

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082899.D
 Acq On : 13 Nov 2015 16:04
 Operator : UM/IZ
 Sample : G4376-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 13 22:20:56 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	241691	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	980747	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	517509	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	930791	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	795137	20.00	ng	-0.06
86) Perylene-d12	15.40	264	839632	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1075632	69.25	ng	-0.05
7) Phenol-d6	6.44	99	1603486	77.65	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1072011	47.56	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	398825	67.21	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1620128	44.87	ng	-0.05
78) Terphenyl-d14	12.91	244	1537432	45.86	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	163222	24.35	ng	97
3) Pyridine	3.10	79	417397	21.46	ng	90
4) n-Nitrosodimethylamine	3.04	42	204455	21.20	ng	# 70
6) Aniline	6.45	93	425869	14.69	ng	# 1
8) 2-Chlorophenol	6.58	128	405331	23.54	ng	# 75
9) Benzaldehyde	6.34	77	32794	2.87	ng	83
10) Phenol	6.45	94	675131	28.81	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	418422	23.88	ng	92
12) 1,3-Dichlorobenzene	6.74	146	460957	23.73	ng	# 88
13) 1,4-Dichlorobenzene	6.74	146	460957	22.81	ng	96
14) 1,2-Dichlorobenzene	6.97	146	420112	22.86	ng	96
15) Benzyl Alcohol	6.94	79	443113	24.43	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	682971	26.57	ng	99
17) 2-Methylphenol	7.06	107	349796	23.98	ng	96
18) Hexachloroethane	7.31	117	161488	22.35	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	345411	22.75	ng	87
20) 3+4-Methylphenols	7.22	107	456016	24.05	ng	# 72
22) Acetophenone	7.21	105	599224	21.32	ng	# 95
24) Nitrobenzene	7.38	77	465078	20.18	ng	91
25) Isophorone	7.63	82	912833	21.89	ng	# 92
26) 2-Nitrophenol	7.70	139	207281	21.54	ng	# 77
27) 2,4-Dimethylphenol	7.74	122	377871	21.86	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	538470	22.89	ng	# 98
29) 2,4-Dichlorophenol	7.95	162	389158	24.91	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	391086	22.26	ng	97
31) Naphthalene	8.11	128	1248861	23.08	ng	99
32) Benzoic acid	7.82	122	75143	6.35	ng	# 81
33) 4-Chloroaniline	8.16	127	240517	10.31	ng	# 87
34) Hexachlorobutadiene	8.24	225	231699	21.07	ng	98
35) Caprolactam	8.51	113	117395	23.83	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	408456	22.23	ng	91
37) 2-Methylnaphthalene	8.80	142	778736	22.25	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	334066	19.64	ng	98
40) Hexachlorocyclopentadiene	8.97	237	413091	45.21	ng	99

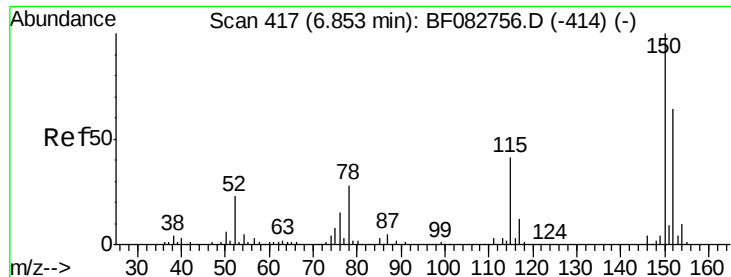
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	274491	21.62	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	292756	23.32	ng #	84
45) 1,1'-Biphenyl	9.26	154	926999	20.88	ng	95
46) 2-Chloronaphthalene	9.29	162	739321	21.34	ng	97
47) 2-Nitroaniline	9.38	65	258117	20.09	ng	89
48) Acenaphthylene	9.70	152	1185443	21.84	ng	98
49) Dimethylphthalate	9.57	163	1332202	31.42	ng	99
50) 2,6-Dinitrotoluene	9.63	165	224412	24.81	ng #	73
51) Acenaphthene	9.88	154	793877	23.07	ng	98
52) 3-Nitroaniline	9.79	138	150647	15.14	ng #	82
53) 2,4-Dinitrophenol	9.89	184	151777	30.56	ng #	31
54) Dibenzofuran	10.05	168	1089677	23.49	ng #	84
55) 4-Nitrophenol	9.96	139	302711	39.66	ng	81
56) 2,4-Dinitrotoluene	10.03	165	294668	24.01	ng	85
57) Fluorene	10.38	166	835701	22.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	230983	22.54	ng #	92
59) Diethylphthalate	10.27	149	901989	21.79	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	406426	21.62	ng	92
61) 4-Nitroaniline	10.41	138	234747	23.46	ng #	72
62) Azobenzene	10.54	77	1108204	24.92	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	151374	22.83	ng	79
65) n-Nitrosodiphenylamine	10.50	169	710686	21.13	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	261119	23.30	ng #	92
67) Hexachlorobenzene	10.94	284	283834	22.68	ng #	62
68) Atrazine	11.04	200	286606	27.56	ng	96
69) Pentachlorophenol	11.14	266	321771	42.34	ng	98
70) Phenanthrene	11.35	178	1193685	22.08	ng	98
71) Anthracene	11.40	178	1362749	23.93	ng	98
72) Carbazole	11.55	167	1100009	22.07	ng	97
73) Di-n-butylphthalate	11.89	149	1374828	22.14	ng	98
74) Fluoranthene	12.53	202	1334547	23.01	ng	99
76) Benzidine	12.66	184	611066	22.93	ng	98
77) Pyrene	12.76	202	1395764	25.56	ng	98
79) Butylbenzylphthalate	13.39	149	650773	26.98	ng	97
80) Benzo(a)anthracene	13.95	228	1250918	25.16	ng	98
81) 3,3'-Dichlorobenzidine	13.92	252	269102	15.22	ng	99
82) Chrysene	14.00	228	1208657	26.54	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	916466	27.76	ng	100
84) Di-n-octyl phthalate	14.59	149	1642274	29.82	ng	97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1077400	27.47	ng #	95
87) Benzo(b)fluoranthene	15.03	252	2227551	41.33	ng #	98
88) Benzo(k)fluoranthene	15.03	252	2227551	46.59	ng #	97
89) Benzo(a)pyrene	15.35	252	1091361	23.37	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	904540	22.88	ng	98
91) Benzo(g,h,i)perylene	17.17	276	876181	23.14	ng #	94

(#) = 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: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

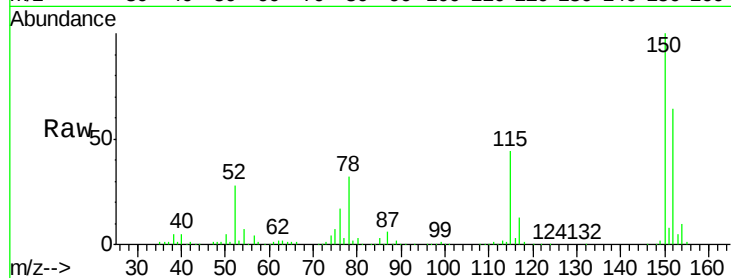
Tgt Ion:152 Resp: 241691

Ion Ratio Lower Upper

152 100

150 157.3 127.0 190.4

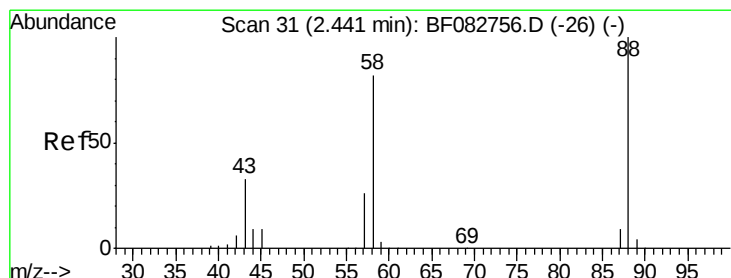
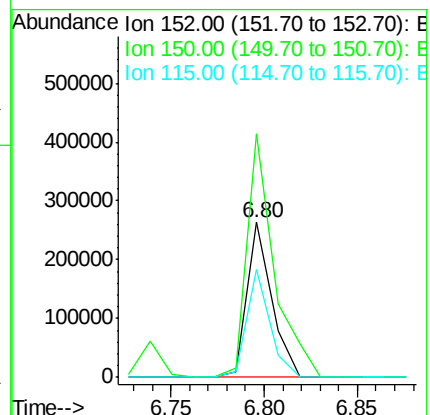
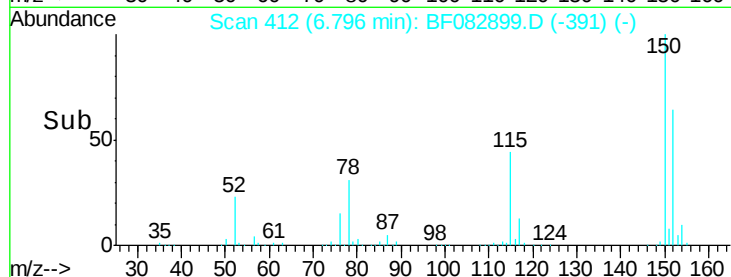
115 69.5 47.0 70.6



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: 24.35 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

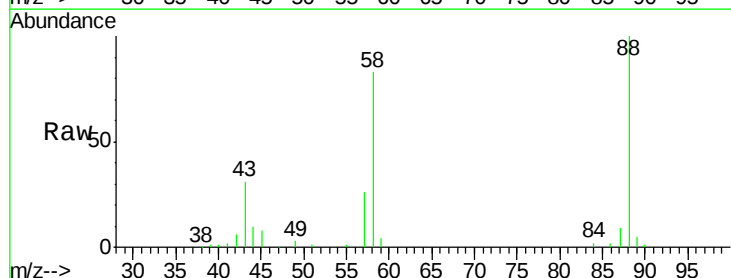
Tgt Ion: 88 Resp: 163222

Ion Ratio Lower Upper

88 100

58 77.8 62.0 93.0

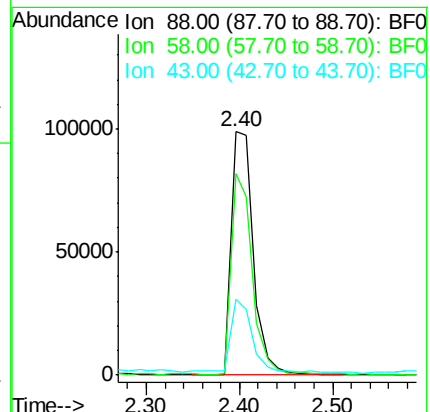
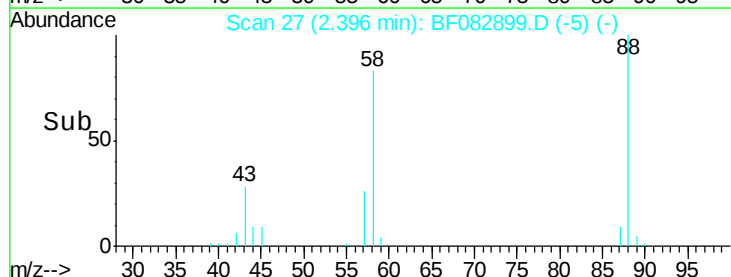
43 28.1 26.6 40.0

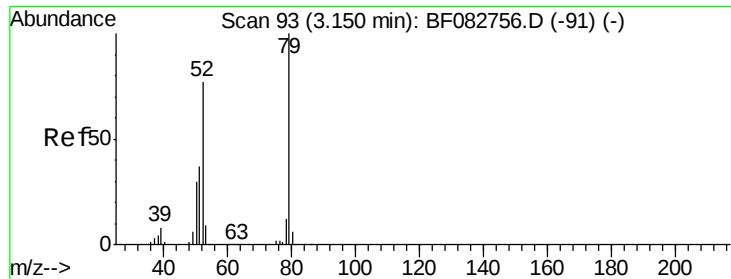


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

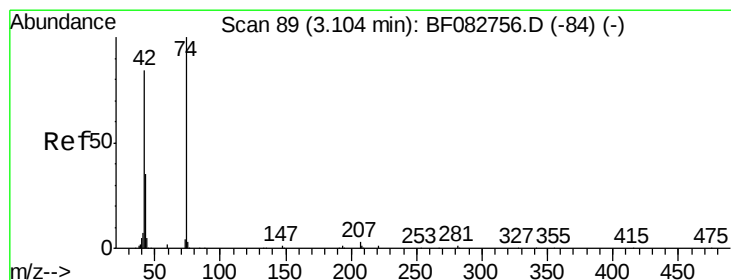
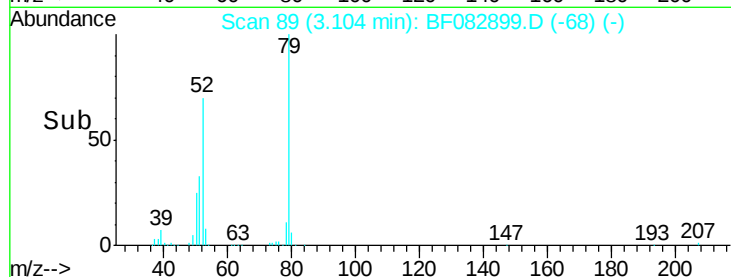
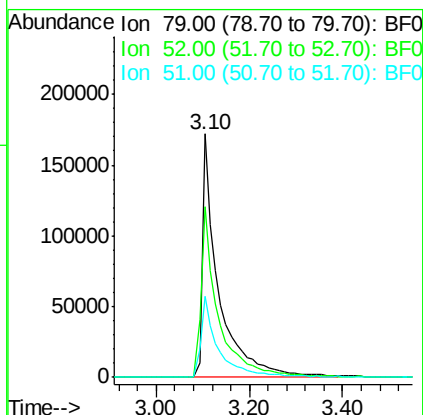
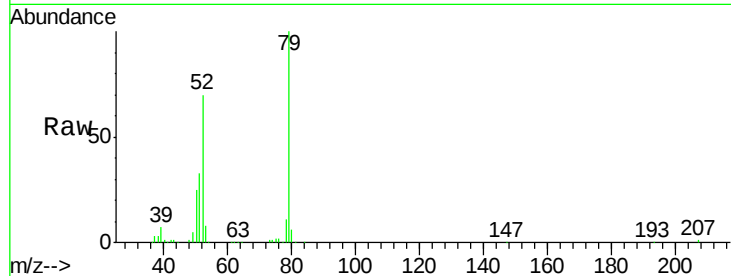




#3
 Pyridine
 Concen: 21.46 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

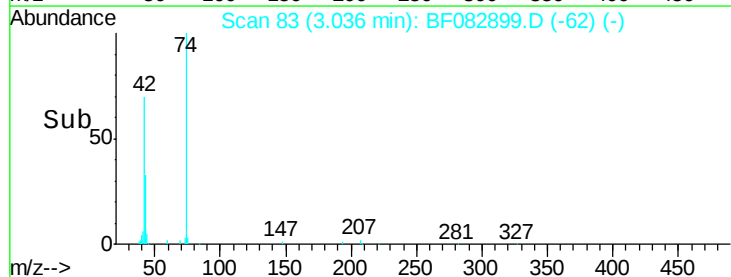
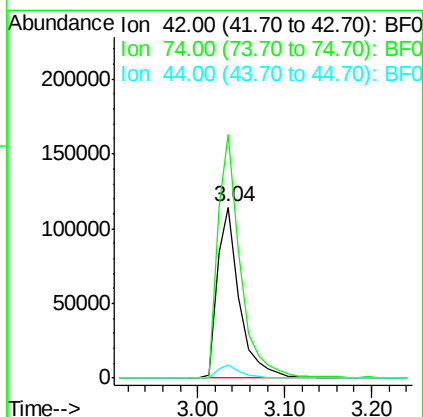
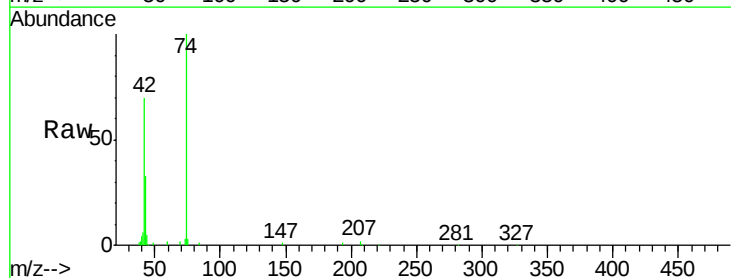
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion: 79 Resp: 417397
 Ion Ratio Lower Upper
 79 100
 52 70.2 62.8 94.2
 51 33.4 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 21.20 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion: 42 Resp: 204455
 Ion Ratio Lower Upper
 42 100
 74 142.3 87.0 130.4#
 44 7.7 5.8 8.8





#5

2-Fluorophenol

Concen: 69.25 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

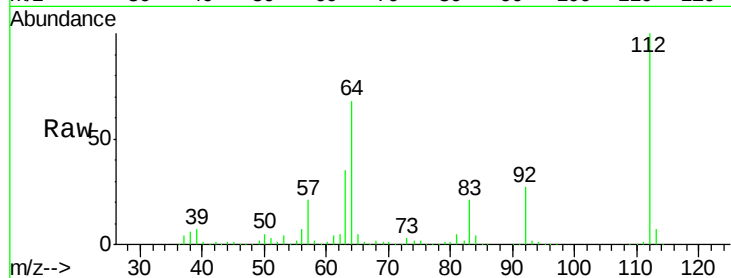
Tgt Ion: 112 Resp: 1075632

Ion Ratio Lower Upper

112 100

64 67.6 48.9 73.3

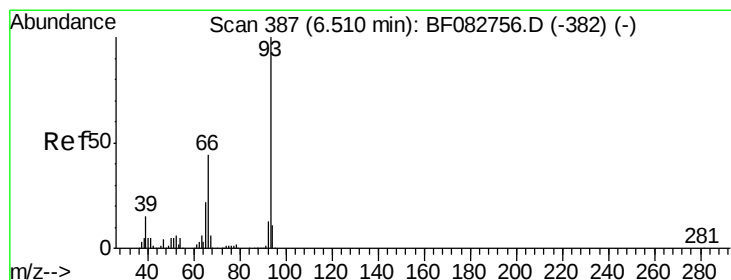
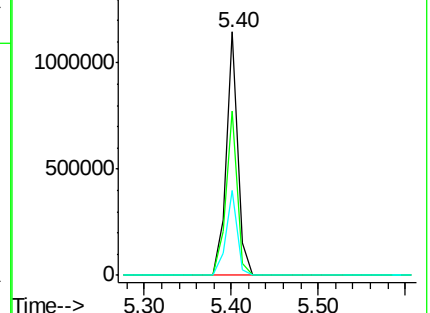
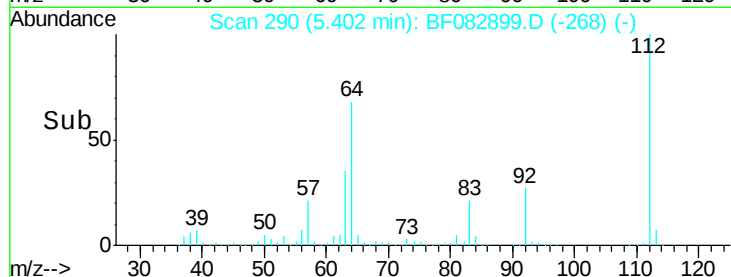
63 34.8 28.1 42.1



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: 14.69 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

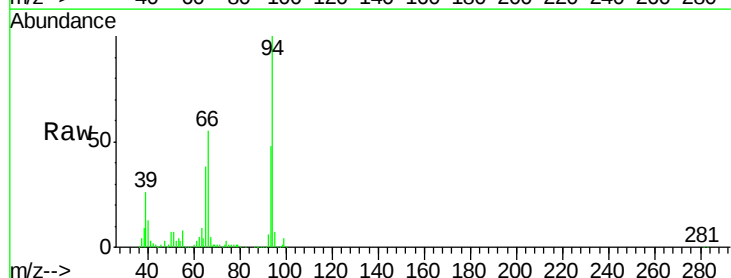
Tgt Ion: 93 Resp: 425869

Ion Ratio Lower Upper

93 100

66 113.6 33.6 50.4#

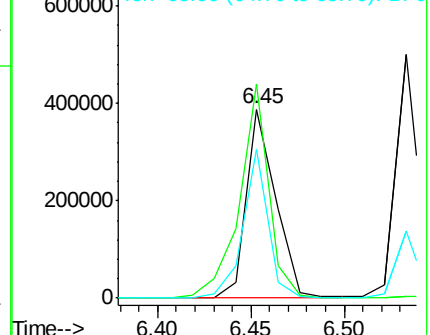
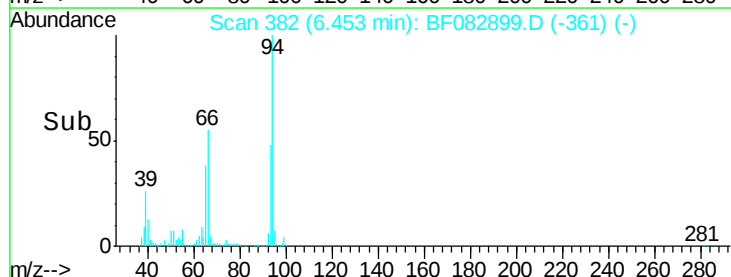
65 79.0 18.1 27.1#



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: 77.65 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

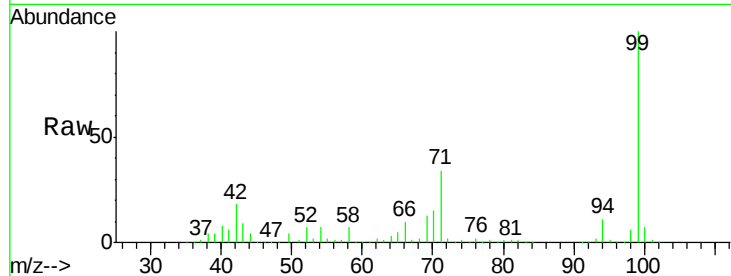
Tgt Ion: 99 Resp: 1603486

Ion Ratio Lower Upper

99 100

42 17.6 19.2 28.8#

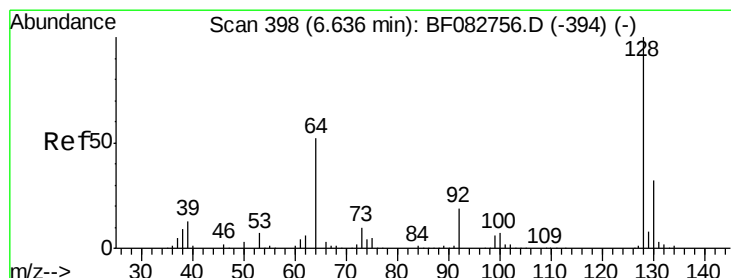
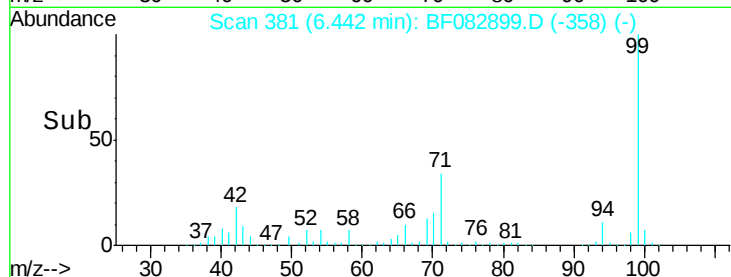
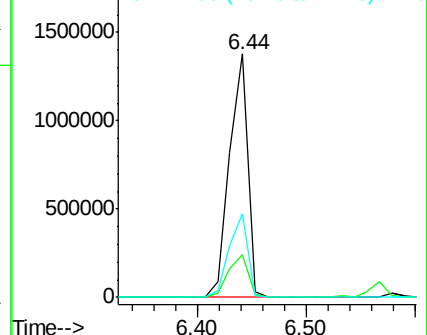
71 34.4 35.0 52.4#



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: 23.54 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

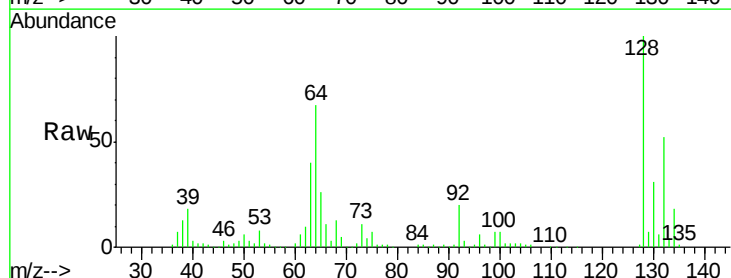
Tgt Ion: 128 Resp: 405331

Ion Ratio Lower Upper

128 100

130 30.6 13.5 53.5

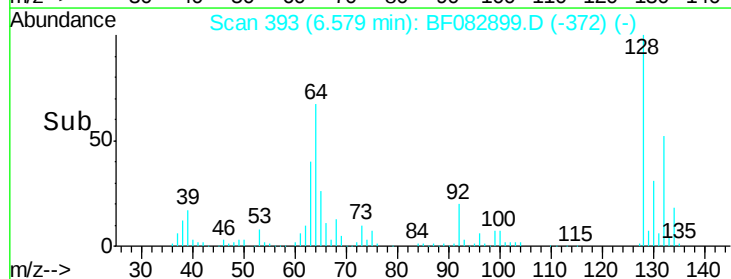
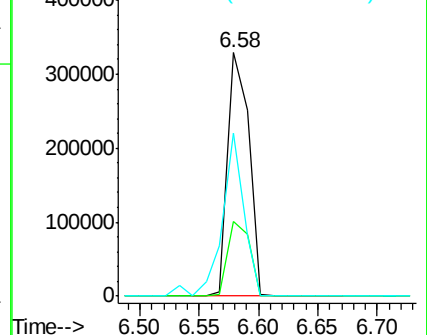
64 66.9 21.1 61.1#

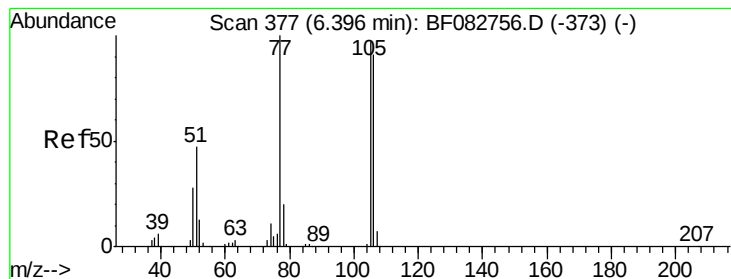


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

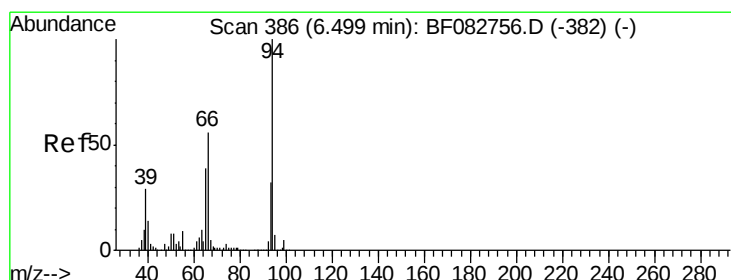
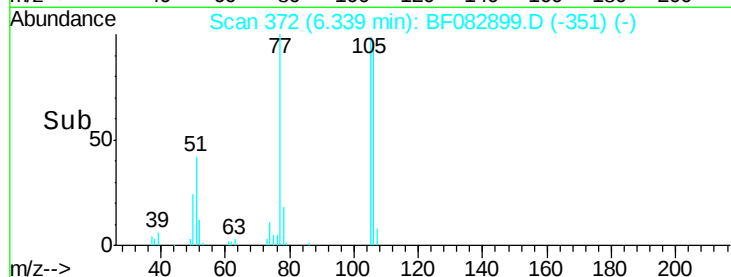
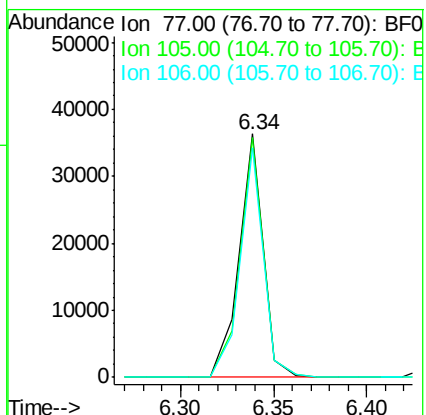
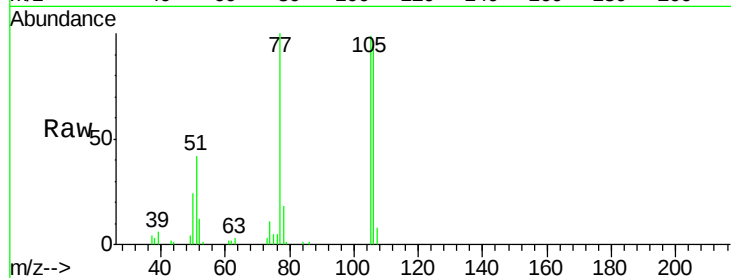
Tgt Ion: 77 Resp: 32794

Ion Ratio Lower Upper

77 100

105 98.7 63.5 103.5

106 94.4 59.3 99.3



#10

Phenol

Concen: 28.81 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

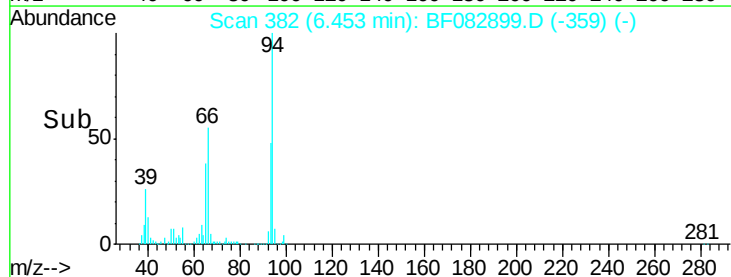
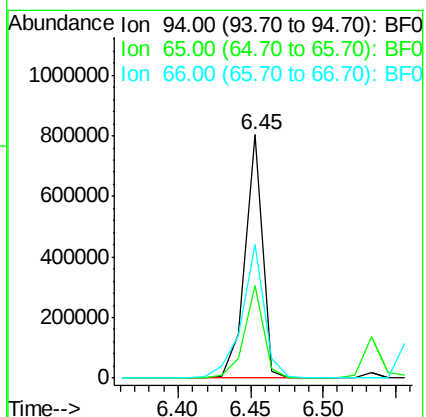
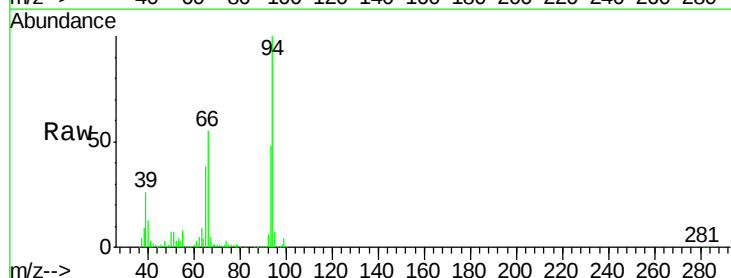
Tgt Ion: 94 Resp: 675131

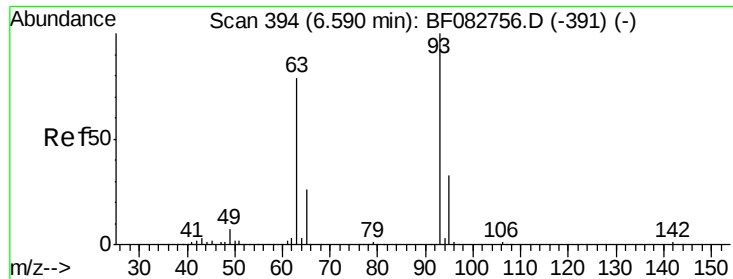
Ion Ratio Lower Upper

94 100

65 38.2 18.9 58.9

66 54.9 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 23.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

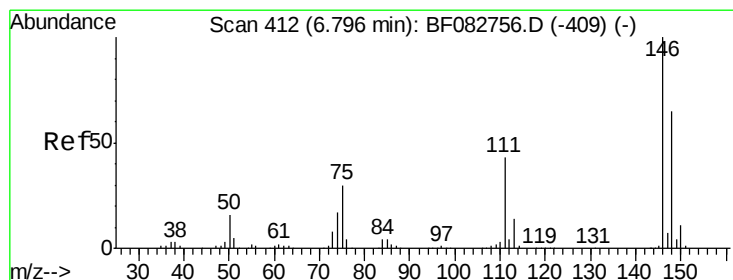
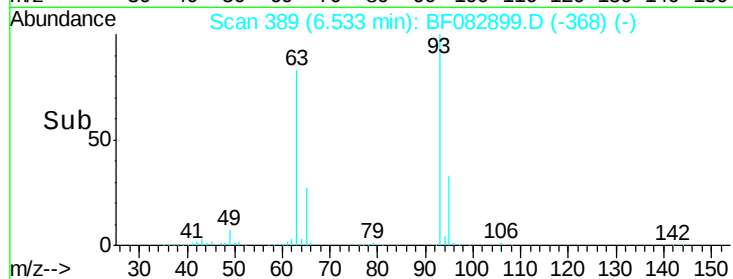
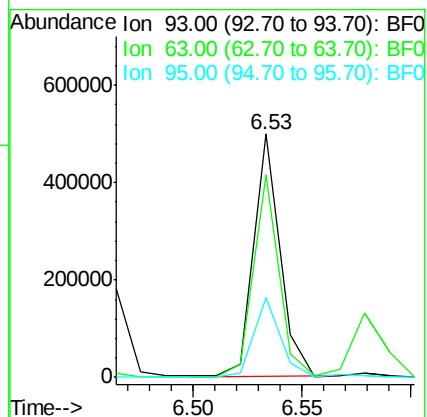
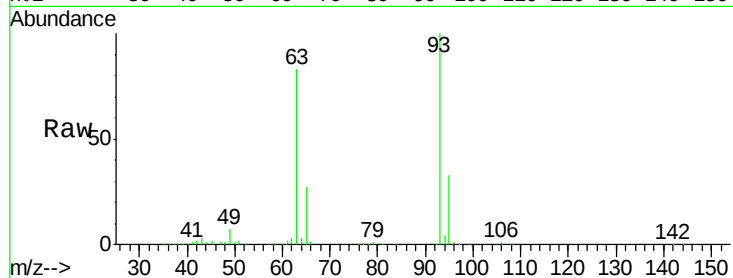
Tgt Ion: 93 Resp: 418422

Ion Ratio Lower Upper

93 100

63 83.4 72.7 112.7

95 32.7 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 23.73 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

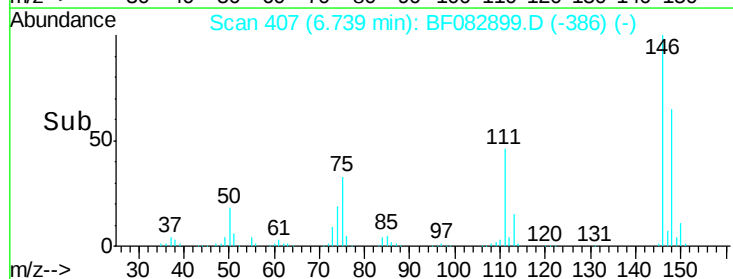
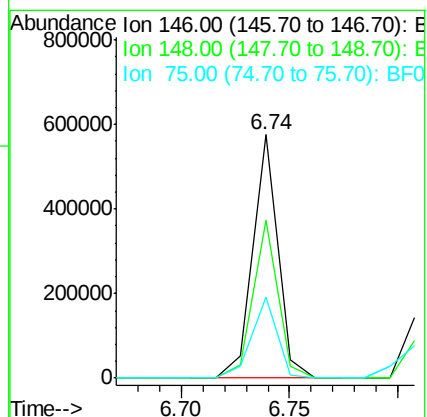
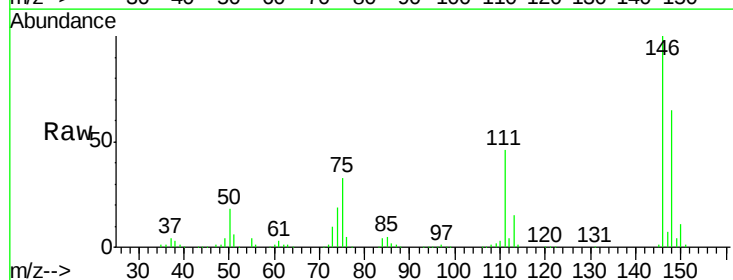
Tgt Ion: 146 Resp: 460957

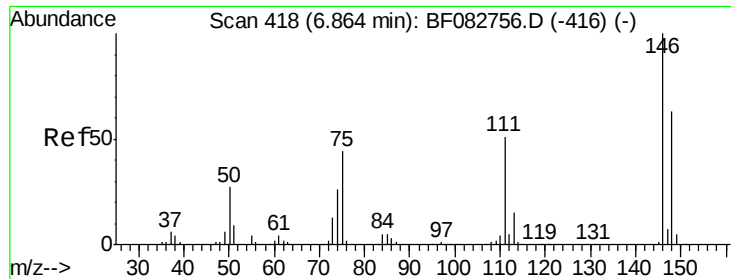
Ion Ratio Lower Upper

146 100

148 65.0 50.5 75.7

75 33.4 39.5 59.3#

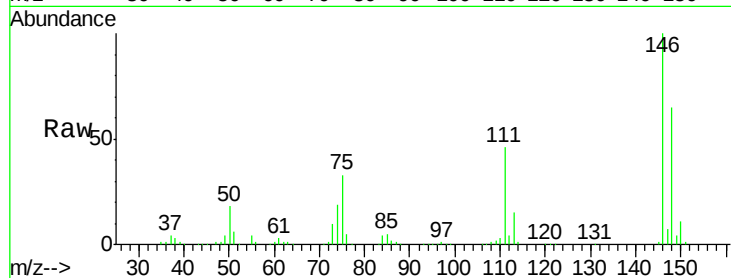




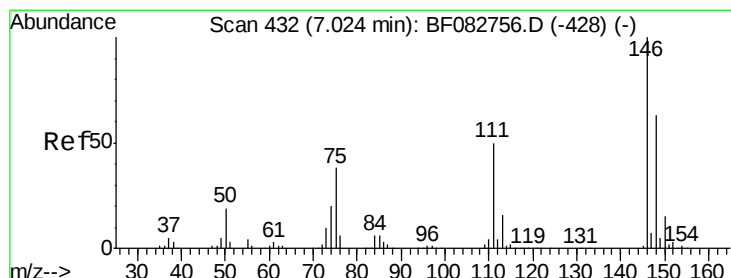
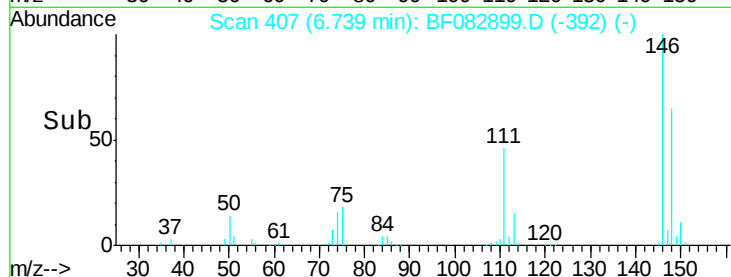
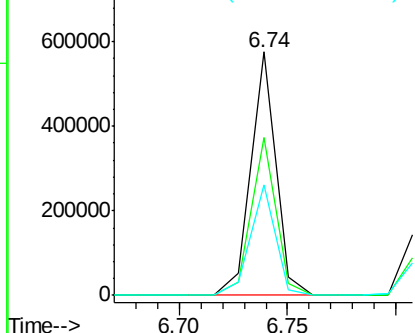
#13
 1,4-Dichlorobenzene
 Concen: 22.81 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.13 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

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

Tgt Ion:146 Resp: 460957
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 45.6 40.6 60.8

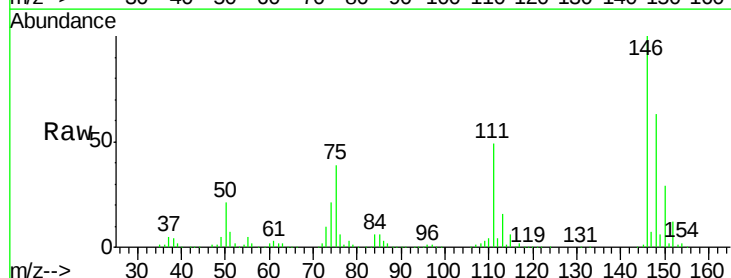


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

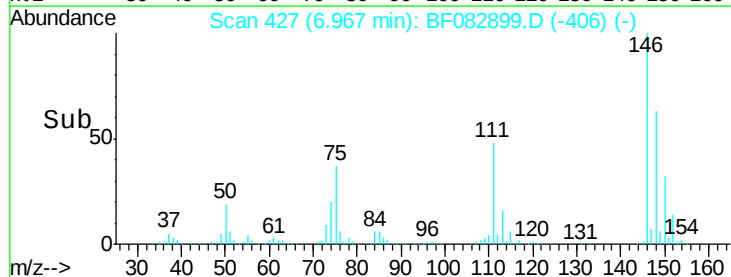
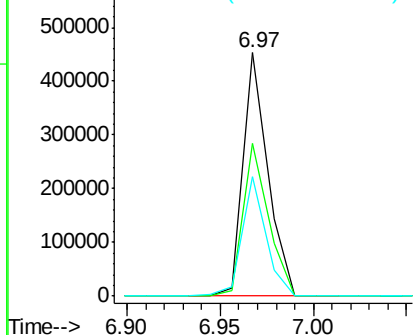


#14
 1,2-Dichlorobenzene
 Concen: 22.86 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:146 Resp: 420112
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.4
 111 48.9 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.43 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

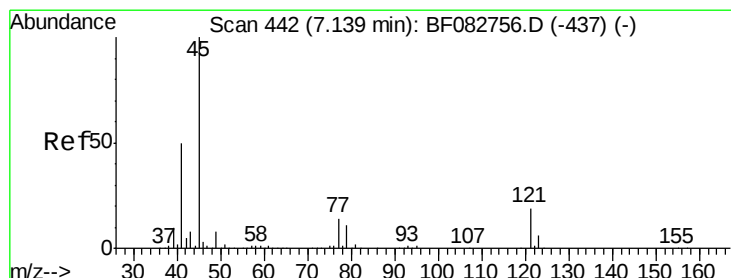
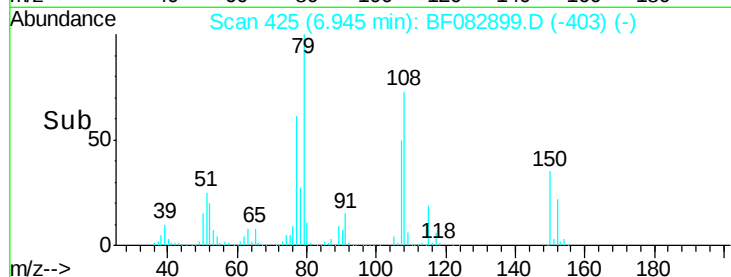
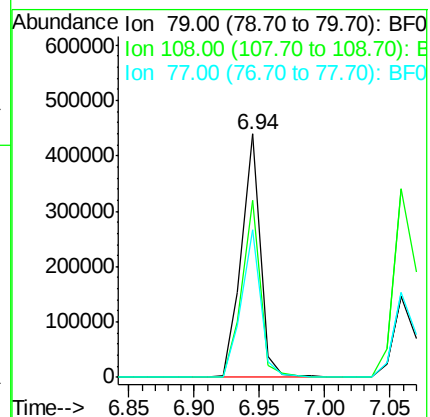
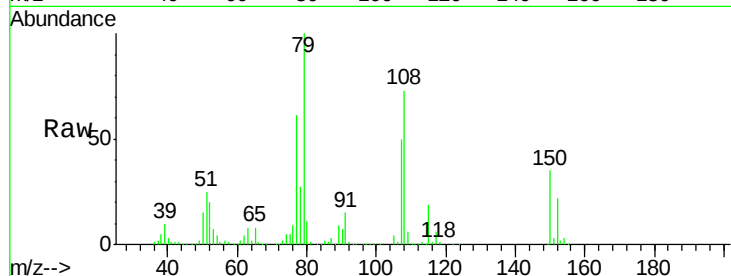
Tgt Ion: 79 Resp: 443113

Ion Ratio Lower Upper

79 100

108 72.8 52.2 78.4

77 60.8 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.57 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

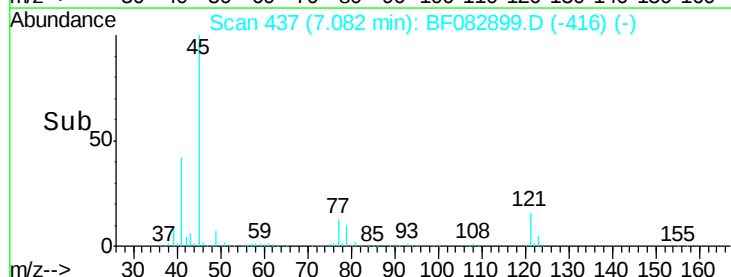
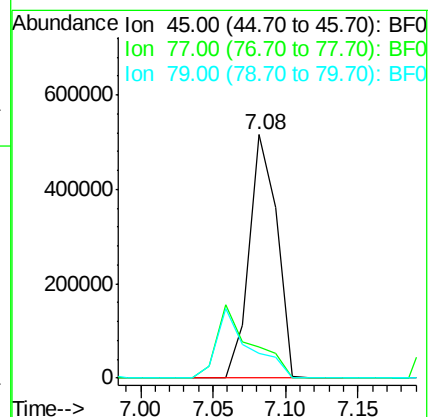
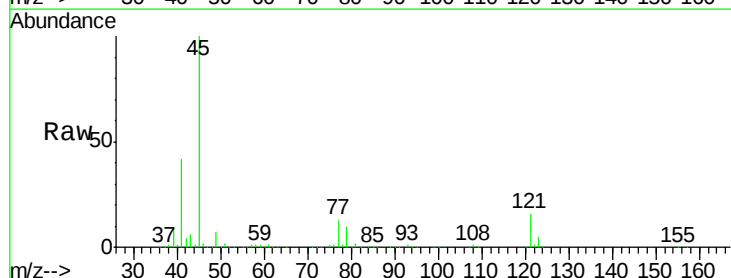
Tgt Ion: 45 Resp: 682971

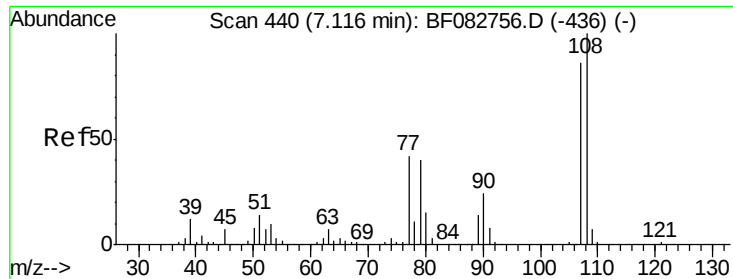
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.6

79 9.9 0.0 29.2

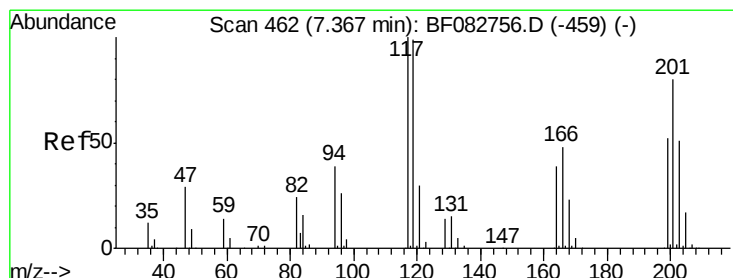
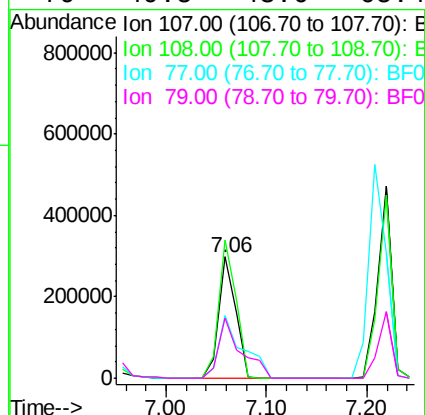
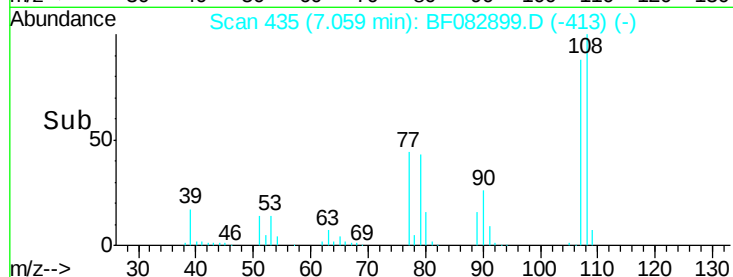
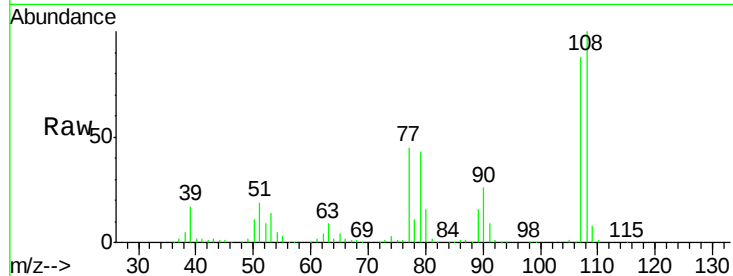




#17
2-Methylphenol
Concen: 23.98 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

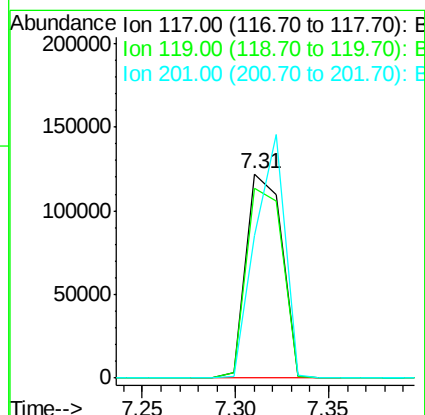
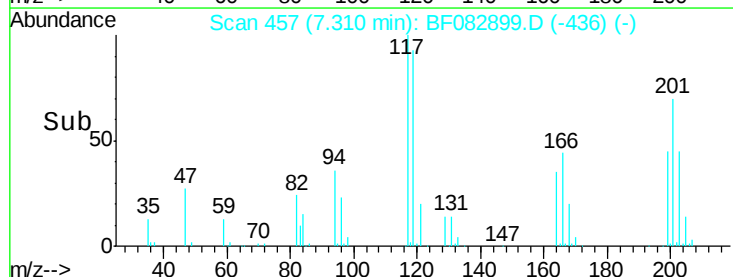
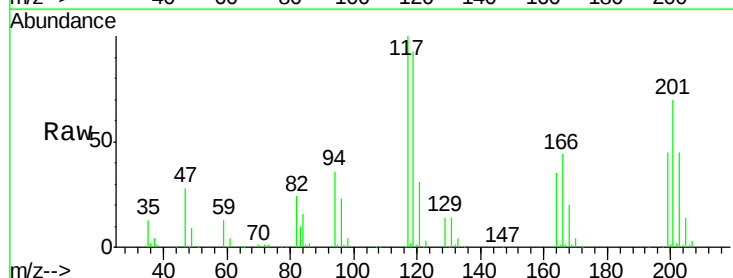
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

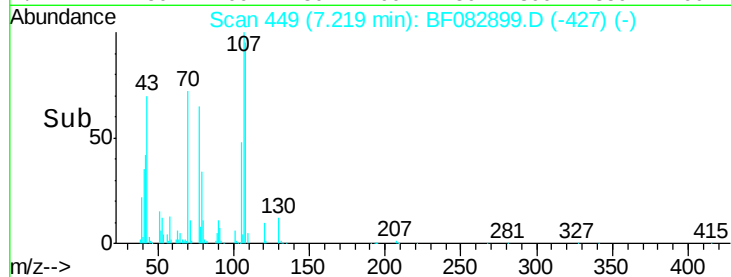
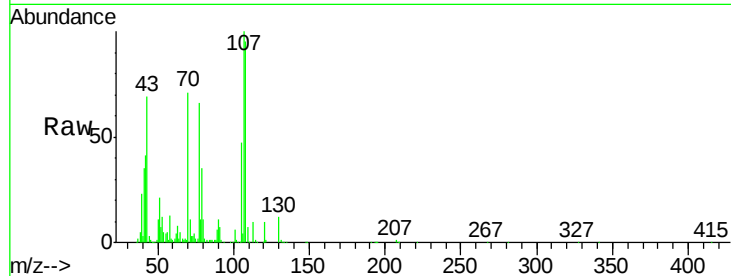
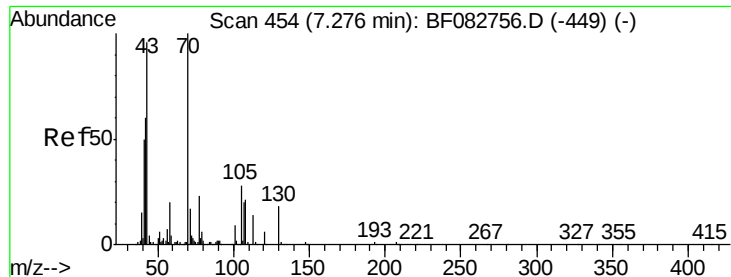
Tgt Ion:	107	Resp:	349796
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.4
77	51.8	44.1	66.1
79	49.5	43.6	65.4



#18
Hexachloroethane
Concen: 22.35 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:	117	Resp:	161488
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.7	116.5
201	70.1	66.7	100.1

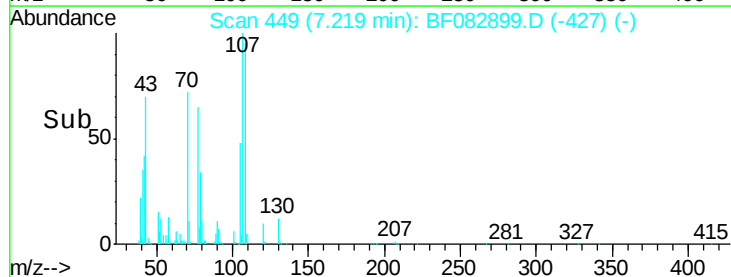
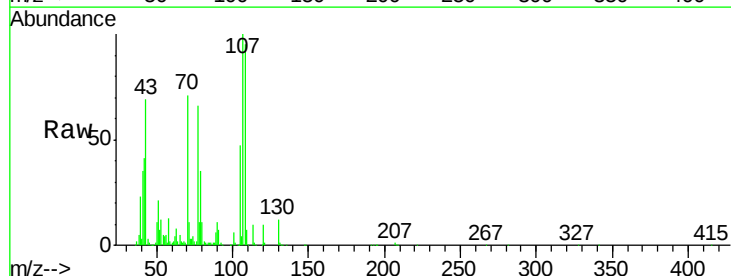
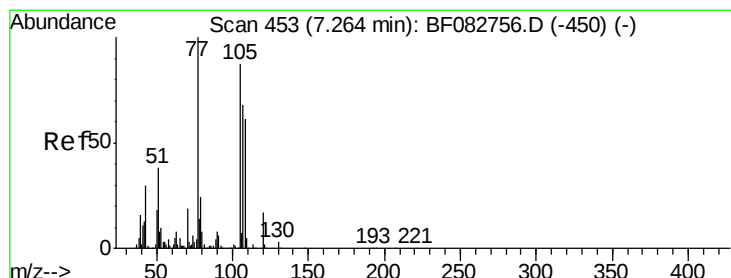
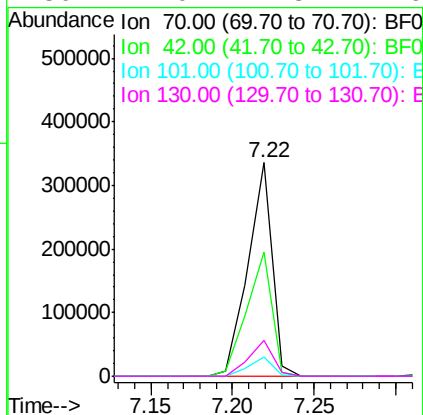




#19
n-Nitroso-di-n-propylamine
Concen: 22.75 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

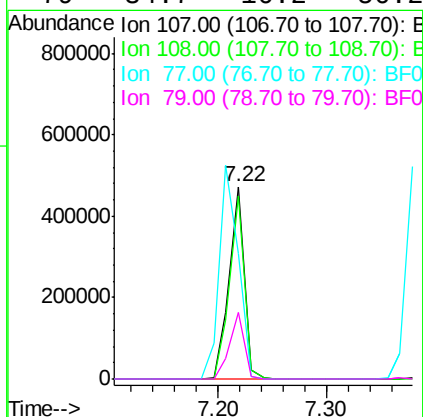
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

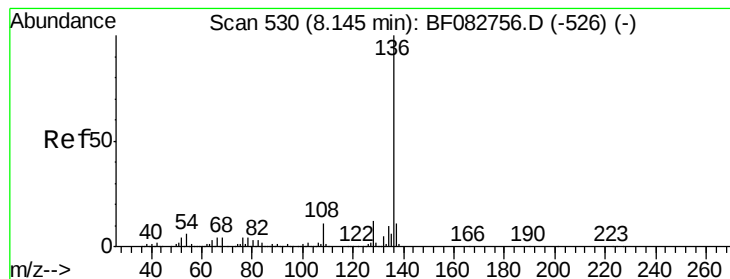
Tgt Ion:	70	Resp:	345411
Ion	Ratio	Lower	Upper
70	100		
42	58.3	57.7	86.5
101	8.8	7.0	10.6
130	17.0	11.8	17.6



#20
3+4-Methylphenols
Concen: 24.05 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:	107	Resp:	456016
Ion	Ratio	Lower	Upper
107	100		
108	95.3	67.3	107.3
77	65.5	100.3	140.3#
79	34.7	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: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion:136 Resp: 980747

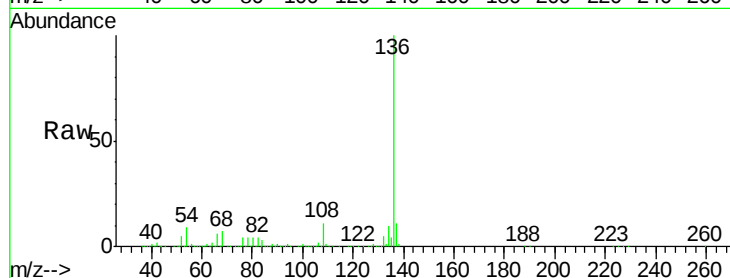
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 9.1 13.7#

68 6.7 4.8 7.2

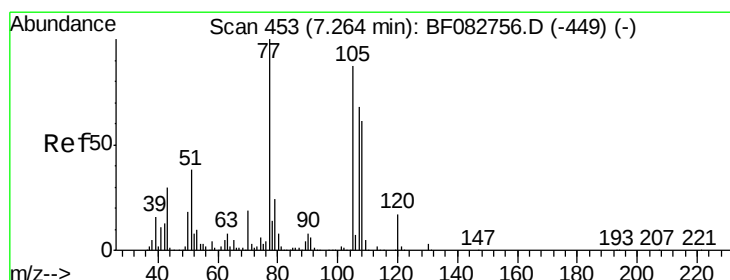
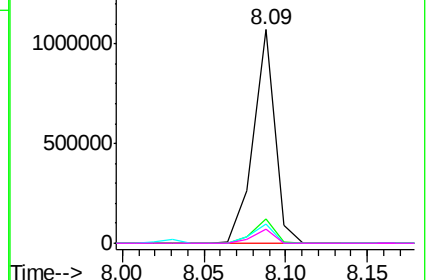
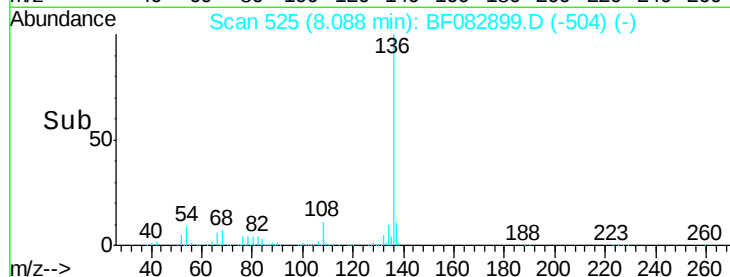


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 21.32 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion:105 Resp: 599224

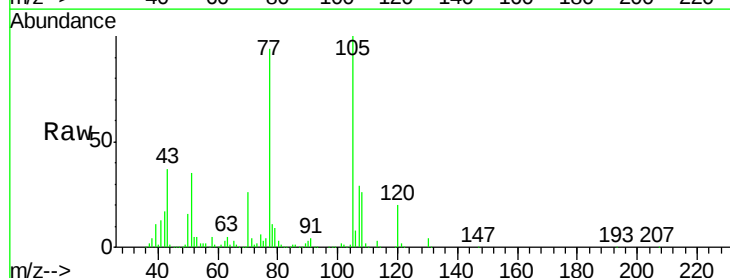
Ion Ratio Lower Upper

105 100

71 4.1 5.6 8.4#

51 35.1 24.9 37.3

120 19.6 15.8 23.8

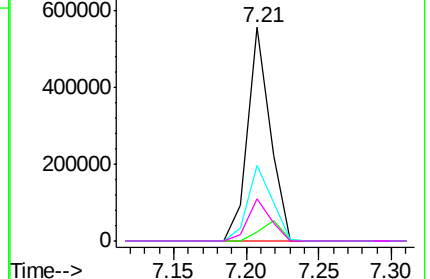
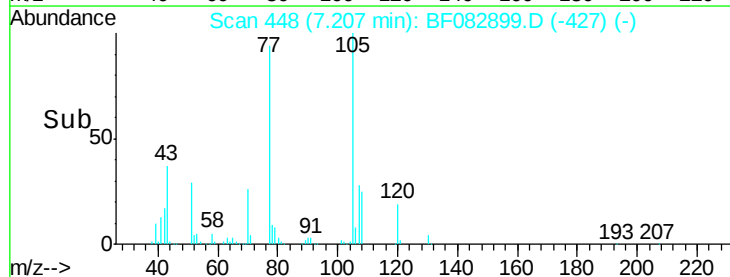


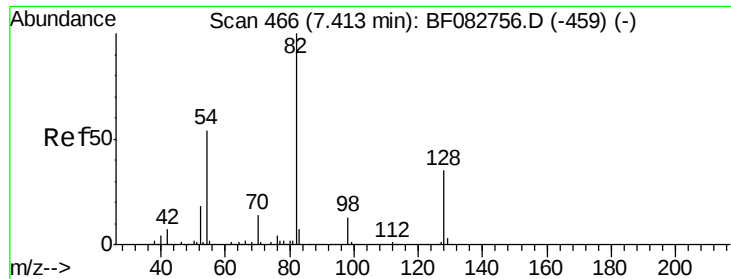
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

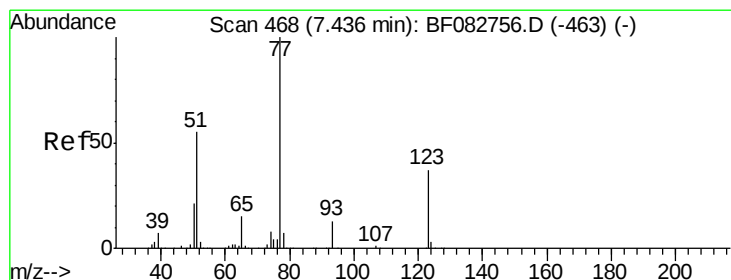
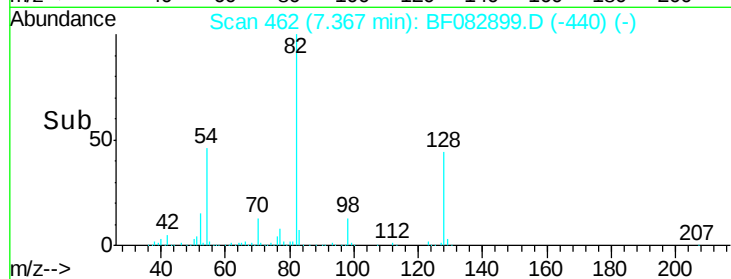
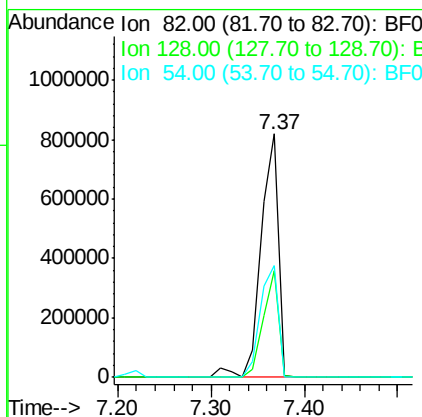
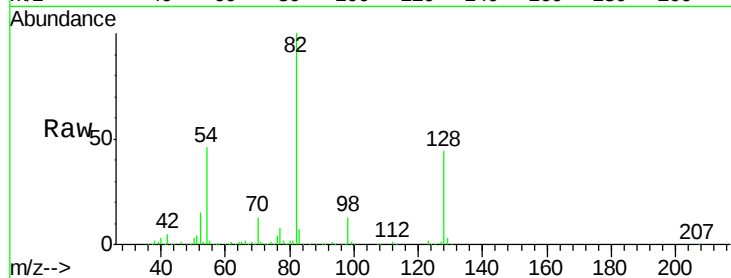




#23
 Nitrobenzene-d5
 Concen: 47.56 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

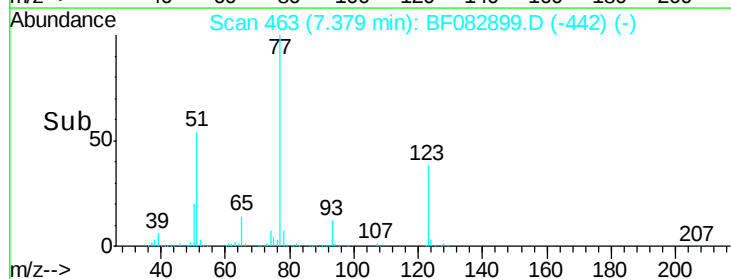
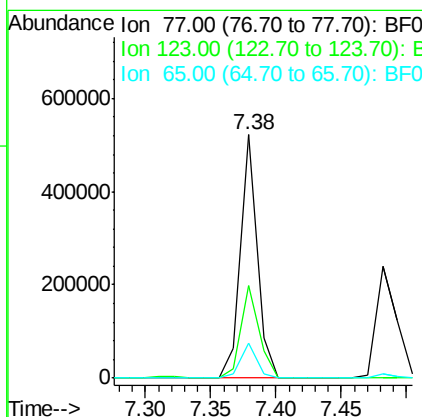
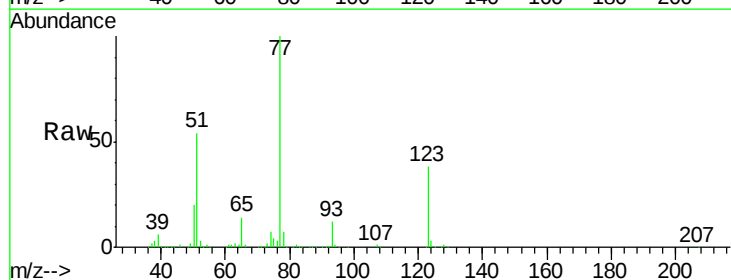
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

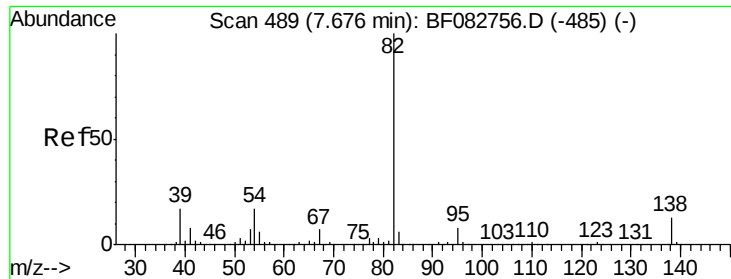
Tgt Ion: 82 Resp: 1072011
 Ion Ratio Lower Upper
 82 100
 128 44.0 26.8 40.2#
 54 46.1 45.7 68.5



#24
 Nitrobenzene
 Concen: 20.18 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion: 77 Resp: 465078
 Ion Ratio Lower Upper
 77 100
 123 37.8 36.4 54.6
 65 14.3 11.5 17.3





#25

Isophorone

Concen: 21.89 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

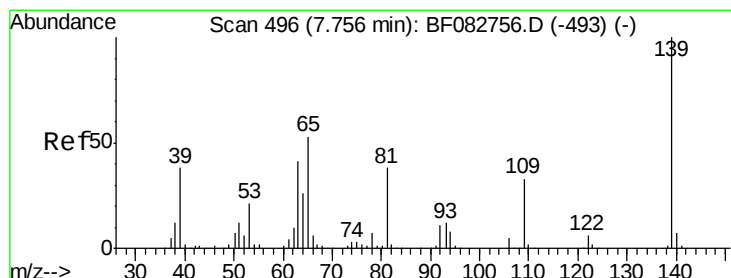
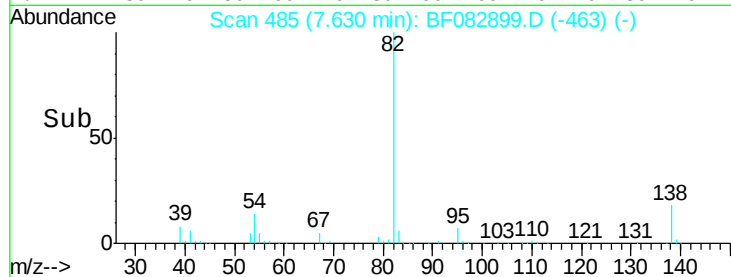
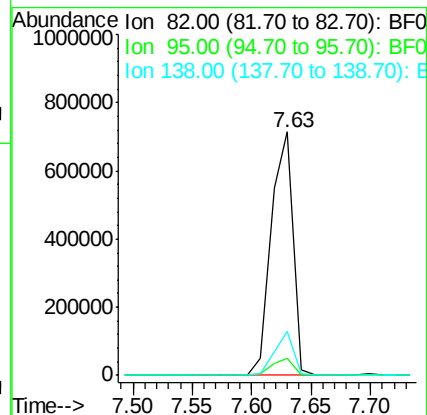
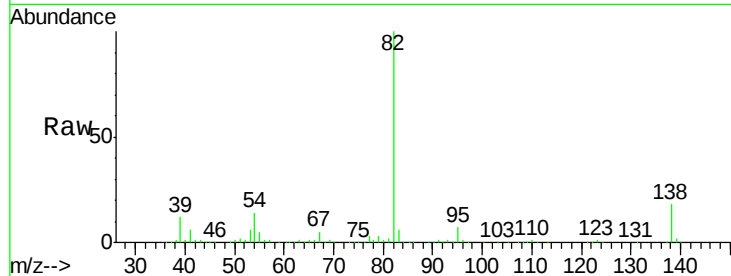
Tgt Ion: 82 Resp: 912833

Ion Ratio Lower Upper

82 100

95 7.0 6.6 9.8

138 18.2 11.4 17.0#



#26

2-Nitrophenol

Concen: 21.54 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

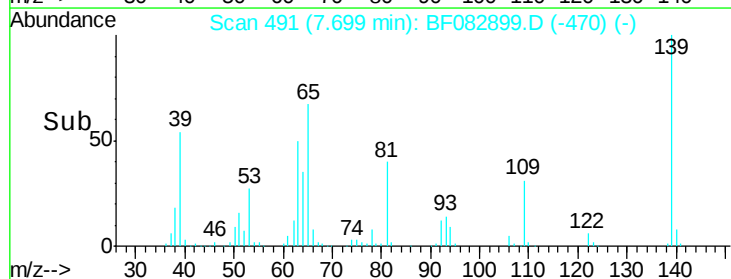
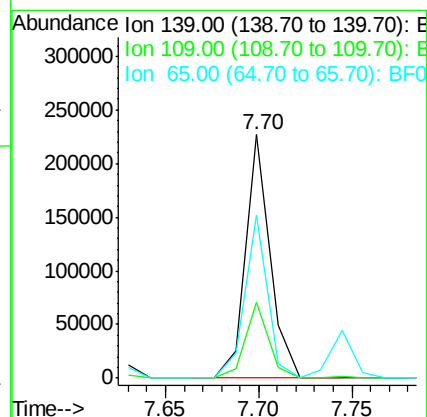
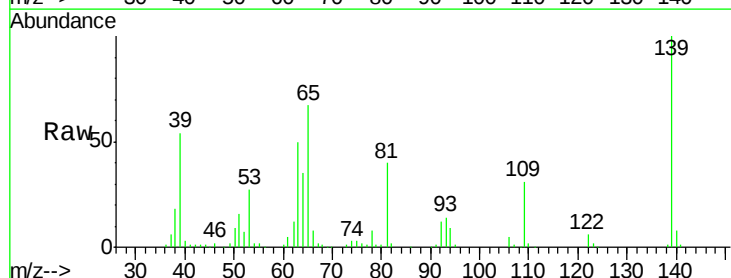
Tgt Ion: 139 Resp: 207281

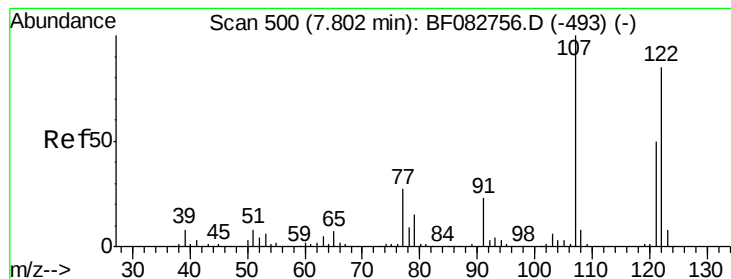
Ion Ratio Lower Upper

139 100

109 31.4 37.6 56.4#

65 67.0 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 21.86 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

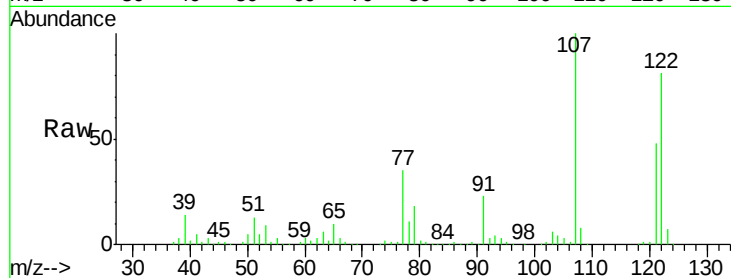
Tgt Ion:122 Resp: 377871

Ion Ratio Lower Upper

122 100

107 122.9 106.0 159.0

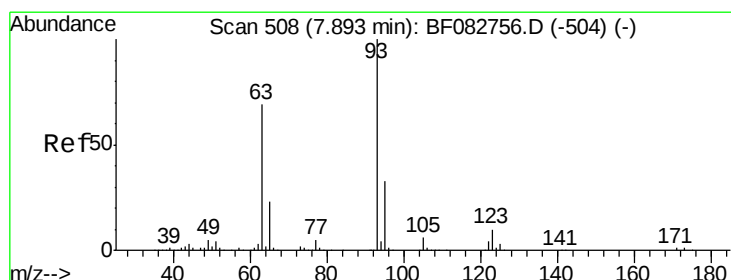
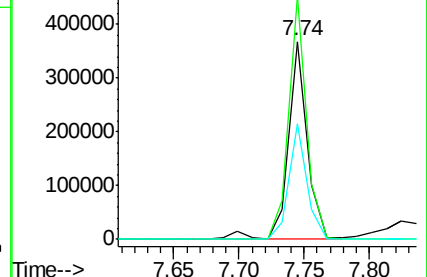
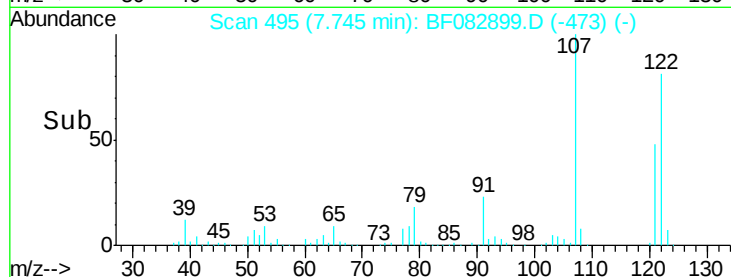
121 58.6 46.7 70.1



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: 22.89 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

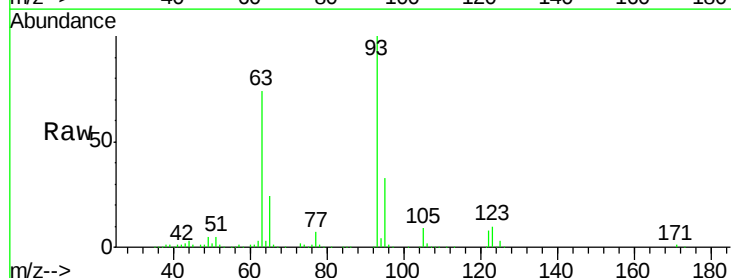
Tgt Ion: 93 Resp: 538470

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

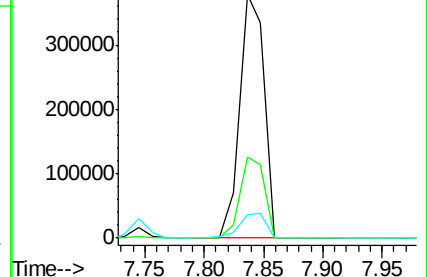
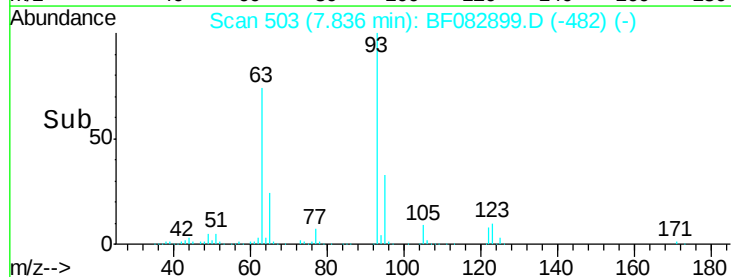
123 9.7 9.7 14.5#

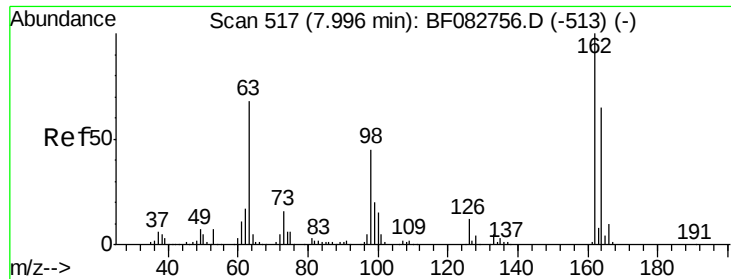


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

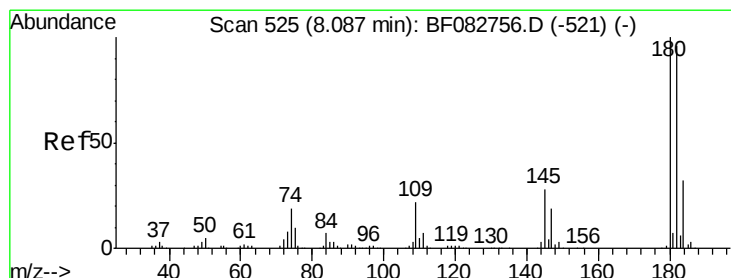
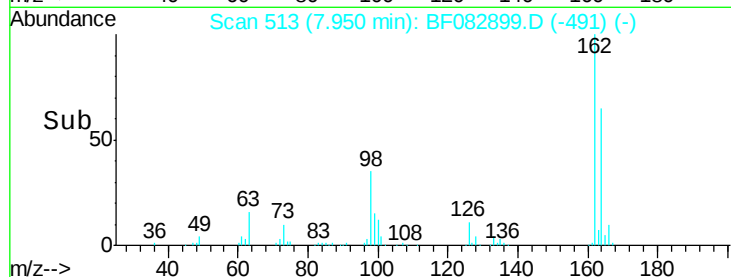
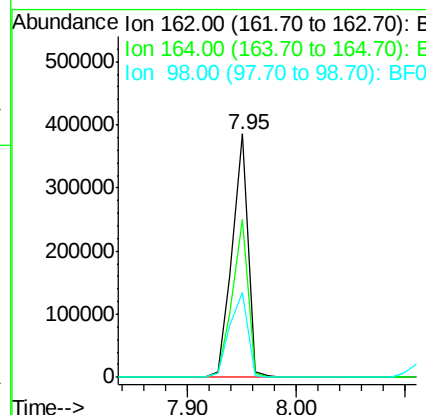
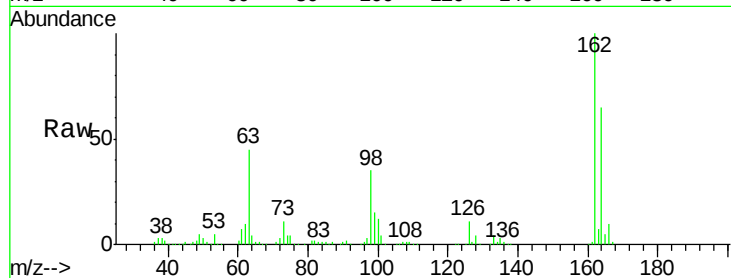




#29
 2,4-Dichlorophenol
 Concen: 24.91 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

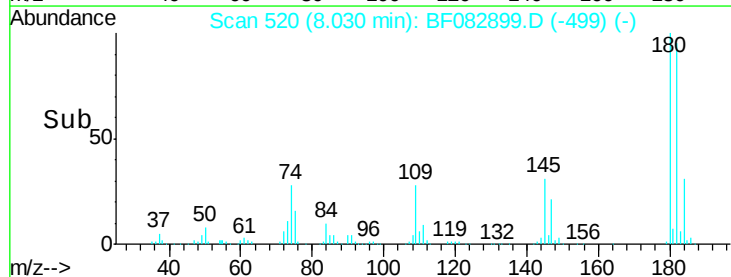
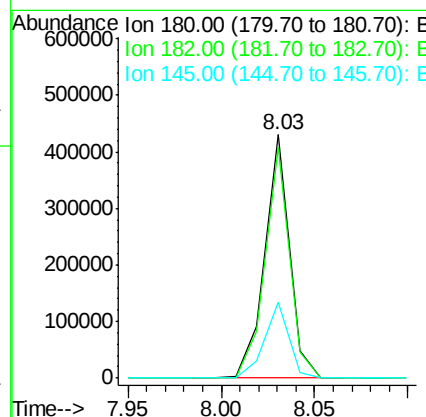
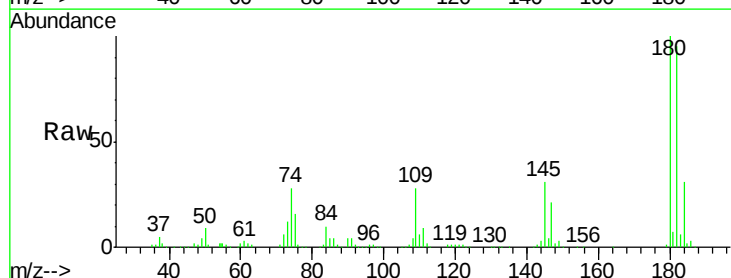
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

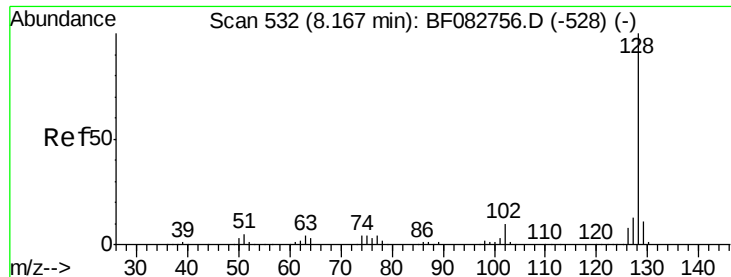
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.8	86.8
98	34.6	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 22.26 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.9	112.3
145	30.9	27.8	41.8

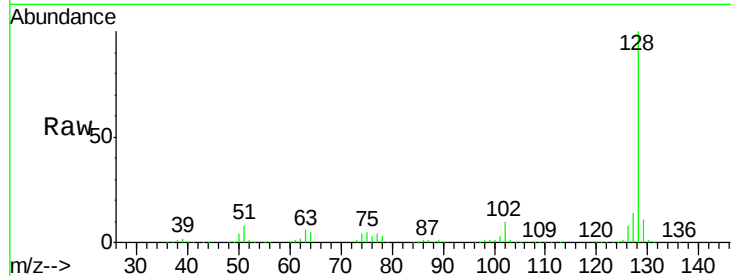




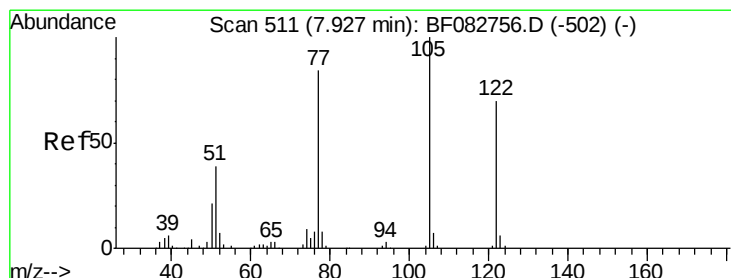
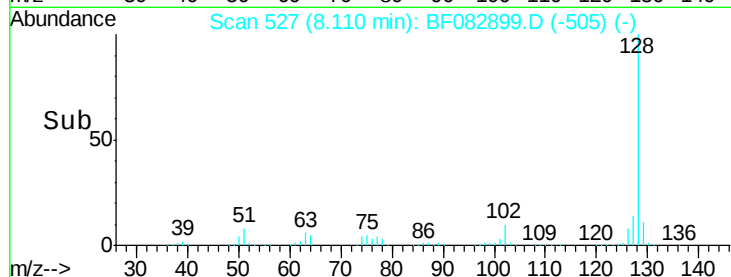
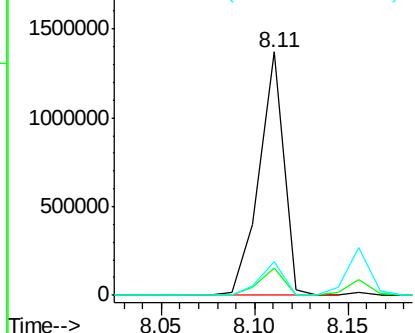
#31
Naphthalene
Concen: 23.08 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

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

Tgt Ion:128 Resp: 1248861
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.9 11.4 17.0

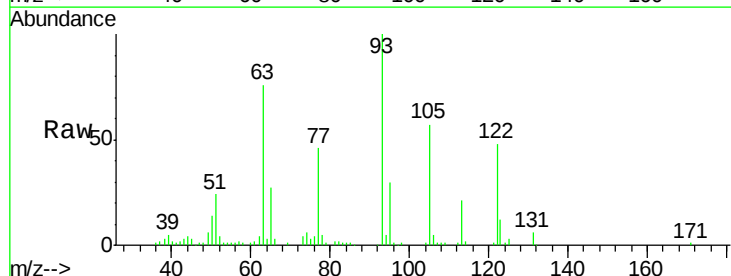


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

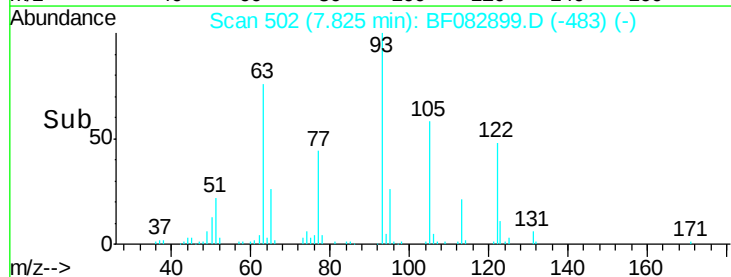
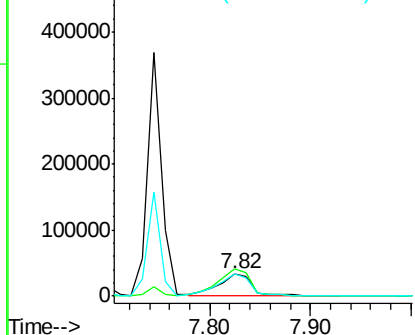


#32
Benzoic acid
Concen: 6.35 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.08 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:122 Resp: 75143
Ion Ratio Lower Upper
122 100
105 120.5 122.6 162.6#
77 97.2 100.9 140.9#



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

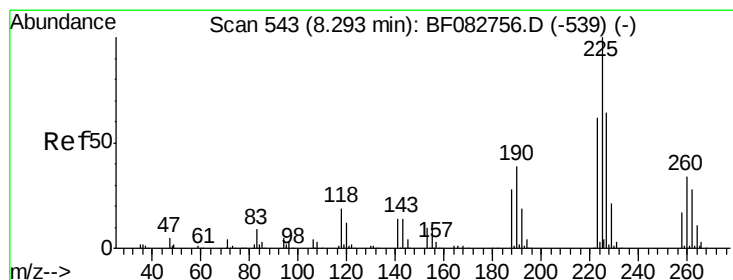
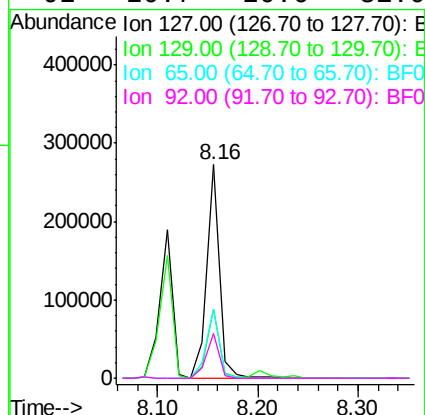
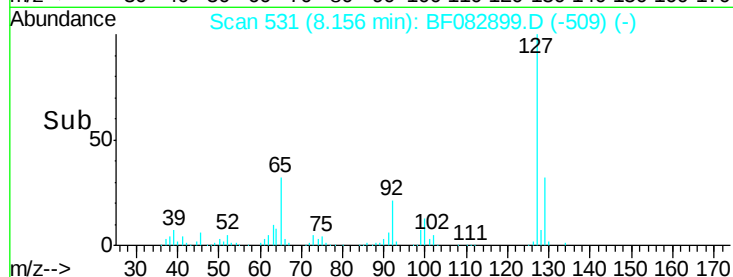
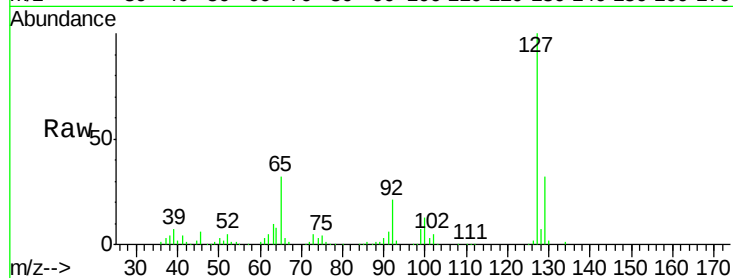




#33
4-Chloroaniline
Concen: 10.31 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

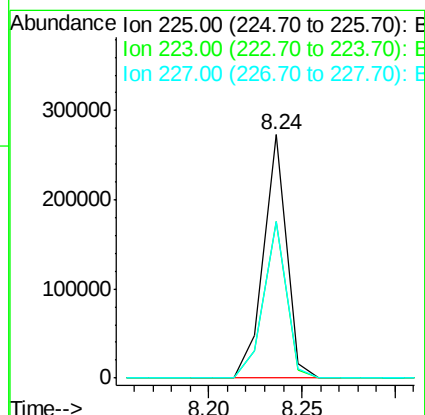
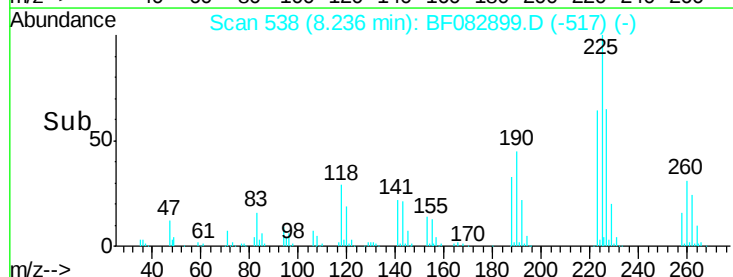
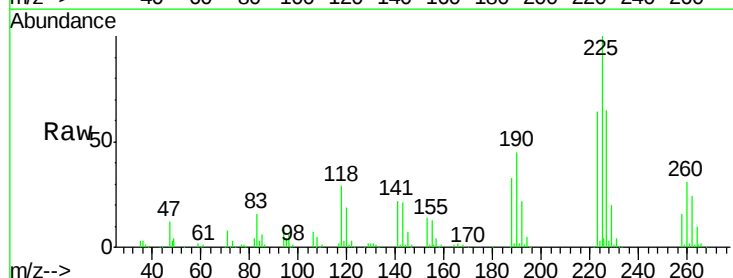
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

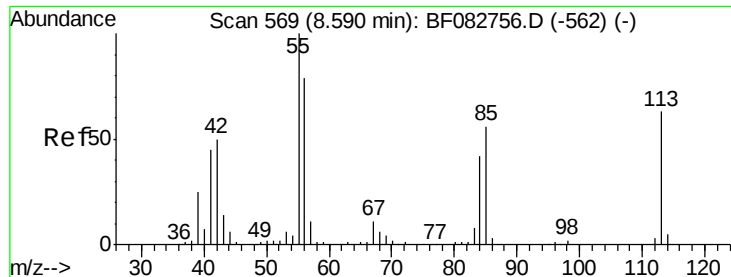
Tgt Ion:	127	Resp:	240517
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	32.4	37.8	56.8#
92	20.7	20.6	31.0



#34
Hexachlorobutadiene
Concen: 21.07 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:	225	Resp:	231699
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.5	75.7
227	64.5	50.2	75.2

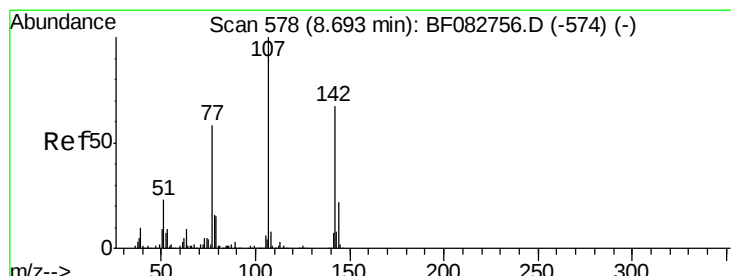
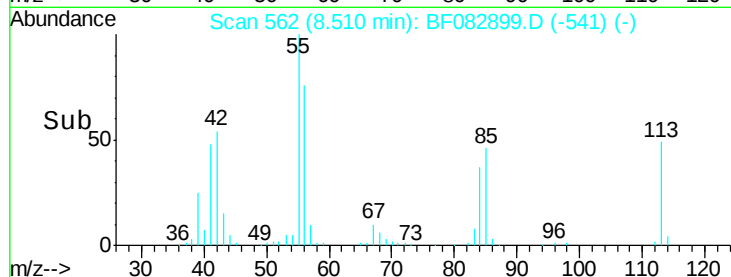
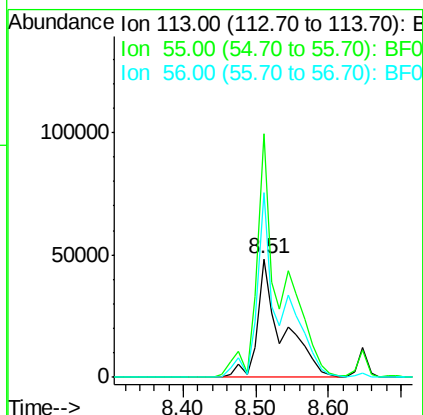
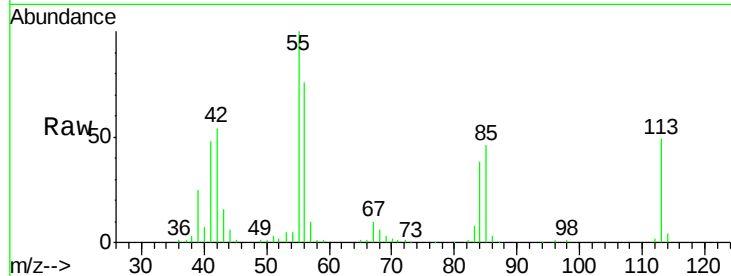




#35
 Caprolactam
 Concen: 23.83 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

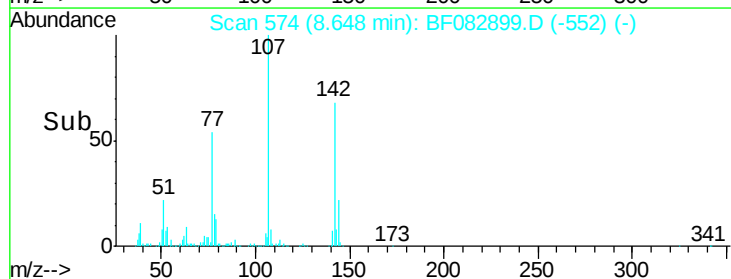
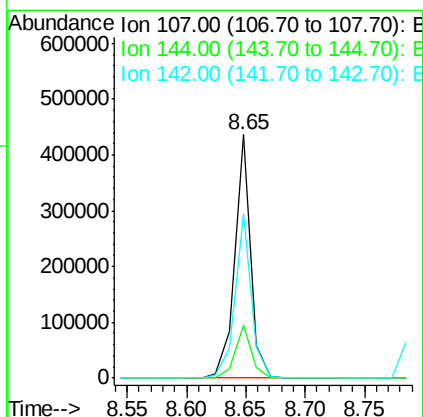
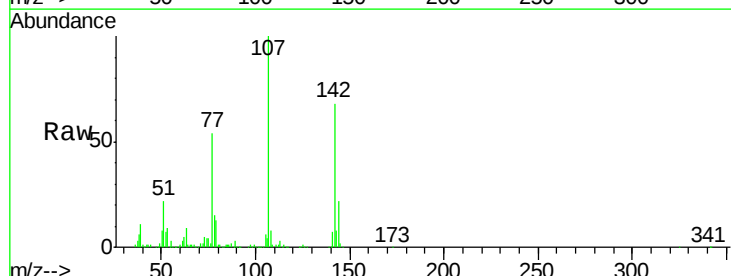
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion:113 Resp: 117395
 Ion Ratio Lower Upper
 113 100
 55 205.2 195.5 235.5
 56 155.4 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 22.23 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:107 Resp: 408456
 Ion Ratio Lower Upper
 107 100
 144 22.0 15.4 23.0
 142 67.5 47.8 71.8

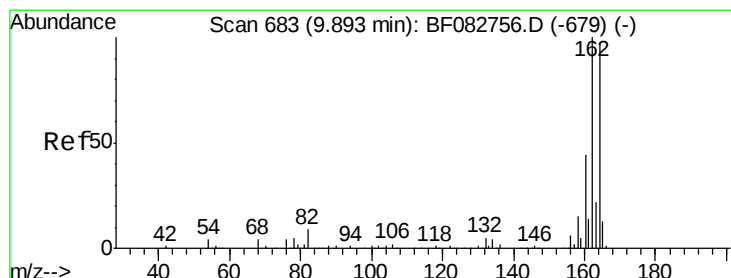
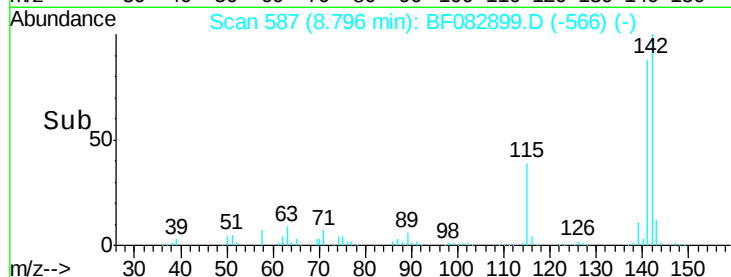
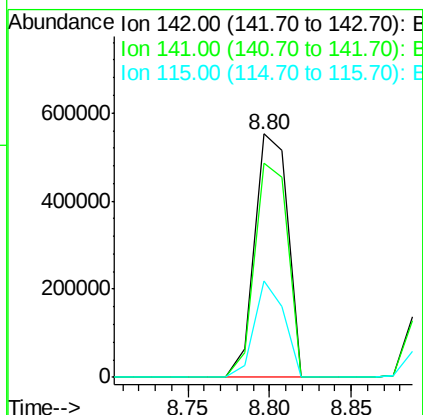
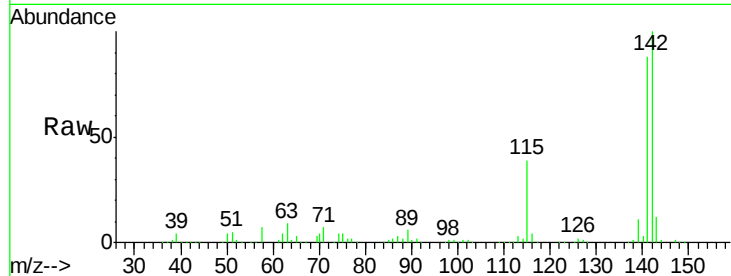




#37
 2-Methylnaphthalene
 Concen: 22.25 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

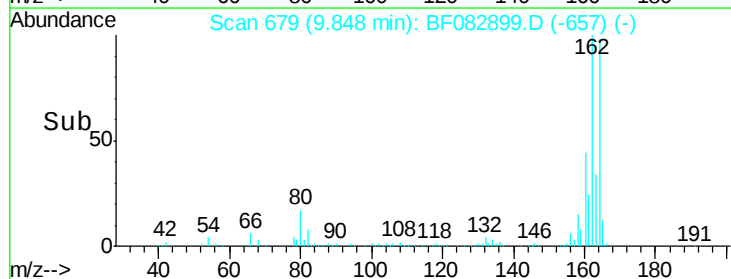
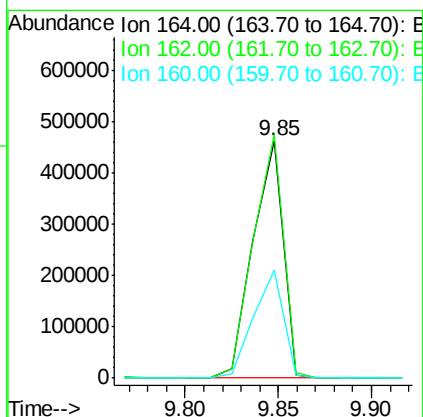
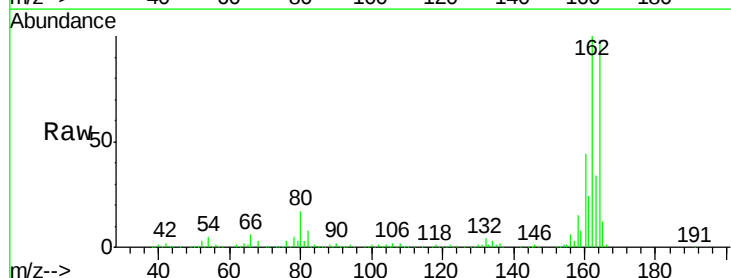
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

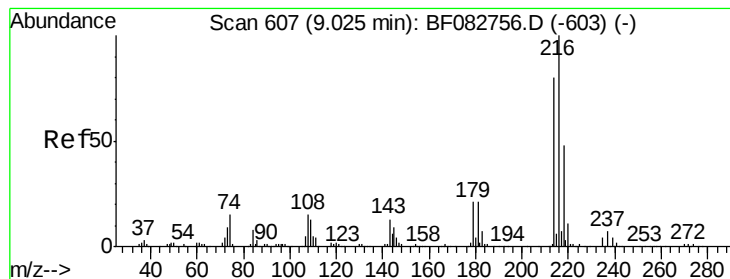
Tgt Ion:142 Resp: 778736
 Ion Ratio Lower Upper
 142 100
 141 88.1 72.3 108.5
 115 39.3 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:164 Resp: 517509
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.9 127.3
 160 45.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.64 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion:216 Resp: 334066

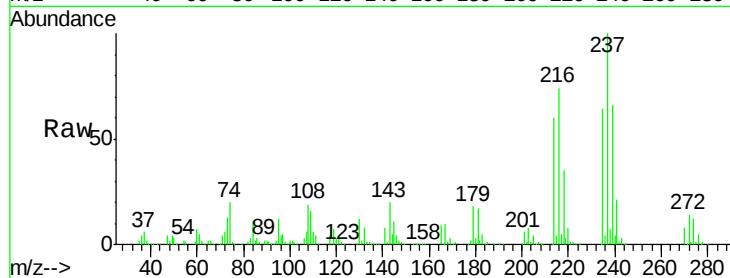
Ion Ratio Lower Upper

216 100

214 79.4 62.2 93.2

179 21.5 18.1 27.1

108 22.4 16.6 25.0

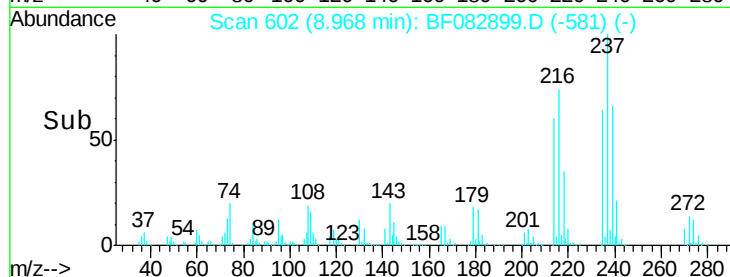


Abundance Ion 216.00 (215.70 to 216.70): E

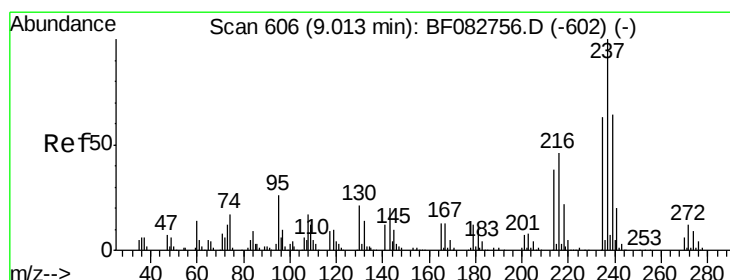
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 45.21 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

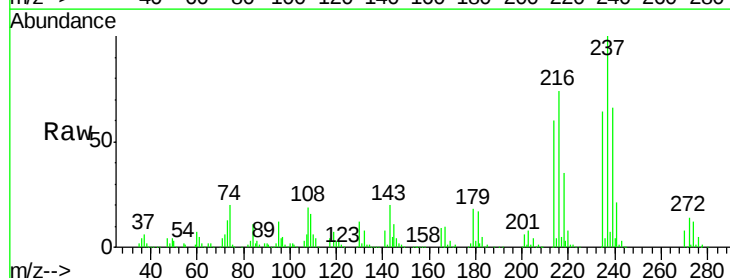
Tgt Ion:237 Resp: 413091

Ion Ratio Lower Upper

237 100

235 63.9 44.3 84.3

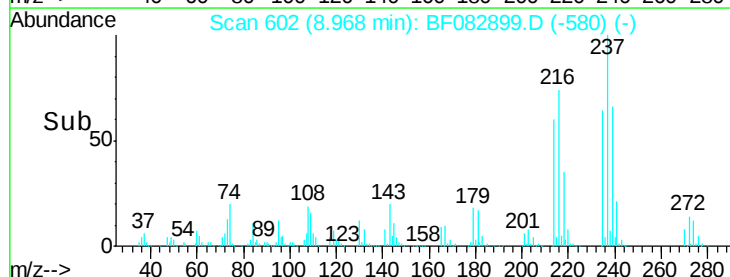
272 13.6 0.0 31.9



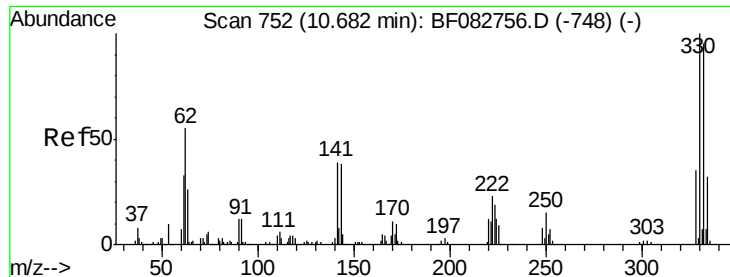
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



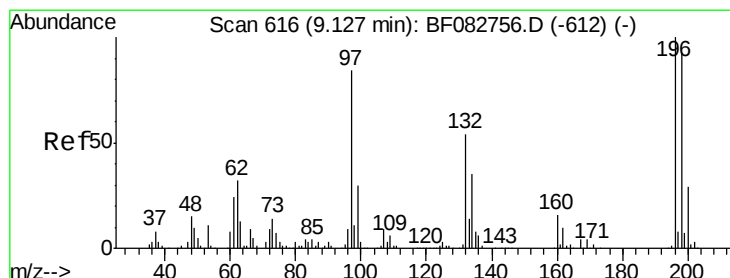
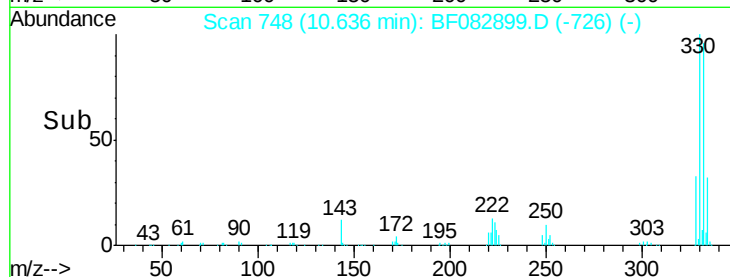
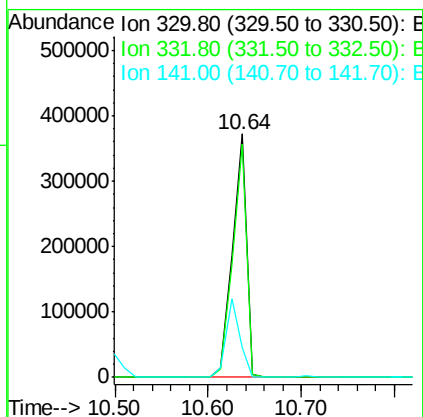
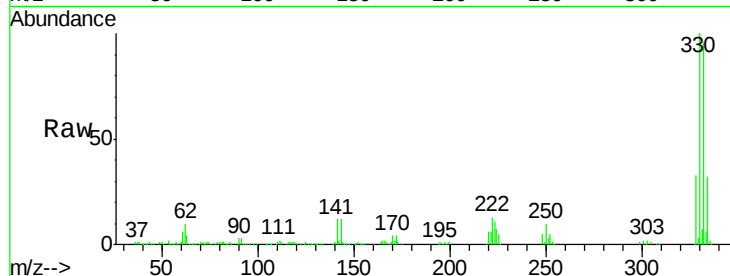
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 67.21 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

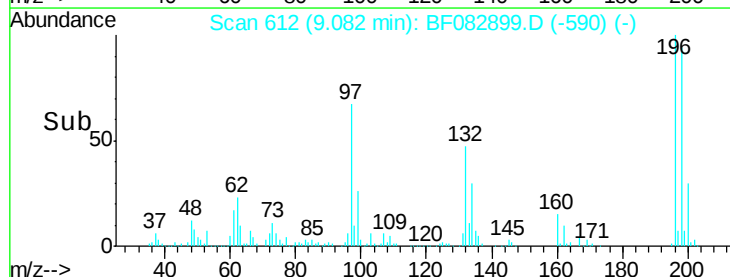
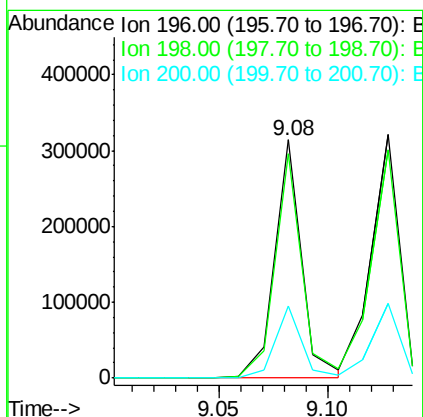
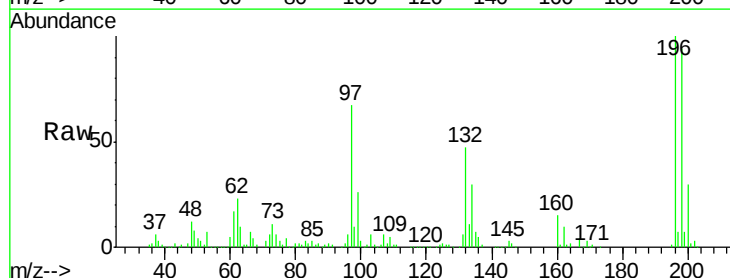
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

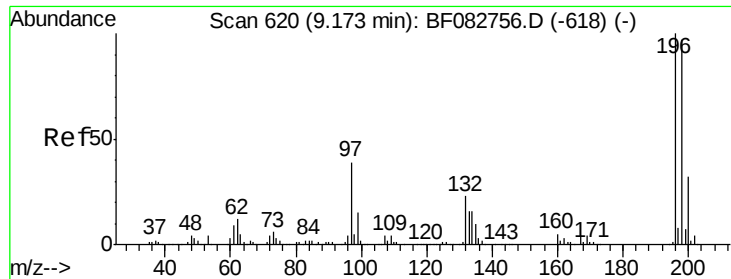
Tgt Ion:330 Resp: 398825
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 31.7 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 21.62 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:196 Resp: 274491
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.4 23.9 35.9

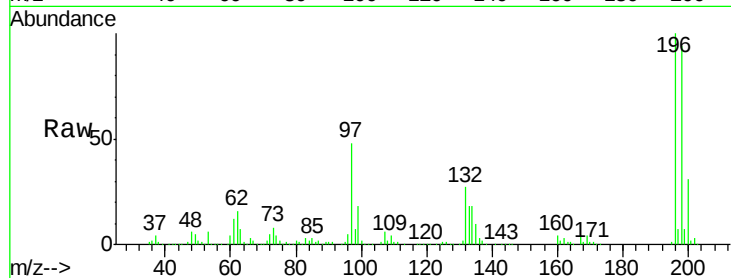




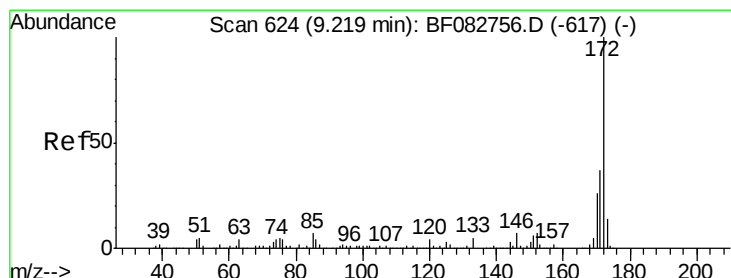
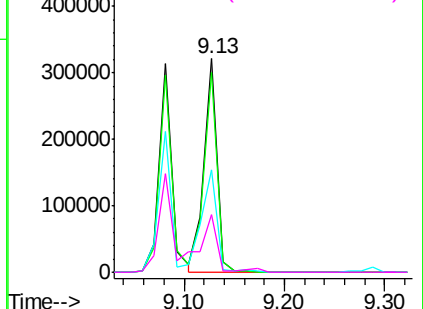
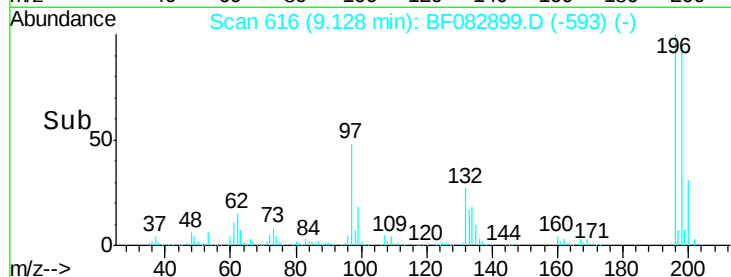
#43
 2,4,5-Trichlorophenol
 Concen: 23.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.8	113.8
97	48.1	62.3	93.5#
132	26.8	27.4	41.2#

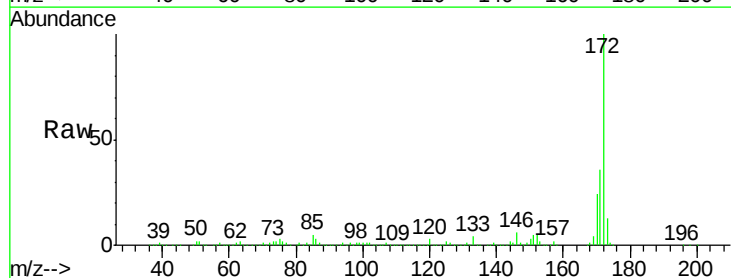


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

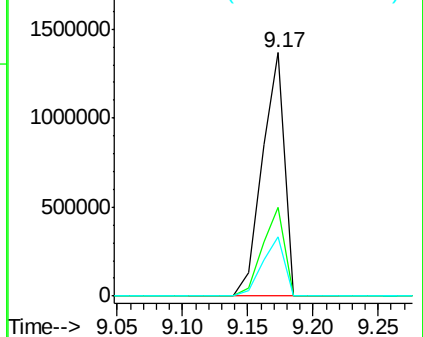
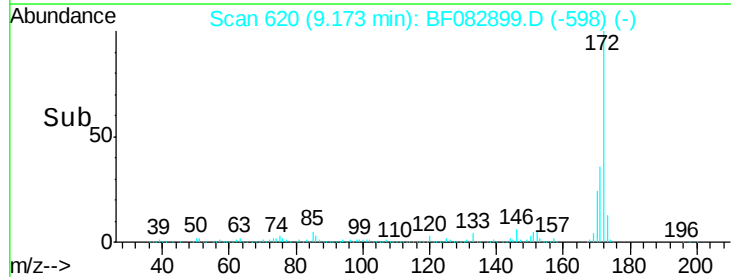


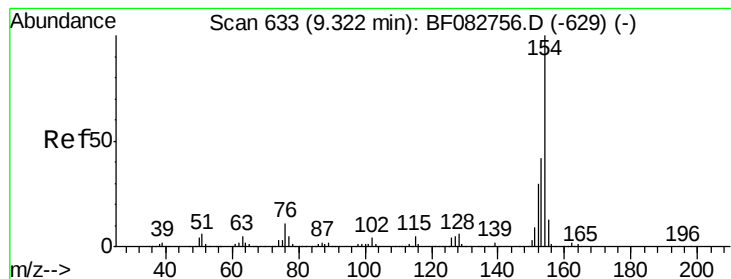
#44
 2-Fluorobiphenyl
 Concen: 44.87 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.4	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: 20.88 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

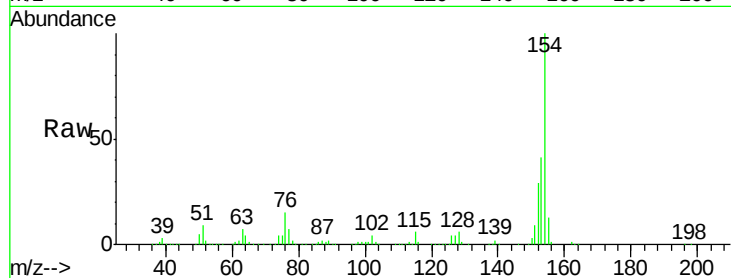
Tgt Ion:154 Resp: 926999

Ion Ratio Lower Upper

154 100

153 40.6 22.0 62.0

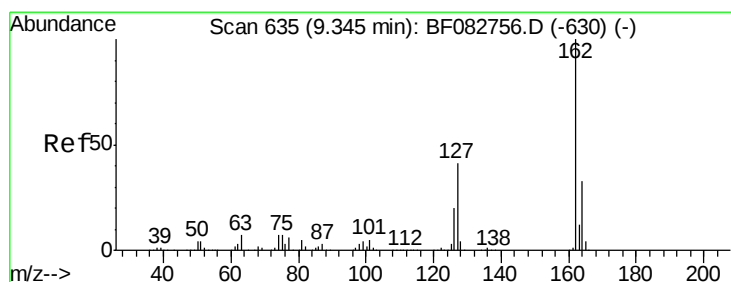
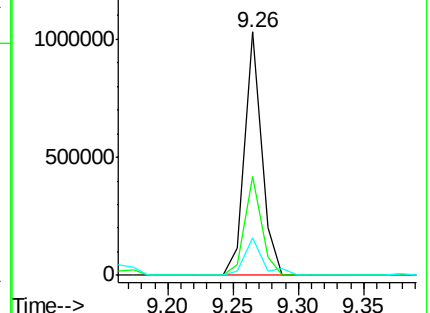
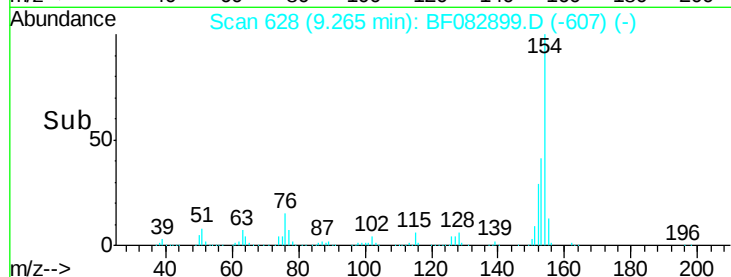
76 15.4 0.0 29.0



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: 21.34 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

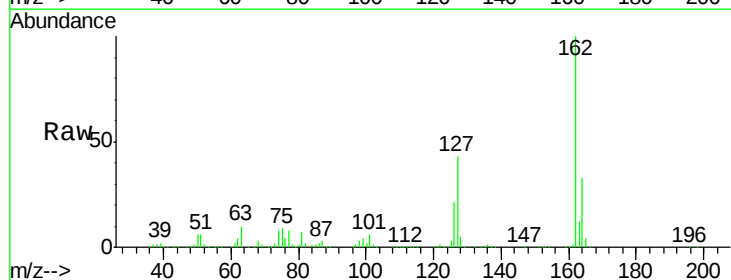
Tgt Ion:162 Resp: 739321

Ion Ratio Lower Upper

162 100

127 43.2 32.7 49.1

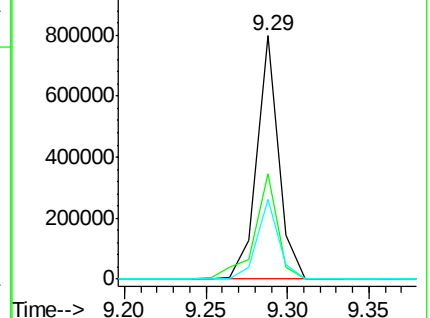
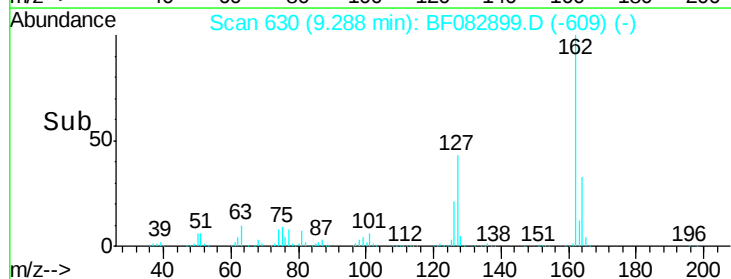
164 33.0 27.4 41.0

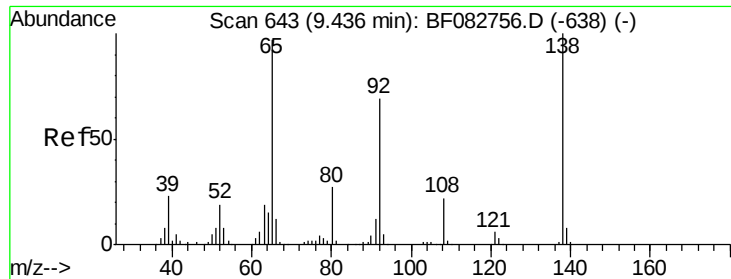


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 20.09 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

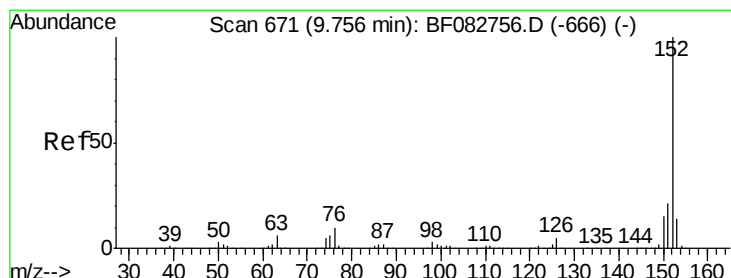
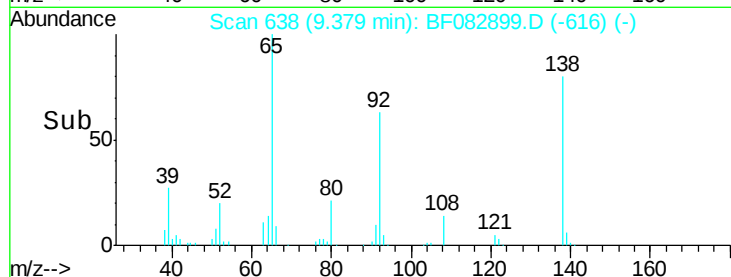
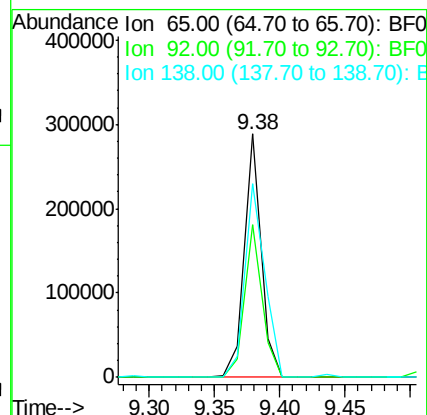
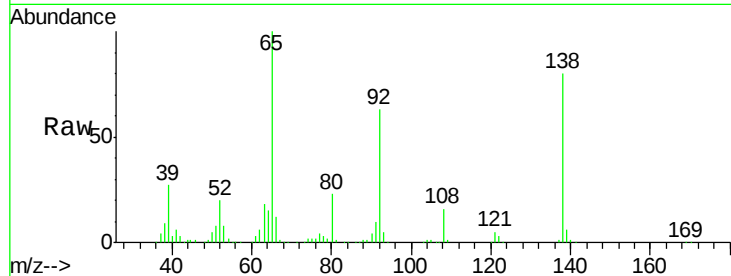
Tgt Ion: 65 Resp: 258117

Ion Ratio Lower Upper

65 100

92 62.9 46.6 70.0

138 79.8 54.6 81.8



#48

Acenaphthylene

Concen: 21.84 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

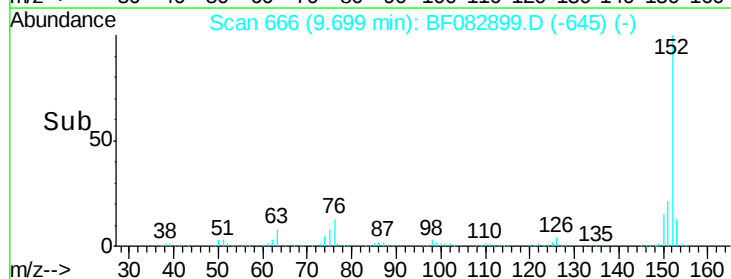
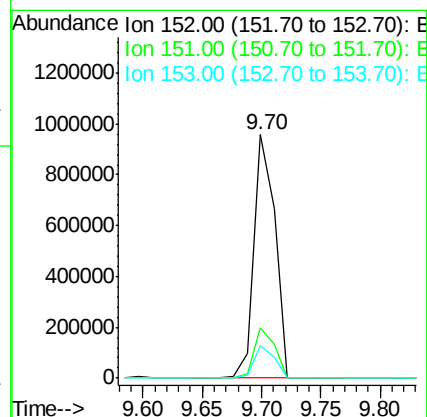
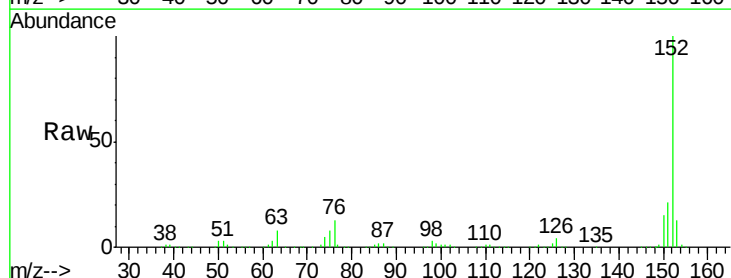
Tgt Ion: 152 Resp: 1185443

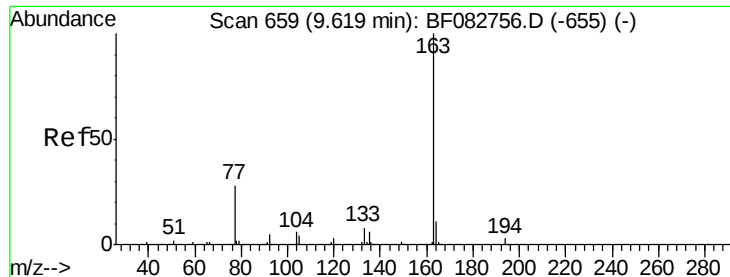
Ion Ratio Lower Upper

152 100

151 20.6 17.3 25.9

153 13.3 11.3 16.9

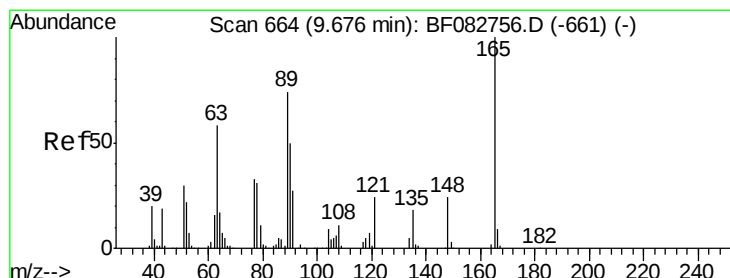
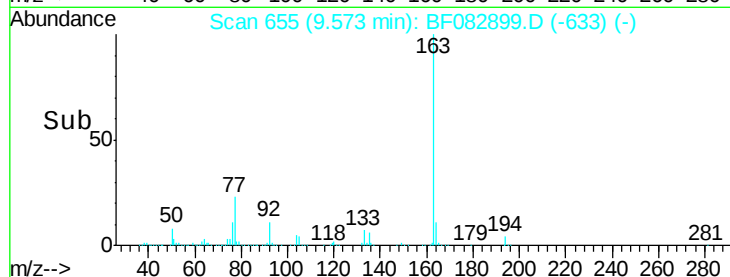
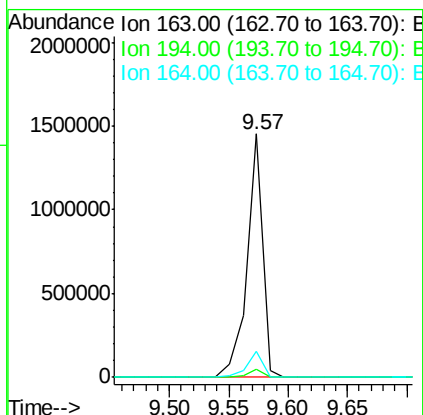
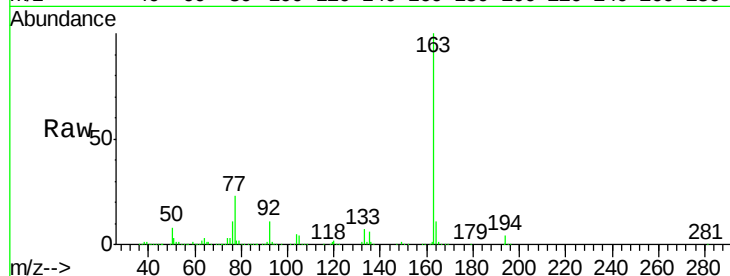




#49
Dimethylphthalate
Concen: 31.42 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

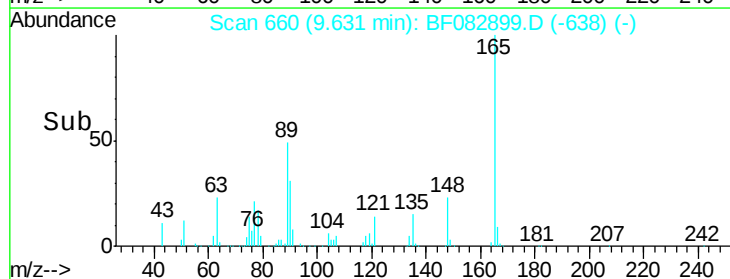
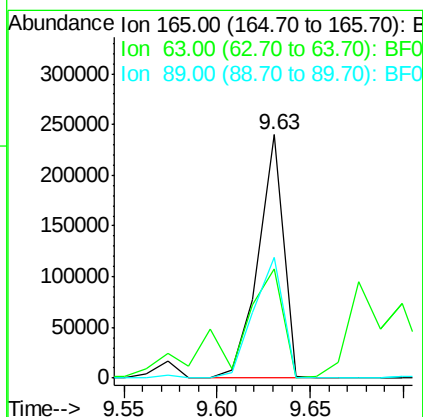
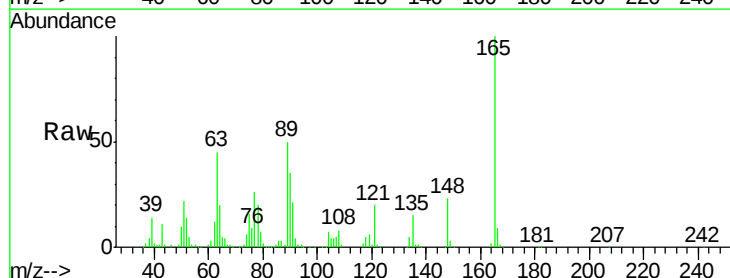
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

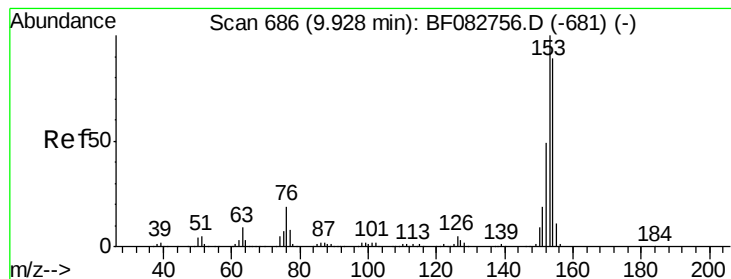
Tgt Ion:163 Resp: 1332202
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.6 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 24.81 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:165 Resp: 224412
Ion Ratio Lower Upper
165 100
63 44.9 55.5 83.3#
89 49.8 55.0 82.6#





#51

Acenaphthene

Concen: 23.07 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

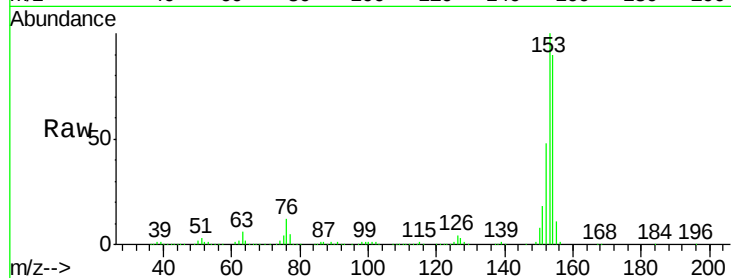
Tgt Ion:154 Resp: 793877

Ion Ratio Lower Upper

154 100

153 110.6 90.1 135.1

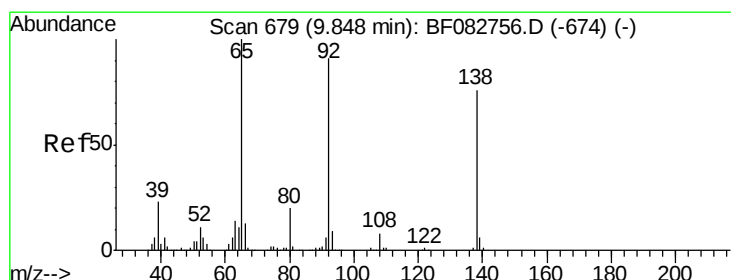
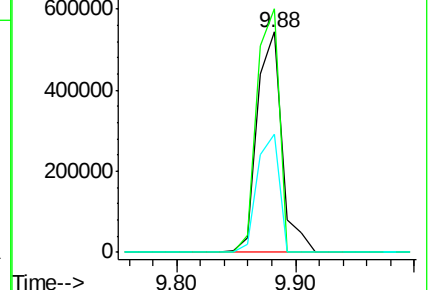
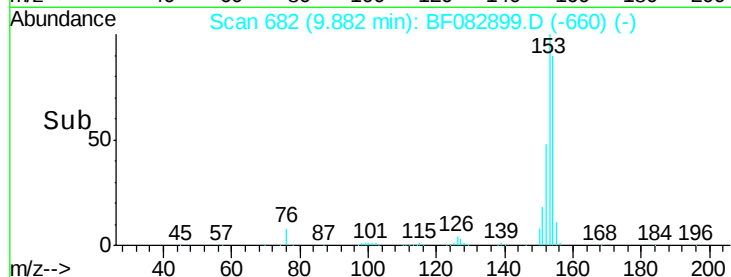
152 53.6 44.3 66.5



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: 15.14 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

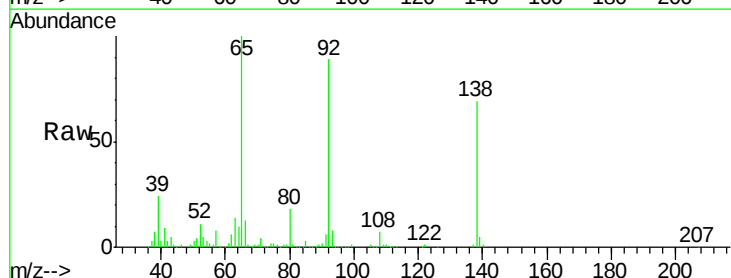
Tgt Ion:138 Resp: 150647

Ion Ratio Lower Upper

138 100

108 10.7 11.3 16.9#

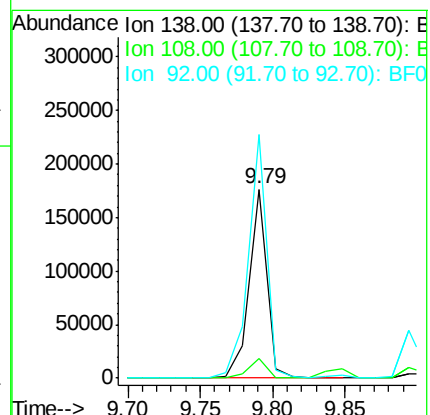
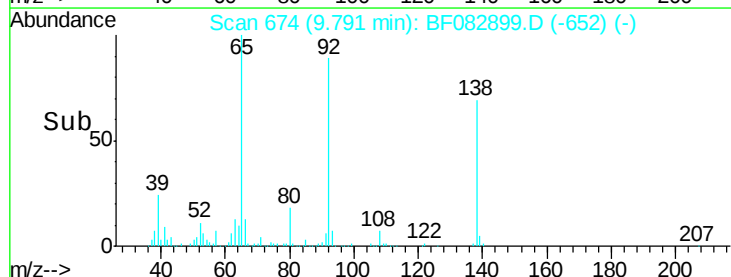
92 129.0 122.4 183.6

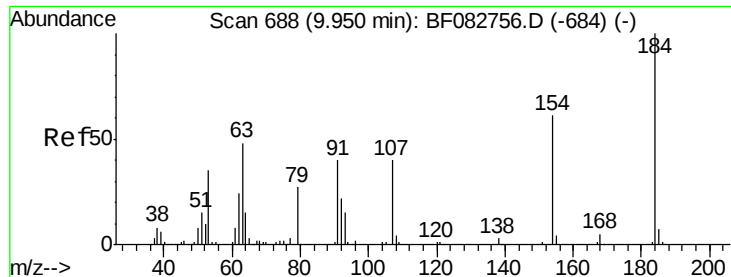


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

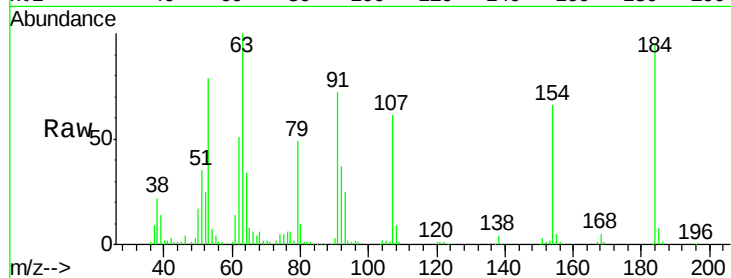




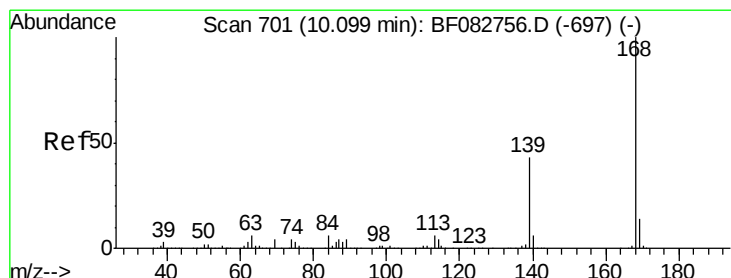
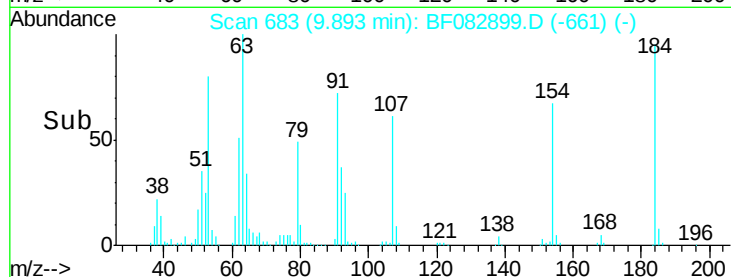
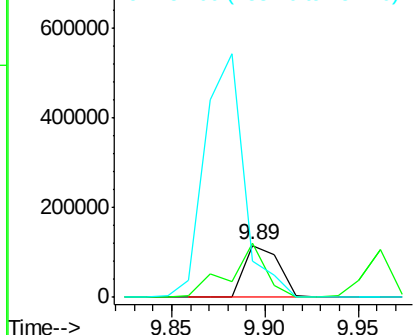
#53
 2,4-Dinitrophenol
 Concen: 30.56 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

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

Tgt Ion:184 Resp: 151777
 Ion Ratio Lower Upper
 184 100
 63 105.3 98.6 148.0
 154 69.7 183.9 275.9#

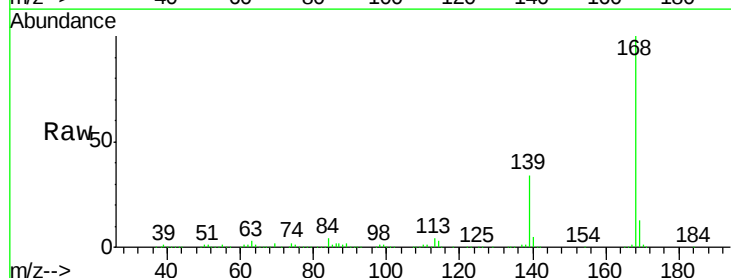


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

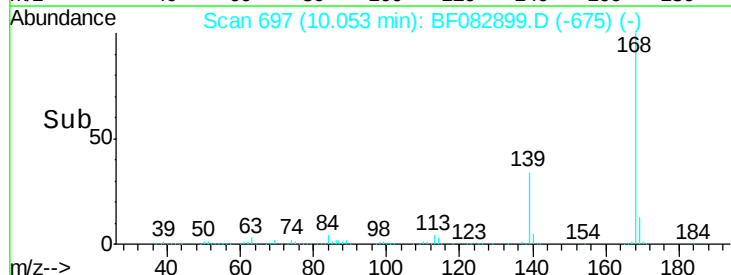
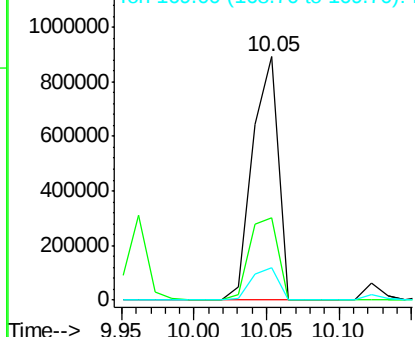


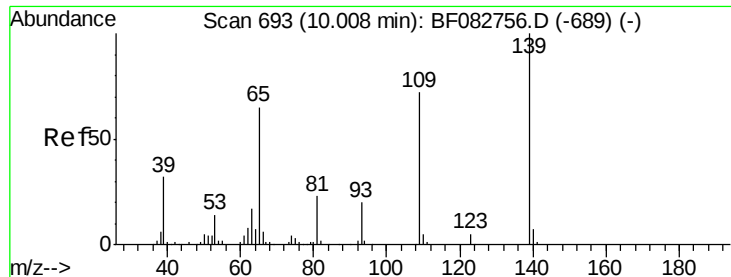
#54
 Dibenzofuran
 Concen: 23.49 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:168 Resp: 1089677
 Ion Ratio Lower Upper
 168 100
 139 33.8 37.8 56.6#
 169 13.5 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

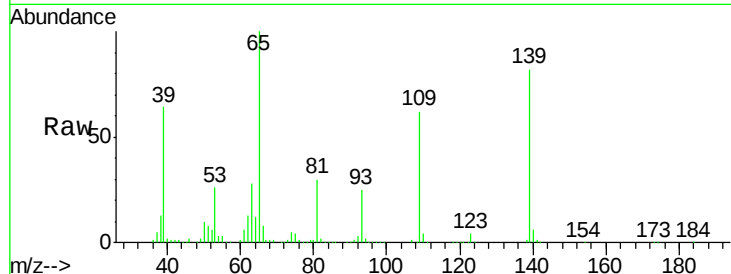




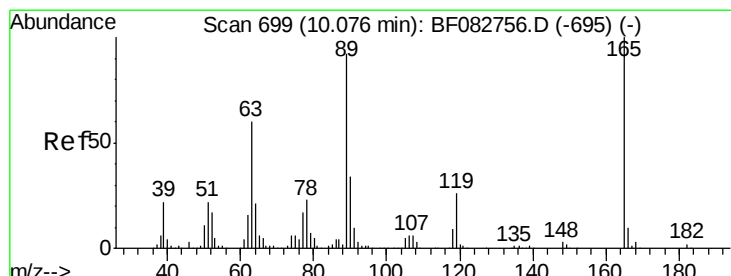
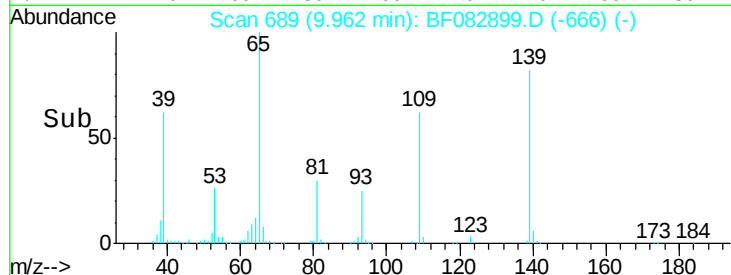
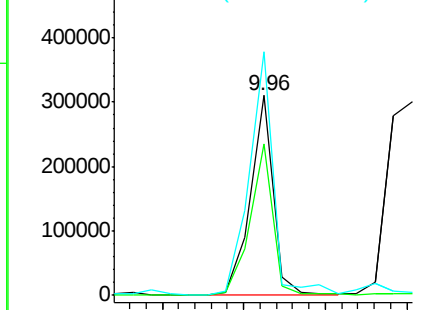
#55
4-Nitrophenol
Concen: 39.66 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

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

Tgt Ion:139 Resp: 302711
Ion Ratio Lower Upper
139 100
109 76.0 73.7 113.7
65 121.9 82.9 122.9

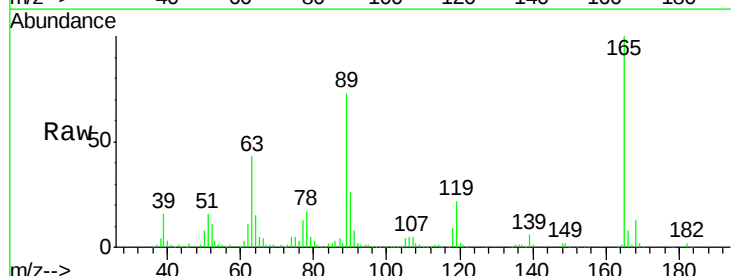


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

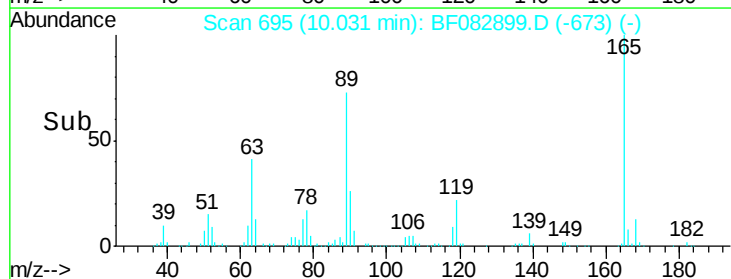
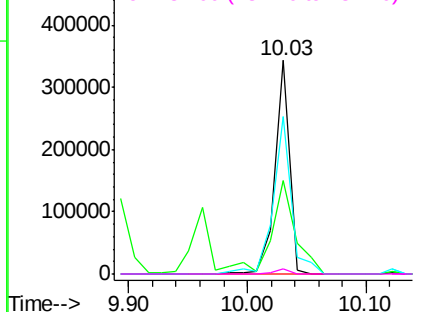


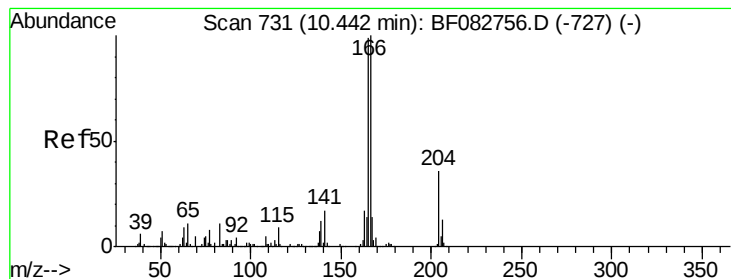
#56
2,4-Dinitrotoluene
Concen: 24.01 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:165 Resp: 294668
Ion Ratio Lower Upper
165 100
63 43.5 43.4 65.0
89 73.5 70.6 106.0
182 2.2 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: 22.25 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

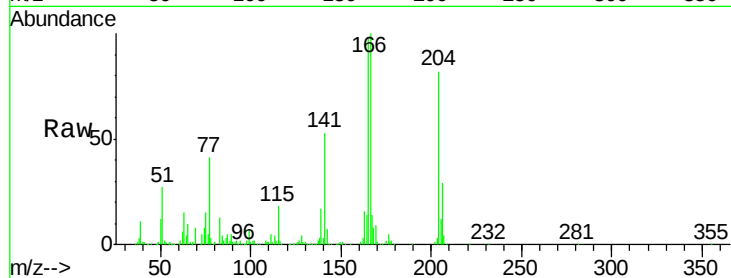
Tgt Ion:166 Resp: 835701

Ion Ratio Lower Upper

166 100

165 97.7 80.2 120.4

167 14.2 11.2 16.8

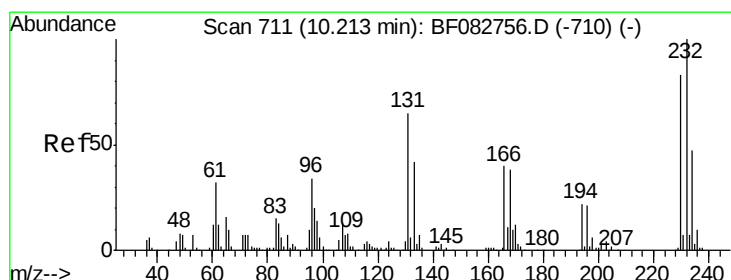
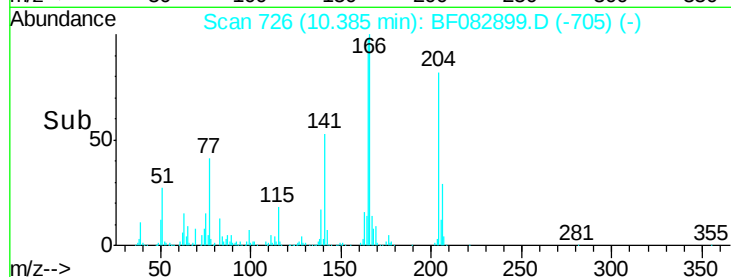
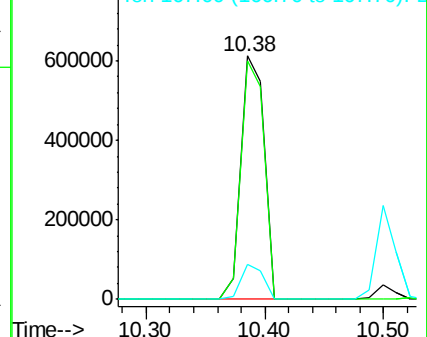


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.54 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion:232 Resp: 230983

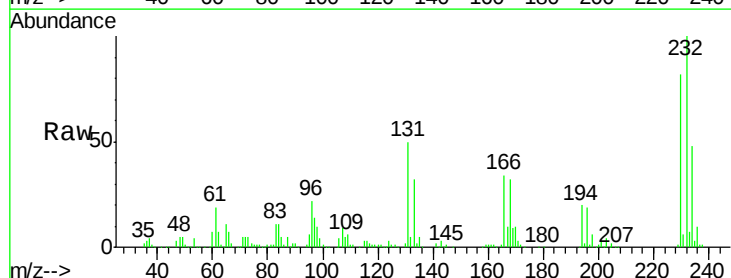
Ion Ratio Lower Upper

232 100

131 49.5 46.2 69.2

130 2.3 2.4 3.6#

166 33.3 28.2 42.2



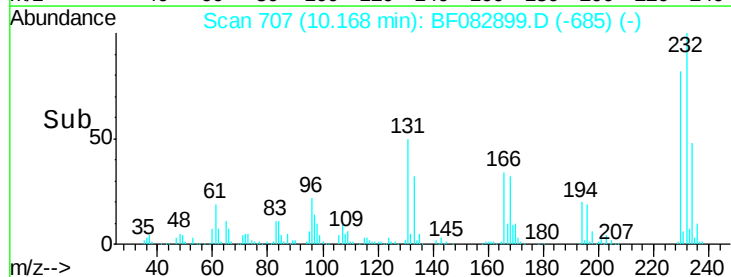
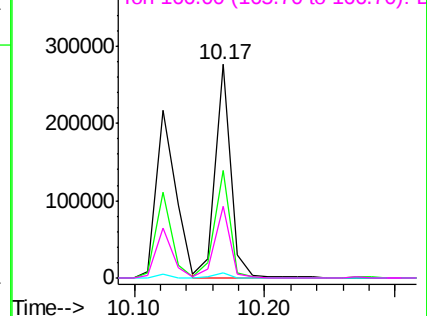
Abundance

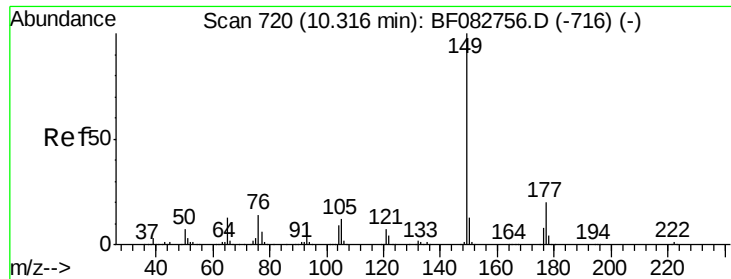
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

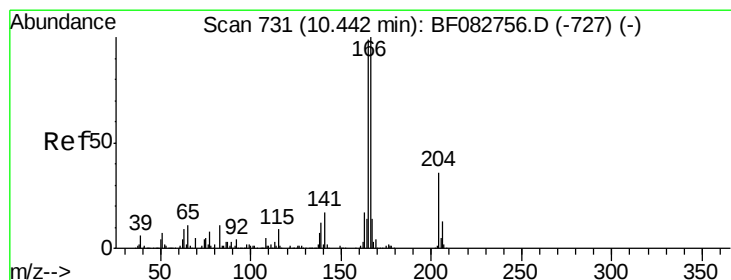
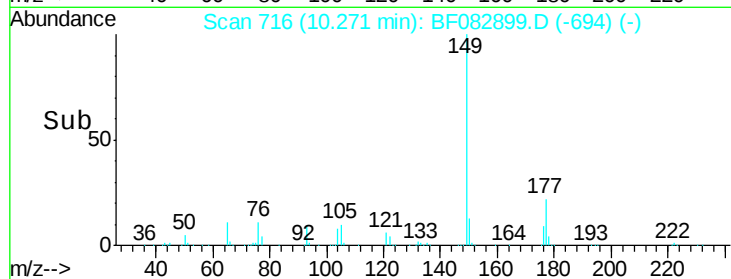
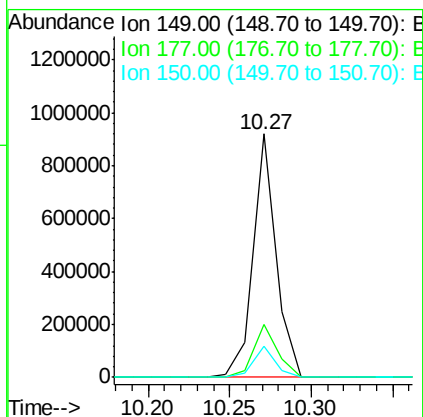
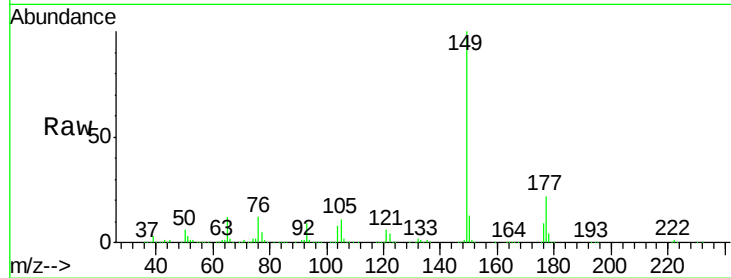




#59
Diethylphthalate
Concen: 21.79 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

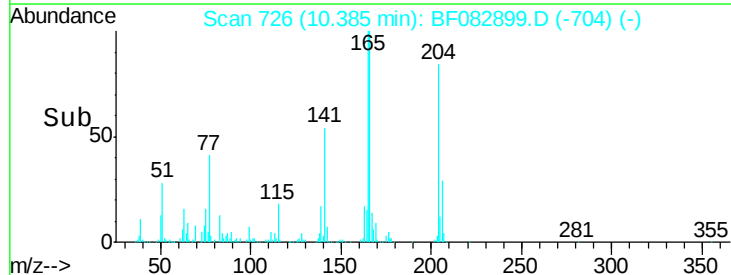
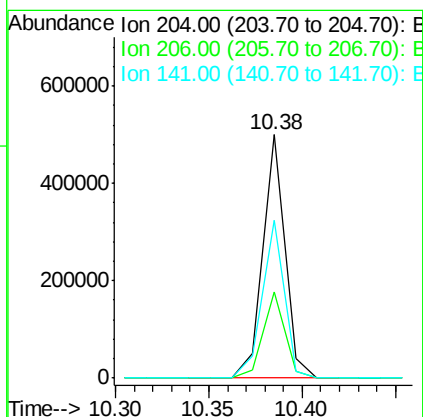
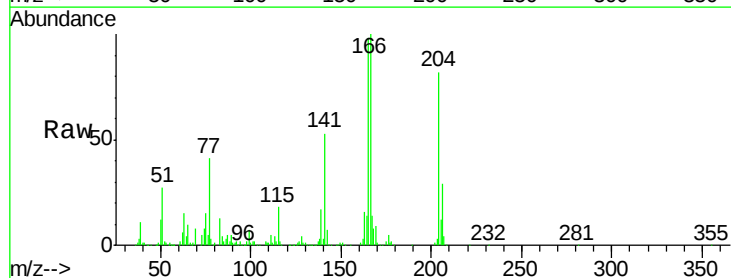
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

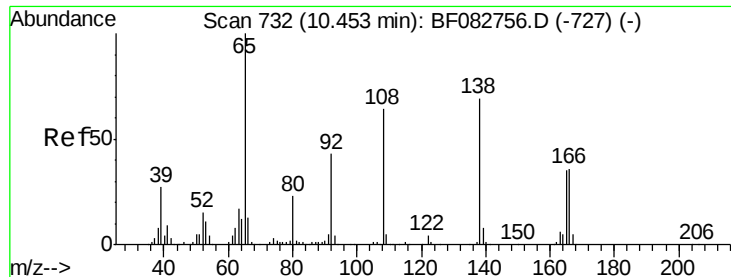
Tgt Ion:149 Resp: 901989
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.62 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:204 Resp: 406426
Ion Ratio Lower Upper
204 100
206 35.3 28.5 42.7
141 64.8 44.6 66.8

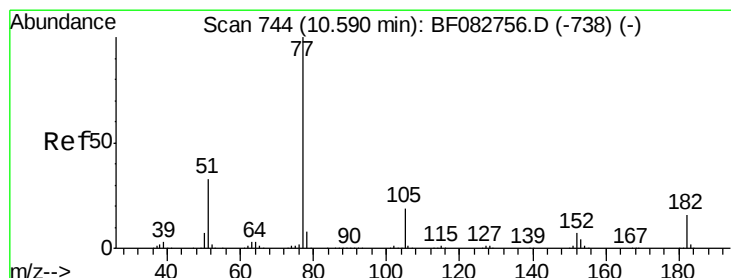
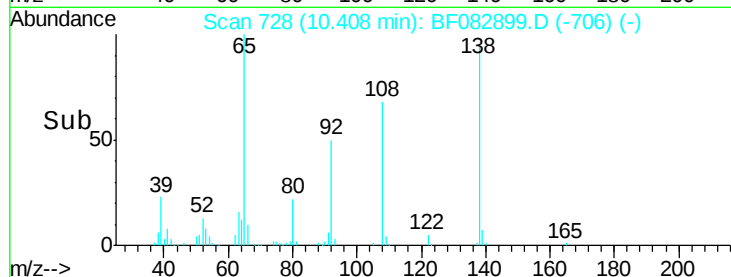
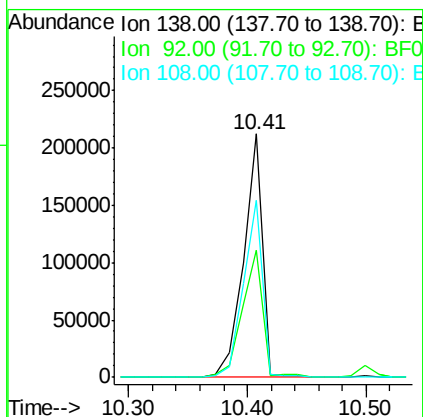
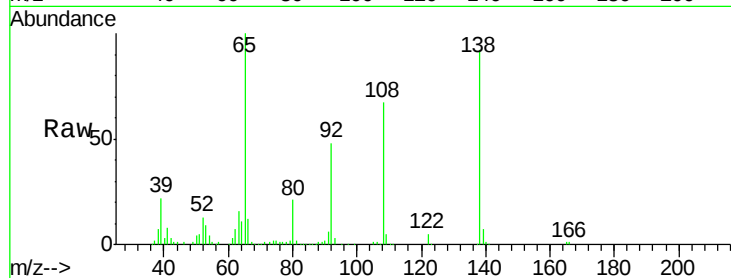




#61
4-Nitroaniline
Concen: 23.46 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

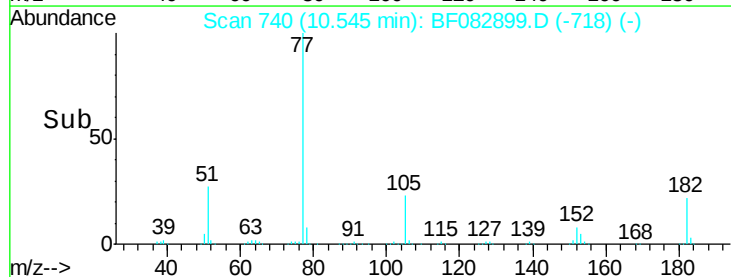
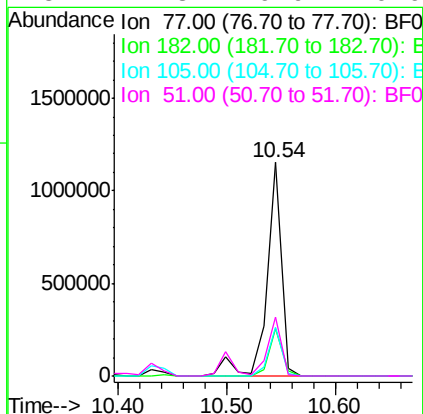
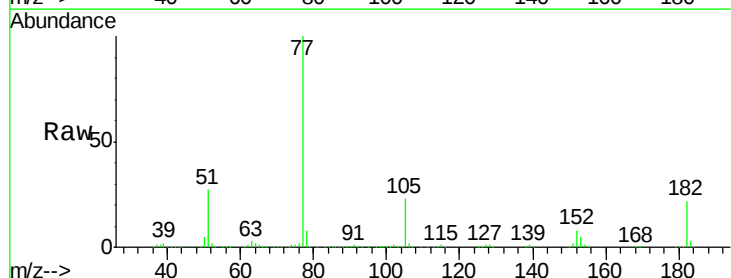
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

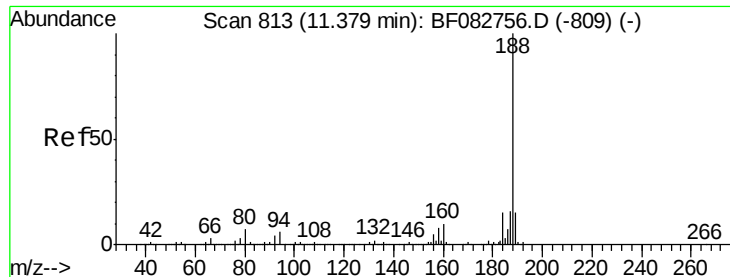
Tgt Ion:138 Resp: 234747
Ion Ratio Lower Upper
138 100
92 52.3 45.8 85.8
108 72.8 89.4 129.4#



#62
Azobenzene
Concen: 24.92 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion: 77 Resp: 1108204
Ion Ratio Lower Upper
77 100
182 22.0 9.3 49.3
105 22.8 2.6 42.6
51 27.3 9.9 49.9

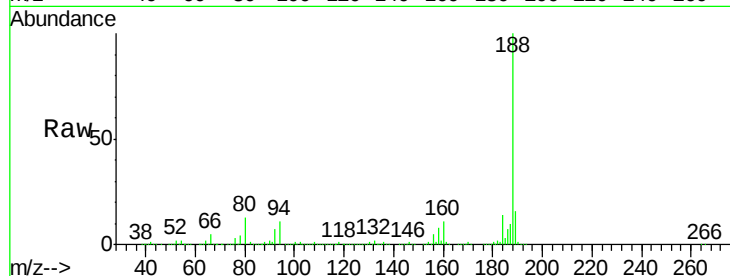




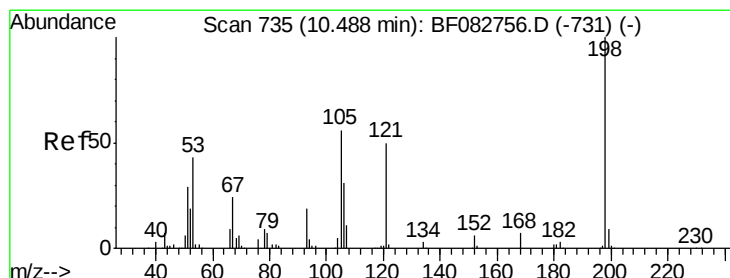
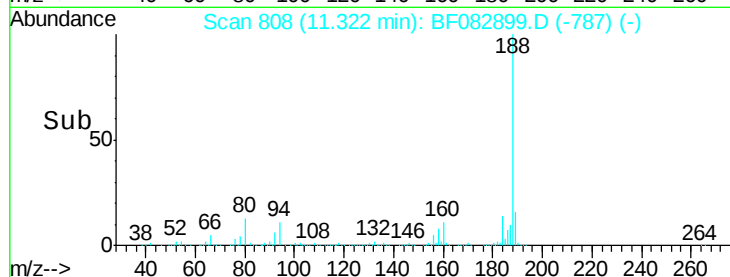
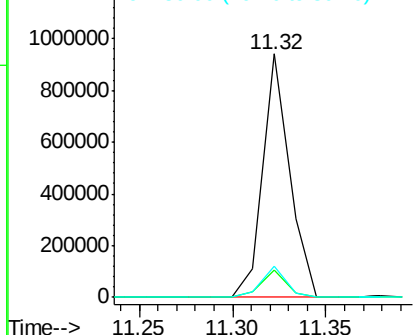
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

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

Tgt Ion:188 Resp: 930791
Ion Ratio Lower Upper
188 100
94 11.1 6.1 9.1#
80 12.7 7.0 10.6#

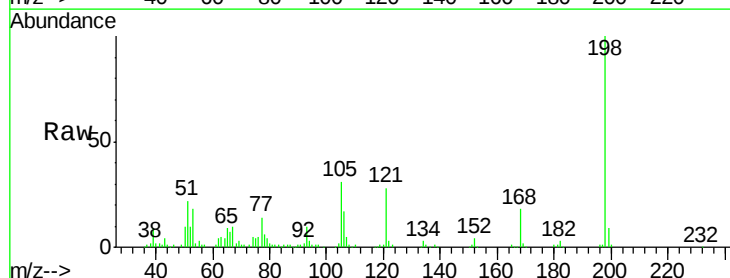


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

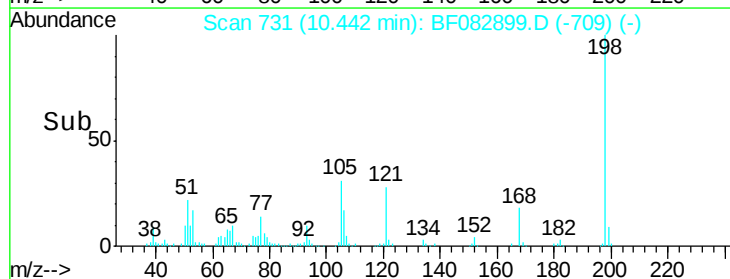
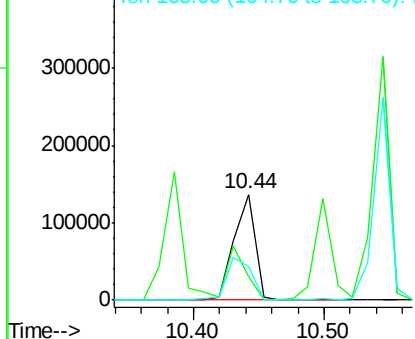


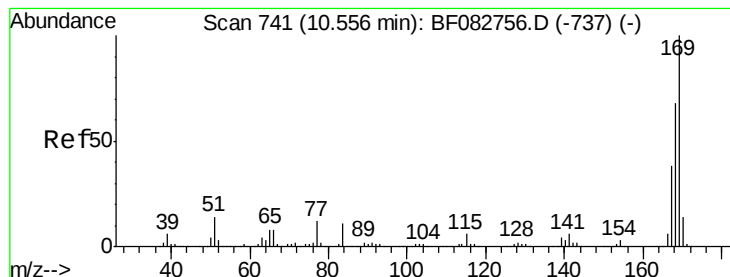
#64
4,6-Dinitro-2-methylphenol
Concen: 22.83 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:198 Resp: 151374
Ion Ratio Lower Upper
198 100
51 22.3 17.3 57.3
105 31.3 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

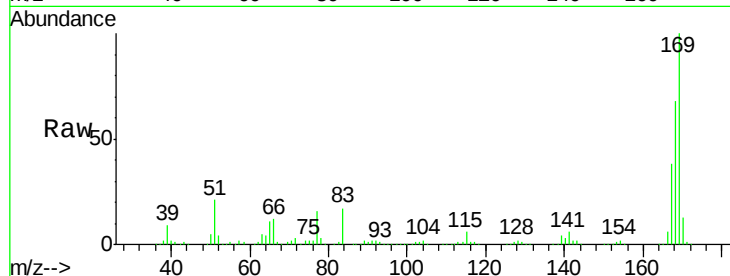




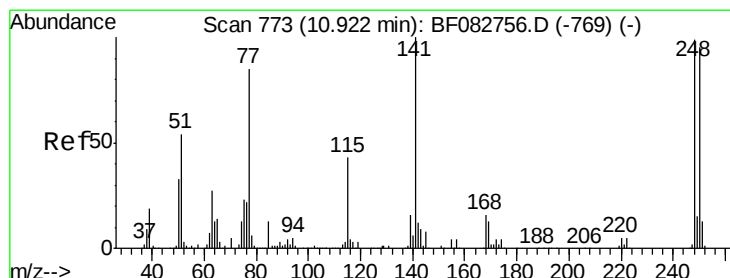
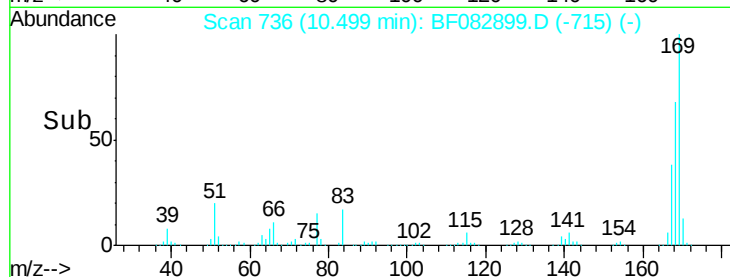
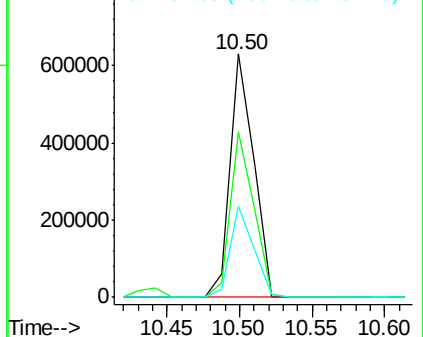
#65
n-Nitrosodiphenylamine
Concen: 21.13 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

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

Tgt Ion:169 Resp: 710686
Ion Ratio Lower Upper
169 100
168 68.1 55.0 82.6
167 37.6 30.5 45.7

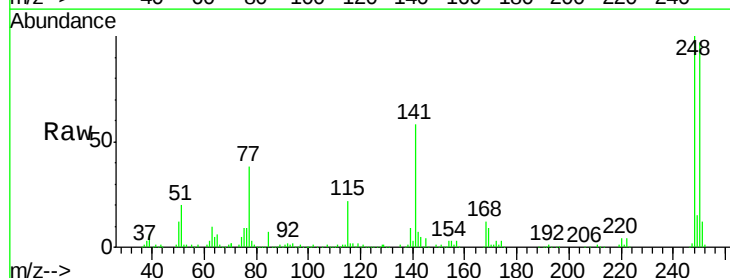


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

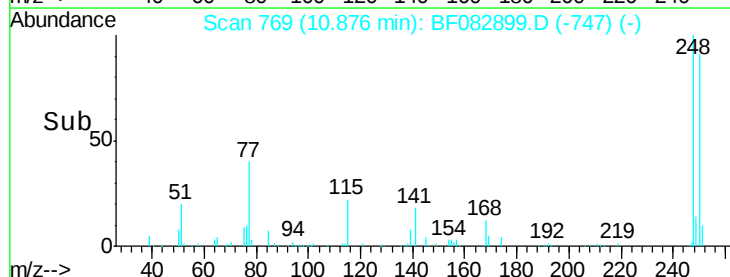
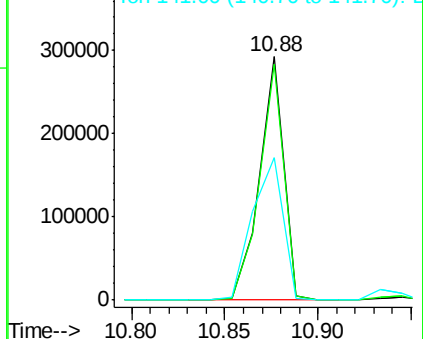


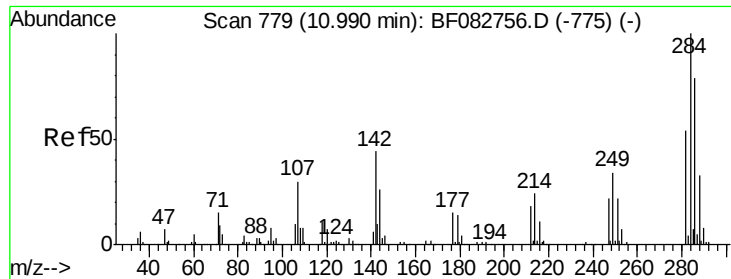
#66
4-Bromophenyl-phenylether
Concen: 23.30 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:248 Resp: 261119
Ion Ratio Lower Upper
248 100
250 97.1 79.4 119.2
141 58.5 36.3 54.5#



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

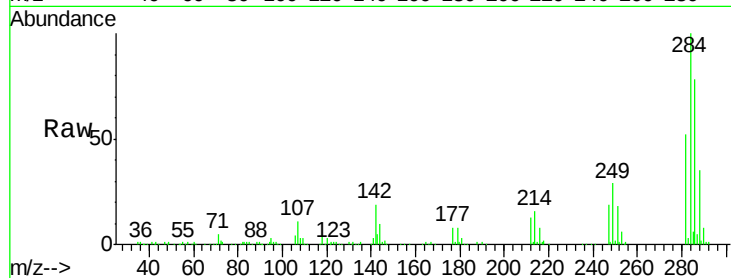




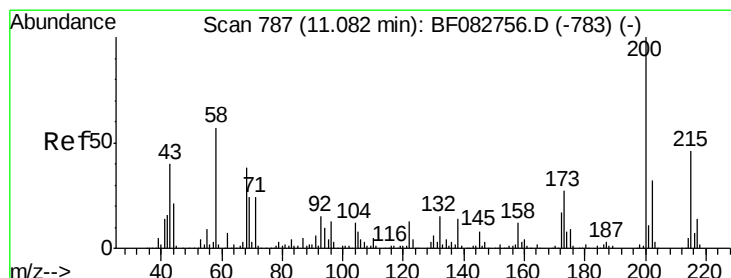
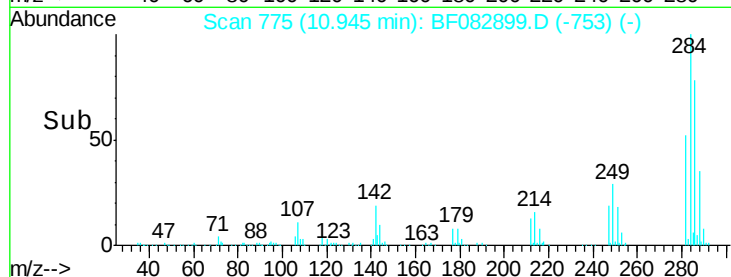
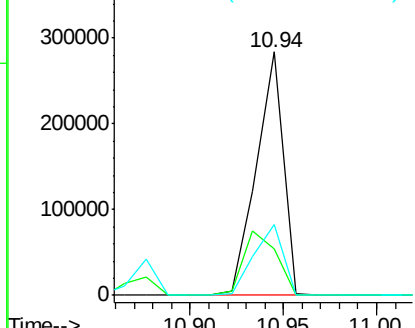
#67
Hexachlorobenzene
Concen: 22.68 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

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

Tgt Ion	Ratio	Lower	Upper
284	100		
142	19.1	47.9	71.9#
249	29.2	29.7	44.5#

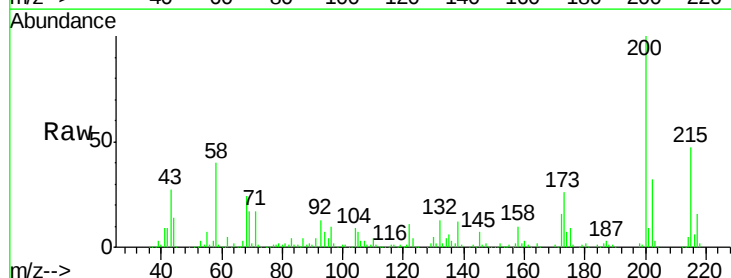


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

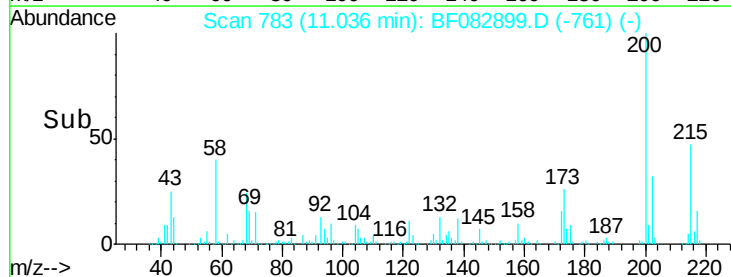
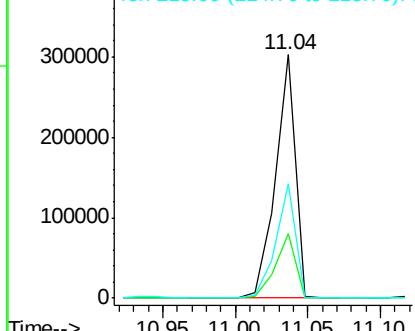


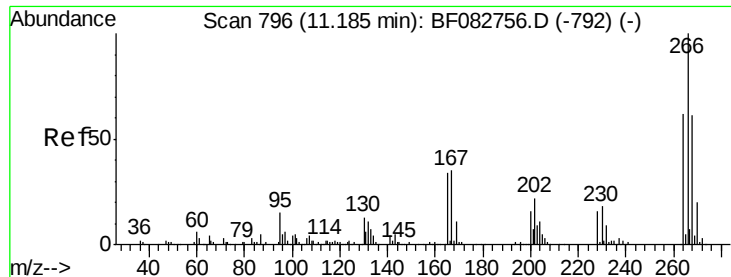
#68
Atrazine
Concen: 27.56 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	47.1	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

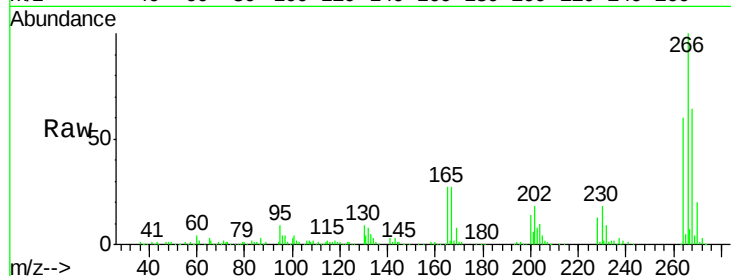




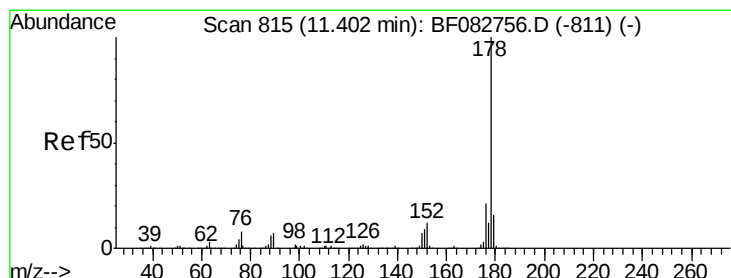
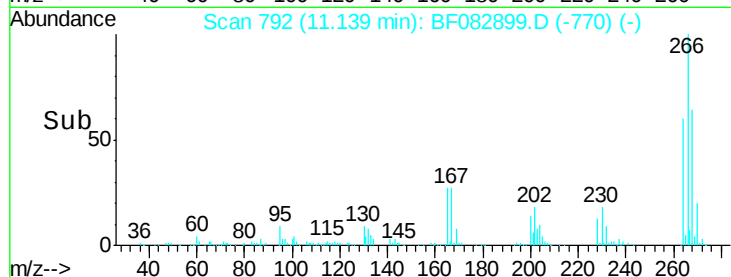
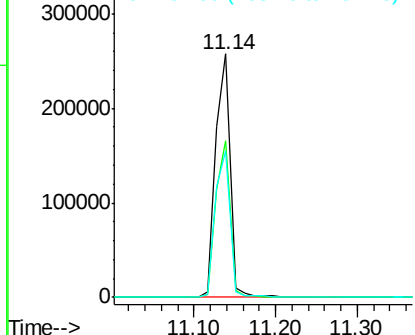
#69
 Pentachlorophenol
 Concen: 42.34 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

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

Tgt Ion:266 Resp: 321771
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.0 76.6
 264 60.3 50.6 75.8

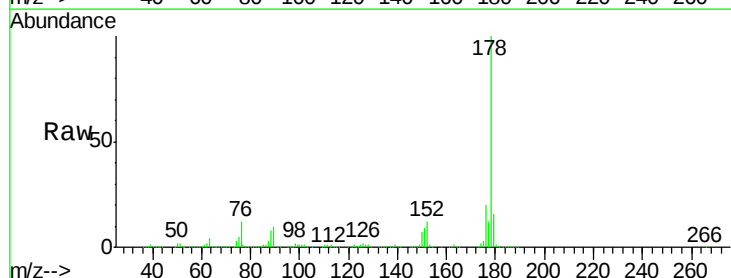


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

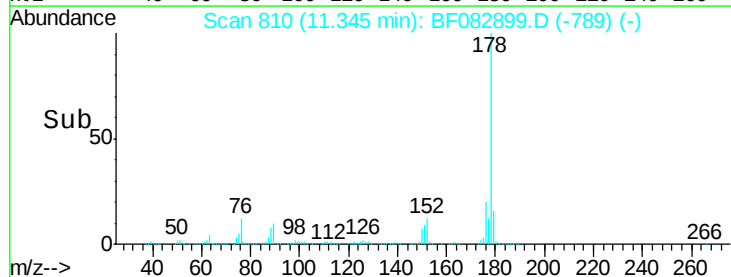
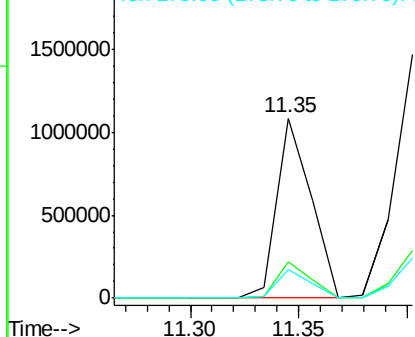


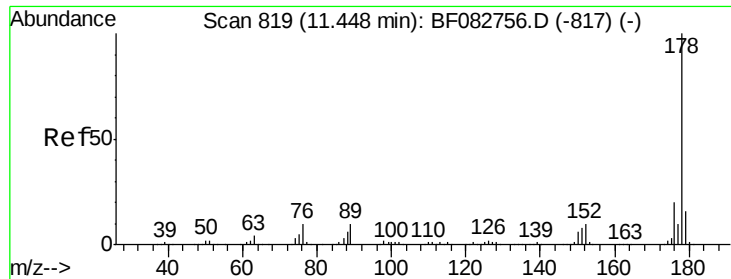
#70
 Phenanthrene
 Concen: 22.08 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:178 Resp: 1193685
 Ion Ratio Lower Upper
 178 100
 176 20.1 17.0 25.4
 179 16.1 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

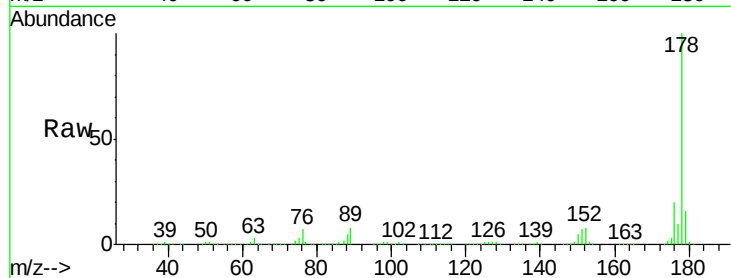




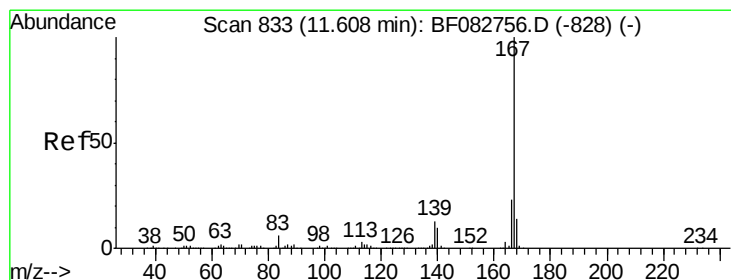
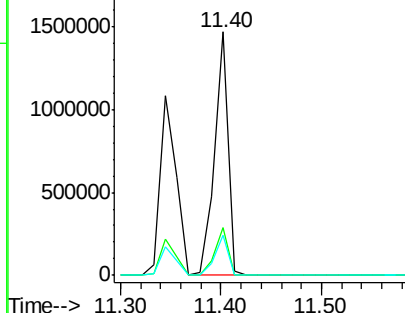
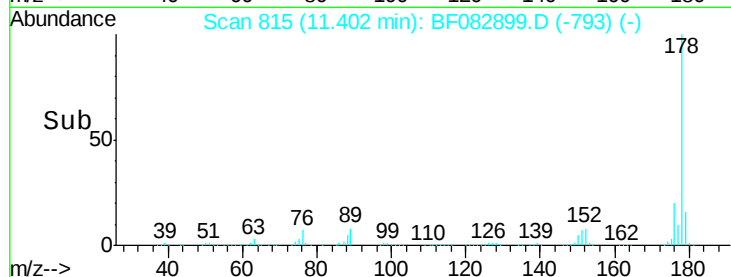
#71
 Anthracene
 Concen: 23.93 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

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

Tgt Ion:178 Resp: 1362749
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 16.2 13.2 19.8

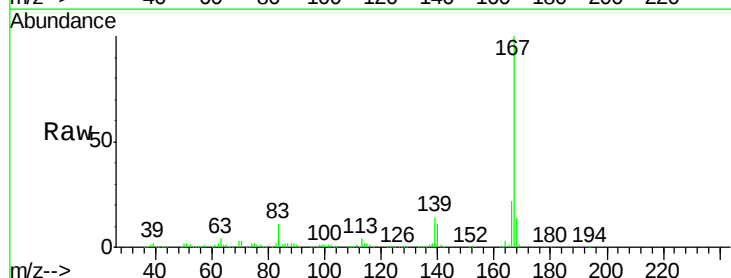


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

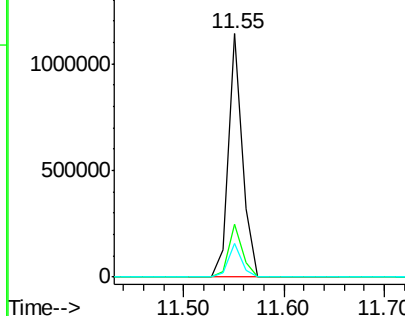
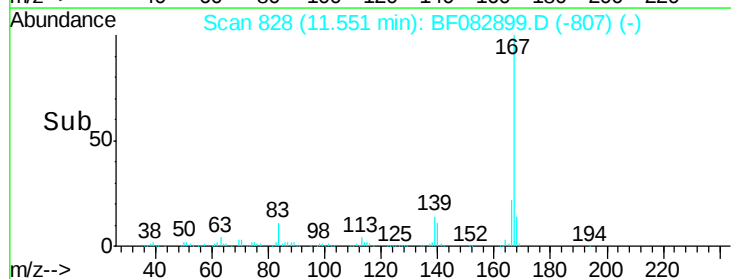


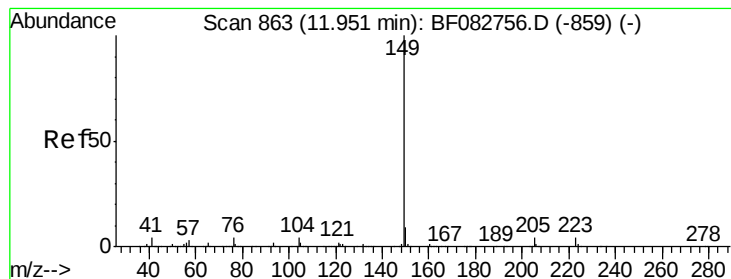
#72
 Carbazole
 Concen: 22.07 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:167 Resp: 1100009
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.7 28.1
 139 13.8 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: 22.14 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

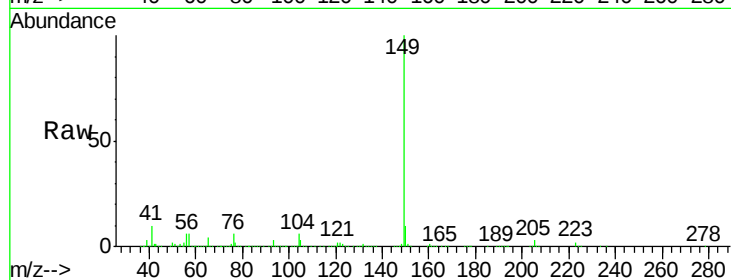
Tgt Ion:149 Resp: 1374828

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

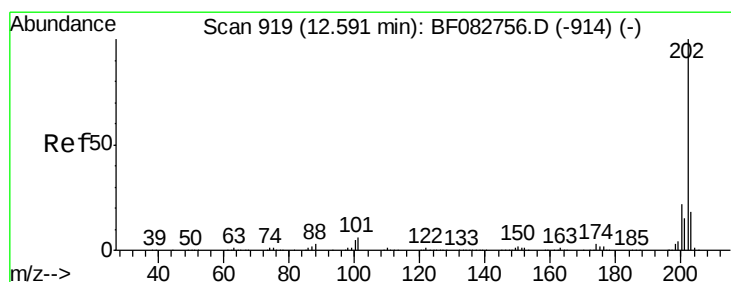
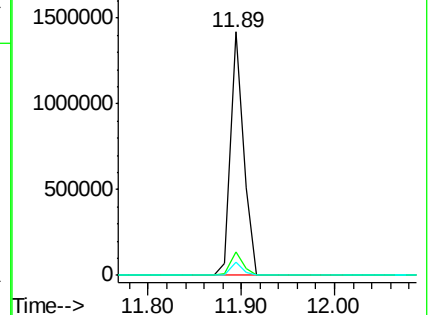
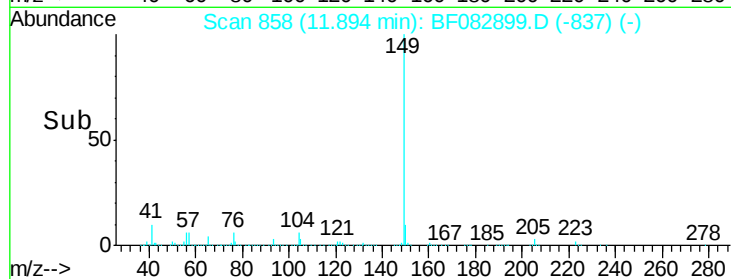
104 5.6 5.2 7.8



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: 23.01 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

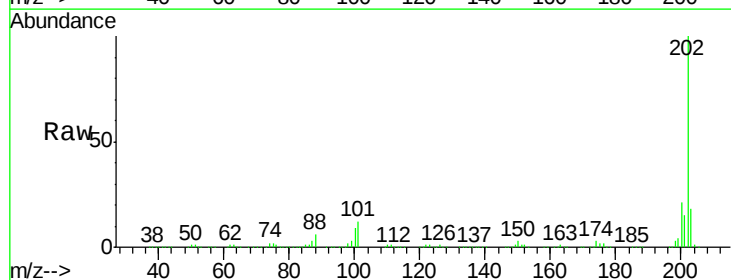
Tgt Ion:202 Resp: 1334547

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.5

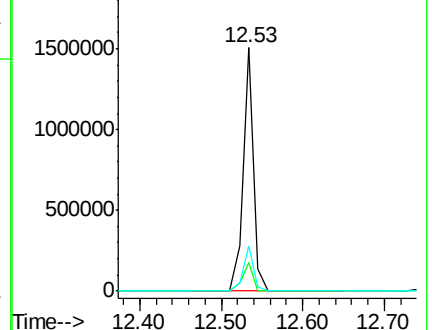
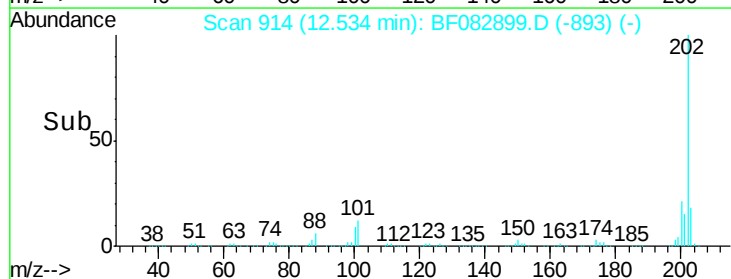
203 18.4 0.0 38.5

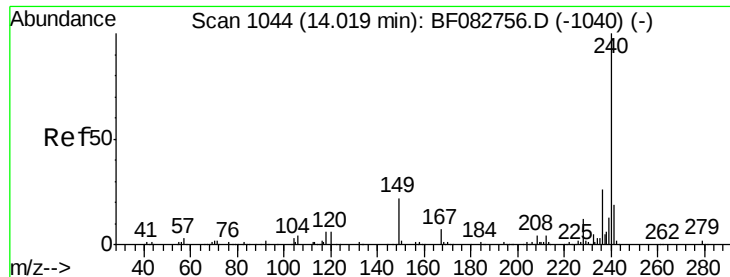


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

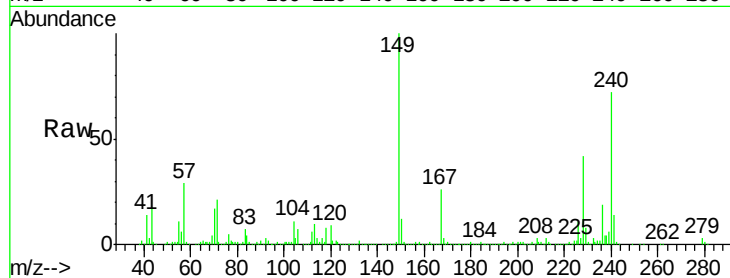
Tgt Ion:240 Resp: 795137

Ion Ratio Lower Upper

240 100

120 12.9 10.9 16.3

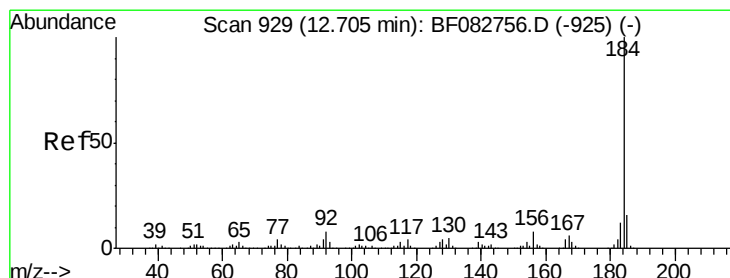
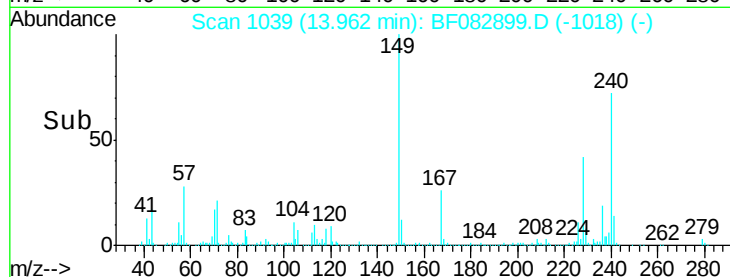
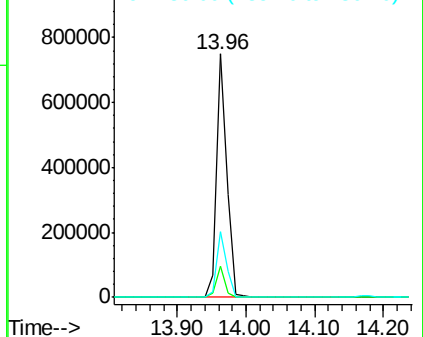
236 26.9 21.6 32.4



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: 22.93 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

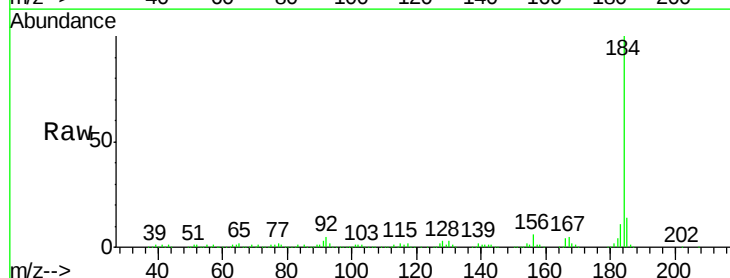
Tgt Ion:184 Resp: 611066

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

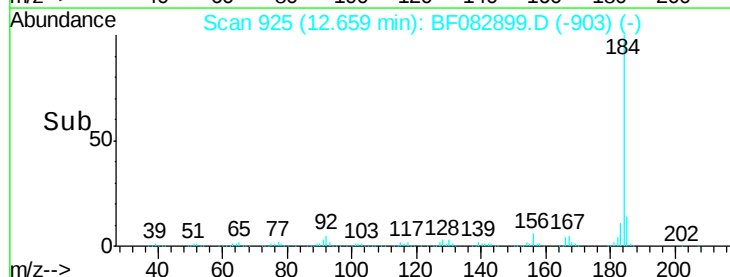
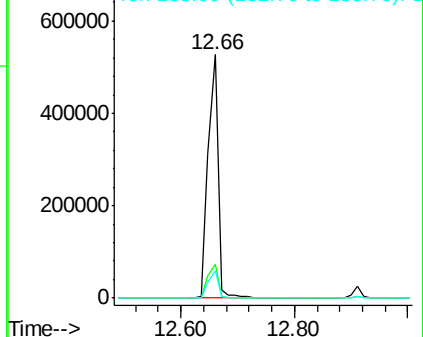
183 11.4 9.6 14.4

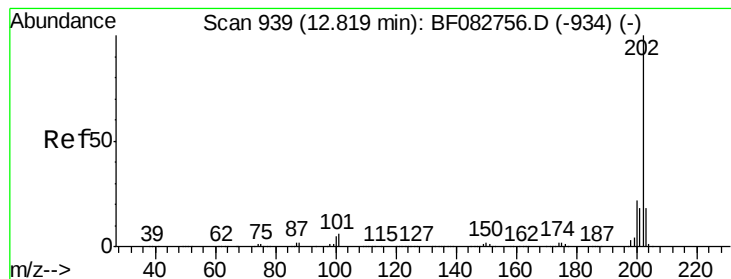


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 25.56 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

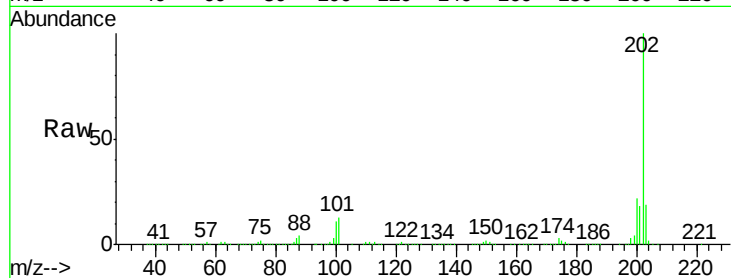
Tgt Ion:202 Resp: 1395764

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

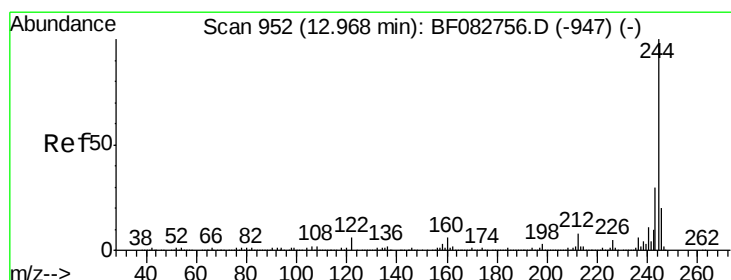
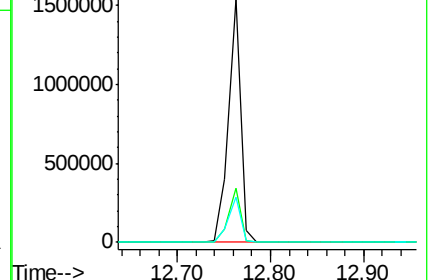
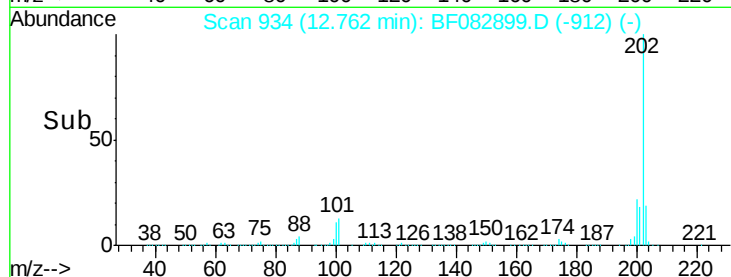
203 18.7 14.8 22.2



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: 45.86 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

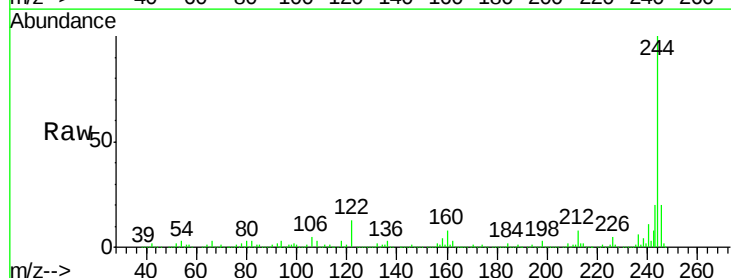
Tgt Ion:244 Resp: 1537432

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

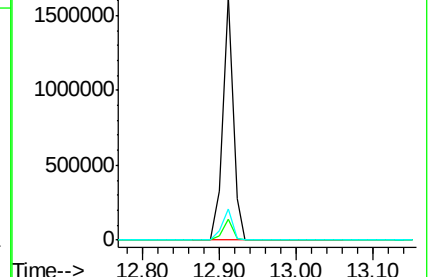
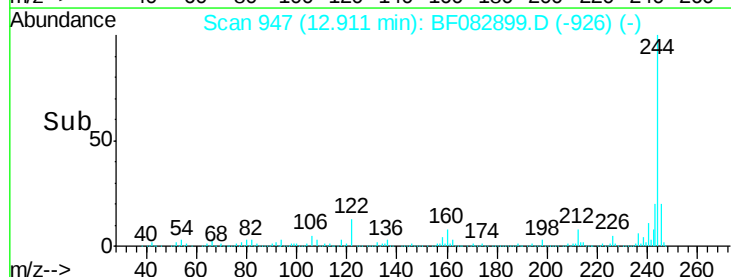
122 12.7 11.3 16.9

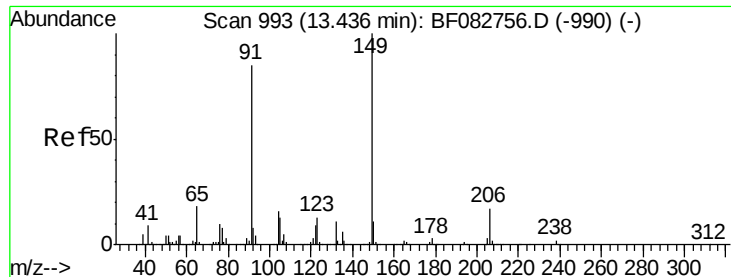


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

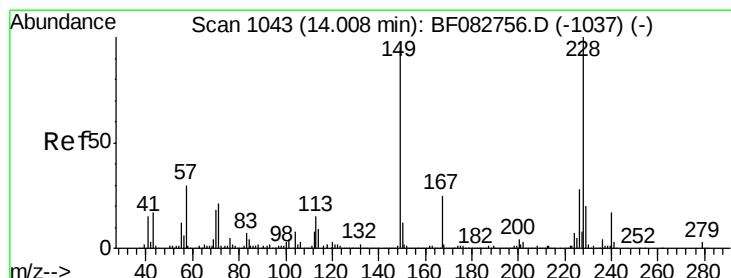
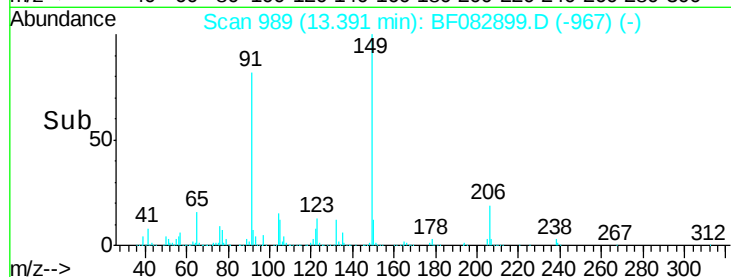
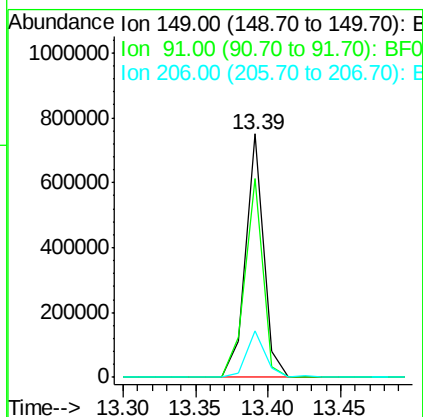
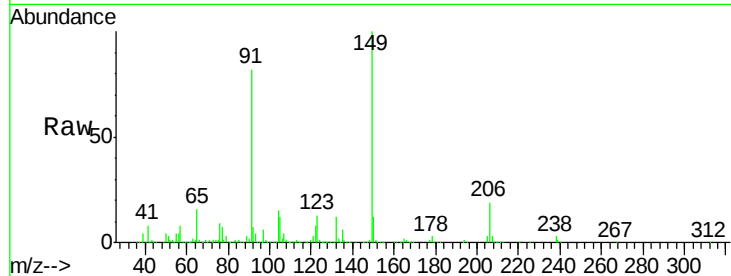




#79
Butylbenzylphthalate
Concen: 26.98 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

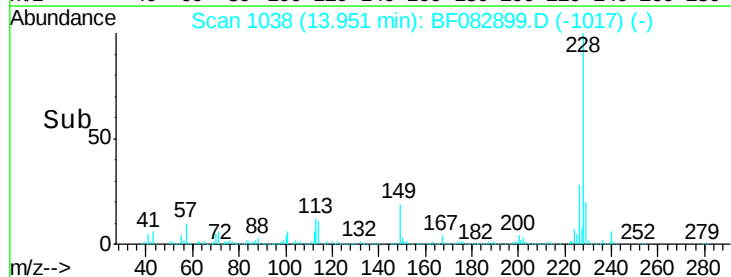
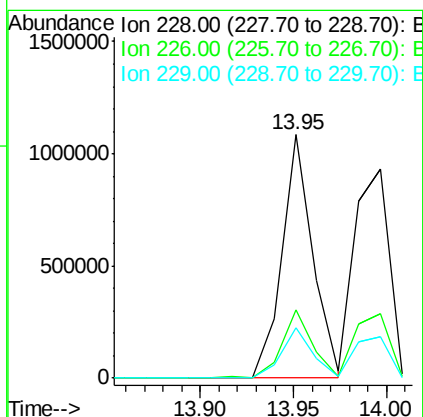
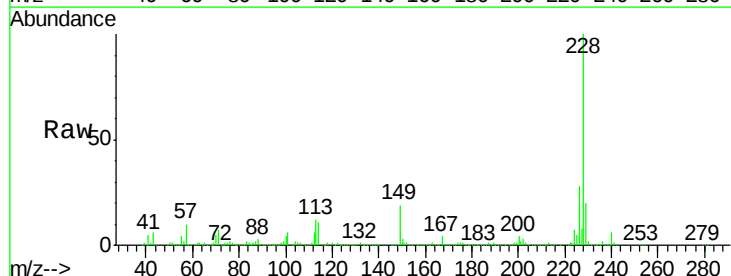
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

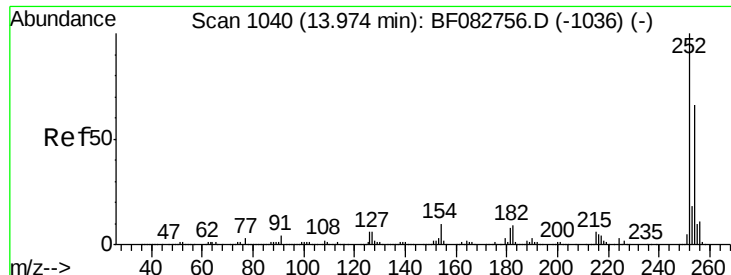
Tgt Ion:149 Resp: 650773
Ion Ratio Lower Upper
149 100
91 81.8 67.7 101.5
206 19.0 14.6 22.0



#80
Benzo(a)anthracene
Concen: 25.16 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:228 Resp: 1250918
Ion Ratio Lower Upper
228 100
226 27.9 23.4 35.2
229 20.4 16.3 24.5

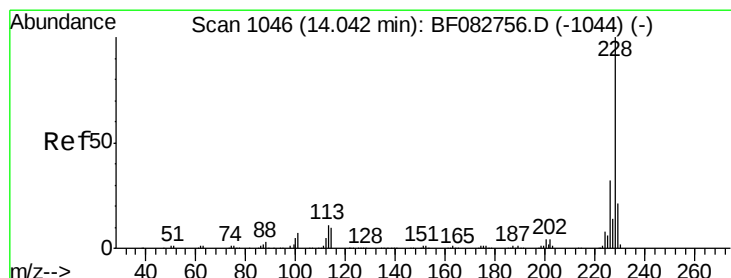
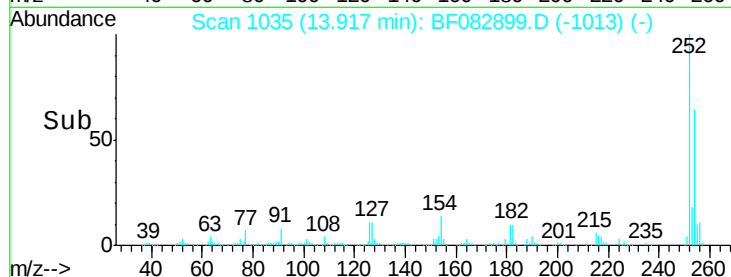
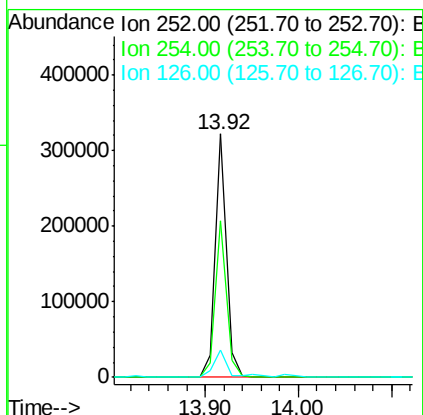
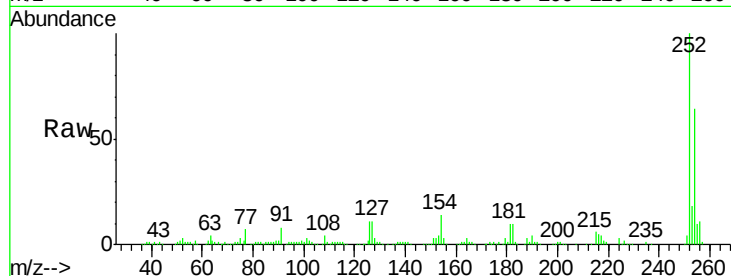




#81
 3,3'-Dichlorobenzidine
 Concen: 15.22 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

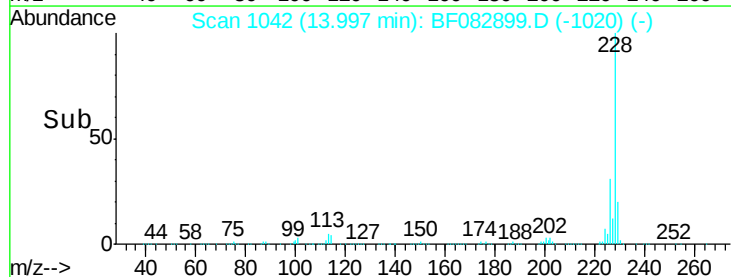
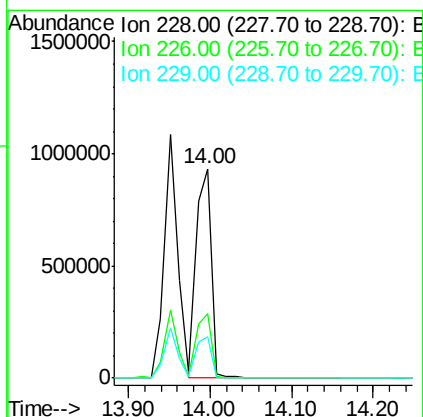
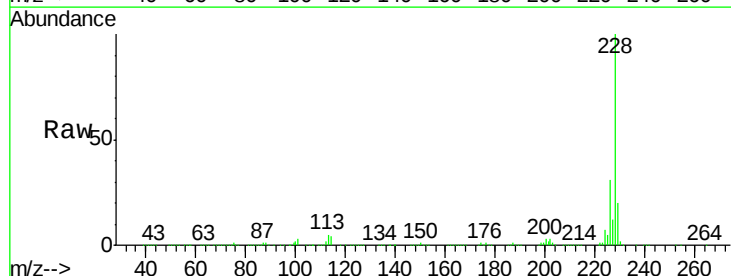
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

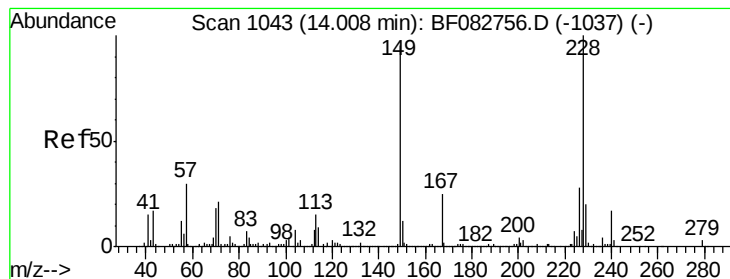
Tgt Ion:252 Resp: 269102
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.0
 126 11.2 10.7 16.1



#82
 Chrysene
 Concen: 26.54 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:228 Resp: 1208657
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.5 38.3
 229 20.0 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.76 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

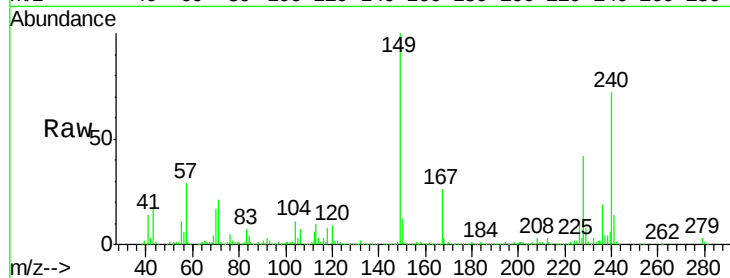
Tgt Ion:149 Resp: 916466

Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

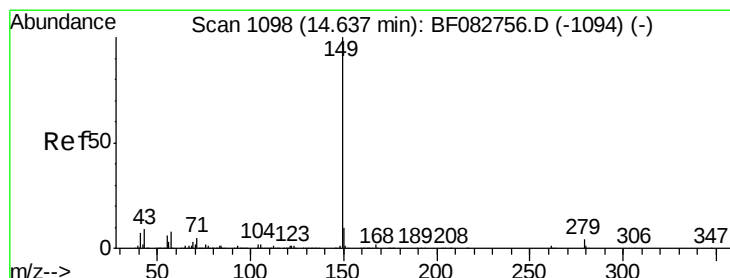
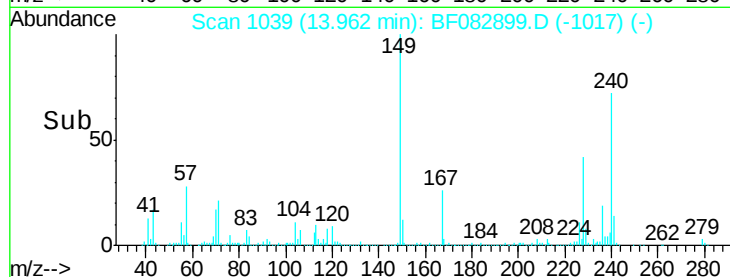
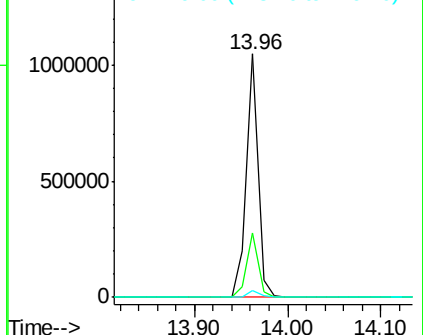
279 3.0 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 29.82 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

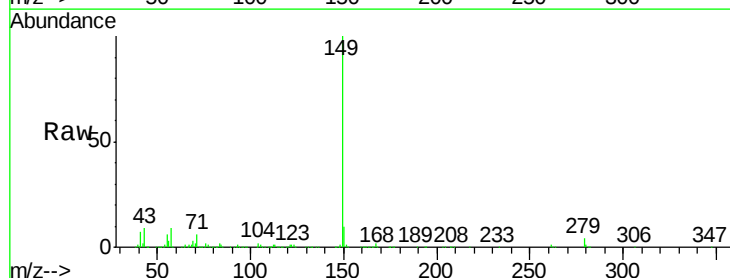
Tgt Ion:149 Resp: 1642274

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

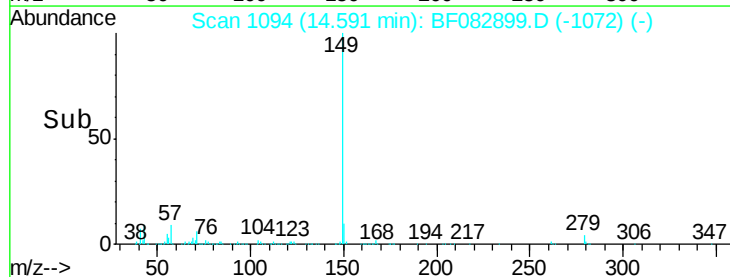
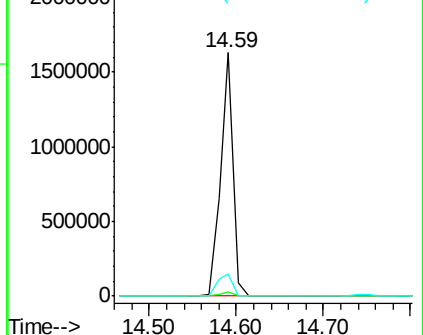
43 11.4 10.1 15.1

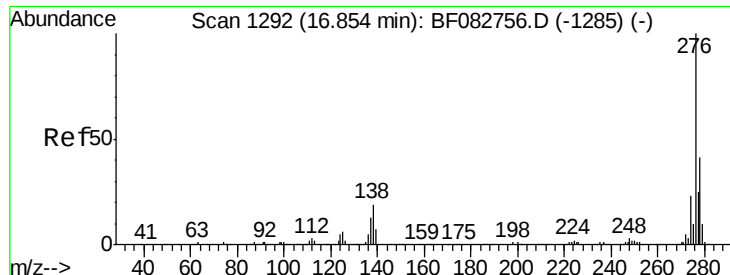


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.47 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

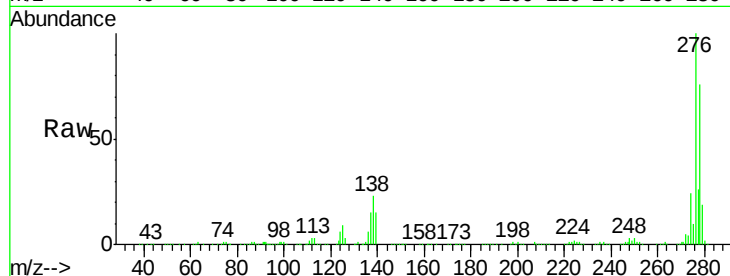
Tgt Ion:276 Resp: 1077400

Ion Ratio Lower Upper

276 100

138 24.3 15.3 22.9#

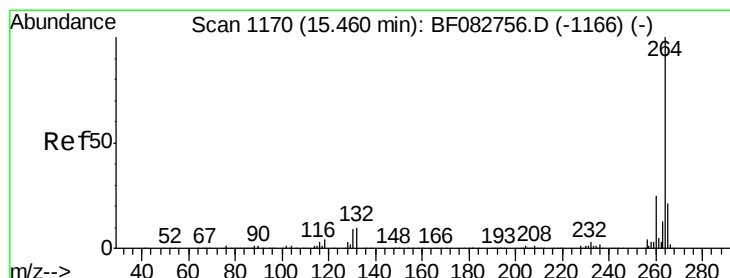
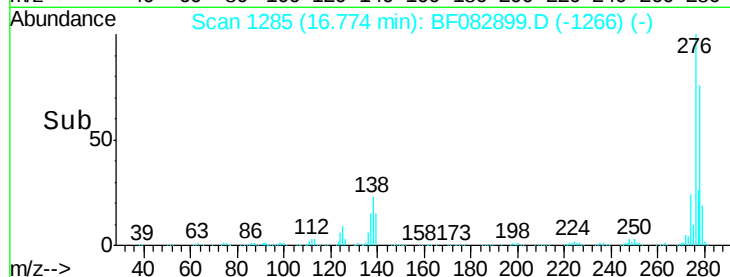
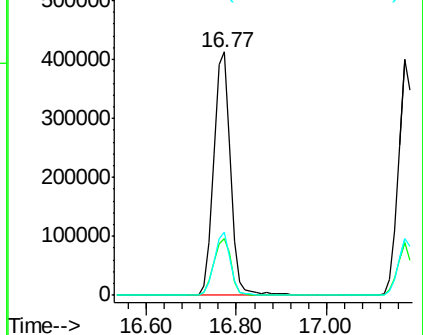
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

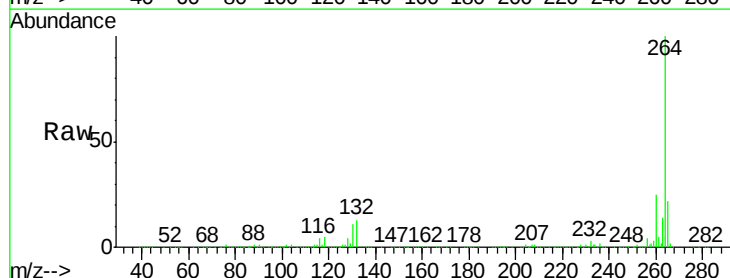
Tgt Ion:264 Resp: 839632

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

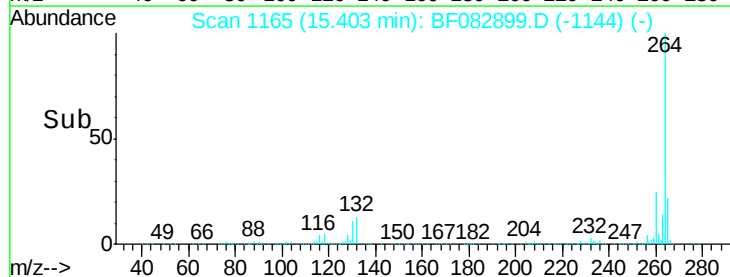
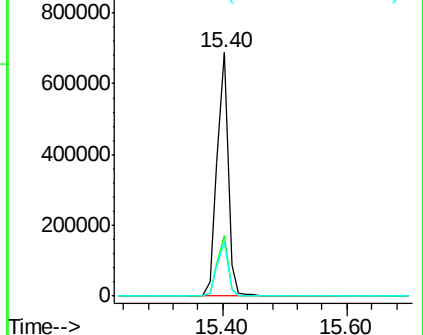
265 22.3 17.4 26.0

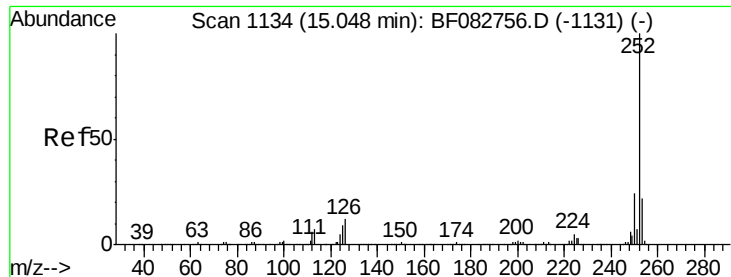


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.33 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

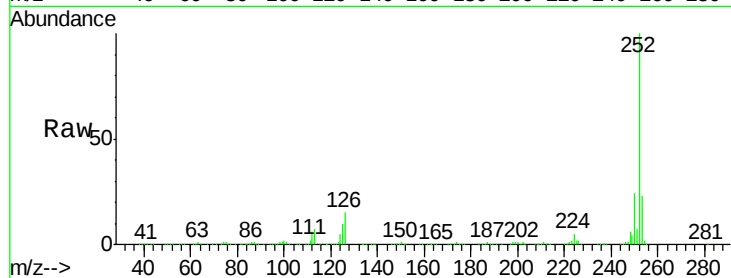
Tgt Ion:252 Resp: 2227551

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

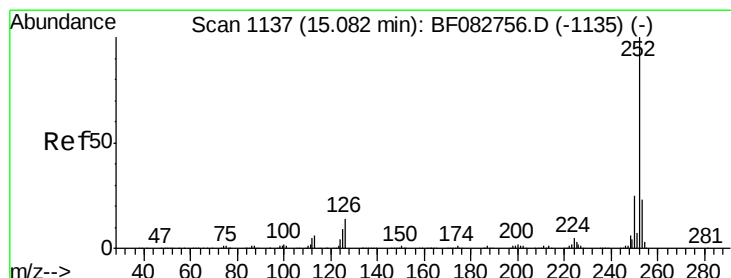
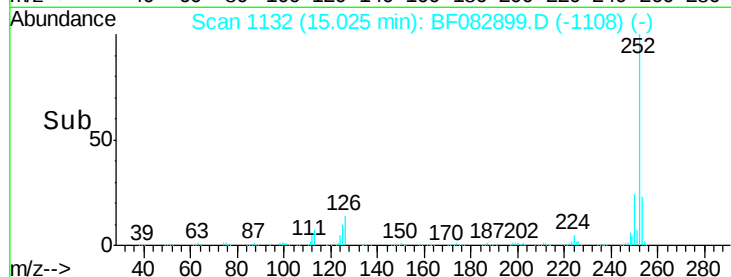
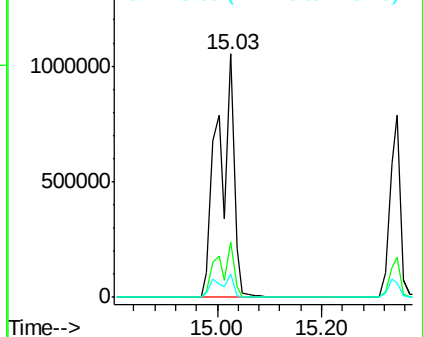
125 9.7 5.4 8.2#



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: 46.59 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

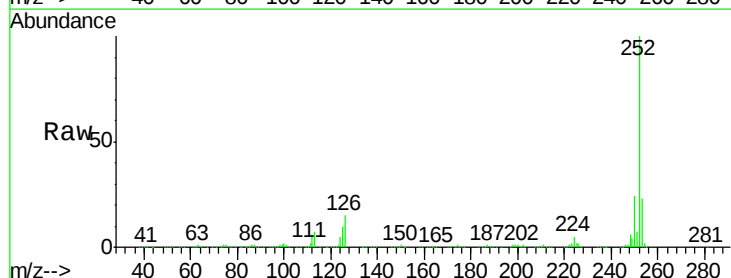
Tgt Ion:252 Resp: 2227551

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

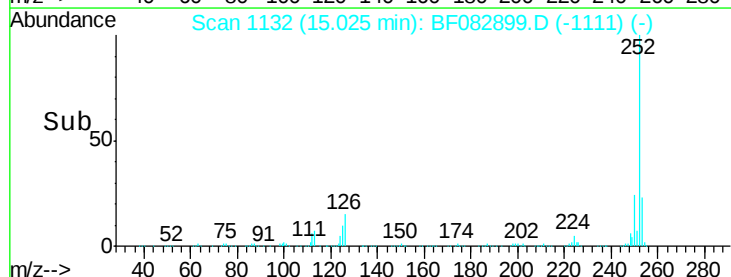
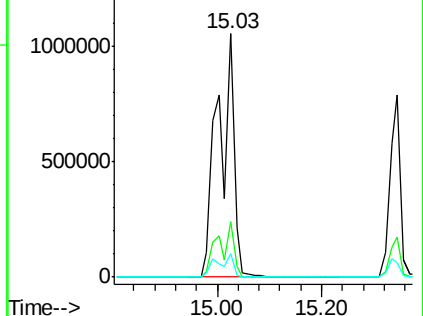
125 9.7 3.5 5.3#

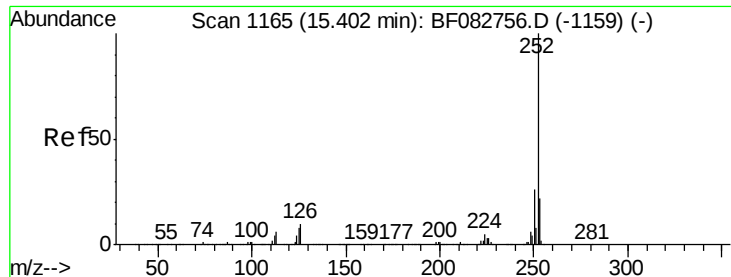


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 23.37 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

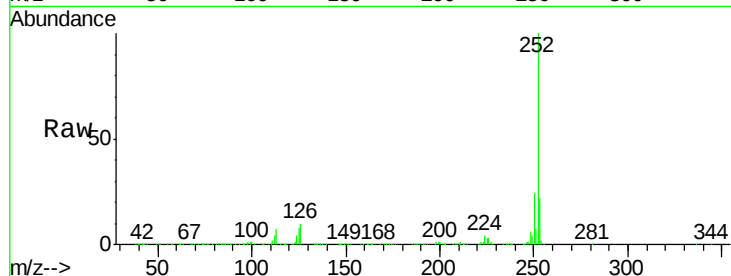
Tgt Ion:252 Resp: 1091361

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

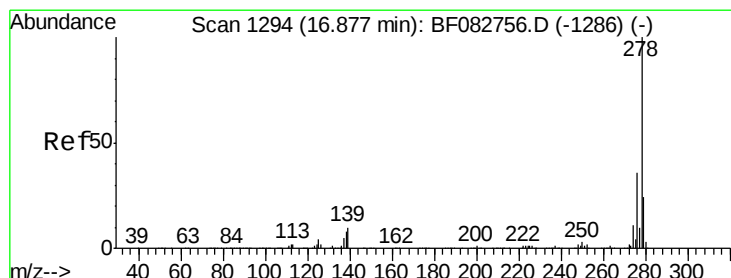
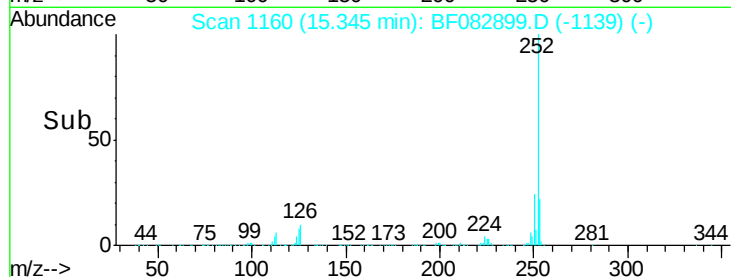
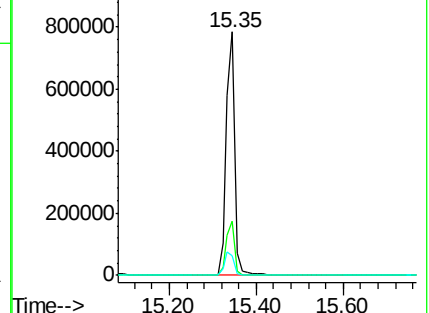
125 8.2 7.1 10.7



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: 22.88 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

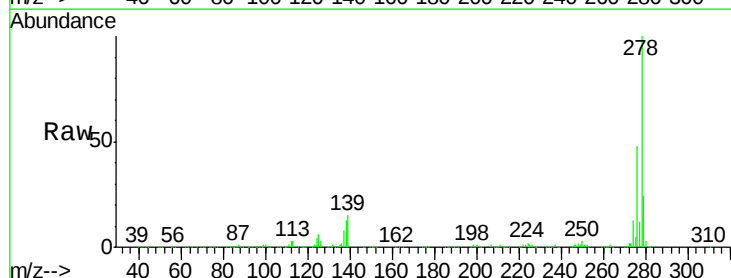
Tgt Ion:278 Resp: 904540

Ion Ratio Lower Upper

278 100

139 14.5 9.9 14.9

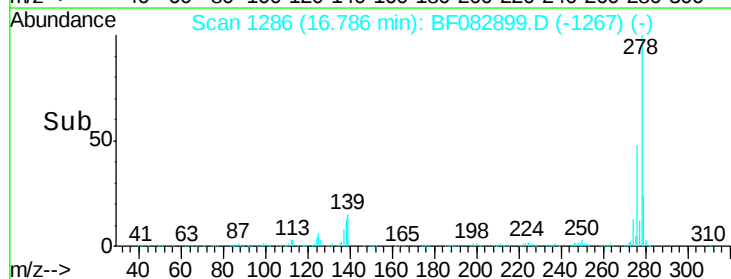
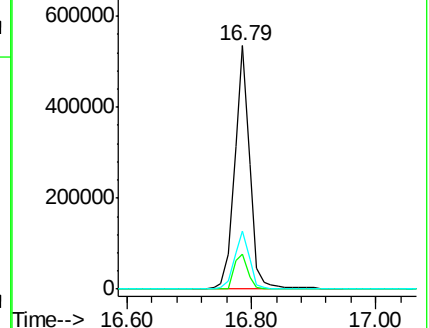
279 24.1 19.6 29.4

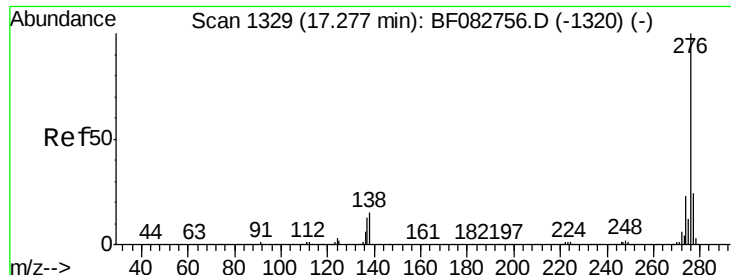


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.14 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF082899.D

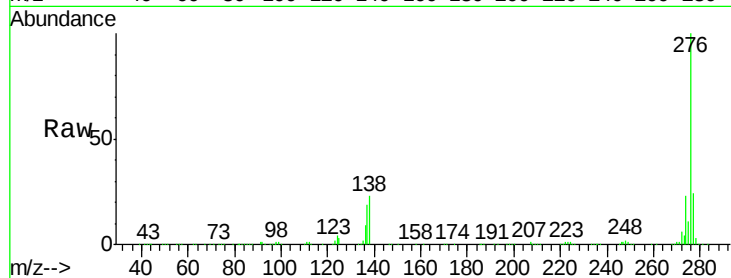
Acq: 13 Nov 2015 16:04

Instrument :

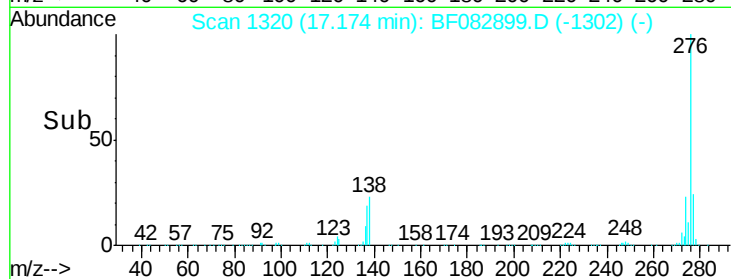
BNA_F

ClientSampleId :

SB-3-4-6FTMS



Tgt Ion:	276	Resp:	876181
Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	22.6	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

