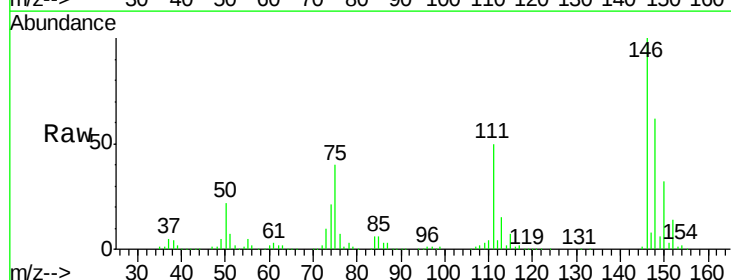
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion:146 Resp: 462191
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 44.9 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 22.34 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:146 Resp: 426598
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.4
 111 49.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 24.05 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

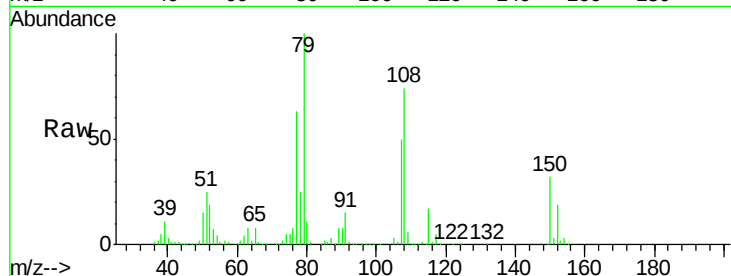
Tgt Ion: 79 Resp: 453082

Ion Ratio Lower Upper

79 100

108 73.6 52.2 78.4

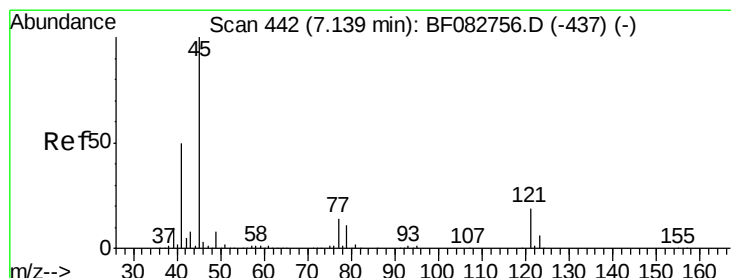
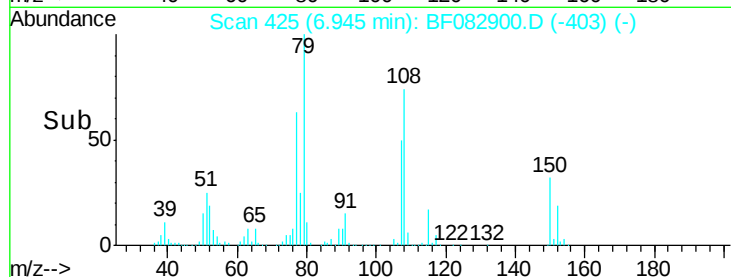
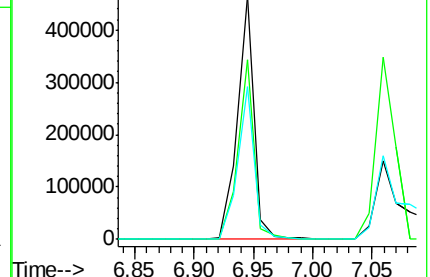
77 62.7 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.65 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

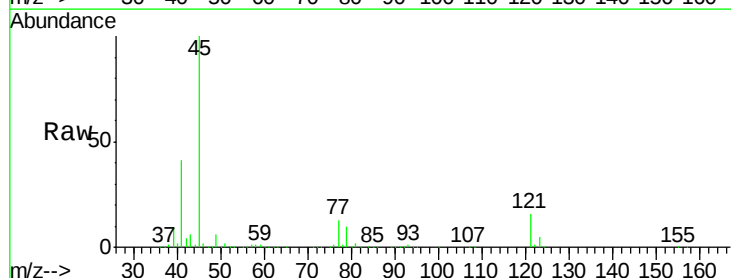
Tgt Ion: 45 Resp: 685121

Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.6

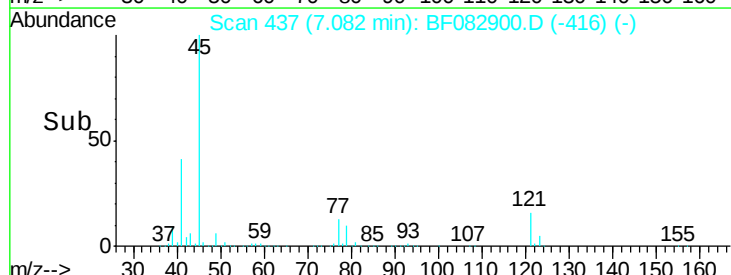
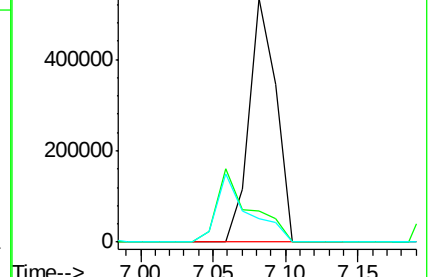
79 9.7 0.0 29.2

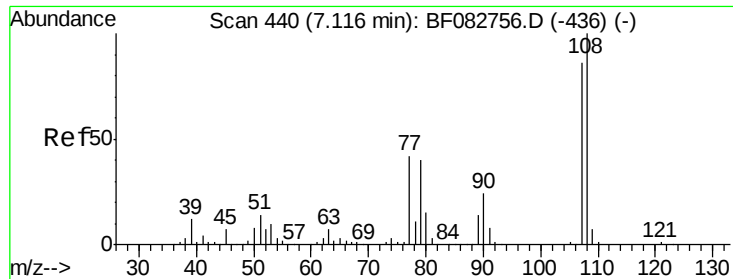


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

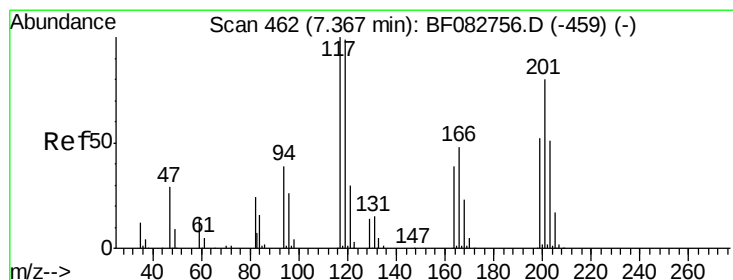
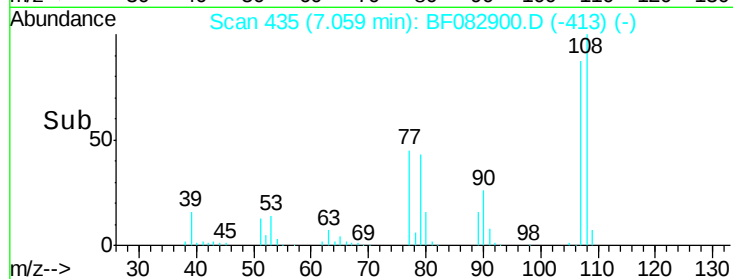
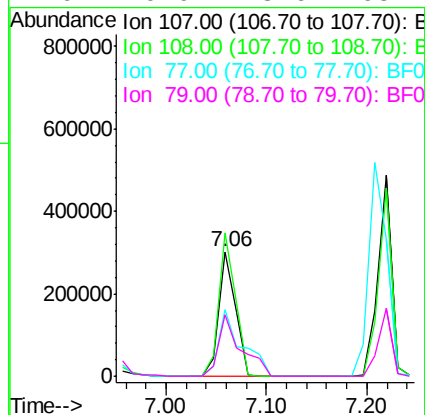
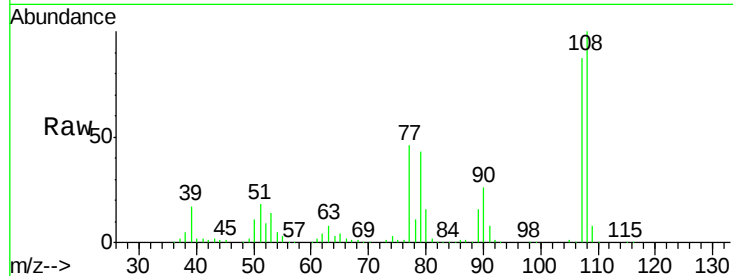




#17
2-Methylphenol
Concen: 23.05 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

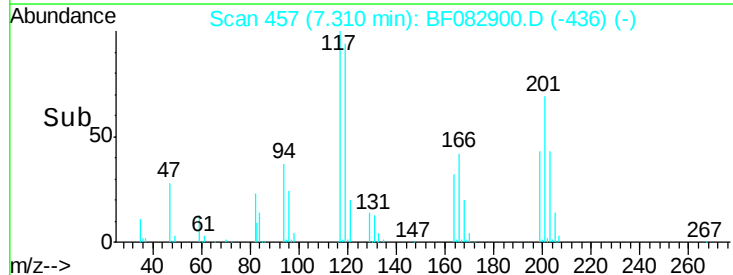
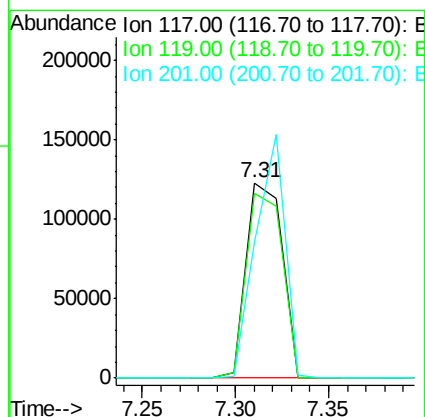
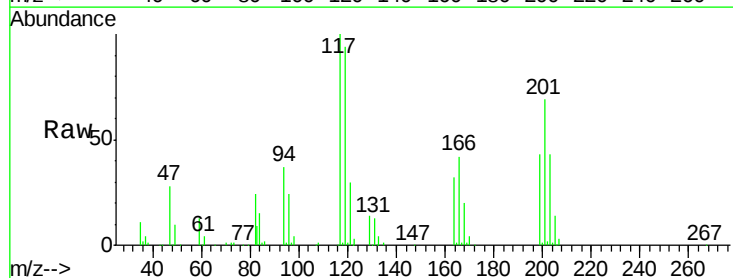
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

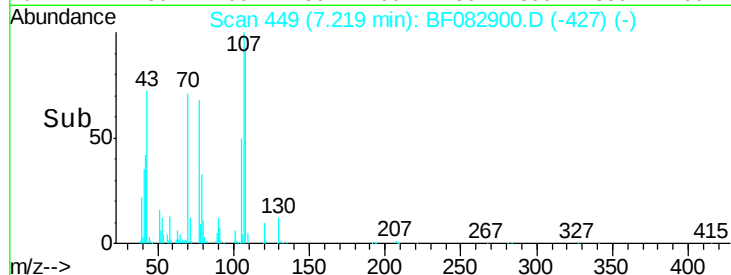
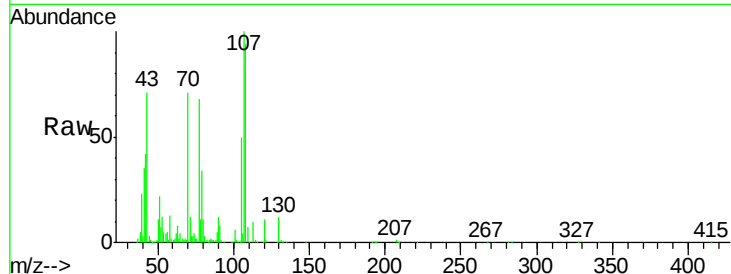
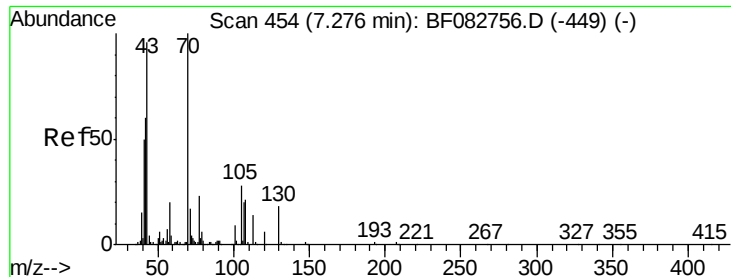
Tgt Ion:	107	Resp:	349346
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.0	139.4
77	53.2	44.1	66.1
79	49.9	43.6	65.4



#18
Hexachloroethane
Concen: 21.93 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:	117	Resp:	164665
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.7	116.5
201	69.4	66.7	100.1

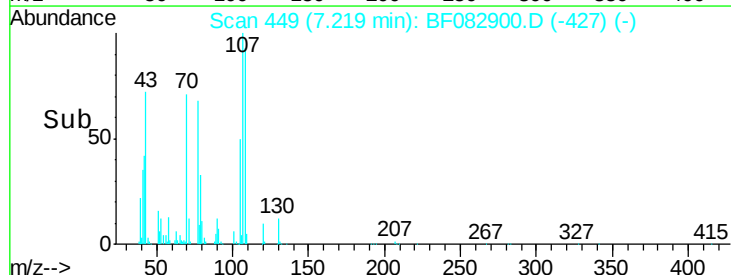
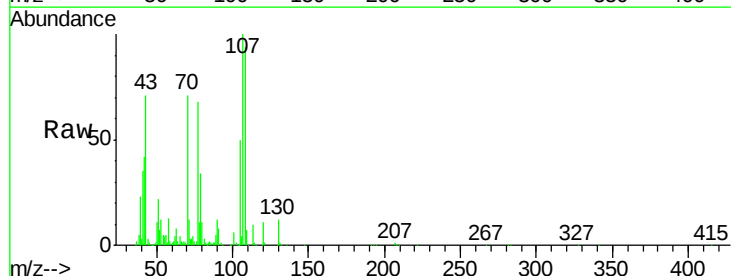
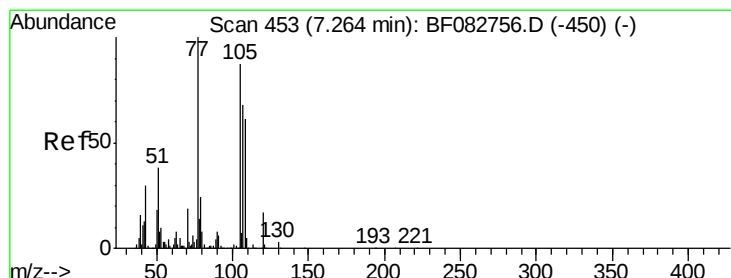
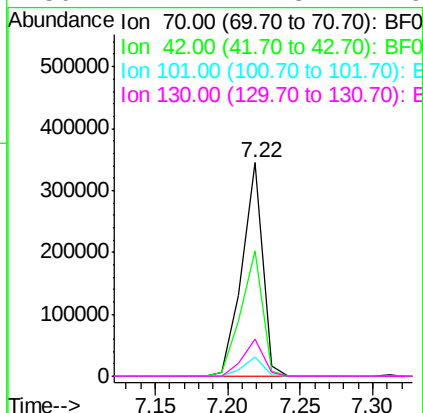




#19
n-Nitroso-di-n-propylamine
Concen: 21.73 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

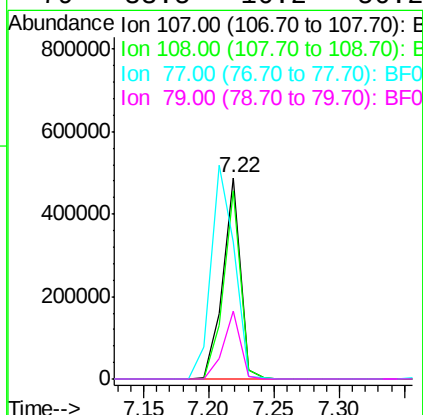
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

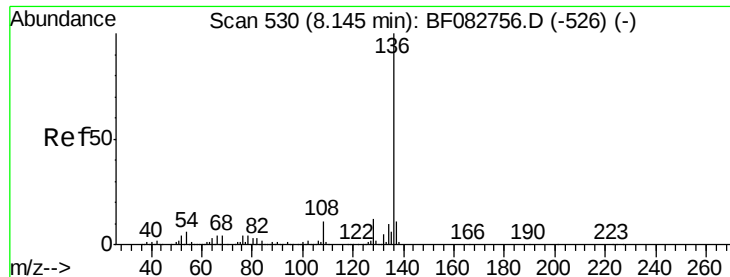
Tgt Ion:	70	Resp:	342803
Ion Ratio	Lower	Upper	
70	100		
42	59.0	57.7	86.5
101	8.9	7.0	10.6
130	17.4	11.8	17.6



#20
3+4-Methylphenols
Concen: 23.58 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:	107	Resp:	464656
Ion Ratio	Lower	Upper	
107	100		
108	93.9	67.3	107.3
77	68.1	100.3	140.3
79	33.5	16.2	56.2

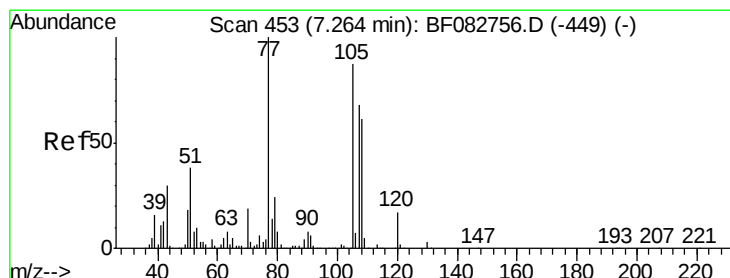
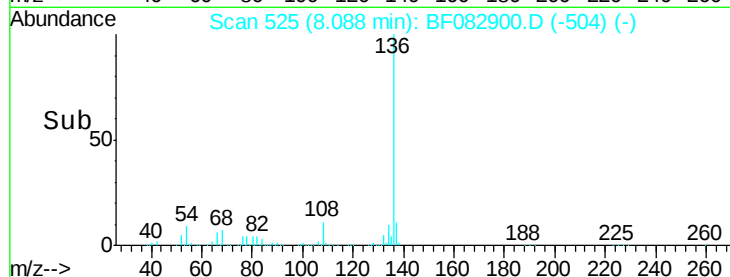
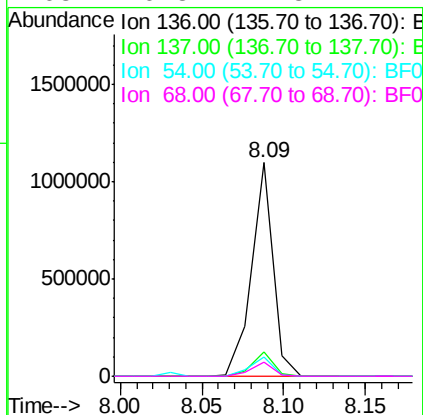
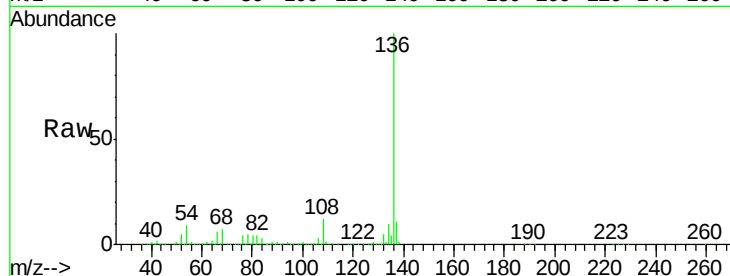




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

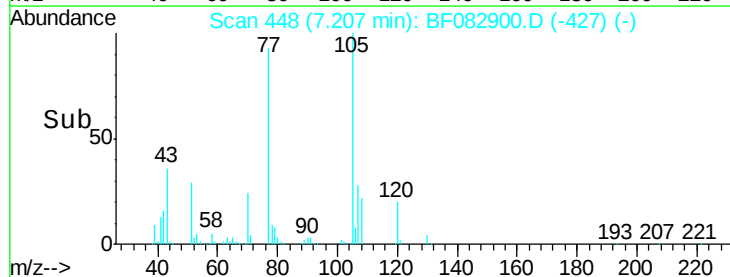
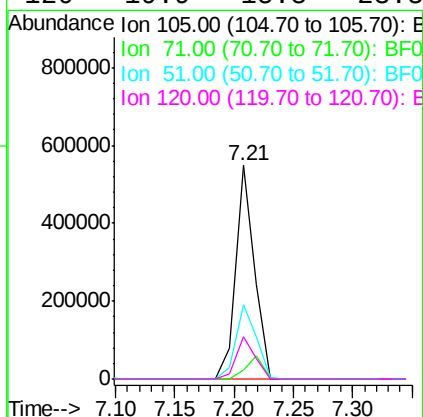
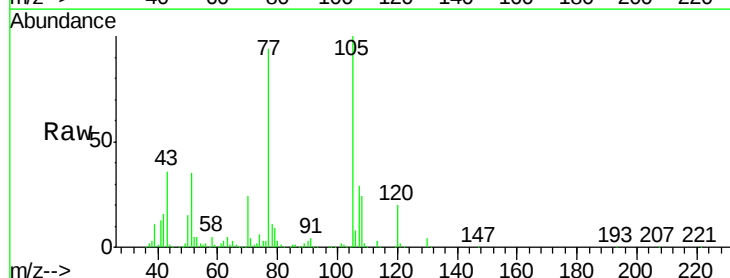
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

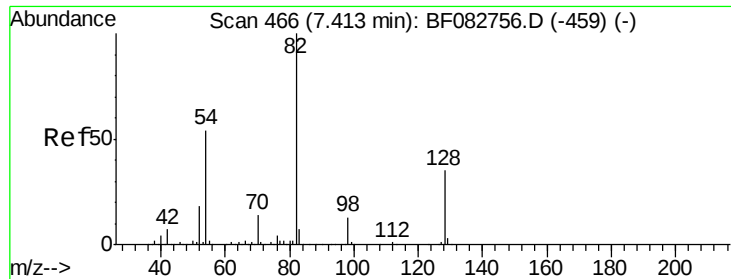
Tgt Ion:	136	Resp:	1005133
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	9.1	13.7
68	6.8	4.8	7.2



#22
Acetophenone
Concen: 20.80 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:	105	Resp:	599057
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.6	8.4#
51	35.0	24.9	37.3
120	19.9	15.8	23.8

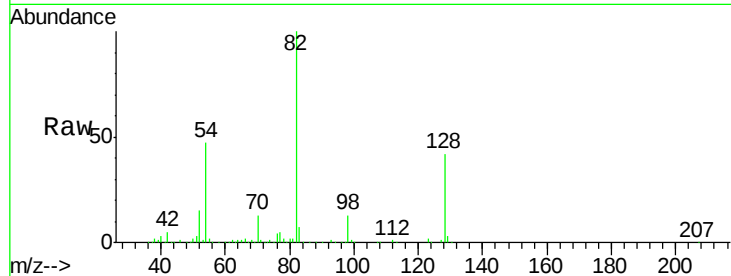




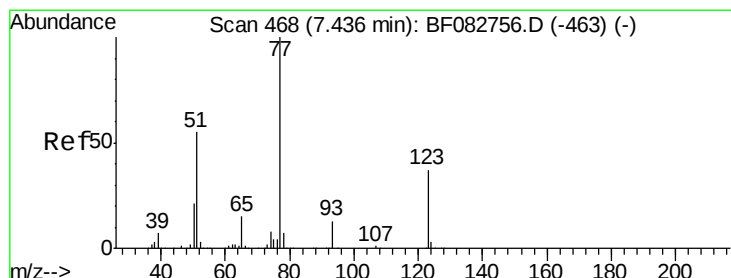
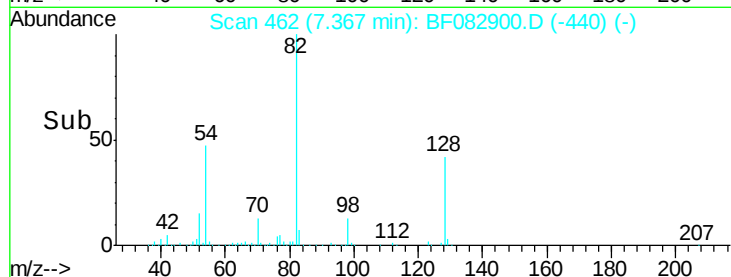
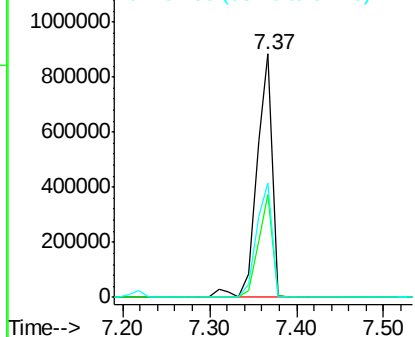
#23
 Nitrobenzene-d5
 Concen: 47.35 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion: 82 Resp: 1093673
 Ion Ratio Lower Upper
 82 100
 128 42.3 26.8 40.2#
 54 47.1 45.7 68.5

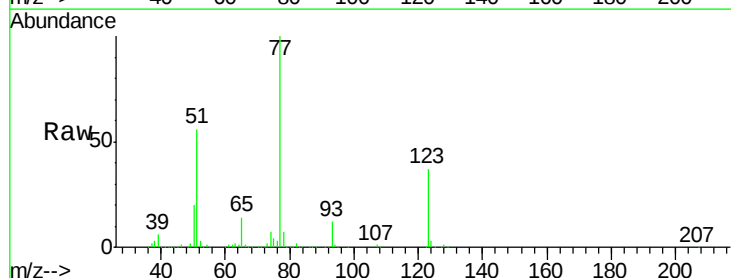


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

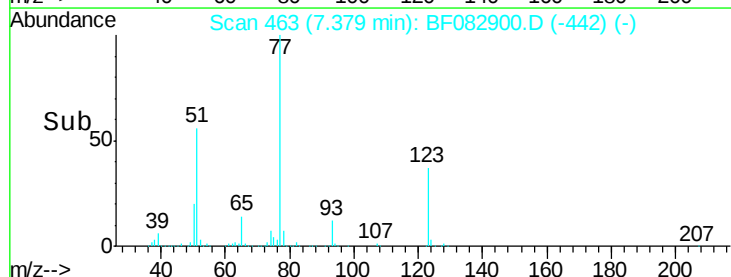
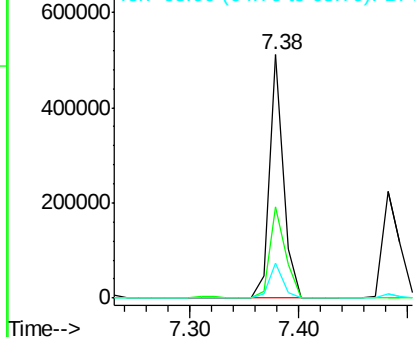


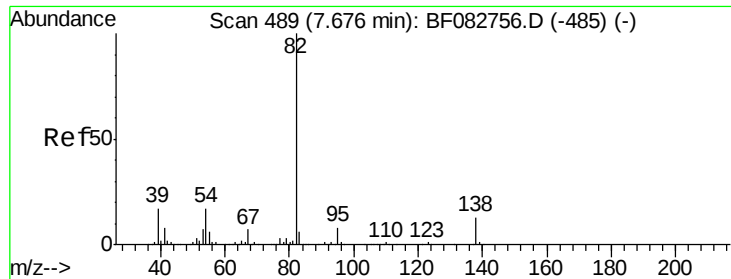
#24
 Nitrobenzene
 Concen: 19.43 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion: 77 Resp: 459065
 Ion Ratio Lower Upper
 77 100
 123 37.4 36.4 54.6
 65 14.1 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 22.64 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

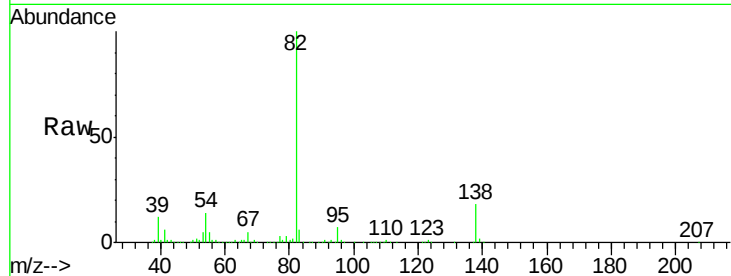
Tgt Ion: 82 Resp: 967846

Ion Ratio Lower Upper

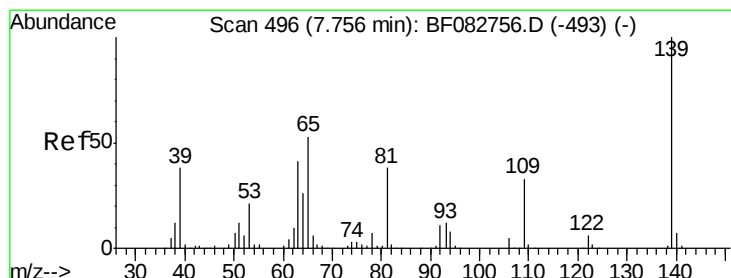
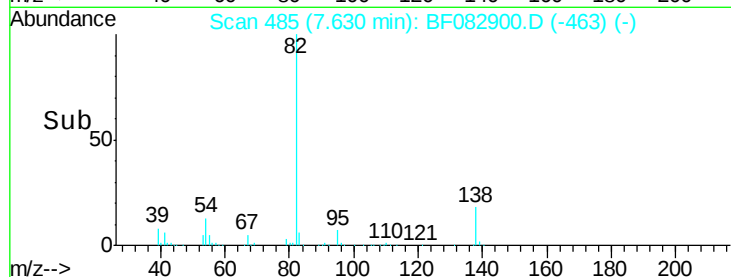
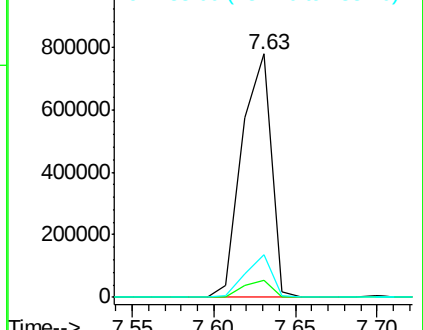
82 100

95 7.2 6.6 9.8

138 17.6 11.4 17.0#



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: 21.58 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

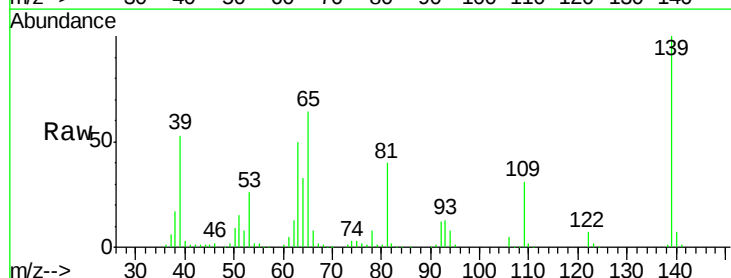
Tgt Ion: 139 Resp: 212809

Ion Ratio Lower Upper

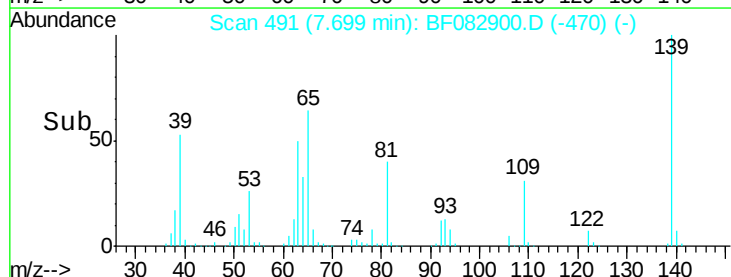
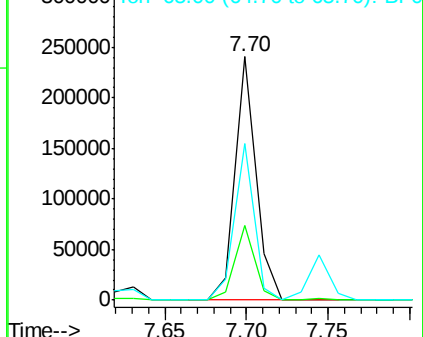
139 100

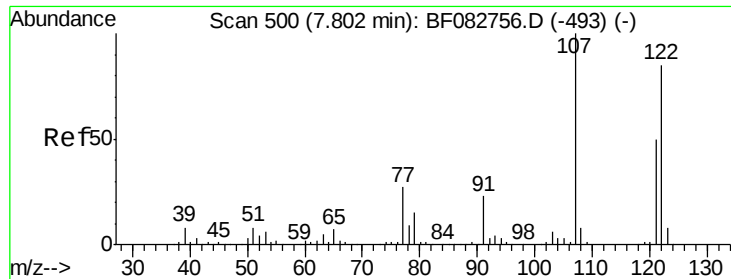
109 30.8 37.6 56.4#

65 64.4 70.6 105.8#



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

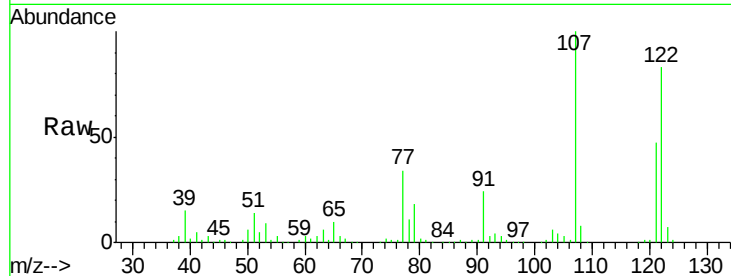




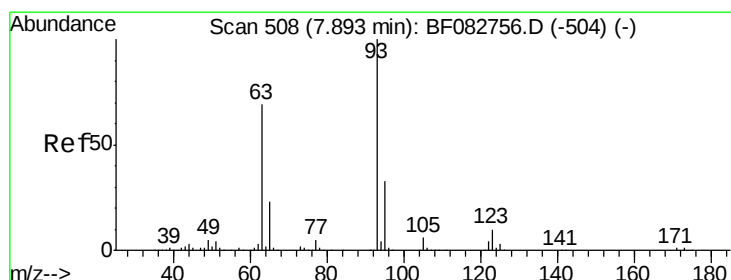
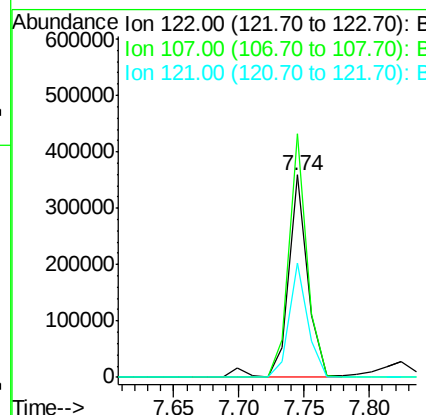
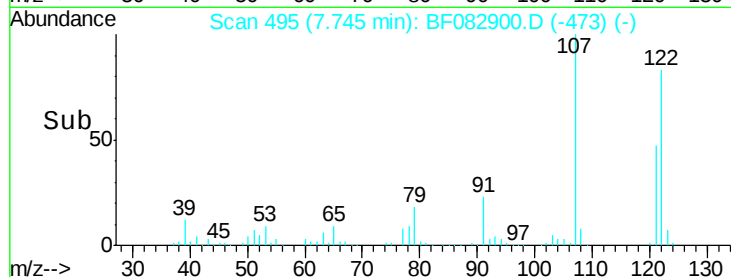
#27
 2,4-Dimethylphenol
 Concen: 21.19 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion: 122 Resp: 375485
 Ion Ratio Lower Upper
 122 100
 107 120.4 106.0 159.0
 121 56.4 46.7 70.1

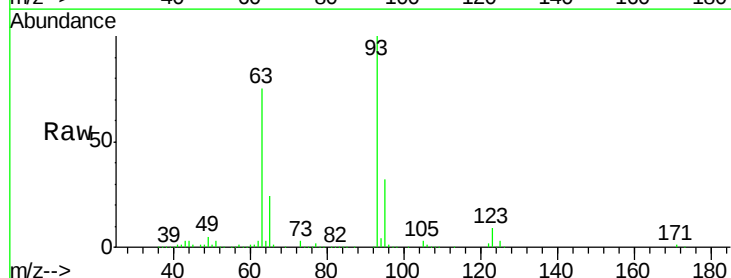


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

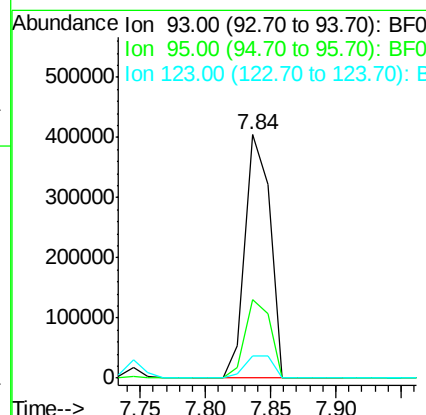
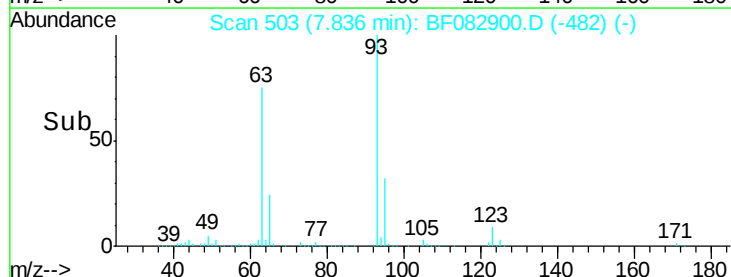


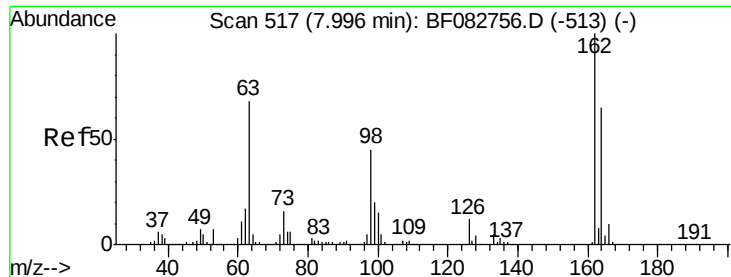
#28
 bis(2-Chloroethoxy)methane
 Concen: 22.25 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion: 93 Resp: 536466
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 8.9 9.7 14.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 24.29 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

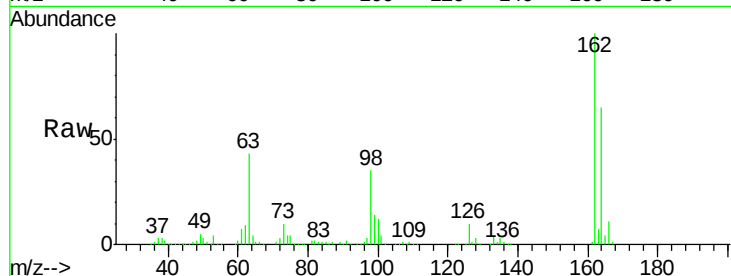
Tgt Ion:162 Resp: 389015

Ion Ratio Lower Upper

162 100

164 64.8 46.8 86.8

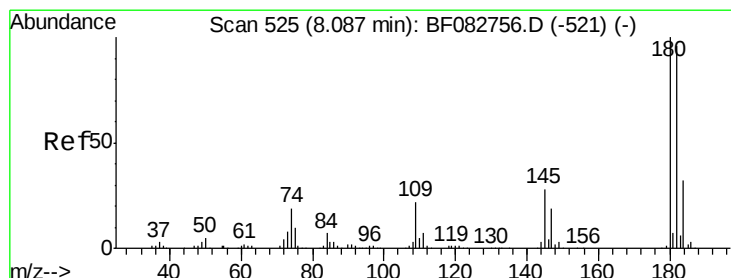
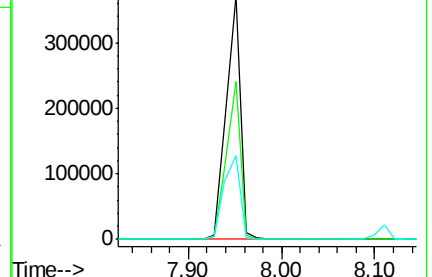
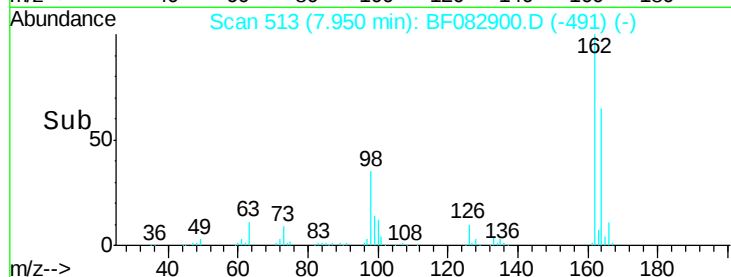
98 34.5 12.5 52.5



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: 21.76 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

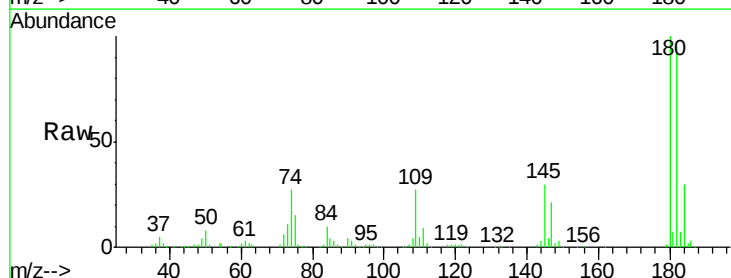
Tgt Ion:180 Resp: 391898

Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

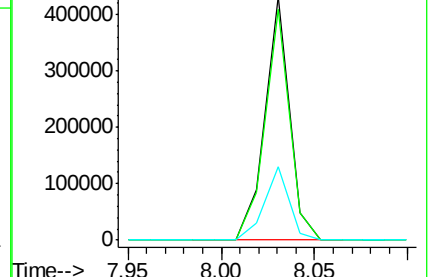
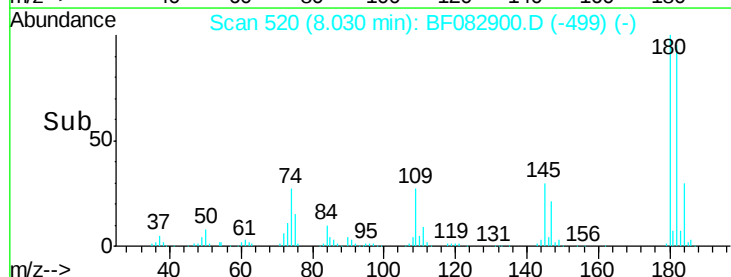
145 30.3 27.8 41.8

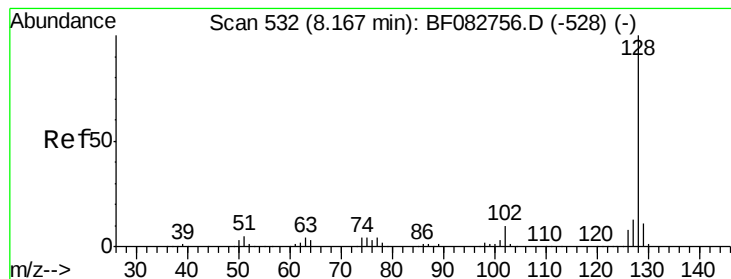


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 22.65 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

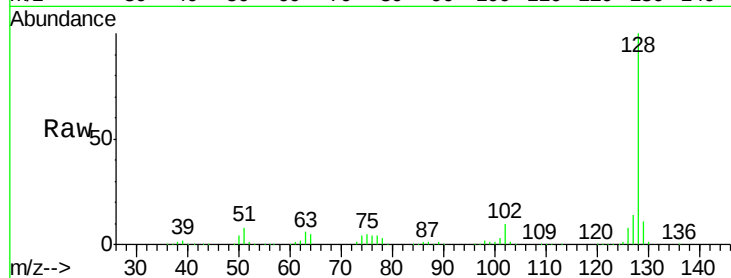
Tgt Ion:128 Resp: 1256227

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

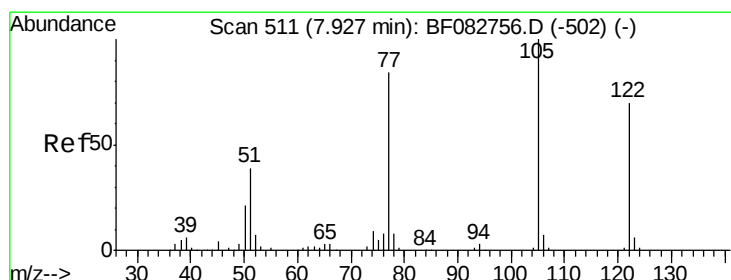
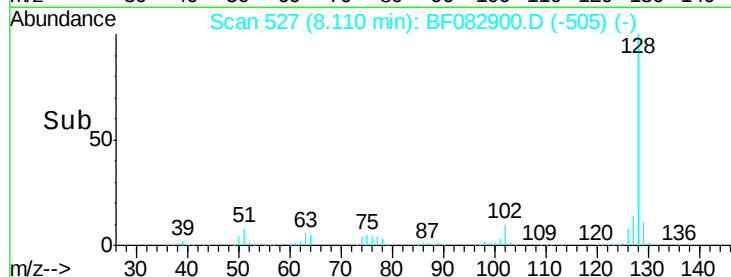
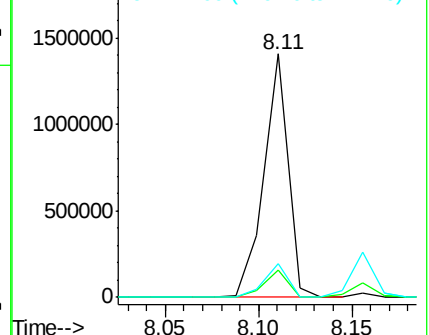
127 13.8 11.4 17.0



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: 4.75 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.08 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

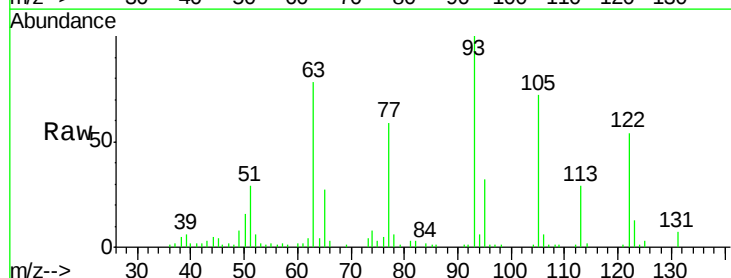
Tgt Ion:122 Resp: 57635

Ion Ratio Lower Upper

122 100

105 133.9 122.6 162.6

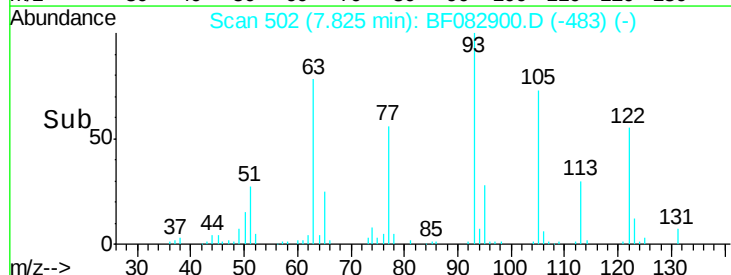
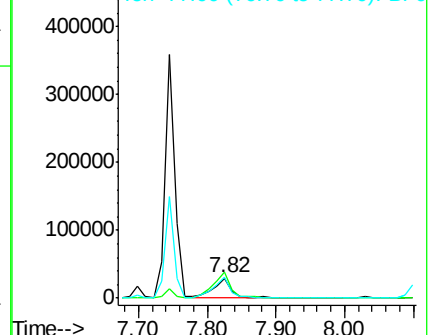
77 109.1 100.9 140.9



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

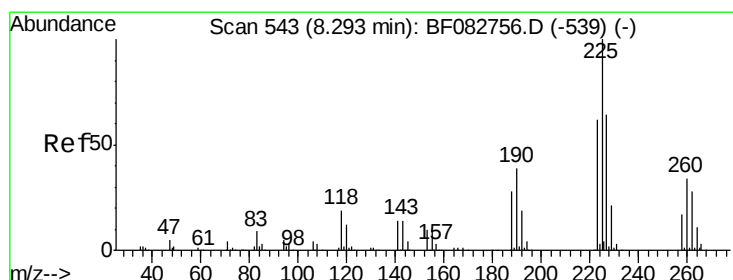
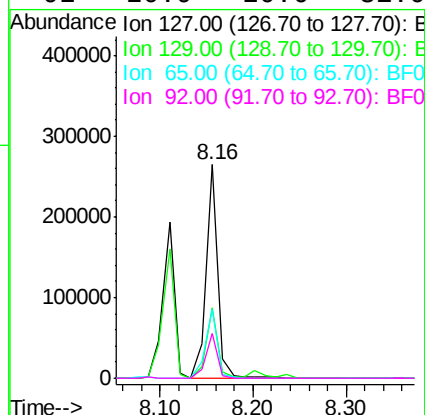
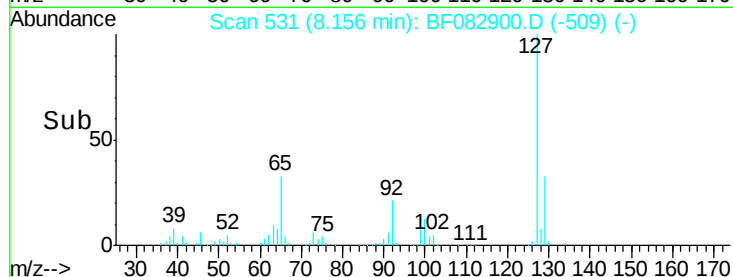
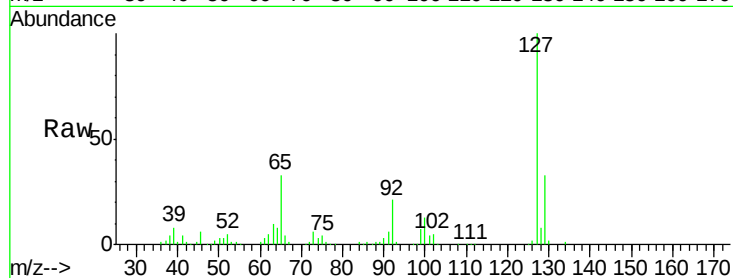




#33
4-Chloroaniline
Concen: 9.84 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

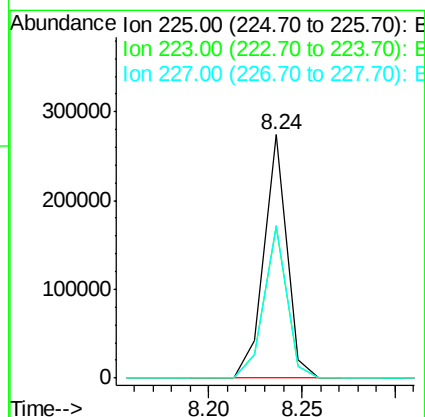
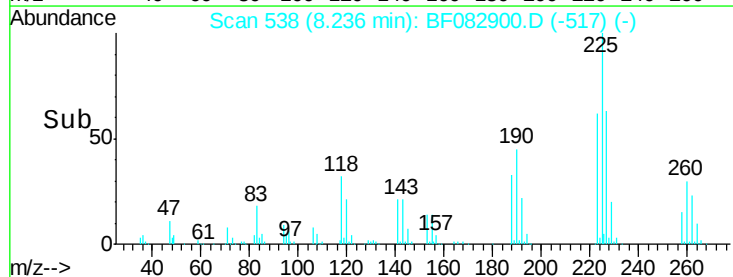
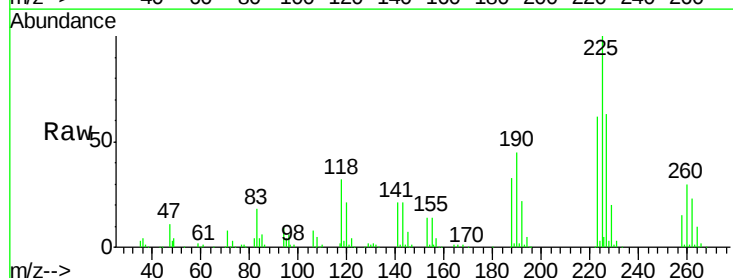
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

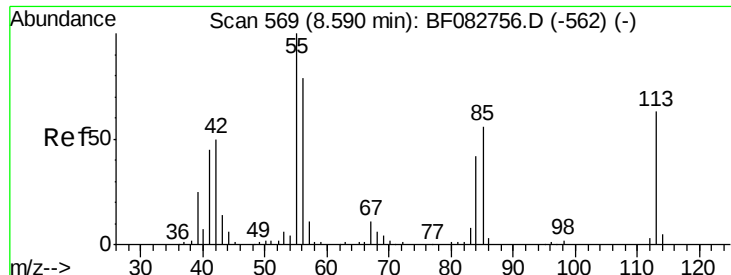
Tgt Ion:	127	Resp:	235177
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	32.6	37.8	56.8#
92	20.9	20.6	31.0



#34
Hexachlorobutadiene
Concen: 20.50 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:	225	Resp:	231028
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	62.9	50.2	75.2

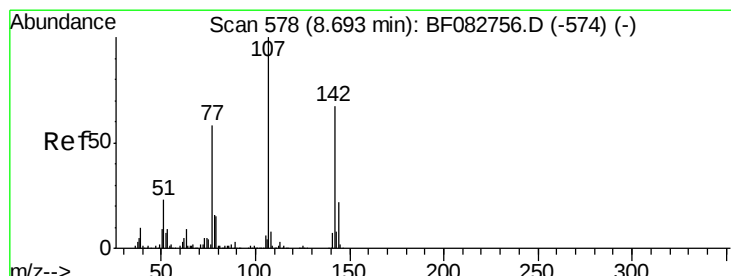
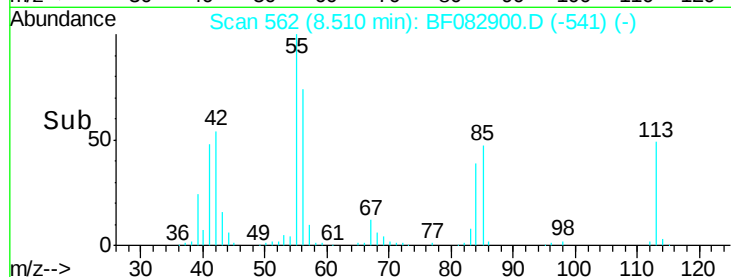
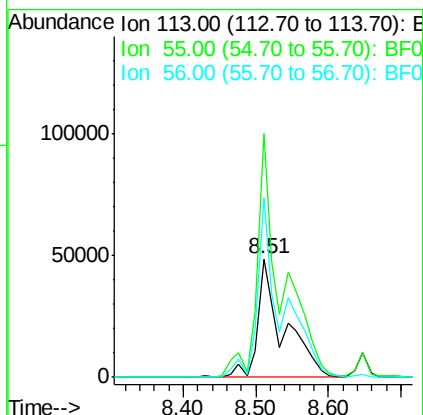
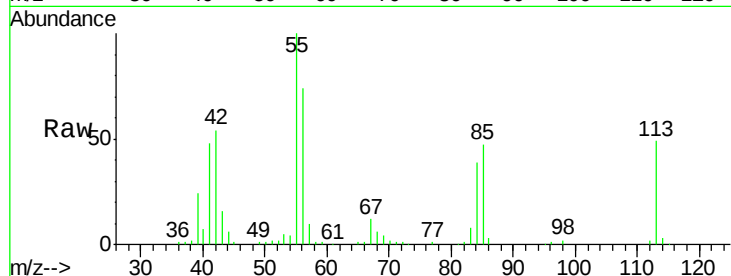




#35
 Caprolactam
 Concen: 23.94 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

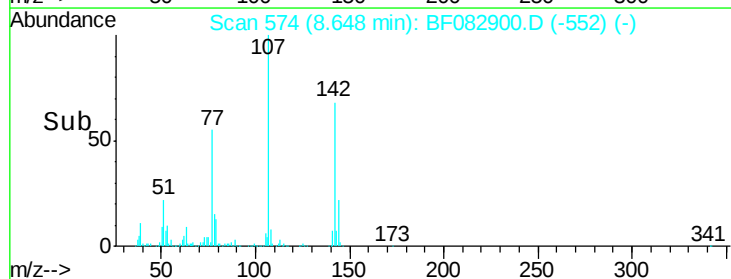
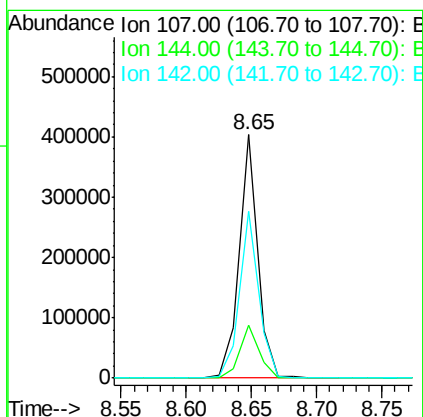
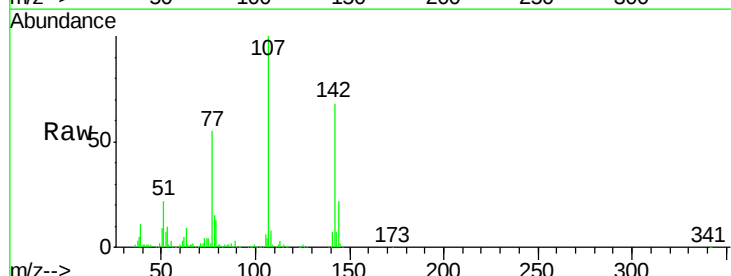
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

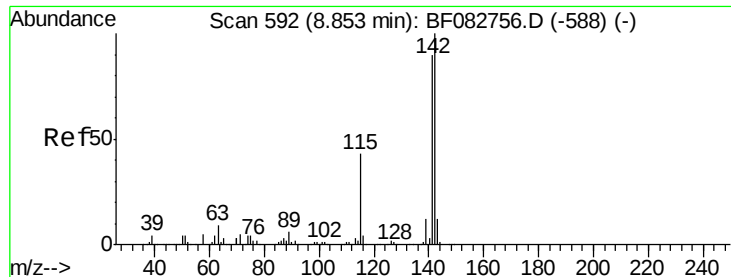
Tgt Ion:113 Resp: 120836
 Ion Ratio Lower Upper
 113 100
 55 205.7 195.5 235.5
 56 152.0 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 21.09 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:107 Resp: 397062
 Ion Ratio Lower Upper
 107 100
 144 21.6 15.4 23.0
 142 68.4 47.8 71.8

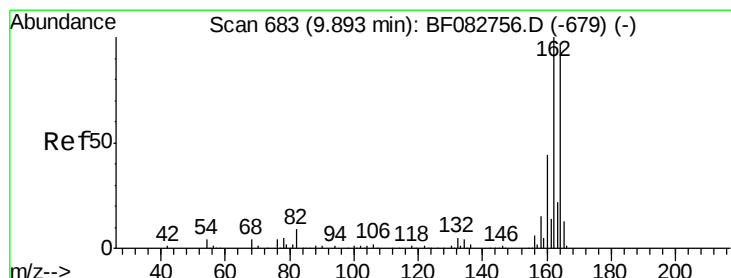
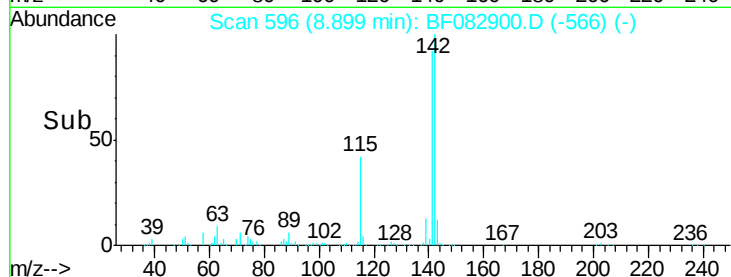
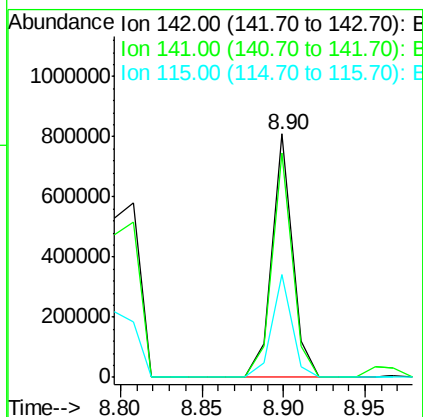
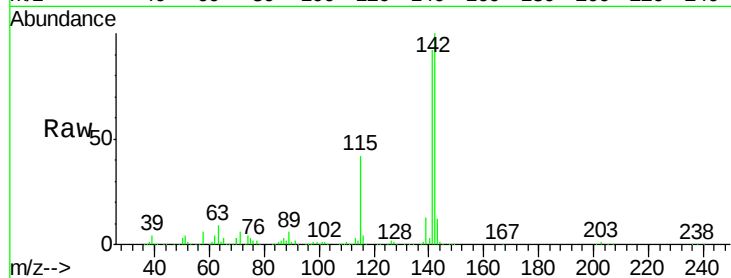




#37
 2-Methylnaphthalene
 Concen: 20.05 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

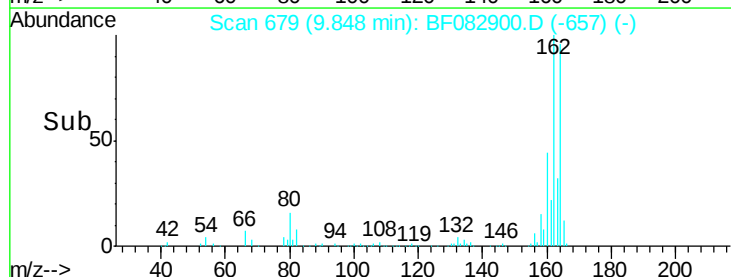
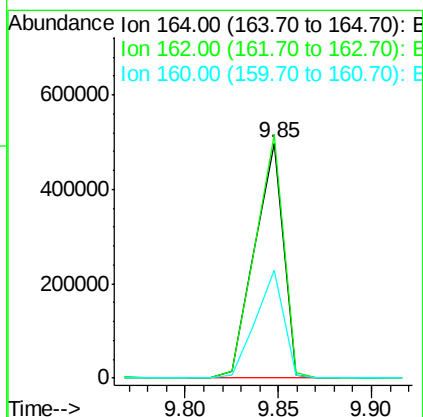
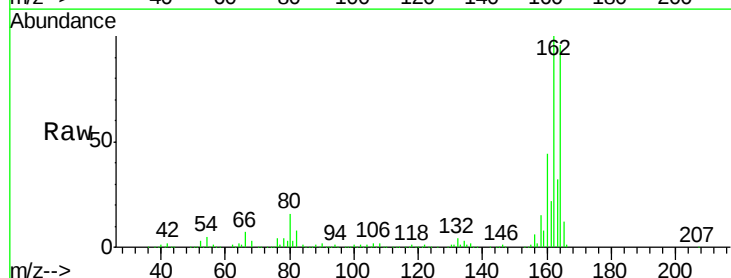
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

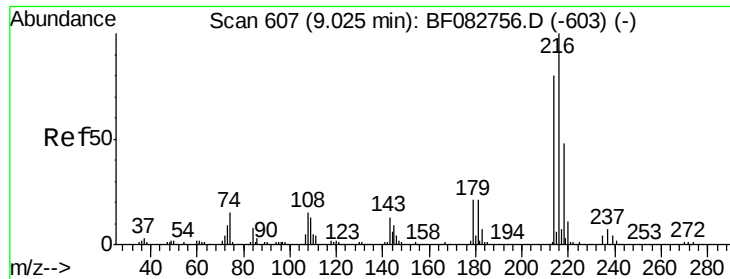
Tgt Ion:142 Resp: 719401
 Ion Ratio Lower Upper
 142 100
 141 92.0 72.3 108.5
 115 42.0 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:164 Resp: 528899
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.9 127.3
 160 45.8 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.74 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:216 Resp: 343101

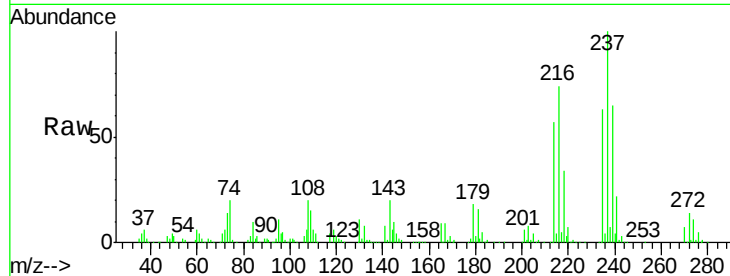
Ion Ratio Lower Upper

216 100

214 77.6 62.2 93.2

179 21.2 18.1 27.1

108 22.3 16.6 25.0

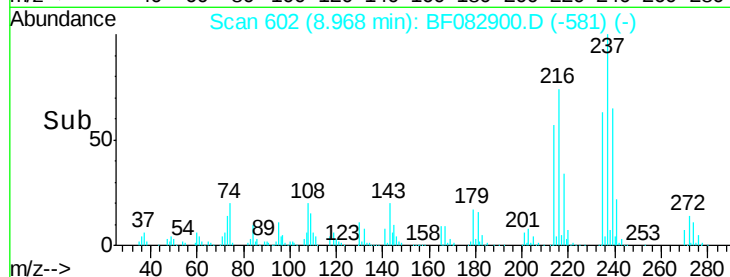


Abundance Ion 216.00 (215.70 to 216.70): E

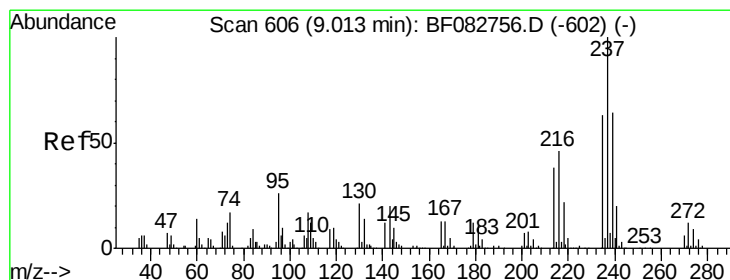
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 44.73 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

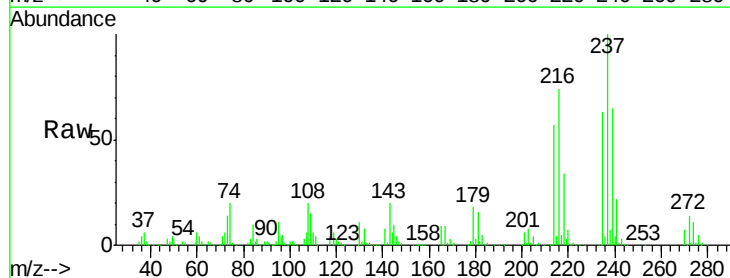
Tgt Ion:237 Resp: 417642

Ion Ratio Lower Upper

237 100

235 62.6 44.3 84.3

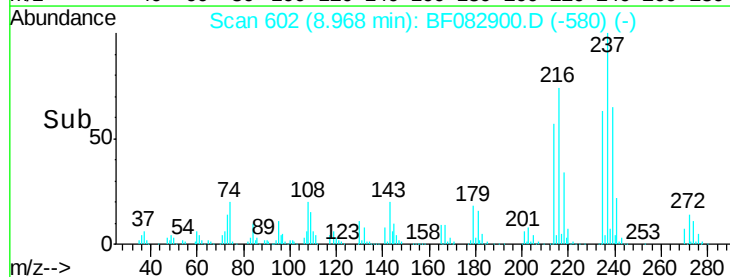
272 14.2 0.0 31.9



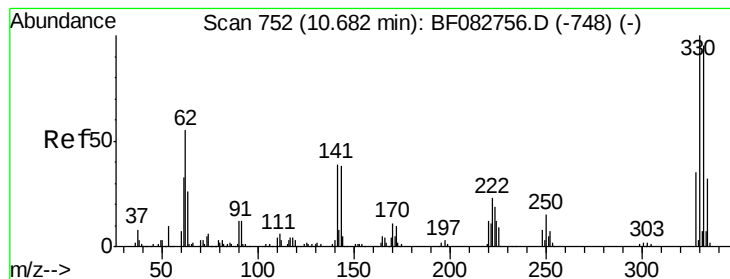
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 65.81 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

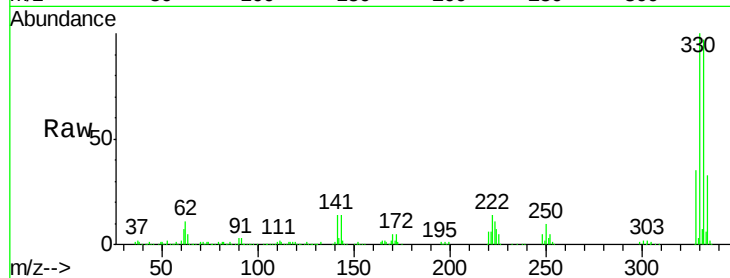
Tgt Ion:330 Resp: 399124

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

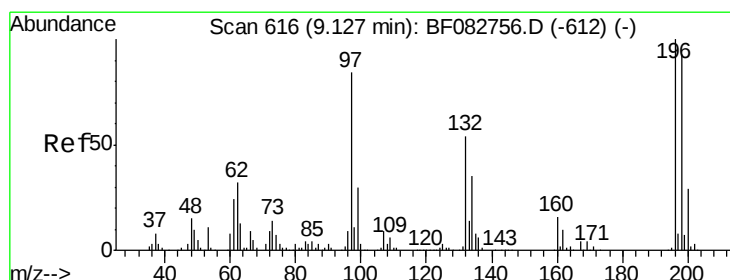
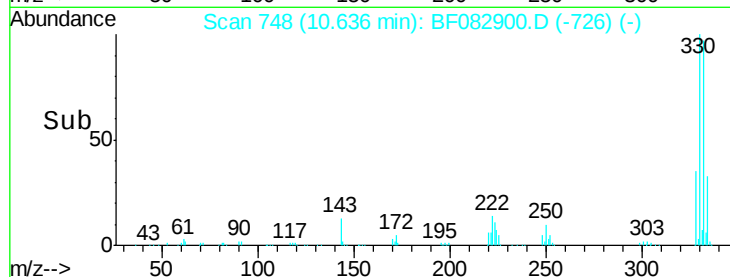
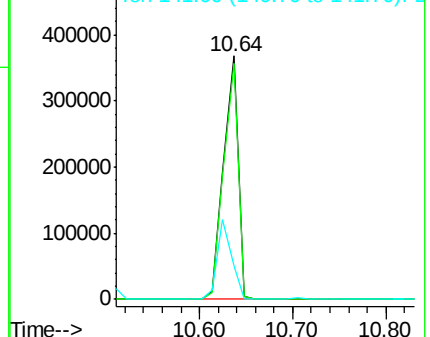
141 32.5 41.2 61.8#



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: 20.97 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

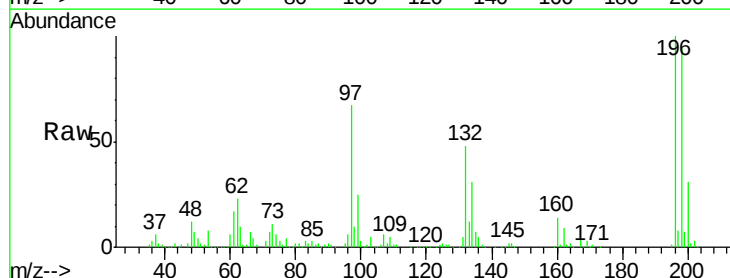
Tgt Ion:196 Resp: 272019

Ion Ratio Lower Upper

196 100

198 94.4 76.3 114.5

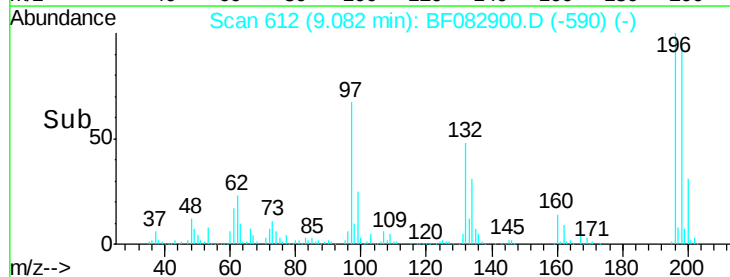
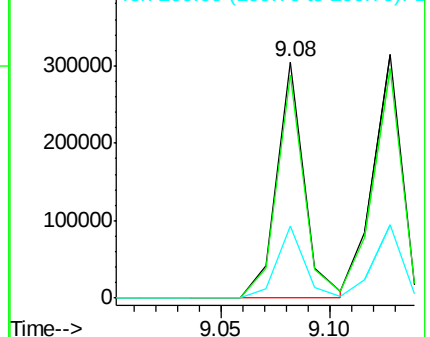
200 30.5 23.9 35.9

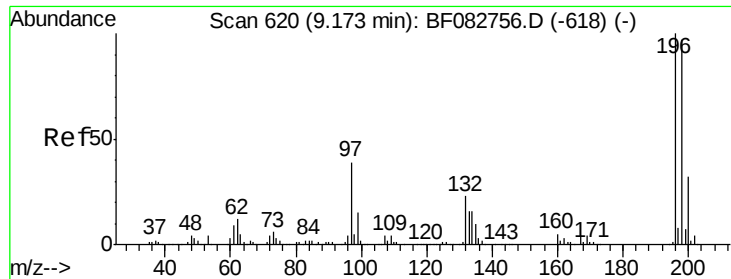


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

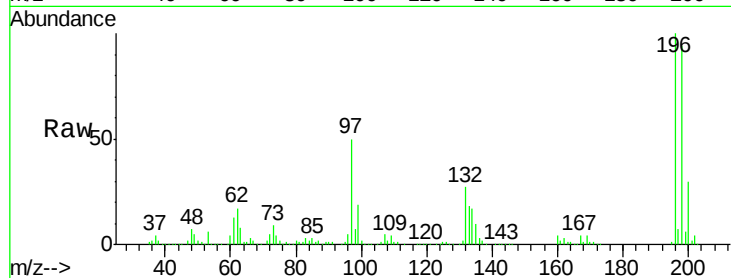




#43
 2,4,5-Trichlorophenol
 Concen: 22.61 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.8	113.8
97	50.1	62.3	93.5#
132	26.9	27.4	41.2#



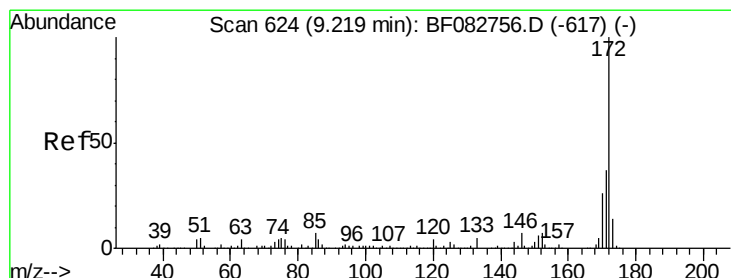
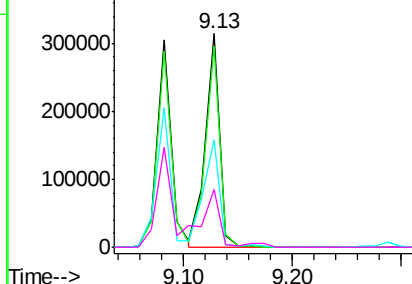
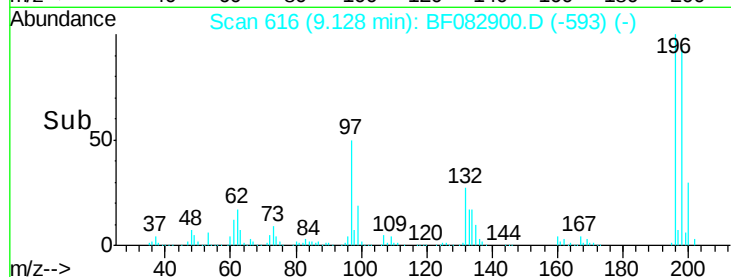
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

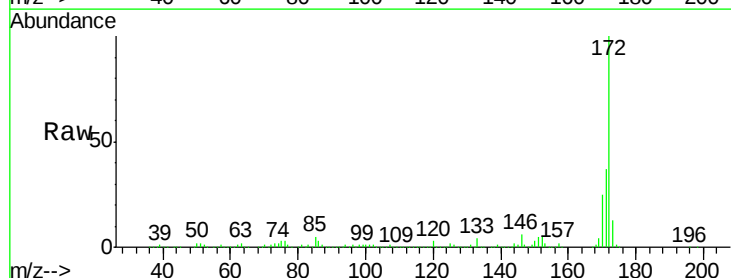
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 44.41 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	24.5	21.2	31.8

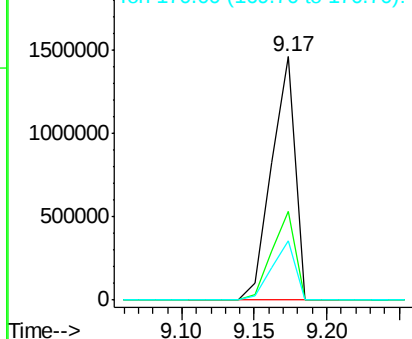
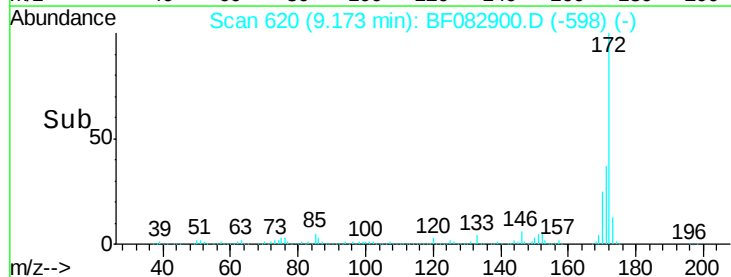


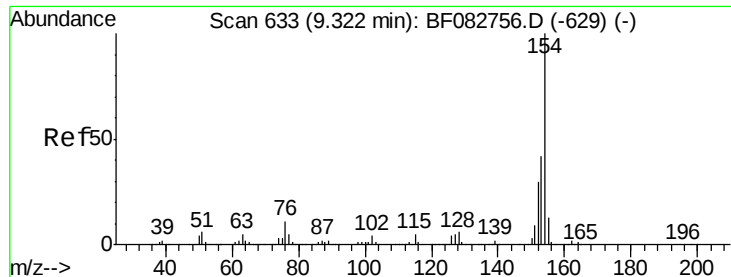
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 20.31 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

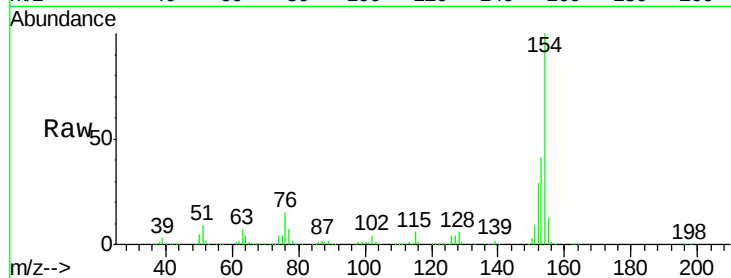
Tgt Ion:154 Resp: 921935

Ion Ratio Lower Upper

154 100

153 40.6 22.0 62.0

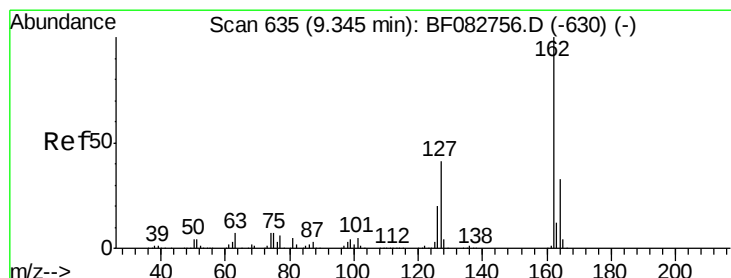
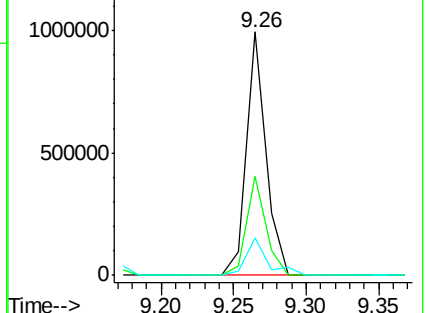
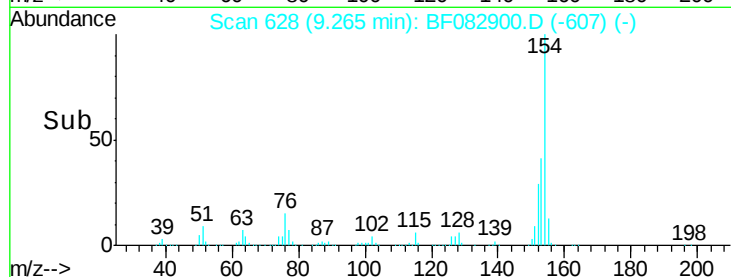
76 15.4 0.0 29.0



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: 20.84 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

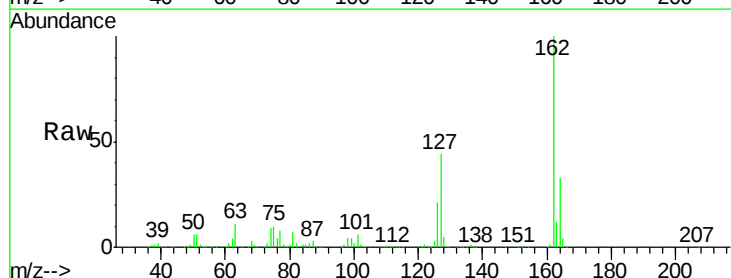
Tgt Ion:162 Resp: 737714

Ion Ratio Lower Upper

162 100

127 44.4 32.7 49.1

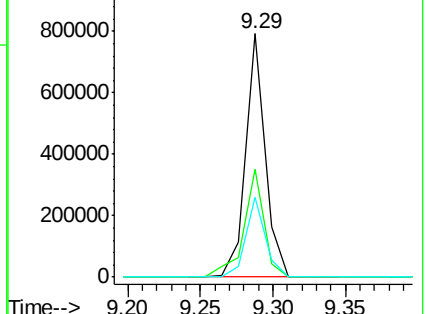
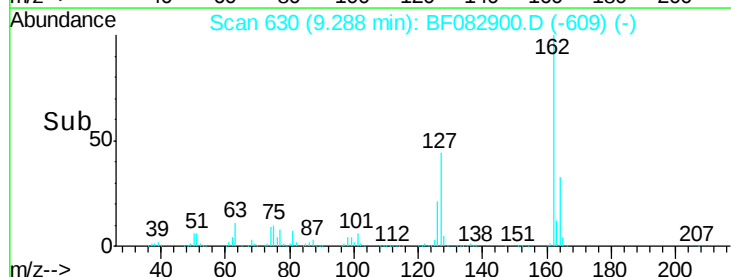
164 33.0 27.4 41.0

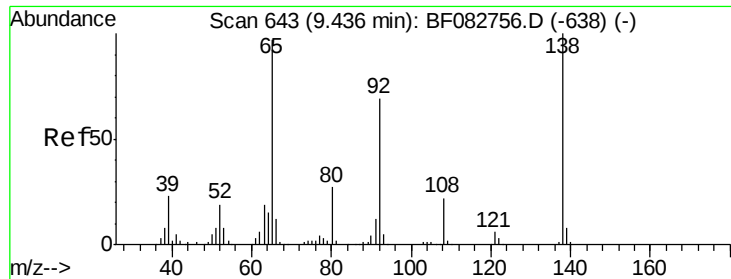


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 19.38 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

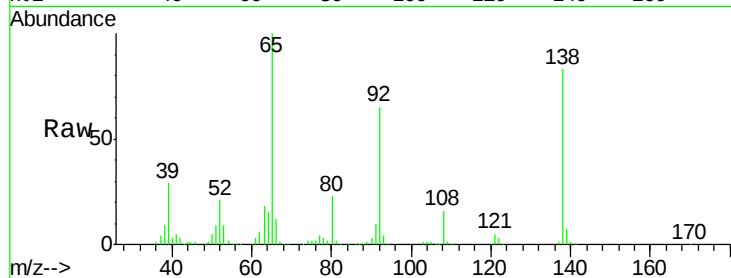
Tgt Ion: 65 Resp: 254543

Ion Ratio Lower Upper

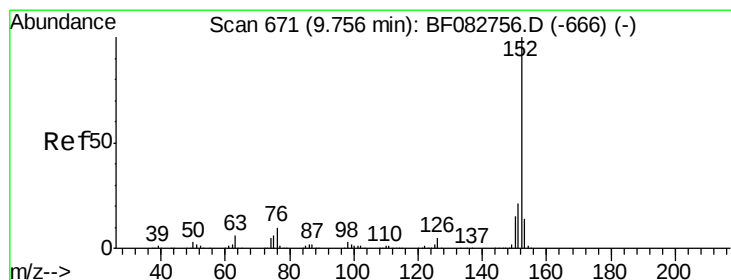
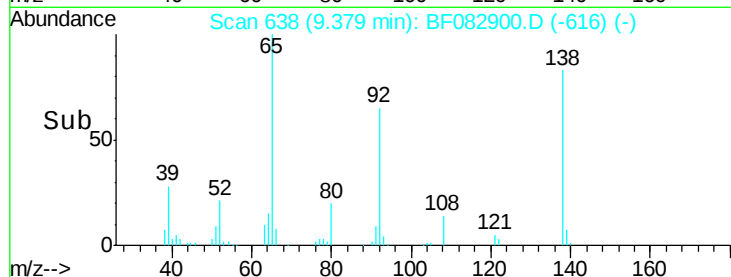
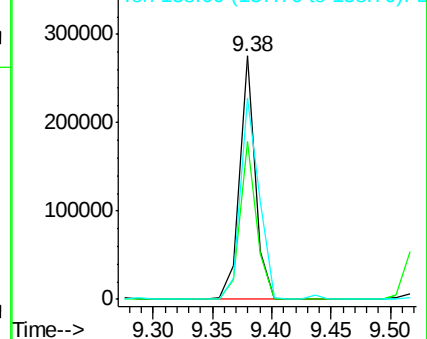
65 100

92 64.7 46.6 70.0

138 82.7 54.6 81.8#



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



#48

Acenaphthylene

Concen: 21.86 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

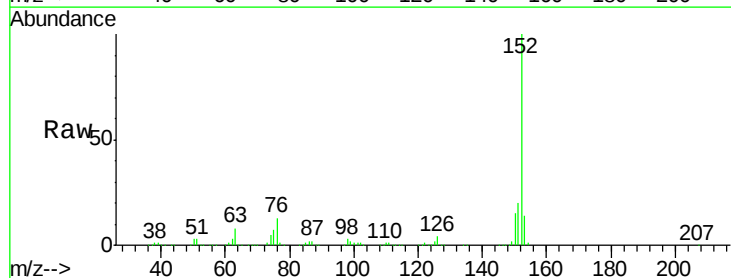
Tgt Ion: 152 Resp: 1212872

Ion Ratio Lower Upper

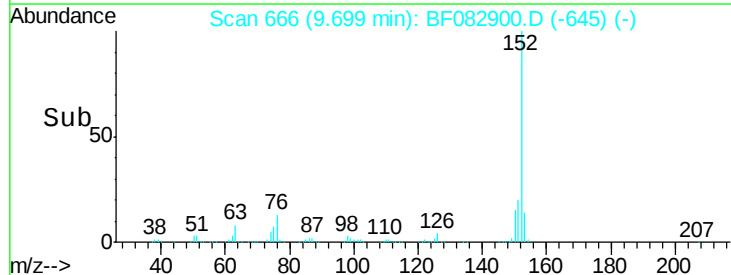
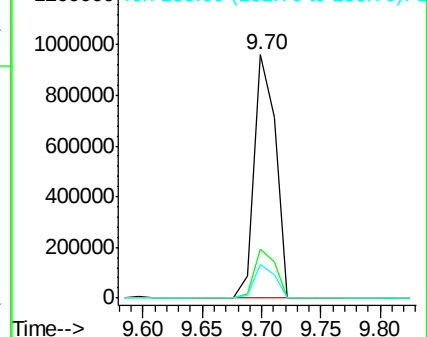
152 100

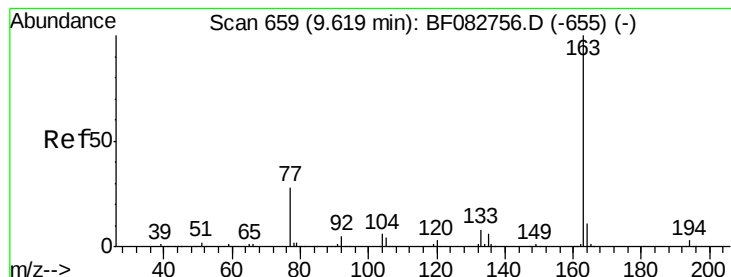
151 20.2 17.3 25.9

153 13.7 11.3 16.9



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: 32.55 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

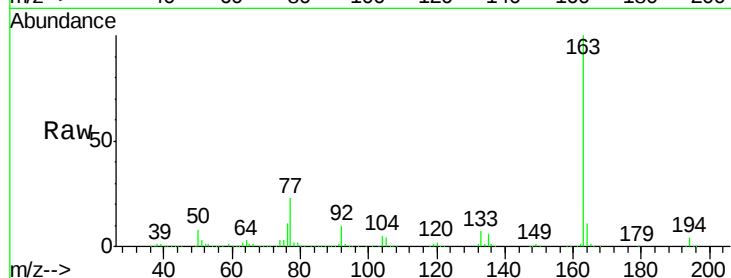
Tgt Ion:163 Resp: 1410290

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

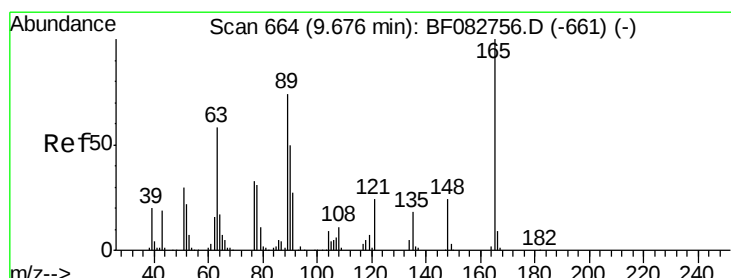
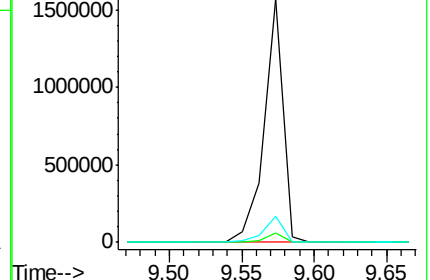
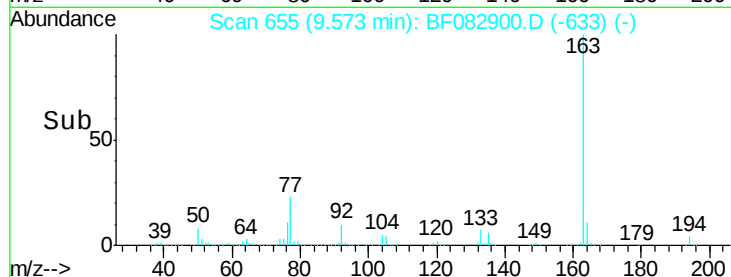
164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 24.52 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

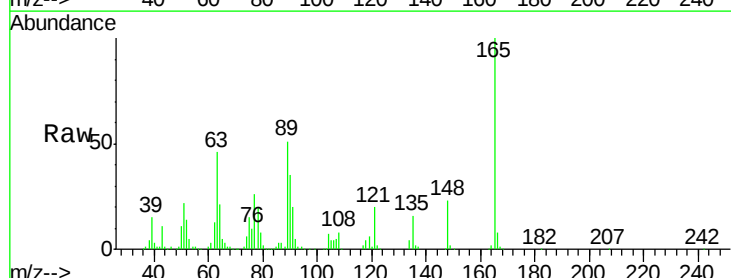
Tgt Ion:165 Resp: 226737

Ion Ratio Lower Upper

165 100

63 46.1 55.5 83.3#

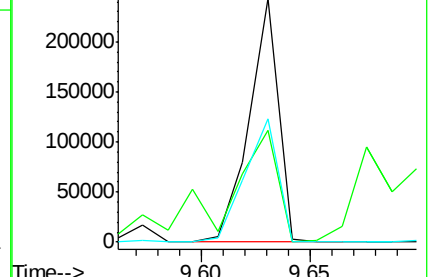
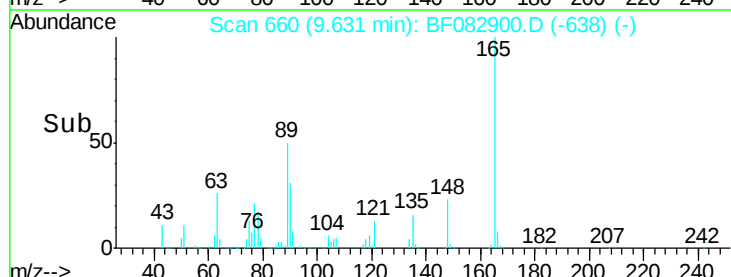
89 50.9 55.0 82.6#

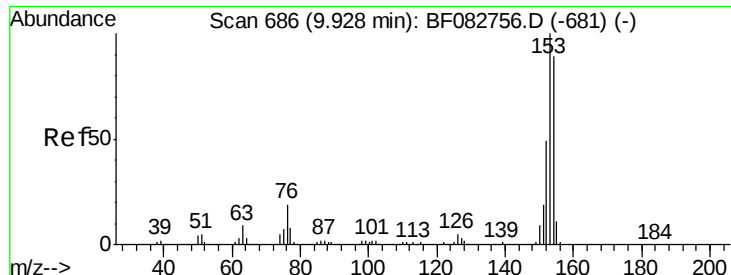


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 22.72 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

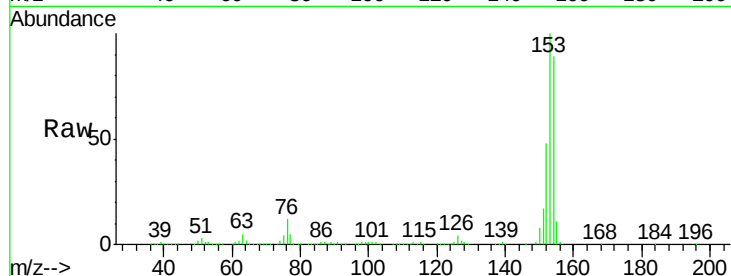
Tgt Ion:154 Resp: 799065

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

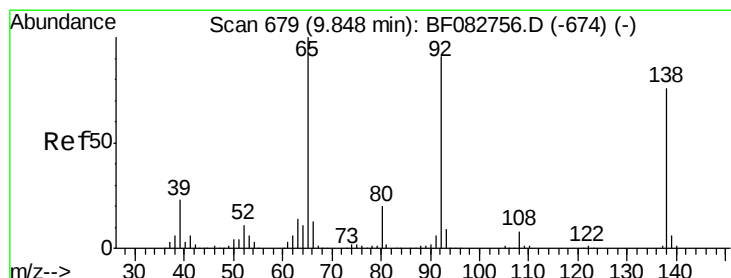
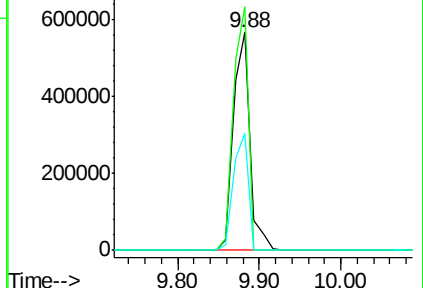
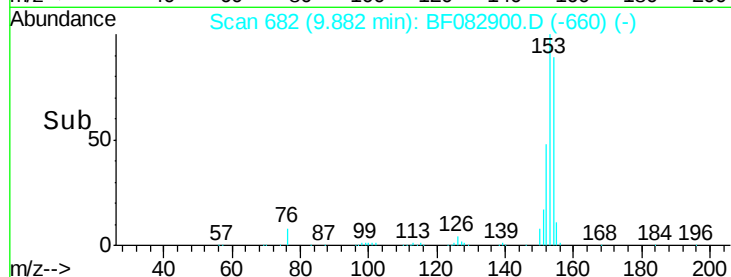
152 53.9 44.3 66.5



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: 15.08 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

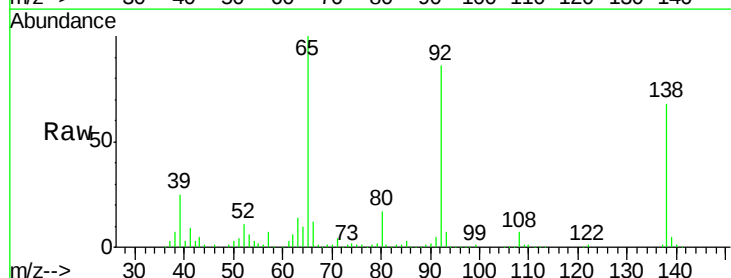
Tgt Ion:138 Resp: 153314

Ion Ratio Lower Upper

138 100

108 10.3 11.3 16.9#

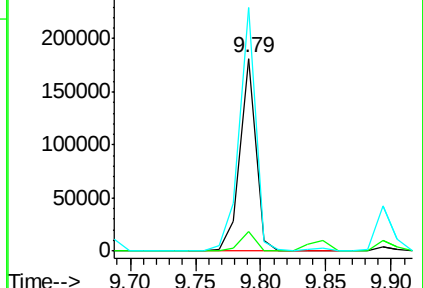
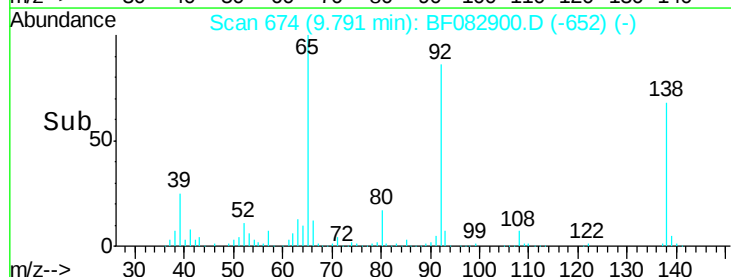
92 126.5 122.4 183.6

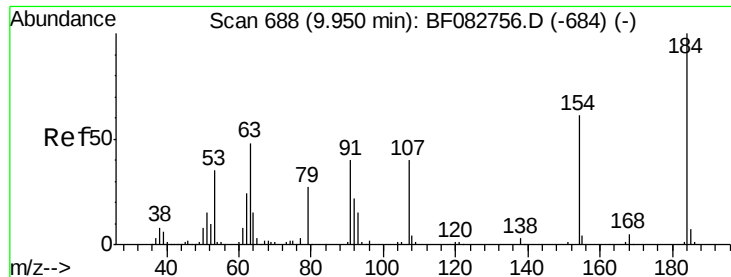


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

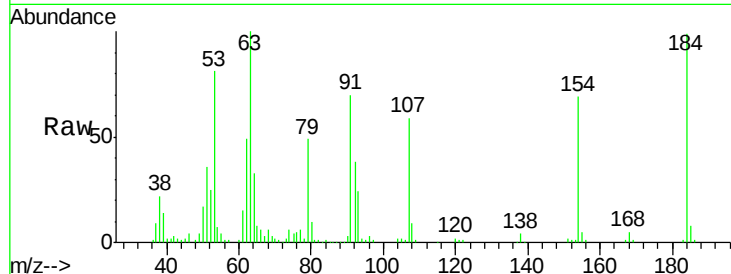




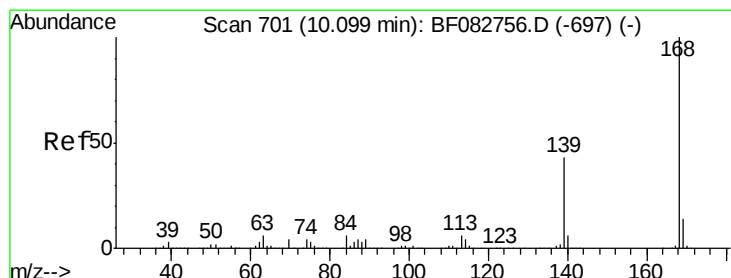
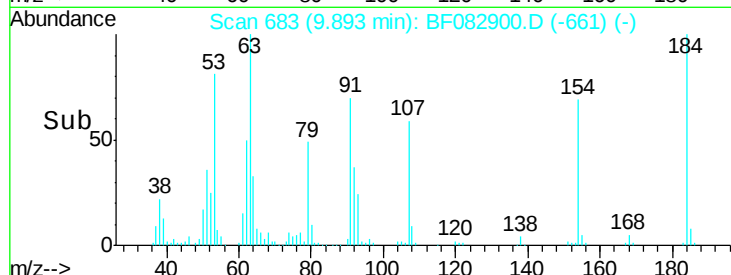
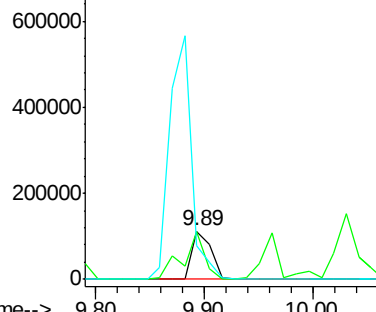
#53
 2,4-Dinitrophenol
 Concen: 27.92 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion:184 Resp: 141733
 Ion Ratio Lower Upper
 184 100
 63 100.8 98.6 148.0
 154 69.3 183.9 275.9#

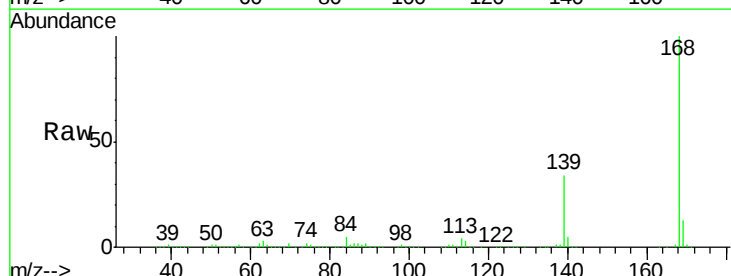


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

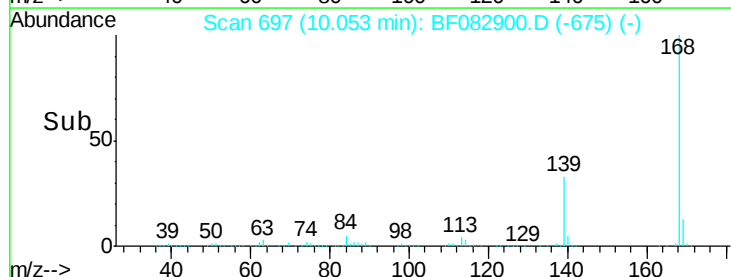
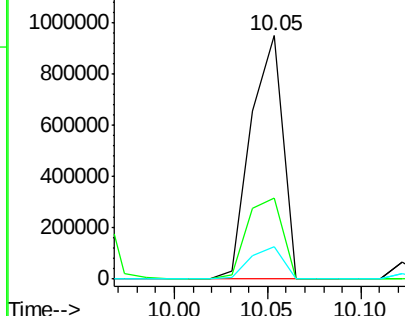


#54
 Dibenzofuran
 Concen: 23.79 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:168 Resp: 1127724
 Ion Ratio Lower Upper
 168 100
 139 33.5 37.8 56.6#
 169 13.2 11.3 16.9



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

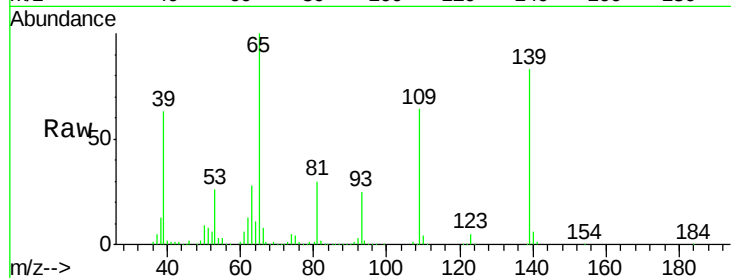




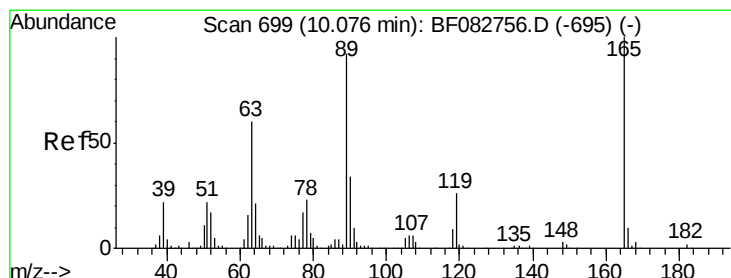
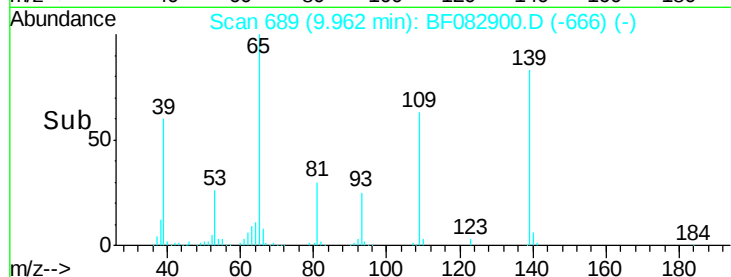
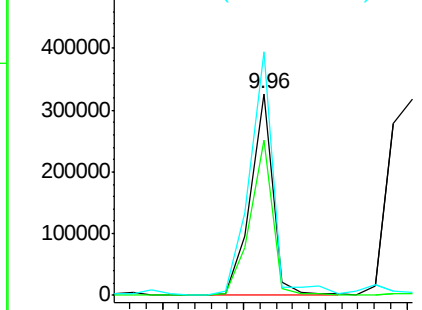
#55
4-Nitrophenol
Concen: 40.38 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion:139 Resp: 314988
Ion Ratio Lower Upper
139 100
109 76.8 73.7 113.7
65 120.6 82.9 122.9

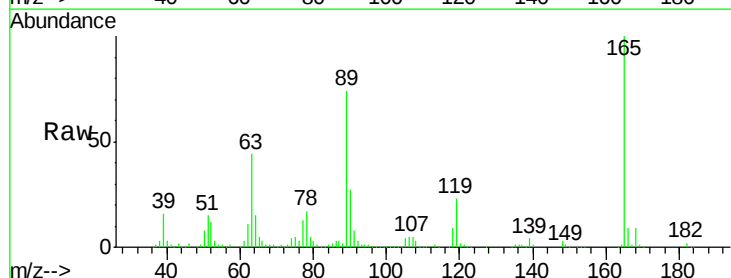


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

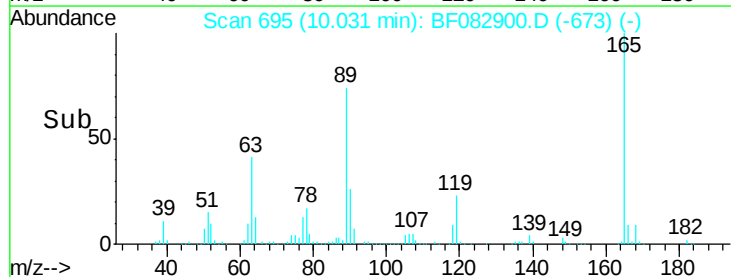
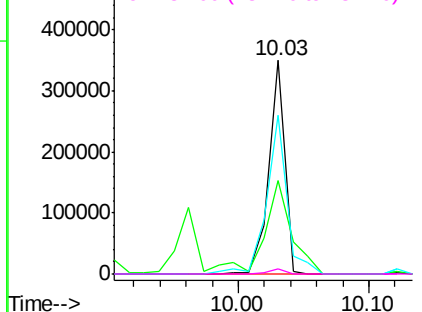


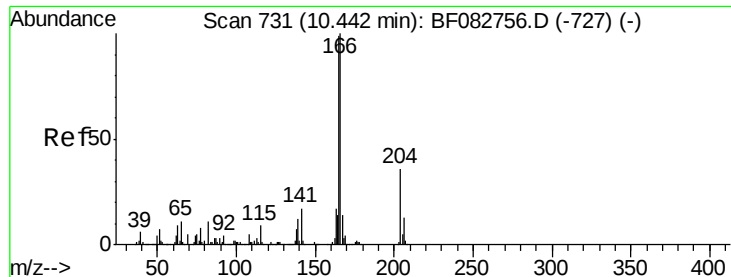
#56
2,4-Dinitrotoluene
Concen: 24.14 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:165 Resp: 302786
Ion Ratio Lower Upper
165 100
63 43.5 43.4 65.0
89 74.2 70.6 106.0
182 2.4 1.5 2.3#



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

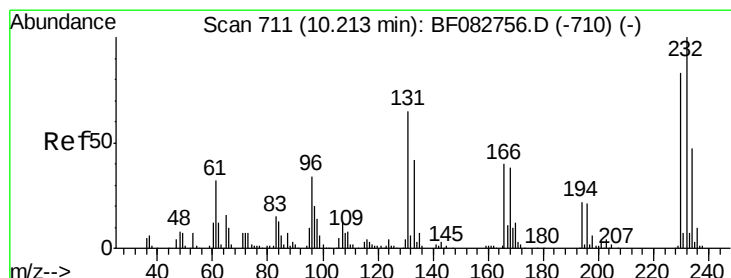
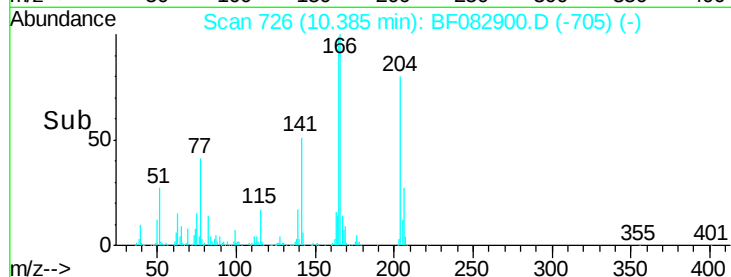
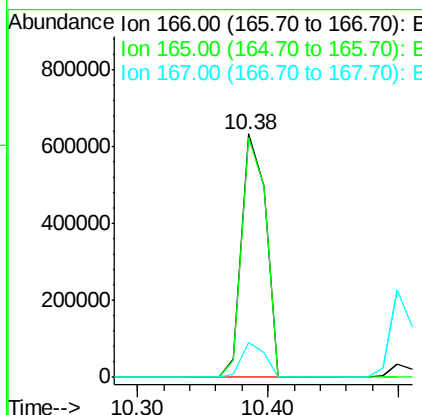
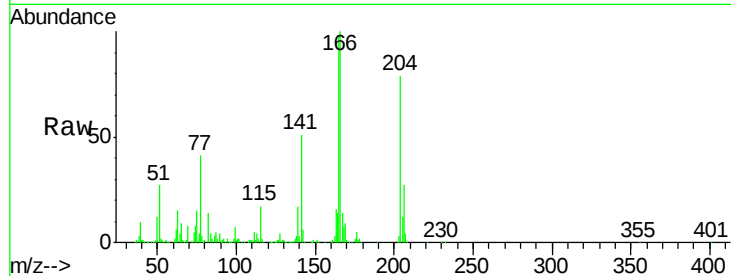




#57
Fluorene
 Concen: 21.13 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

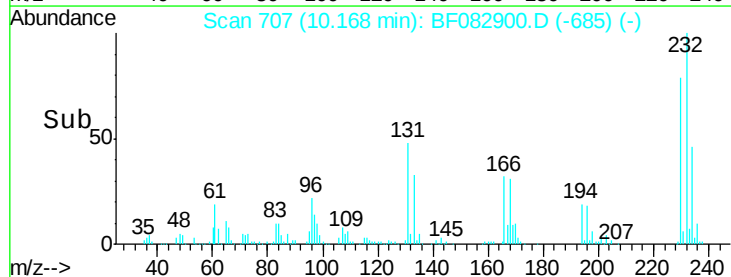
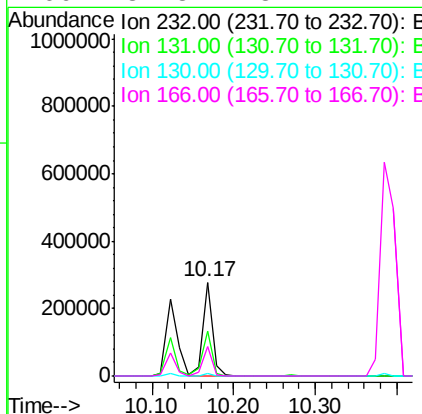
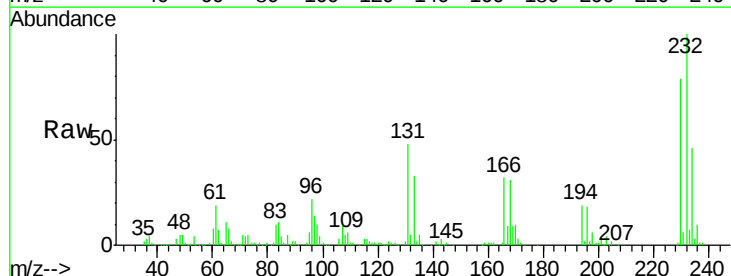
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

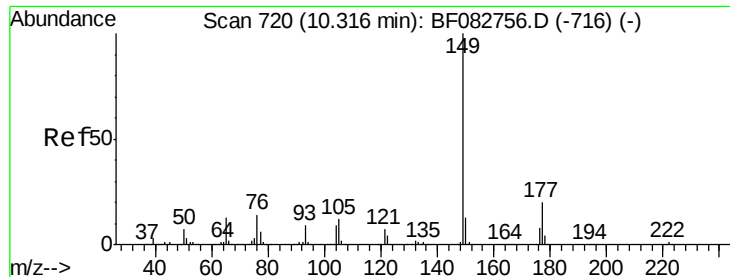
Tgt Ion:166 Resp: 811409
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.2 120.4
 167 14.5 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 22.66 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:232 Resp: 237281
 Ion Ratio Lower Upper
 232 100
 131 47.2 46.2 69.2
 130 2.3 2.4 3.6#
 166 31.8 28.2 42.2

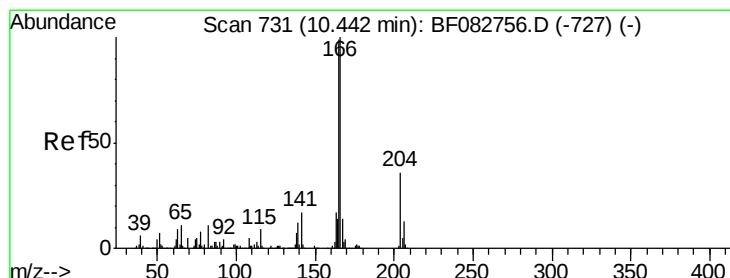
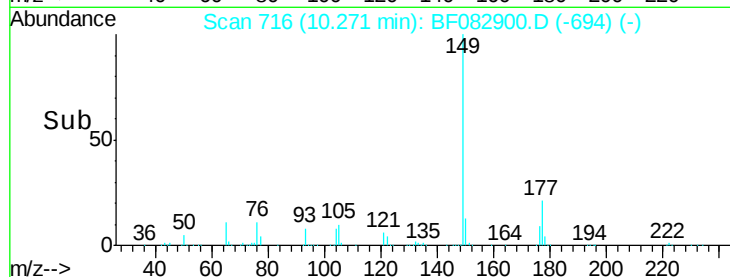
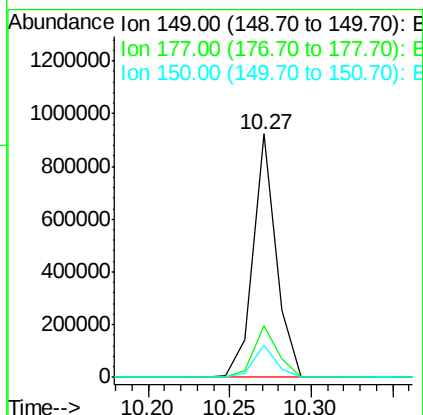
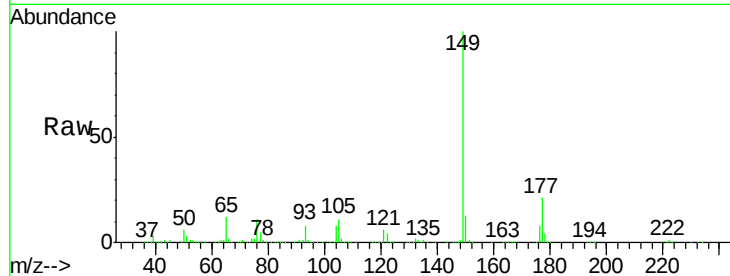




#59
Diethylphthalate
Concen: 21.53 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

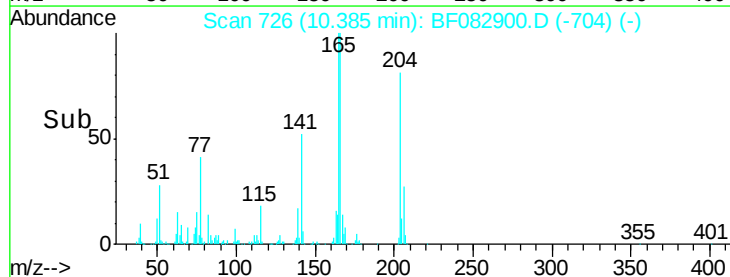
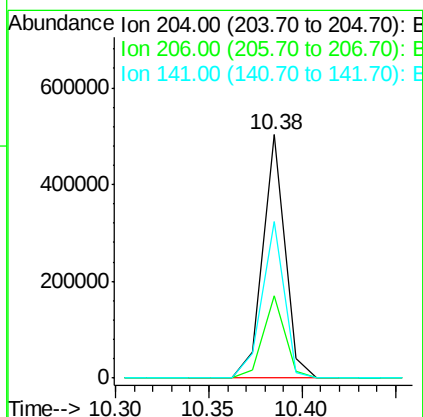
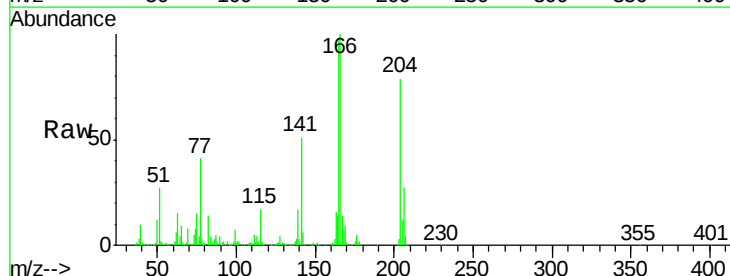
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

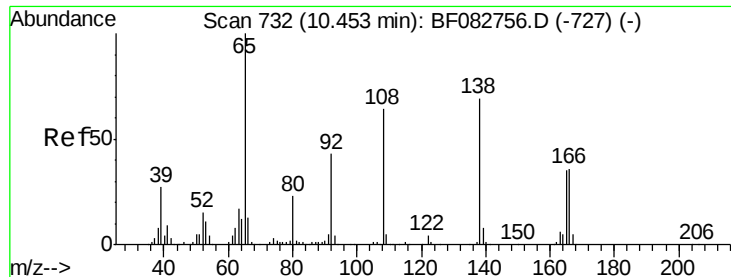
Tgt Ion:149 Resp: 910952
Ion Ratio Lower Upper
149 100
177 21.2 17.9 26.9
150 13.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.37 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:204 Resp: 410593
Ion Ratio Lower Upper
204 100
206 33.9 28.5 42.7
141 64.1 44.6 66.8

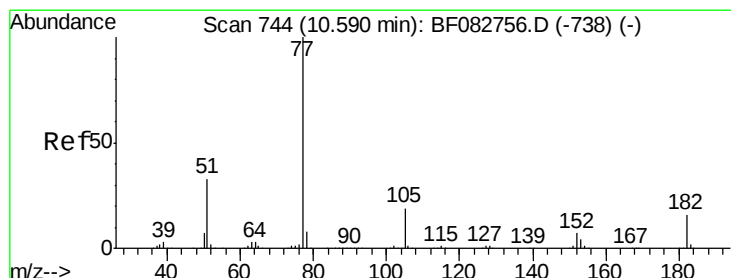
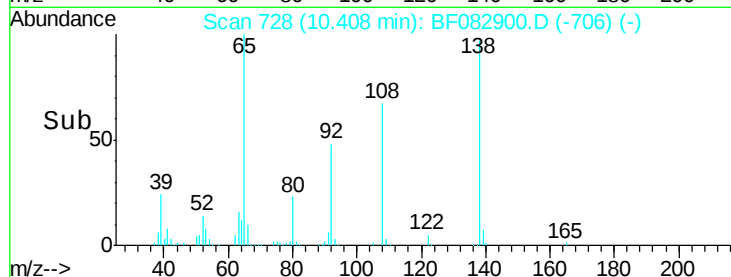
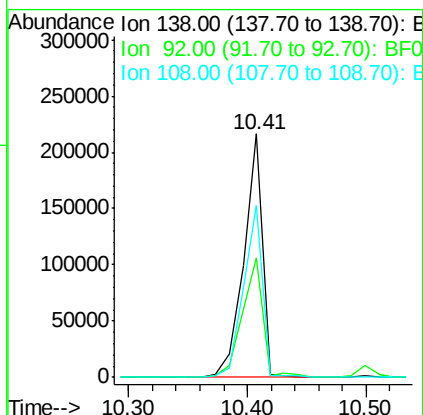
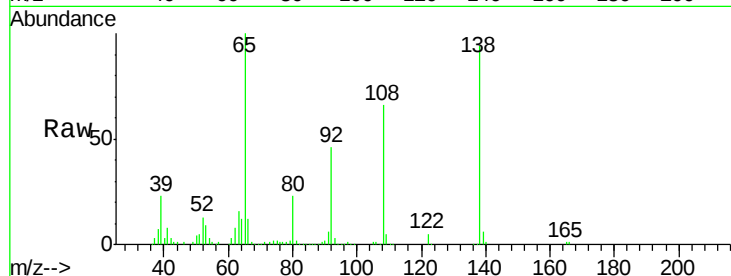




#61
4-Nitroaniline
Concen: 23.10 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

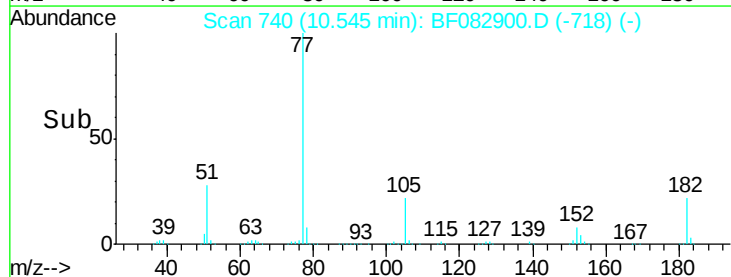
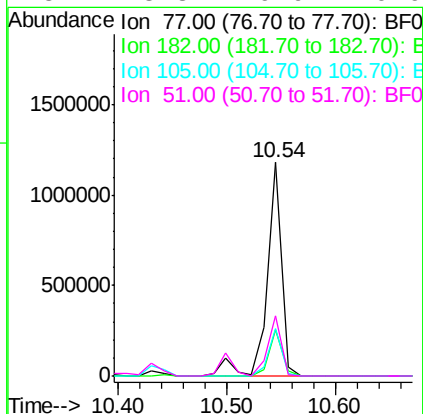
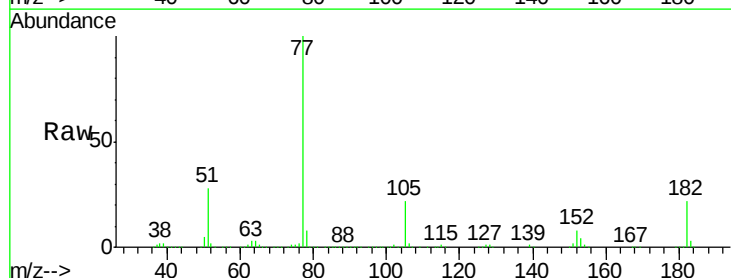
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

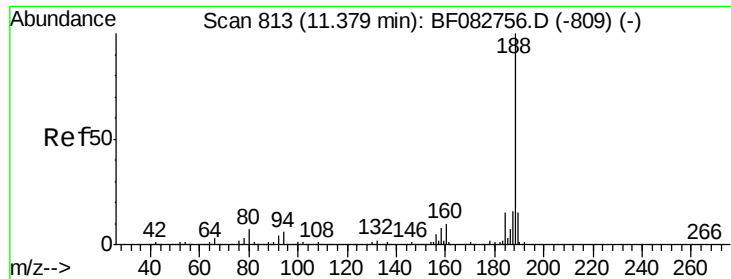
Tgt Ion:138 Resp: 236181
Ion Ratio Lower Upper
138 100
92 49.3 45.8 85.8
108 70.5 89.4 129.4#



#62
Azobenzene
Concen: 24.74 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion: 77 Resp: 1124500
Ion Ratio Lower Upper
77 100
182 21.6 9.3 49.3
105 22.3 2.6 42.6
51 28.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

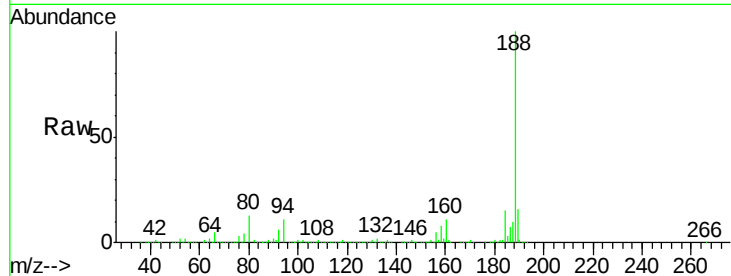
Tgt Ion:188 Resp: 935831

Ion Ratio Lower Upper

188 100

94 11.2 6.1 9.1#

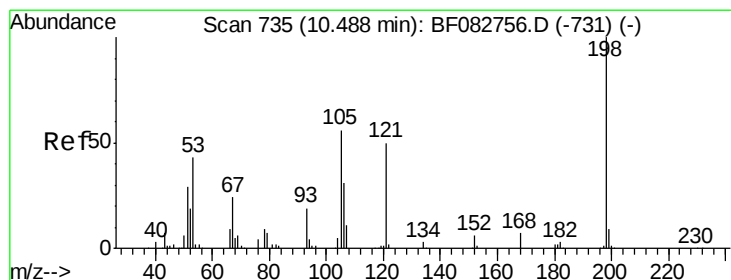
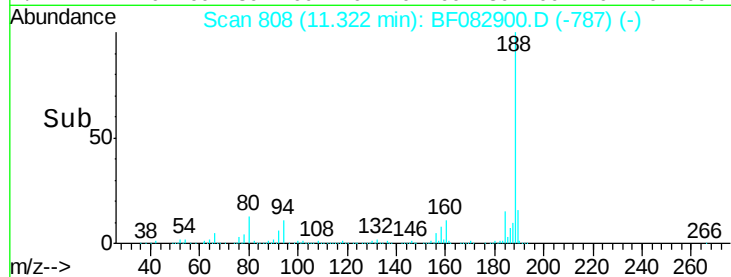
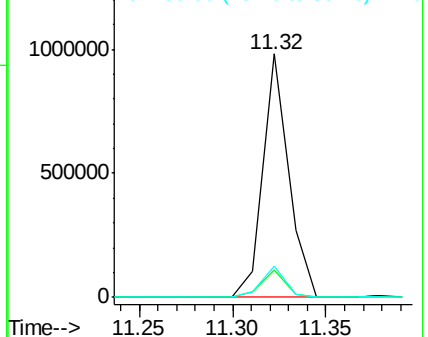
80 12.8 7.0 10.6#



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: 22.55 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

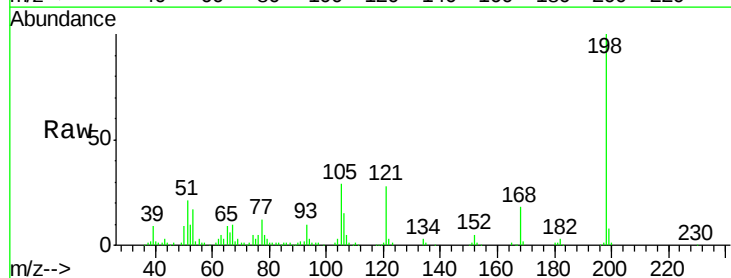
Tgt Ion:198 Resp: 150362

Ion Ratio Lower Upper

198 100

51 21.2 17.3 57.3

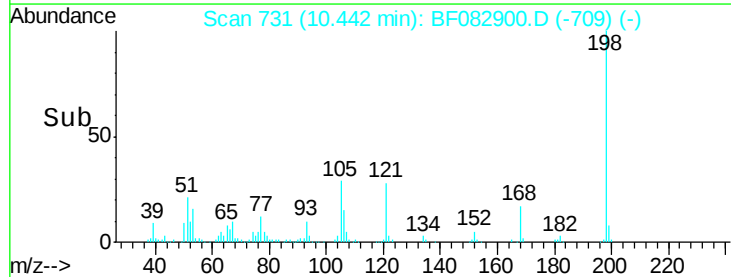
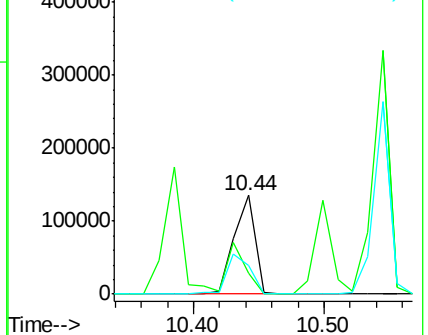
105 28.6 21.7 61.7

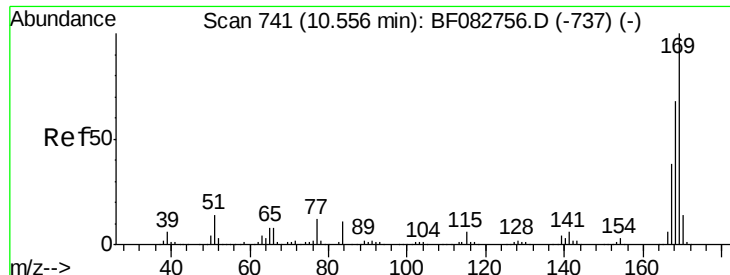


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

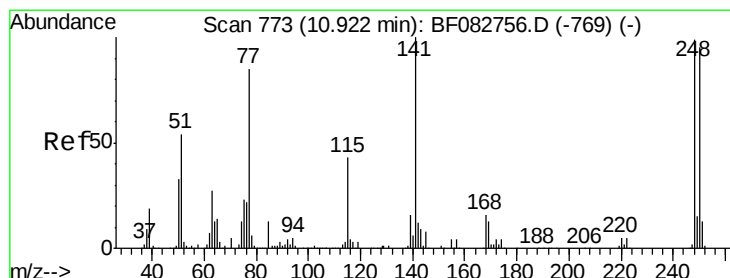
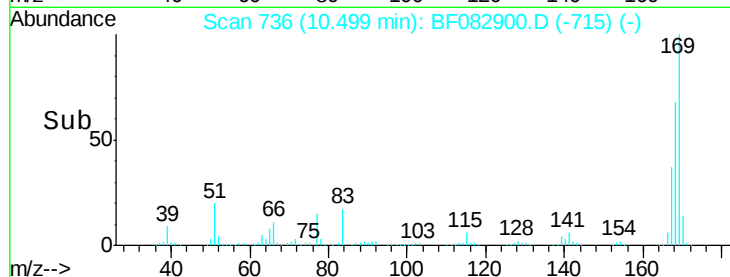
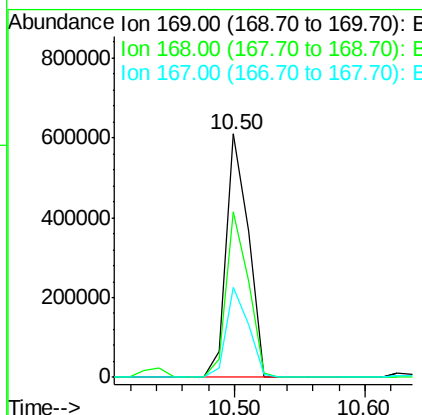
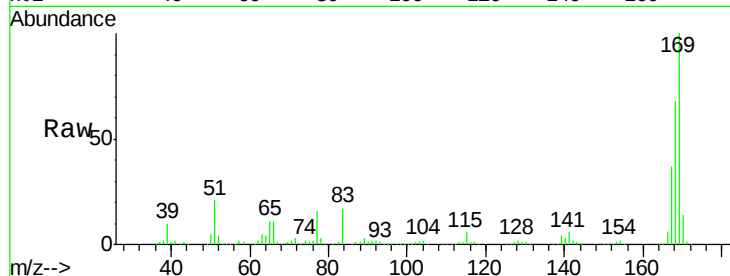




#65
n-Nitrosodiphenylamine
Concen: 21.31 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

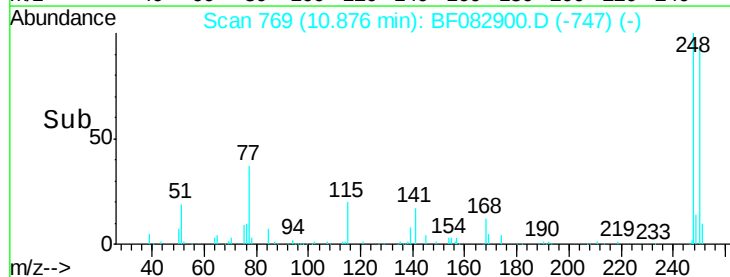
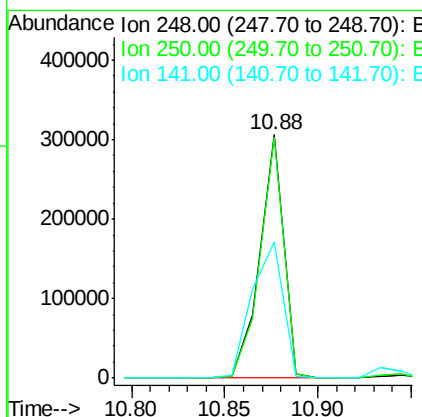
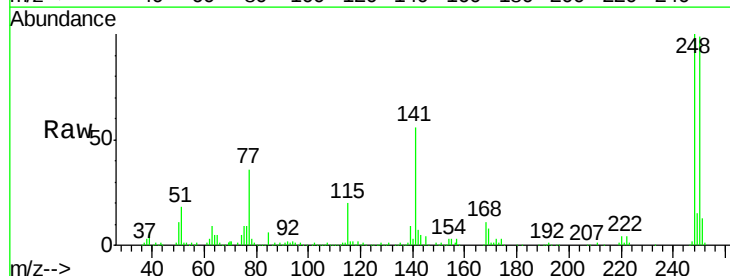
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

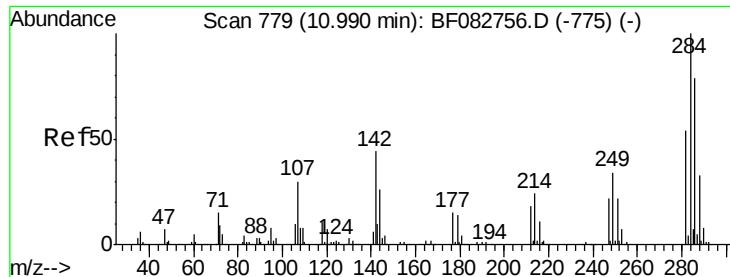
Tgt Ion:169 Resp: 720532
Ion Ratio Lower Upper
169 100
168 68.0 55.0 82.6
167 37.1 30.5 45.7



#66
4-Bromophenyl-phenylether
Concen: 23.86 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:248 Resp: 268922
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.2
141 55.9 36.3 54.5#

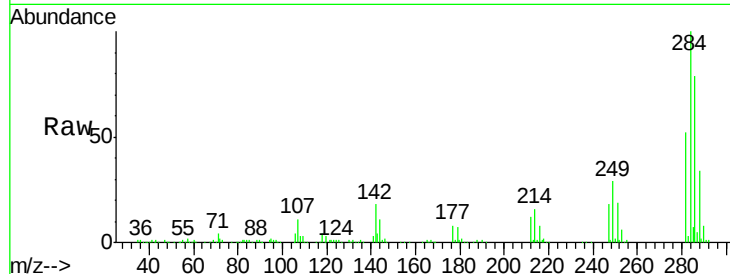




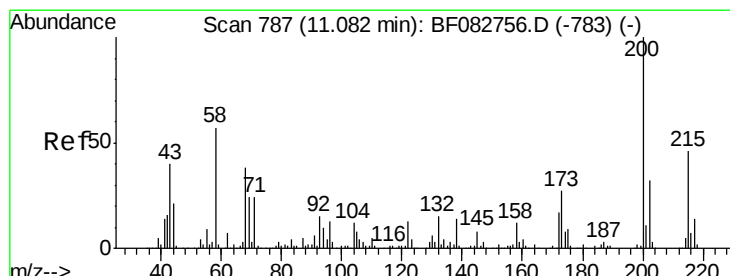
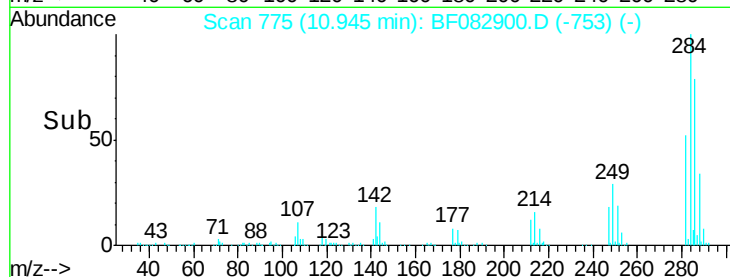
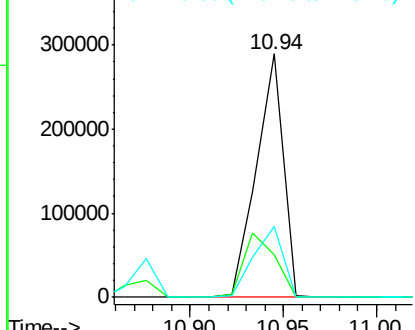
#67
Hexachlorobenzene
Concen: 22.99 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.6	47.9	71.9#
249	29.0	29.7	44.5#

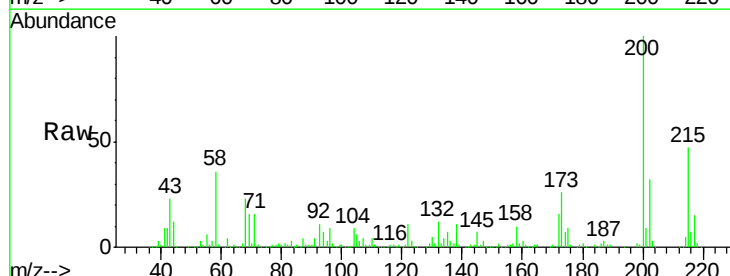


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

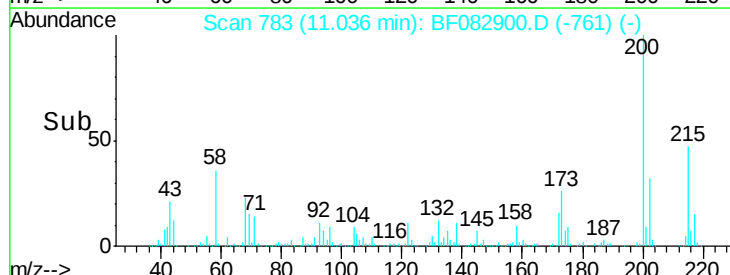
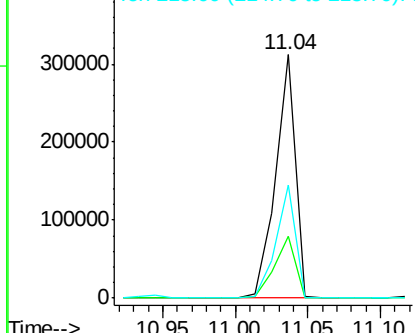


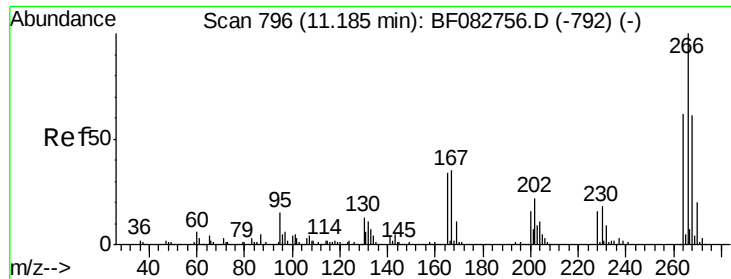
#68
Atrazine
Concen: 28.21 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.9	46.9
215	46.7	22.9	62.9



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

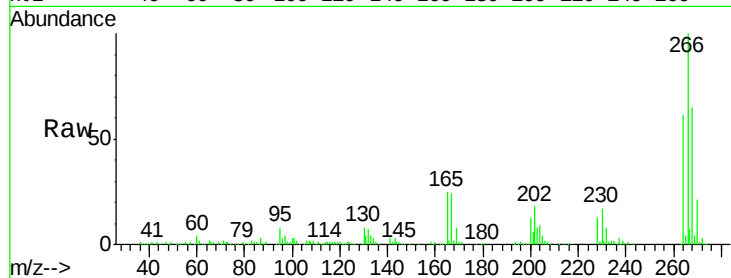




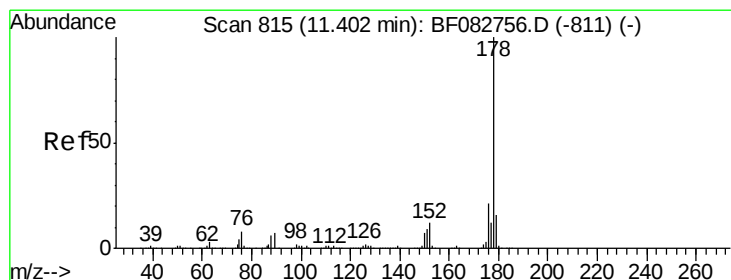
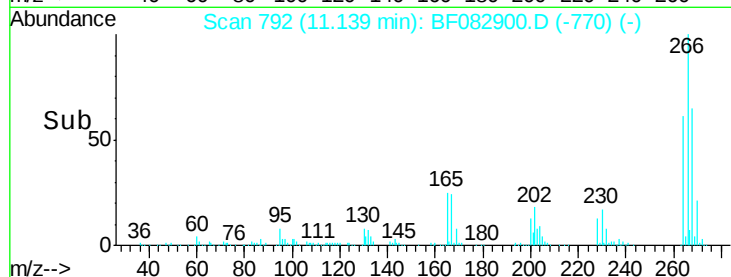
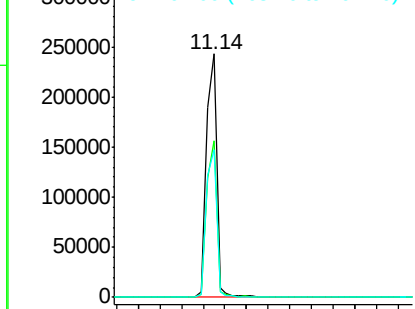
#69
 Pentachlorophenol
 Concen: 41.65 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion: 266 Resp: 318236
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.0 76.6
 264 60.6 50.6 75.8

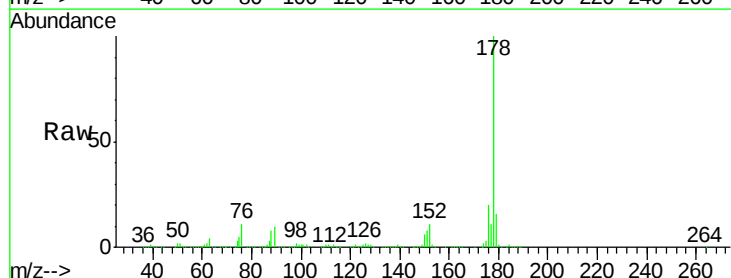


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

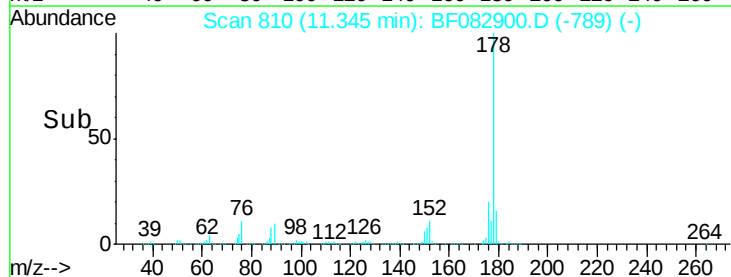
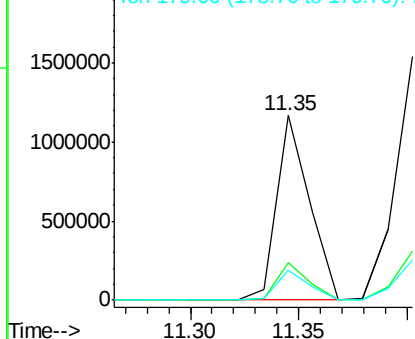


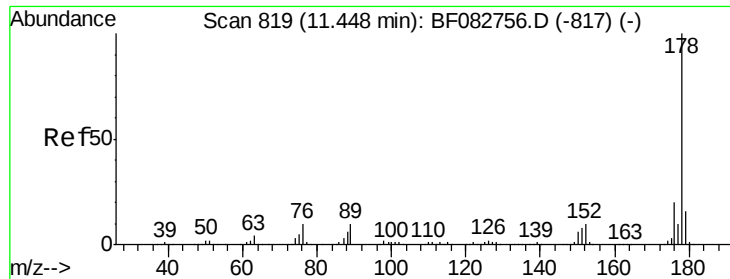
#70
 Phenanthrene
 Concen: 22.58 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion: 178 Resp: 1227243
 Ion Ratio Lower Upper
 178 100
 176 20.1 17.0 25.4
 179 16.3 13.4 20.0



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

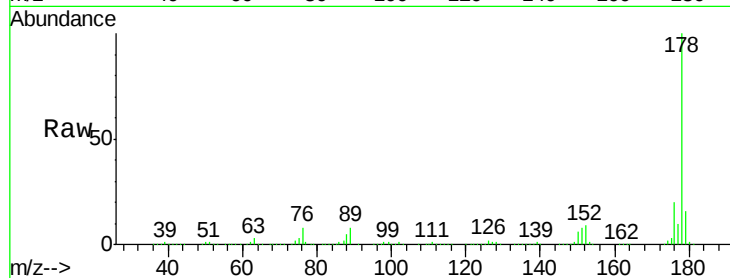




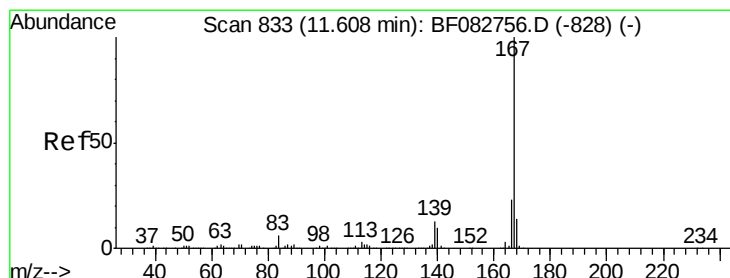
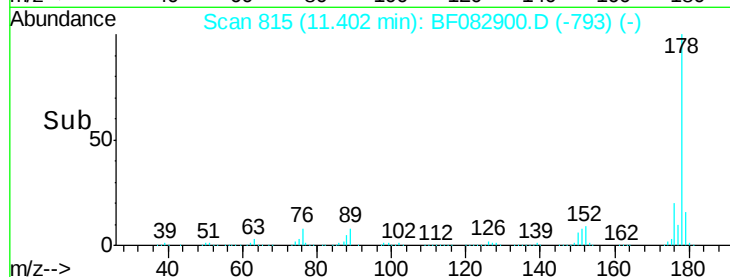
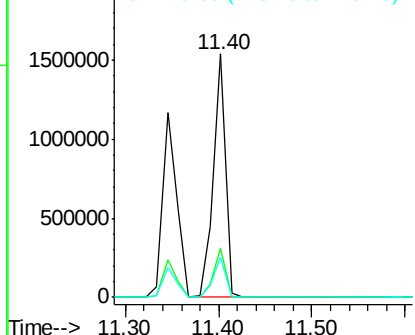
#71
 Anthracene
 Concen: 24.39 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion:178 Resp: 1396341
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.5 24.7
 179 16.5 13.2 19.8

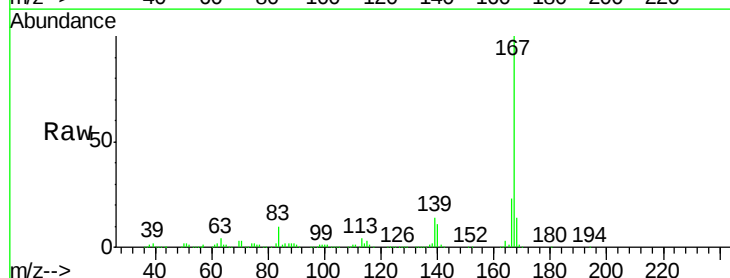


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

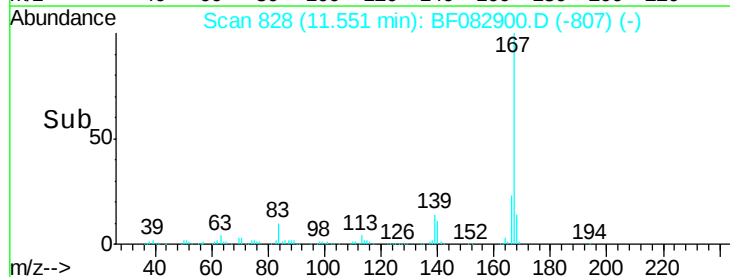
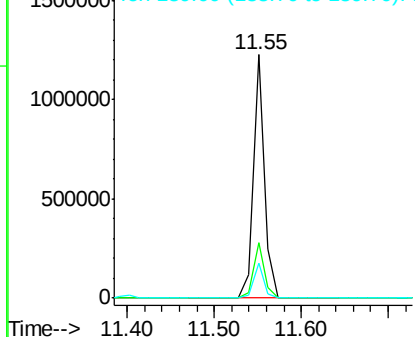


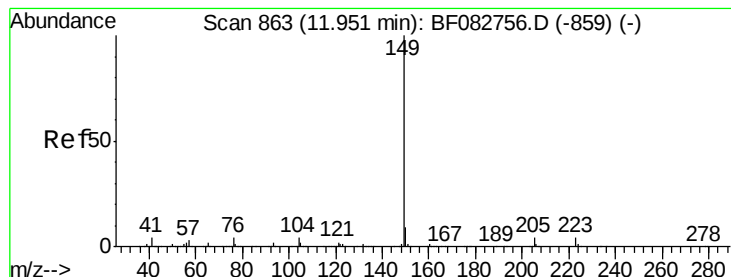
#72
 Carbazole
 Concen: 22.01 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:167 Resp: 1102799
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 14.5 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 22.65 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

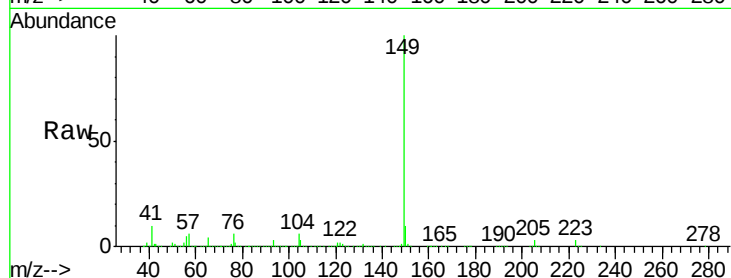
Tgt Ion:149 Resp: 1414041

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

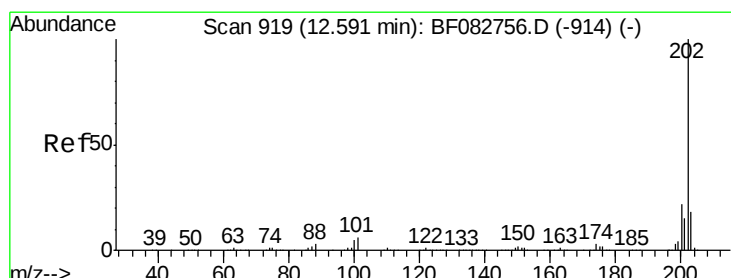
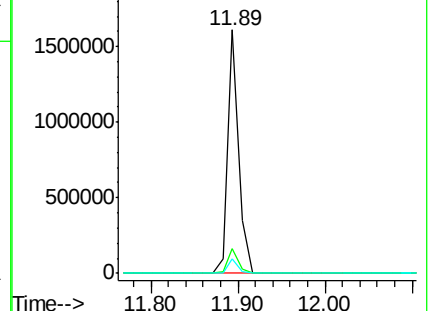
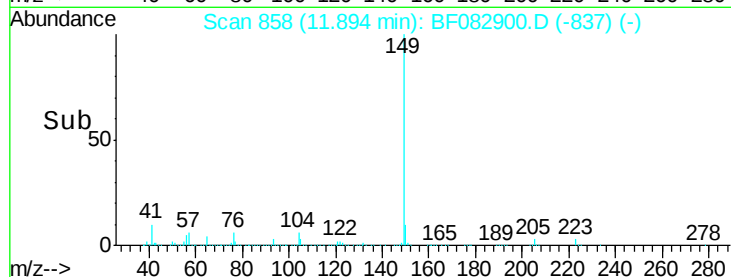
104 5.8 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.42 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

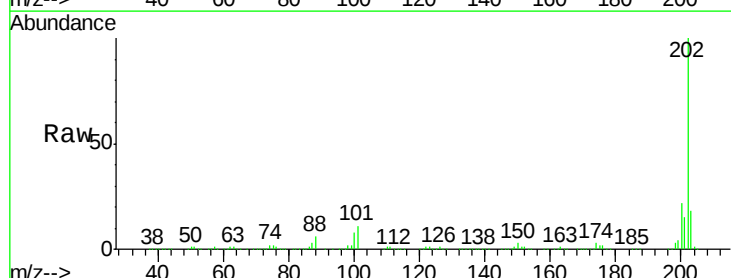
Tgt Ion:202 Resp: 1365547

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.5

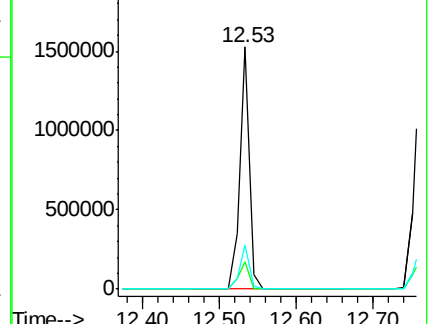
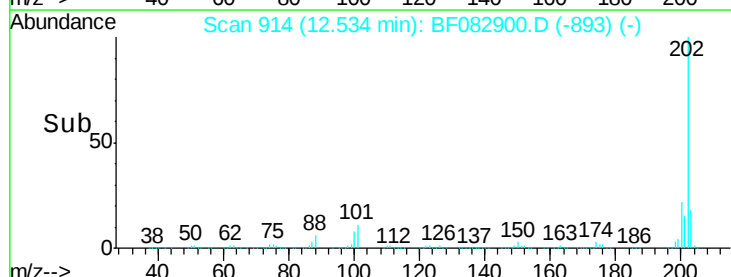
203 18.3 0.0 38.5

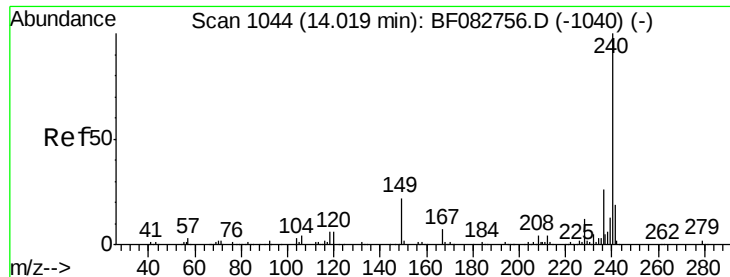


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

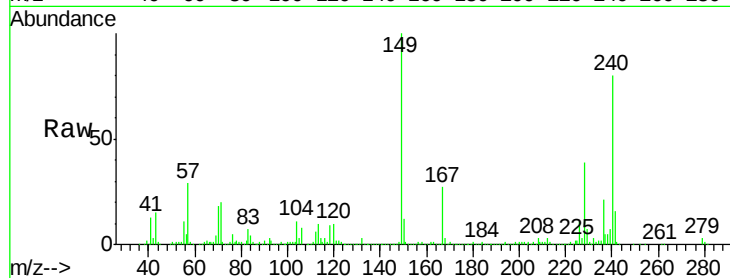
Tgt Ion:240 Resp: 805621

Ion Ratio Lower Upper

240 100

120 12.9 10.9 16.3

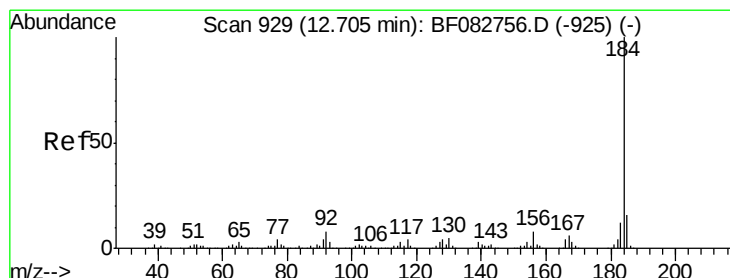
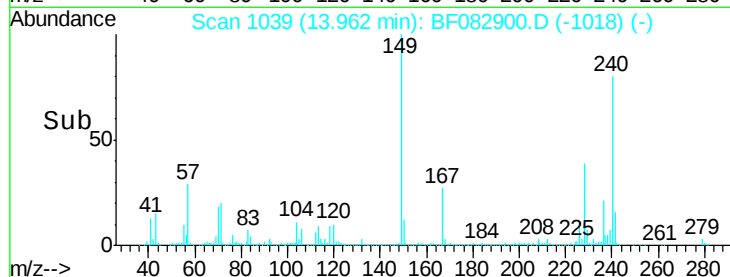
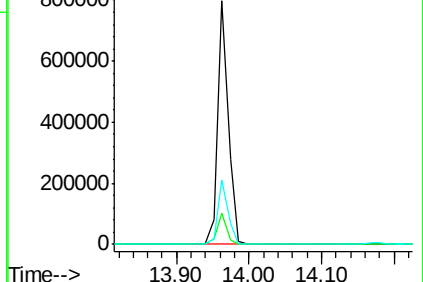
236 26.5 21.6 32.4



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: 19.99 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

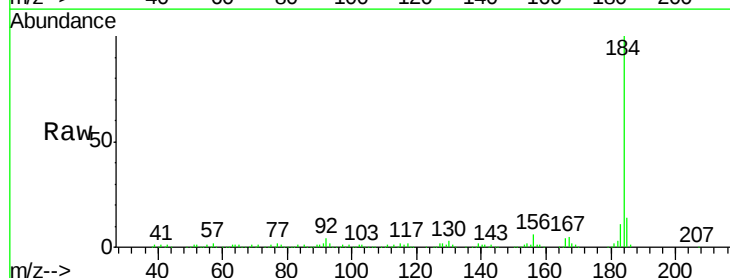
Tgt Ion:184 Resp: 539664

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

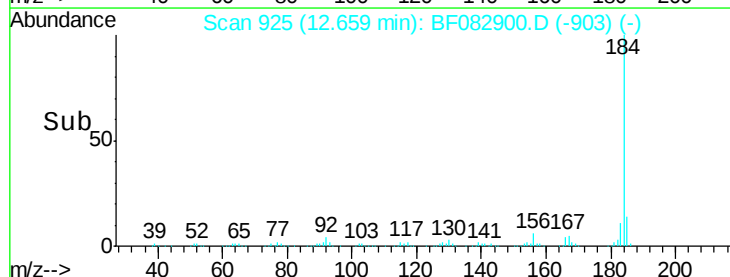
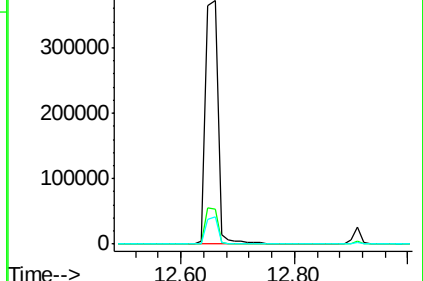
183 11.0 9.6 14.4

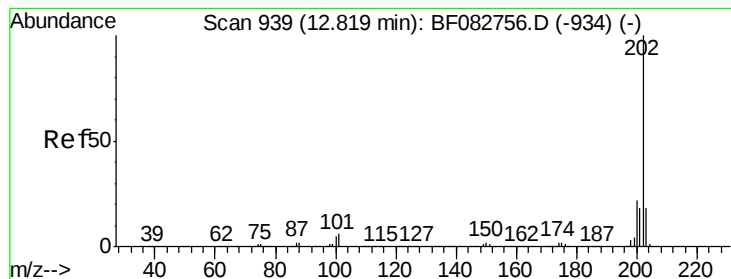


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 26.04 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

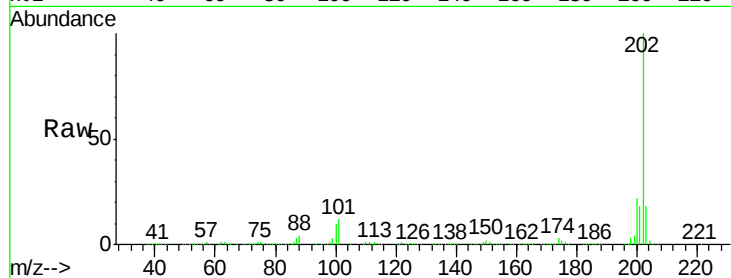
Tgt Ion:202 Resp: 1440859

Ion Ratio Lower Upper

202 100

200 21.9 18.7 28.1

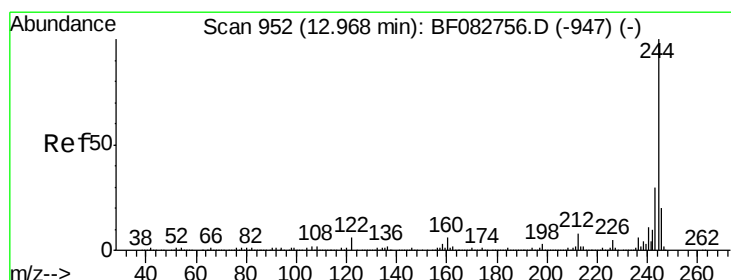
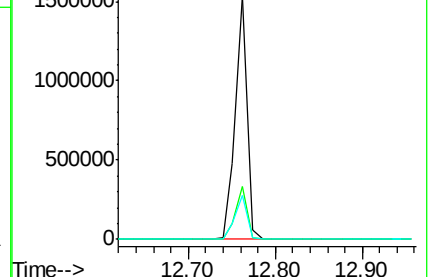
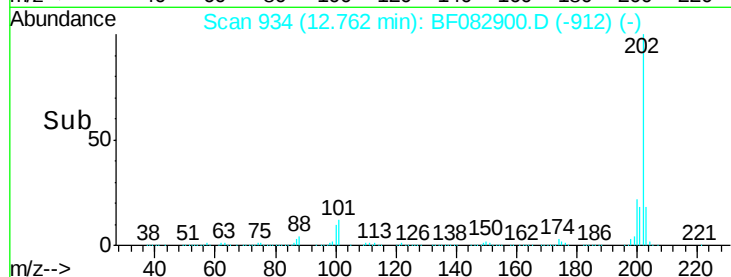
203 18.1 14.8 22.2



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: 46.00 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

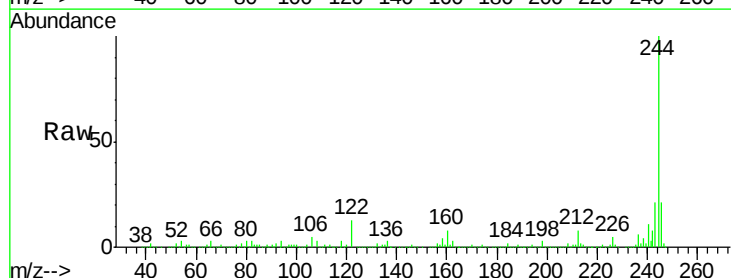
Tgt Ion:244 Resp: 1562363

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

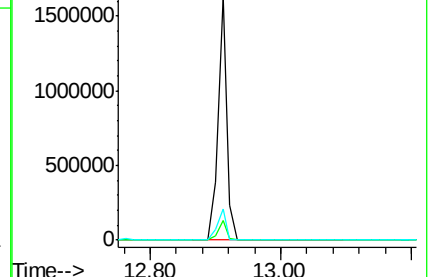
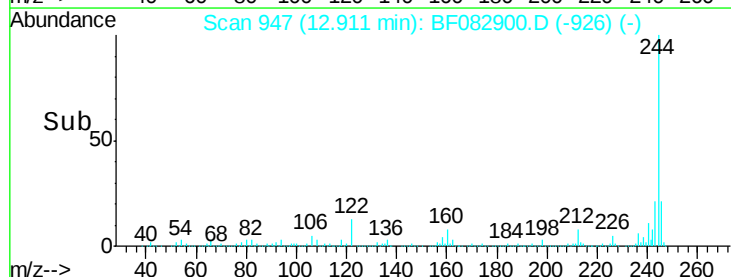
122 12.6 11.3 16.9

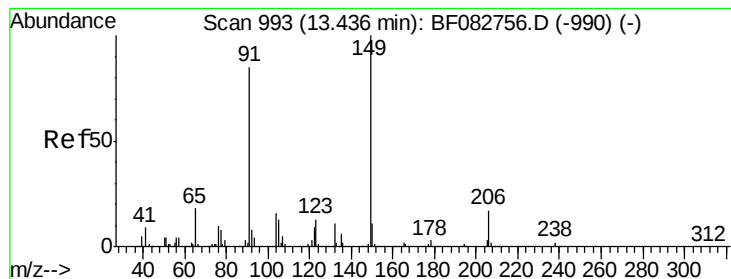


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 27.43 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

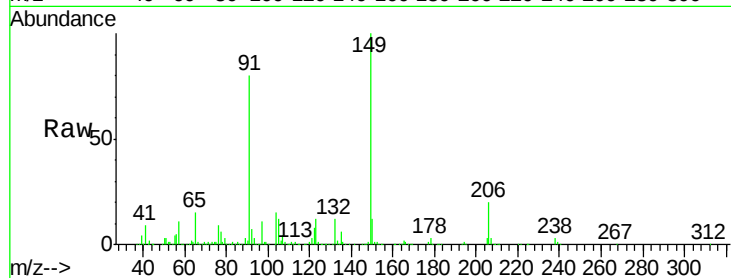
Tgt Ion:149 Resp: 670447

Ion Ratio Lower Upper

149 100

91 80.0 67.7 101.5

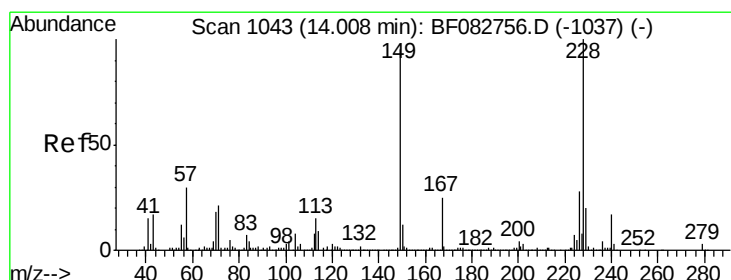
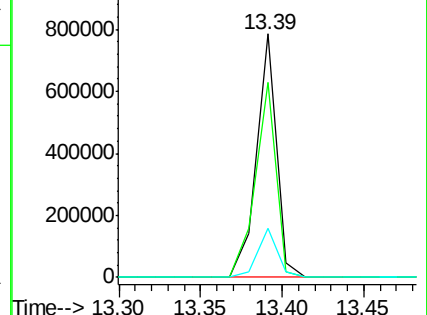
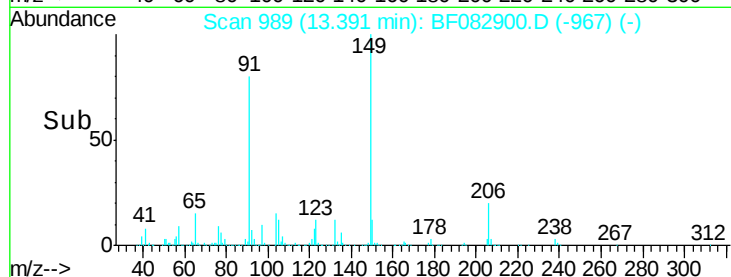
206 20.1 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 24.91 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

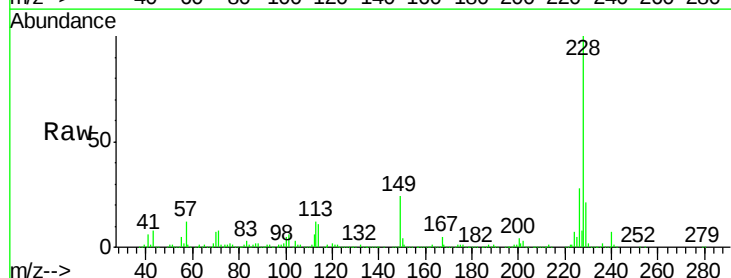
Tgt Ion:228 Resp: 1254909

Ion Ratio Lower Upper

228 100

226 28.4 23.4 35.2

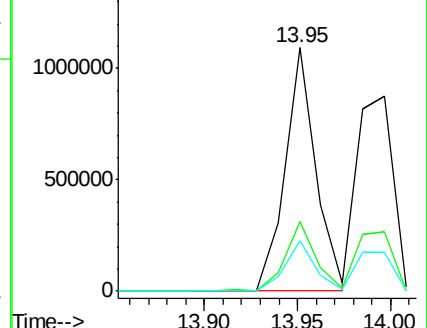
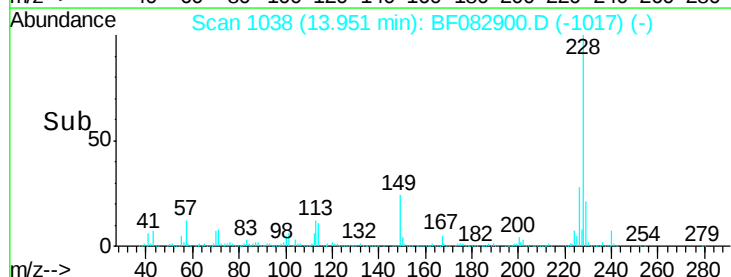
229 20.5 16.3 24.5

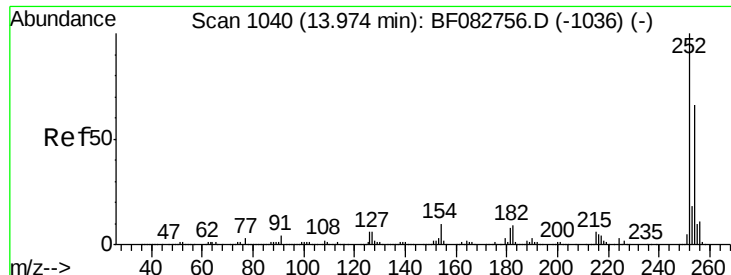


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

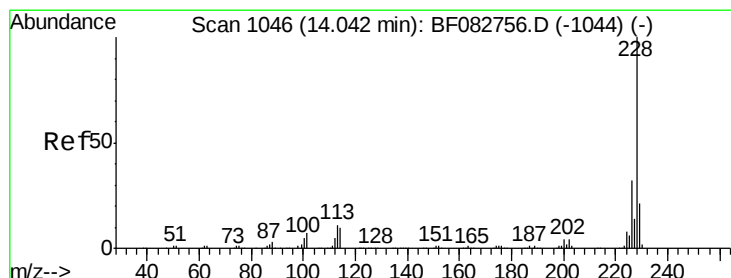
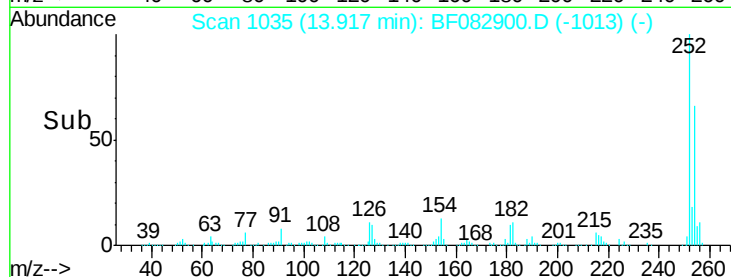
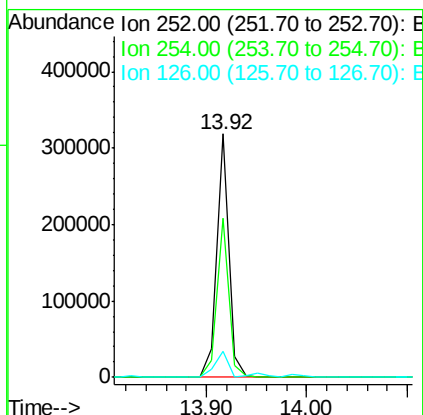
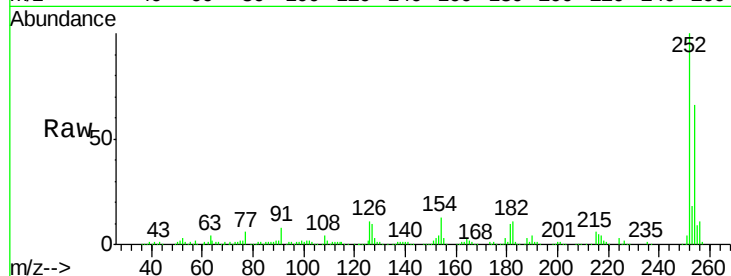




#81
 3,3'-Dichlorobenzidine
 Concen: 14.94 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

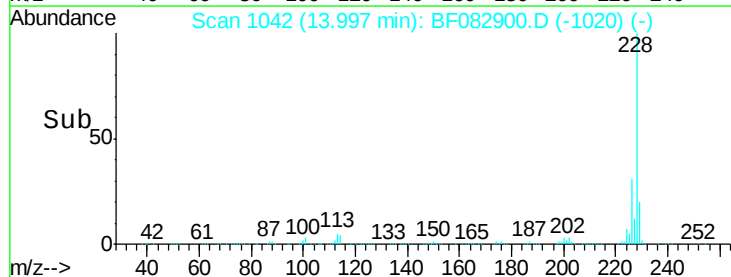
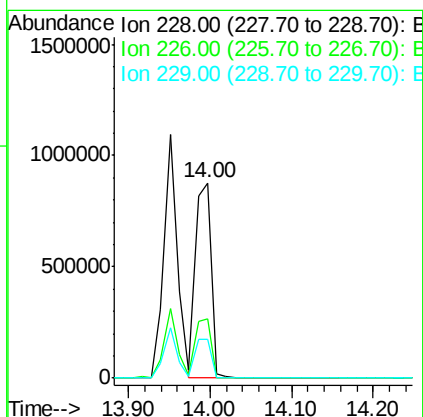
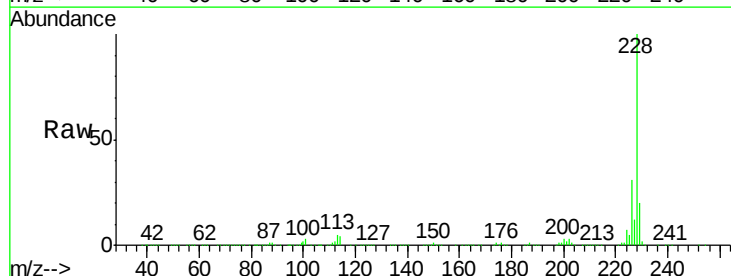
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

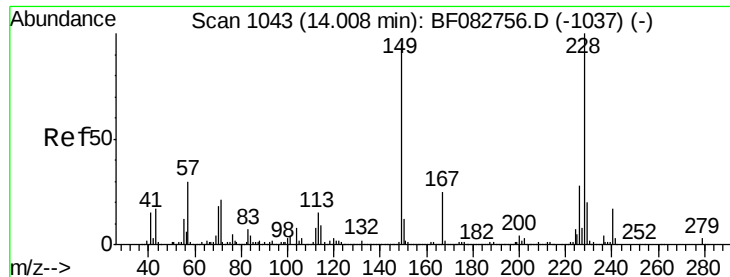
Tgt Ion:252 Resp: 267577
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.4 77.0
 126 10.6 10.7 16.1#



#82
 Chrysene
 Concen: 25.82 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:228 Resp: 1191313
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.5 38.3
 229 19.7 16.3 24.5

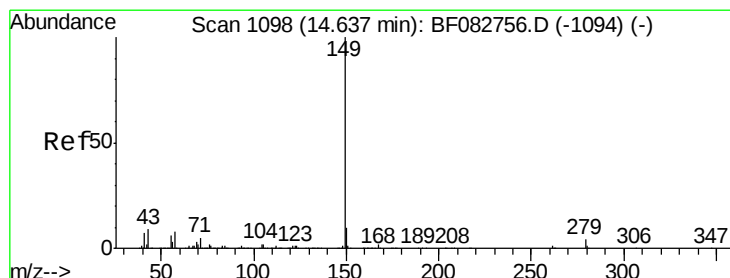
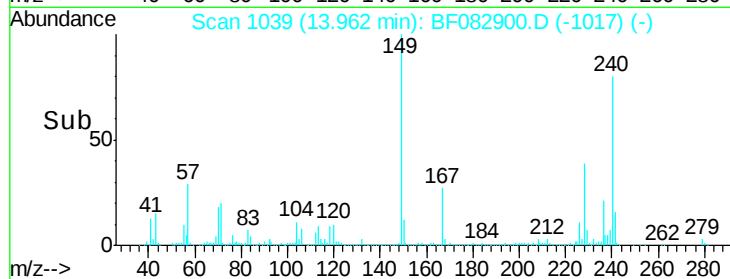
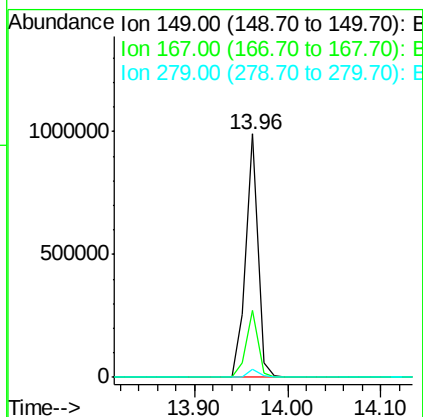
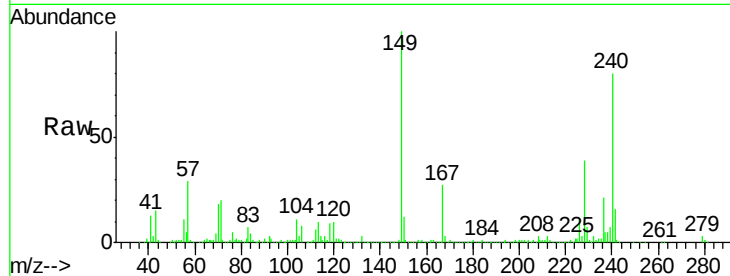




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.08 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

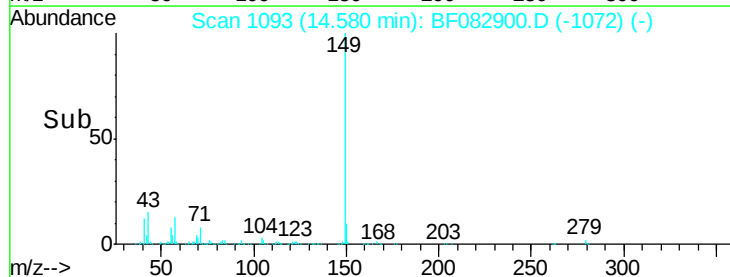
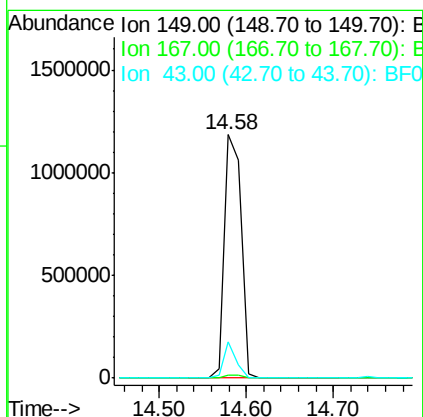
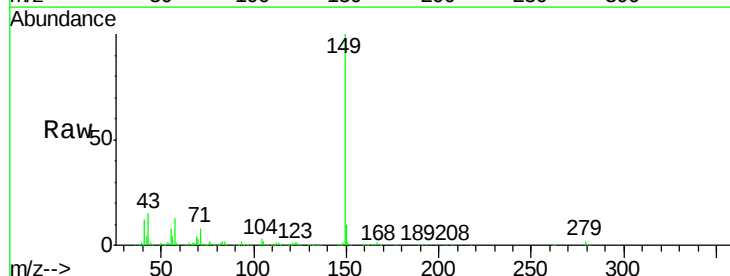
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

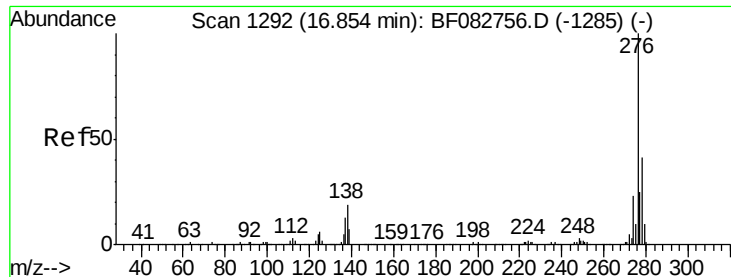
Tgt Ion:149 Resp: 905972
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 3.3 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 28.54 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:149 Resp: 1592852
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 10.1 15.1

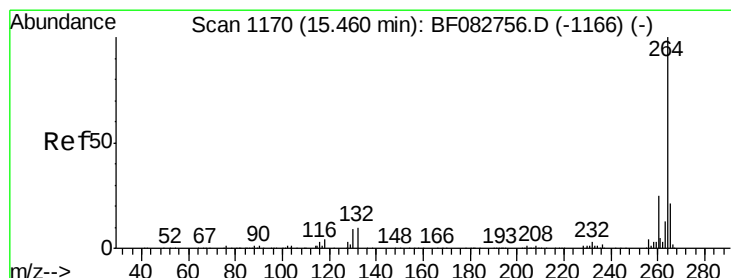
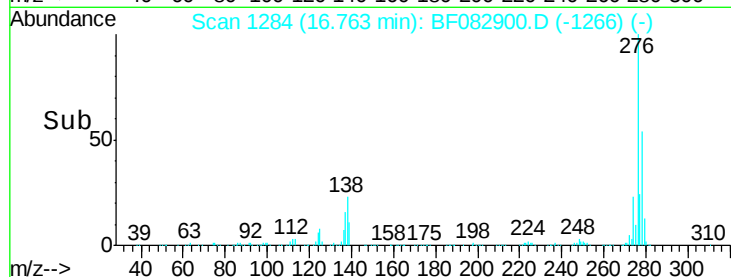
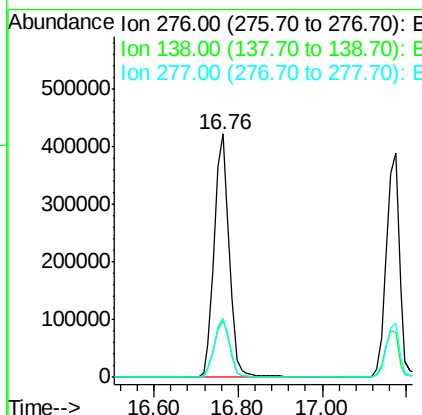
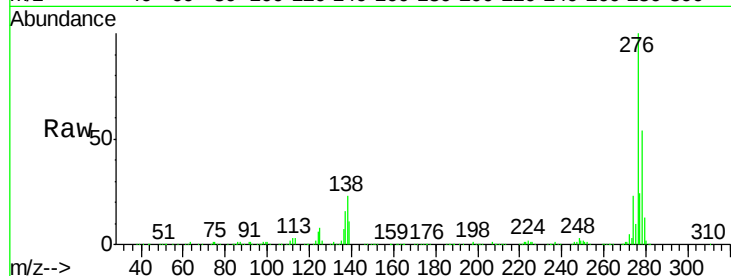




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.68 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.09 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

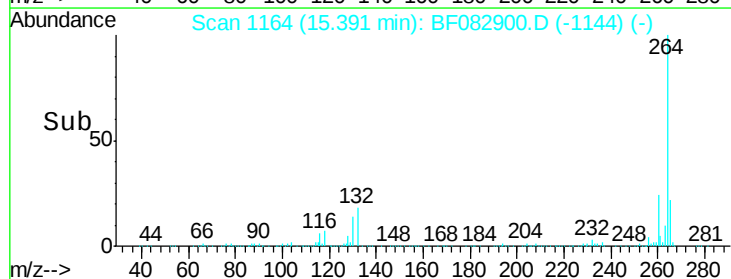
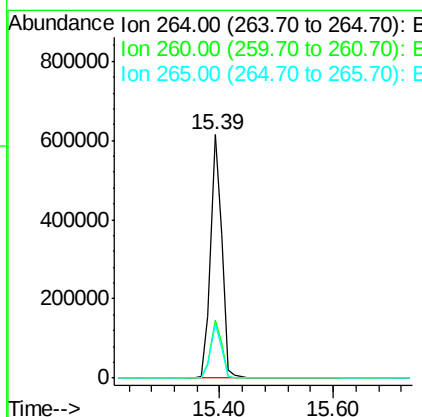
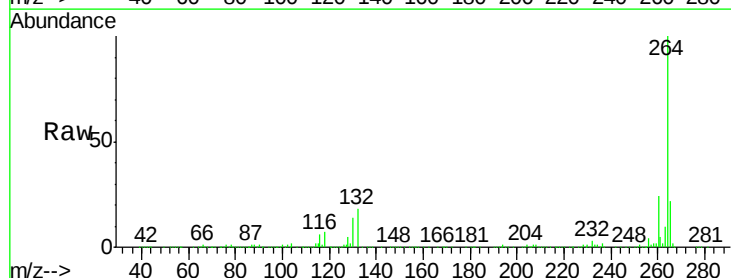
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

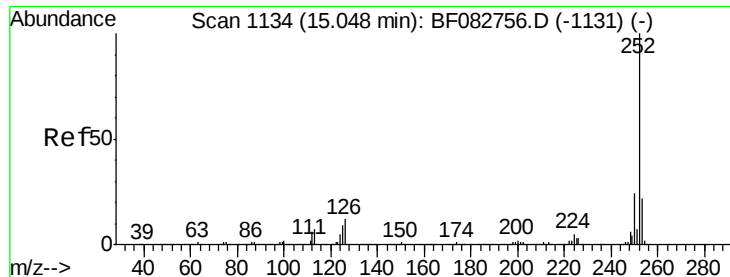
Tgt Ion:276 Resp: 1060096
 Ion Ratio Lower Upper
 276 100
 138 24.4 15.3 22.9#
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:264 Resp: 811152
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 21.37 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

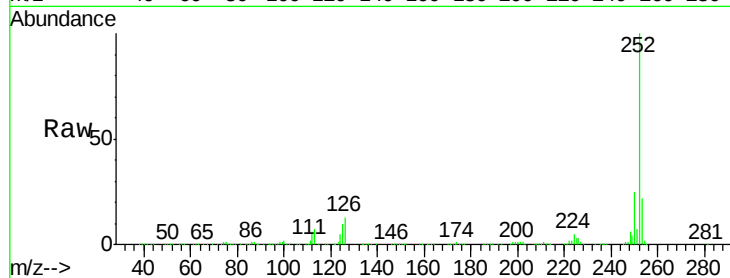
Tgt Ion:252 Resp: 1112446

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

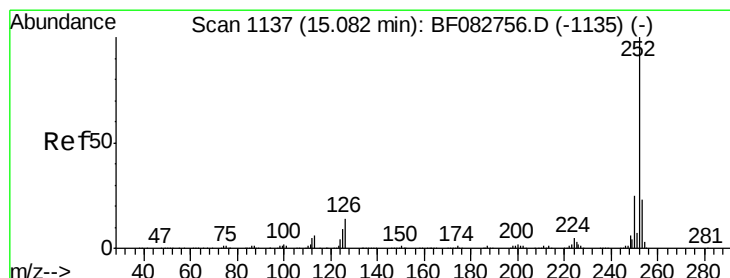
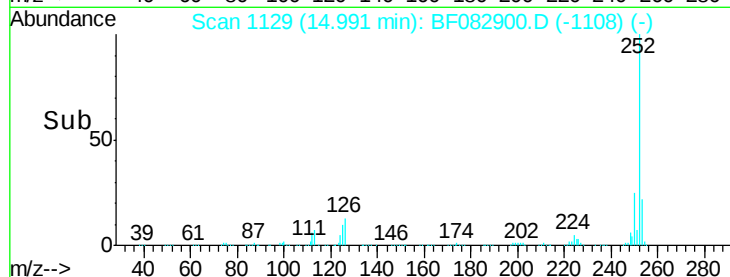
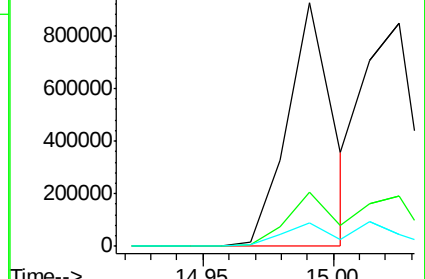
125 9.8 5.4 8.2#



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: 24.09 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.09 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

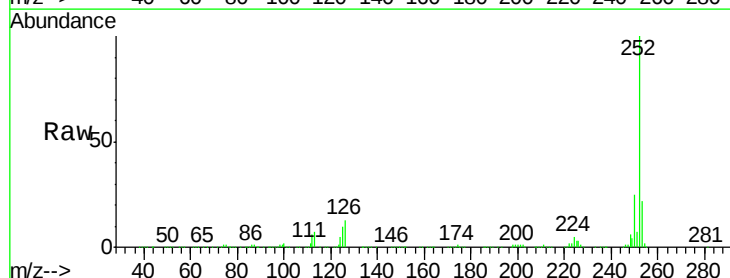
Tgt Ion:252 Resp: 1112446

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

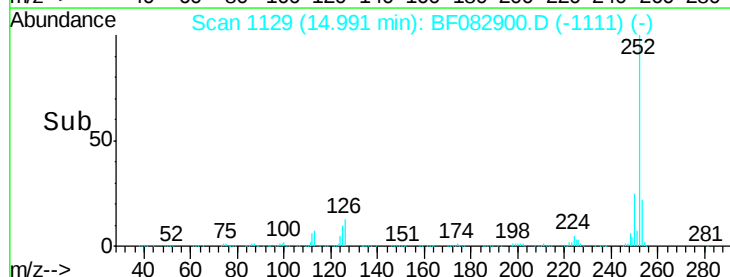
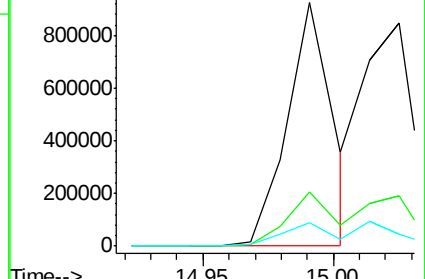
125 9.8 3.5 5.3#

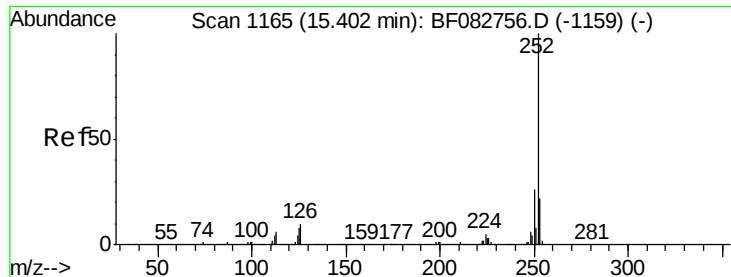


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 23.06 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

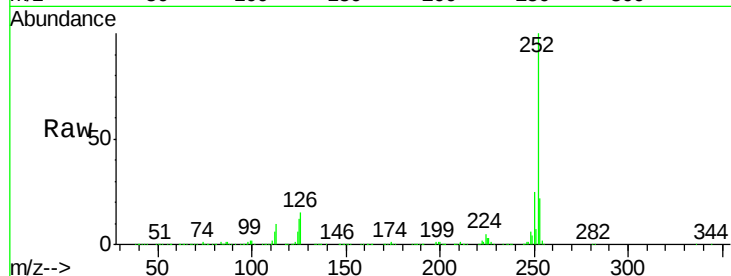
Tgt Ion:252 Resp: 1040440

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

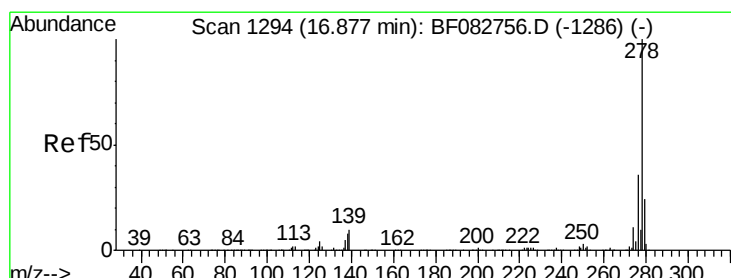
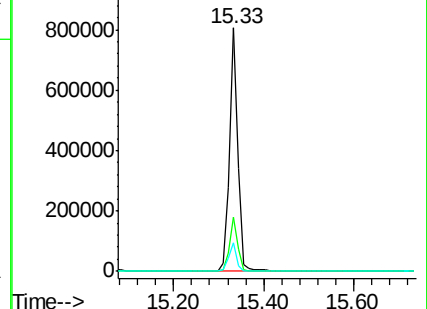
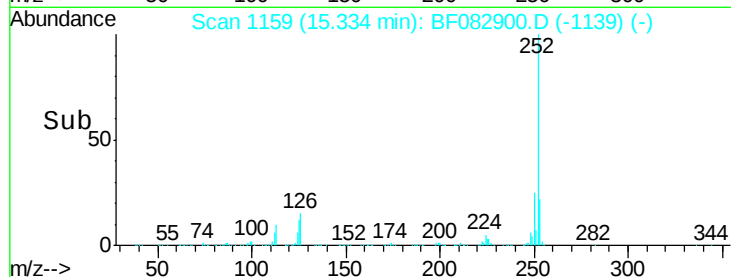
125 11.5 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.77 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

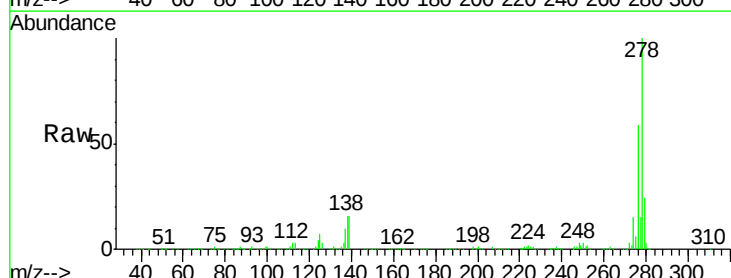
Tgt Ion:278 Resp: 907970

Ion Ratio Lower Upper

278 100

139 16.0 9.9 14.9#

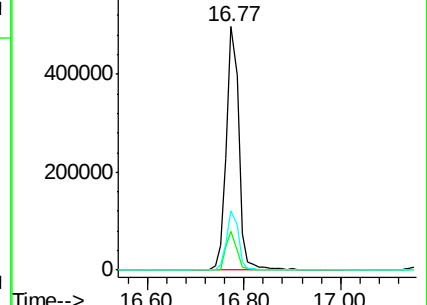
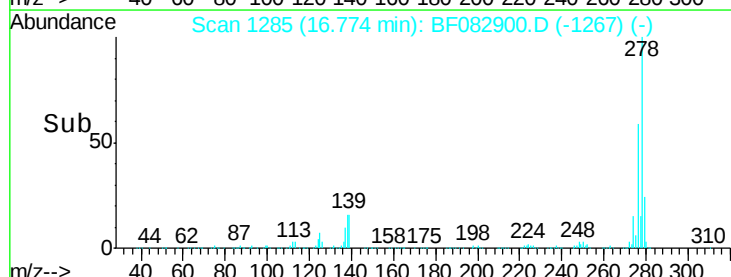
279 24.2 19.6 29.4

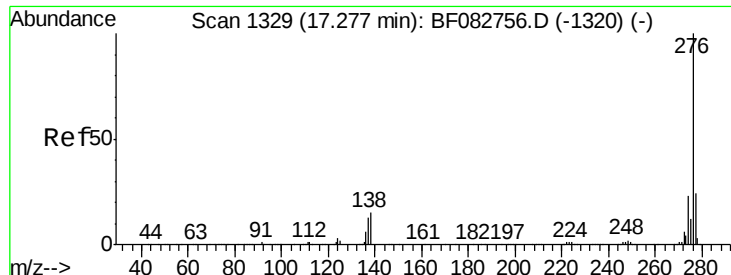


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 23.30 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF082900.D

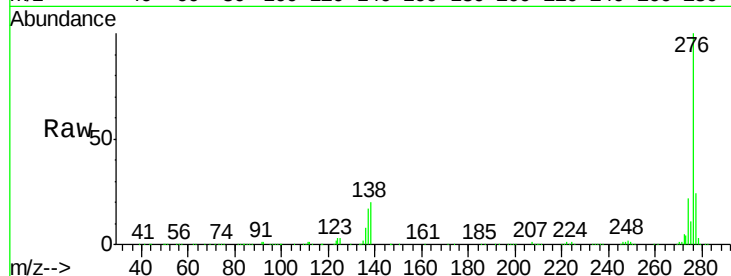
Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD



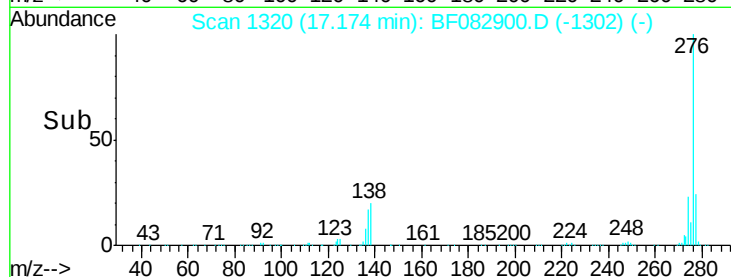
Tgt Ion: 276 Resp: 852581

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 19.8 13.1 19.7#



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

