

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089482.D
 Acq On : 31 Jul 2016 20:48
 Operator : UM/SJ
 Sample : H4251-07MSD 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:16:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	33603	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	108166	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	44556	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	85555	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	98693	20.00	ng	-0.06
86) Perylene-d12	14.94	264	79409	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	56510	26.85	ng	-0.05
7) Phenol-d6	6.16	99	64072	23.04	ng	-0.05
23) Nitrobenzene-d5	7.06	82	44377	24.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	9830	26.64	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	73954	24.36	ng	-0.06
78) Terphenyl-d14	12.57	244	71492	16.95	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.86	88	7635	4.93	ng	91
3) Pyridine	2.51	79	12314	5.98	ng	# 81
4) n-Nitrosodimethylamine	2.48	42	4011	11.70	ng	# 70
6) Aniline	6.17	93	13348	4.44	ng	# 15
8) 2-Chlorophenol	6.28	128	20852	8.76	ng	94
9) Benzaldehyde	6.04	77	10146	7.47	ng	98
10) Phenol	6.17	94	27161	8.85	ng	99
11) bis(2-Chloroethyl)ether	6.24	93	24686	9.47	ng	99
12) 1,3-Dichlorobenzene	6.51	146	21336	8.57	ng	95
13) 1,4-Dichlorobenzene	6.51	146	25072	9.12	ng	96
14) 1,2-Dichlorobenzene	6.66	146	23672	9.20	ng	98
15) Benzyl Alcohol	6.66	79	15785	9.15	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.79	45	25581	8.99	ng	91
17) 2-Methylphenol	6.79	107	13136	7.14	ng	# 78
18) Hexachloroethane	7.00	117	7693	7.30	ng	# 79
19) n-Nitroso-di-n-propylamine	6.91	70	15172	9.05	ng	# 86
20) 3+4-Methylphenols	6.95	107	16038	6.79	ng	91
22) Acetophenone	6.91	105	27305	10.60	ng	# 91
24) Nitrobenzene	7.08	77	24770	11.88	ng	92
25) Isophorone	7.32	82	39184	10.61	ng	97
26) 2-Nitrophenol	7.40	139	7979	8.56	ng	# 76
27) 2,4-Dimethylphenol	7.46	122	15989	10.76	ng	99
28) bis(2-Chloroethoxy)methane	7.55	93	22118	10.82	ng	96
29) 2,4-Dichlorophenol	7.67	162	12273	9.07	ng	97
30) 1,2,4-Trichlorobenzene	7.72	180	16752	10.85	ng	93
31) Naphthalene	7.80	128	55807	10.42	ng	99
32) Benzoic acid	7.46	122	15989	15.45	ng	# 14
33) 4-Chloroaniline	7.88	127	13348	6.55	ng	98
34) Hexachlorobutadiene	7.92	225	8830	9.98	ng	97
35) Caprolactam	8.20	113	3043	7.45	ng	97
36) 4-Chloro-3-methylphenol	8.36	107	13675	8.50	ng	95
37) 2-Methylnaphthalene	8.49	142	33572	10.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	11612	7.45	ng	# 97
42) 2,4,6-Trichlorophenol	8.79	196	7383	9.96	ng	96

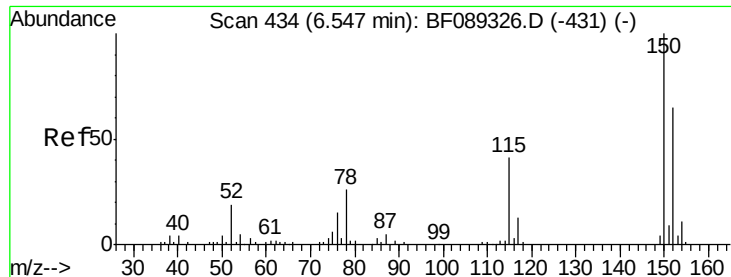
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.83	196	8399	8.94	nq	97
45) 1,1'-Biphenyl	8.96	154	32905	8.67	nq	95
46) 2-Chloronaphthalene	8.97	162	28718	10.08	nq	97
47) 2-Nitroaniline	9.08	65	8704	10.32	nq	# 70
48) Acenaphthylene	9.38	152	47041	10.48	nq	99
49) Dimethylphthalate	9.26	163	40313	11.89	nq	97
50) 2,6-Dinitrotoluene	9.32	165	6202	8.90	nq	# 90
51) Acenaphthene	9.55	154	27215	10.38	nq	99
52) 3-Nitroaniline	9.51	138	6379	8.68	nq	# 90
54) Dibenzofuran	9.72	168	40036	11.21	nq	95
55) 4-Nitrophenol	9.72	139	25390	71.61	nq	# 16
56) 2,4-Dinitrotoluene	9.74	165	6834	7.45	nq	# 80
57) Fluorene	10.07	166	30011	9.63	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	6389	10.19	nq	# 96
59) Diethylphthalate	9.95	149	35291	10.27	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	13789	9.64	nq	92
61) 4-Nitroaniline	10.11	138	5454	7.20	nq	91
62) Azobenzene	10.23	77	36627	10.35	nq	87
65) n-Nitrosodiphenylamine	10.18	169	26932	10.09	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	7701	9.43	nq	# 82
67) Hexachlorobenzene	10.60	284	7539	9.01	nq	# 80
68) Atrazine	10.72	200	7760	9.46	nq	98
69) Pentachlorophenol	10.81	266	6520	20.92	nq	96
70) Phenanthrene	11.02	178	47579	10.78	nq	99
71) Anthracene	11.07	178	51385	10.47	nq	98
72) Carbazole	11.23	167	44969	10.89	nq	98
73) Di-n-butylphthalate	11.58	149	59840	10.80	nq	# 98
74) Fluoranthene	12.19	202	57450	12.38	nq	98
77) Pylene	12.42	202	58896	7.87	nq	100
79) Butylbenzylphthalate	13.05	149	28638	8.42	nq	# 84
80) Benzo(a)anthracene	13.60	228	53466	9.60	nq	100
81) 3,3'-Dichlorobenzidine	13.58	252	13785	6.88	nq	# 98
82) Chrysene	13.63	228	56787	9.58	nq	98
83) Bis(2-ethylhexyl)phthalate	13.62	149	45223	9.20	nq	# 98
84) Di-n-octyl phthalate	14.23	149	83155	10.84	nq	98
85) Indeno(1,2,3-cd)pyrene	16.11	276	37829	8.97	nq	99
87) Benzo(b)fluoranthene	14.59	252	102102	20.70	nq	# 96
88) Benzo(k)fluoranthene	14.59	252	102102	22.52	nq	97
89) Benzo(a)pyrene	14.89	252	45510	10.29	nq	99
90) Dibenzo(a,h)anthracene	16.13	278	31689	9.09	nq	97
91) Benzo(g,h,i)perylene	16.46	276	29556	8.63	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

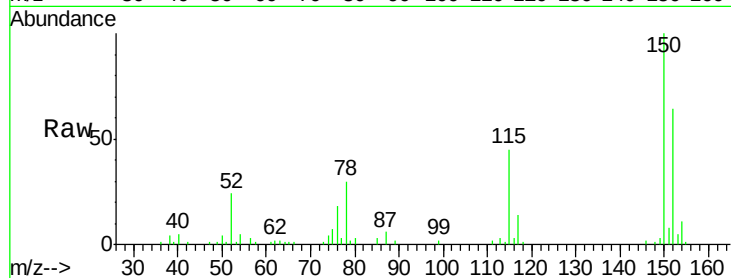
Tot Ion:152 Resp: 33603

Ion Ratio Lower Upper

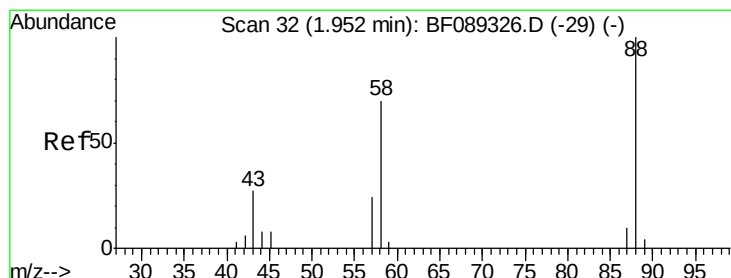
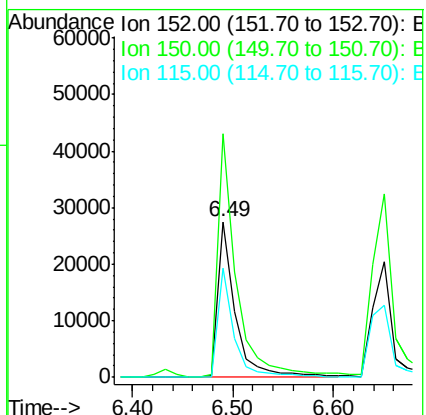
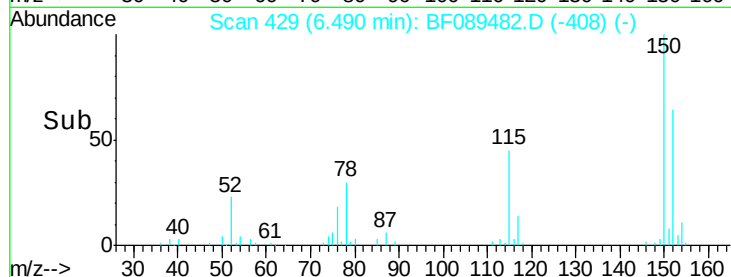
152 100

150 156.2 129.5 194.3

115 69.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.93 ng

RT: 1.86 min Scan# 24

Delta R.T. -0.09 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

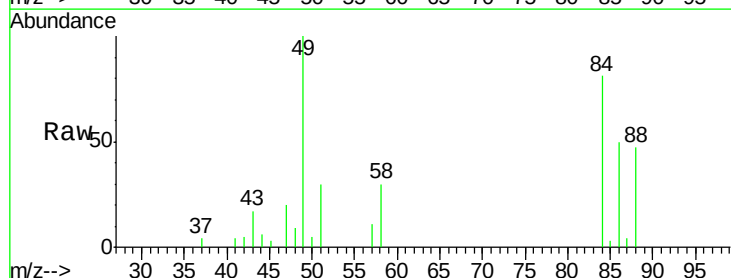
Tgt Ion: 88 Resp: 7635

Ion Ratio Lower Upper

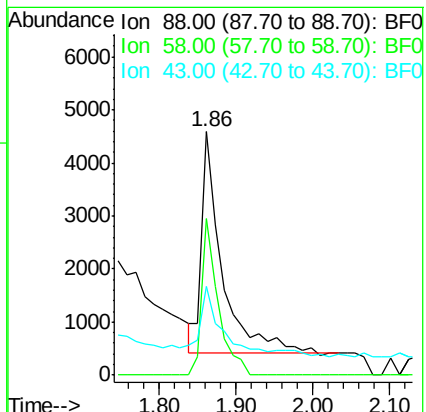
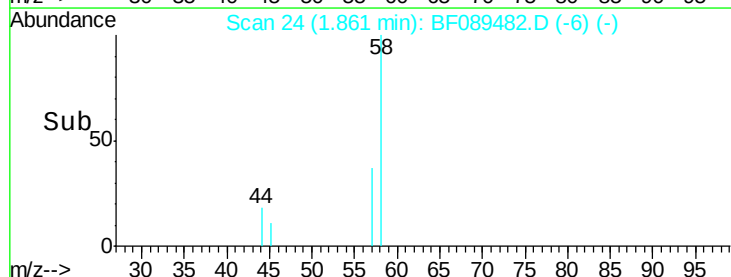
88 100

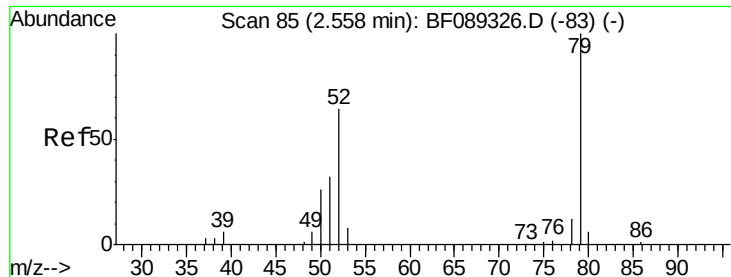
58 56.8 53.2 79.8

43 26.2 20.6 31.0



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

Pvridine

Concen: 5.98 ng

RT: 2.51 min Scan# 81

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampled :

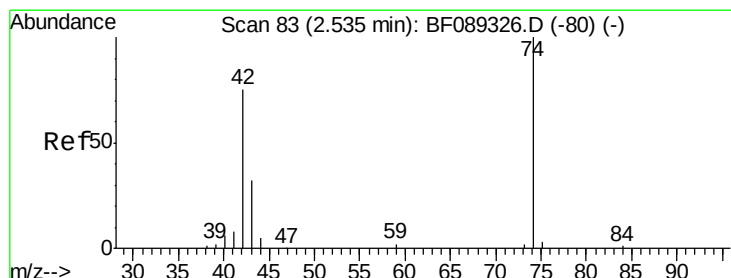
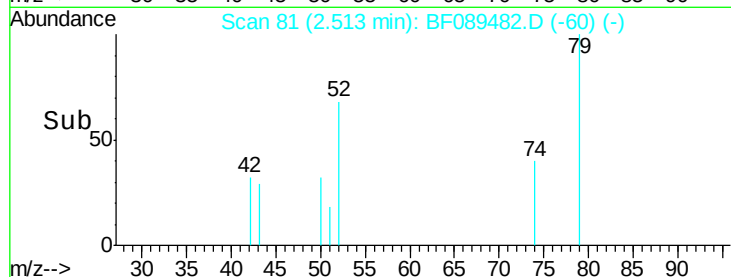
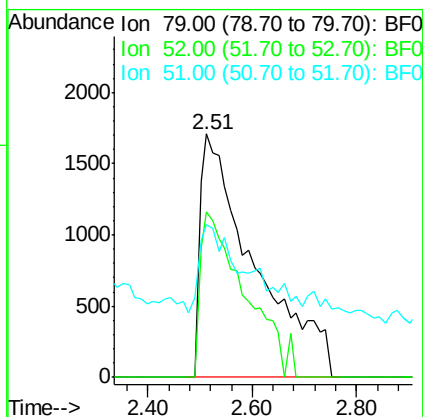
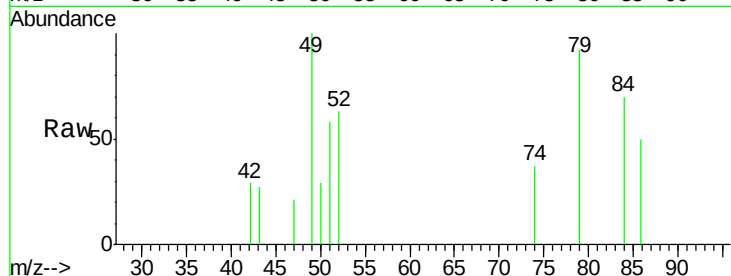
Tot Ion: 79 Resp: 12314

Ion Ratio Lower Upper

79 100

52 68.2 51.9 77.9

51 62.5 28.2 42.4#



#4

n-Nitrosodimethylamine

Concen: 11.70 ng

RT: 2.48 min Scan# 78

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

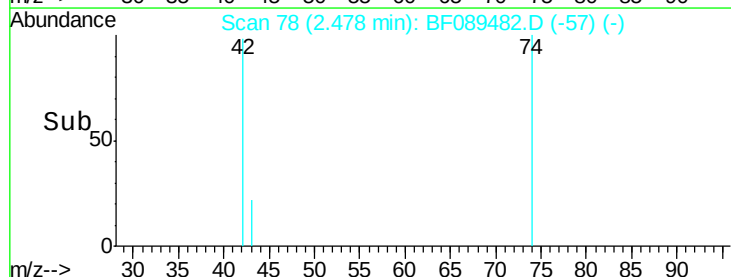
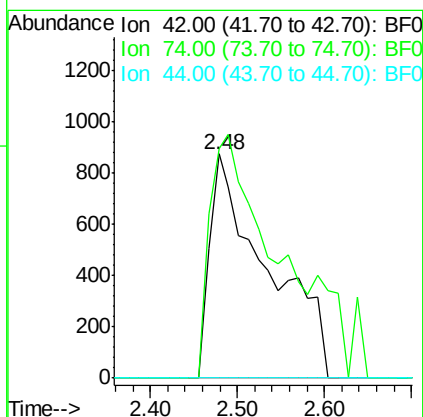
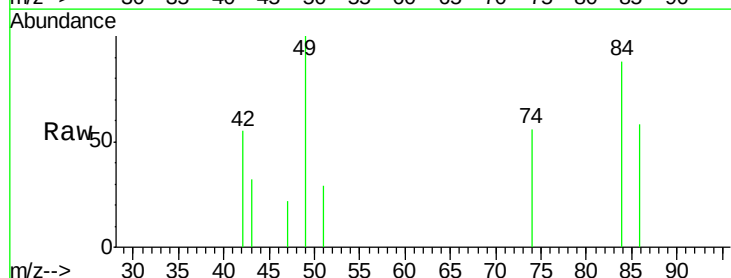
Tgt Ion: 42 Resp: 4011

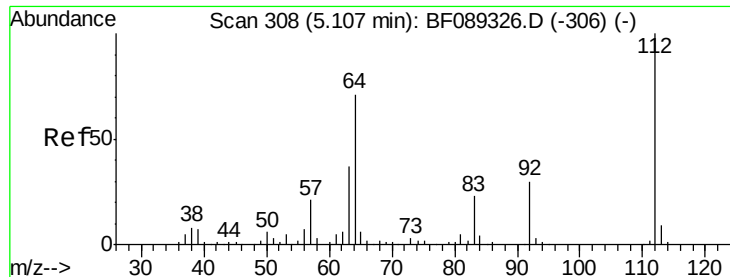
Ion Ratio Lower Upper

42 100

74 102.2 110.8 166.2#

44 0.0 5.2 7.8#





#5

2-Fluorophenol

Concen: 26.85 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089482.D

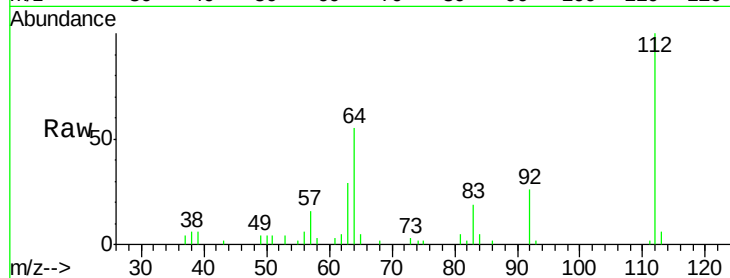
Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	56510
Ion	Ratio	Lower	Upper
112	100		
64	54.6	55.0	82.6#
63	29.4	29.4	44.2#

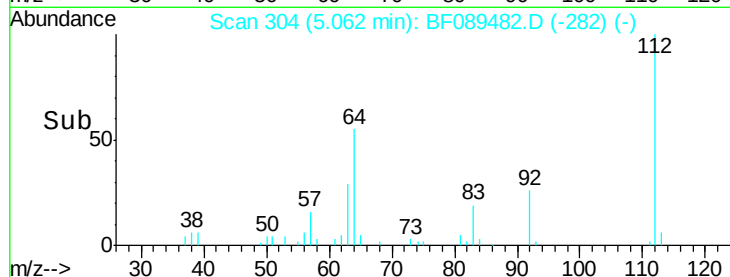


Abundance Ion 112.00 (111.70 to 112.70): E

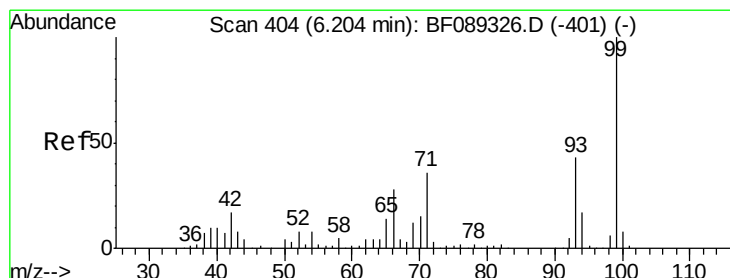
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 4.44 ng

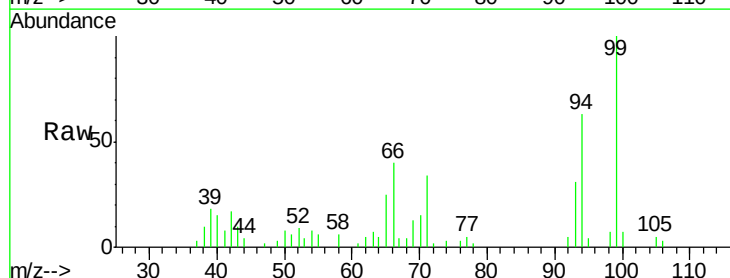
RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Tgt Ion:	93	Resp:	13348
Ion	Ratio	Lower	Upper
93	100		
66	129.1	51.6	77.4#
65	80.3	24.7	37.1#

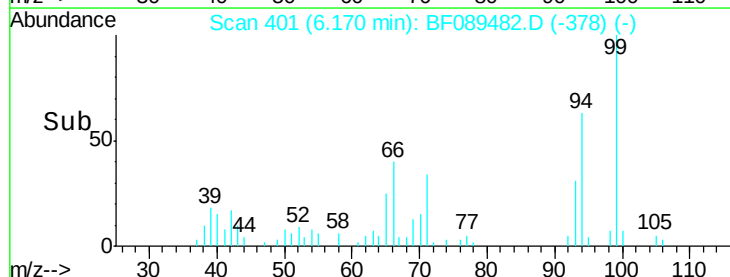


Abundance Ion 93.00 (92.70 to 93.70): BF0

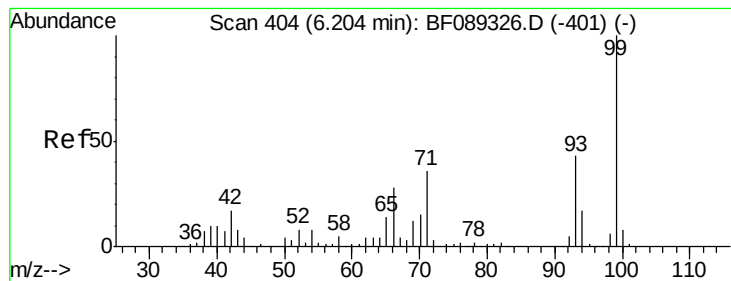
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 23.04 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

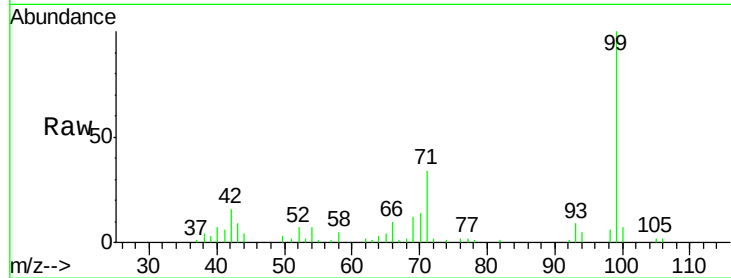
Tot Ion: 99 Resp: 64072

Ion Ratio Lower Upper

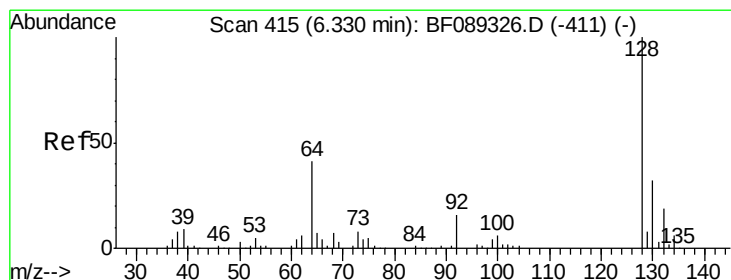
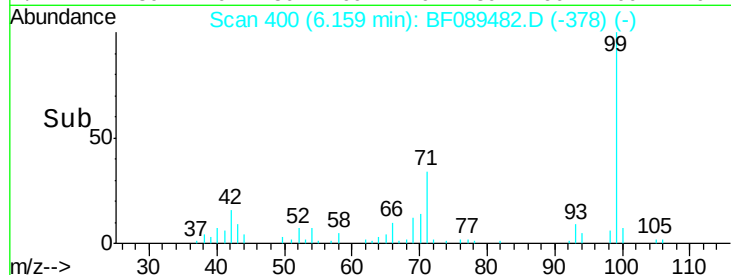
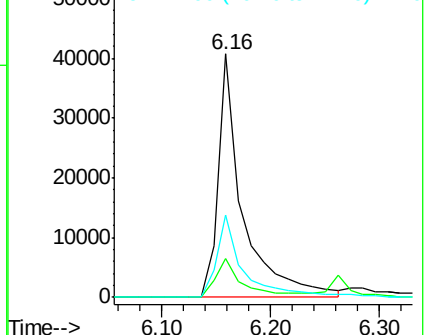
99 100

42 16.1 13.6 20.4

71 33.7 29.4 44.2



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: 8.76 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

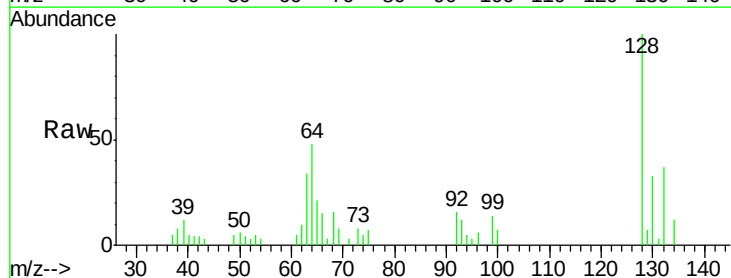
Tgt Ion: 128 Resp: 20852

Ion Ratio Lower Upper

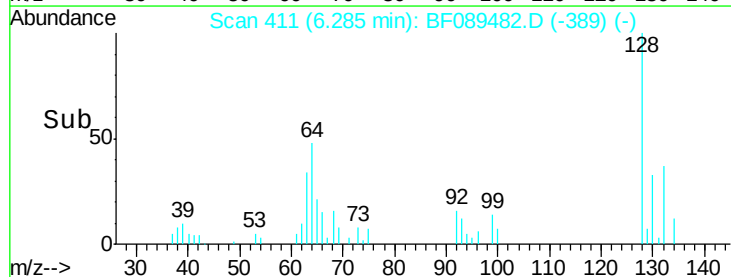
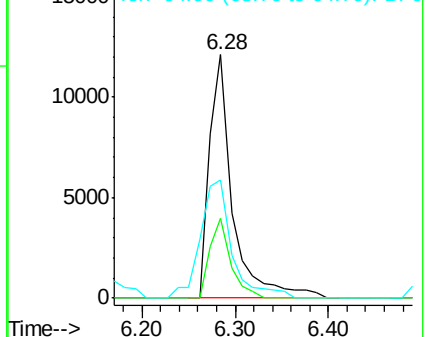
128 100

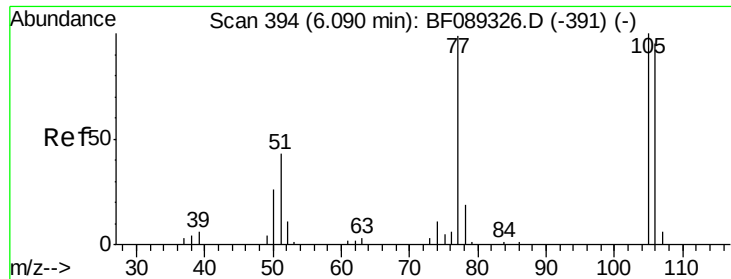
130 32.6 12.6 52.6

64 48.4 22.1 62.1



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

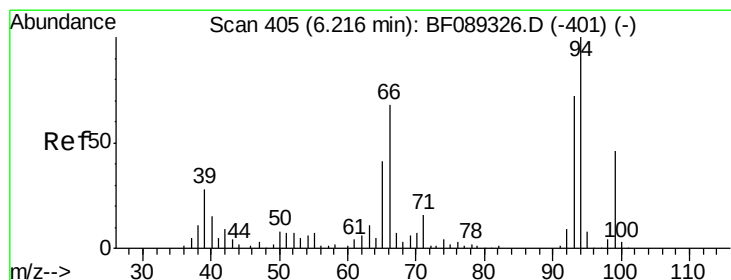
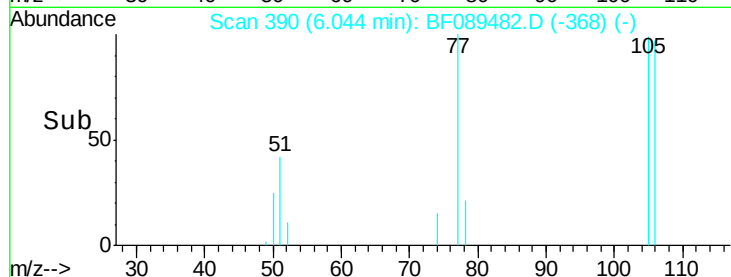
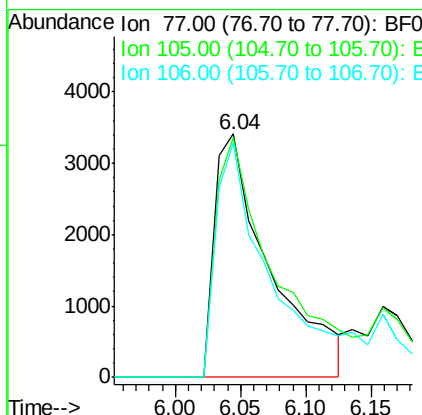
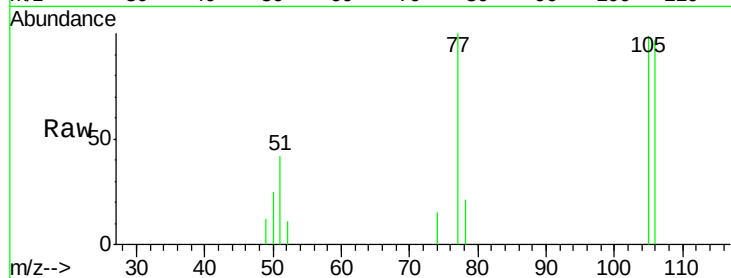




#9
Benzaldehyde
Concen: 7.47 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

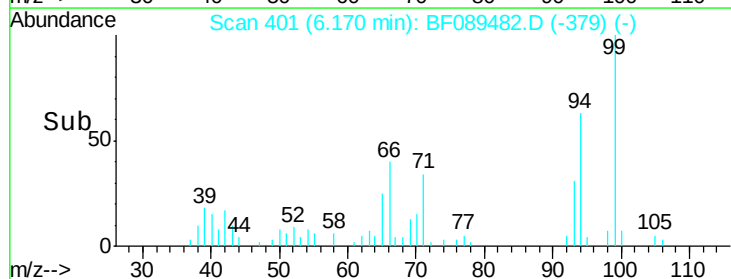
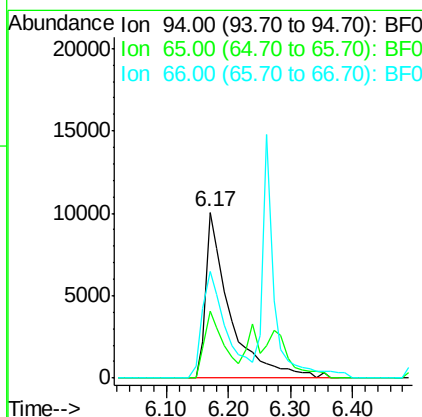
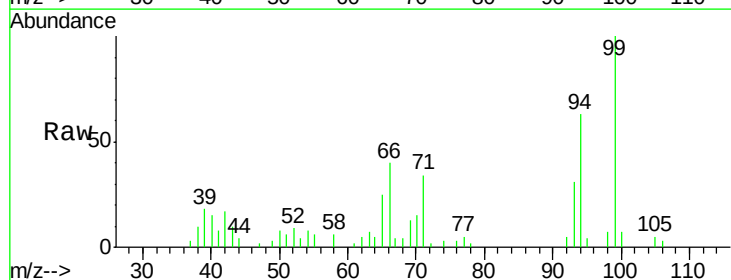
Instrument :
BNA_F
ClientSampleId :

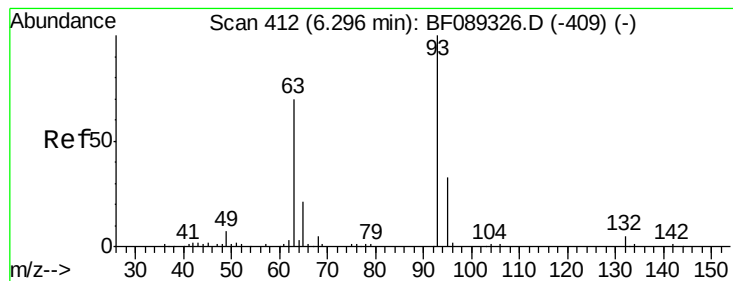
Tot Ion: 77 Resp: 10146
Ion Ratio Lower Upper
77 100
105 98.7 82.9 122.9
106 96.6 75.9 115.9



#10
Phenol
Concen: 8.85 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion: 94 Resp: 27161
Ion Ratio Lower Upper
94 100
65 40.0 19.1 59.1
66 64.3 44.4 84.4

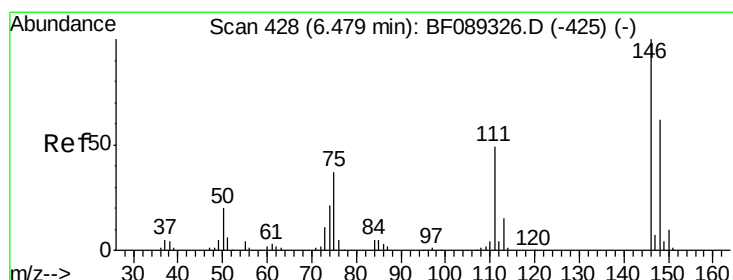
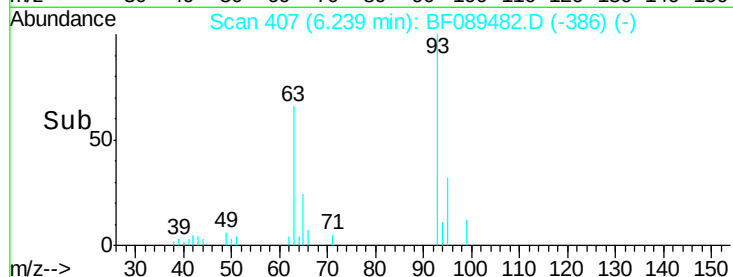
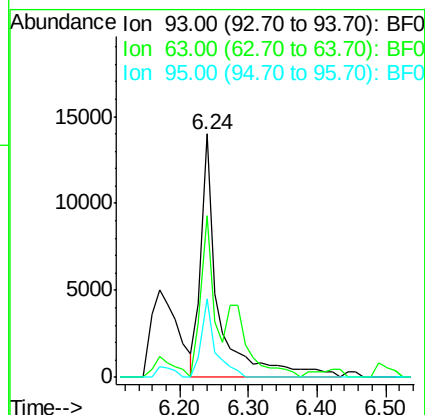
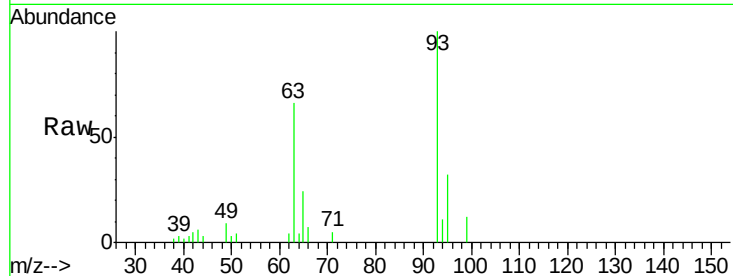




#11
bis(2-Chloroethyl)ether
Concen: 9.47 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

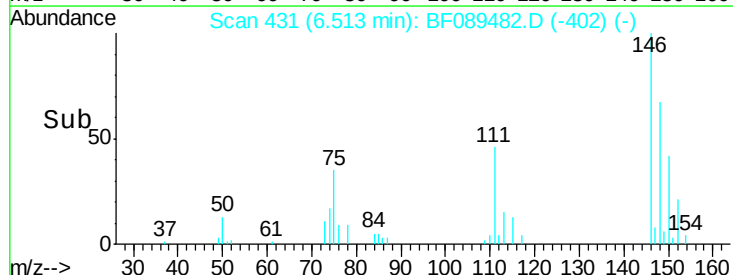
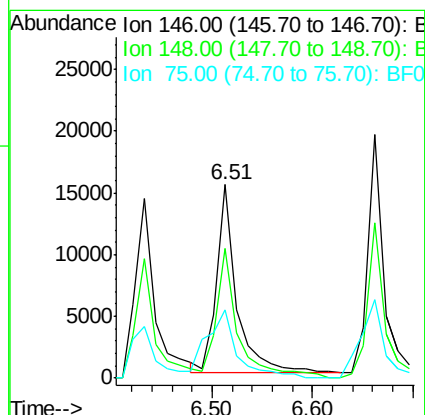
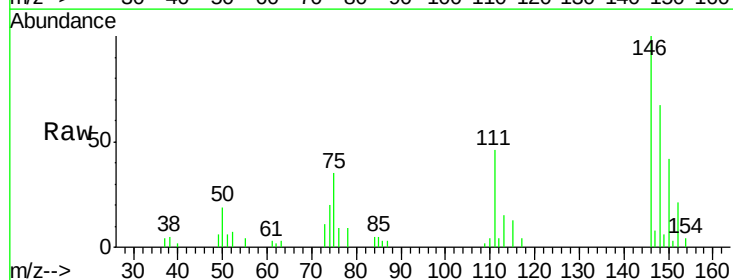
Instrument :
BNA_F
ClientSampleId :

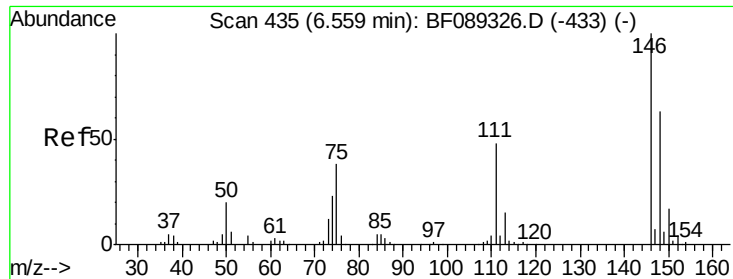
Tot Ion: 93 Resp: 24686
Ion Ratio Lower Upper
93 100
63 66.3 45.6 85.6
95 32.4 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 8.57 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.03 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion: 146 Resp: 21336
Ion Ratio Lower Upper
146 100
148 67.2 50.5 75.7
75 35.2 30.0 45.0

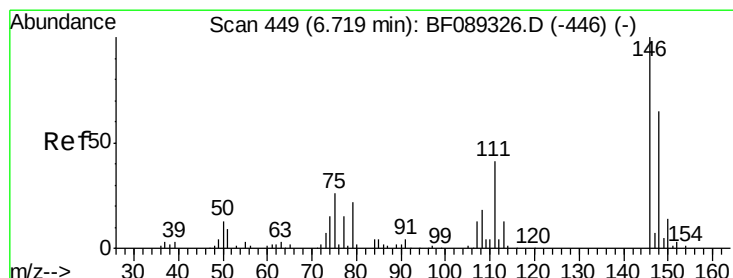
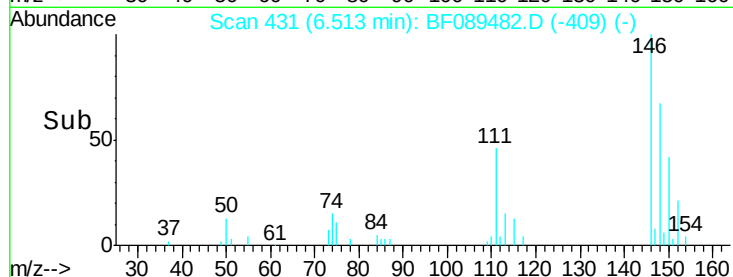
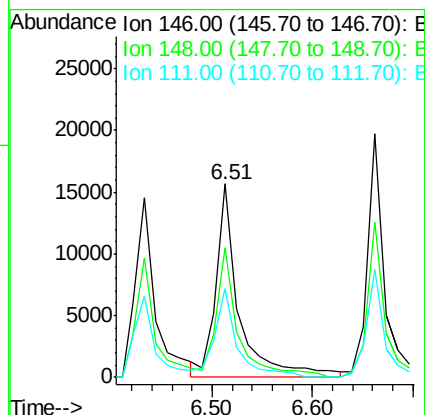
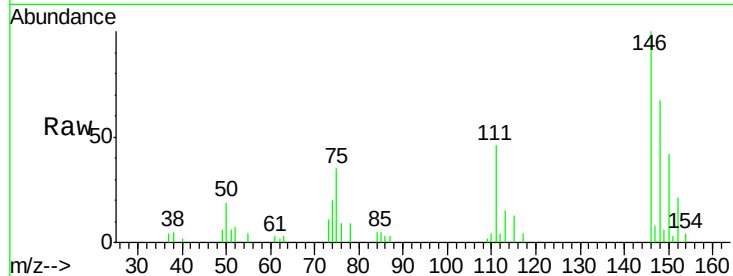




#13
 1,4-Dichlorobenzene
 Concen: 9.12 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

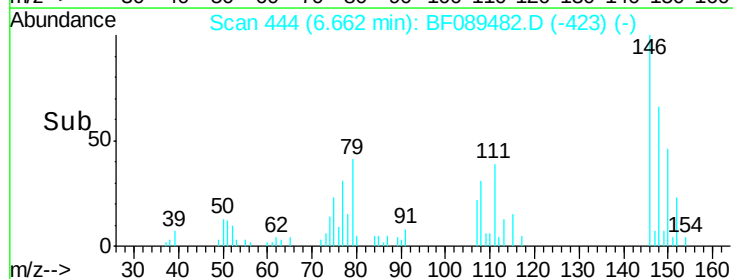
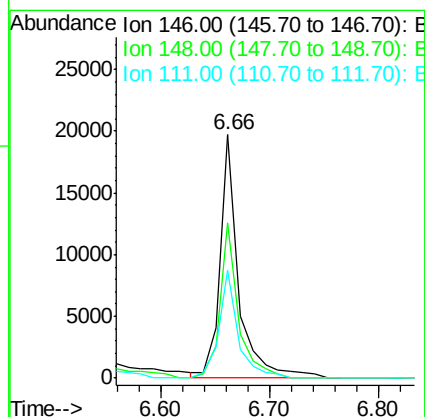
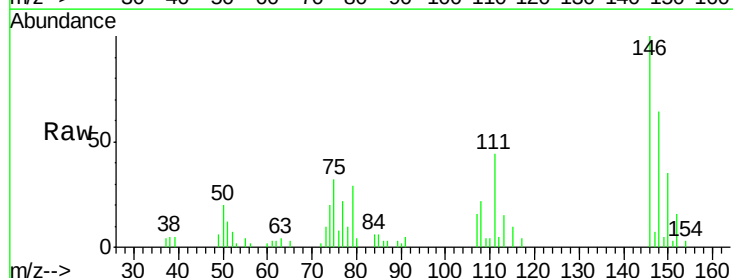
Instrument :
 BNA_F
 ClientSampled :

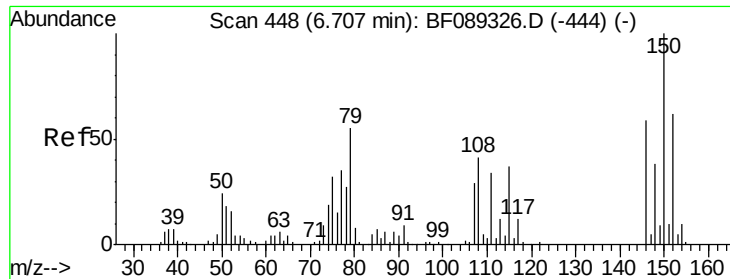
Tot Ion:146 Resp: 25072
 Ion Ratio Lower Upper
 146 100
 148 67.2 50.8 76.2
 111 45.8 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 9.20 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:146 Resp: 23672
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 44.2 33.0 49.4

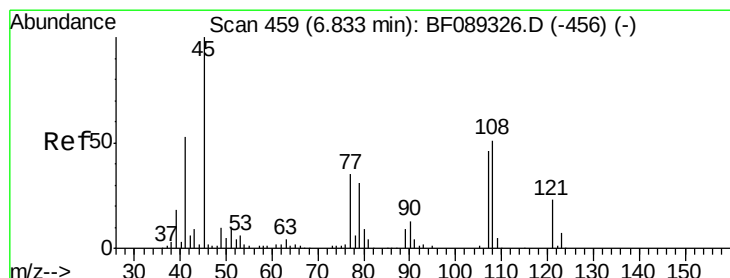
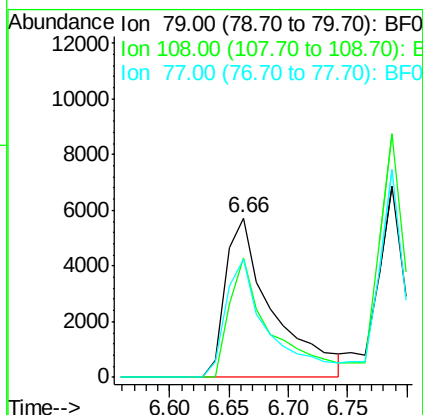
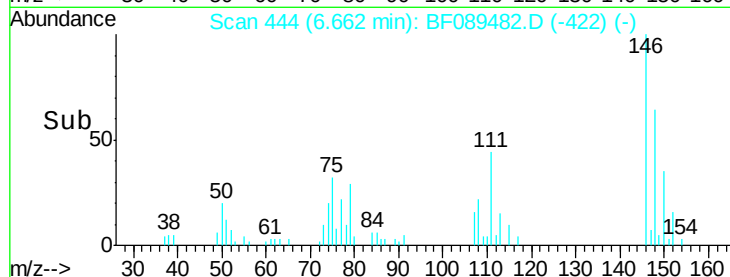
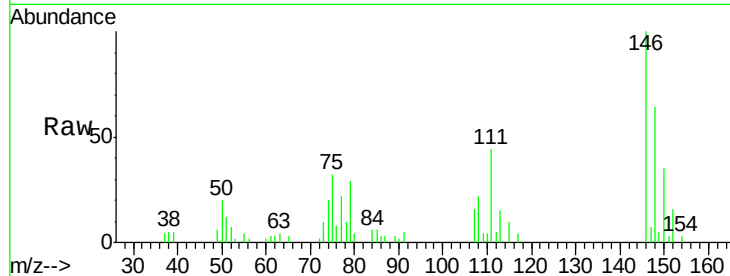




#15
Benzyl Alcohol
Concen: 9.15 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

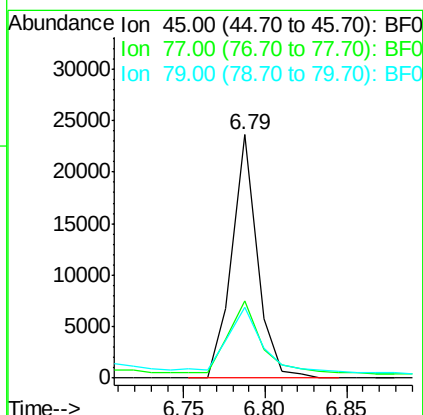
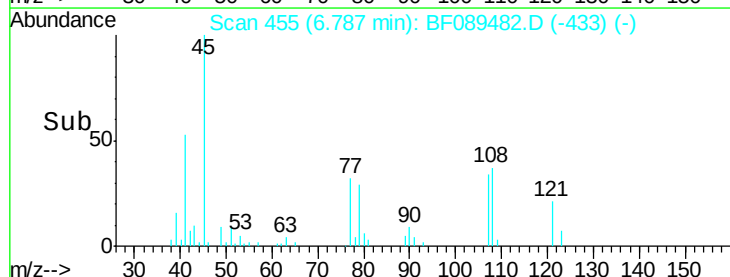
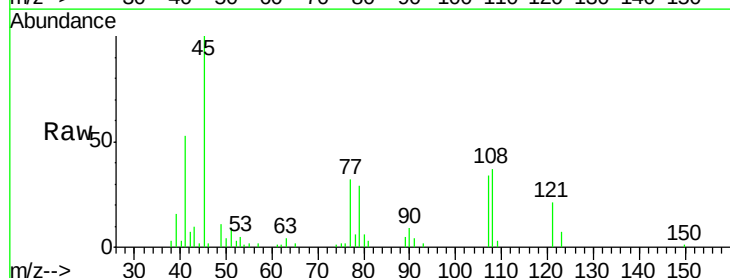
Instrument :
BNA_F
ClientSampleId :

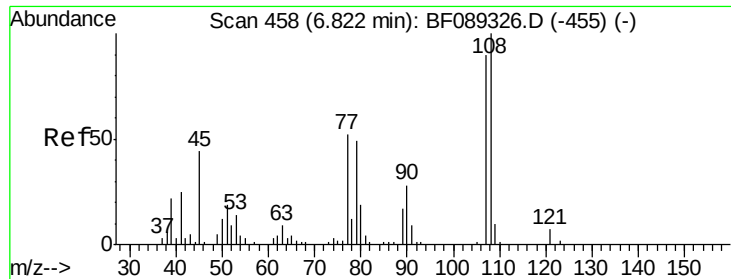
Tot Ion: 79 Resp: 15785
Ion Ratio Lower Upper
79 100
108 75.4 59.8 89.6
77 74.3 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.99 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion: 45 Resp: 25581
Ion Ratio Lower Upper
45 100
77 31.6 17.3 57.3
79 29.0 13.9 53.9





#17

2-Methylphenol

Concen: 7.14 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF089482.D

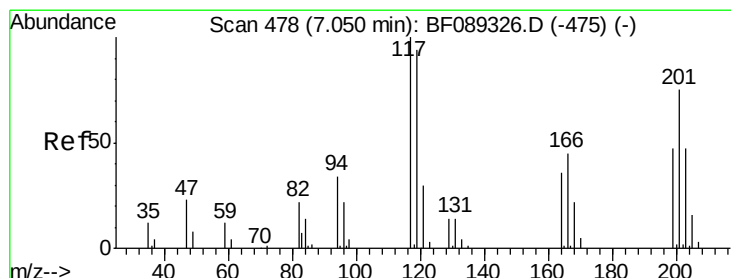
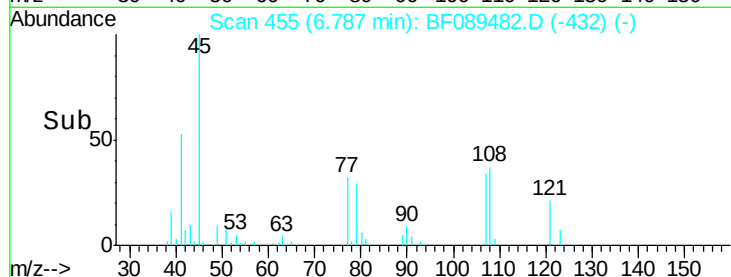
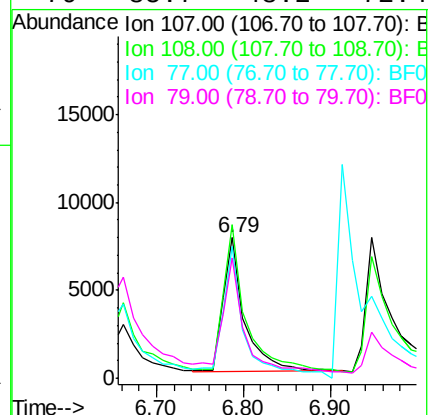
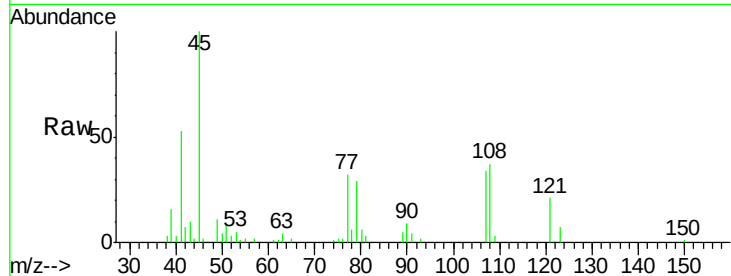
Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	13136
Ion	Ratio	Lower	Upper
107	100		
108	109.6	91.4	137.0
77	93.6	48.6	73.0#
79	85.7	48.2	72.4#



#18

Hexachloroethane

Concen: 7.30 ng

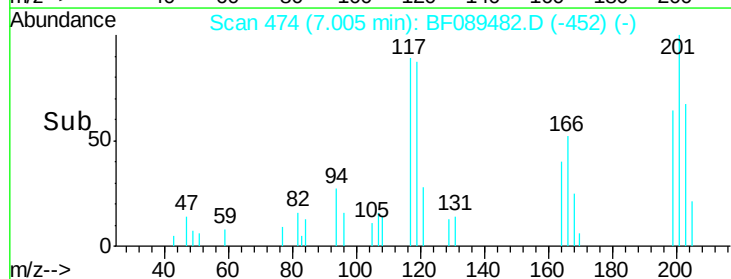
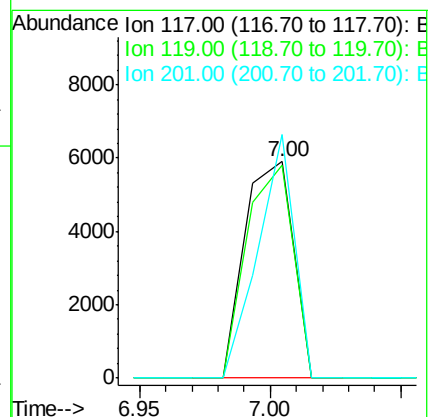
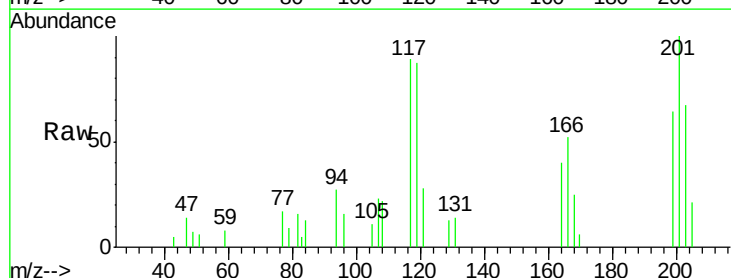
RT: 7.00 min Scan# 474

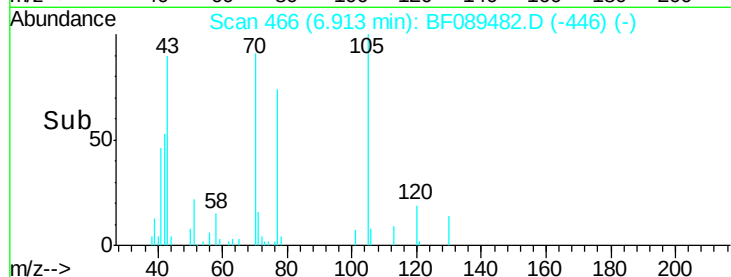
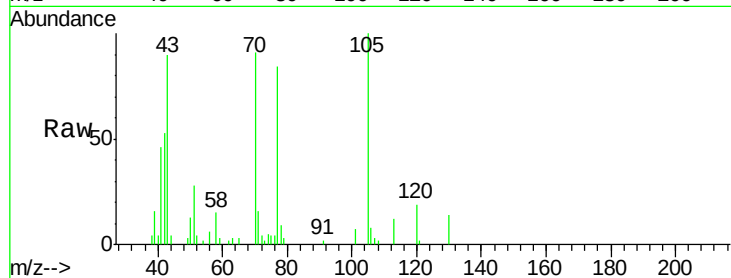
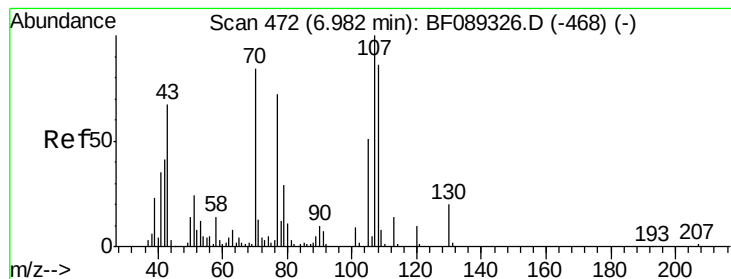
Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Tgt Ion:	117	Resp:	7693
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.0	114.0
201	112.5	60.0	90.0#

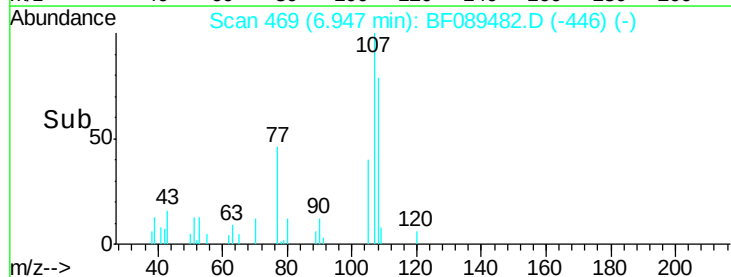
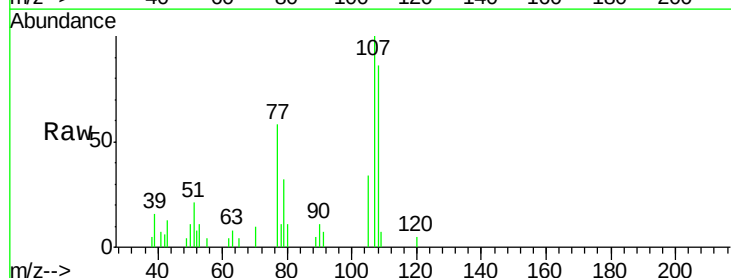
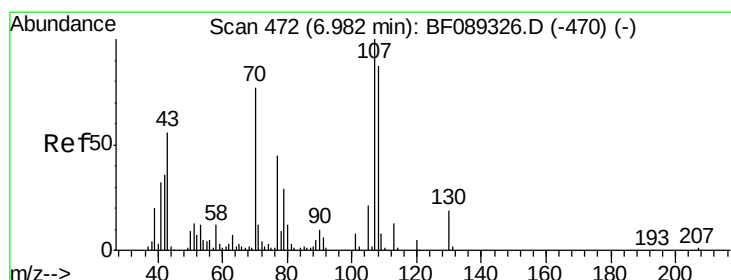
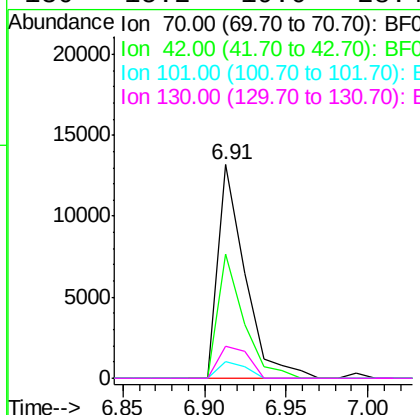




#19
n-Nitroso-di-n-propylamine
Concen: 9.05 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

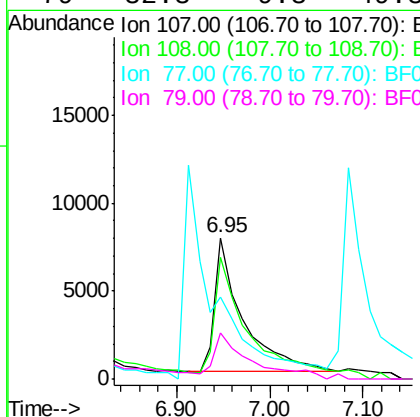
Instrument :
BNA_F
ClientSampleId :

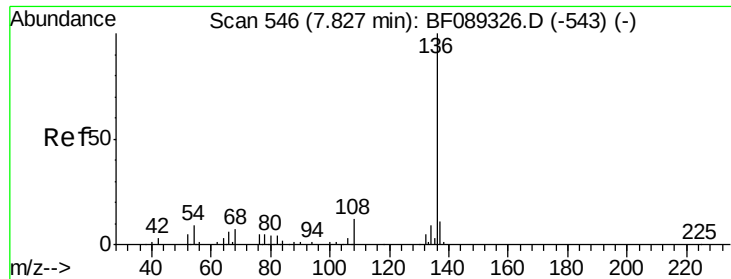
Tot Ion: 70 Resp: 15172
Ion Ratio Lower Upper
70 100
42 57.9 38.6 57.8#
101 7.8 8.3 12.5#
130 15.2 19.0 28.4#



#20
3+4-Methylphenols
Concen: 6.79 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion: 107 Resp: 16038
Ion Ratio Lower Upper
107 100
108 86.4 63.3 103.3
77 57.8 51.1 91.1
79 32.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 108166

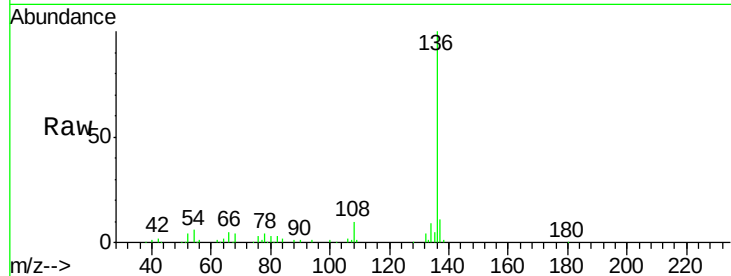
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.1 7.0 10.4#

68 4.3 4.9 7.3#

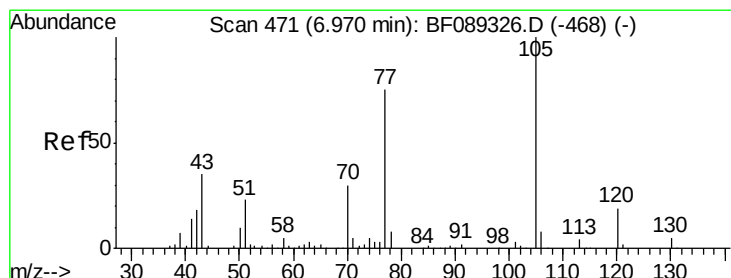
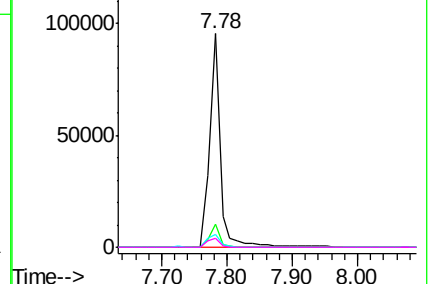
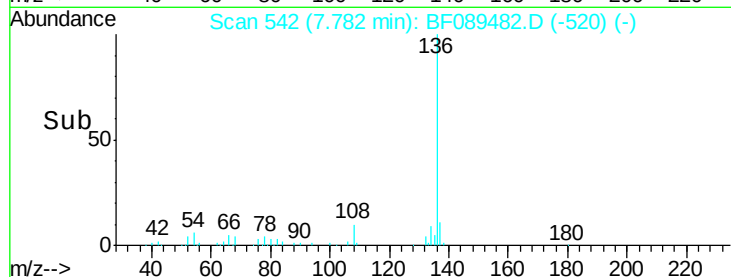


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.60 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Tgt Ion:105 Resp: 27305

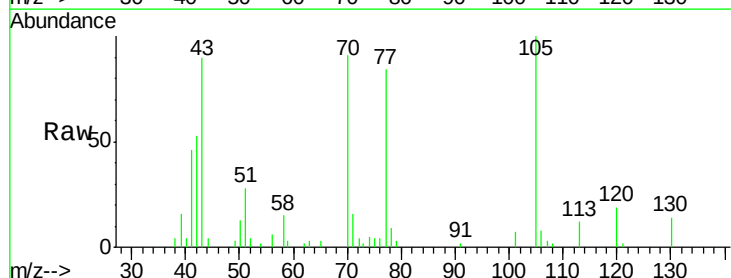
Ion Ratio Lower Upper

105 100

71 16.3 4.2 6.2#

51 28.0 18.7 28.1

120 18.8 15.8 23.6

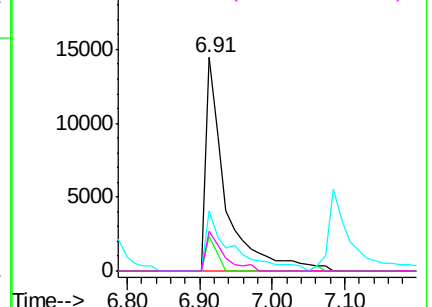
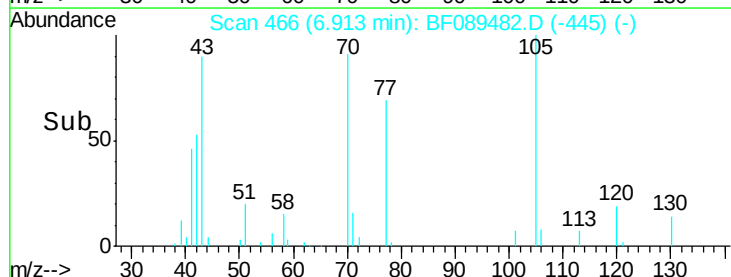


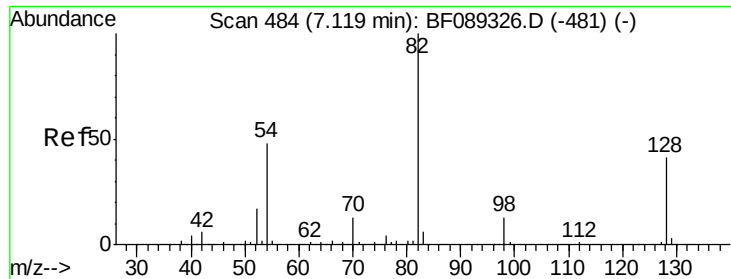
Abundance Ion 105.00 (104.70 to 105.70): E

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: 24.22 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampled :

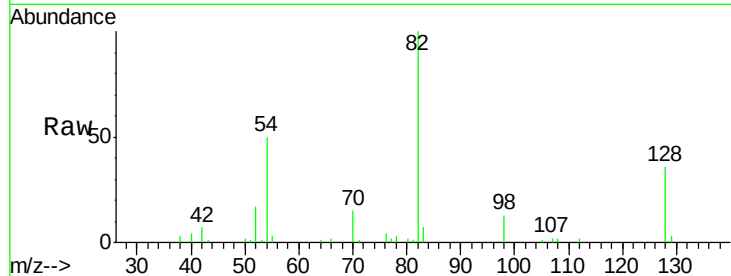
Tot Ion: 82 Resp: 44377

Ion Ratio Lower Upper

82 100

128 36.4 32.5 48.7

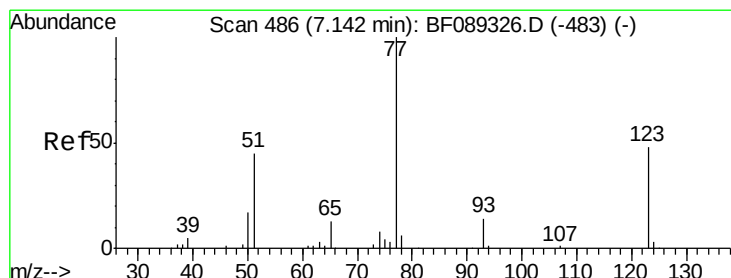
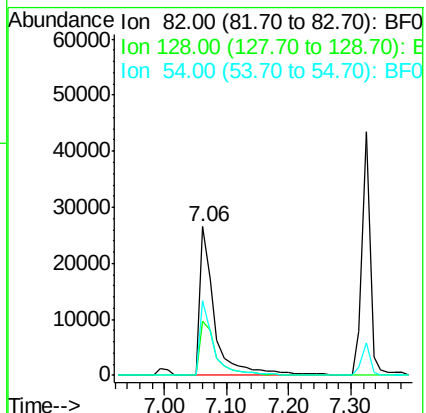
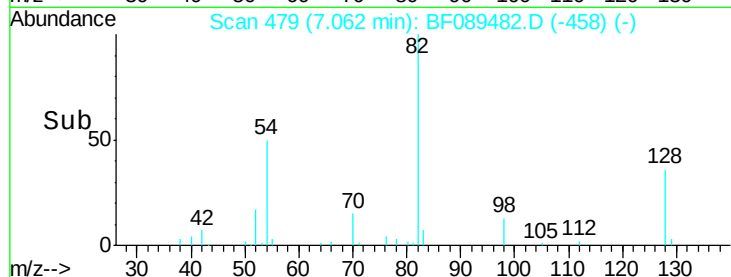
54 50.4 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 11.88 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

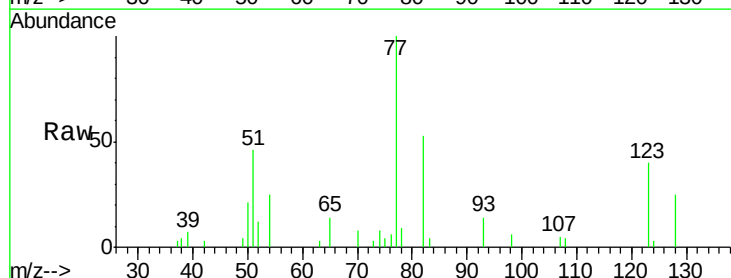
Tgt Ion: 77 Resp: 24770

Ion Ratio Lower Upper

77 100

123 40.4 37.2 55.8

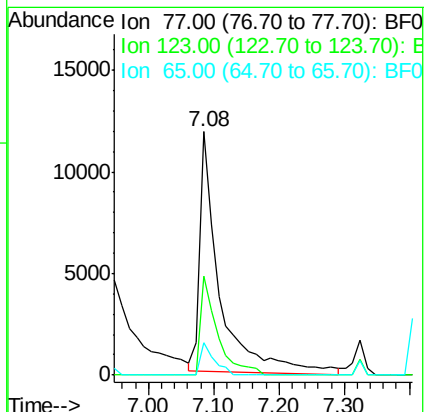
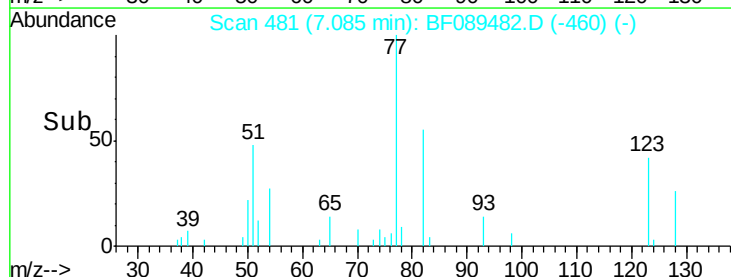
65 13.6 10.2 15.4

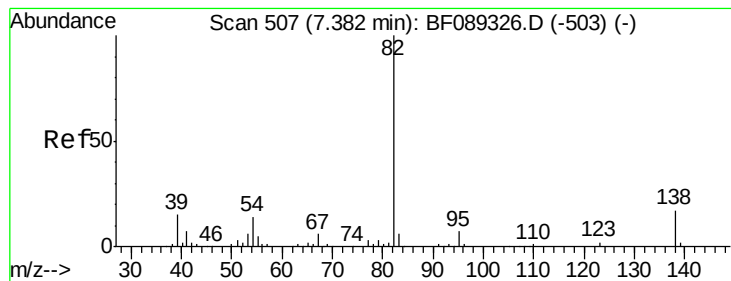


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 10.61 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

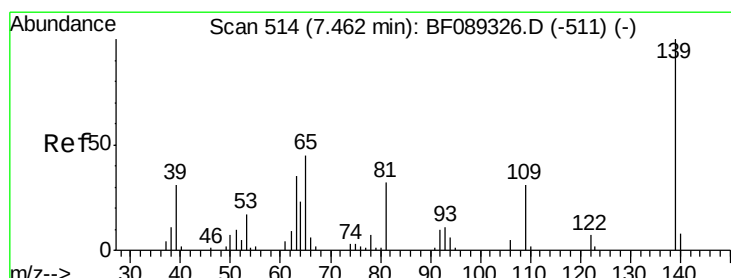
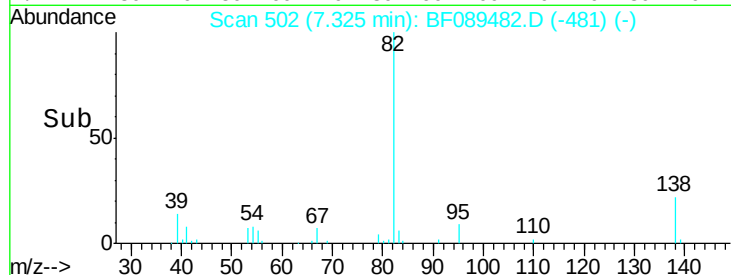
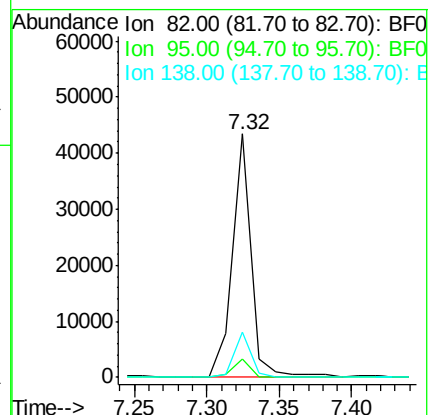
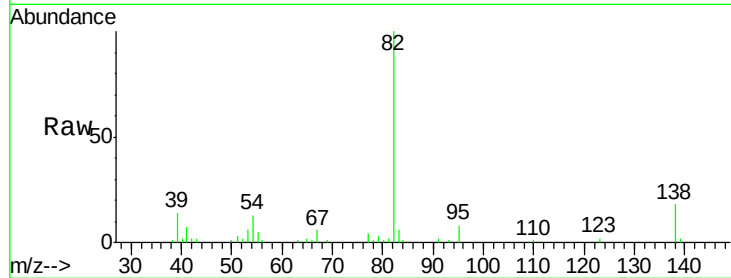
Tot Ion: 82 Resp: 39184

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 18.5 13.3 19.9



#26

2-Nitrophenol

Concen: 8.56 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

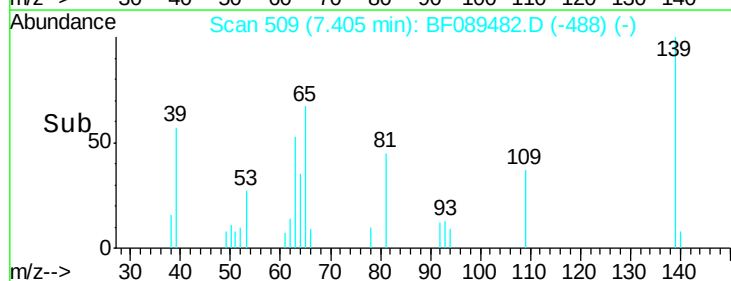
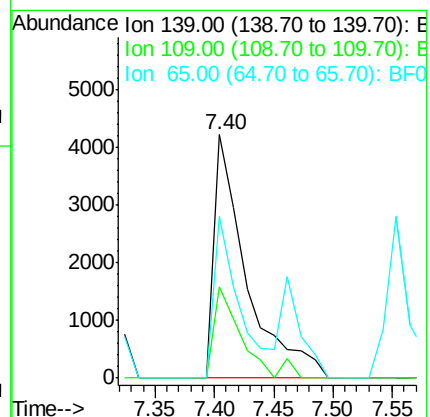
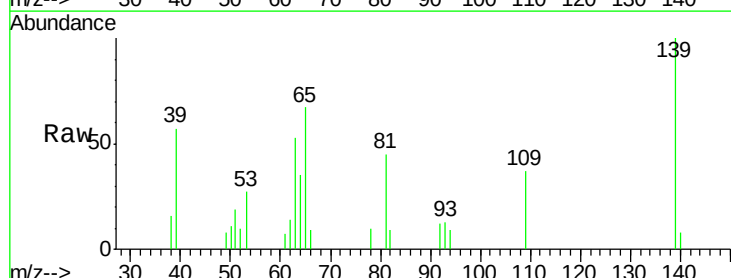
Tgt Ion: 139 Resp: 7979

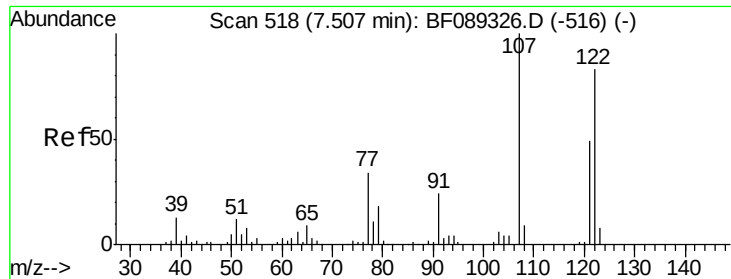
Ion Ratio Lower Upper

139 100

109 37.3 25.8 38.8

65 66.6 35.2 52.8#

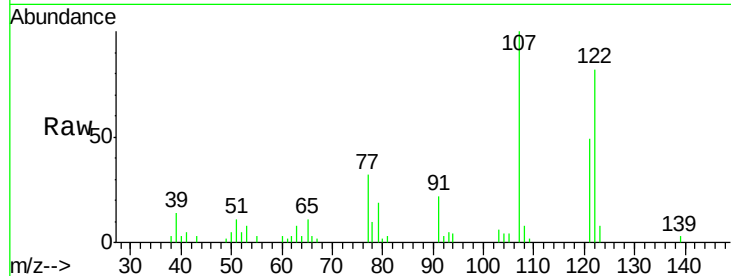




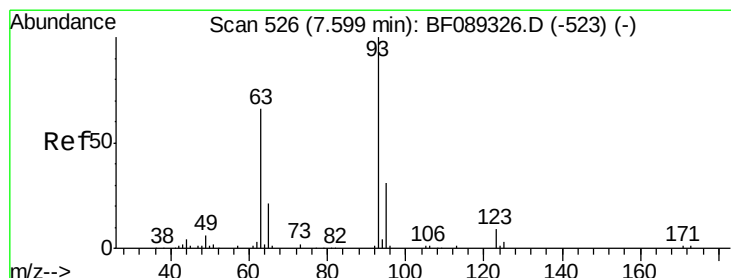
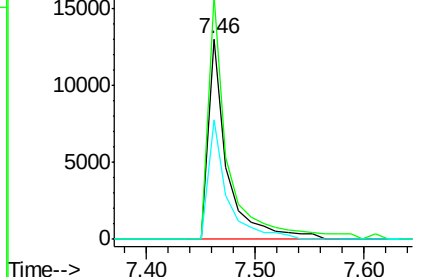
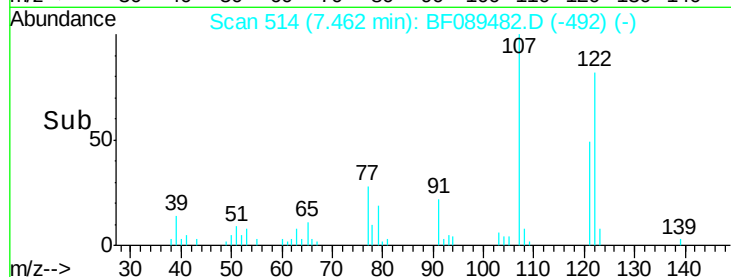
#27
 2,4-Dimethylphenol
 Concen: 10.76 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 15989
 Ion Ratio Lower Upper
 122 100
 107 121.3 97.2 145.8
 121 59.8 48.8 73.2

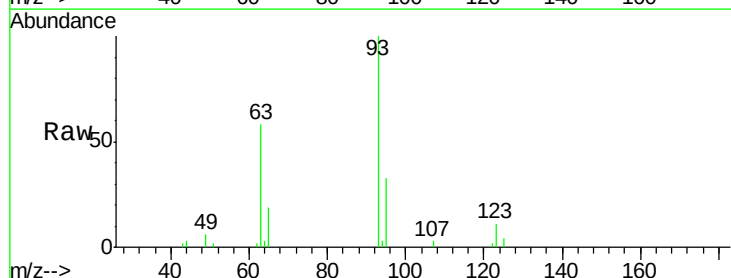


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

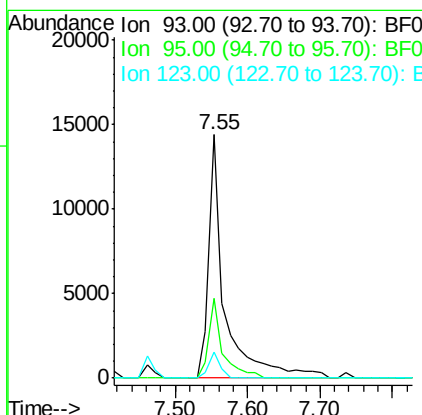
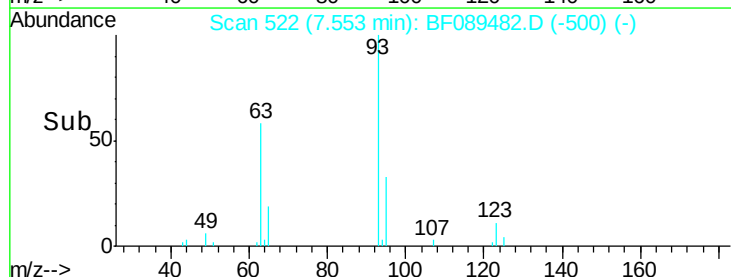


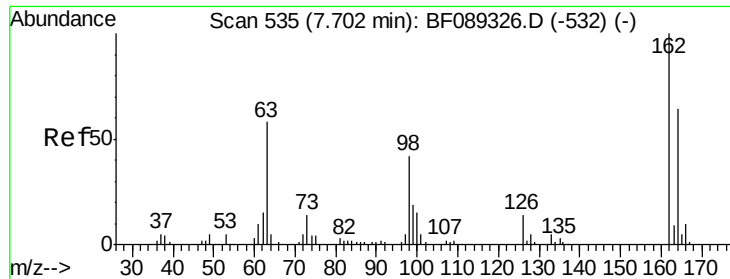
#28
 bis(2-Chloroethoxy)methane
 Concen: 10.82 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion: 93 Resp: 22118
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.7 37.1
 123 10.6 7.5 11.3



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

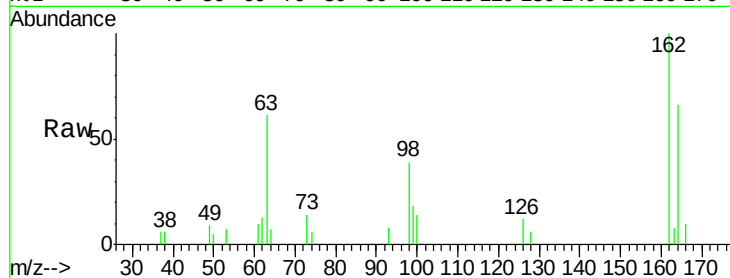




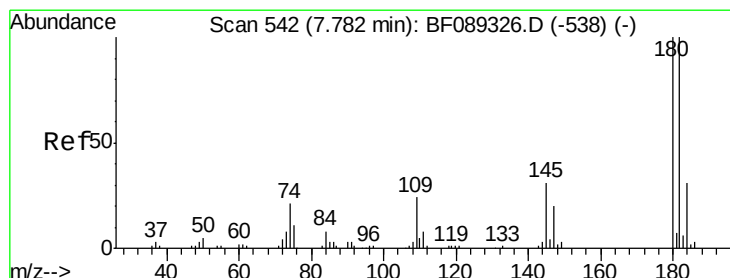
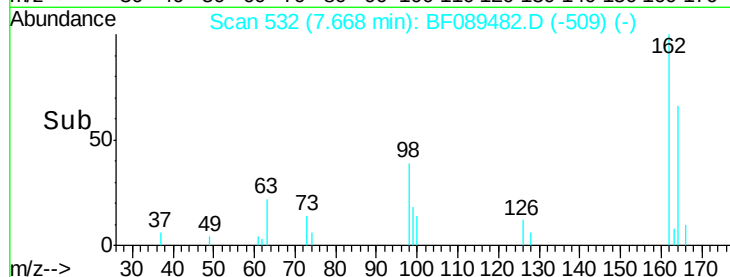
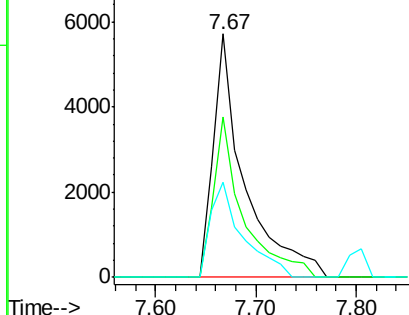
#29
 2,4-Dichlorophenol
 Concen: 9.07 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 12273
 Ion Ratio Lower Upper
 162 100
 164 65.7 44.0 84.0
 98 39.2 21.8 61.8

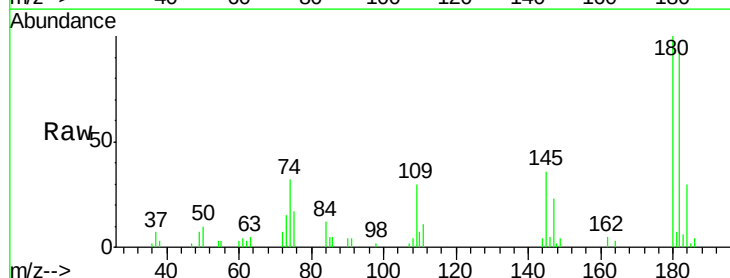


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

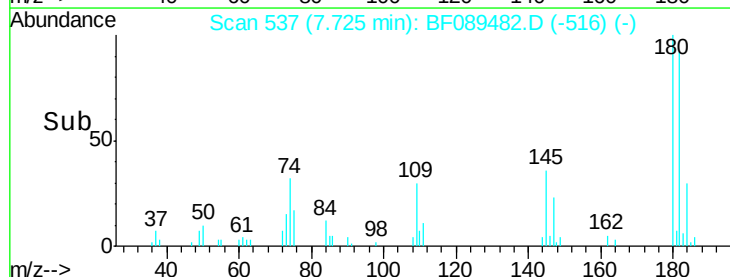
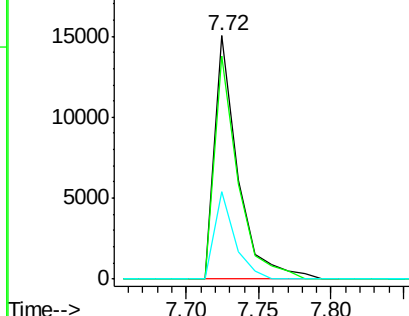


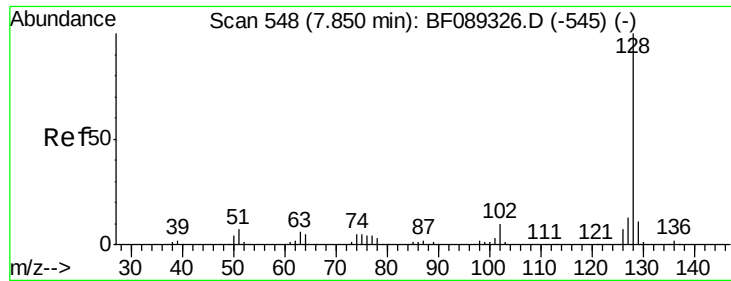
#30
 1,2,4-Trichlorobenzene
 Concen: 10.85 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:180 Resp: 16752
 Ion Ratio Lower Upper
 180 100
 182 91.6 78.2 117.2
 145 35.7 24.6 36.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

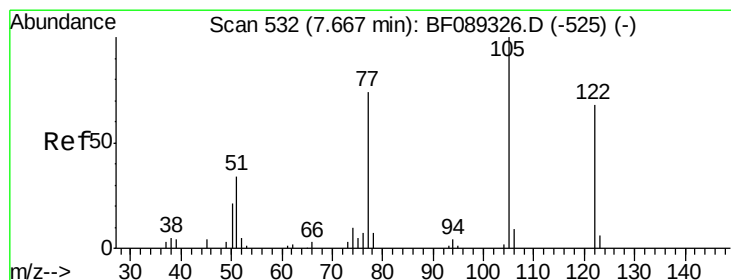
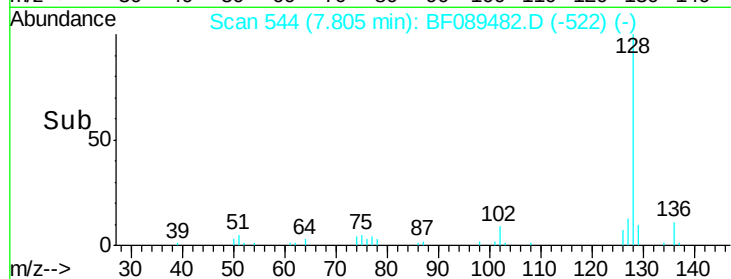
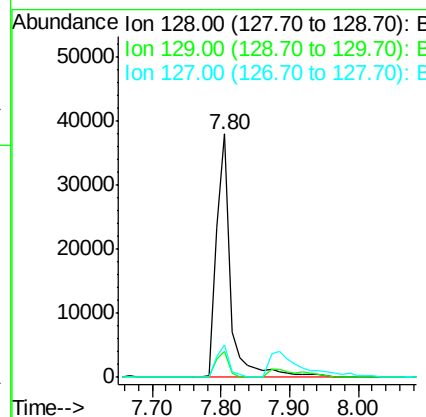
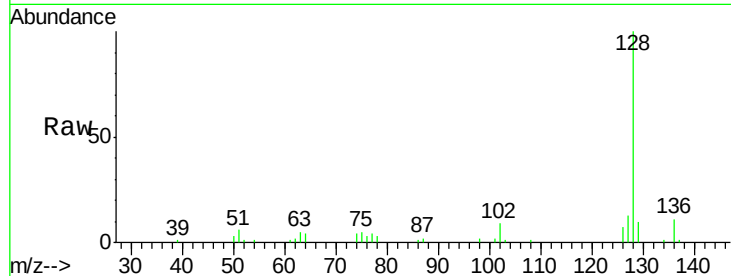




#31
Naphthalene
Concen: 10.42 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

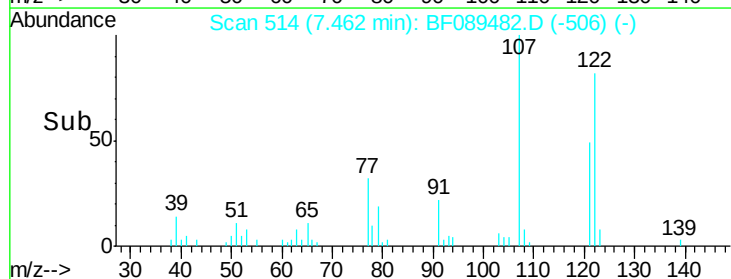
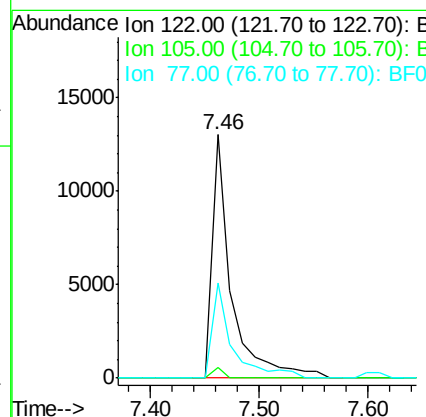
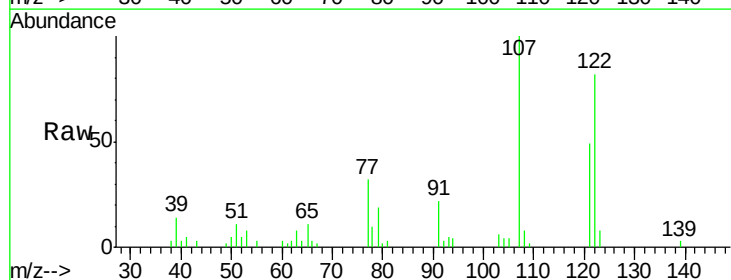
Instrument :
BNA_F
ClientSampled :

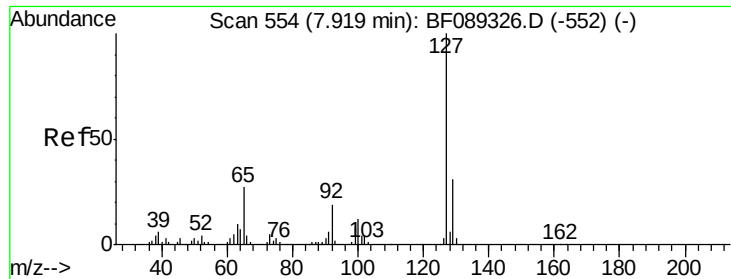
Tot Ion:128 Resp: 55807
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 15.45 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.21 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:122 Resp: 15989
Ion Ratio Lower Upper
122 100
105 4.4 106.4 146.4#
77 39.3 76.4 116.4#

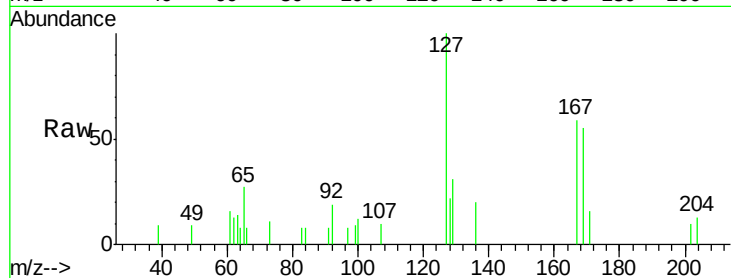




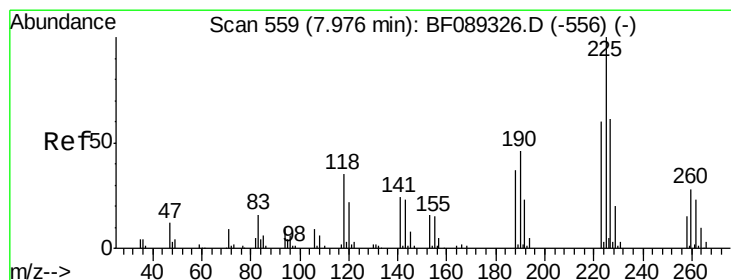
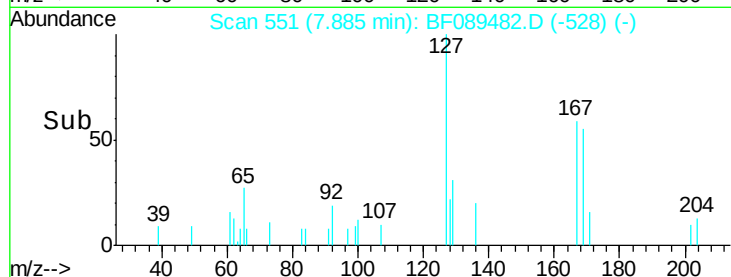
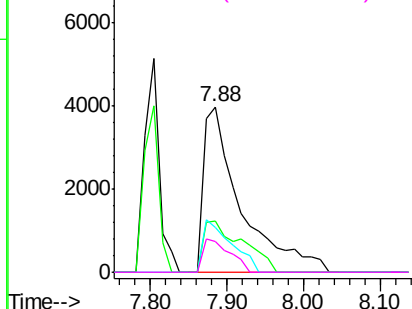
#33
4-Chloroaniline
Concen: 6.55 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	13348
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.1	39.1
65	27.2	22.0	33.0
92	18.6	15.2	22.8

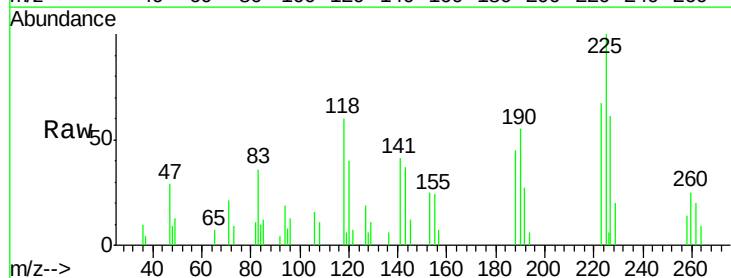


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

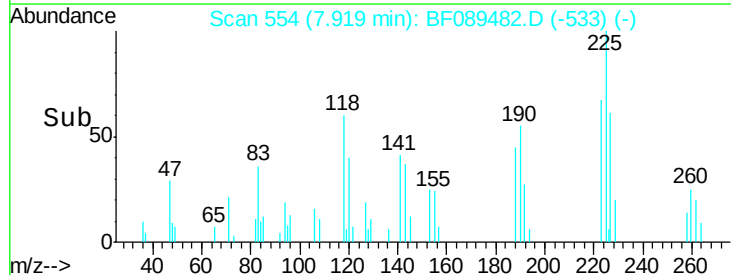
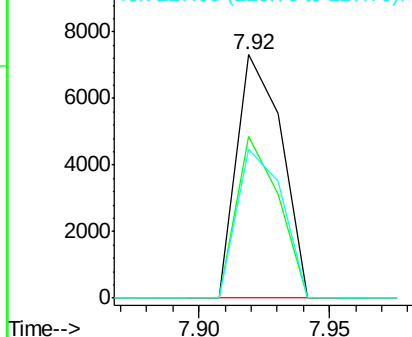


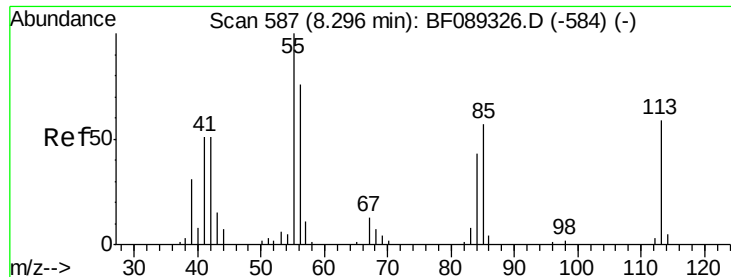
#34
Hexachlorobutadiene
Concen: 9.98 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:	225	Resp:	8830
Ion	Ratio	Lower	Upper
225	100		
223	66.5	49.8	74.8
227	61.2	49.4	74.2



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





#35

Caprolactam

Concen: 7.45 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.09 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

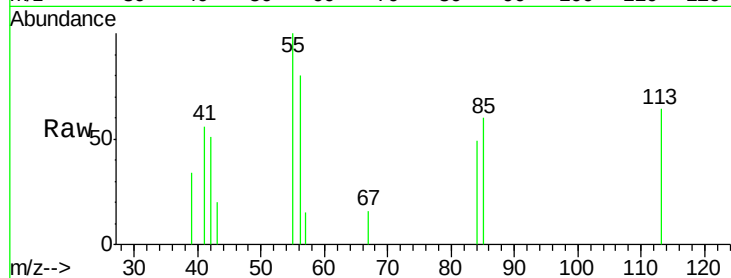
Tot Ion:113 Resp: 3043

Ion Ratio Lower Upper

113 100

55 156.0 142.3 182.3

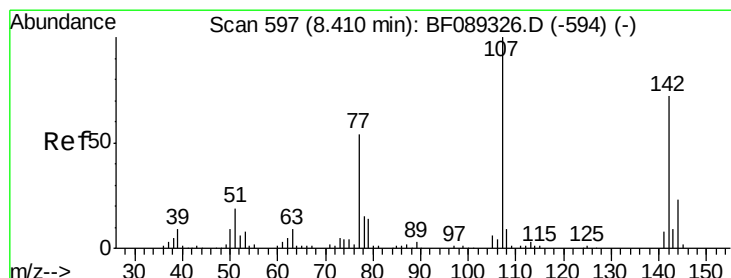
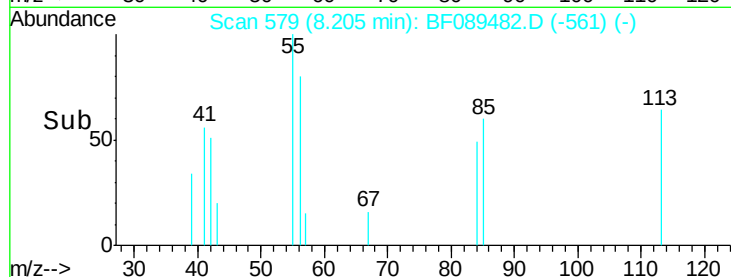
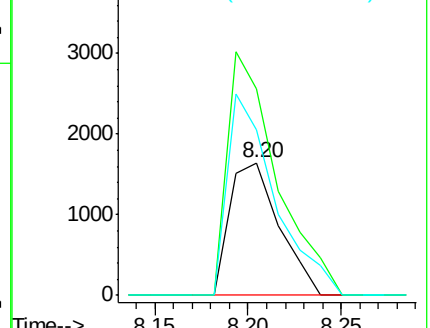
56 124.5 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 8.50 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

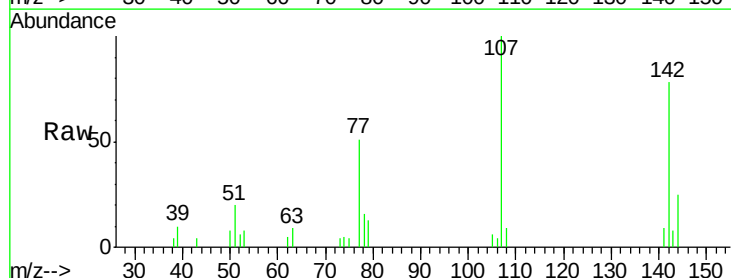
Tgt Ion:107 Resp: 13675

Ion Ratio Lower Upper

107 100

144 25.2 18.4 27.6

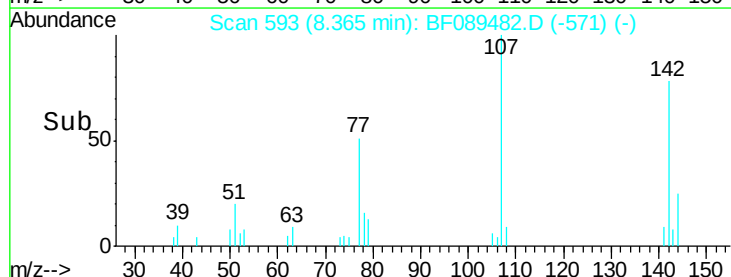
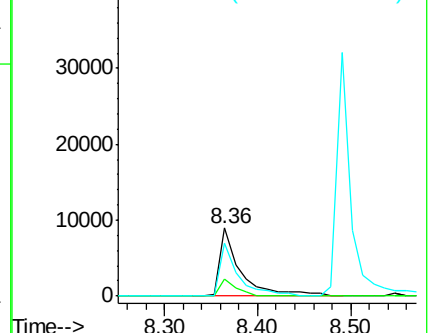
142 77.9 58.6 87.8

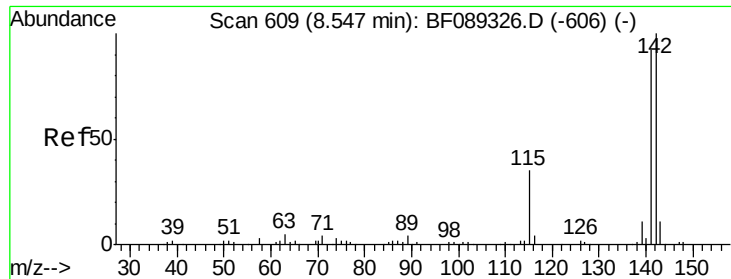


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

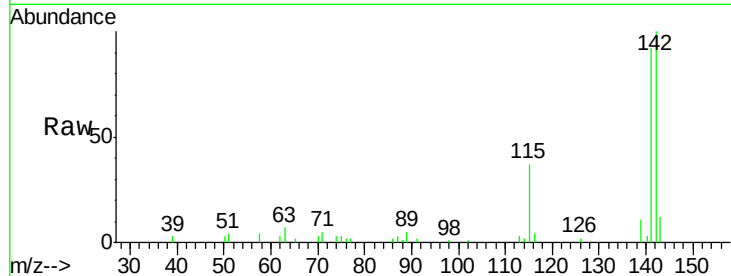




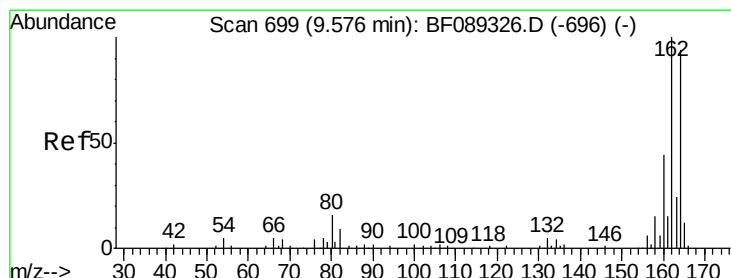
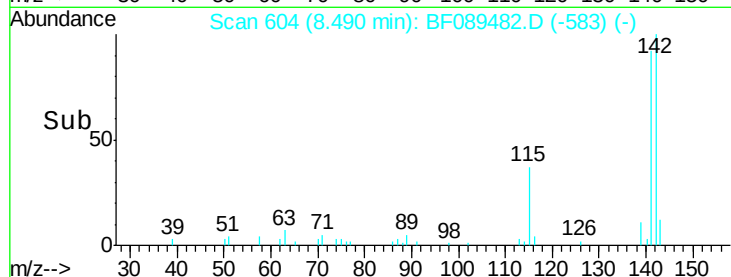
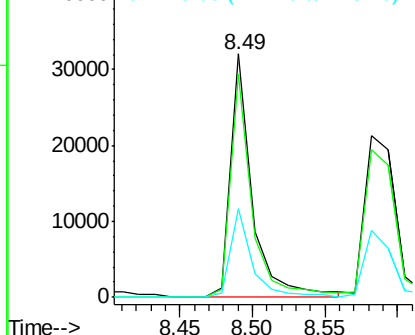
#37
 2-Methylnaphthalene
 Concen: 10.40 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 33572
 Ion Ratio Lower Upper
 142 100
 141 91.6 70.9 106.3
 115 36.5 27.6 41.4

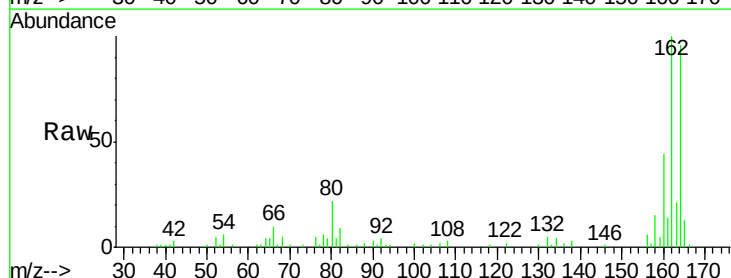


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

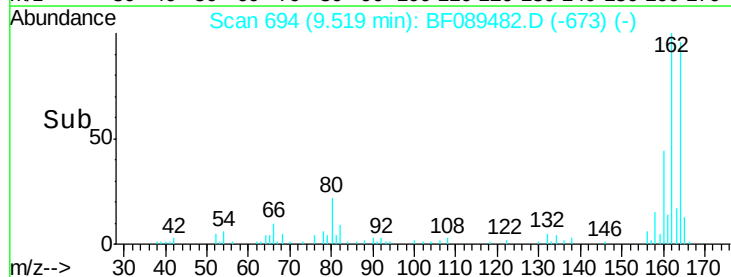
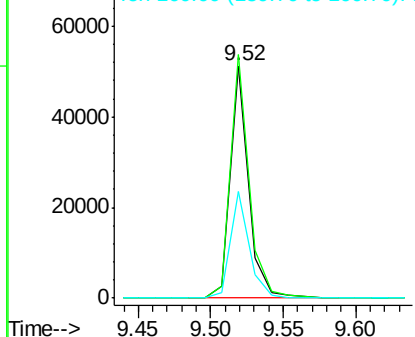


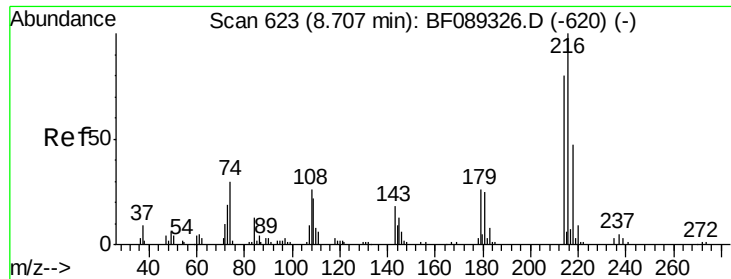
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:164 Resp: 44556
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.7 125.5
 160 45.9 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

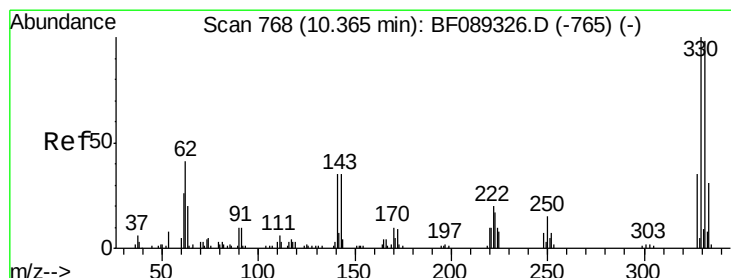
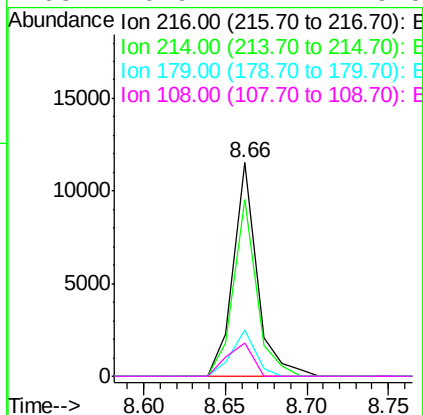
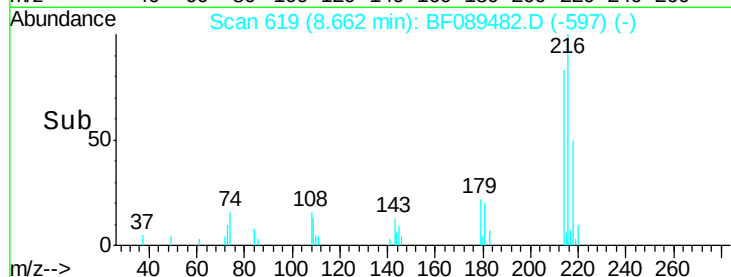
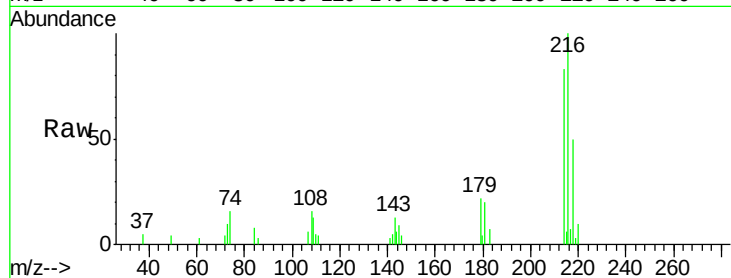




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.45 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

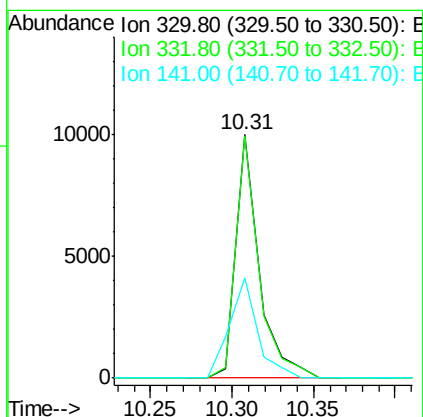
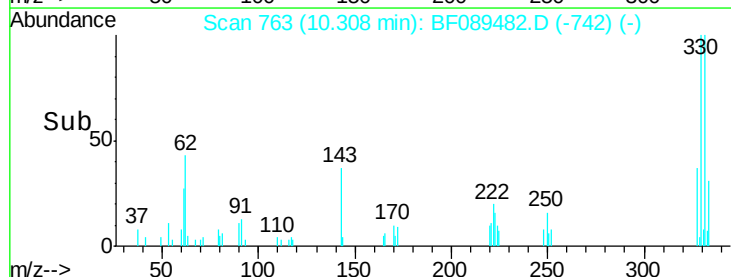
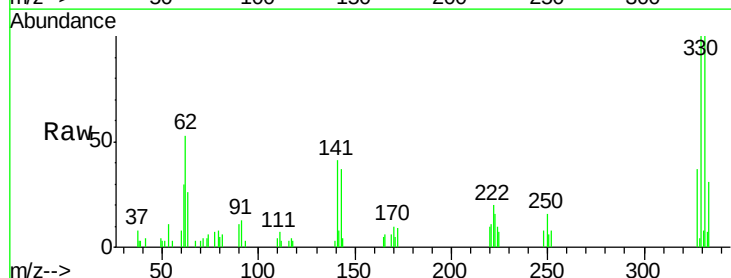
Instrument :
 BNA_F
 ClientSampleId :

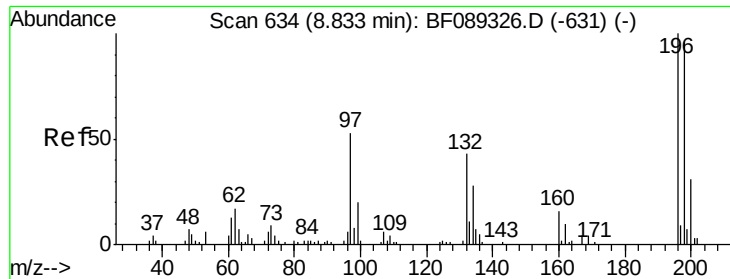
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.3	94.9
179	21.7	18.1	27.1
108	16.9	17.2	25.8



#41
 2,4,6-Tribromophenol
 Concen: 26.64 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.8	115.2
141	49.9	37.3	55.9





#42

2,4,6-Trichlorophenol

Concen: 9.96 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

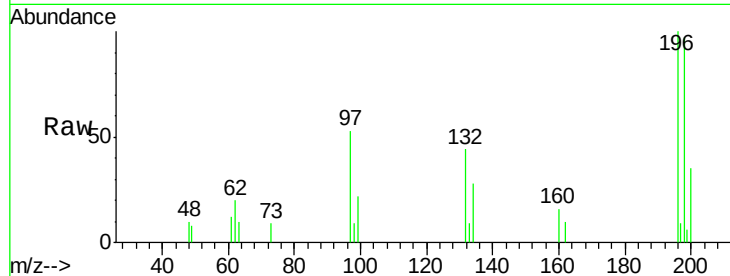
Tot Ion:196 Resp: 7383

Ion Ratio Lower Upper

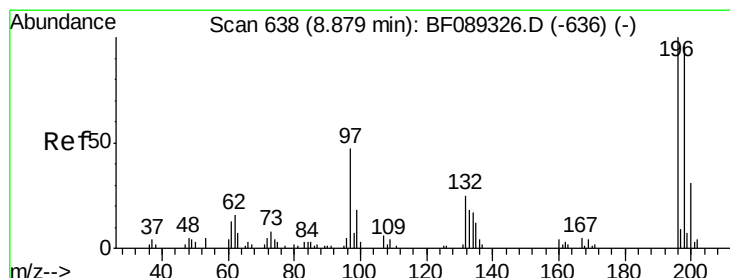
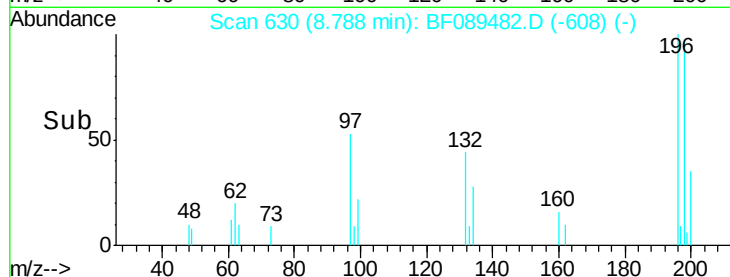
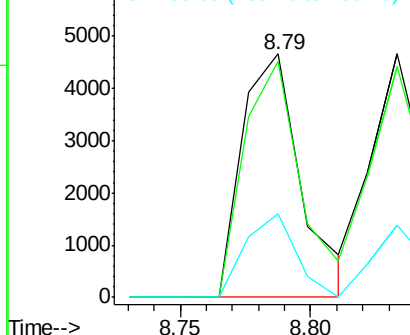
196 100

198 96.9 75.5 113.3

200 34.6 23.9 35.9



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



#43

2,4,5-Trichlorophenol

Concen: 8.94 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Tgt Ion:196 Resp: 8399

Ion Ratio Lower Upper

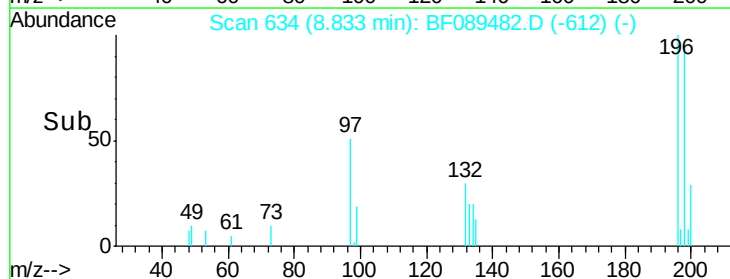
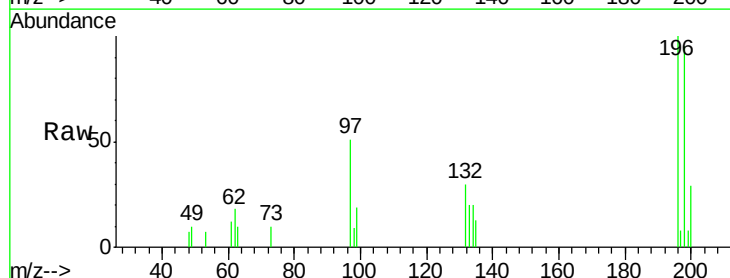
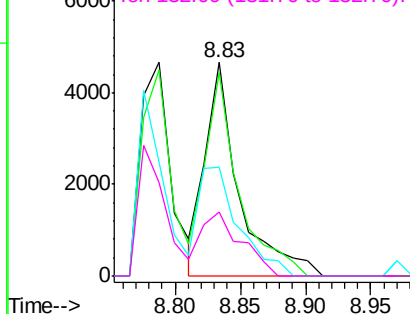
196 100

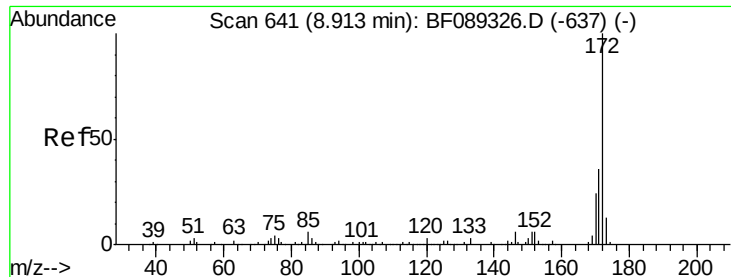
198 95.0 78.7 118.1

97 51.1 39.7 59.5

132 30.1 22.8 34.2

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: 24.36 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

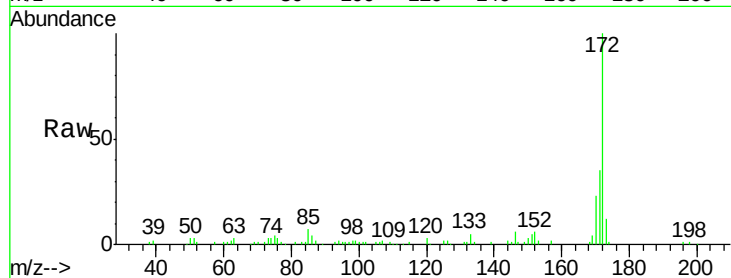
Tot Ion:172 Resp: 73954

Ion Ratio Lower Upper

172 100

171 35.1 29.2 43.8

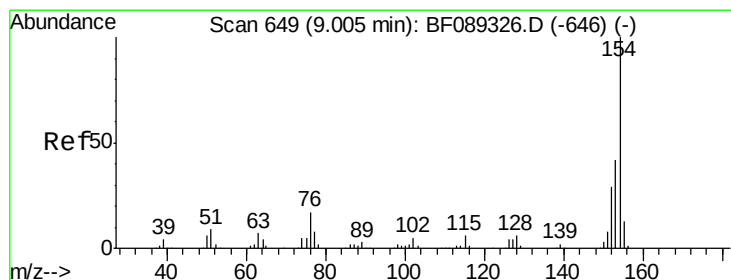
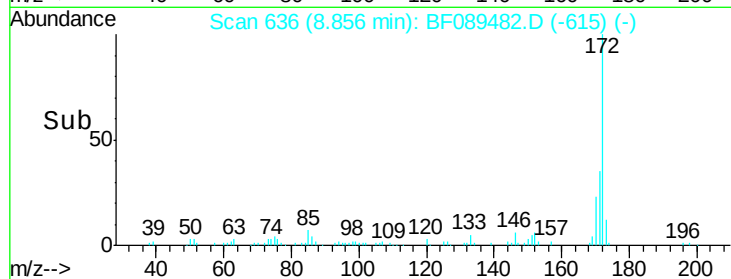
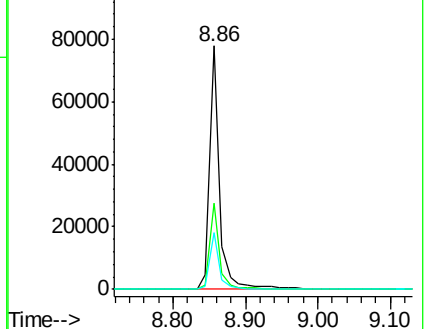
170 23.2 19.2 28.8



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: 8.67 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

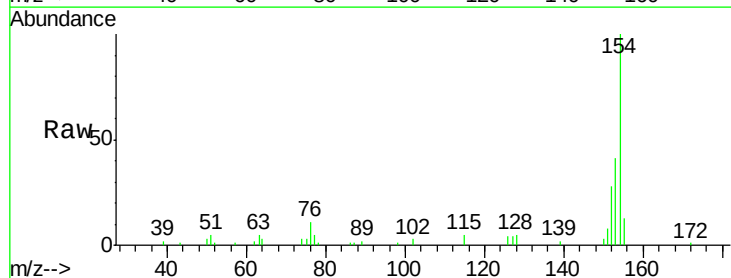
Tgt Ion:154 Resp: 32905

Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

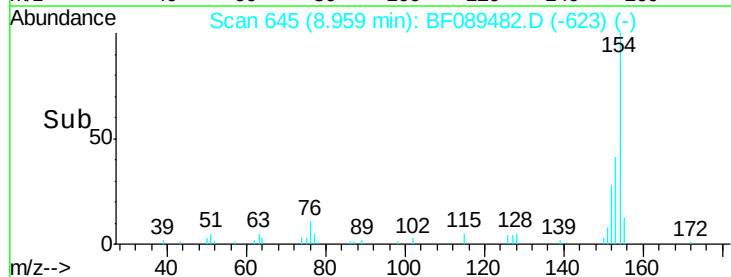
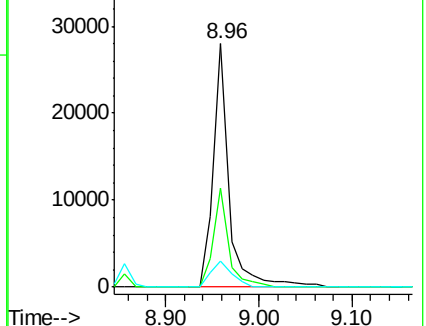
76 10.6 0.0 36.6

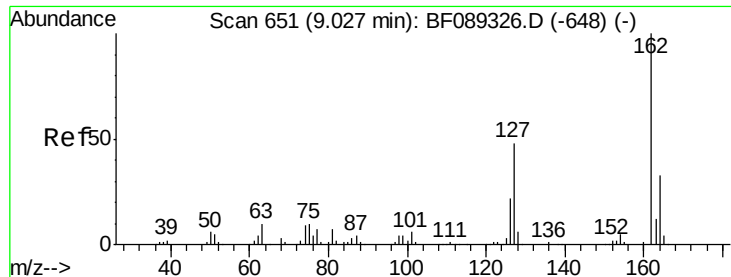


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

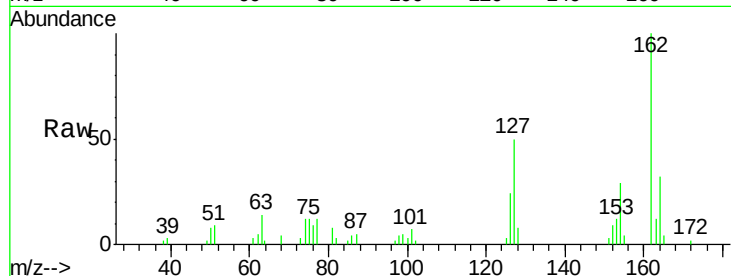




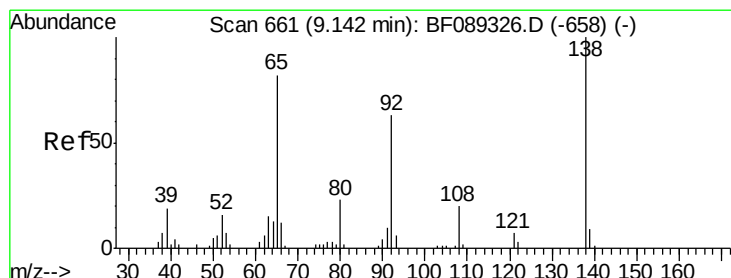
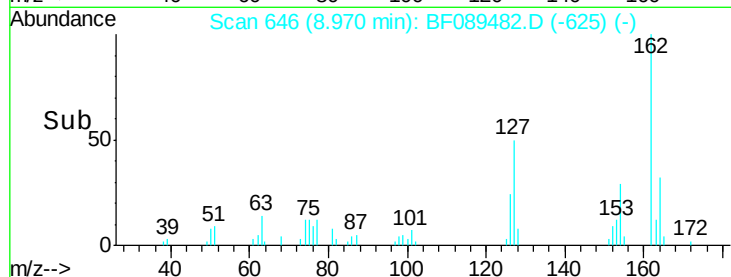
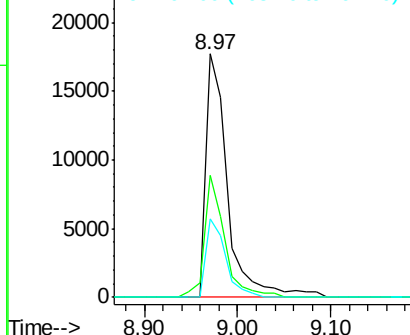
#46
2-Chloronaphthalene
Concen: 10.08 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 28718
Ion Ratio Lower Upper
162 100
127 50.2 37.8 56.8
164 32.3 25.8 38.8

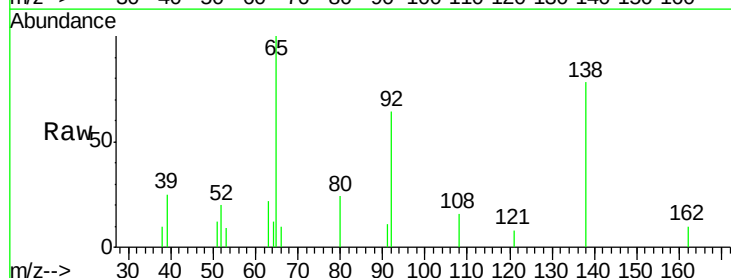


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

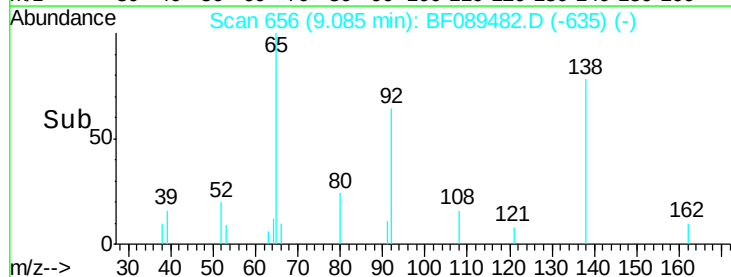
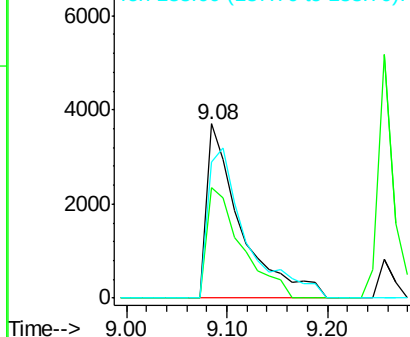


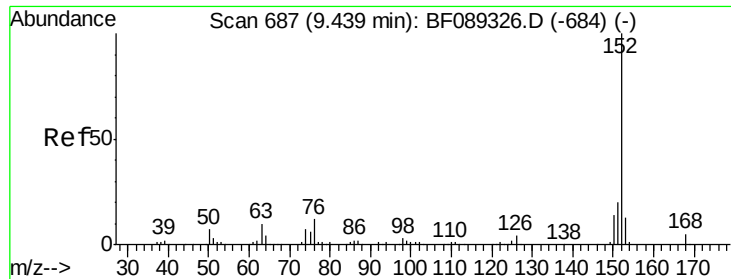
#47
2-Nitroaniline
Concen: 10.32 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion: 65 Resp: 8704
Ion Ratio Lower Upper
65 100
92 63.5 61.0 91.4
138 78.4 99.1 148.7#



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

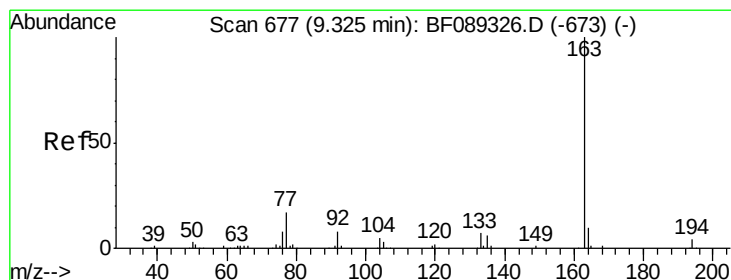
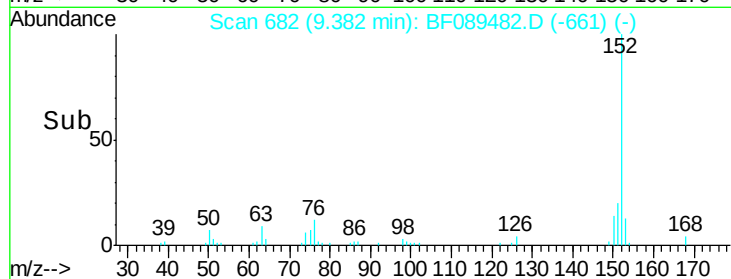
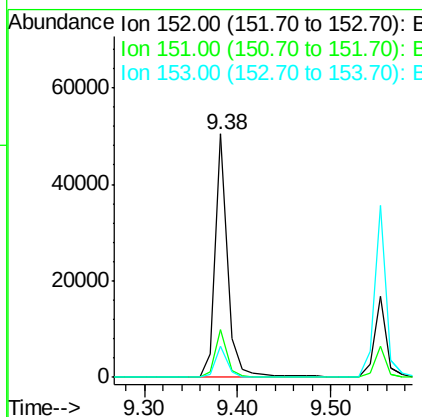
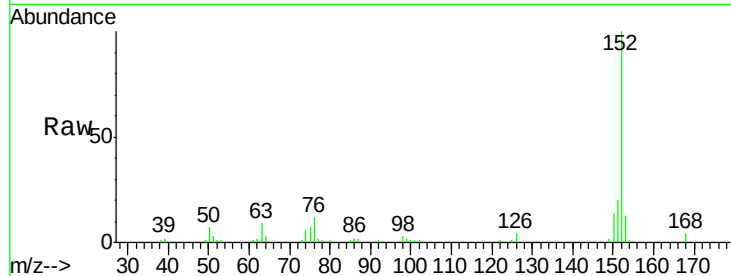




#48
Acenaphthylene
Concen: 10.48 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

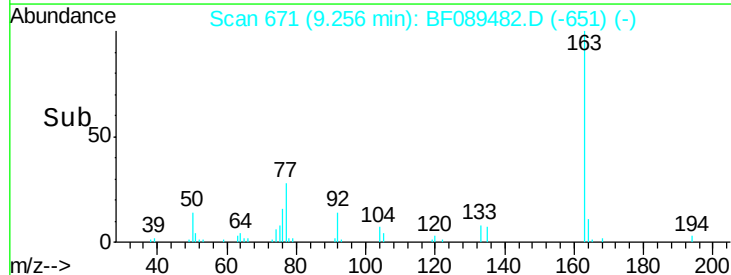
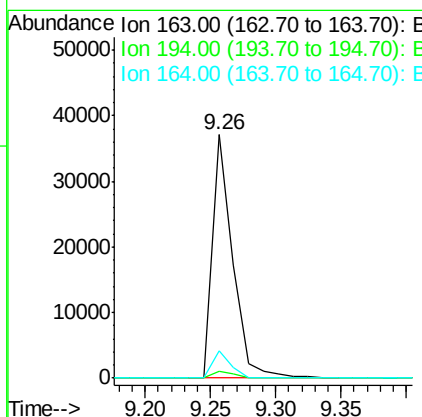
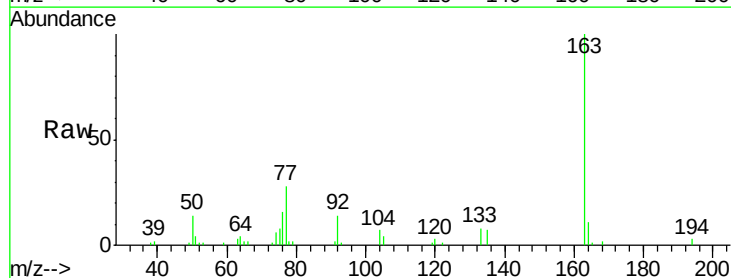
Instrument :
BNA_F
ClientSampleId :

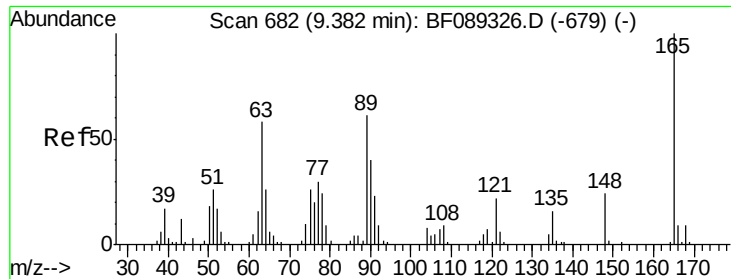
Tot Ion:152 Resp: 47041
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 12.6 10.2 15.4



#49
Dimethylphthalate
Concen: 11.89 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:163 Resp: 40313
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 11.0 7.8 11.8

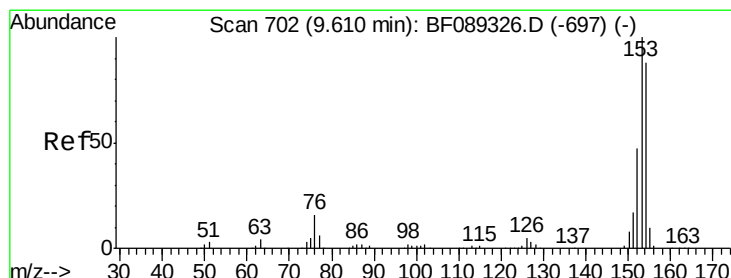
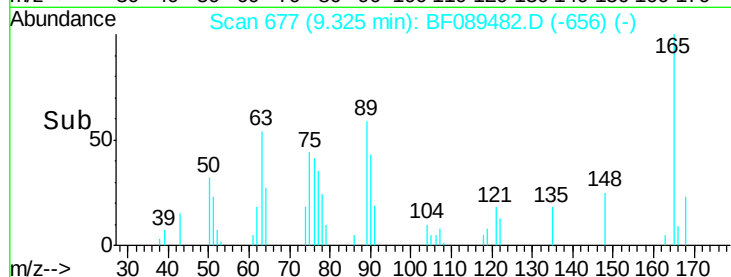
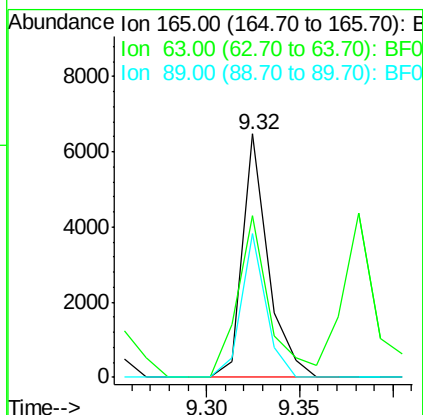
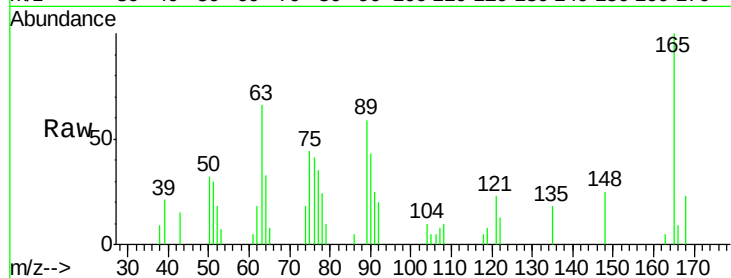




#50
2,6-Dinitrotoluene
Concen: 8.90 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

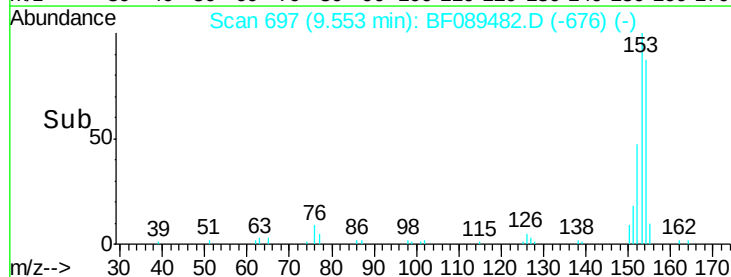
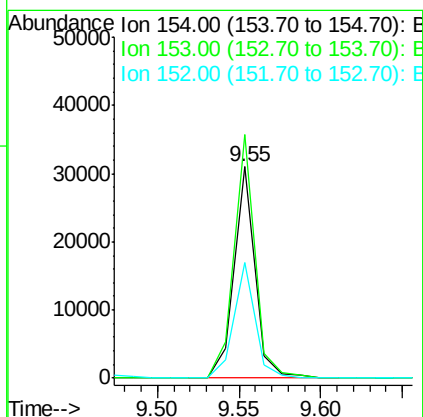
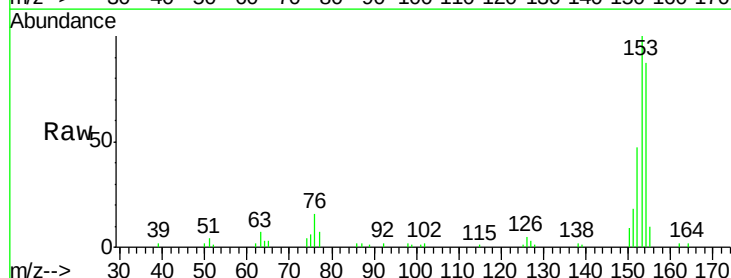
Instrument :
BNA_F
ClientSampled :

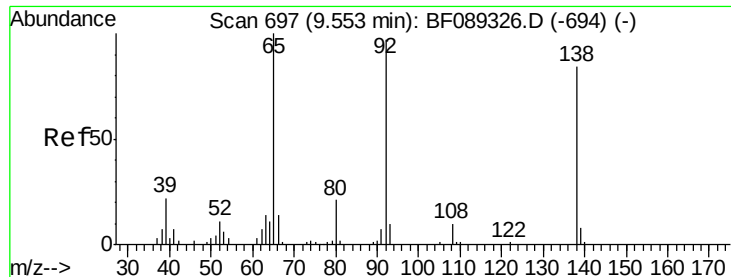
Tot Ion:165 Resp: 6202
Ion Ratio Lower Upper
165 100
63 66.5 43.5 65.3#
89 59.2 45.0 67.4



#51
Acenaphthene
Concen: 10.38 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:154 Resp: 27215
Ion Ratio Lower Upper
154 100
153 115.3 91.4 137.2
152 54.6 43.8 65.6





#52

3-Nitroaniline

Concen: 8.68 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

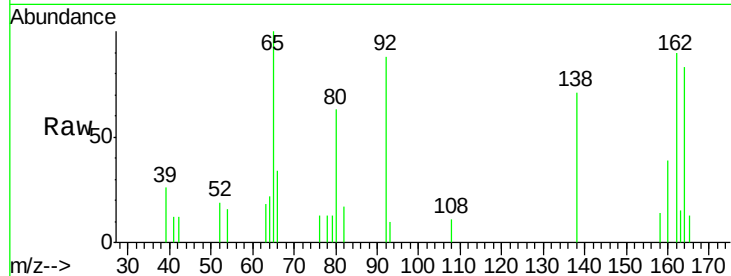
Tot Ion:138 Resp: 6379

Ion Ratio Lower Upper

138 100

108 15.5 8.6 13.0#

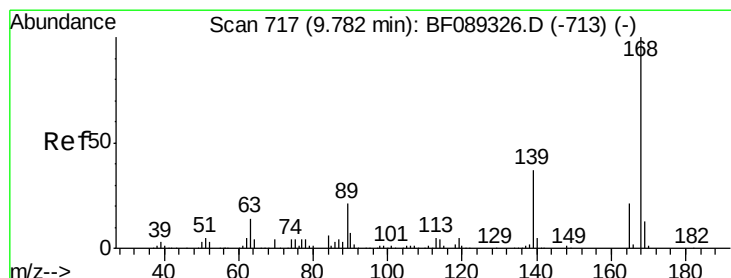
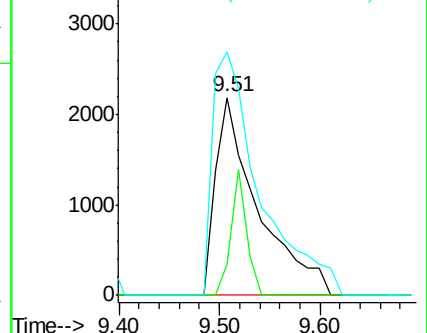
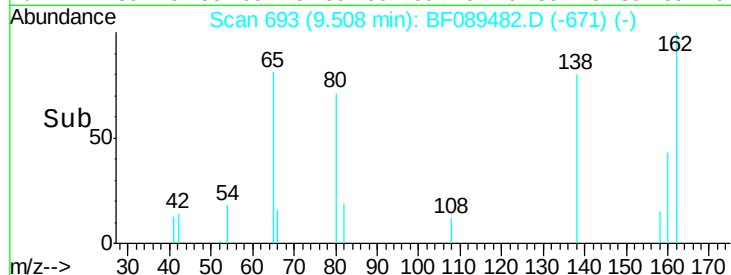
92 123.2 90.0 135.0



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



#54

Dibenzofuran

Concen: 11.21 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

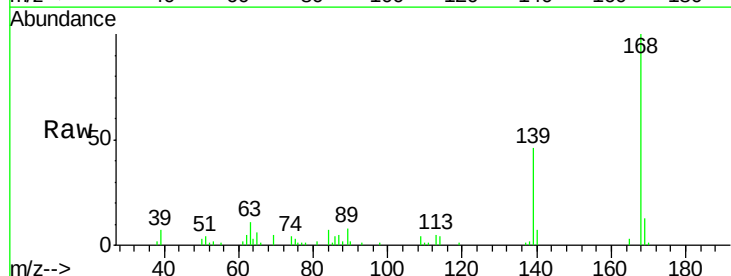
Tgt Ion:168 Resp: 40036

Ion Ratio Lower Upper

168 100

139 46.2 33.7 50.5

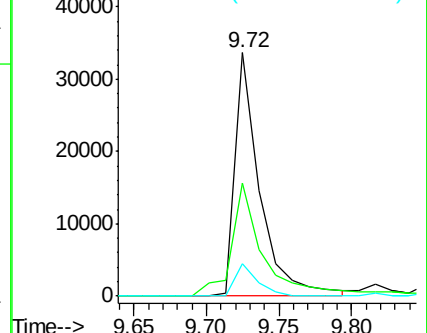
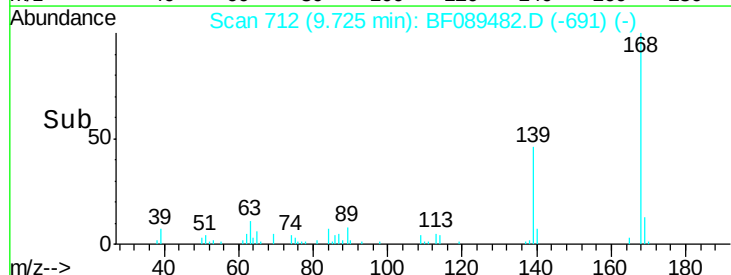
169 13.4 10.7 16.1

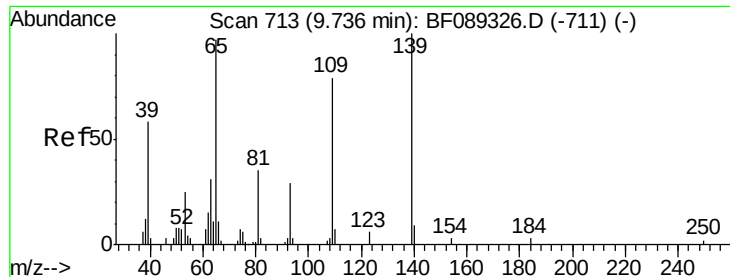


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

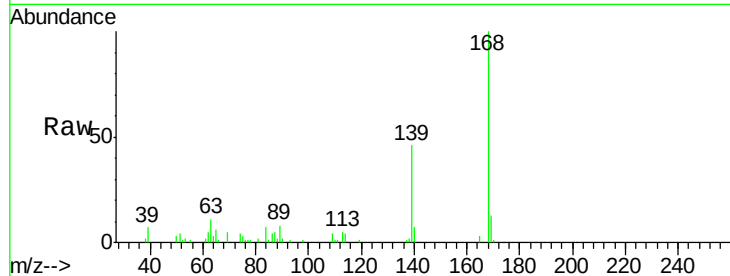




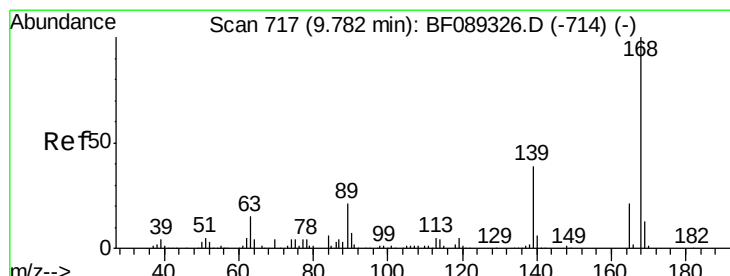
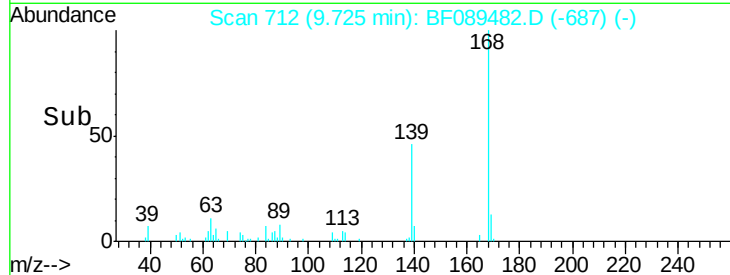
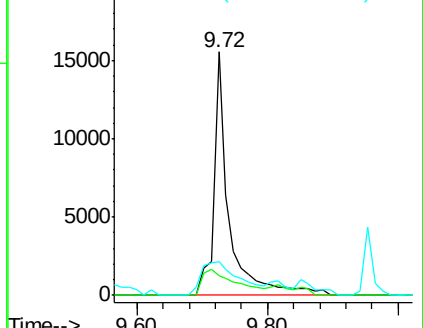
#55
4-Nitrophenol
Concen: 71.61 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 25390
Ion Ratio Lower Upper
139 100
109 7.9 57.8 97.8#
65 13.6 81.7 121.7#

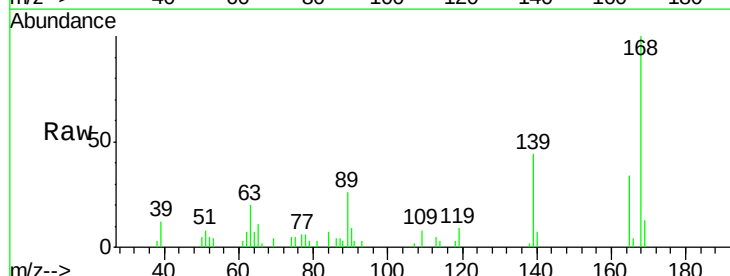


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

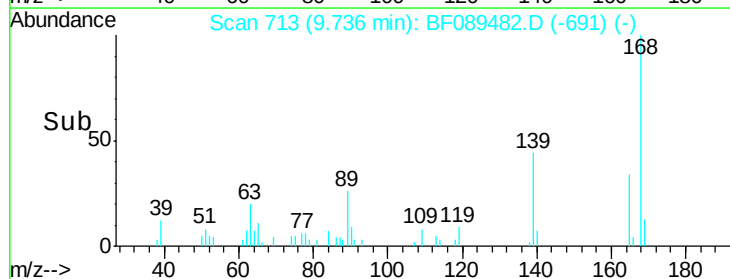
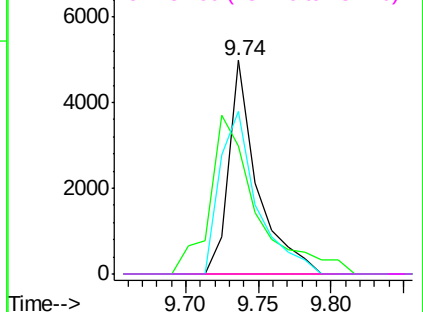


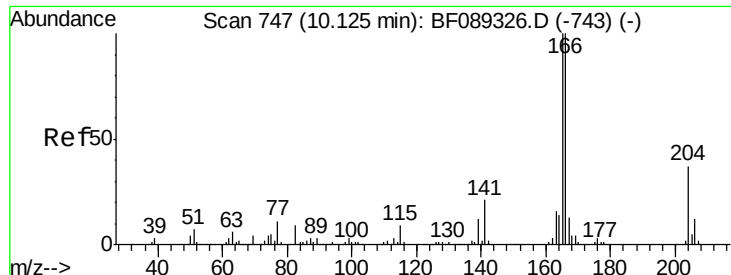
#56
2,4-Dinitrotoluene
Concen: 7.45 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:165 Resp: 6834
Ion Ratio Lower Upper
165 100
63 59.9 58.2 87.2
89 75.8 79.1 118.7#
182 0.0 1.8 2.8#



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

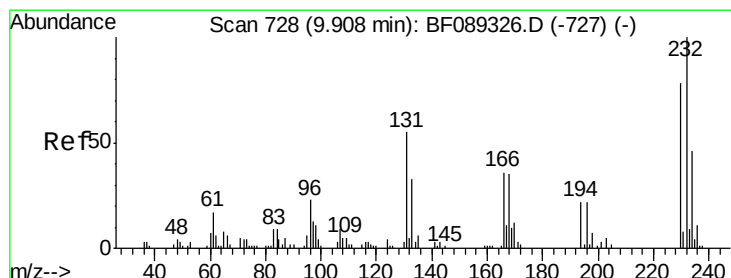
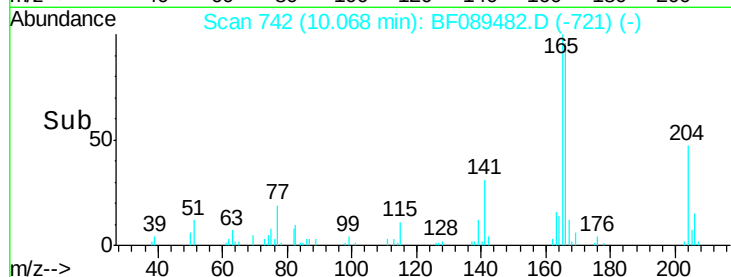
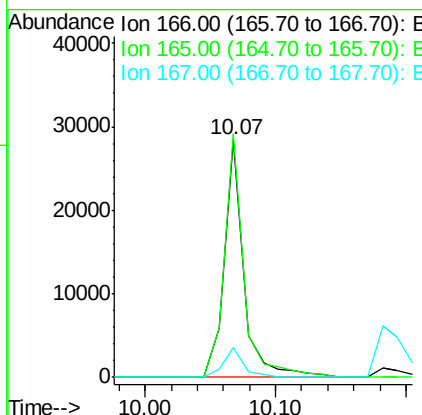
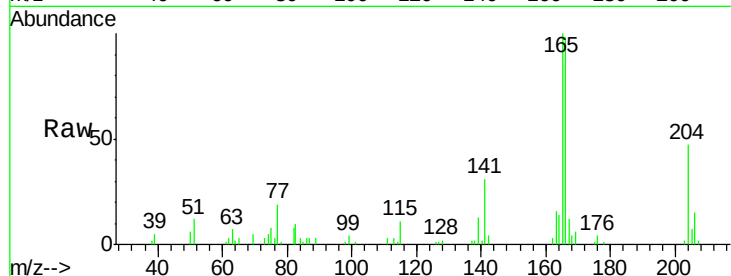




#57
 Fluorene
 Concen: 9.63 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

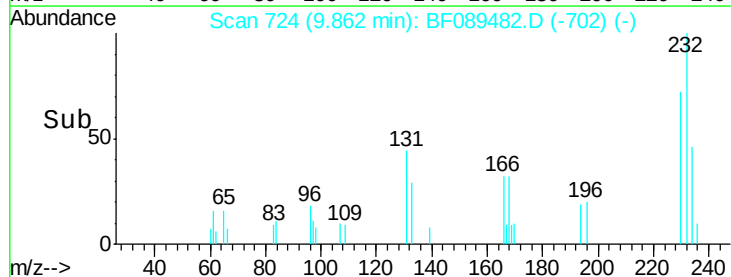
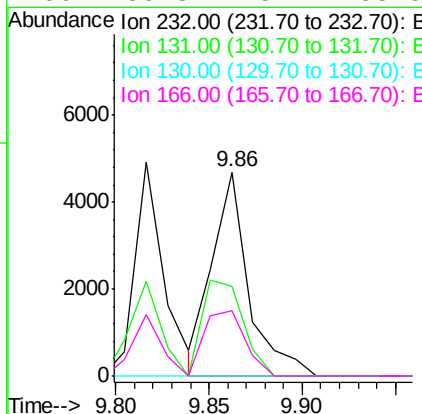
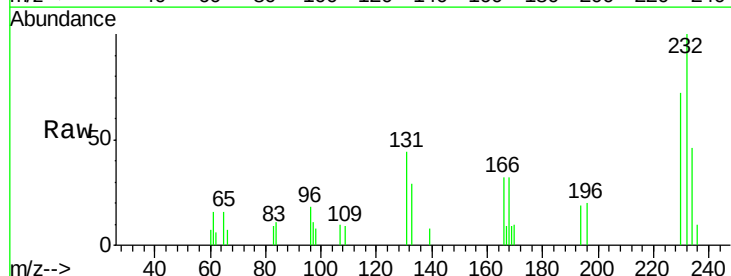
Instrument :
 BNA_F
 ClientSampleId :

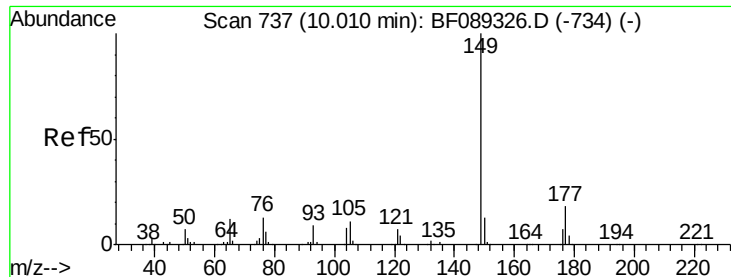
Tot Ion:166 Resp: 30011
 Ion Ratio Lower Upper
 166 100
 165 102.4 79.0 118.4
 167 12.7 10.2 15.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.19 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:232 Resp: 6389
 Ion Ratio Lower Upper
 232 100
 131 52.1 42.7 64.1
 130 0.0 1.7 2.5#
 166 35.8 25.7 38.5

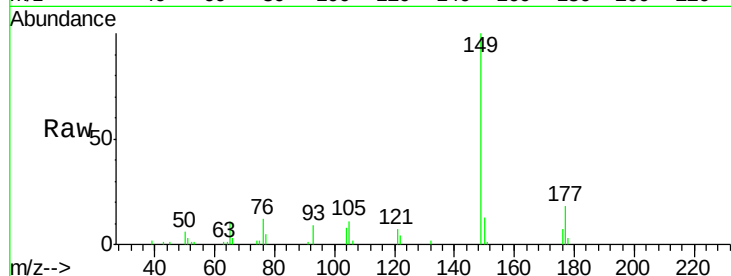




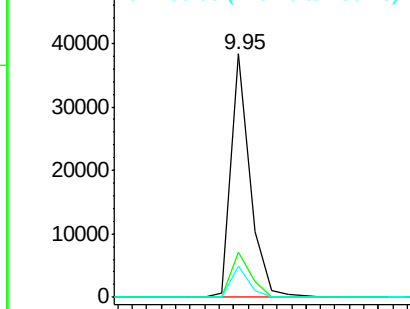
#59
Diethylphthalate
Concen: 10.27 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Instrument :
BNA_F
ClientSampleId :

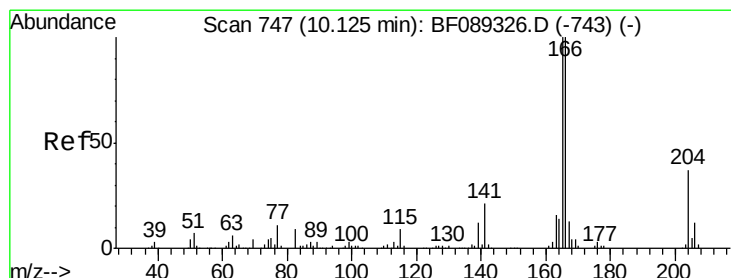
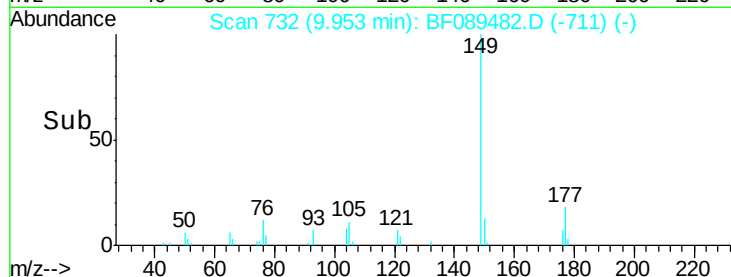
Tot Ion:149 Resp: 35291
Ion Ratio Lower Upper
149 100
177 18.5 15.1 22.7
150 12.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

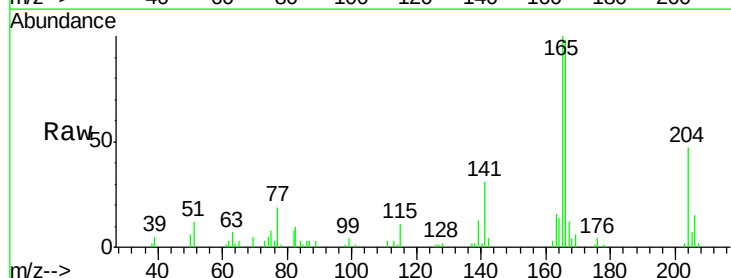


Time-->

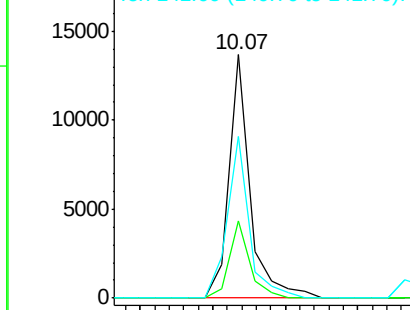


#60
4-Chlorophenyl-phenylether
Concen: 9.64 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

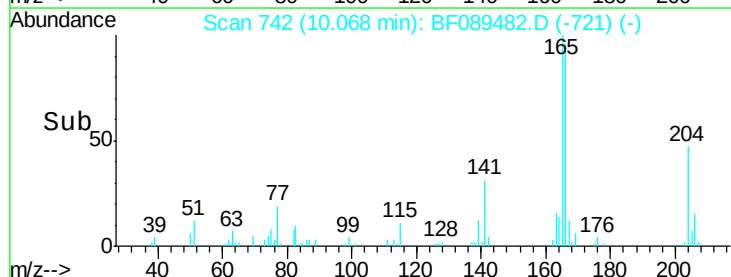
Tgt Ion:204 Resp: 13789
Ion Ratio Lower Upper
204 100
206 31.9 26.6 39.8
141 66.5 46.6 70.0

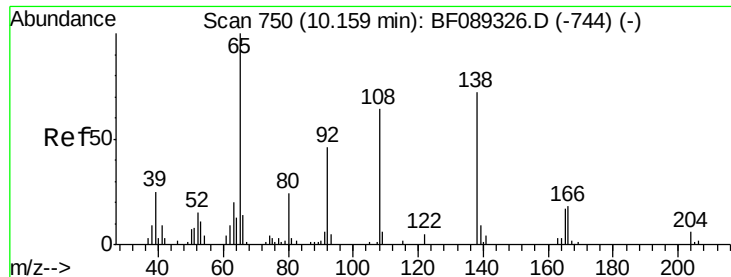


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

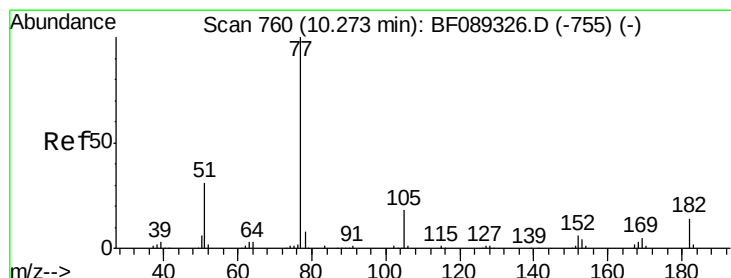
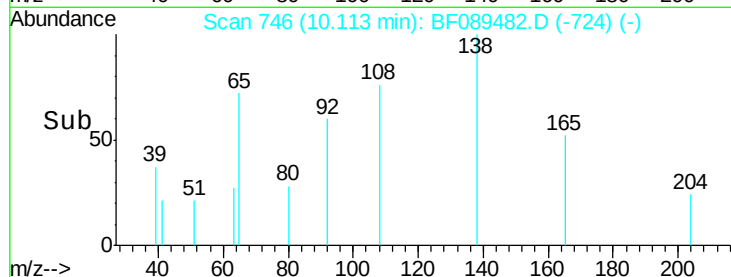
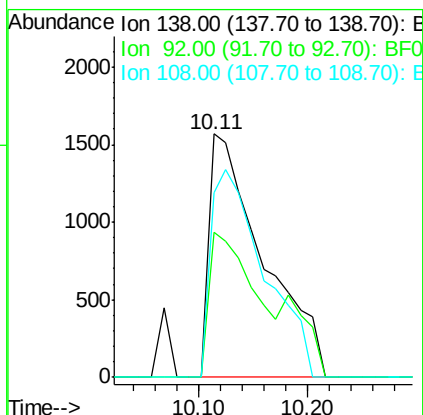
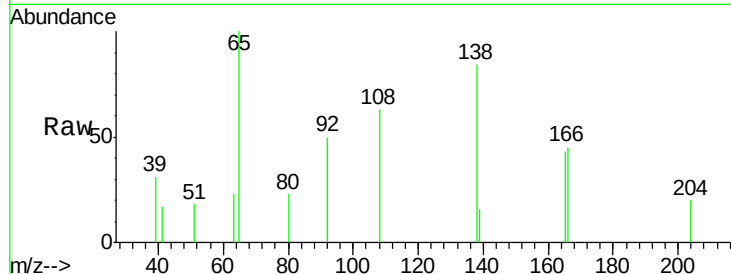




#61
4-Nitroaniline
Concen: 7.20 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

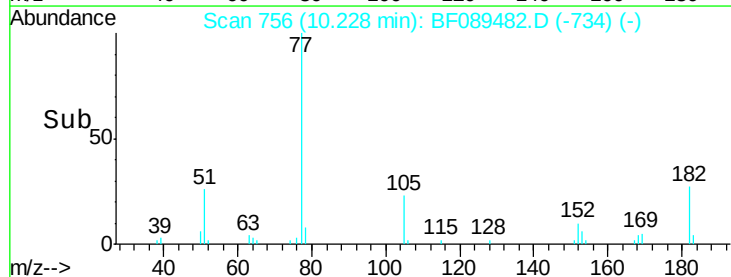
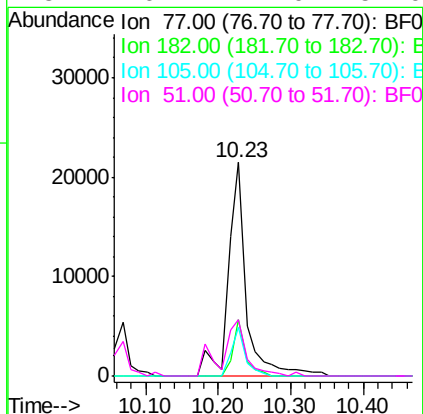
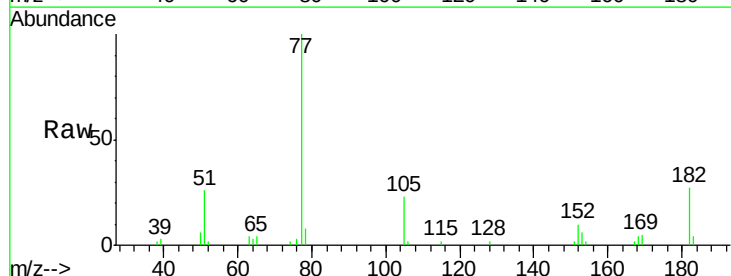
Instrument :
BNA_F
ClientSampleId :

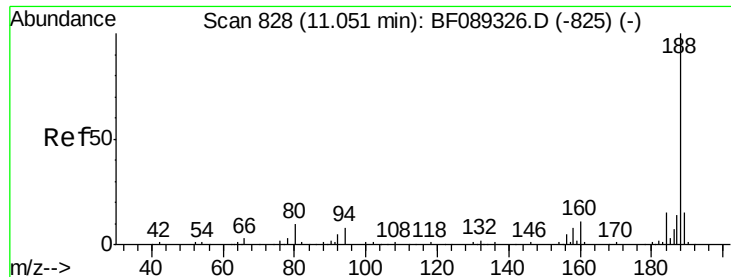
Tot Ion:138 Resp: 5454
Ion Ratio Lower Upper
138 100
92 59.8 41.2 81.2
108 75.8 69.6 109.6



#62
Azobenzene
Concen: 10.35 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion: 77 Resp: 36627
Ion Ratio Lower Upper
77 100
182 26.5 0.0 33.8
105 23.1 0.0 39.8
51 26.1 11.0 51.0

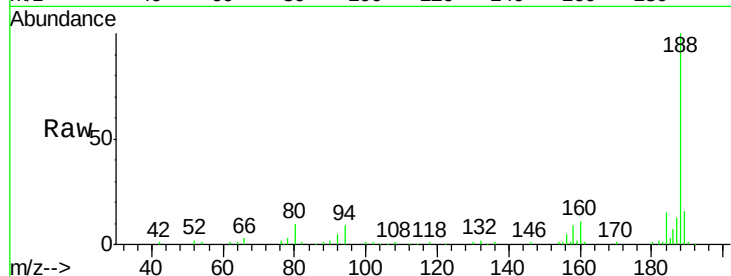




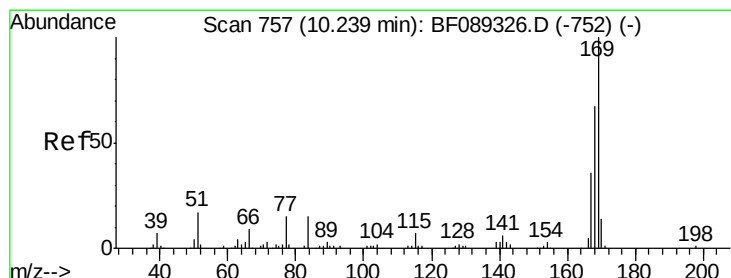
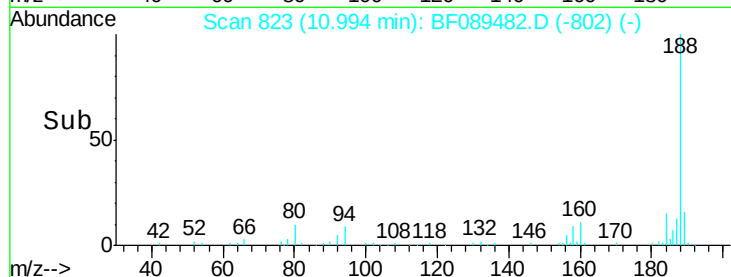
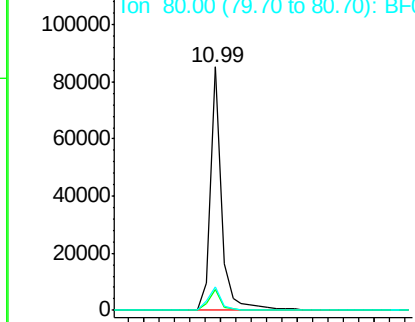
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 85555
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.5 9.7
 80 9.7 7.2 10.8

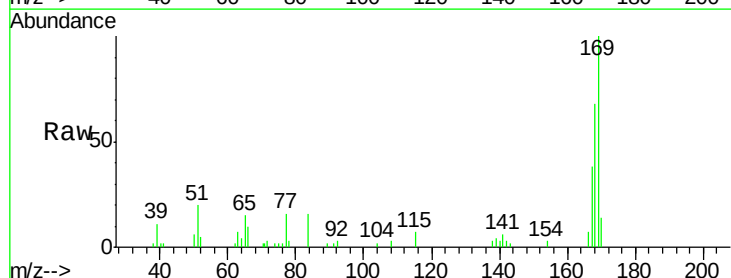


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

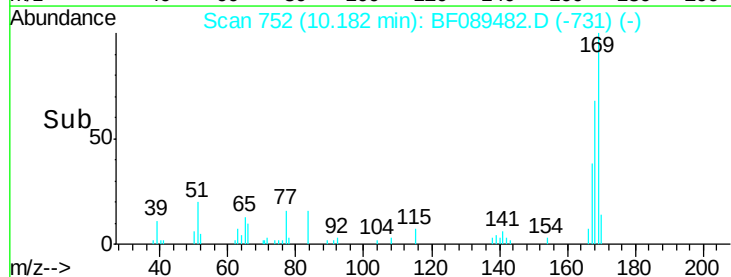
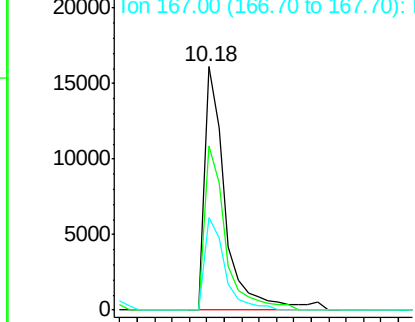


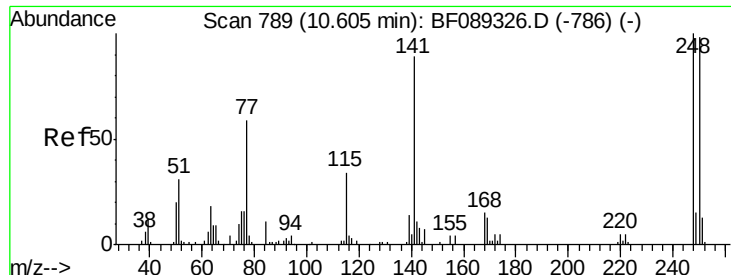
#65
 n-Nitrosodiphenylamine
 Concen: 10.09 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:169 Resp: 26932
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.4 83.0
 167 38.1 29.7 44.5



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

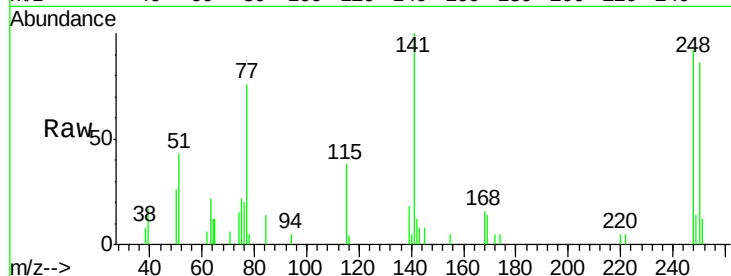




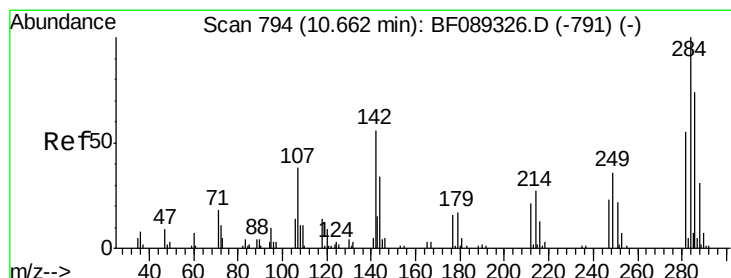
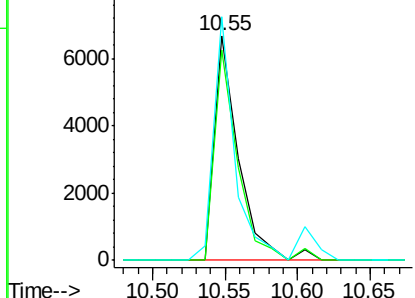
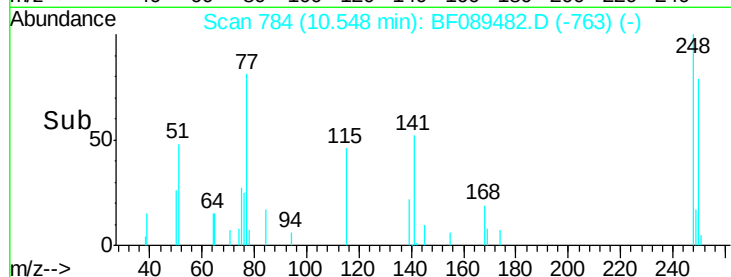
#66
 4-Bromophenyl-phenylether
 Concen: 9.43 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7701
 Ion Ratio Lower Upper
 248 100
 250 93.7 78.2 117.2
 141 108.4 62.0 93.0#

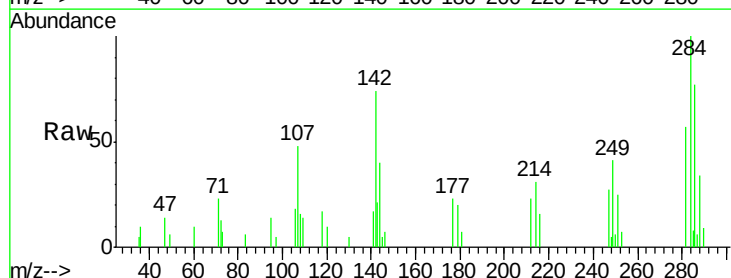


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

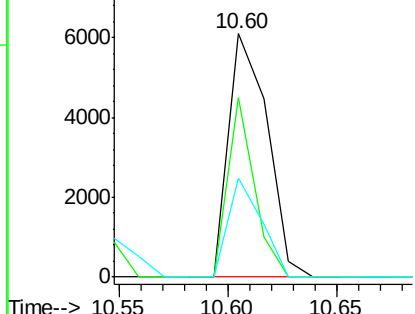
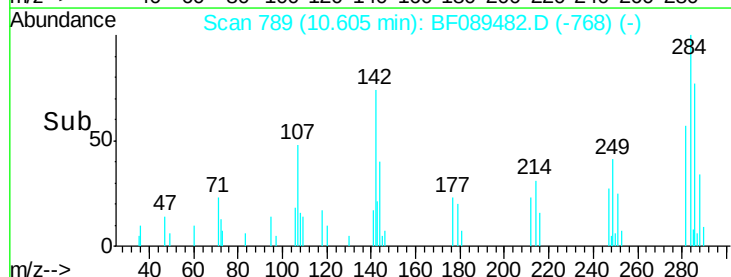


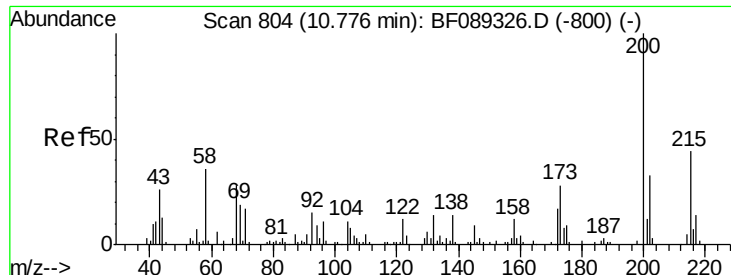
#67
 Hexachlorobenzene
 Concen: 9.01 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:284 Resp: 7539
 Ion Ratio Lower Upper
 284 100
 142 73.5 42.2 63.4#
 249 40.7 29.4 44.0



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

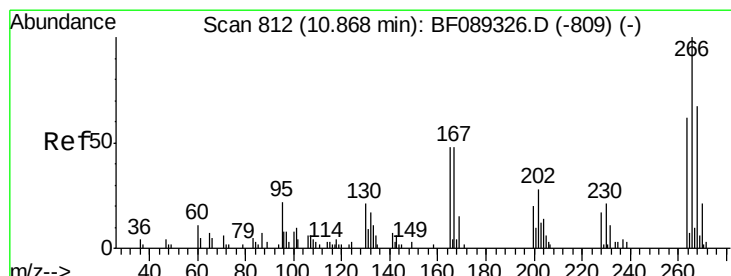
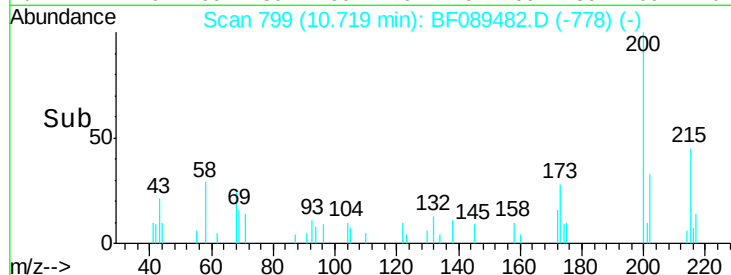
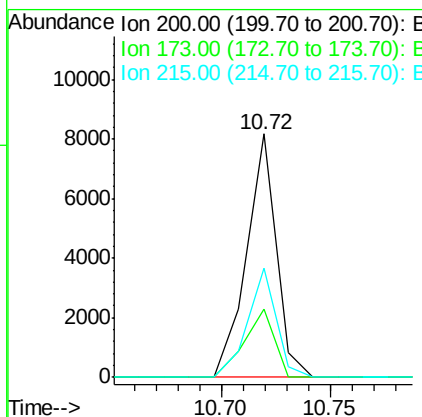
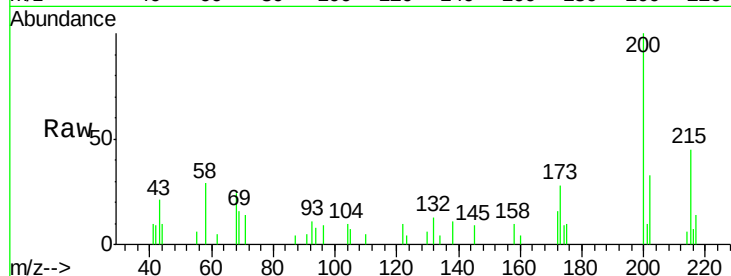




#68
 Atrazine
 Concen: 9.46 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

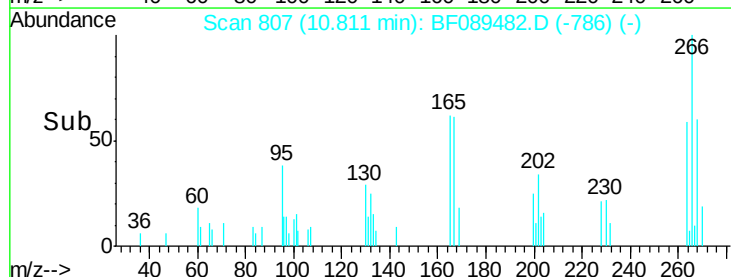
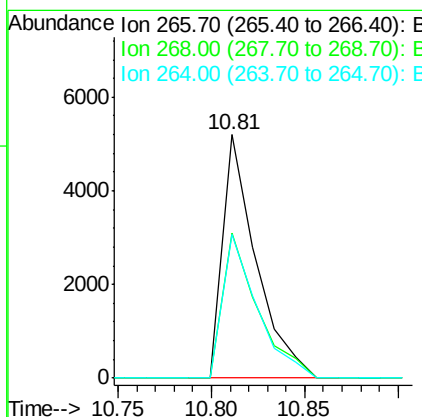
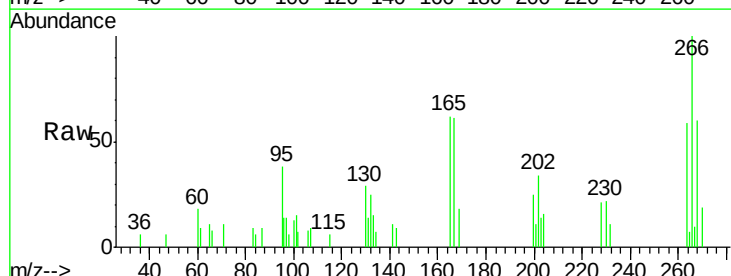
Instrument :
 BNA_F
 ClientSampleId :

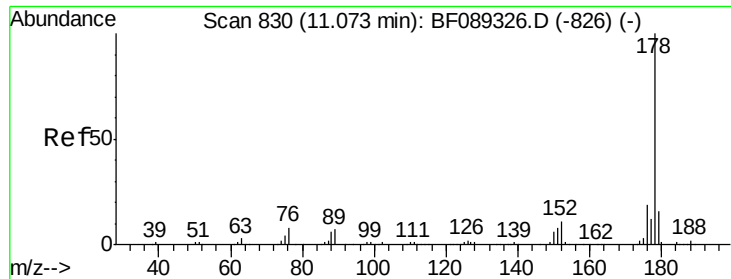
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.0	46.0
215	44.6	24.3	64.3



#69
 Pentachlorophenol
 Concen: 20.92 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.6	49.4	74.2
264	59.2	50.2	75.2





#70

Phenanthrene

Concen: 10.78 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

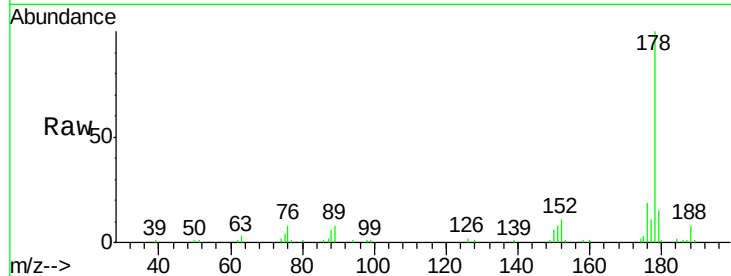
Tot Ion:178 Resp: 47579

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

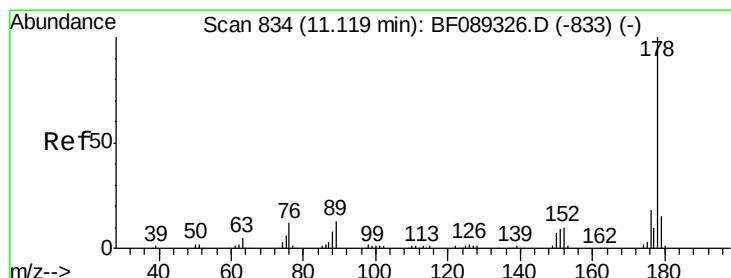
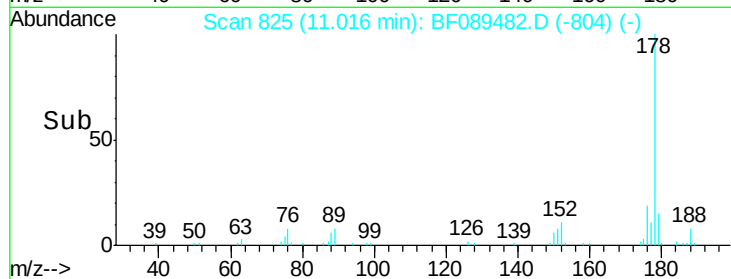
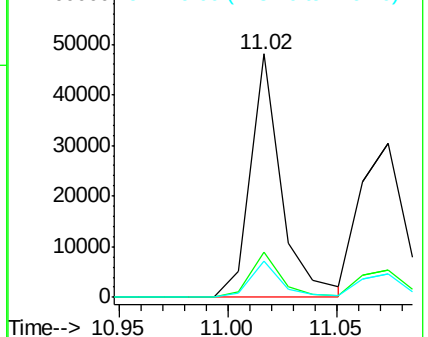
179 15.1 12.3 18.5



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: 10.47 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

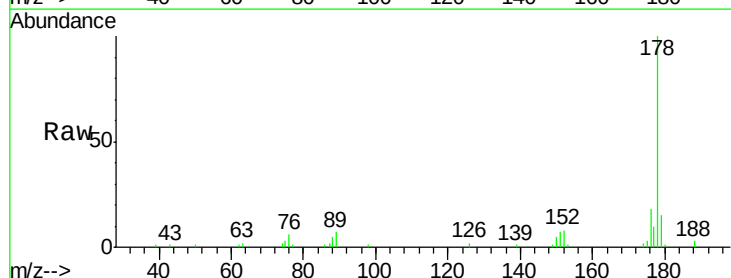
Tgt Ion:178 Resp: 51385

Ion Ratio Lower Upper

178 100

176 17.5 14.8 22.2

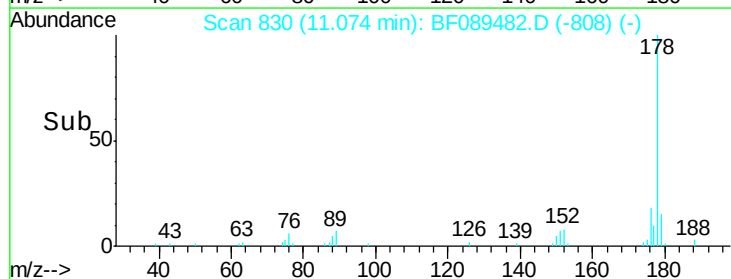
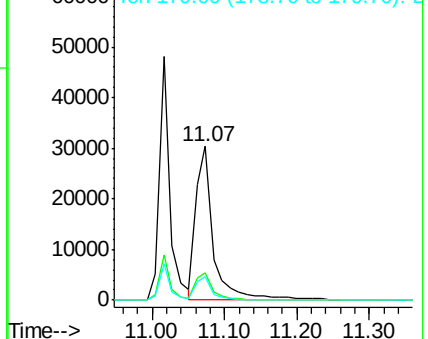
179 15.2 12.6 18.8

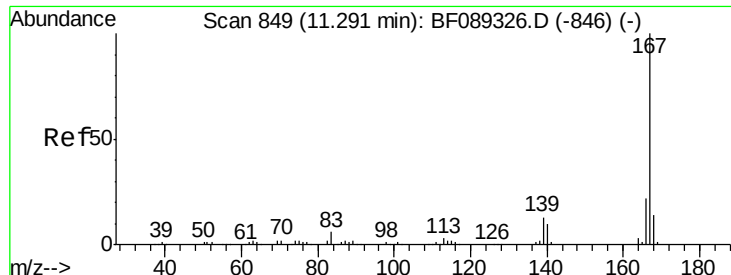


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 10.89 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.06 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

Instrument :

BNA_F

ClientSampleId :

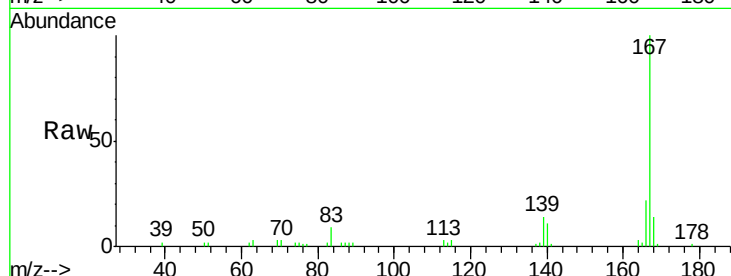
Tot Ion:167 Resp: 44969

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

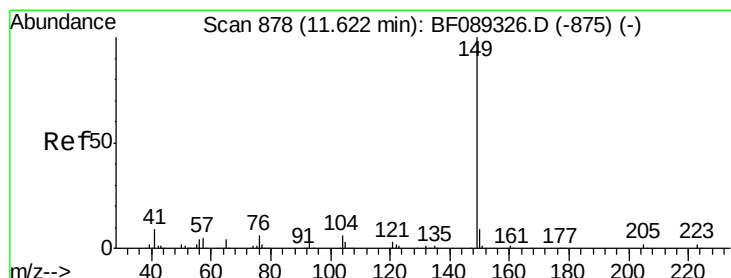
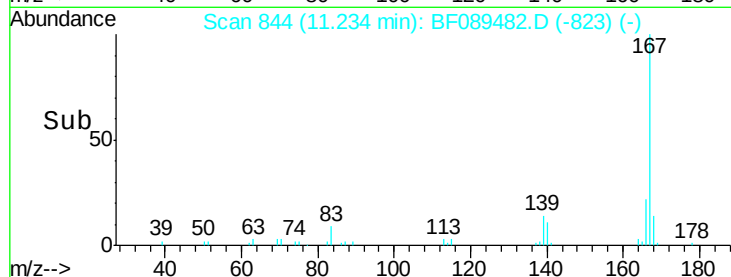
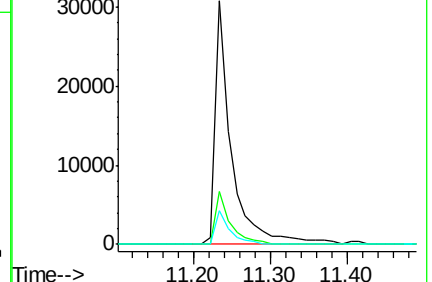
139 14.1 10.1 15.1



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: 10.80 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.05 min

Lab File: BF089482.D

Acq: 31 Jul 2016 20:48

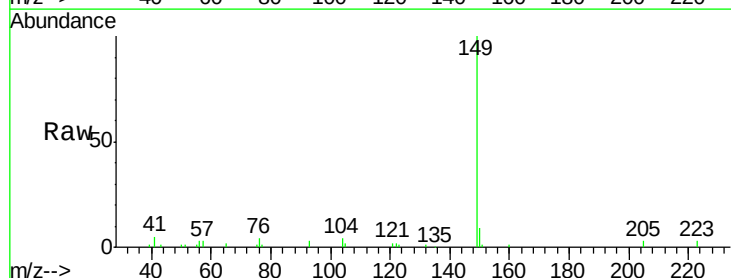
Tgt Ion:149 Resp: 59840

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

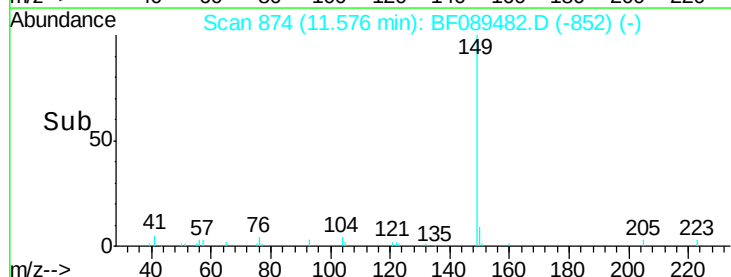
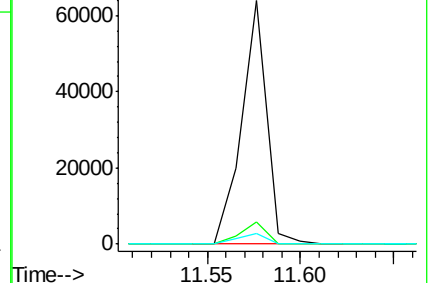
104 4.4 4.7 7.1#

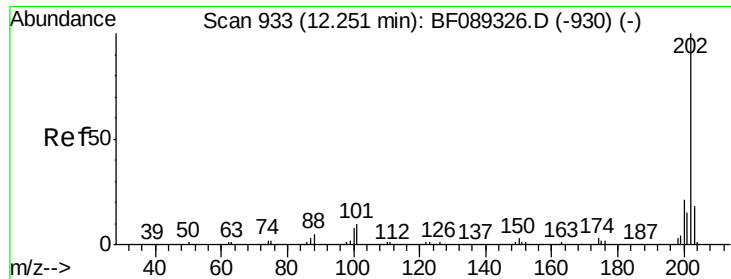


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

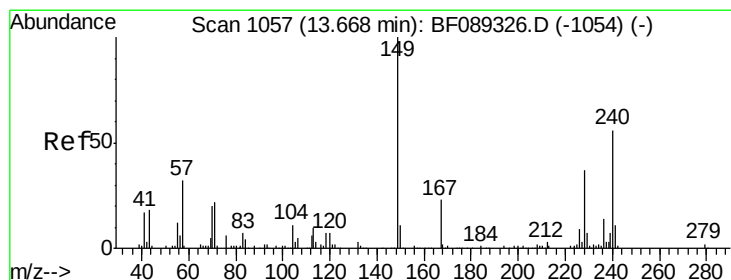
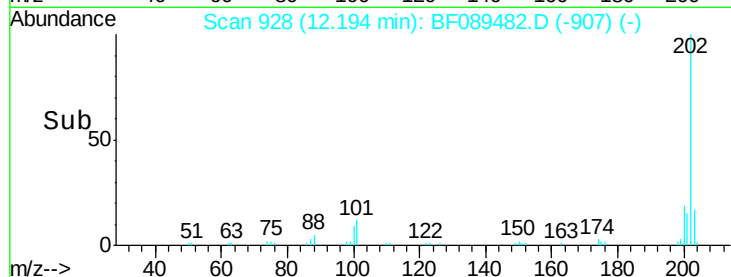
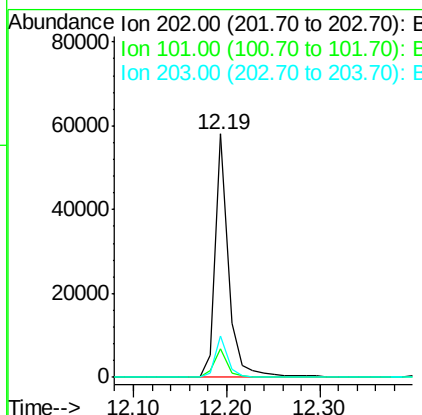
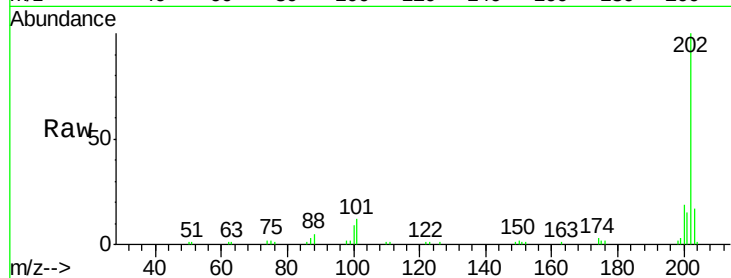




#74
 Fluoranthene
 Concen: 12.38 ng
 RT: 12.19 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

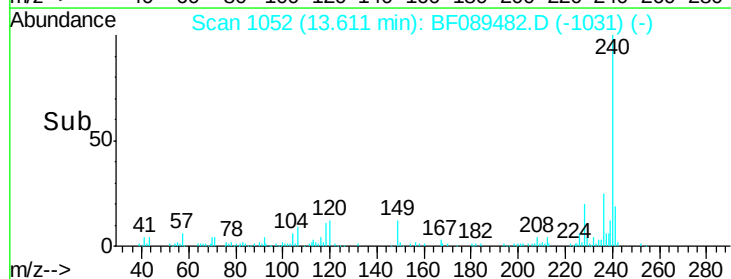
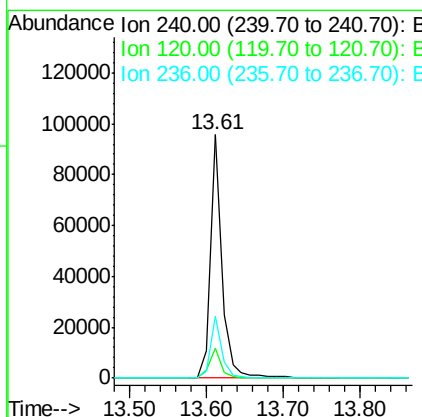
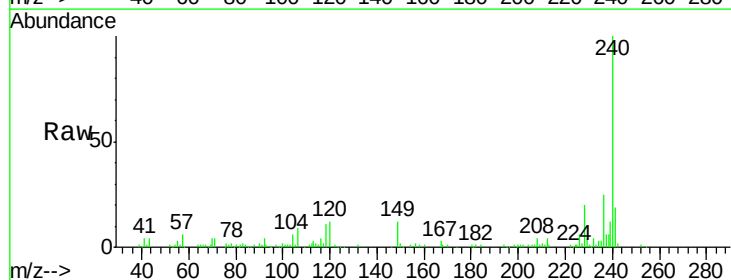
Instrument :
 BNA_F
 ClientSampleId :

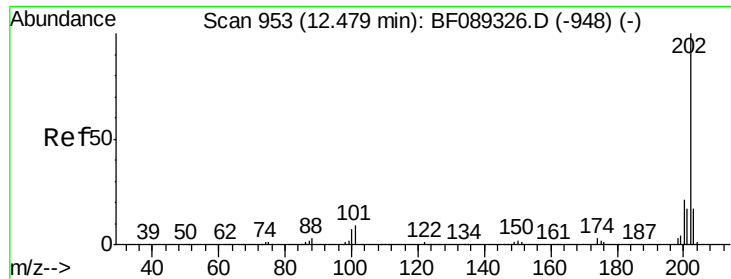
Tot Ion:202 Resp: 57450
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 29.9
 203 17.1 0.0 37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:240 Resp: 98693
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.1 13.7
 236 25.4 20.6 30.8

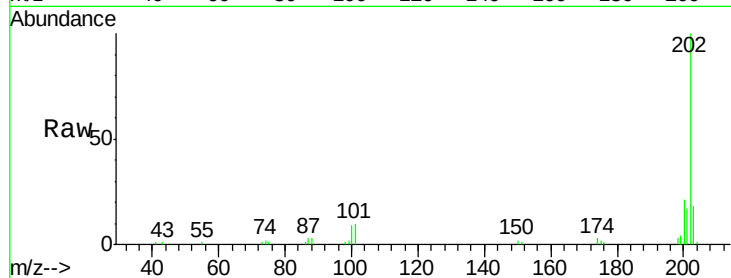




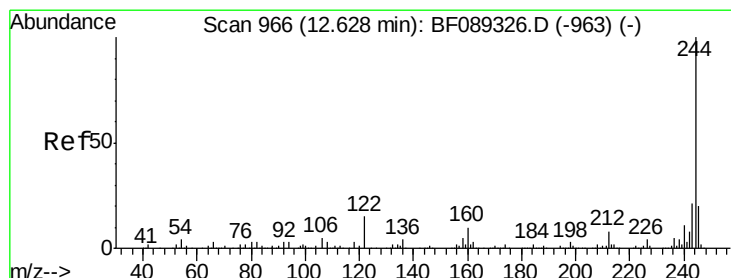
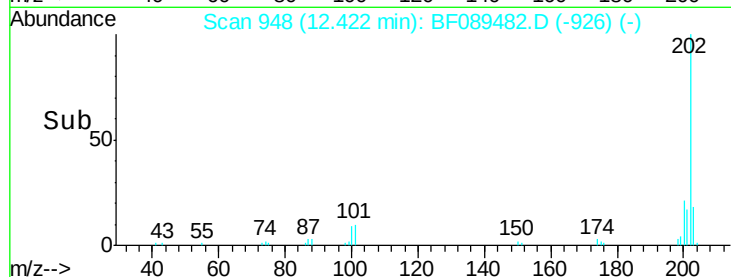
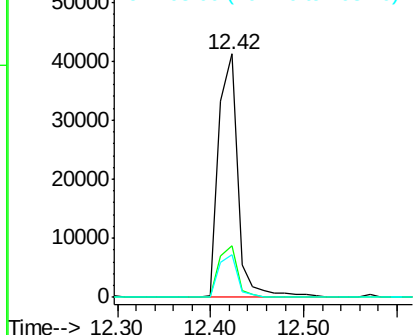
#77
Pvrene
Concen: 7.87 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 58896
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 14.0 21.0

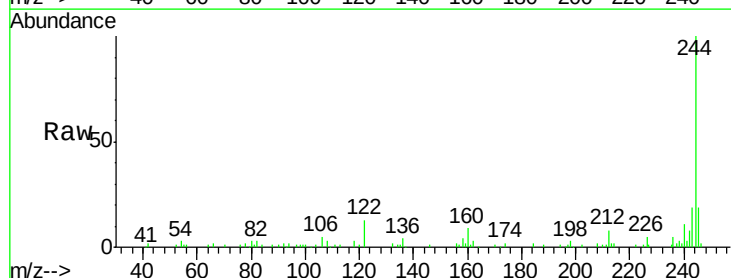


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

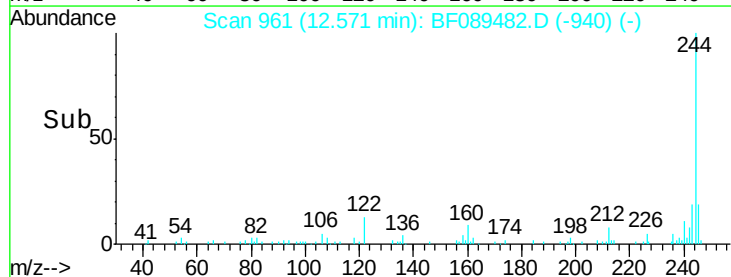
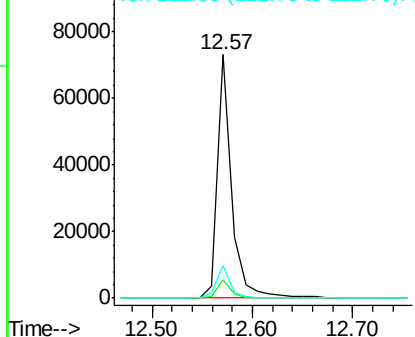


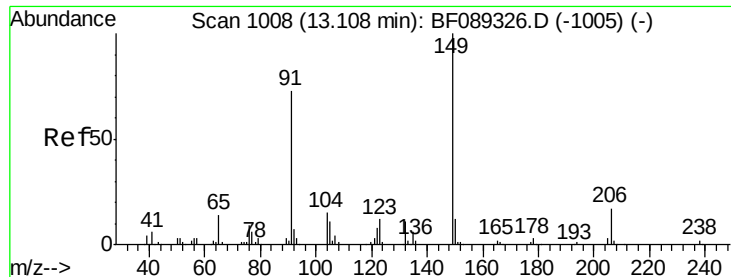
#78
Terphenyl-d14
Concen: 16.95 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:244 Resp: 71492
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 13.2 11.4 17.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

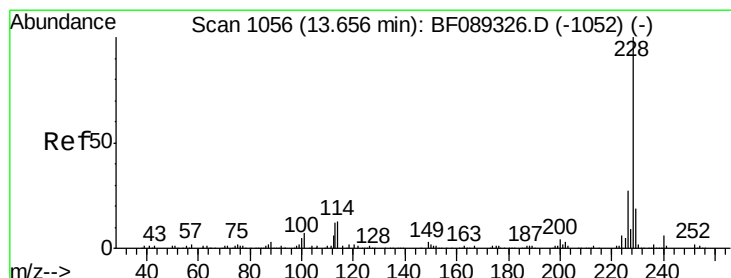
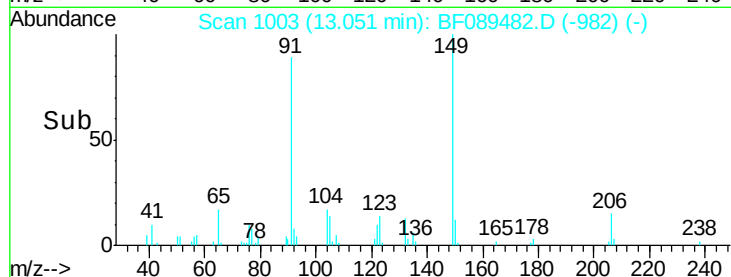
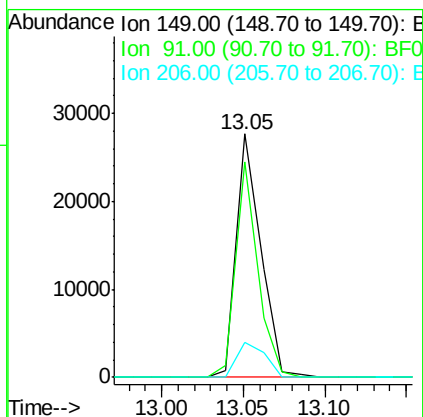
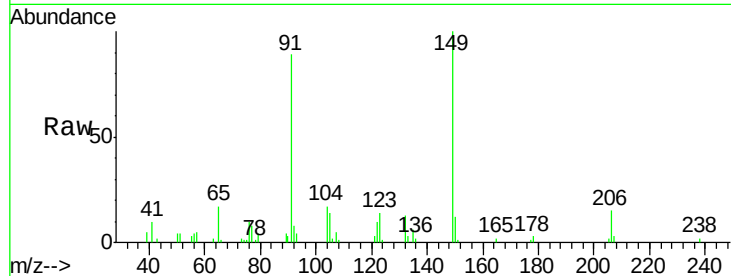




#79
Butylbenzylphthalate
Concen: 8.42 ng
RT: 13.05 min Scan# 1003
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

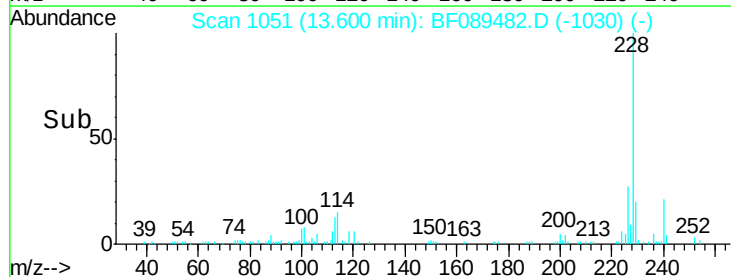
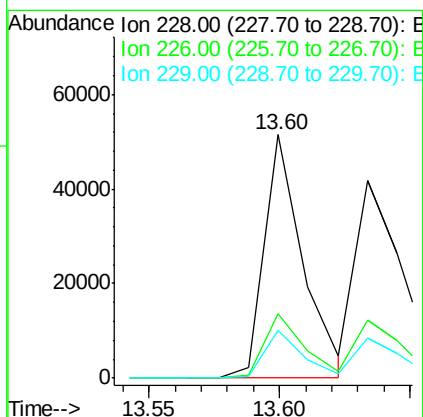
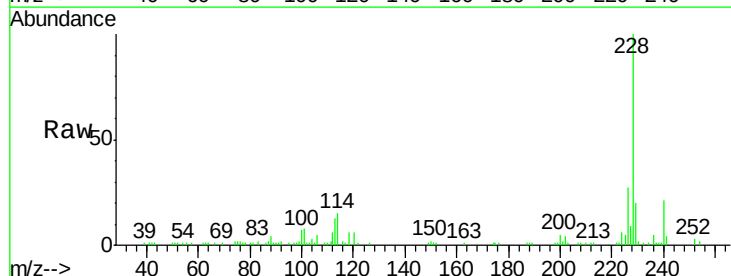
Instrument :
BNA_F
ClientSampleId :

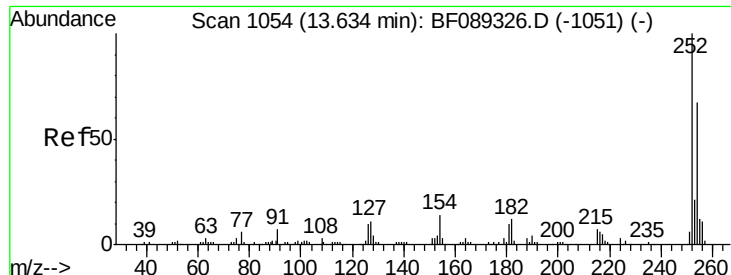
Tot Ion:149 Resp: 28638
Ion Ratio Lower Upper
149 100
91 88.6 58.5 87.7#
206 14.6 13.8 20.8



#80
Benzo(a)anthracene
Concen: 9.60 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:228 Resp: 53466
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.7 15.9 23.9

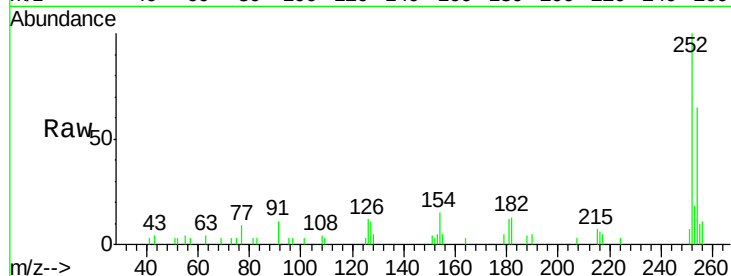




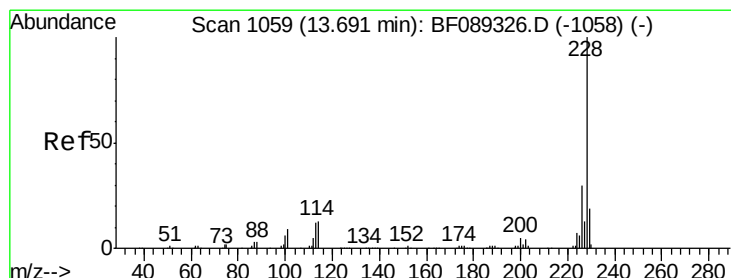
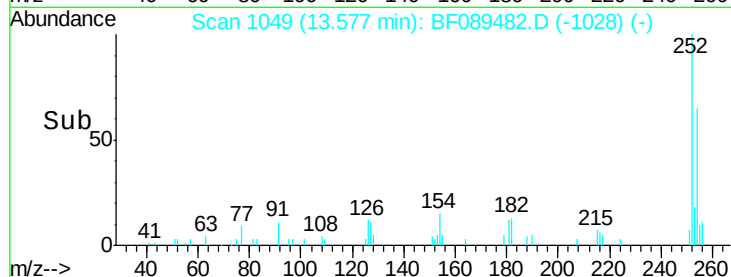
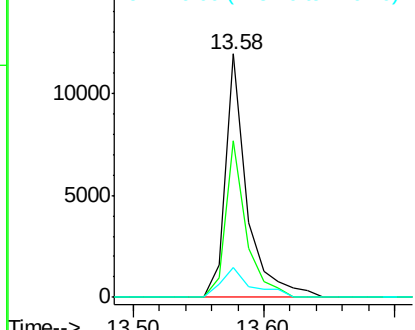
#81
 3,3'-Dichlorobenzidine
 Concen: 6.88 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 13785
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.5 78.7
 126 12.3 7.4 11.2#

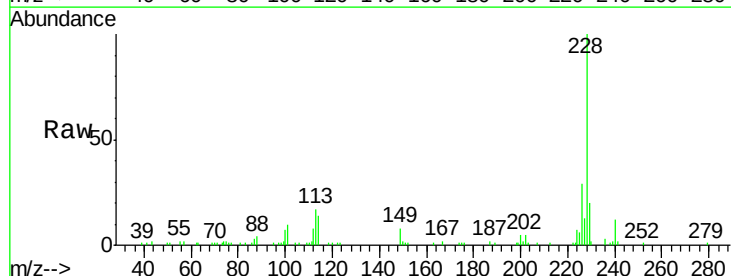


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

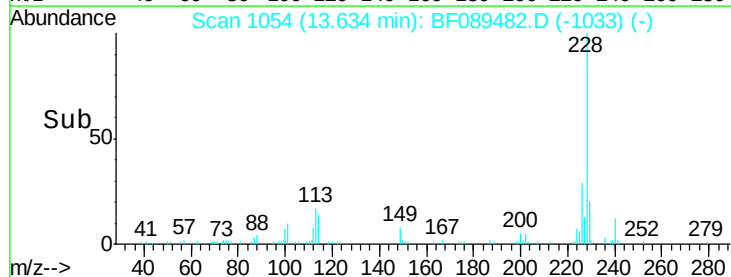
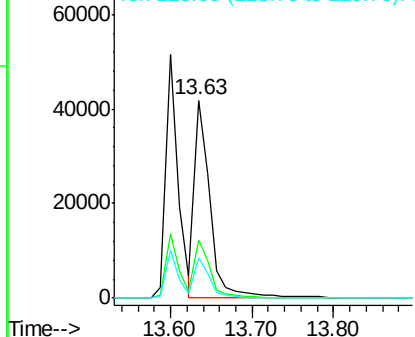


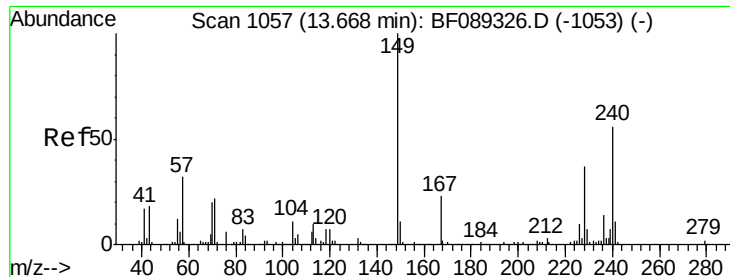
#82
 Chrysene
 Concen: 9.58 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.06 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:228 Resp: 56787
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.2 36.2
 229 20.3 15.9 23.9



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

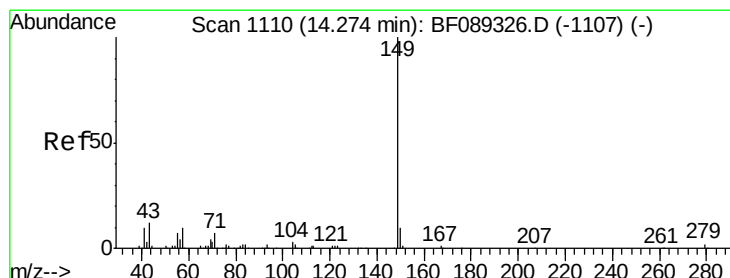
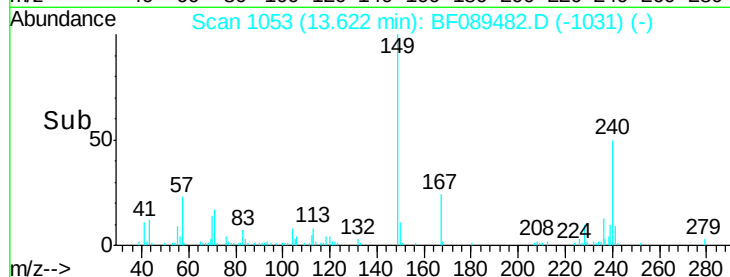
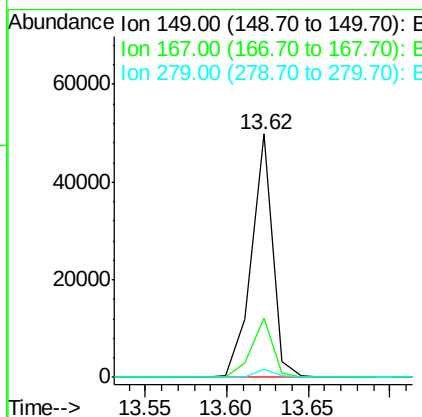
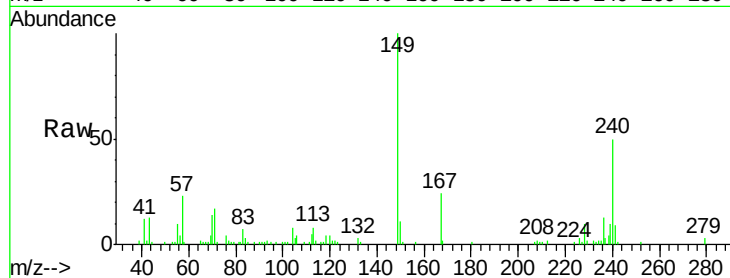




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.20 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

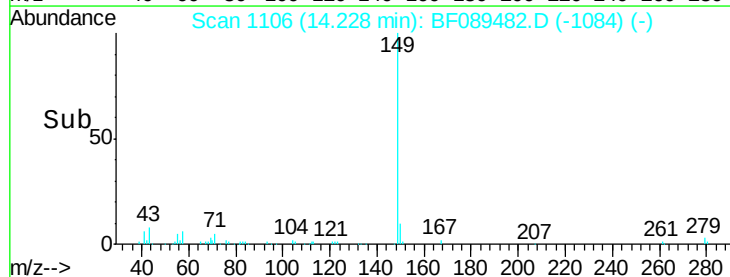
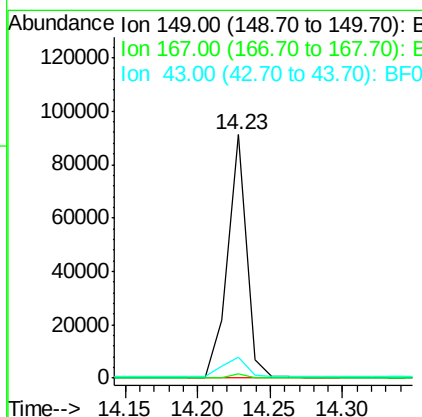
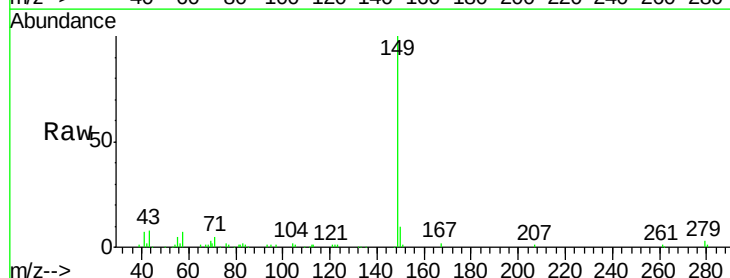
Instrument :
 BNA_F
 ClientSampleId :

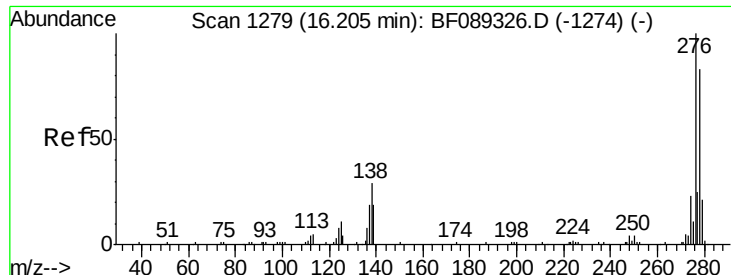
Tot Ion:149 Resp: 45223
 Ion Ratio Lower Upper
 149 100
 167 24.3 18.8 28.2
 279 3.3 1.4 2.0#



#84
 Di-n-octyl phthalate
 Concen: 10.84 ng
 RT: 14.23 min Scan# 1106
 Delta R.T. -0.05 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Tgt Ion:149 Resp: 83155
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 10.0 7.3 10.9

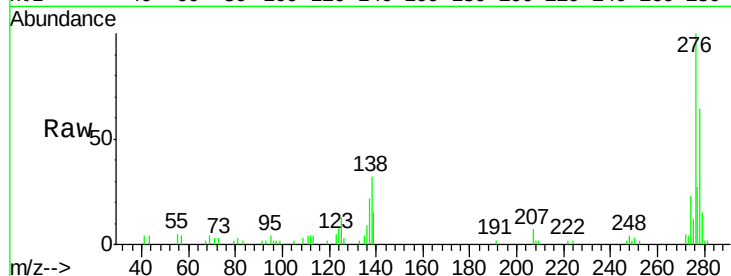




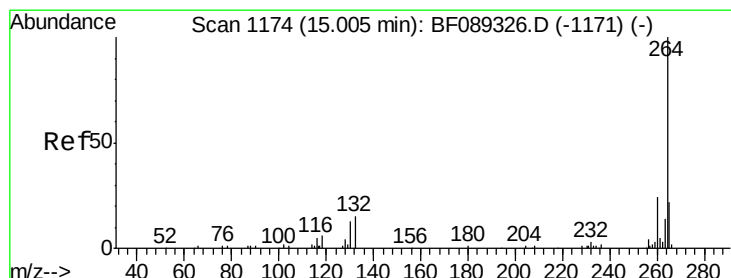
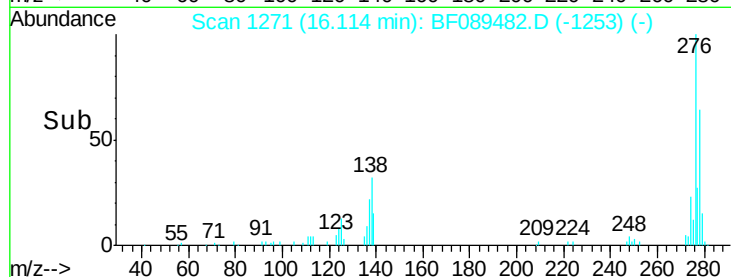
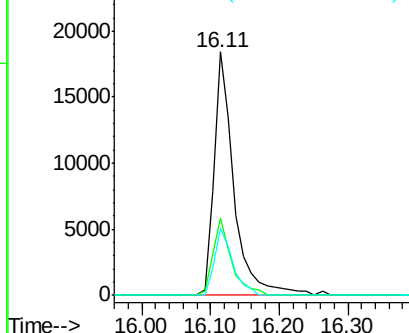
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.97 ng
RT: 16.11 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 37829
Ion Ratio Lower Upper
276 100
138 29.3 23.0 34.4
277 24.8 20.2 30.4

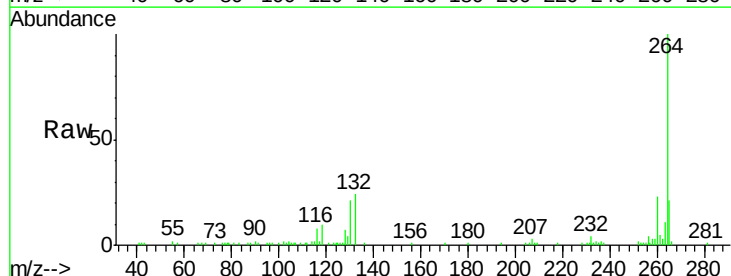


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

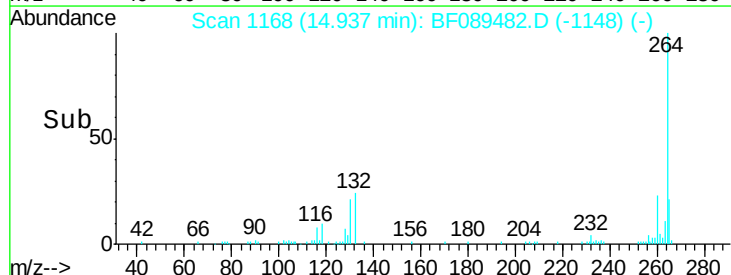
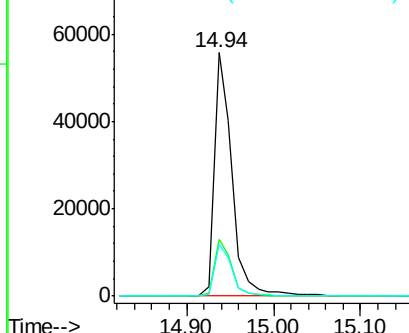


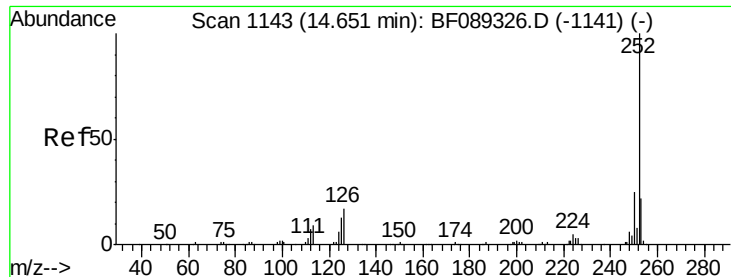
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:264 Resp: 79409
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.4 17.5 26.3



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

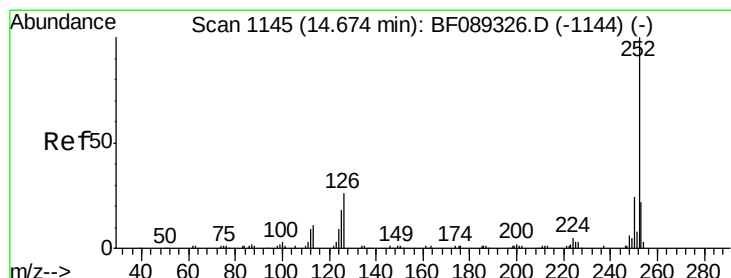
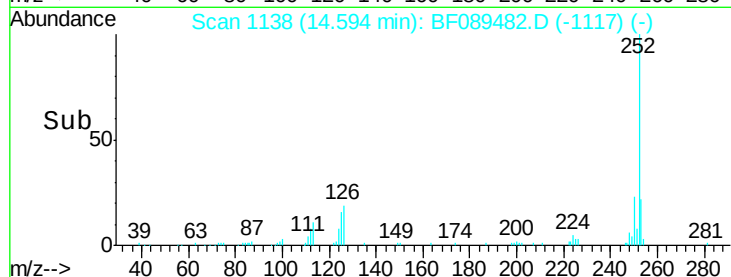
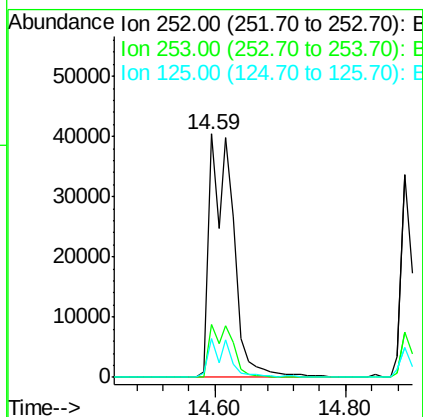
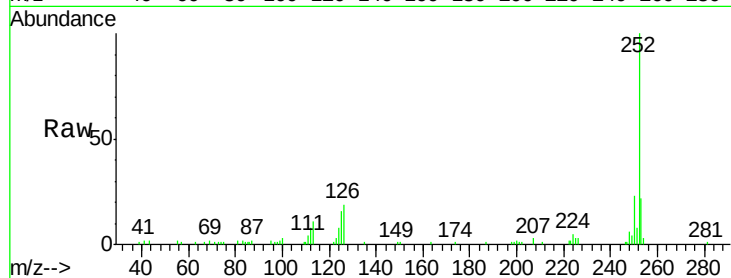




#87
Benzo(b)fluoranthene
Concen: 20.70 ng
RT: 14.59 min Scan# 1138
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

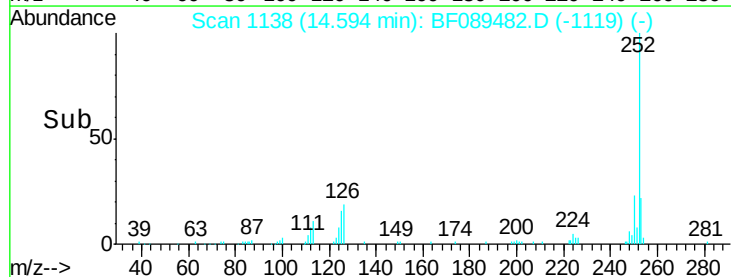
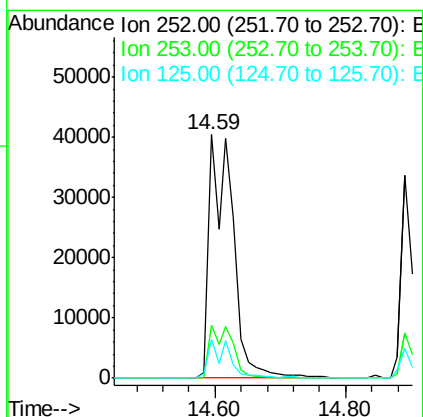
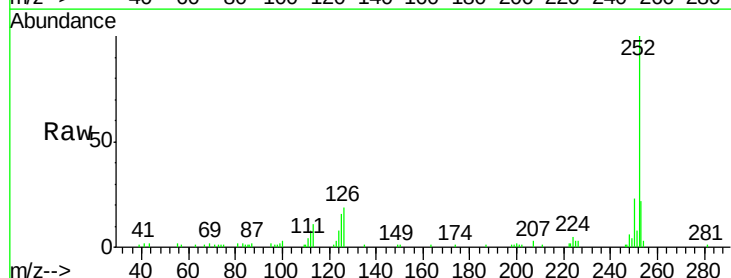
Instrument :
BNA_F
ClientSampled :

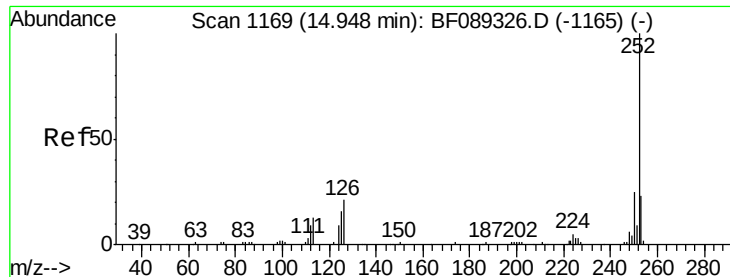
Tot Ion:252 Resp: 102102
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 15.7 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 22.52 ng
RT: 14.59 min Scan# 1138
Delta R.T. -0.08 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:252 Resp: 102102
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 15.7 10.7 16.1

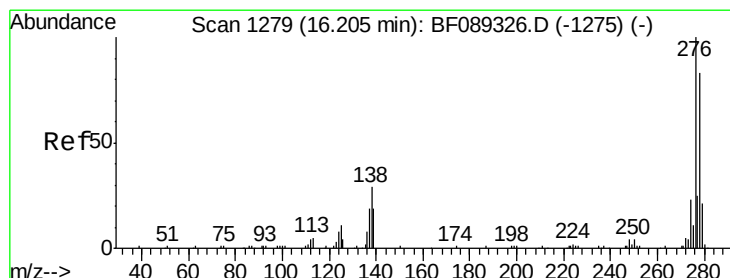
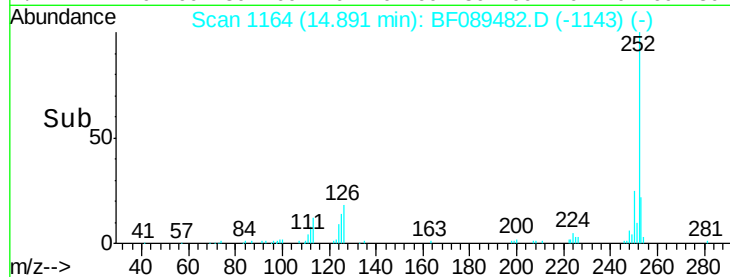
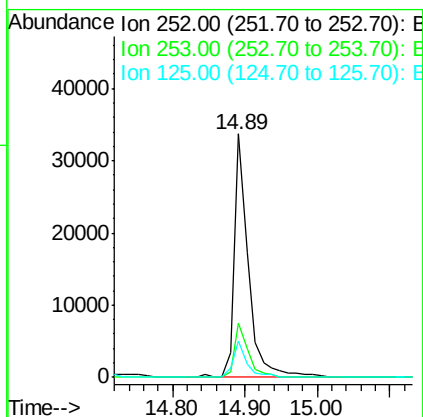
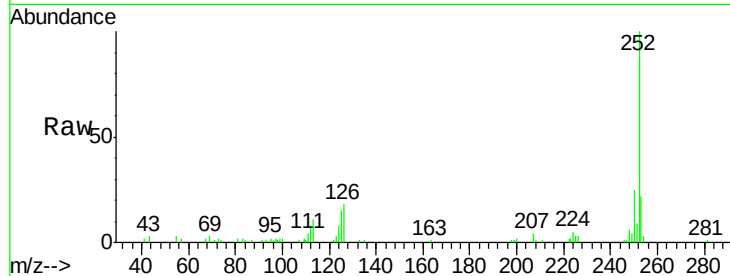




#89
Benzo(a)pyrene
Concen: 10.29 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

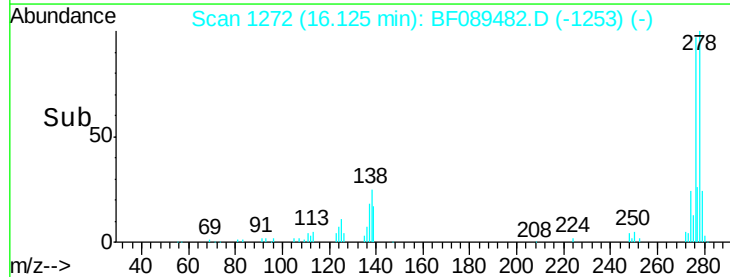
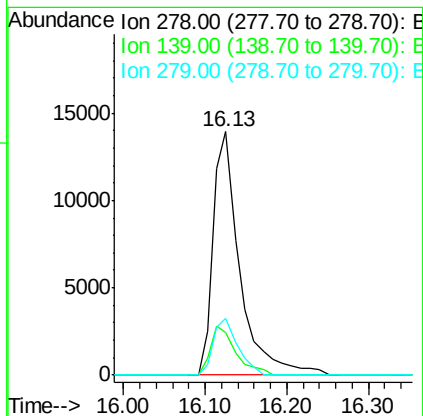
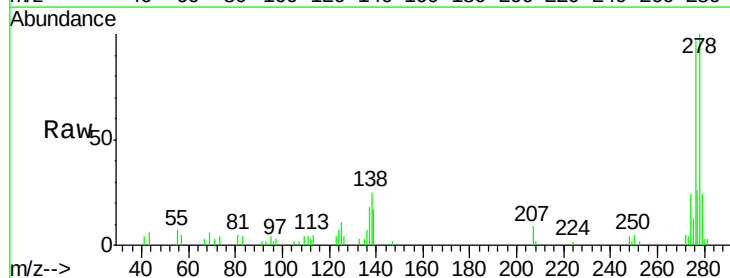
Instrument :
BNA_F
ClientSampleId :

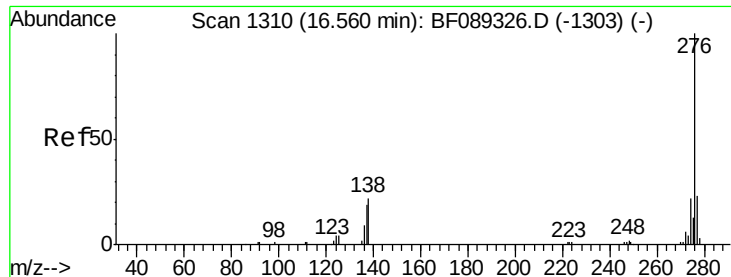
Tot Ion:252 Resp: 45510
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 14.9 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 9.09 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF089482.D
Acq: 31 Jul 2016 20:48

Tgt Ion:278 Resp: 31689
Ion Ratio Lower Upper
278 100
139 17.4 16.3 24.5
279 23.5 19.1 28.7

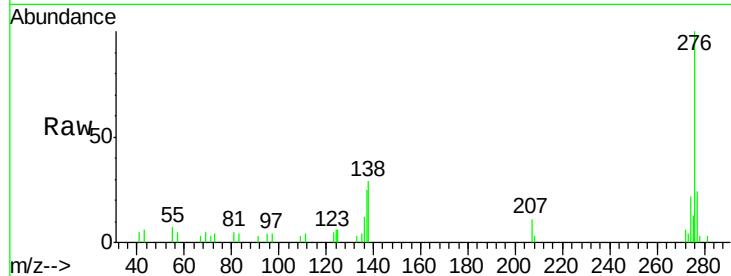




#91
 Benzo(a,h,i)perylene
 Concen: 8.63 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. -0.09 min
 Lab File: BF089482.D
 Acq: 31 Jul 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	28.9	21.4	32.0



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

