

Data Path : Z:\HPCHEM1\BNA F\Data\BF072916\
 Data File : BF089401.D
 Acq On : 29 Jul 2016 9:49
 Operator : UM/SJ
 Sample : H4186-25MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

Quant Time: Jul 29 11:11:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.524	152	45874	20.00	ng	-0.02	
21) Naphthalene-d8	7.816	136	187149	20.00	ng	-0.01	
38) Acenaphthene-d10	9.553	164	76226	20.00	ng	-0.02	
63) Phenanthrene-d10	11.028	188	124702	20.00	ng	-0.02	
75) Chrysene-d12	13.645	240	79884	20.00	ng	-0.02	
86) Perylene-d12	14.982	264	82527	20.00	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.118	112	340326	118.46	ng	0.01	
7) Phenol-d6	6.193	99	409975	107.98	ng	-0.01	
23) Nitrobenzene-d5	7.107	82	302934	95.54	ng	-0.01	
41) 2,4,6-Tribromophenol	10.353	330	76882	121.78	ng	-0.01	
44) 2-Fluorobiphenyl	8.890	172	496254	95.54	ng	-0.02	
78) Terphenyl-d14	12.605	244	311167	91.17	ng	-0.02	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.090	88	48072	36.63	ng		# 86
3) Pyridine	2.684	79	65069	23.15	ng		98
4) n-Nitrosodimethylamine	2.615	42	50557	44.38	ng		91
6) Aniline	6.204	93	60256	14.70	ng		# 1
8) 2-Chlorophenol	6.319	128	143174	44.06	ng		99
9) Benzaldehyde	6.067	77	49786	26.85	ng		93
10) Phenol	6.204	94	159540	38.08	ng		96
11) bis(2-Chloroethyl)ether	6.273	93	154754	43.47	ng		92
12) 1,3-Dichlorobenzene	6.696	146	126110	37.10	ng		96
13) 1,4-Dichlorobenzene	6.547	146	136191	36.30	ng		94
14) 1,2-Dichlorobenzene	6.696	146	142149	40.45	ng		96
15) Benzyl Alcohol	6.684	79	123212	52.29	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.821	45	159972	41.20	ng		100
17) 2-Methylphenol	6.821	107	106097	42.24	ng		# 87
18) Hexachloroethane	7.027	117	47319	32.90	ng		93
19) n-Nitroso-di-n-propyla...	6.959	70	106431	46.49	ng		# 88
20) 3+4-Methylphenols	6.970	107	145158	45.00	ng		91
22) Acetophenone	6.947	105	192419	43.19	ng		96
24) Nitrobenzene	7.119	77	146676	40.65	ng		90
25) Isophorone	7.359	82	291613	45.66	ng		96
26) 2-Nitrophenol	7.439	139	73874	45.79	ng		92
27) 2,4-Dimethylphenol	7.496	122	125296	48.75	ng		99
28) bis(2-Chloroethoxy)met...	7.587	93	189569	53.62	ng		98
29) 2,4-Dichlorophenol	7.690	162	119021	50.82	ng		97
30) 1,2,4-Trichlorobenzene	7.759	180	117826	44.09	ng		97
31) Naphthalene	7.839	128	429128	46.30	ng		100
32) Benzoic acid	7.656	122	61351	34.26	ng		99
33) 4-Chloroaniline	7.907	127	26059	7.39	ng		# 95
34) Hexachlorobutadiene	7.953	225	61063	39.90	ng		99
35) Caprolactam	8.273	113	28331	40.08	ng		97
36) 4-Chloro-3-methylphenol	8.399	107	121753	43.74	ng		95
37) 2-Methylnaphthalene	8.524	142	260672	46.68	ng		97
39) 1,2,4,5-Tetrachloroben...	8.696	216	107407	40.26	ng		98

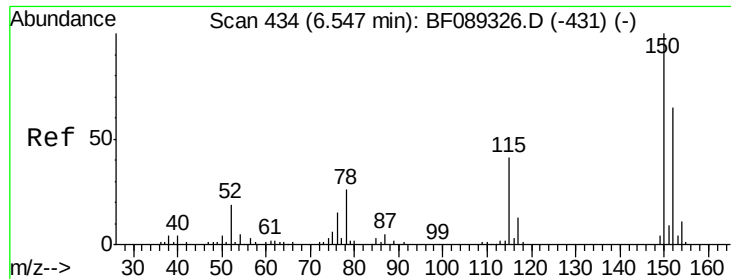
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.684	237	27093	40.58	ng	98
42) 2,4,6-Trichlorophenol	8.822	196	67756	53.43	ng	97
43) 2,4,5-Trichlorophenol	8.867	196	79068	49.22	ng	96
45) 1,1'-Biphenyl	8.993	154	308027	47.46	ng	96
46) 2-Chloronaphthalene	9.016	162	252969	51.90	ng	93
47) 2-Nitroaniline	9.119	65	77030	53.37	ng	# 78
48) Acenaphthylene	9.416	152	357568	46.57	ng	99
49) Dimethylphthalate	9.302	163	285069	49.14	ng	98
50) 2,6-Dinitrotoluene	9.370	165	57417	48.17	ng	# 81
51) Acenaphthene	9.587	154	206876	46.14	ng	99
52) 3-Nitroaniline	9.530	138	33643	26.75	ng	81
53) 2,4-Dinitrophenol	9.656	184	30324	62.47	ng	92
54) Dibenzofuran	9.770	168	313527	51.32	ng	92
55) 4-Nitrophenol	9.759	139	192916	296.74	ng	# 11
56) 2,4-Dinitrotoluene	9.770	165	77793	49.57	ng	# 77
57) Fluorene	10.102	166	238881	44.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.896	232	57685	53.78	ng	98
59) Diethylphthalate	9.999	149	298057	50.68	ng	98
60) 4-Chlorophenyl-phenyle...	10.102	204	118819	48.57	ng	# 86
61) 4-Nitroaniline	10.147	138	49171	37.92	ng	87
62) Azobenzene	10.262	77	314936	52.00	ng	91
64) 4,6-Dinitro-2-methylph...	10.182	198	20581	29.21	ng	91
65) n-Nitrosodiphenylamine	10.227	169	228114	58.63	ng	99
66) 4-Bromophenyl-phenylether	10.582	248	62847	52.79	ng	# 72
67) Hexachlorobenzene	10.650	284	62409	51.15	ng	# 77
68) Atrazine	10.753	200	55775	46.66	ng	96
69) Pentachlorophenol	10.845	266	55192	92.35	ng	98
70) Phenanthrene	11.050	178	301275	46.84	ng	100
71) Anthracene	11.108	178	340531	47.62	ng	99
72) Carbazole	11.268	167	280567	46.61	ng	99
73) Di-n-butylphthalate	11.610	149	425706	52.71	ng	99
74) Fluoranthene	12.228	202	270075	39.92	ng	96
76) Benzidine	12.365	184	47322	16.03	ng	97
77) Pyrene	12.456	202	280846	46.39	ng	99
79) Butylbenzylphthalate	13.085	149	129073	46.89	ng	# 82
80) Benzo(a)anthracene	13.645	228	229200	50.84	ng	98
81) 3,3'-Dichlorobenzidine	13.611	252	64765	39.92	ng	# 96
82) Chrysene	13.679	228	247624	51.60	ng	100
83) Bis(2-ethylhexyl)phtha...	13.656	149	192983	48.50	ng	# 97
84) Di-n-octyl phthalate	14.262	149	326516	52.59	ng	99
85) Indeno(1,2,3-cd)pyrene	16.182	276	203643	59.69	ng	99
87) Benzo(b)fluoranthene	14.662	252	485435	94.72	ng	99
88) Benzo(k)fluoranthene	14.662	252	485435	103.02	ng	# 96
89) Benzo(a)pyrene	14.937	252	221370	48.15	ng	# 96
90) Dibenzo(a,h)anthracene	16.182	278	176082	48.62	ng	98
91) Benzo(g,h,i)perylene	16.525	276	157383	44.21	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.524 min Scan# 43

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

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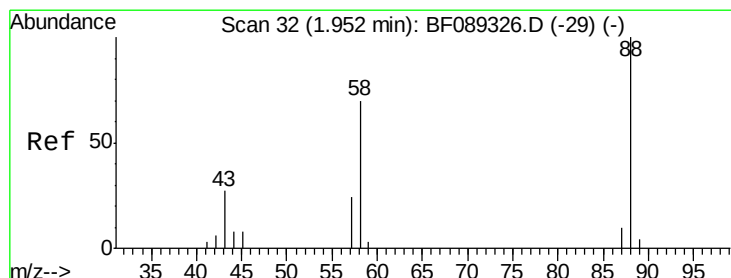
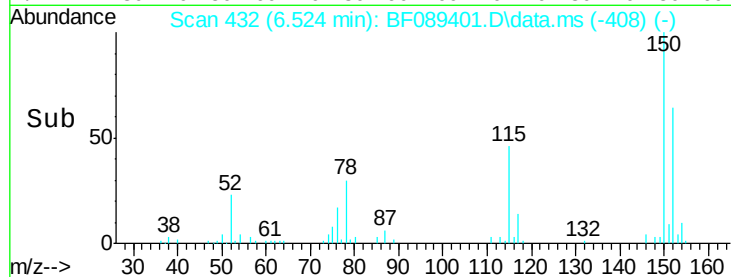
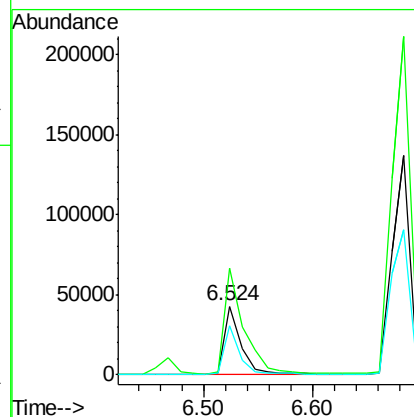
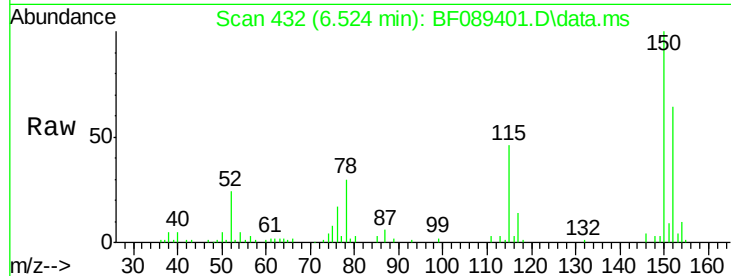
Tot Ion:152 Resp: 45874

Ion Ratio Lower Upper

152 100

150 155.5 129.5 194.3

115 70.8 51.4 77.2



#2

1,4-Dioxane

Concen: 36.63 ng

RT: 2.090 min Scan# 44

Delta R.T. 0.138 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

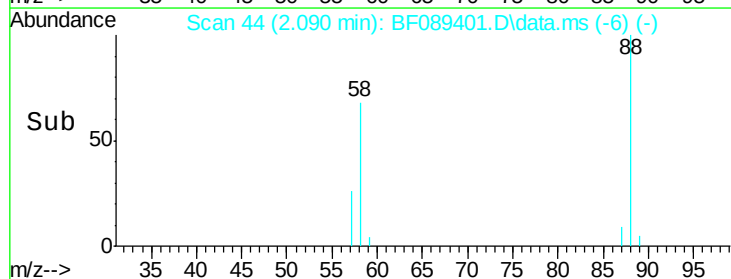
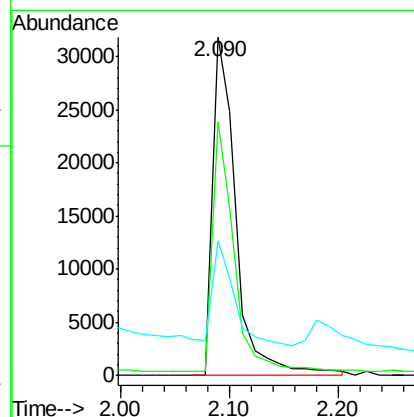
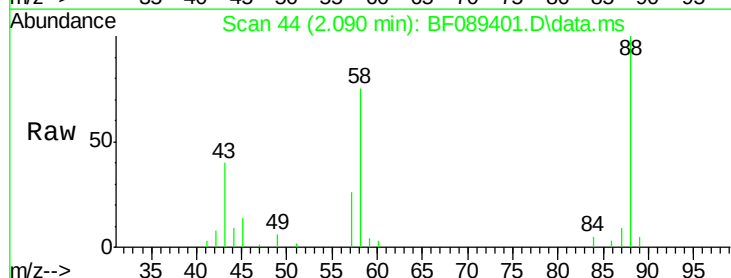
Tgt Ion: 88 Resp: 48072

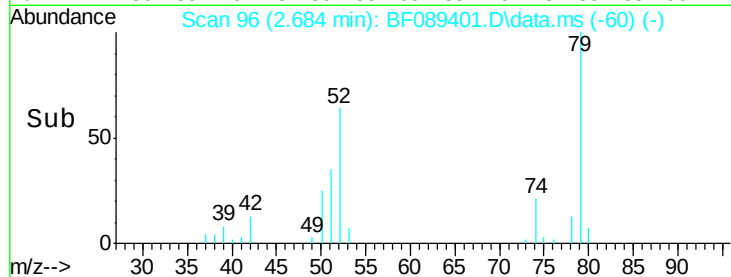
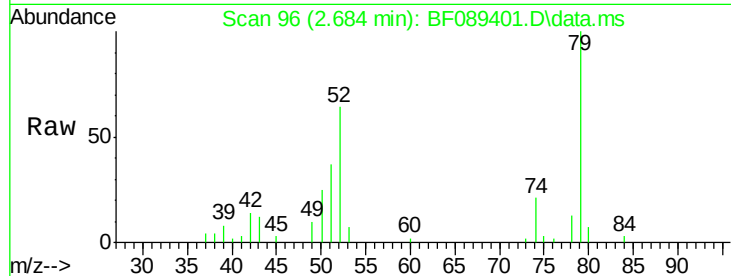
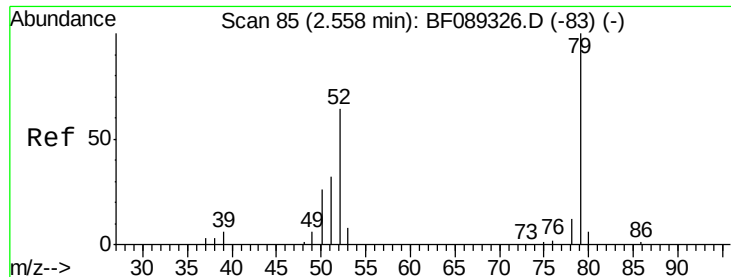
Ion Ratio Lower Upper

88 100

58 66.4 53.2 79.8

43 0.0 20.6 31.0#





#3

Pvridine

Concen: 23.15 ng

RT: 2.684 min Scan# 96

Delta R.T. 0.114 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

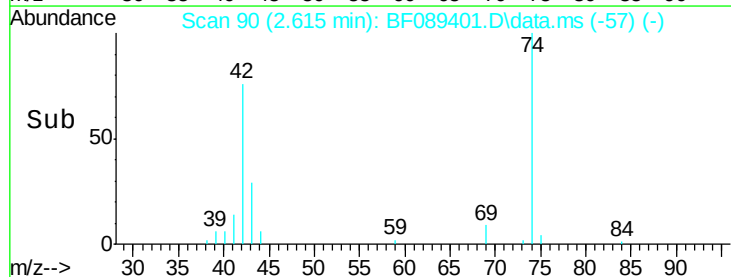
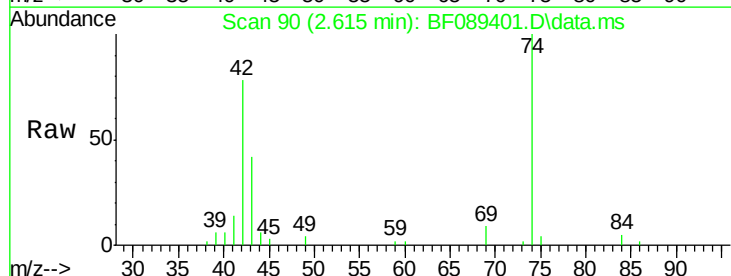
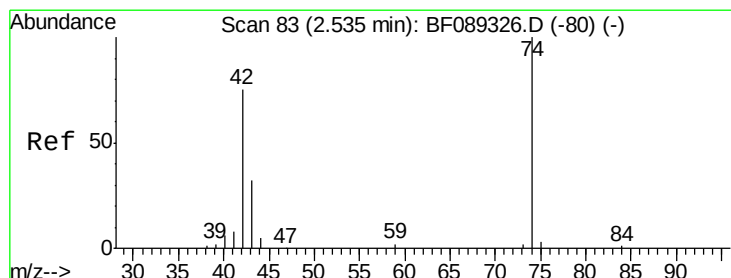
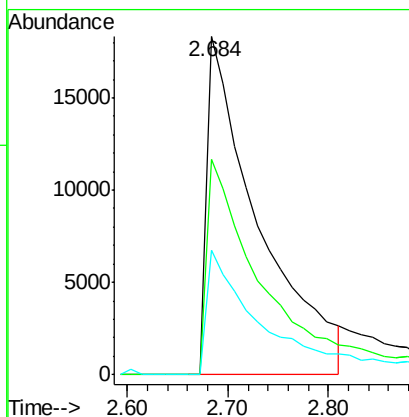
Tot Ion: 79 Resp: 65069

Ion Ratio Lower Upper

79 100

52 63.6 51.9 77.9

51 36.6 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 44.38 ng

RT: 2.615 min Scan# 90

Delta R.T. 0.080 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

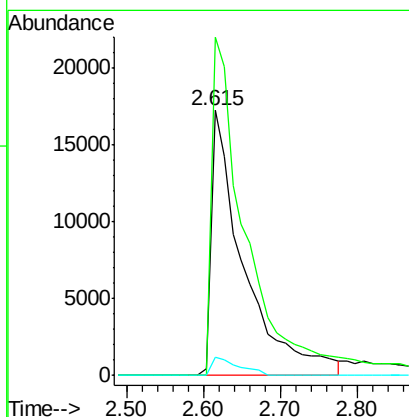
Tgt Ion: 42 Resp: 50557

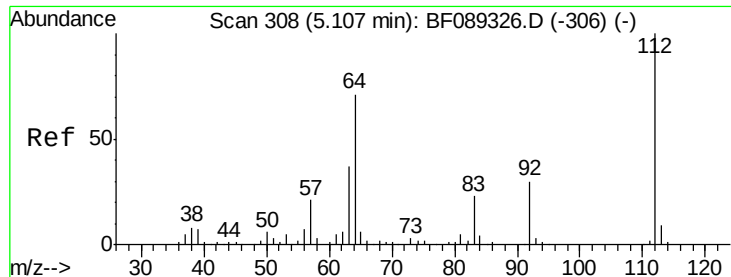
Ion Ratio Lower Upper

42 100

74 127.5 110.8 166.2

44 7.0 5.2 7.8





#5

2-Fluorophenol

Concen: 118.46 ng

RT: 5.118 min Scan# 30

Delta R.T. 0.011 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

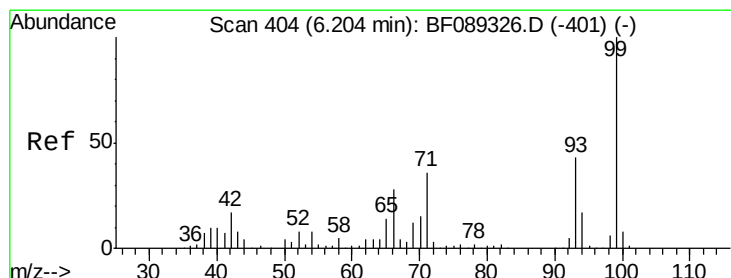
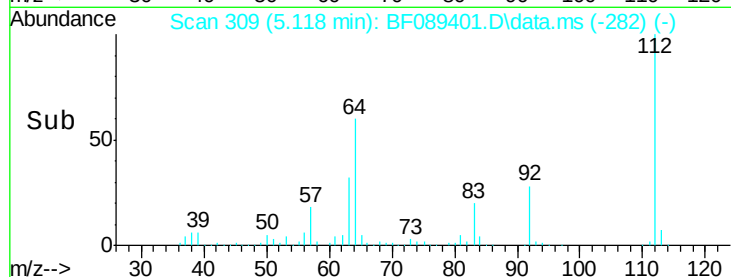
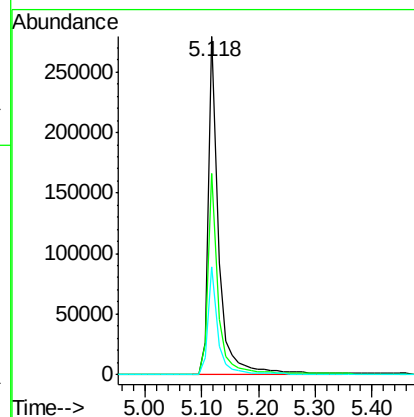
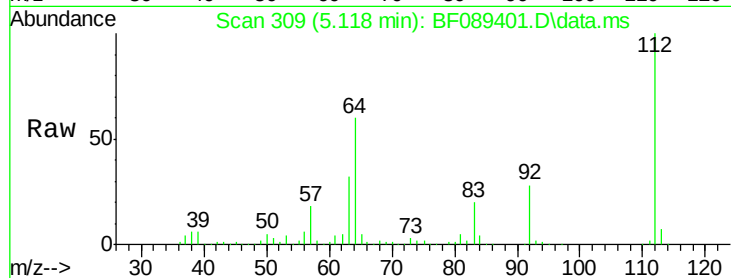
Tot Ion:112 Resp: 340326

Ion Ratio Lower Upper

112 100

64 59.7 55.0 82.6

63 31.8 29.4 44.2



#6

Aniline

Concen: 14.70 ng

RT: 6.204 min Scan# 404

Delta R.T. -0.000 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

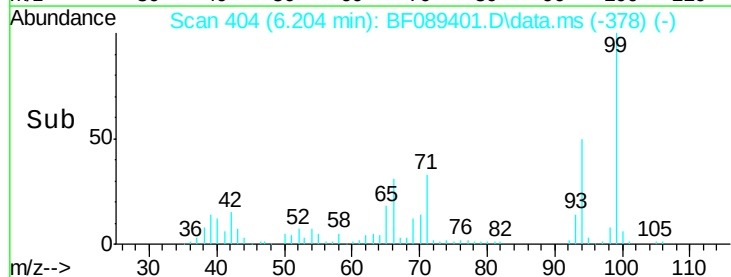
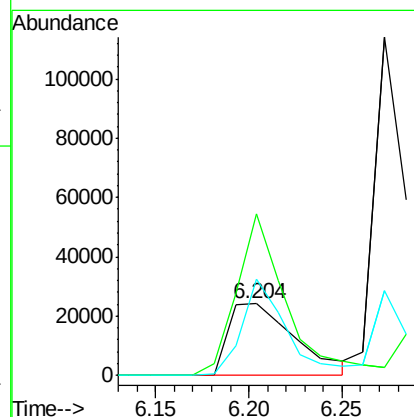
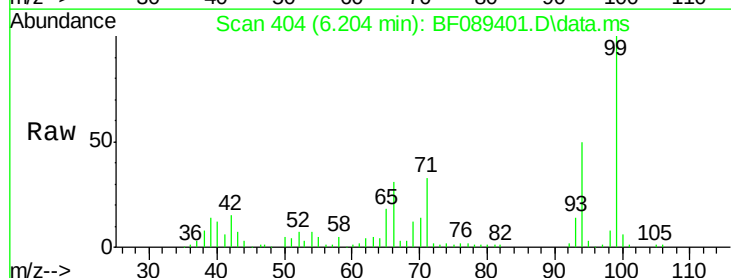
Tgt Ion: 93 Resp: 60256

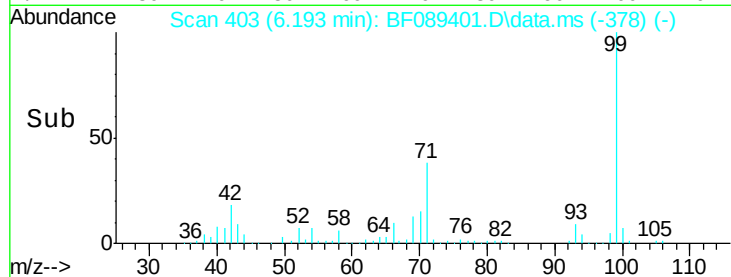
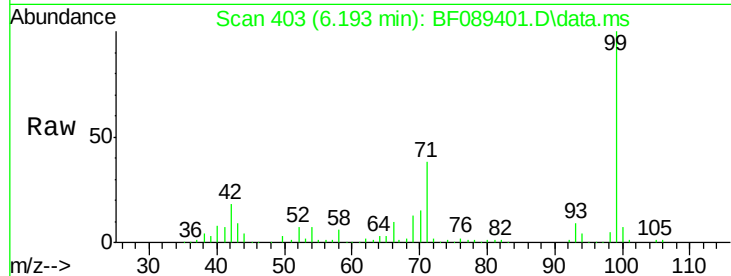
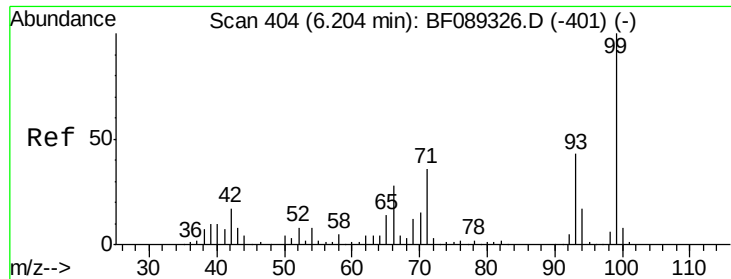
Ion Ratio Lower Upper

93 100

66 226.9 51.6 77.4#

65 135.2 24.7 37.1#





#7

Phenol-d6

Concen: 107.98 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

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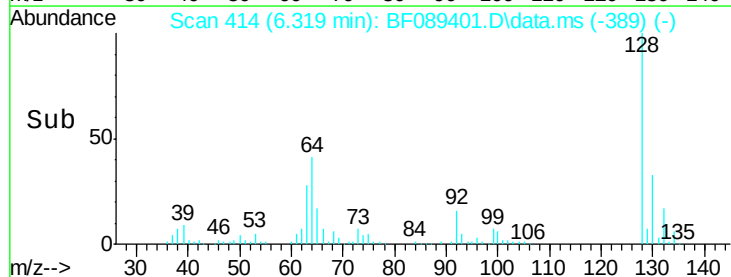
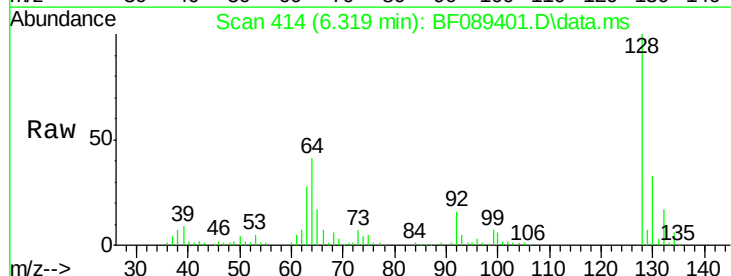
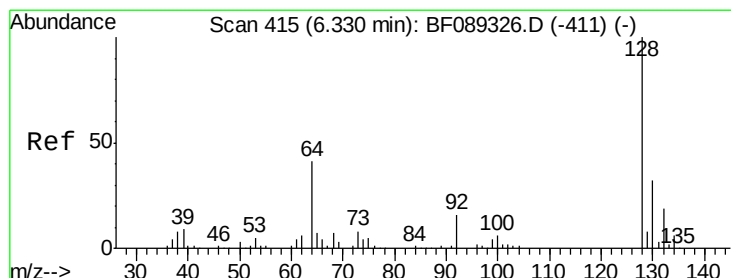
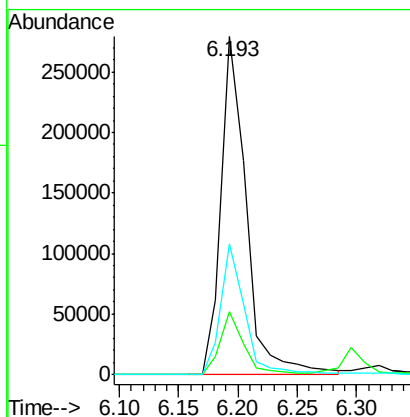
Tot Ion: 99 Resp: 409975

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

71 38.5 29.4 44.2



#8

2-Chlorophenol

Concen: 44.06 ng

RT: 6.319 min Scan# 414

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

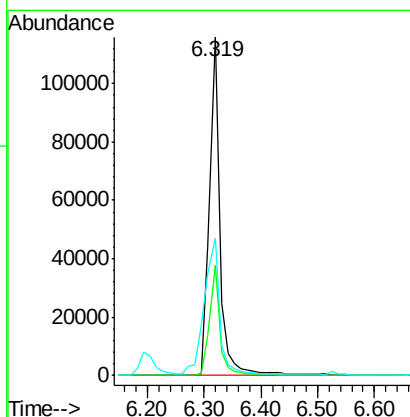
Tgt Ion:128 Resp: 143174

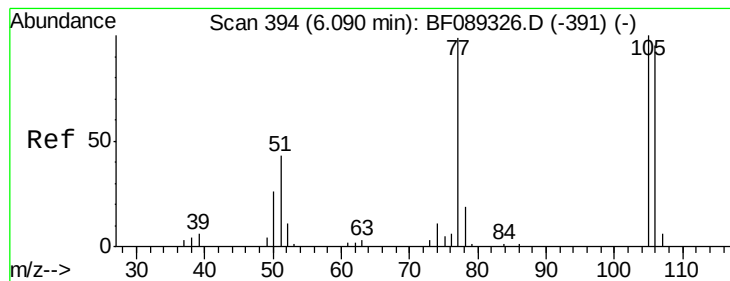
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 40.5 22.1 62.1





#9

Benzaldehyde

Concen: 26.85 ng

RT: 6.067 min Scan# 39

Delta R.T. -0.023 min

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Acq: 29 Jul 2016 9:49

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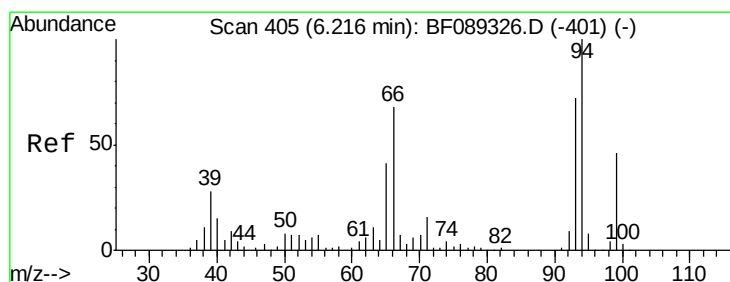
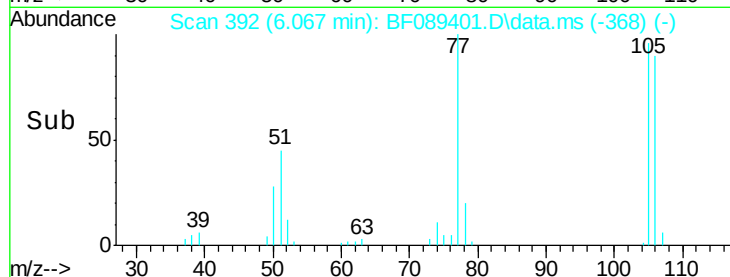
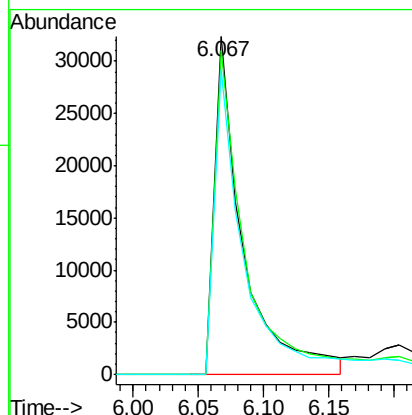
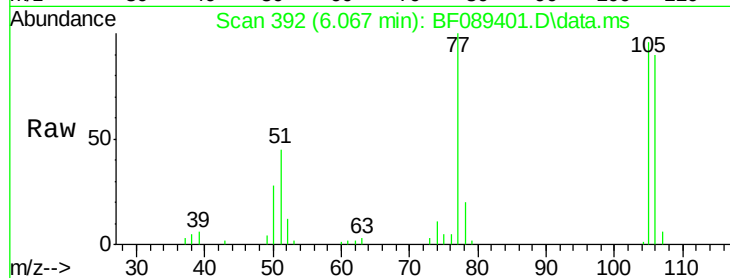
Tot Ion: 77 Resp: 49786

Ion Ratio Lower Upper

77 100

105 95.7 82.9 122.9

106 90.1 75.9 115.9



#10

Phenol

Concen: 38.08 ng

RT: 6.204 min Scan# 404

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

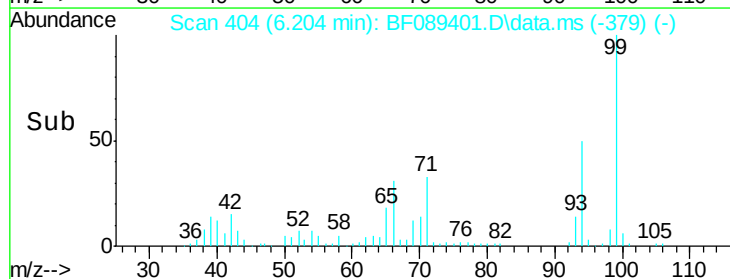
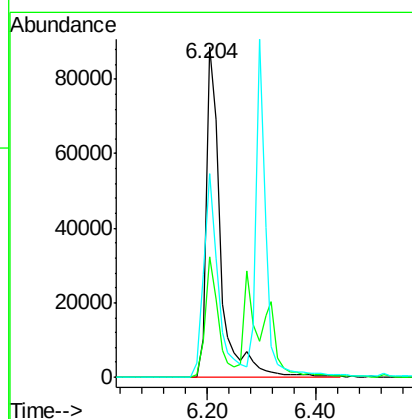
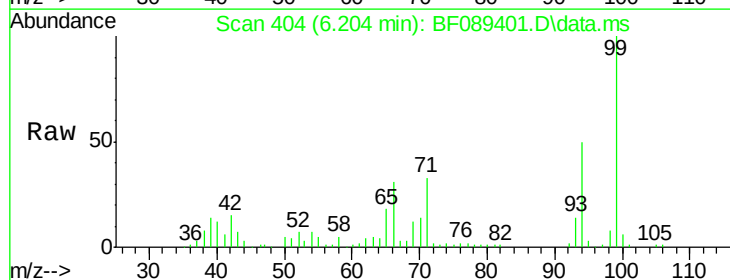
Tgt Ion: 94 Resp: 159540

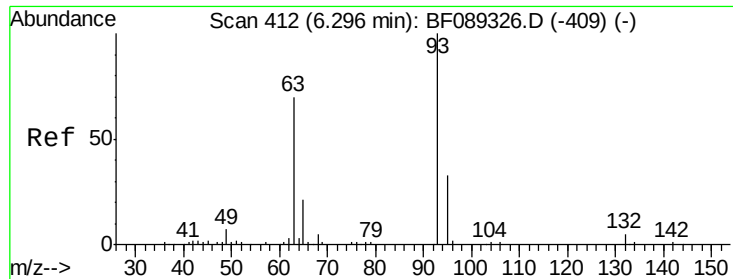
Ion Ratio Lower Upper

94 100

65 36.6 19.1 59.1

66 61.5 44.4 84.4

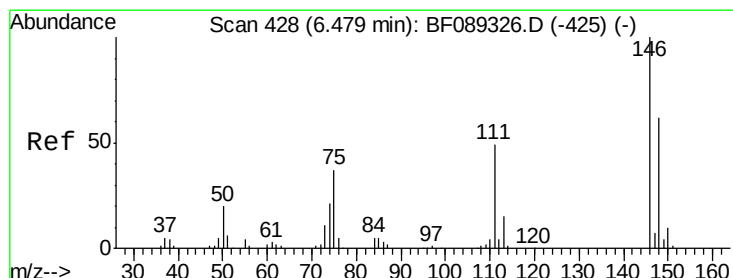
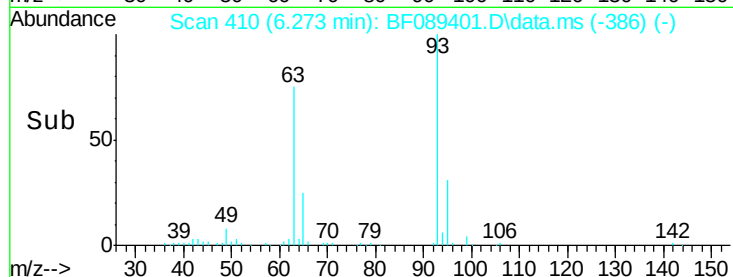
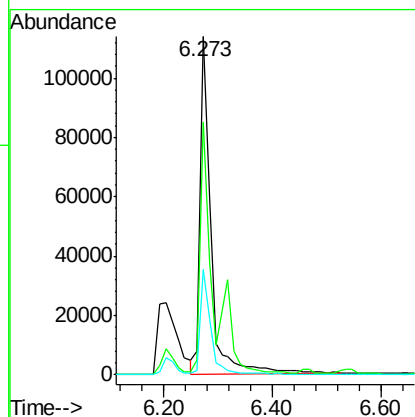
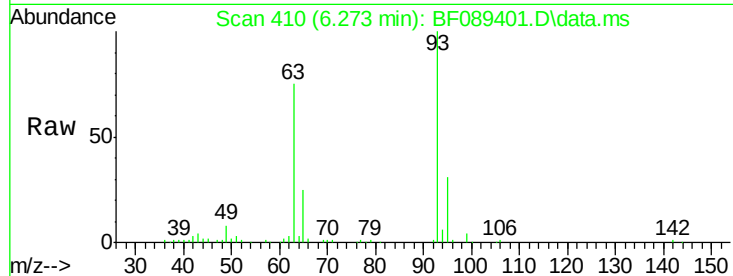




#11
bis(2-Chloroethyl)ether
Concen: 43.47 ng
RT: 6.273 min Scan# 41
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

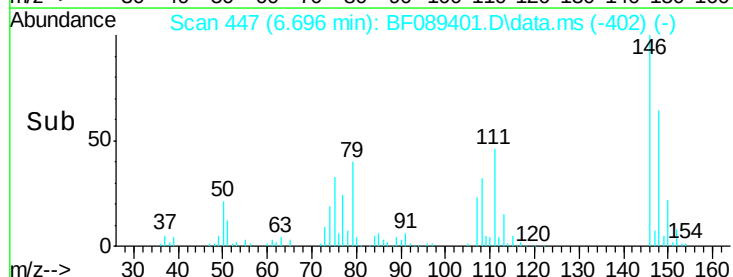
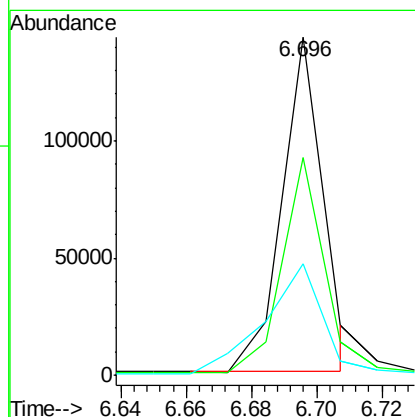
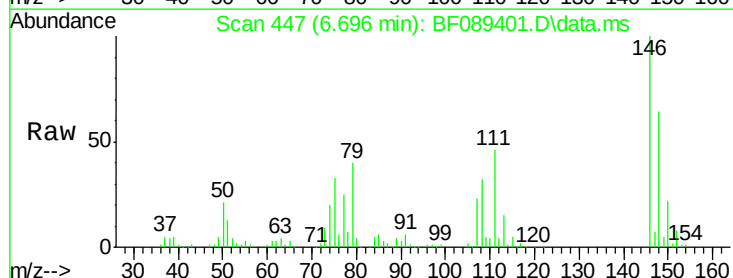
Instrument :
BNA_F
ClientSampleId :
I-2MS

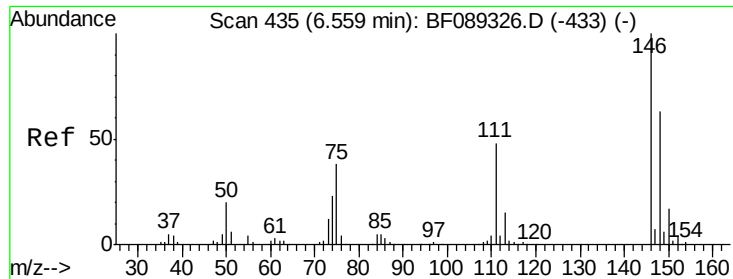
Tot Ion: 93 Resp: 154754
Ion Ratio Lower Upper
93 100
63 74.6 45.6 85.6
95 31.0 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 37.10 ng
RT: 6.696 min Scan# 447
Delta R.T. 0.217 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 146 Resp: 126110
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 33.1 30.0 45.0

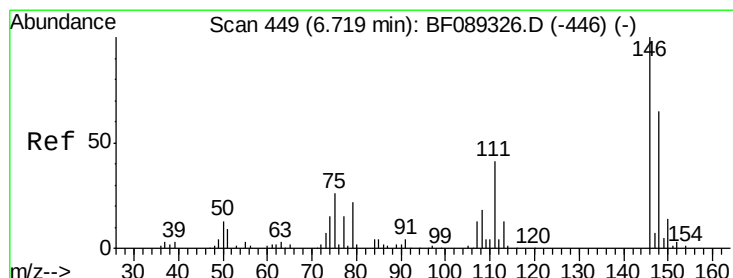
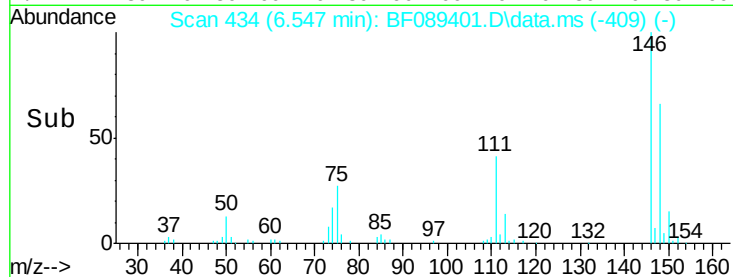
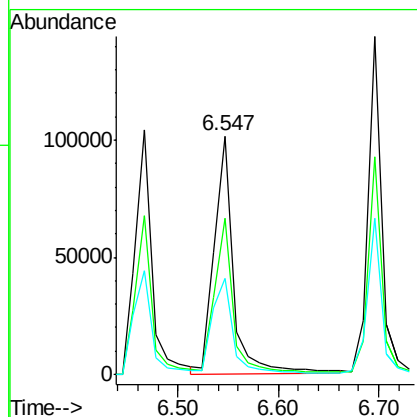
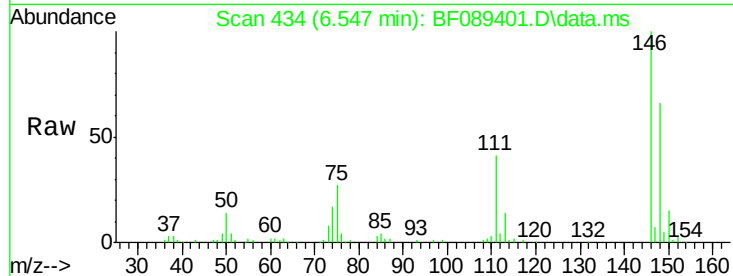




#13
 1,4-Dichlorobenzene
 Concen: 36.30 ng
 RT: 6.547 min Scan# 43
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

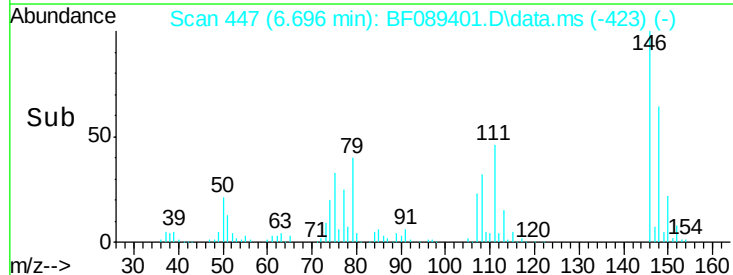
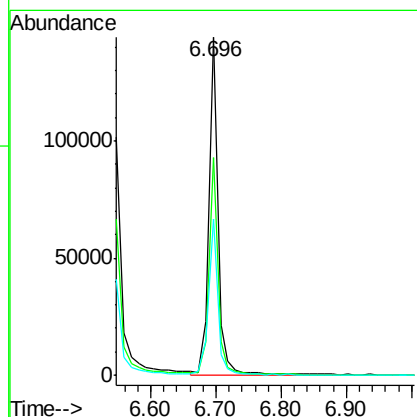
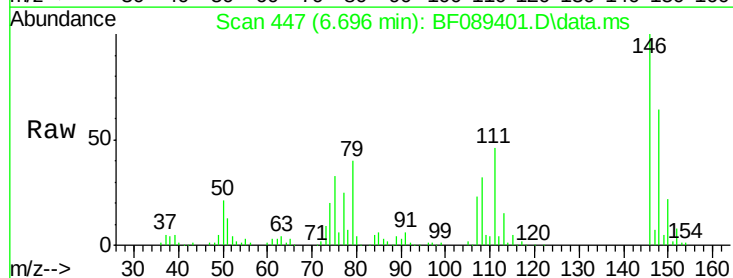
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

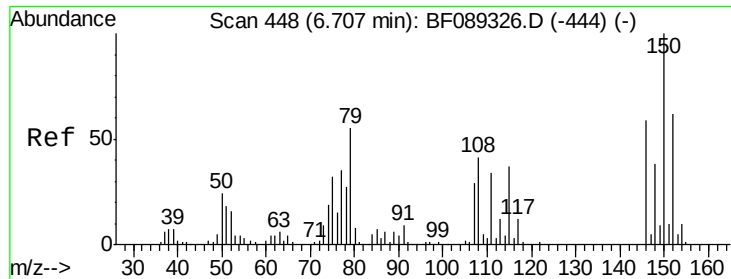
Tot Ion:146 Resp: 136191
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 40.6 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 40.45 ng
 RT: 6.696 min Scan# 447
 Delta R.T. -0.023 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:146 Resp: 142149
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.3 33.0 49.4

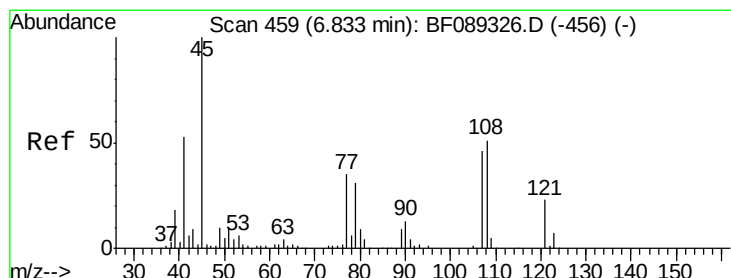
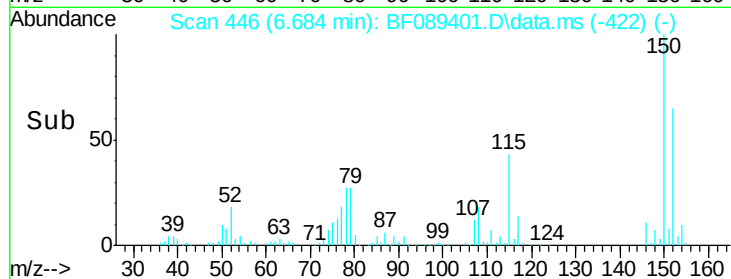
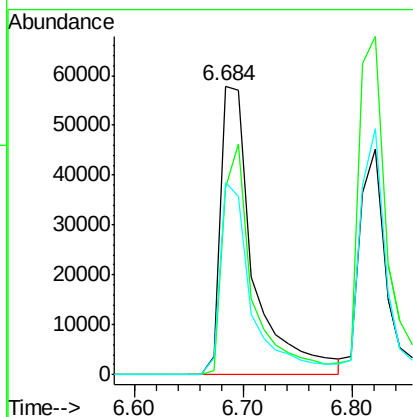
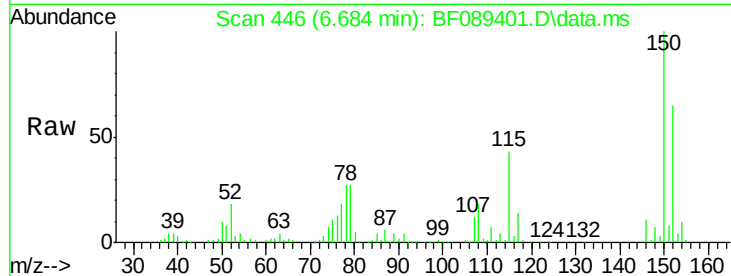




#15
Benzyl Alcohol
Concen: 52.29 ng
RT: 6.684 min Scan# 44
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

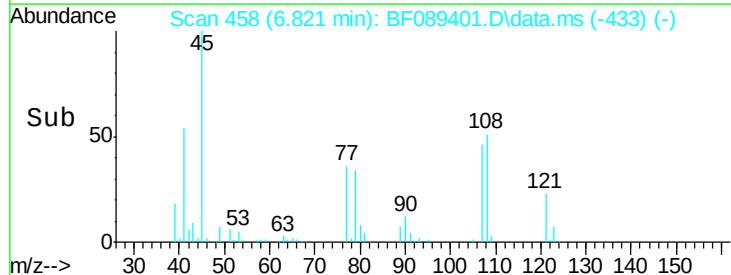
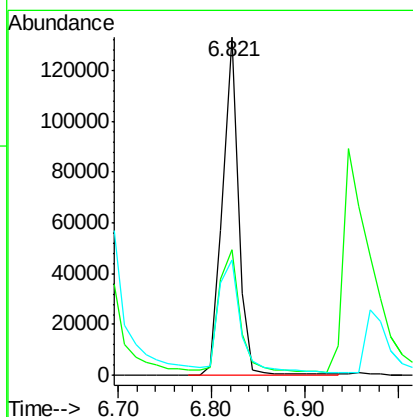
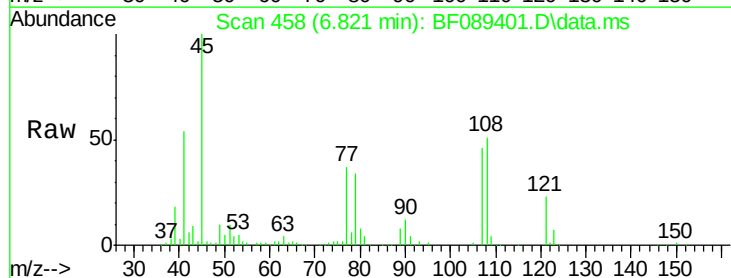
Instrument :
BNA_F
ClientSampleId :
I-2MS

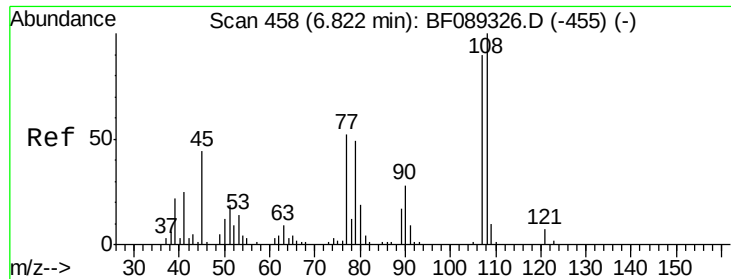
Tot Ion: 79 Resp: 123212
Ion Ratio Lower Upper
79 100
108 64.7 59.8 89.6
77 66.4 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.20 ng
RT: 6.821 min Scan# 458
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 45 Resp: 159972
Ion Ratio Lower Upper
45 100
77 37.1 17.3 57.3
79 34.0 13.9 53.9

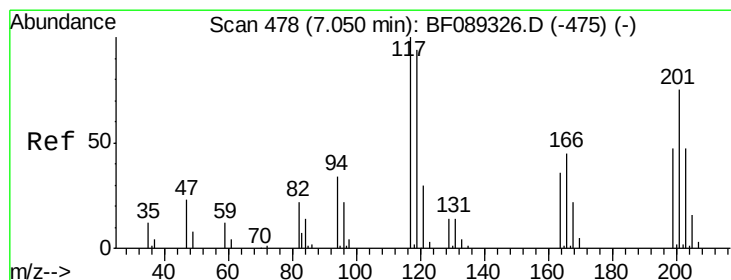
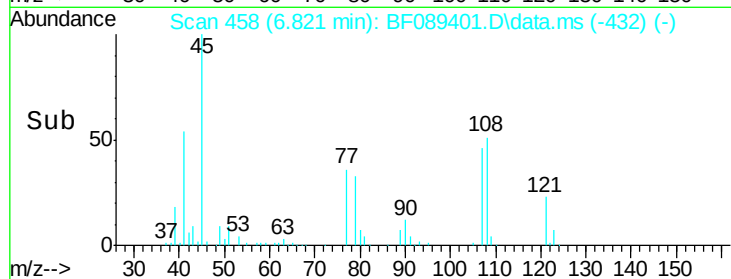
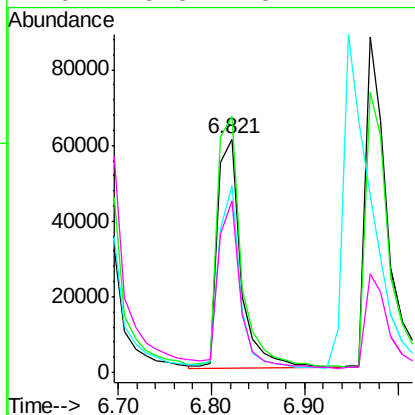
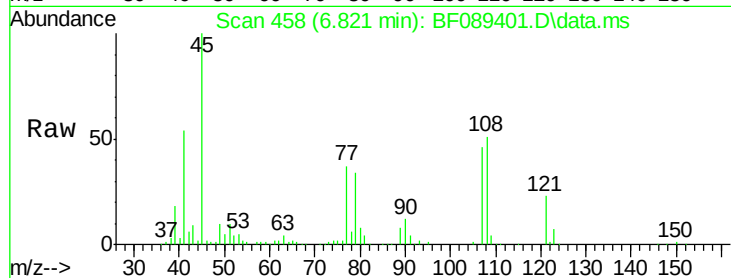




#17
2-Methylphenol
Concen: 42.24 ng
RT: 6.821 min Scan# 45
Delta R.T. -0.000 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

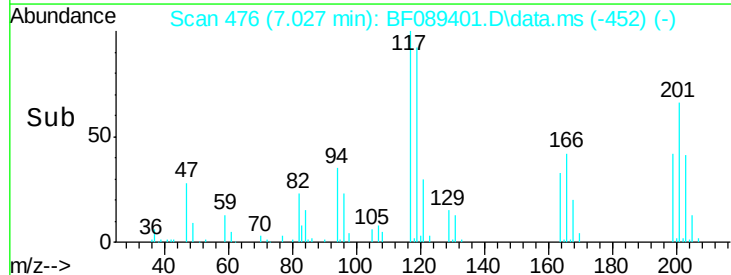
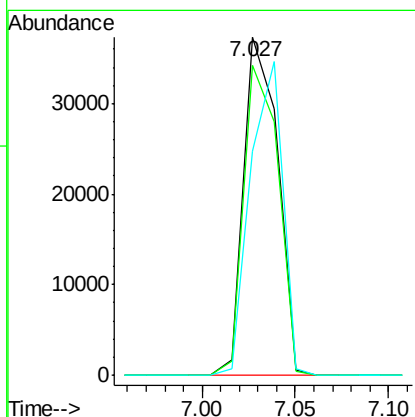
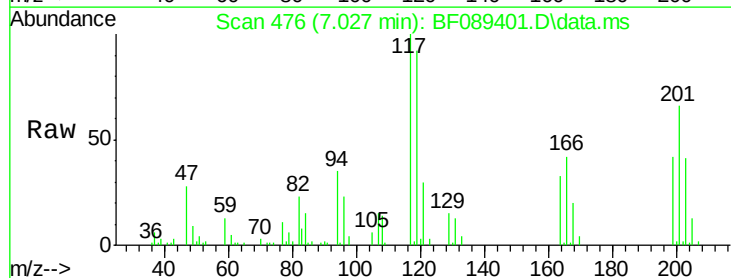
Instrument :
BNA_F
ClientSampleId :
I-2MS

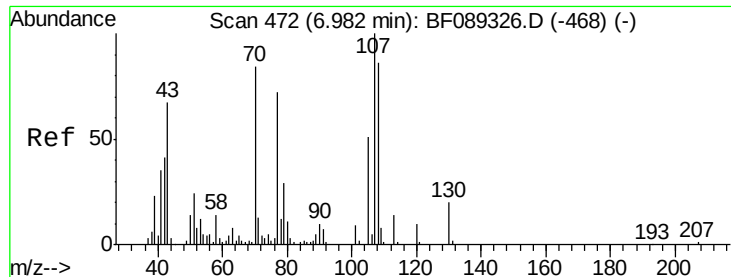
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.4	137.0
77	80.1	48.6	73.0#
79	73.3	48.2	72.4#



#18
Hexachloroethane
Concen: 32.90 ng
RT: 7.027 min Scan# 476
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.0	114.0
201	66.1	60.0	90.0

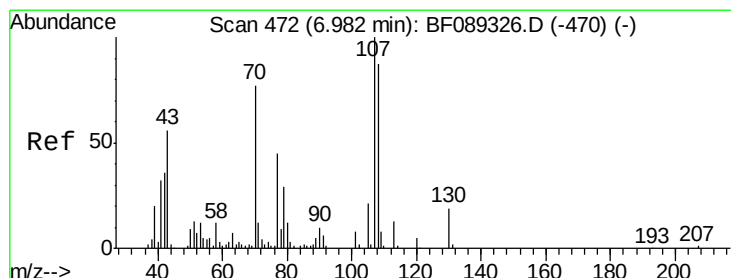
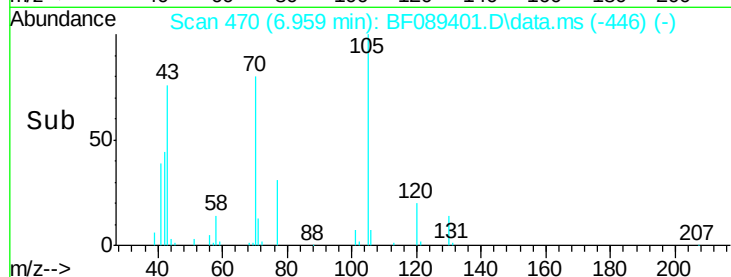
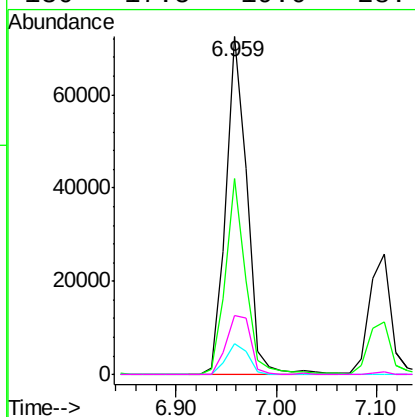
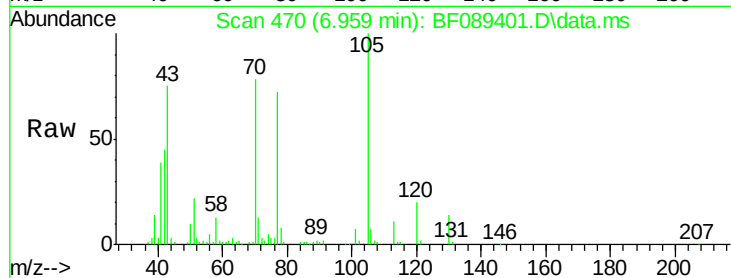




#19
n-Nitroso-di-n-propylamine
Concen: 46.49 ng
RT: 6.959 min Scan# 471
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

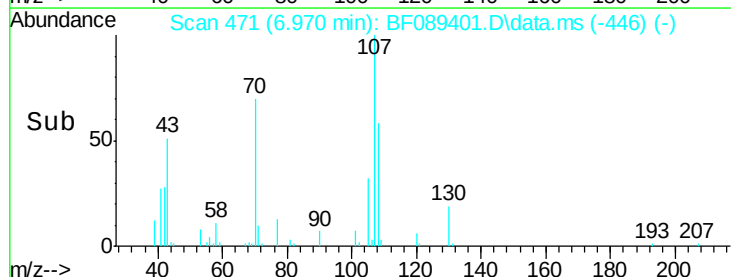
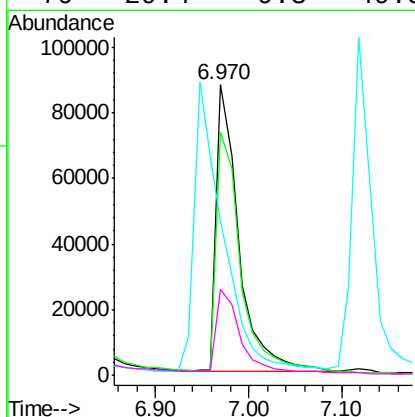
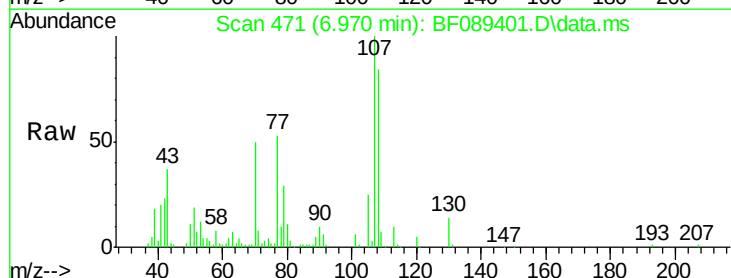
Instrument :
BNA_F
ClientSampleId :

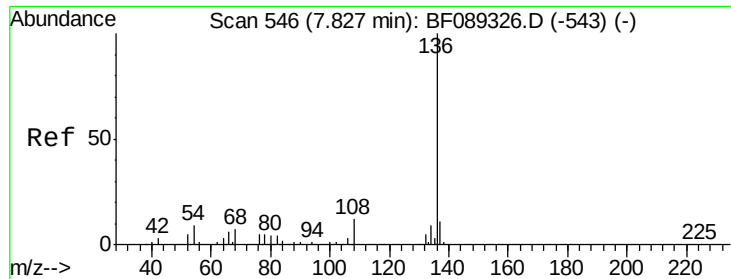
Tot Ion: 70 Resp: 106431
Ion Ratio Lower Upper
70 100
42 57.8 38.6 57.8
101 9.1 8.3 12.5
130 17.5 19.0 28.4#



#20
3+4-Methylphenols
Concen: 45.00 ng
RT: 6.970 min Scan# 471
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 107 Resp: 145158
Ion Ratio Lower Upper
107 100
108 83.8 63.3 103.3
77 52.8 51.1 91.1
79 29.4 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.816 min Scan# 54

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tot Ion:136 Resp: 187149

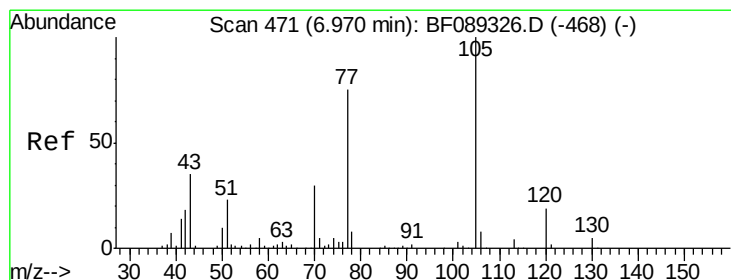
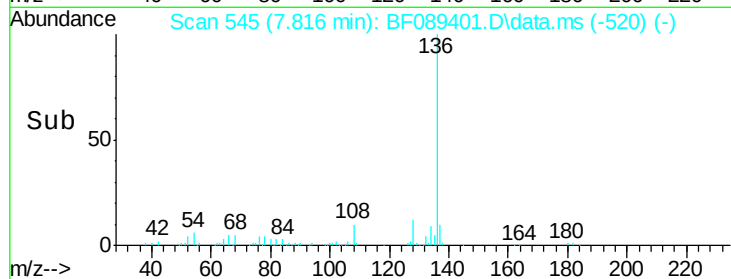
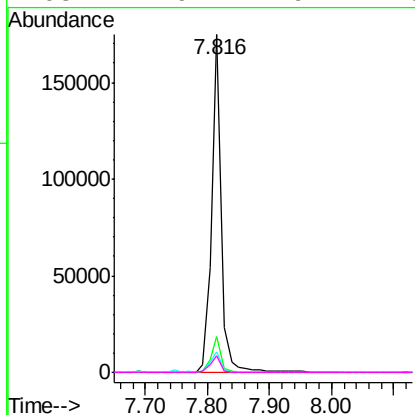
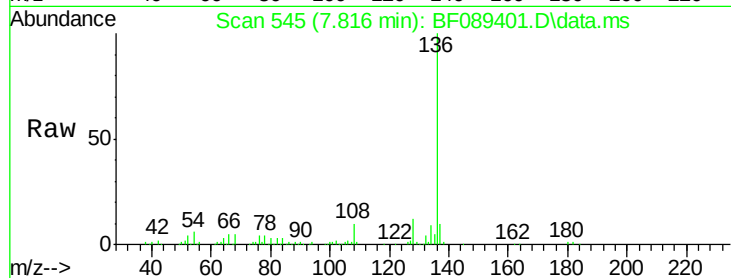
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.2 7.0 10.4#

68 4.9 4.9 7.3



#22

Acetophenone

Concen: 43.19 ng

RT: 6.947 min Scan# 469

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Tgt Ion:105 Resp: 192419

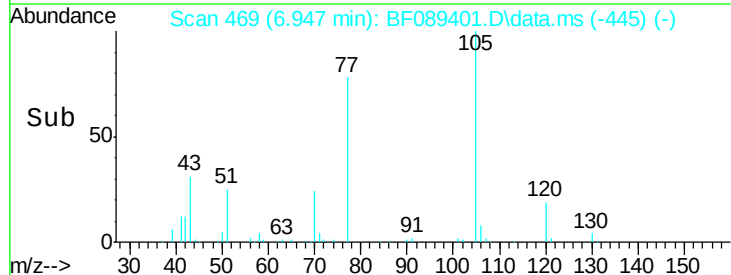
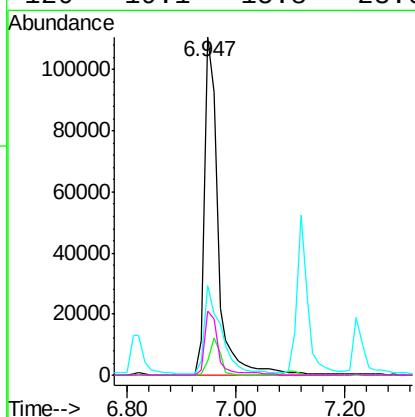
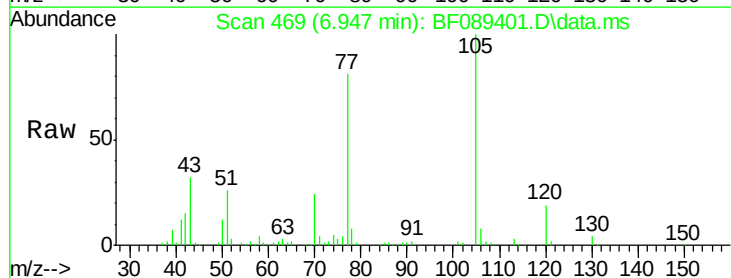
Ion Ratio Lower Upper

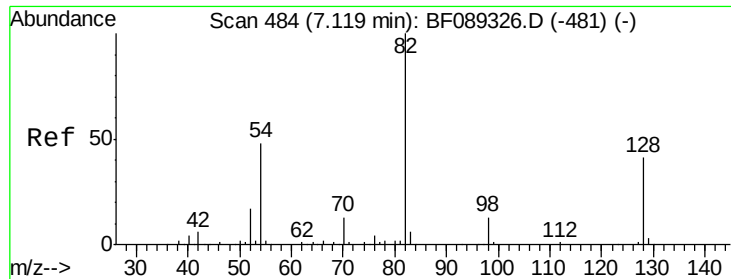
105 100

71 4.2 4.2 6.2

51 26.5 18.7 28.1

120 19.1 15.8 23.6





#23

Nitrobenzene-d5

Concen: 95.54 ng

RT: 7.107 min Scan# 481

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

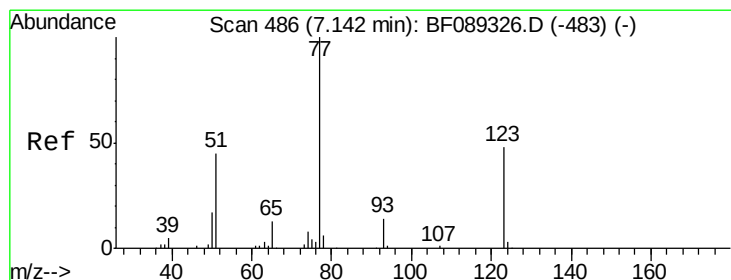
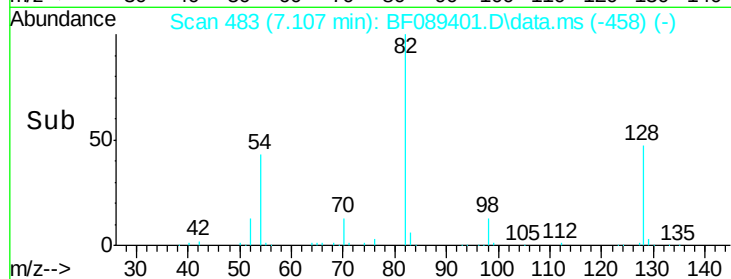
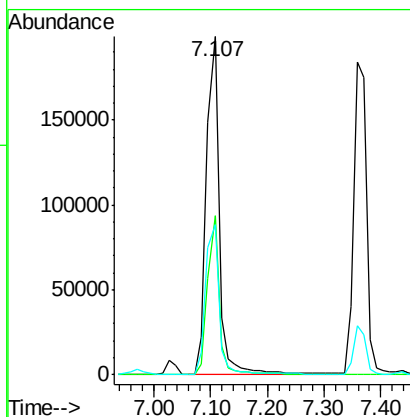
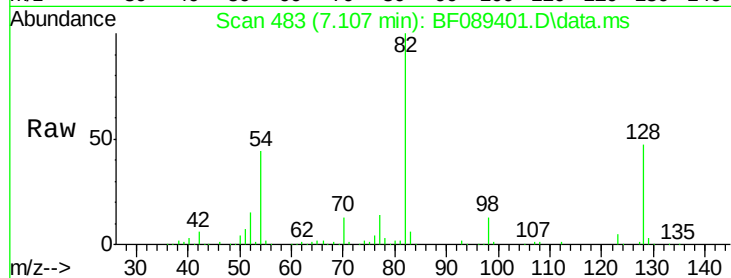
Tot Ion: 82 Resp: 302934

Ion Ratio Lower Upper

82 100

128 46.9 32.5 48.7

54 44.3 38.8 58.2



#24

Nitrobenzene

Concen: 40.65 ng

RT: 7.119 min Scan# 484

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

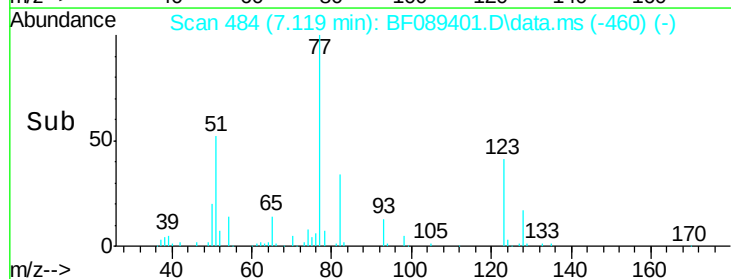
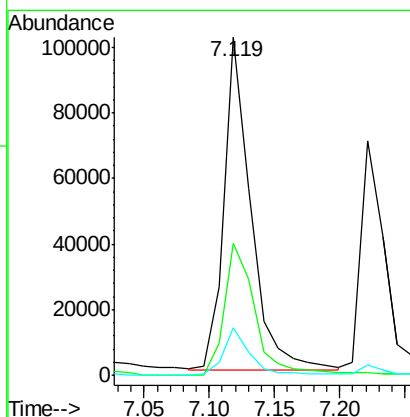
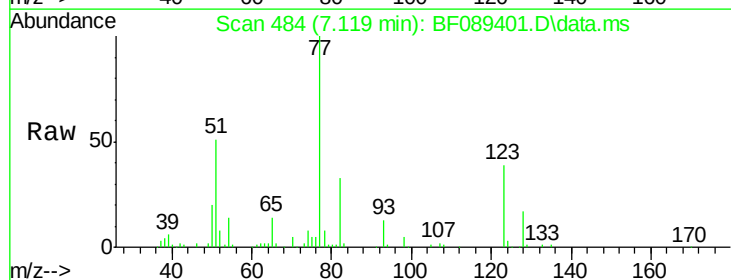
Tgt Ion: 77 Resp: 146676

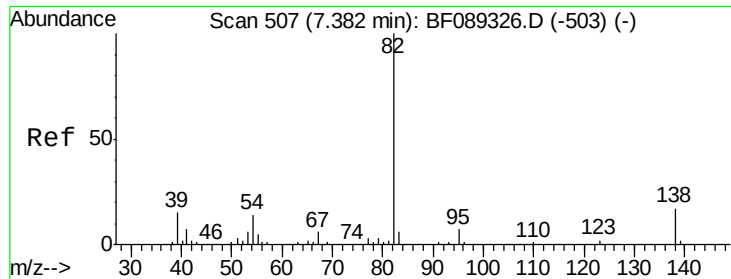
Ion Ratio Lower Upper

77 100

123 38.9 37.2 55.8

65 13.9 10.2 15.4





#25

Isophorone

Concen: 45.66 ng

RT: 7.359 min Scan# 50

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

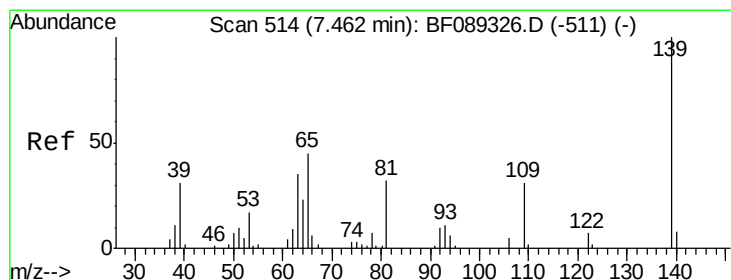
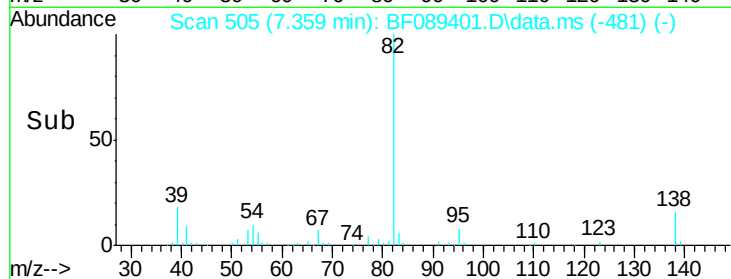
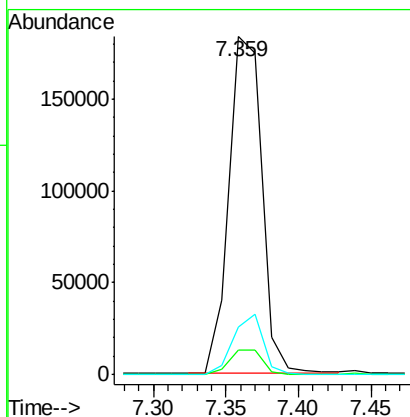
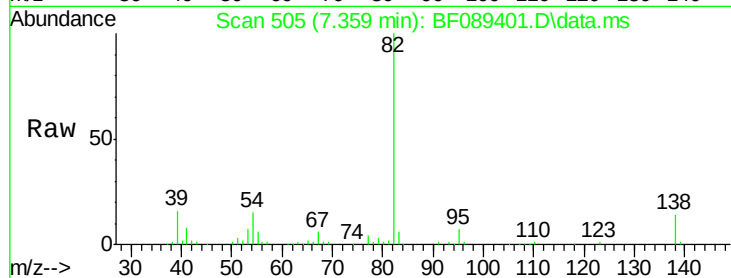
Tot Ion: 82 Resp: 291613

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 14.1 13.3 19.9



#26

2-Nitrophenol

Concen: 45.79 ng

RT: 7.439 min Scan# 512

Delta R.T. -0.022 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

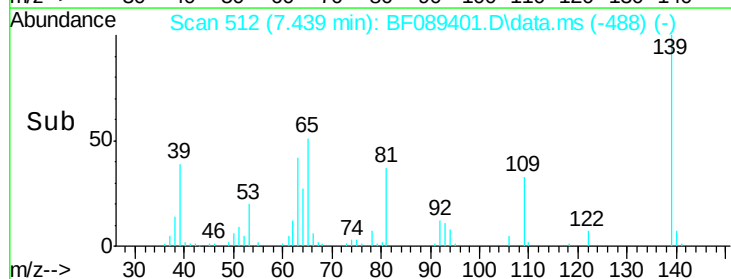
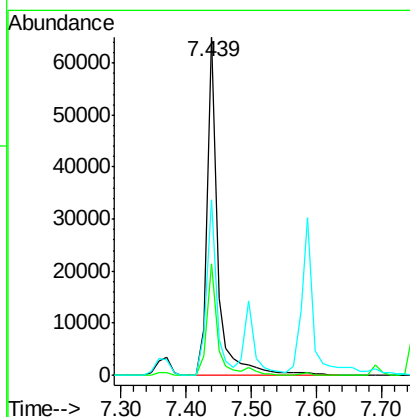
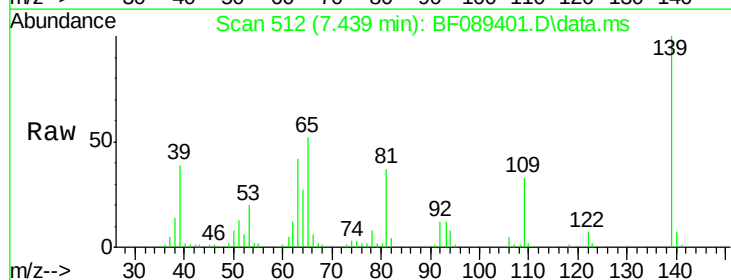
Tgt Ion: 139 Resp: 73874

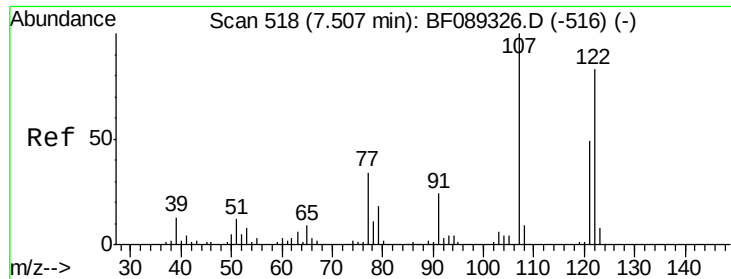
Ion Ratio Lower Upper

139 100

109 33.1 25.8 38.8

65 52.1 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 48.75 ng

RT: 7.496 min Scan# 51

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampled :

I-2MS

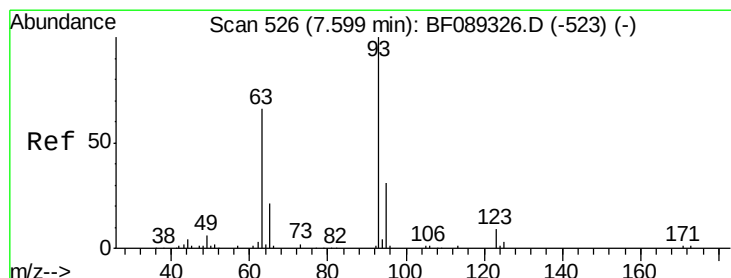
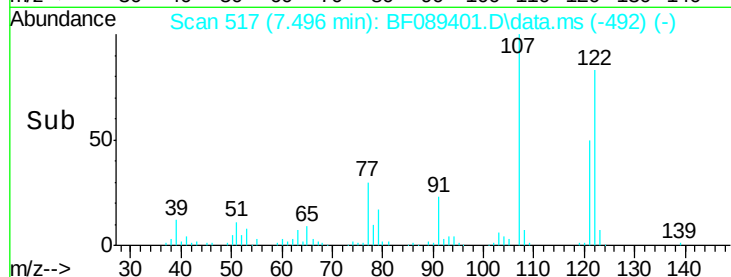
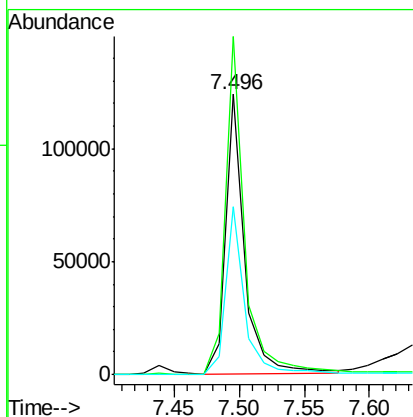
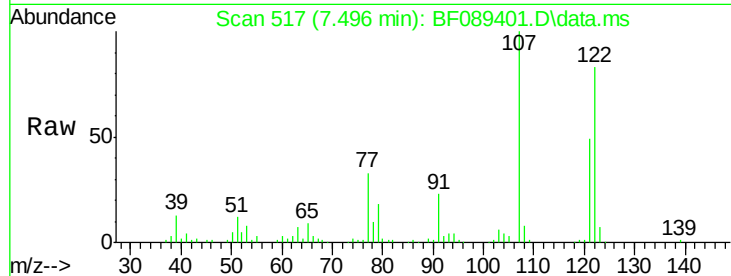
Tot Ion:122 Resp: 125296

Ion Ratio Lower Upper

122 100

107 120.8 97.2 145.8

121 59.7 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 53.62 ng

RT: 7.587 min Scan# 525

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

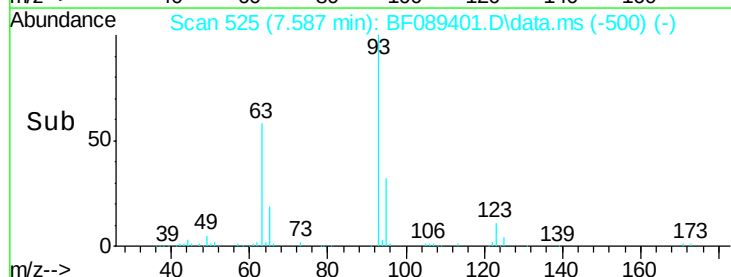
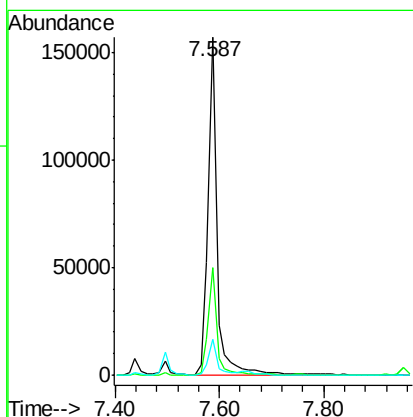
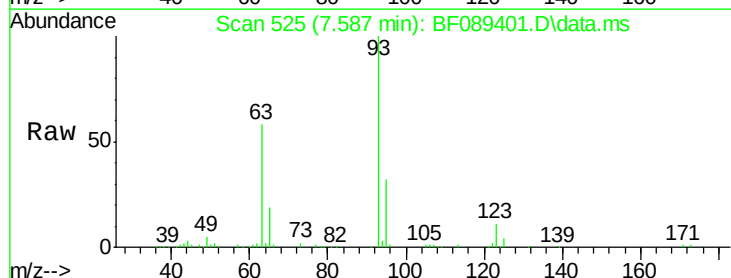
Tgt Ion: 93 Resp: 189569

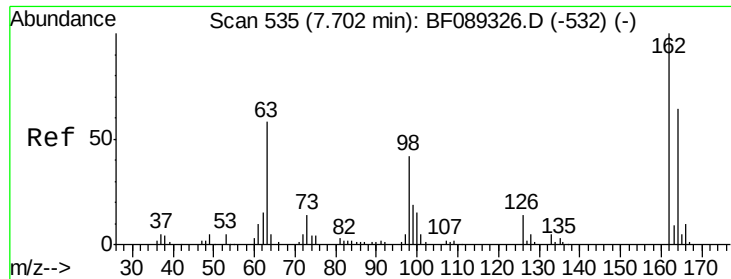
Ion Ratio Lower Upper

93 100

95 31.7 24.7 37.1

123 10.6 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 50.82 ng

RT: 7.690 min Scan# 53

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

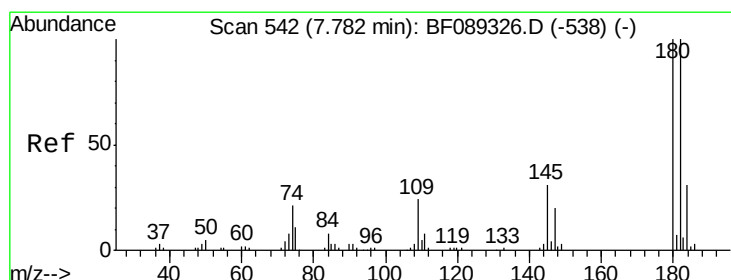
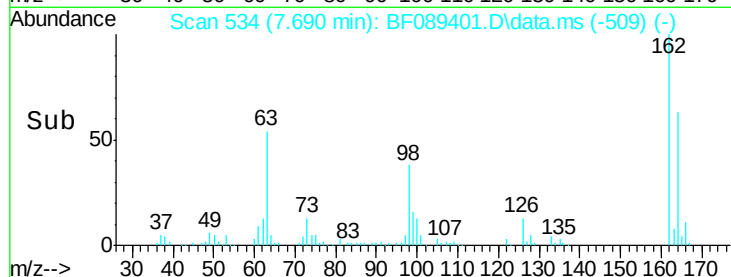
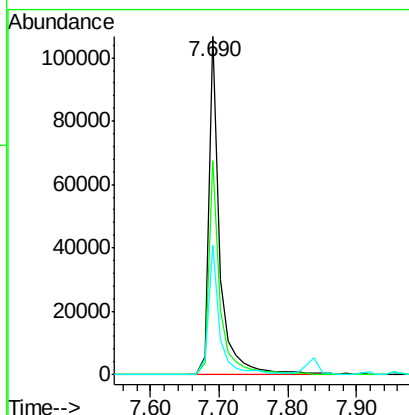
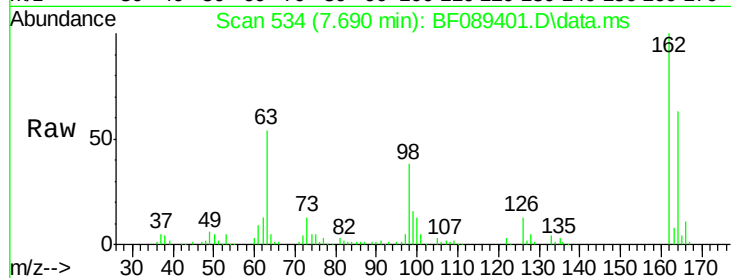
Tot Ion:162 Resp: 119021

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

98 38.4 21.8 61.8



#30

1,2,4-Trichlorobenzene

Concen: 44.09 ng

RT: 7.759 min Scan# 540

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

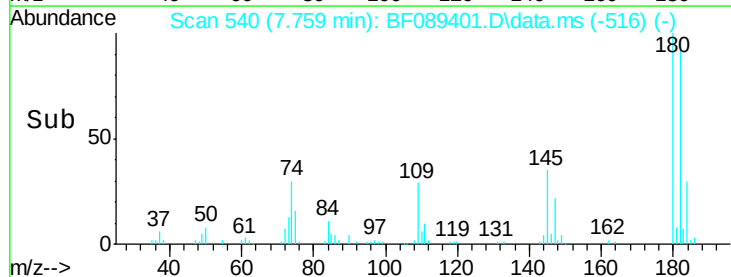
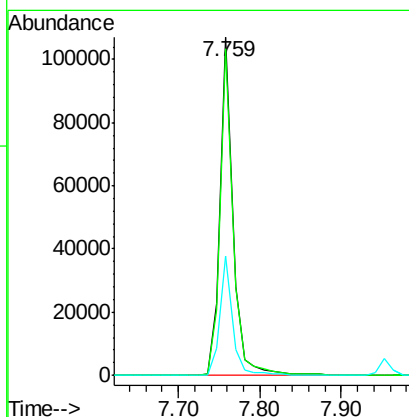
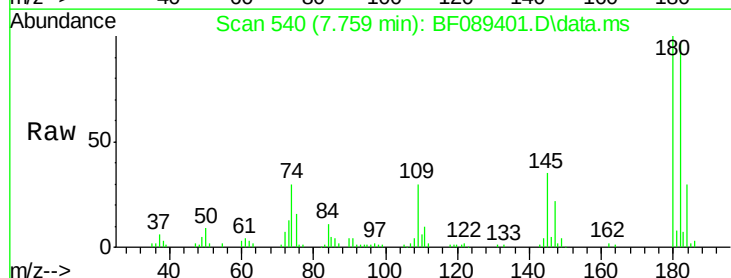
Tgt Ion:180 Resp: 117826

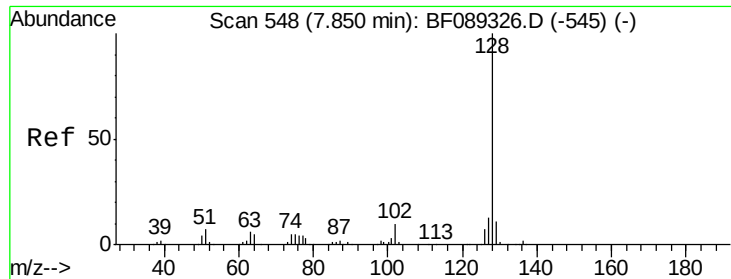
Ion Ratio Lower Upper

180 100

182 96.7 78.2 117.2

145 35.4 24.6 36.8

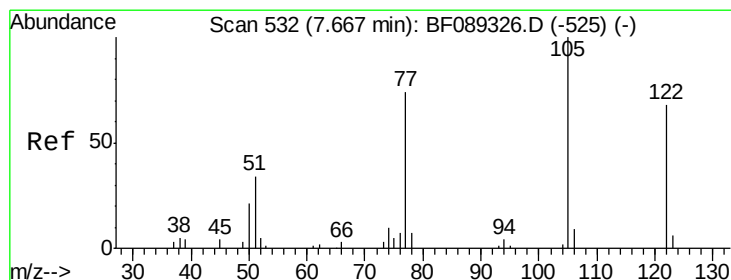
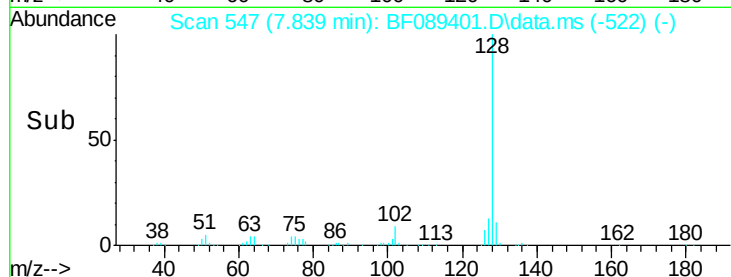
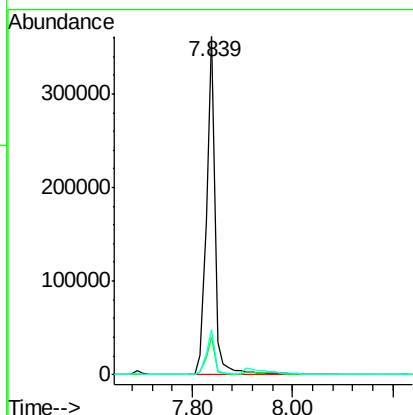
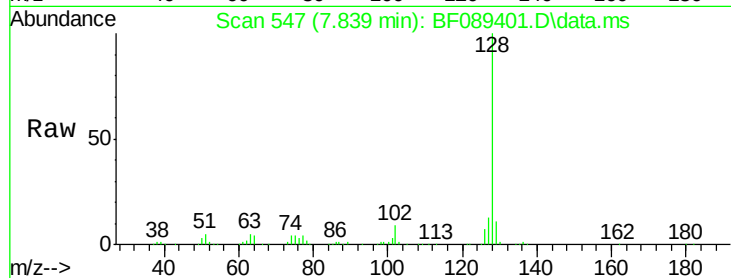




#31
Naphthalene
Concen: 46.30 ng
RT: 7.839 min Scan# 54
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

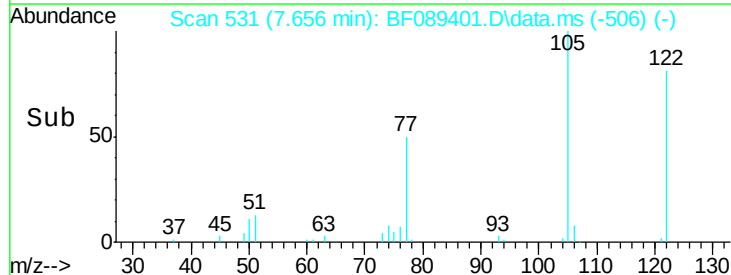
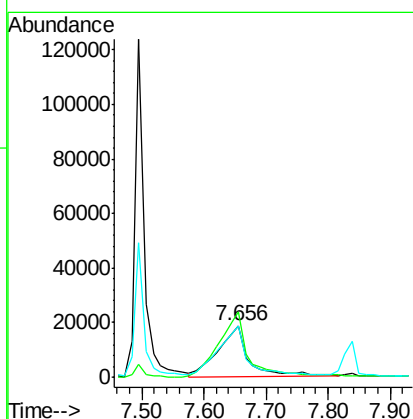
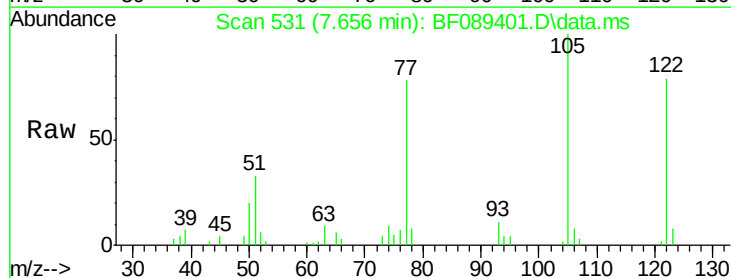
Instrument :
BNA_F
ClientSampleId :
I-2MS

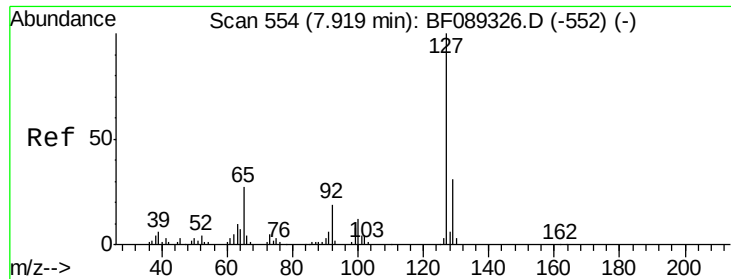
Tot Ion:128 Resp: 429128
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 34.26 ng
RT: 7.656 min Scan# 531
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:122 Resp: 61351
Ion Ratio Lower Upper
122 100
105 127.1 106.4 146.4
77 98.7 76.4 116.4

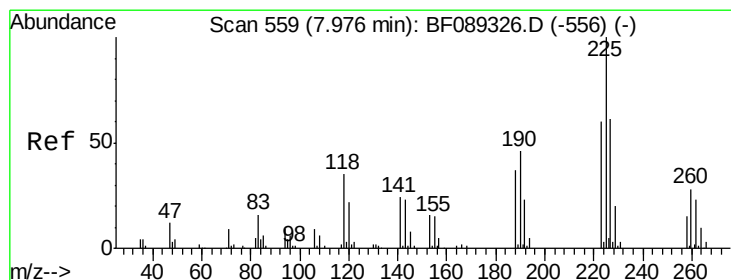
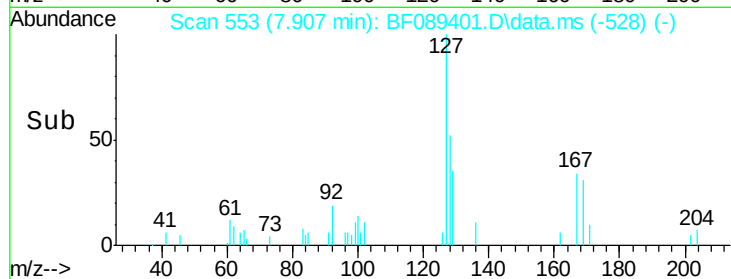
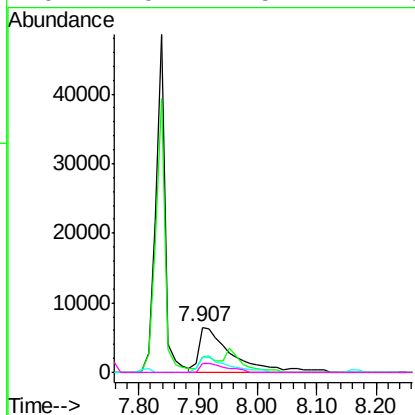
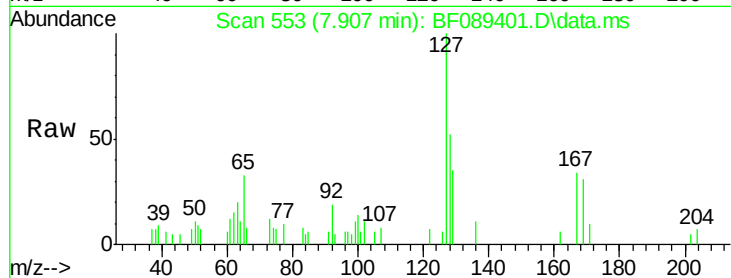




#33
4-Chloroaniline
Concen: 7.39 ng
RT: 7.907 min Scan# 55
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

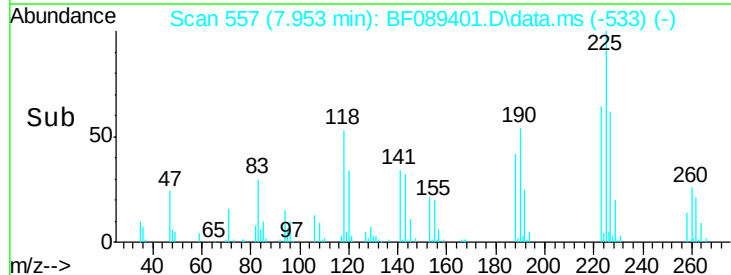
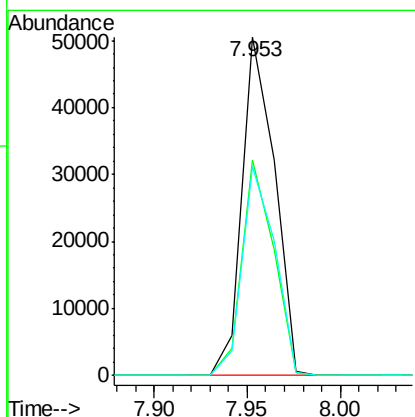
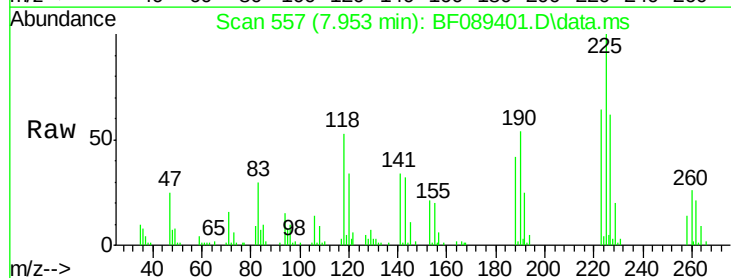
Instrument :
BNA_F
ClientSampleId :
I-2MS

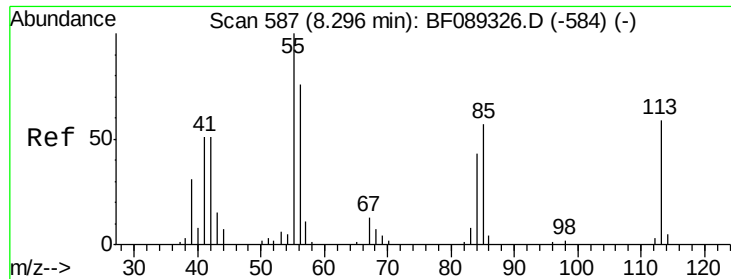
Tot Ion:	127	Resp:	26059
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.1	39.1
65	33.1	22.0	33.0#
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.90 ng
RT: 7.953 min Scan# 557
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:	225	Resp:	61063
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	61.6	49.4	74.2





#35

Caprolactam

Concen: 40.08 ng

RT: 8.273 min Scan# 58

Delta R.T. -0.022 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

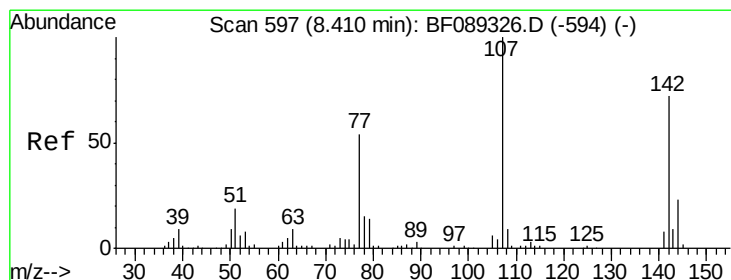
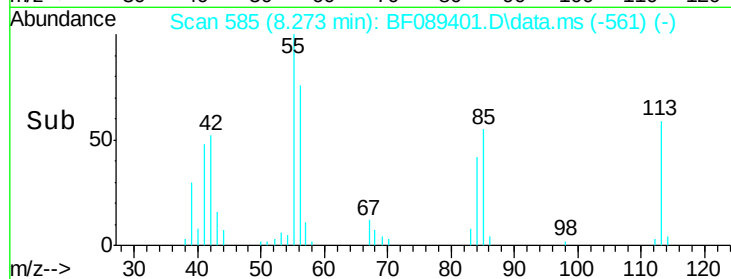
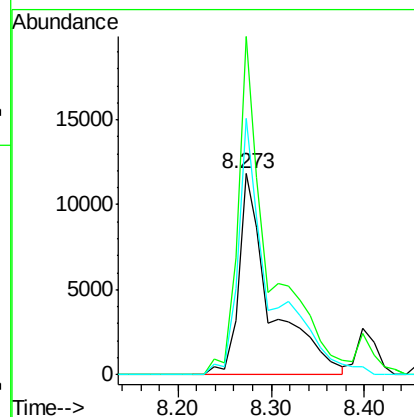
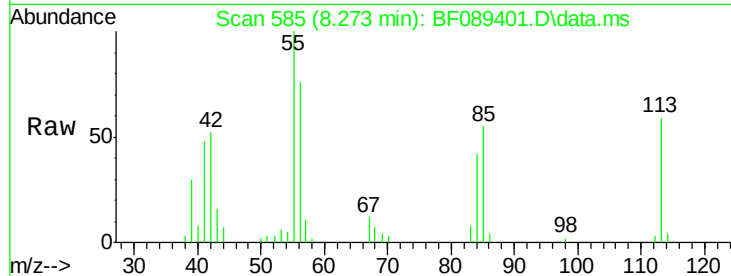
Tot Ion:113 Resp: 28331

Ion Ratio Lower Upper

113 100

55 168.4 142.3 182.3

56 127.7 105.8 145.8



#36

4-Chloro-3-methylphenol

Concen: 43.74 ng

RT: 8.399 min Scan# 596

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

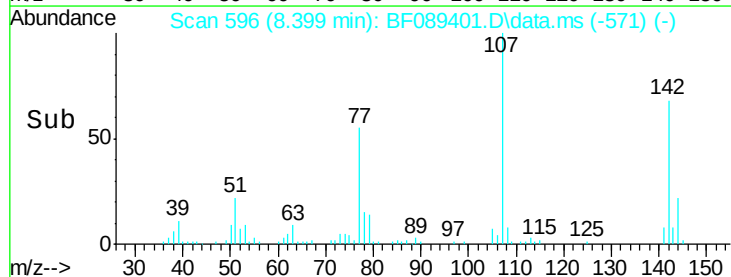
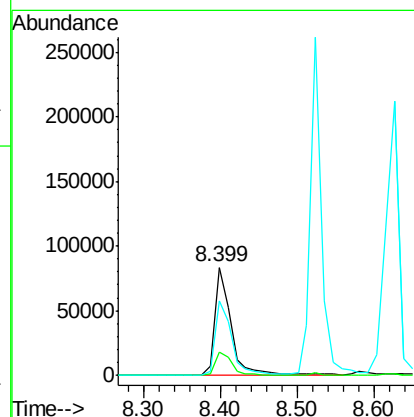
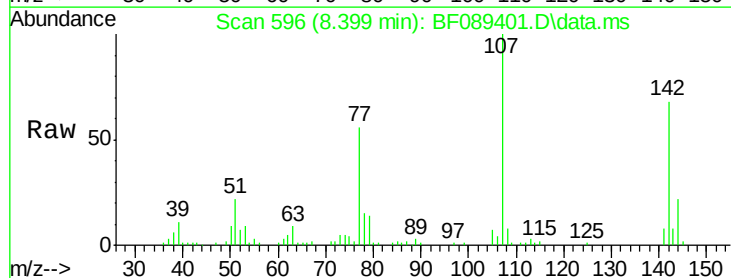
Tgt Ion:107 Resp: 121753

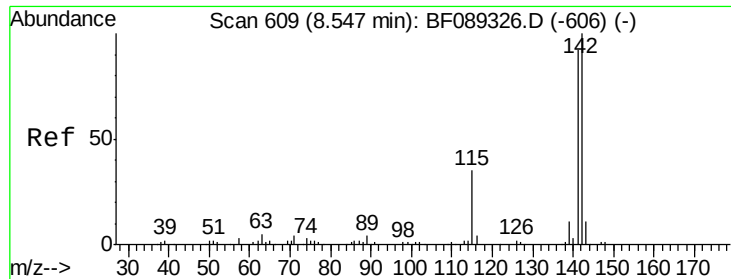
Ion Ratio Lower Upper

107 100

144 21.7 18.4 27.6

142 68.5 58.6 87.8

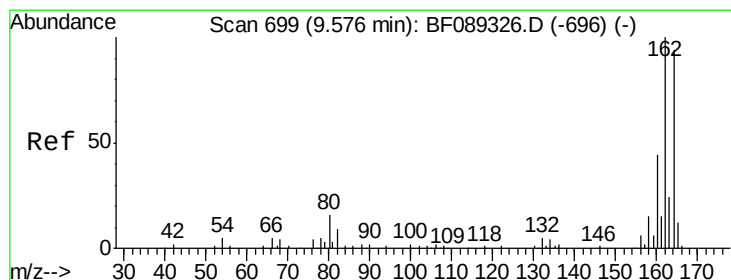
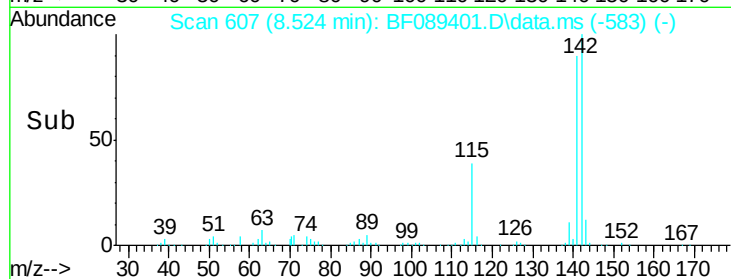
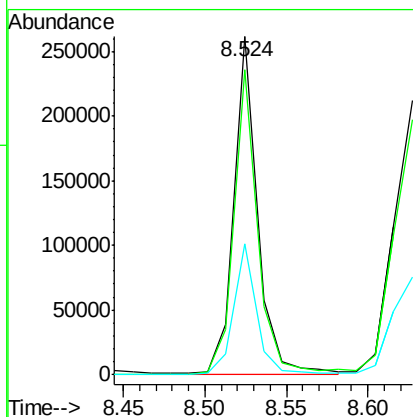
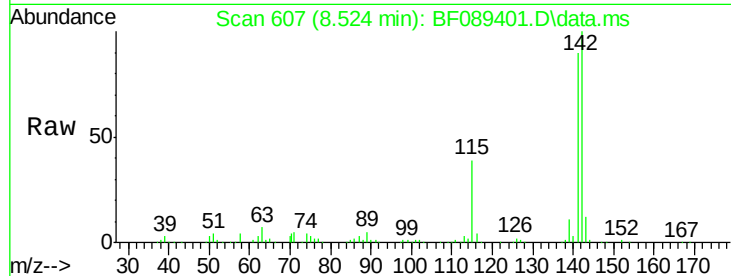




#37
2-Methylnaphthalene
Concen: 46.68 ng
RT: 8.524 min Scan# 60
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

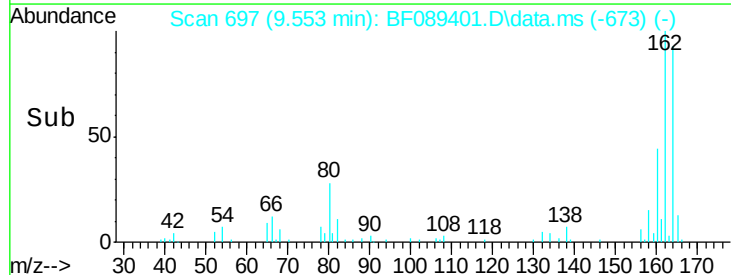
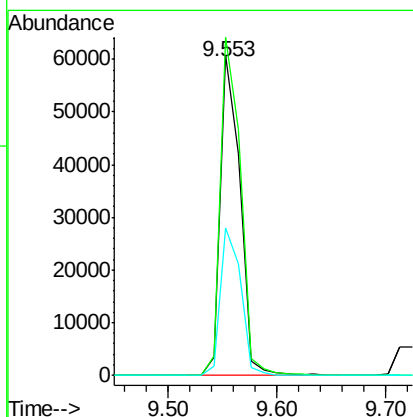
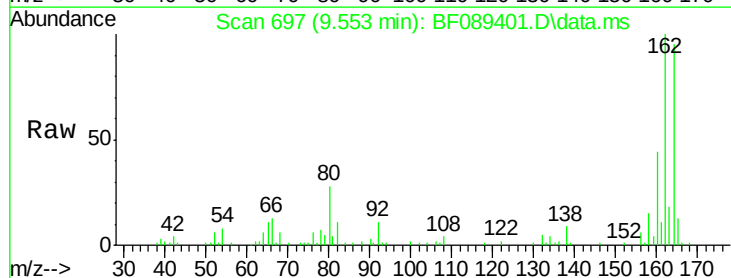
Instrument :
BNA_F
ClientSampleId :
I-2MS

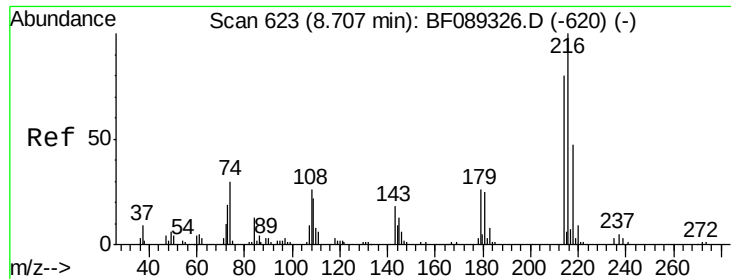
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.9	106.3
115	38.7	27.6	41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.553 min Scan# 697
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.7	125.5
160	46.2	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.26 ng

RT: 8.696 min Scan# 62

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tot Ion:216 Resp: 107407

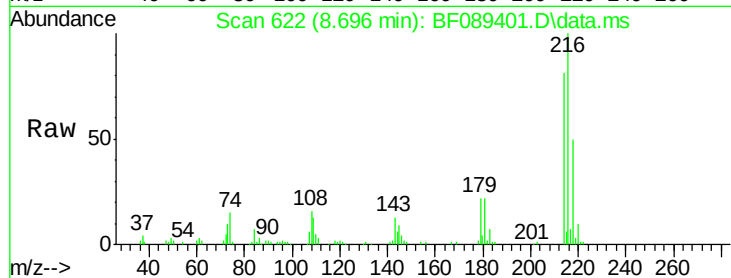
Ion Ratio Lower Upper

216 100

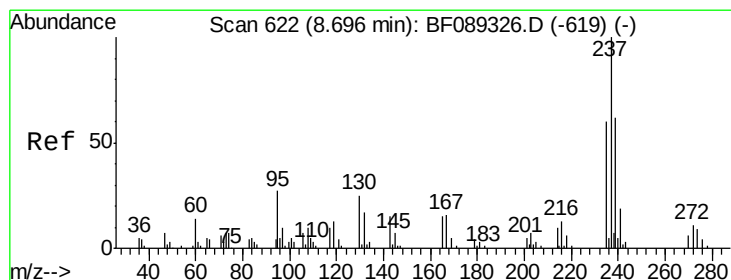
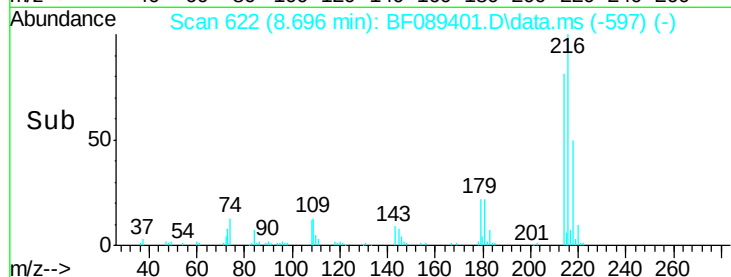
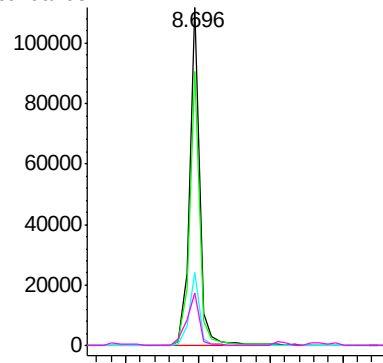
214 80.1 63.3 94.9

179 21.8 18.1 27.1

108 19.2 17.2 25.8



Abundance



#40

Hexachlorocyclopentadiene

Concen: 40.58 ng

RT: 8.684 min Scan# 621

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

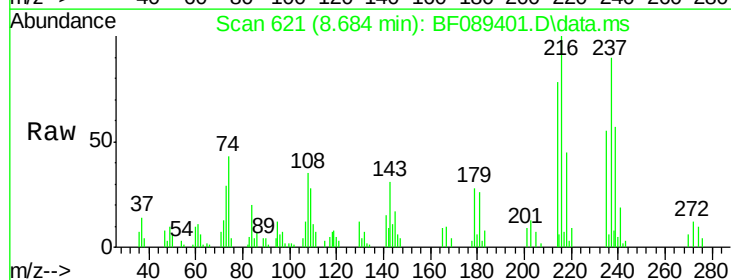
Tgt Ion:237 Resp: 27093

Ion Ratio Lower Upper

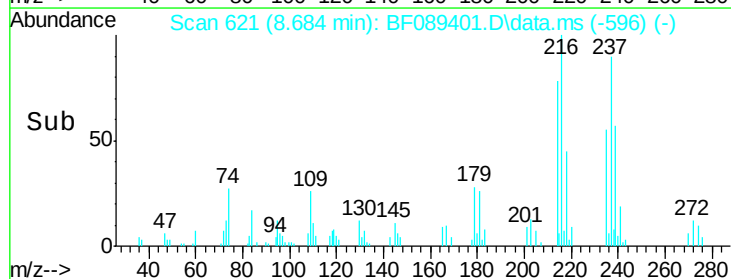
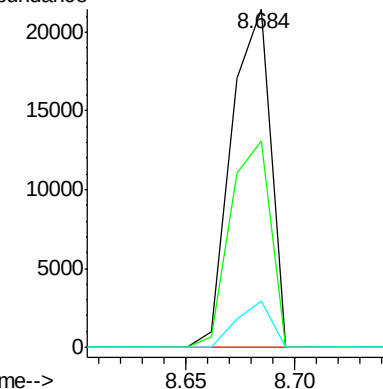
237 100

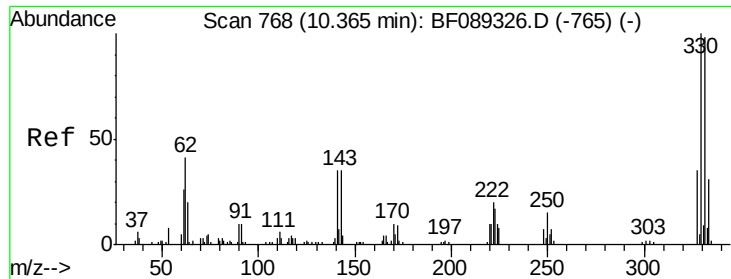
235 61.0 41.6 81.6

272 13.8 0.0 30.8



Abundance

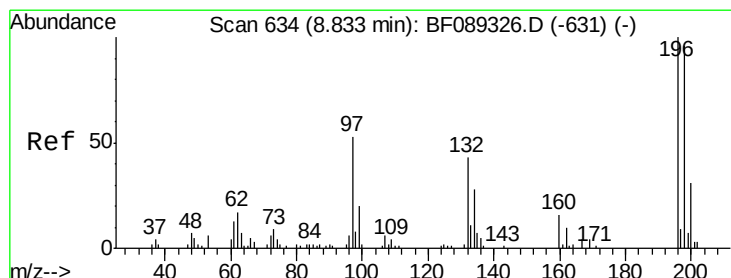
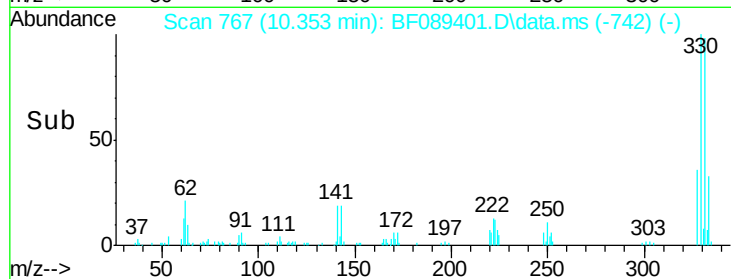
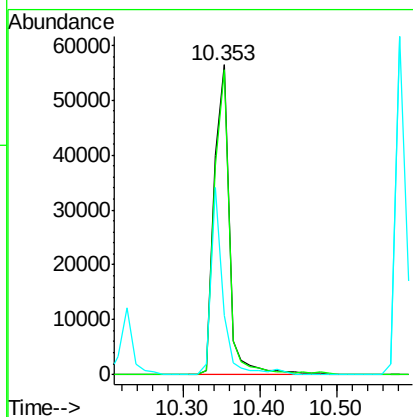
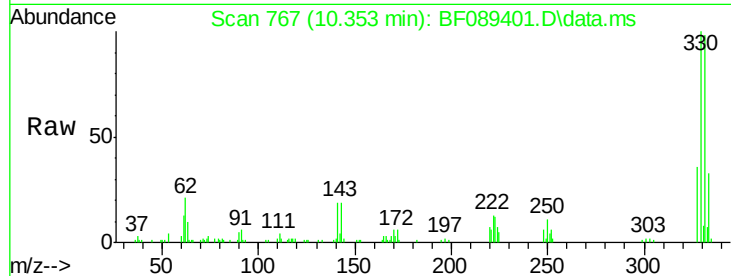




#41
 2,4,6-Tribromophenol
 Concen: 121.78 ng
 RT: 10.353 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

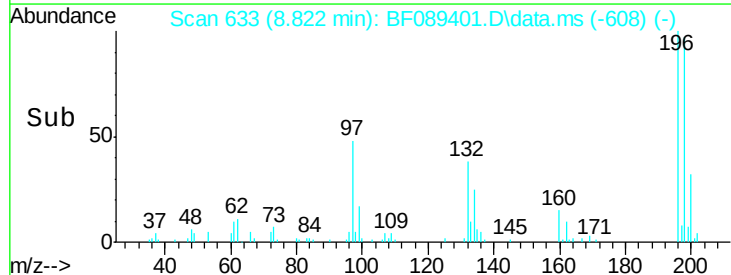
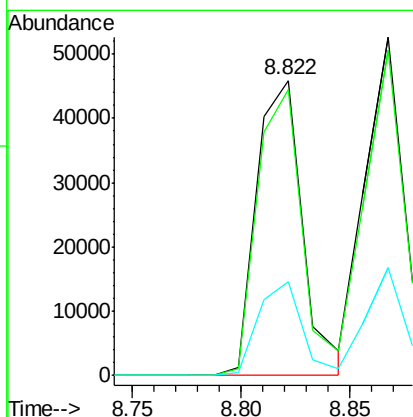
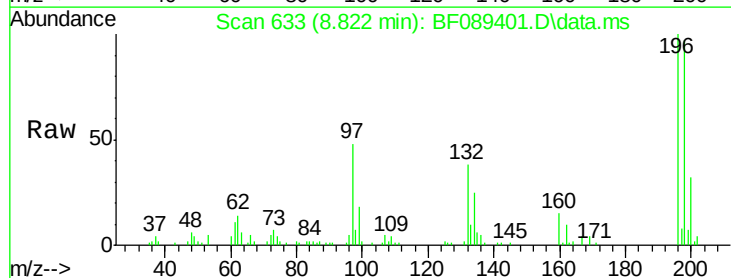
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

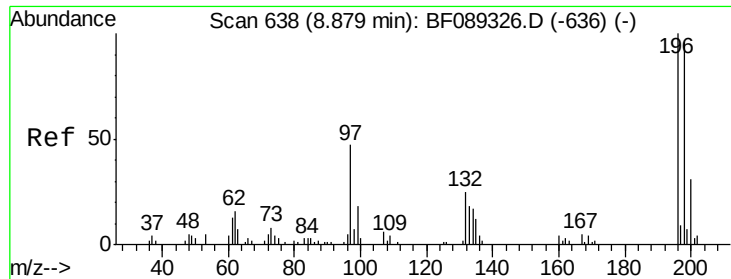
Tot Ion:330 Resp: 76882
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 46.1 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 53.43 ng
 RT: 8.822 min Scan# 633
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:196 Resp: 67756
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.5 113.3
 200 31.7 23.9 35.9

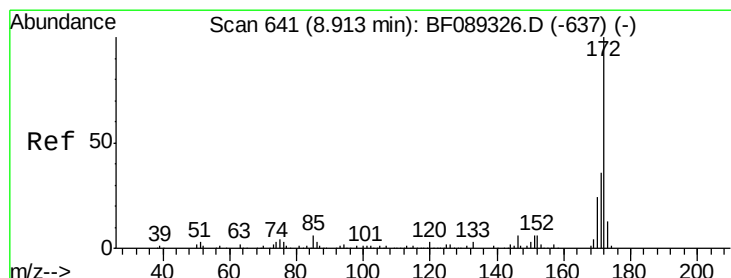
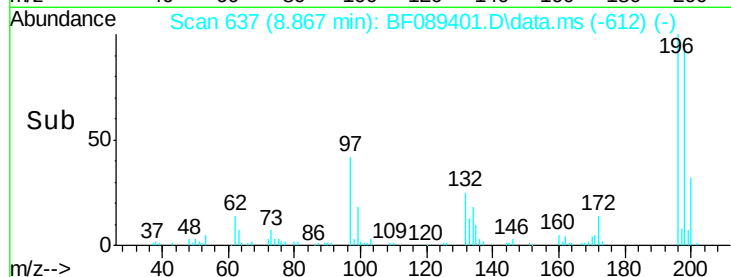
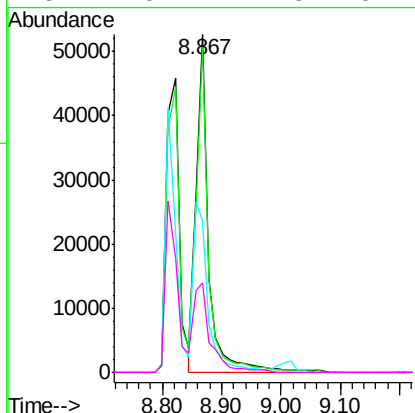
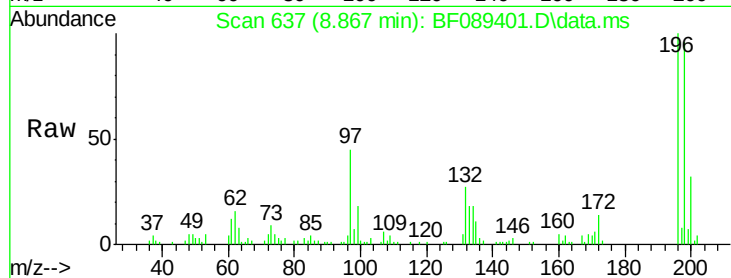




#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 8.867 min Scan# 63
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

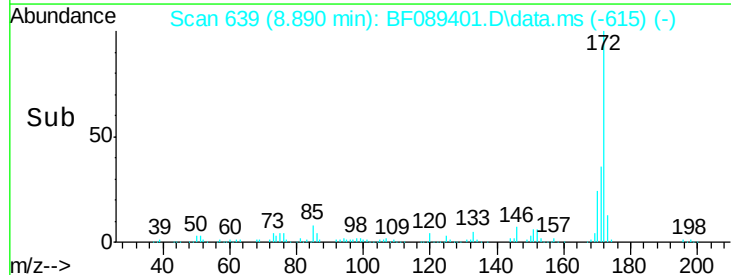
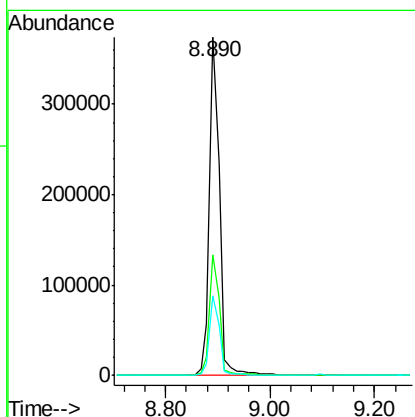
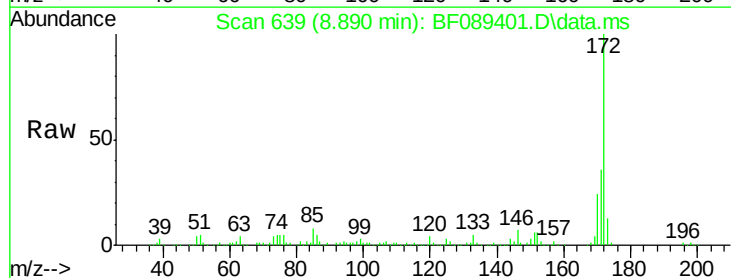
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

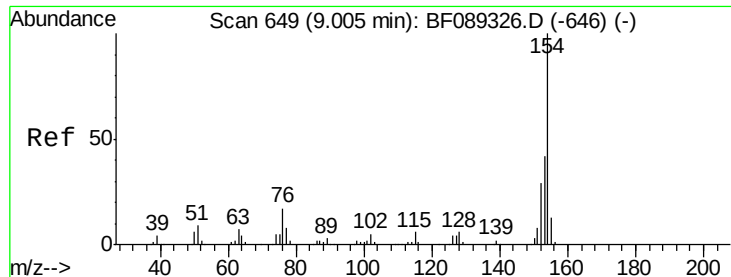
Tot Ion:196 Resp: 79068
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.7 118.1
 97 44.6 39.7 59.5
 132 26.7 22.8 34.2



#44
 2-Fluorobiphenyl
 Concen: 95.54 ng
 RT: 8.890 min Scan# 639
 Delta R.T. -0.023 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:172 Resp: 496254
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.7 19.2 28.8

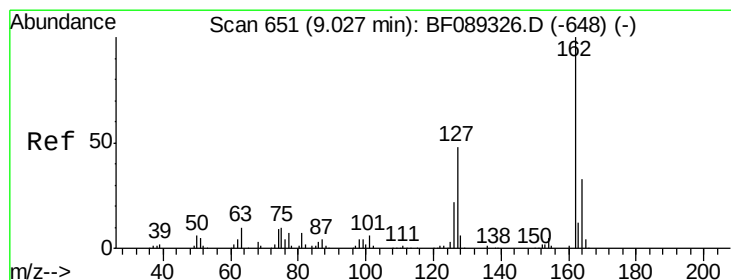
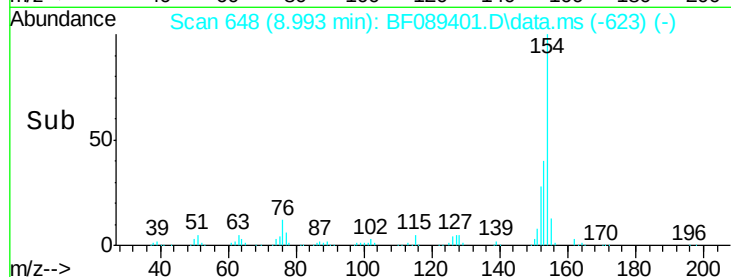
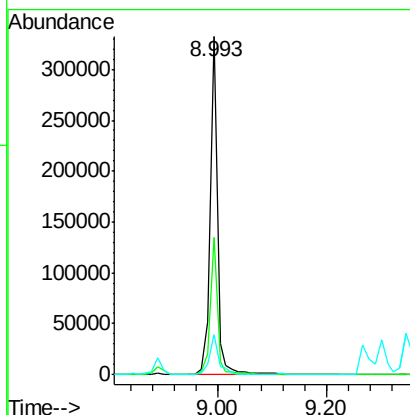
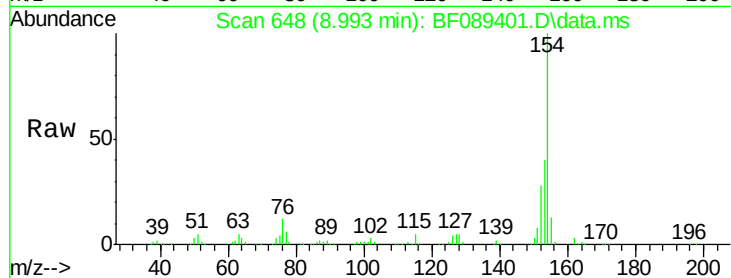




#45
 1,1'-Biphenyl
 Concen: 47.46 ng
 RT: 8.993 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

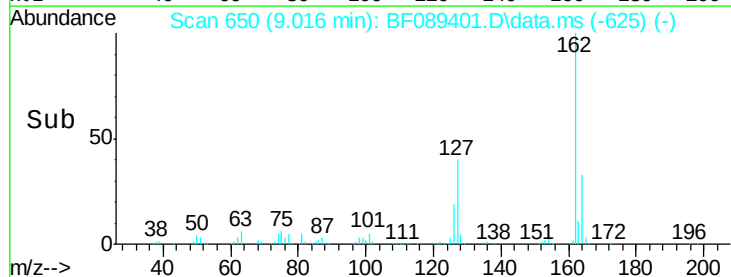
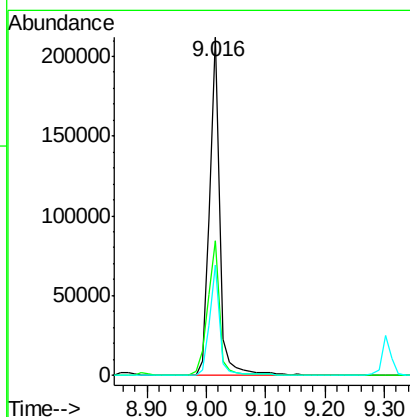
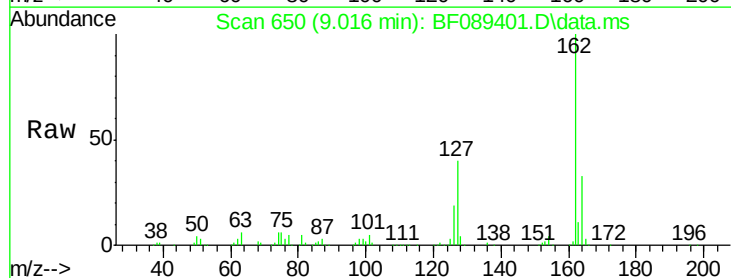
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

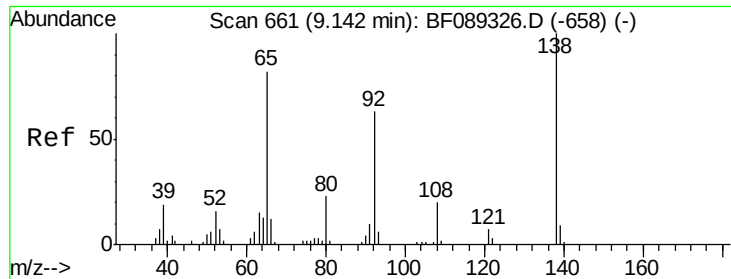
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.0	61.0
76	11.7	0.0	36.6



#46
 2-Chloronaphthalene
 Concen: 51.90 ng
 RT: 9.016 min Scan# 650
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	37.8	56.8
164	32.7	25.8	38.8

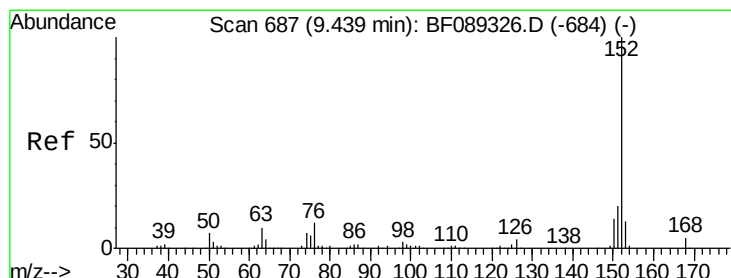
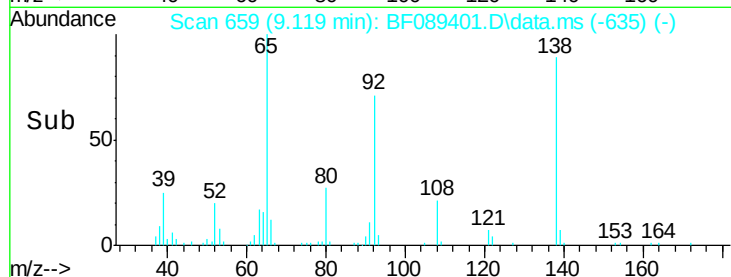
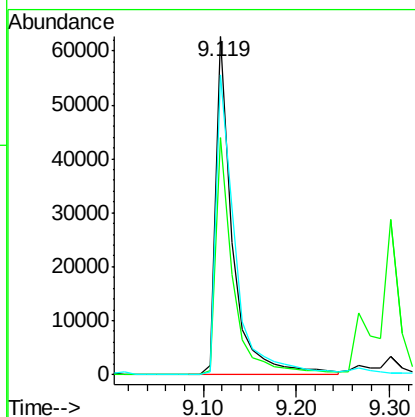
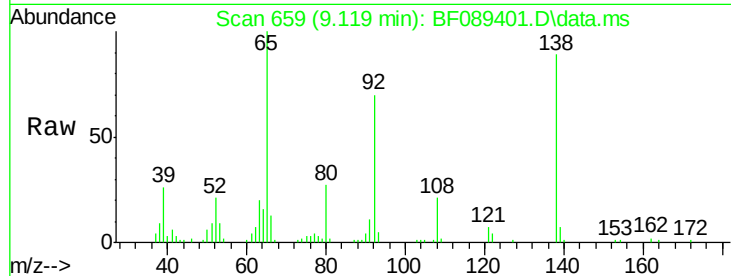




#47
2-Nitroaniline
Concen: 53.37 ng
RT: 9.119 min Scan# 65
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

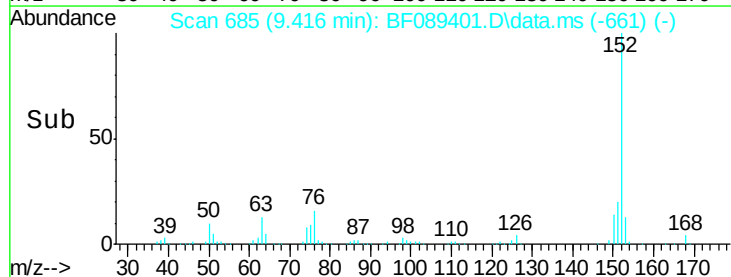
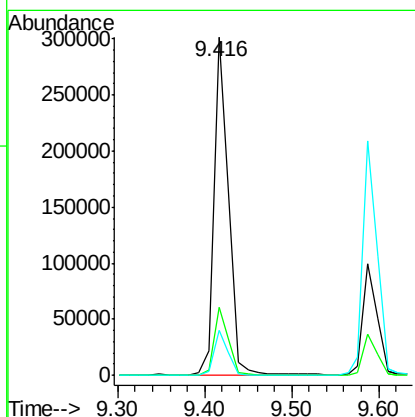
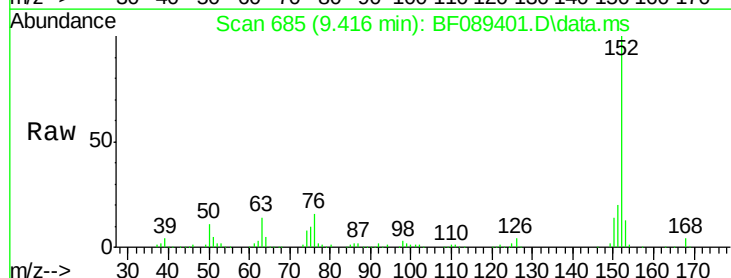
Instrument :
BNA_F
ClientSampleId :

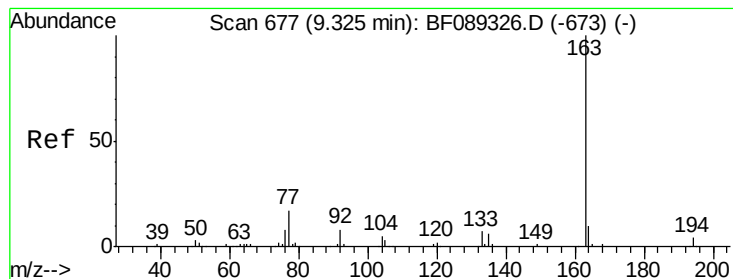
Tot Ion: 65 Resp: 77030
Ion Ratio Lower Upper
65 100
92 70.1 61.0 91.4
138 88.8 99.1 148.7#



#48
Acenaphthylene
Concen: 46.57 ng
RT: 9.416 min Scan# 685
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 152 Resp: 357568
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 49.14 ng

RT: 9.302 min Scan# 67

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

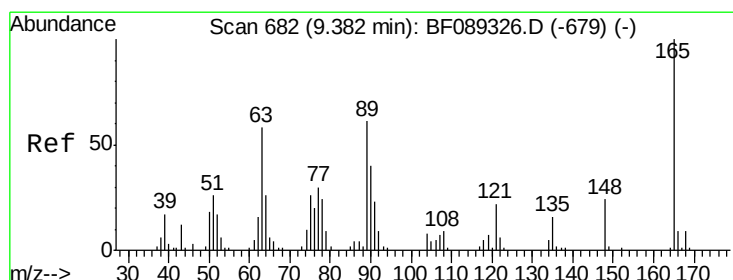
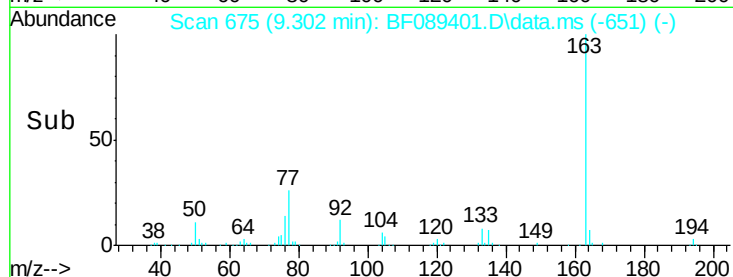
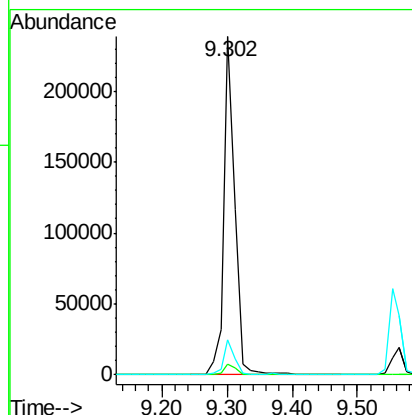
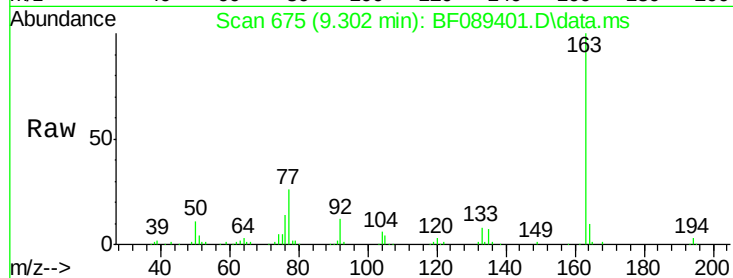
Tot Ion:163 Resp: 285069

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

164 10.4 7.8 11.8



#50

2,6-Dinitrotoluene

Concen: 48.17 ng

RT: 9.370 min Scan# 681

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

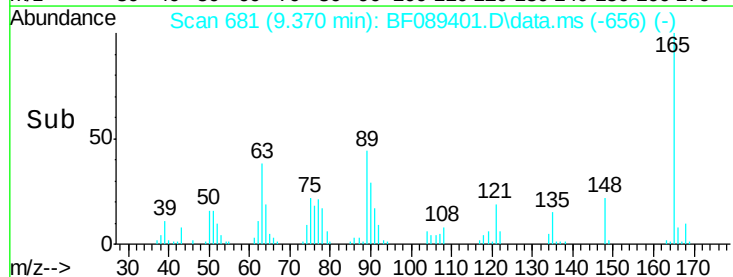
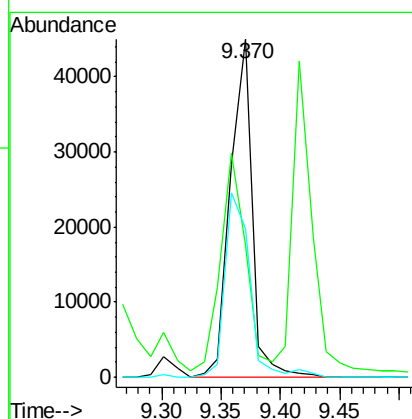
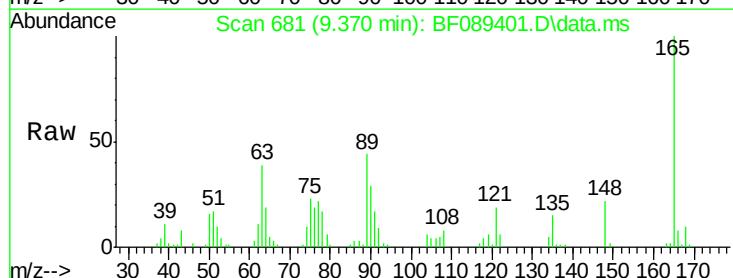
Tgt Ion:165 Resp: 57417

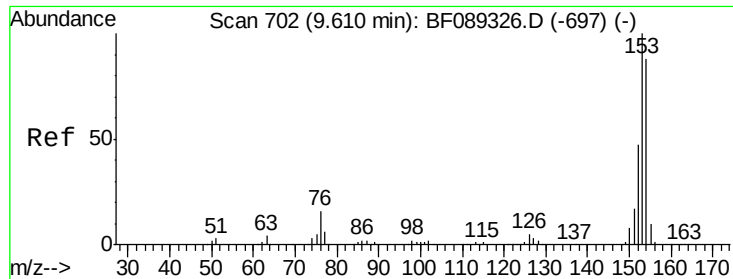
Ion Ratio Lower Upper

165 100

63 39.2 43.5 65.3#

89 44.1 45.0 67.4#





#51

Acenaphthene

Concen: 46.14 ng

RT: 9.587 min Scan# 70

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

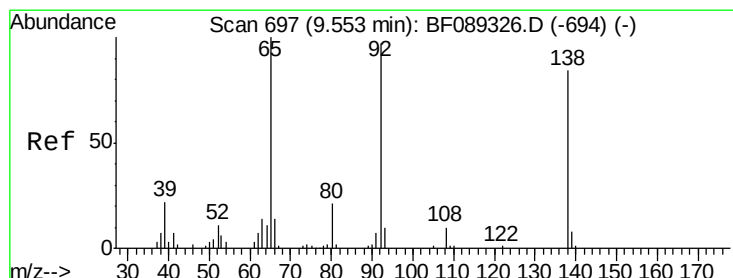
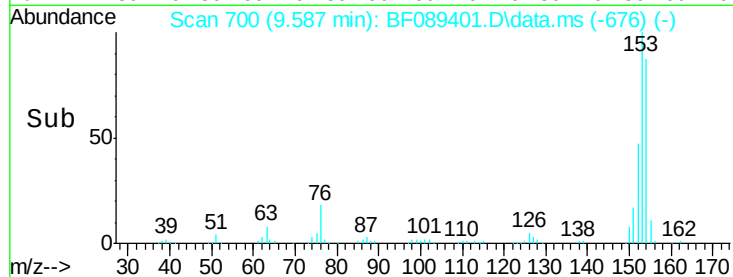
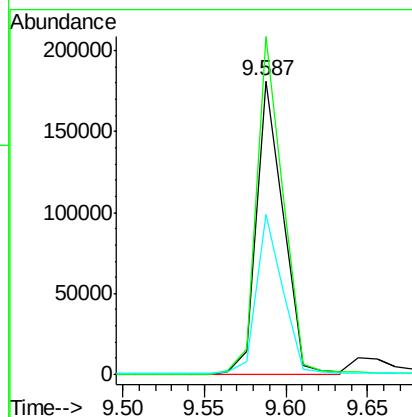
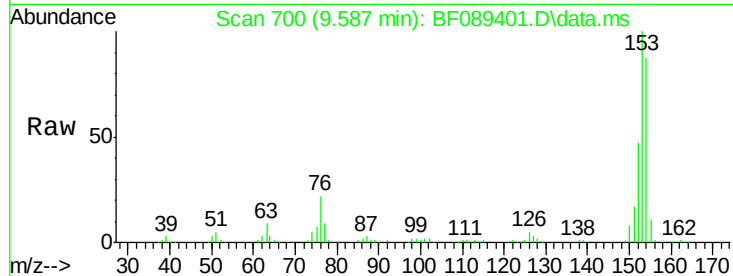
Tot Ion:154 Resp: 206876

Ion Ratio Lower Upper

154 100

153 115.2 91.4 137.2

152 54.6 43.8 65.6



#52

3-Nitroaniline

Concen: 26.75 ng

RT: 9.530 min Scan# 695

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

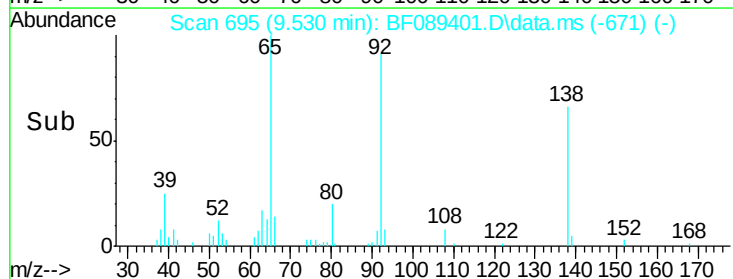
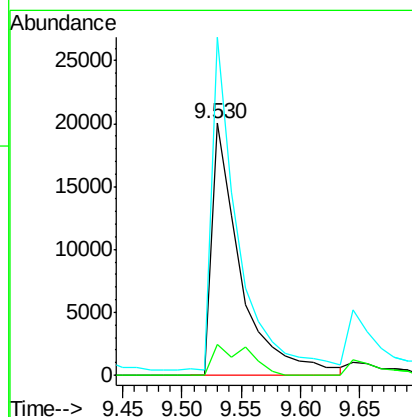
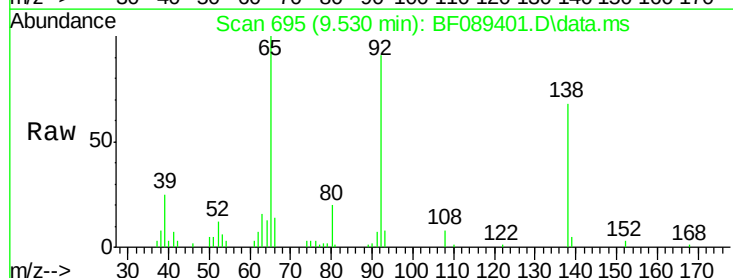
Tgt Ion:138 Resp: 33643

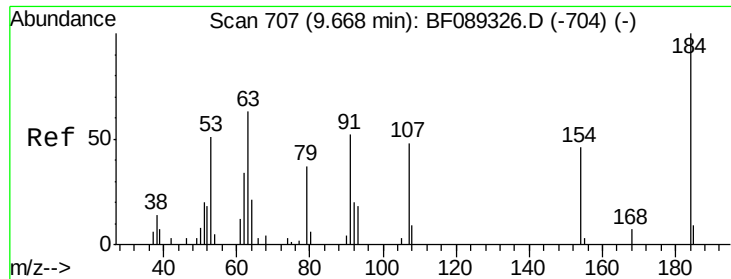
Ion Ratio Lower Upper

138 100

108 12.1 8.6 13.0

92 134.3 90.0 135.0

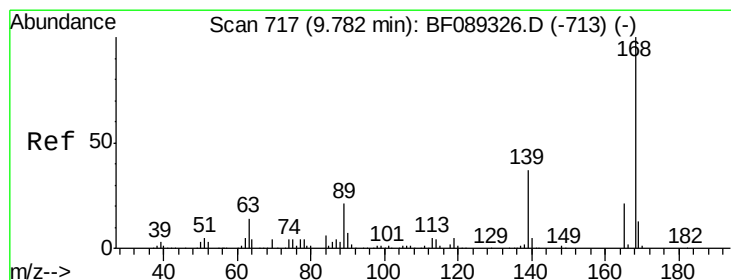
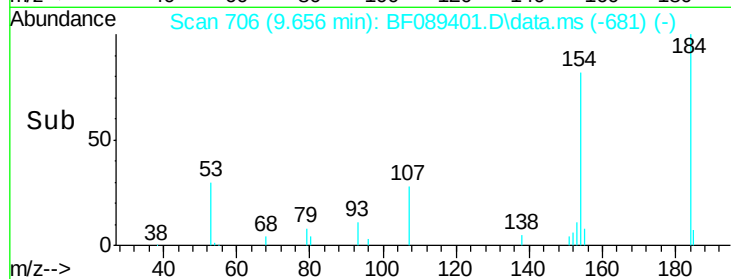
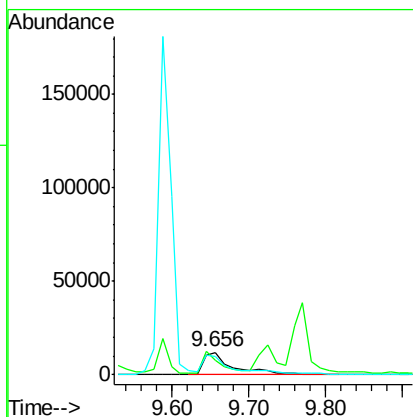
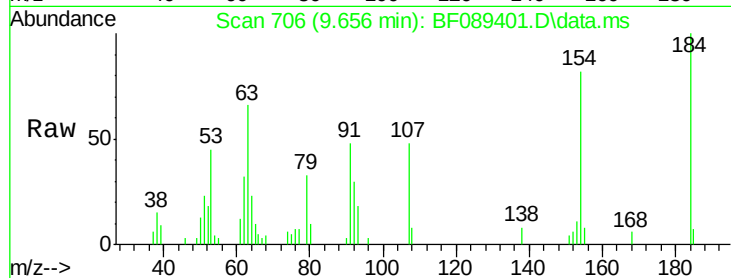




#53
2,4-Dinitrophenol
Concen: 62.47 ng
RT: 9.656 min Scan# 70
Delta R.T. -0.011 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

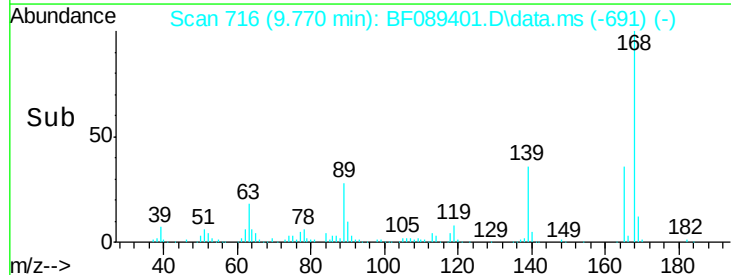
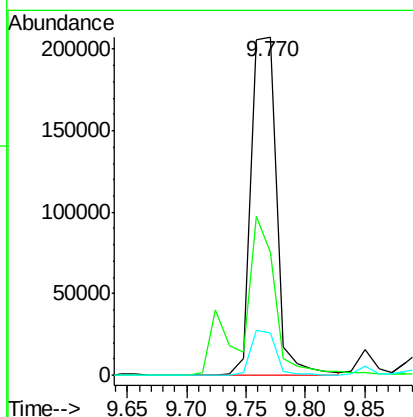
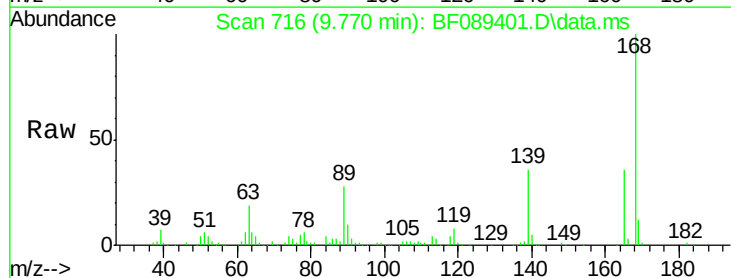
Instrument :
BNA_F
ClientSampleId :
I-2MS

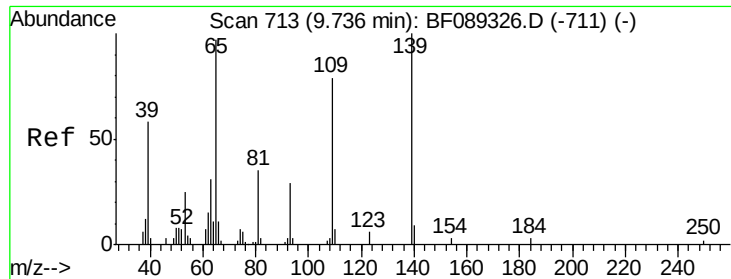
Tot Ion:184 Resp: 30324
Ion Ratio Lower Upper
184 100
63 65.9 60.6 90.8
154 82.3 69.8 104.8



#54
Dibenzofuran
Concen: 51.32 ng
RT: 9.770 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:168 Resp: 313527
Ion Ratio Lower Upper
168 100
139 36.2 33.7 50.5
169 12.4 10.7 16.1

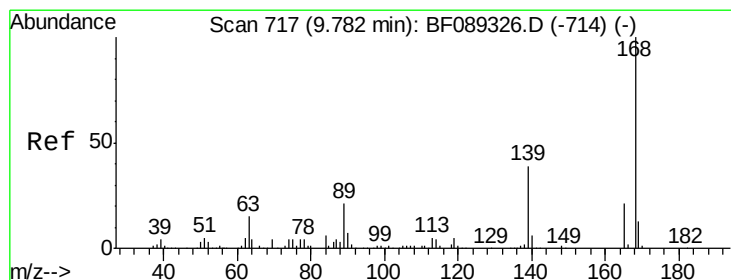
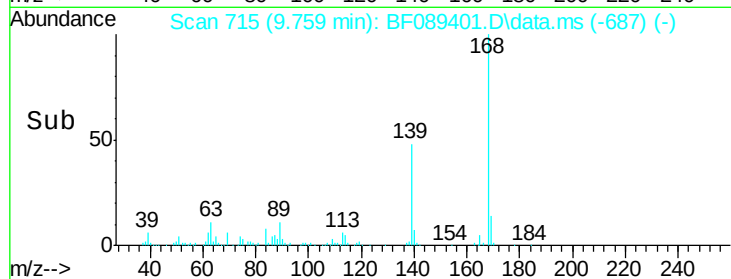
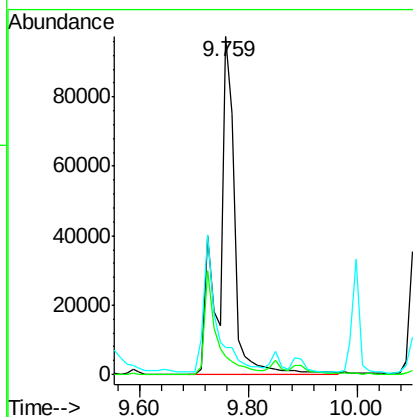
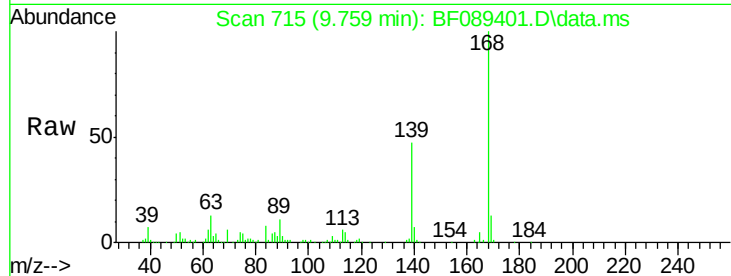




#55
4-Nitrophenol
Concen: 296.74 ng
RT: 9.759 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

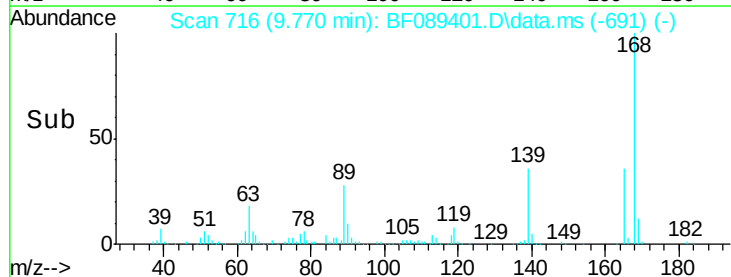
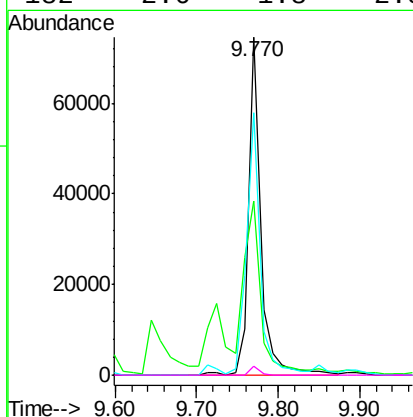
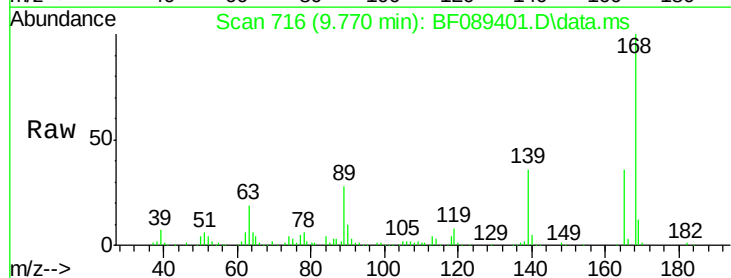
Instrument :
BNA_F
ClientSampleId :
I-2MS

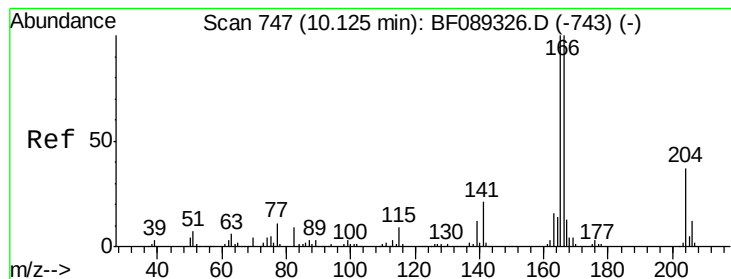
Tot Ion	Ratio	Lower	Upper
139	100		
109	5.4	57.8	97.8#
65	7.9	81.7	121.7#



#56
2,4-Dinitrotoluene
Concen: 49.57 ng
RT: 9.770 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	58.2	87.2#
89	77.6	79.1	118.7#
182	2.6	1.8	2.8





#57

Fluorene

Concen: 44.79 ng

RT: 10.102 min Scan# 74

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

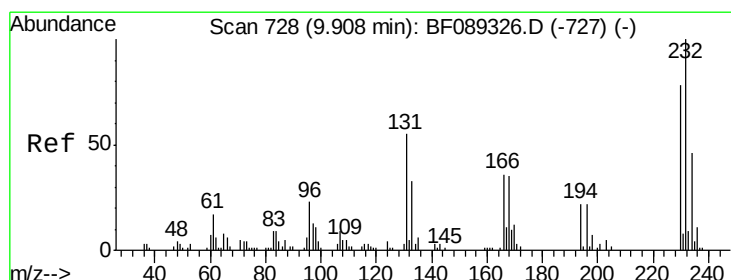
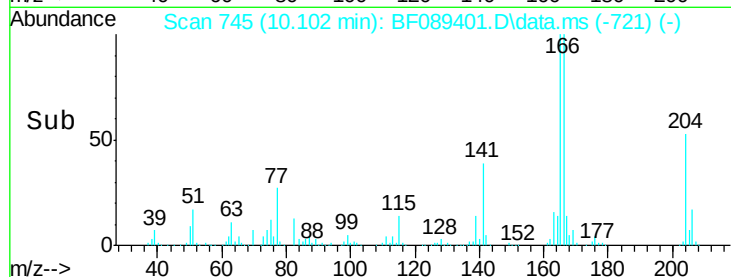
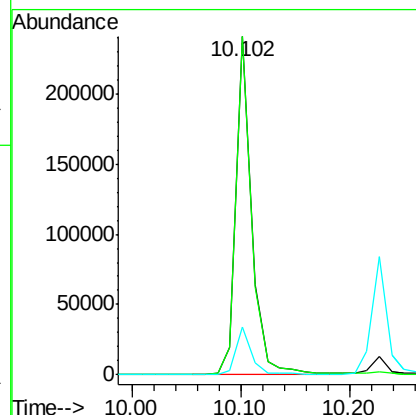
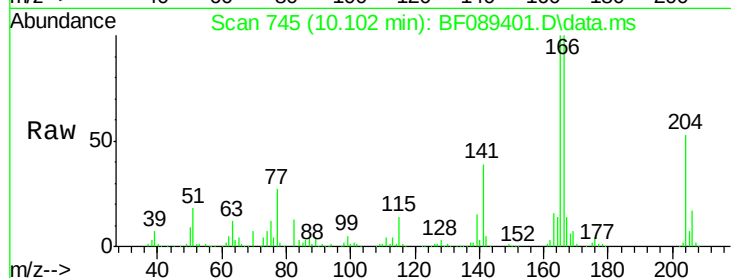
Tot Ion:166 Resp: 238881

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.4

167 14.0 10.2 15.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.78 ng

RT: 9.896 min Scan# 727

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Tgt Ion:232 Resp: 57685

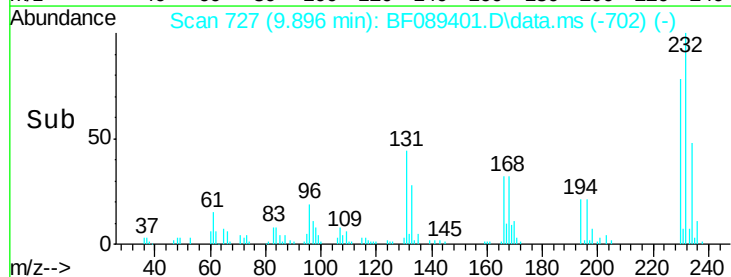
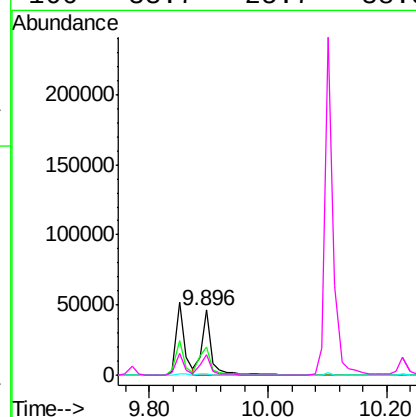
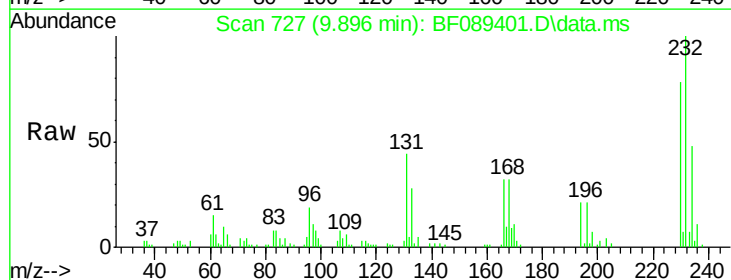
Ion Ratio Lower Upper

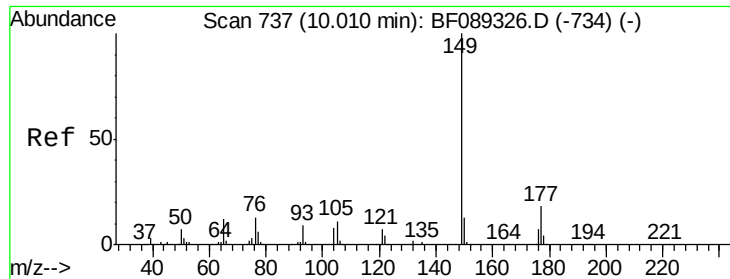
232 100

131 52.9 42.7 64.1

130 2.4 1.7 2.5

166 33.7 25.7 38.5

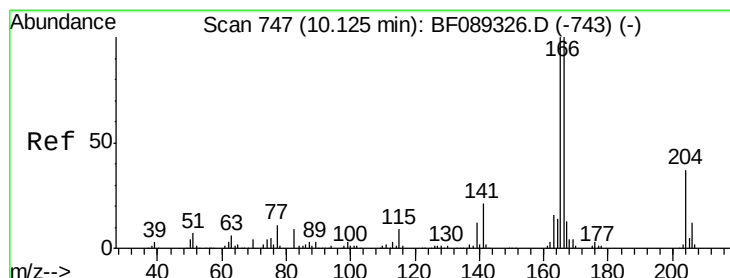
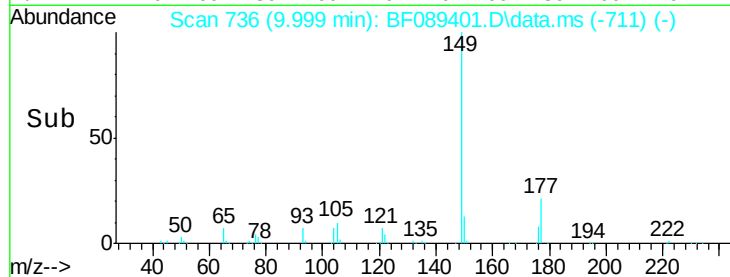
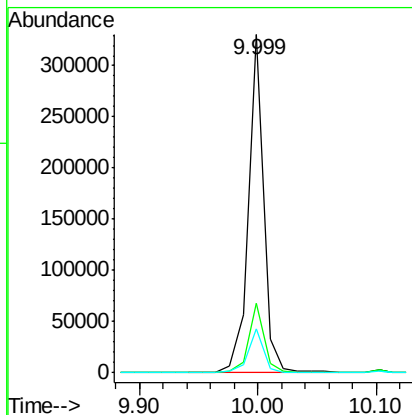
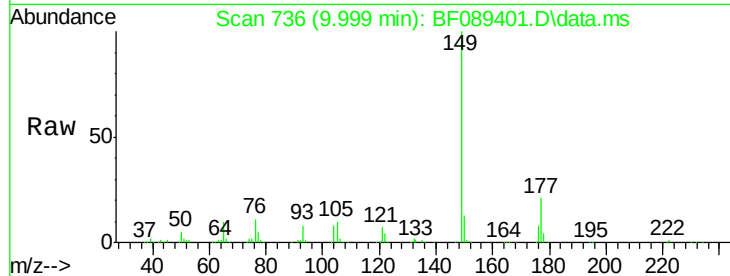




#59
Diethylphthalate
Concen: 50.68 ng
RT: 9.999 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

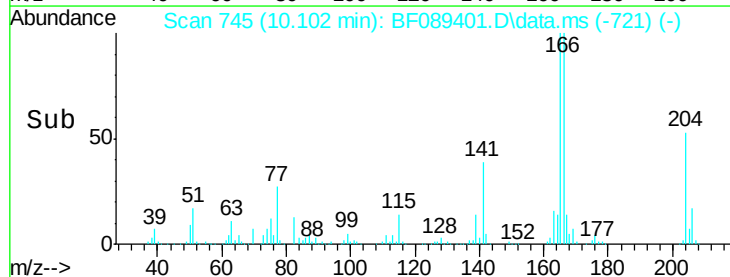
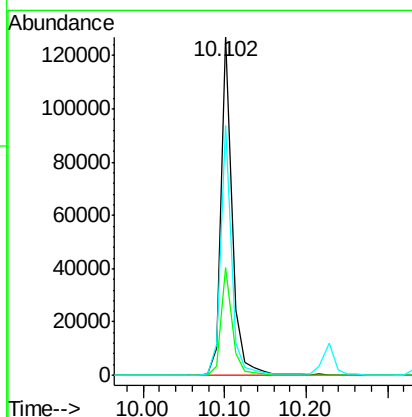
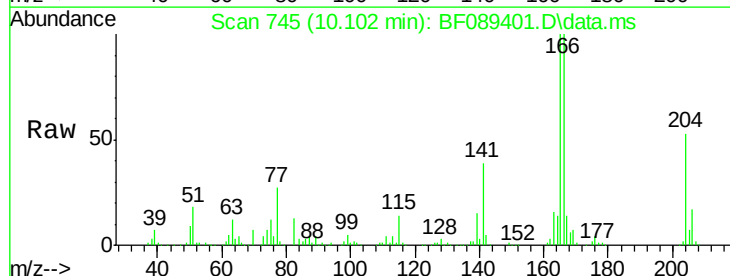
Instrument :
BNA_F
ClientSampleId :
I-2MS

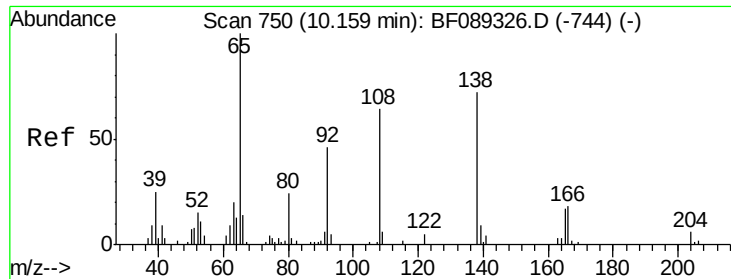
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.1	22.7
150	12.8	10.2	15.4



#60
4-Chlorophenyl-phenylether
Concen: 48.57 ng
RT: 10.102 min Scan# 745
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.6	39.8
141	74.0	46.6	70.0#

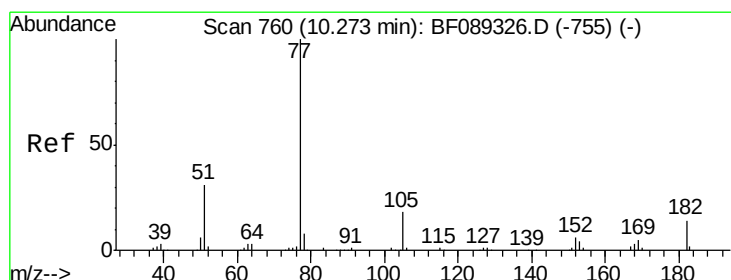
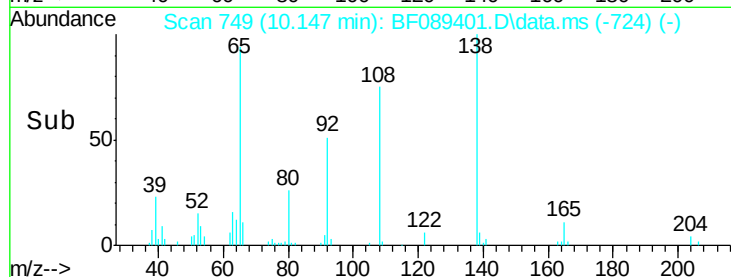
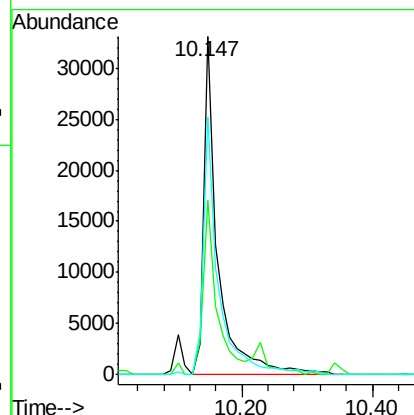
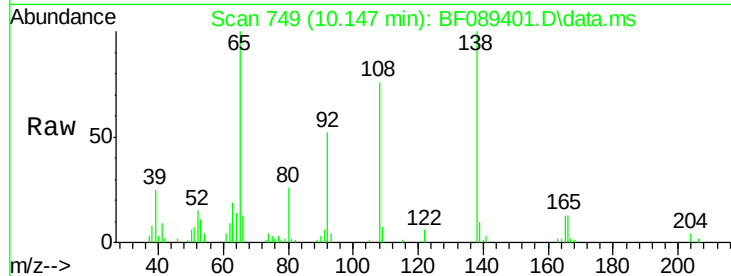




#61
4-Nitroaniline
Concen: 37.92 ng
RT: 10.147 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

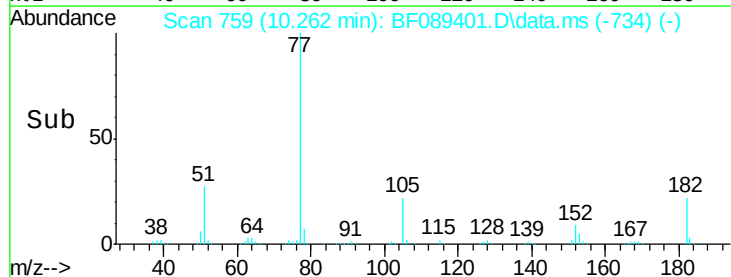
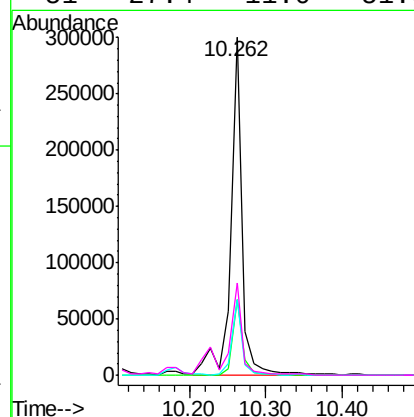
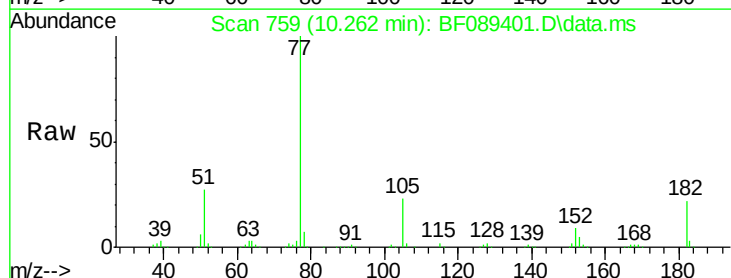
Instrument :
BNA_F
ClientSampleId :
I-2MS

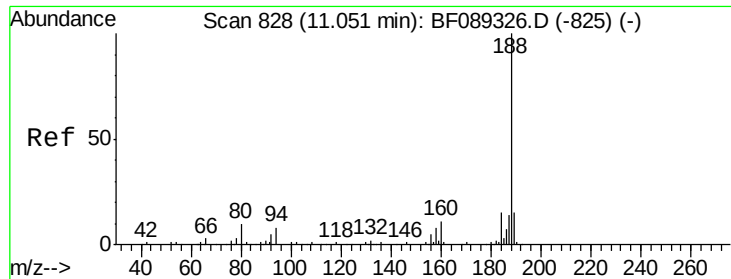
Tot Ion:138 Resp: 49171
Ion Ratio Lower Upper
138 100
92 51.7 41.2 81.2
108 76.3 69.6 109.6



#62
Azobenzene
Concen: 52.00 ng
RT: 10.262 min Scan# 759
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 77 Resp: 314936
Ion Ratio Lower Upper
77 100
182 22.3 0.0 33.8
105 22.5 0.0 39.8
51 27.4 11.0 51.0

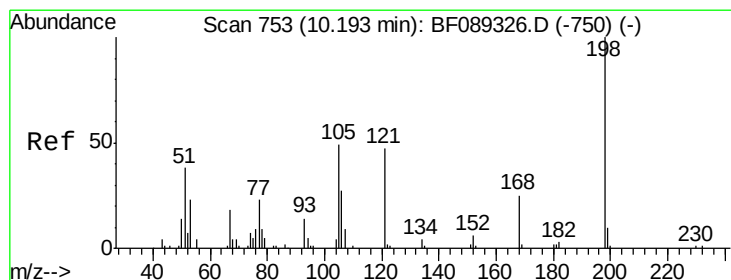
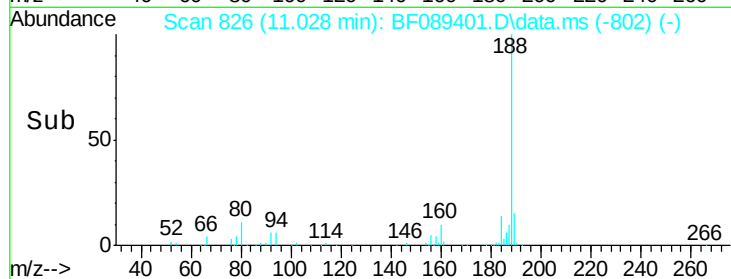
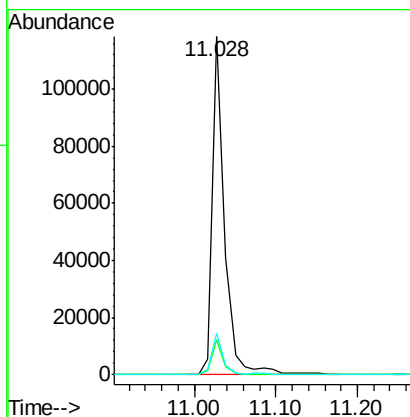
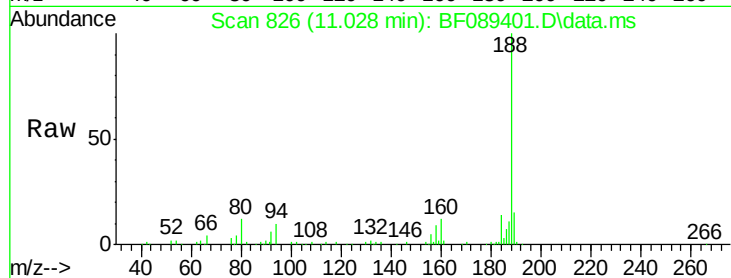




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.028 min Scan# 82
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

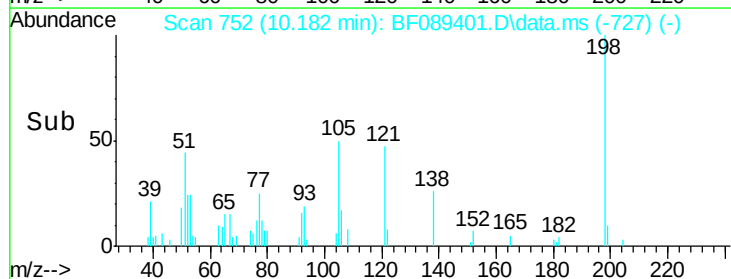
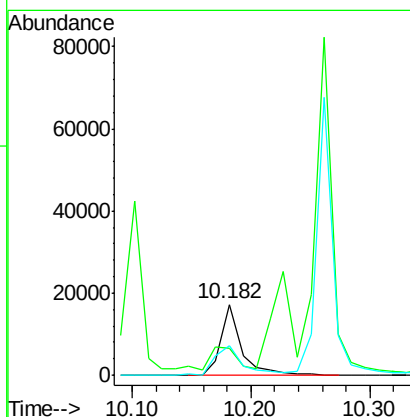
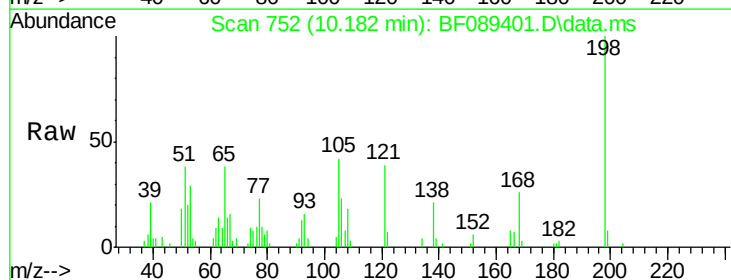
Instrument :
BNA_F
ClientSampleId :
I-2MS

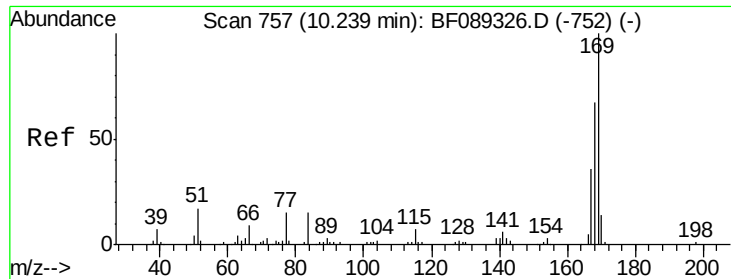
Tot Ion:188 Resp: 124702
Ion Ratio Lower Upper
188 100
94 10.3 6.5 9.7#
80 12.0 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.21 ng
RT: 10.182 min Scan# 752
Delta R.T. -0.011 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:198 Resp: 20581
Ion Ratio Lower Upper
198 100
51 38.3 23.0 63.0
105 41.6 28.3 68.3

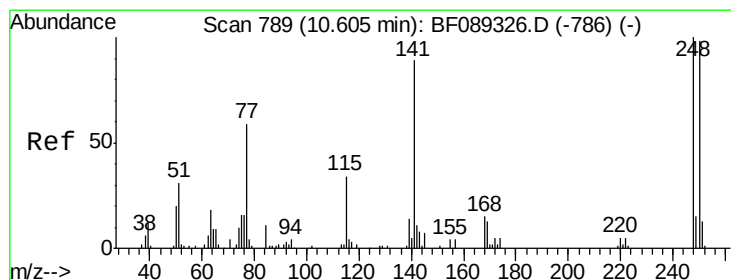
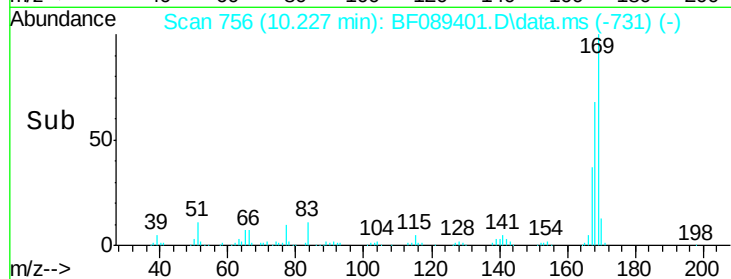
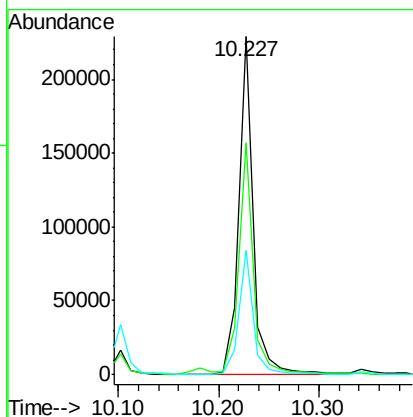
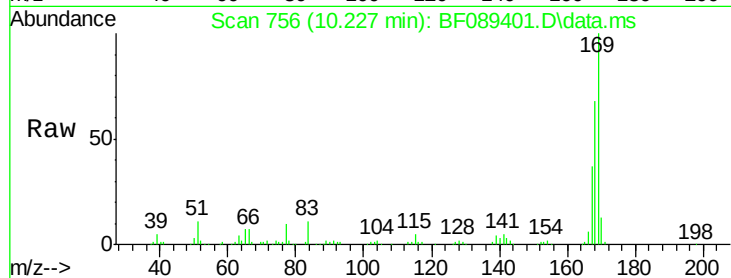




#65
 n-Nitrosodiphenylamine
 Concen: 58.63 ng
 RT: 10.227 min Scan# 75
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

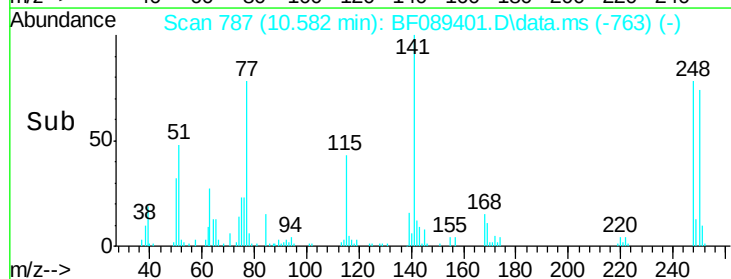
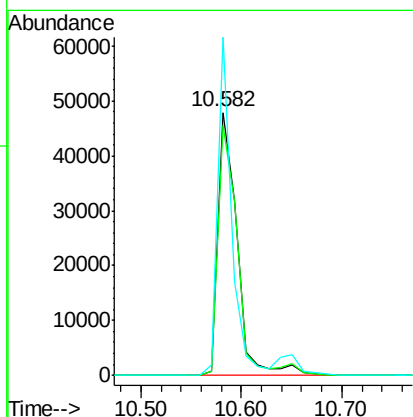
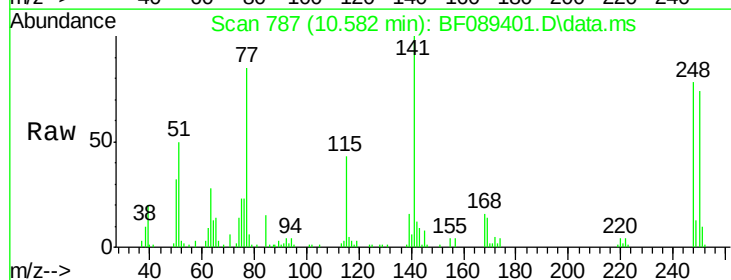
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

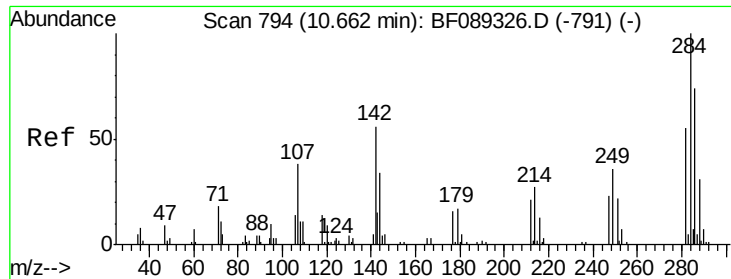
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	55.4	83.0
167	36.7	29.7	44.5



#66
 4-Bromophenyl-phenylether
 Concen: 52.79 ng
 RT: 10.582 min Scan# 787
 Delta R.T. -0.023 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	78.2	117.2
141	128.6	62.0	93.0#

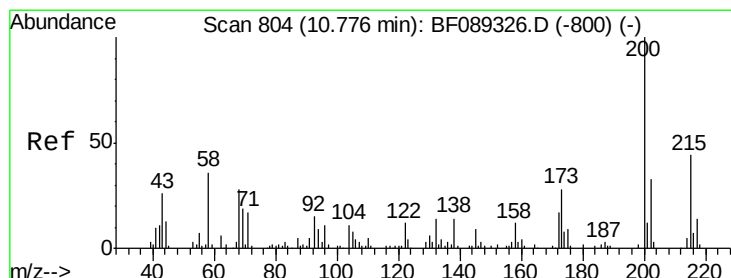
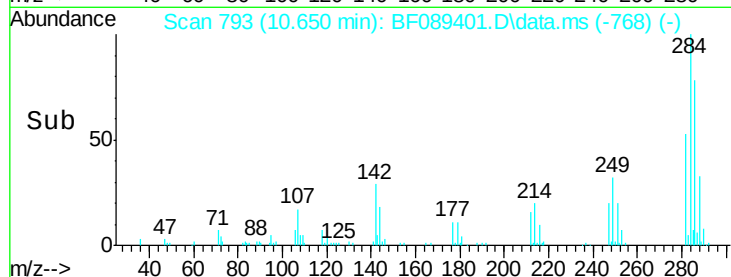
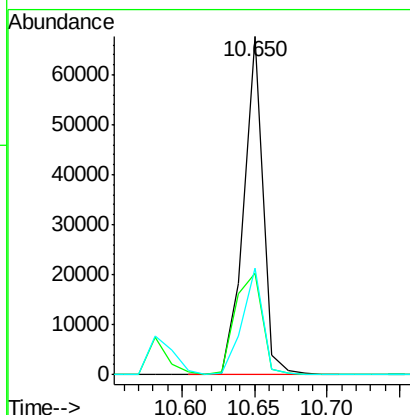
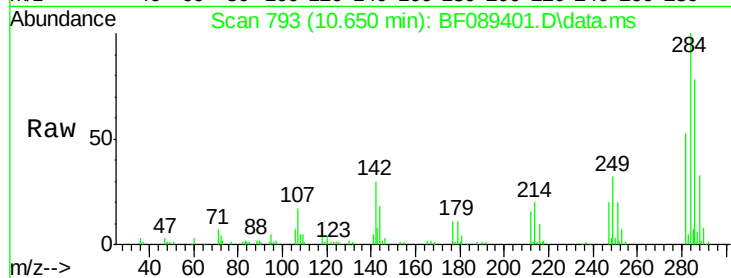




#67
Hexachlorobenzene
Concen: 51.15 ng
RT: 10.650 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

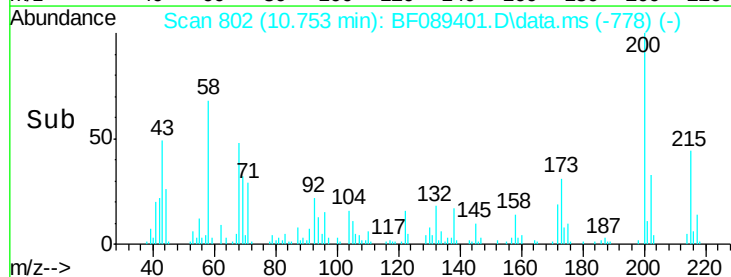
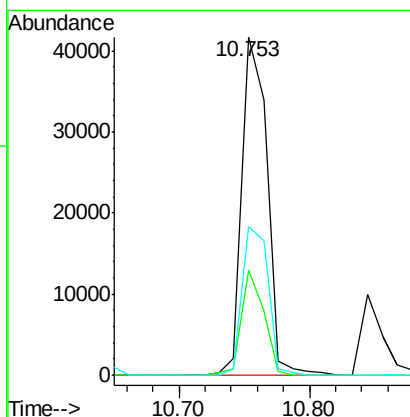
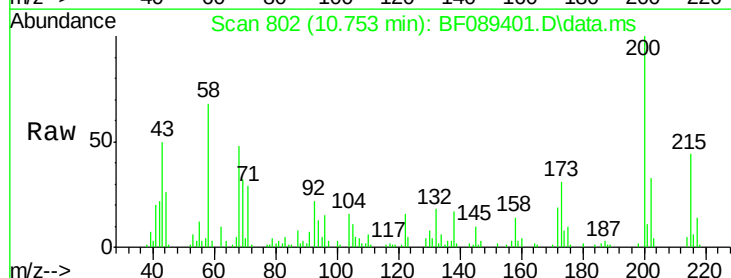
Instrument :
BNA_F
ClientSampleId :
I-2MS

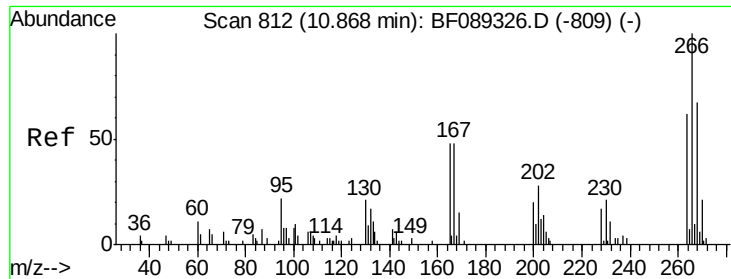
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.9	42.2	63.4#
249	31.6	29.4	44.0



#68
Atrazine
Concen: 46.66 ng
RT: 10.753 min Scan# 802
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.2	6.0	46.0
215	44.0	24.3	64.3

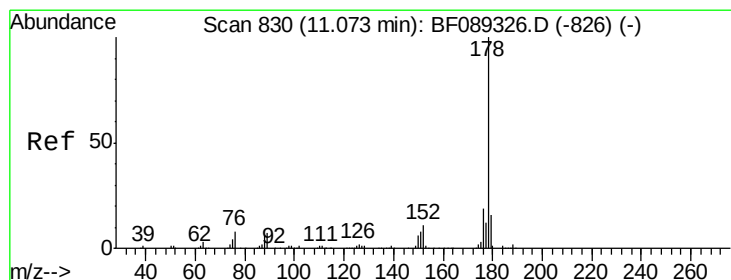
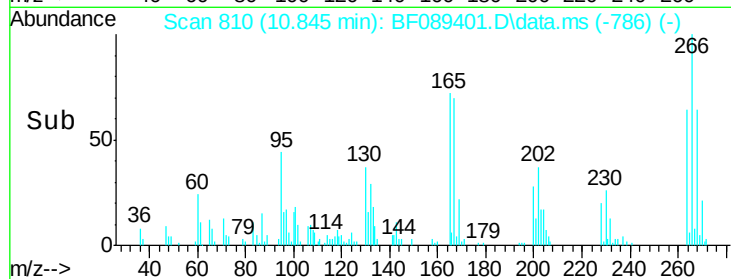
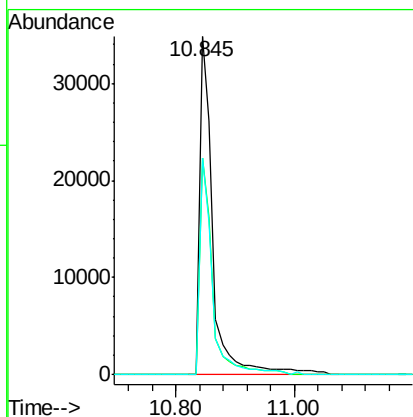
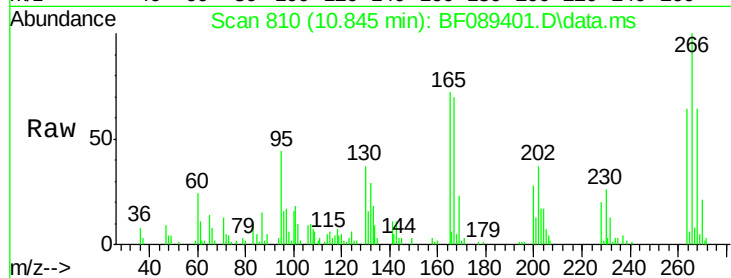




#69
 Pentachlorophenol
 Concen: 92.35 ng
 RT: 10.845 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

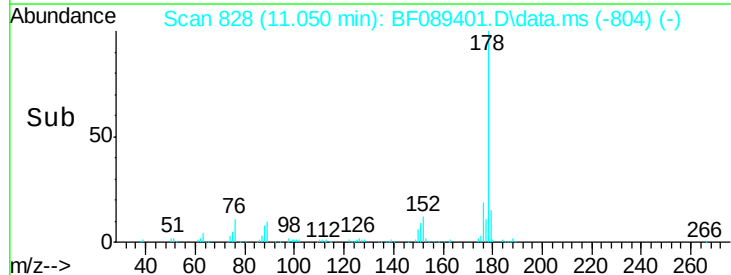
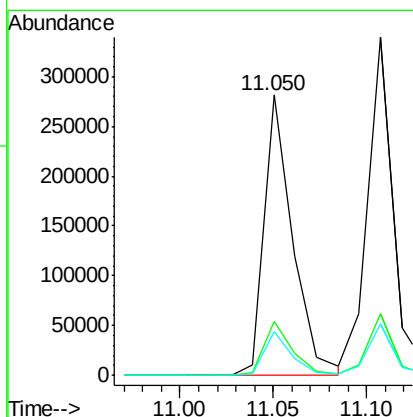
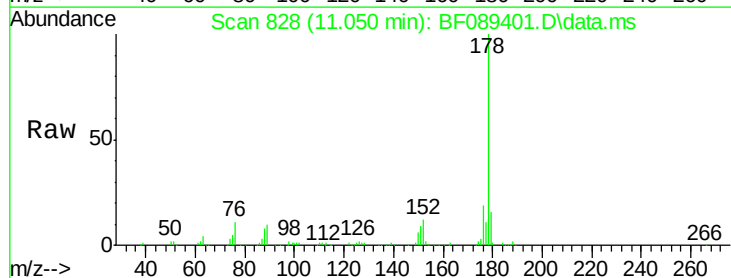
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

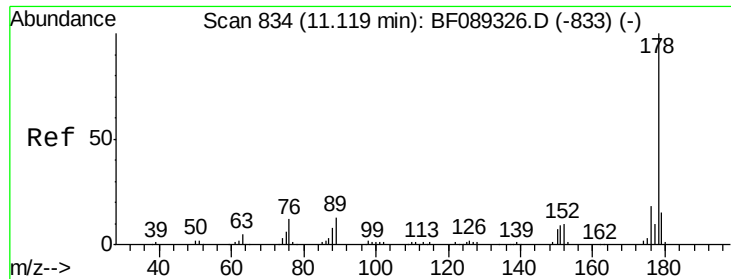
Tot Ion:266 Resp: 55192
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.4 74.2
 264 64.0 50.2 75.2



#70
 Phenanthrene
 Concen: 46.84 ng
 RT: 11.050 min Scan# 828
 Delta R.T. -0.023 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:178 Resp: 301275
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.7 12.3 18.5

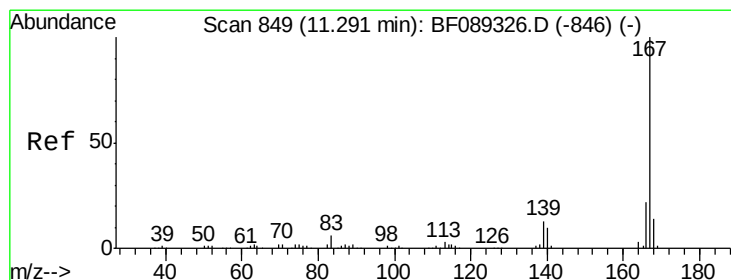
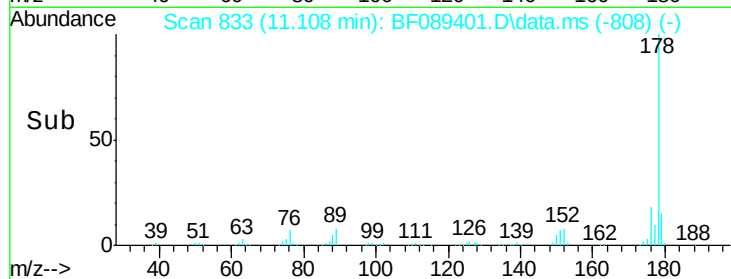
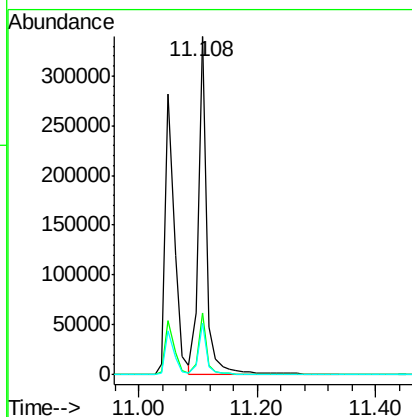
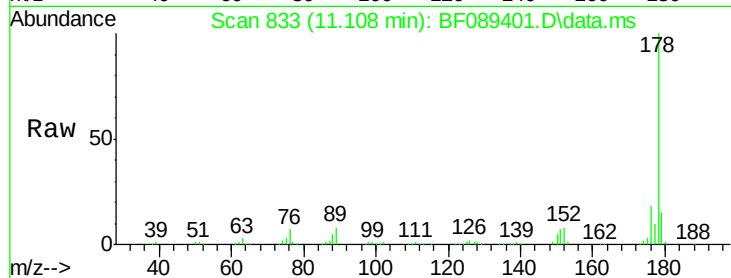




#71
 Anthracene
 Concen: 47.62 ng
 RT: 11.108 min Scan# 83
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

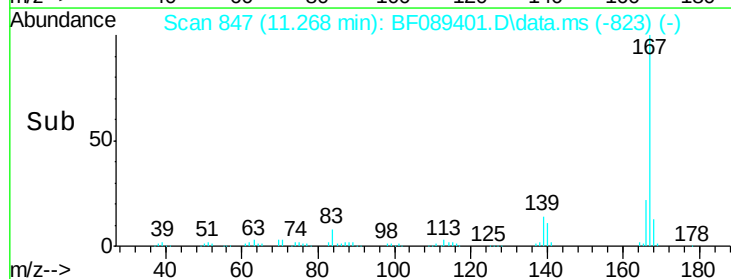
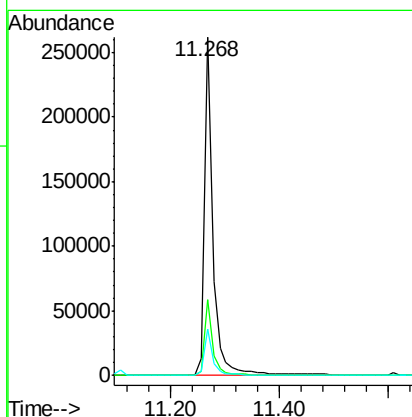
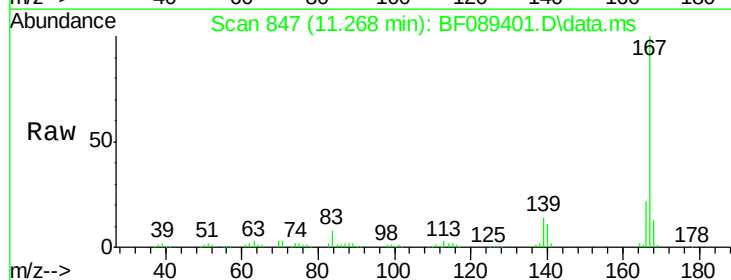
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

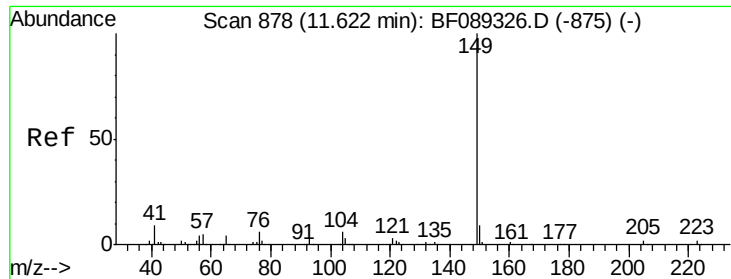
Tot Ion:178 Resp: 340531
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 46.61 ng
 RT: 11.268 min Scan# 847
 Delta R.T. -0.023 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:167 Resp: 280567
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 10.1 15.1





#73

Di-n-butylphthalate

Concen: 52.71 ng

RT: 11.610 min Scan# 87

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

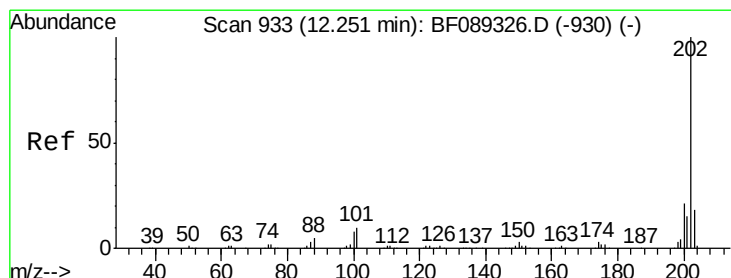
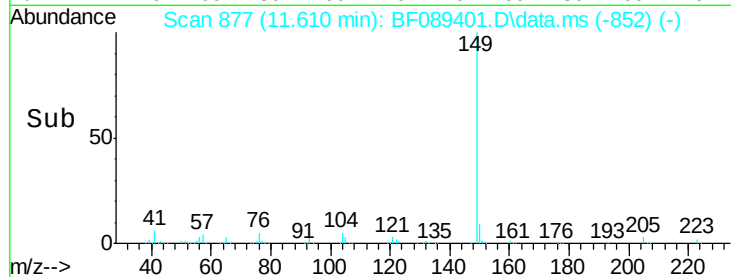
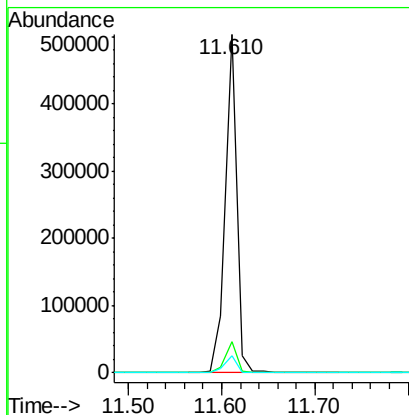
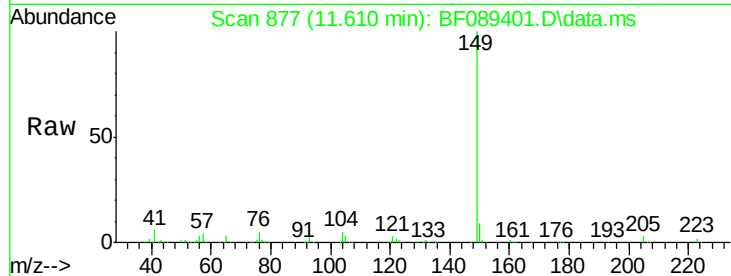
Tot Ion:149 Resp: 425706

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.1 4.7 7.1



#74

Fluoranthene

Concen: 39.92 ng

RT: 12.228 min Scan# 931

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

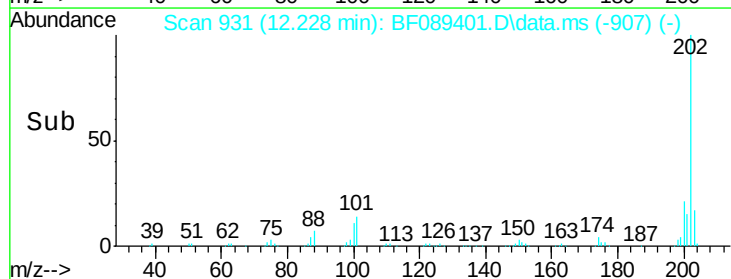
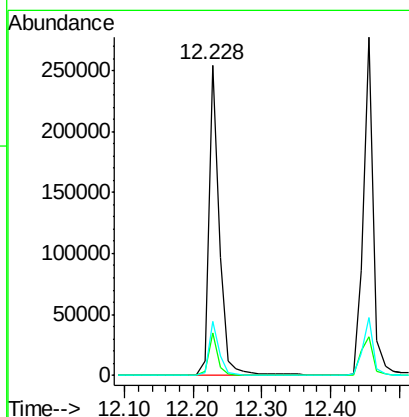
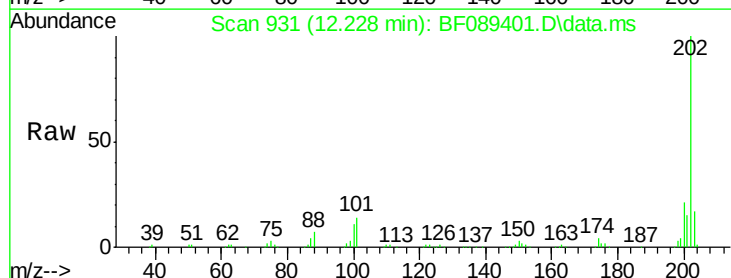
Tgt Ion:202 Resp: 270075

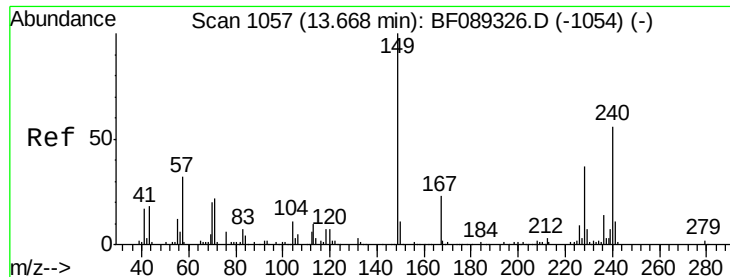
Ion Ratio Lower Upper

202 100

101 13.7 0.0 29.9

203 17.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.645 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

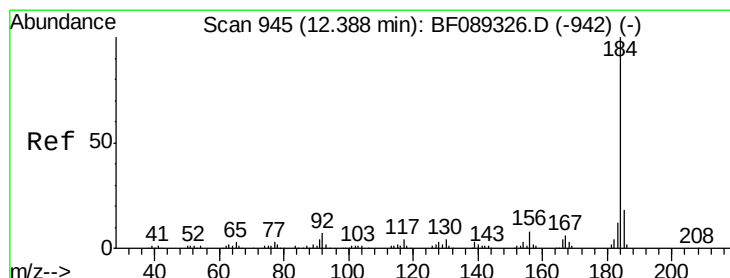
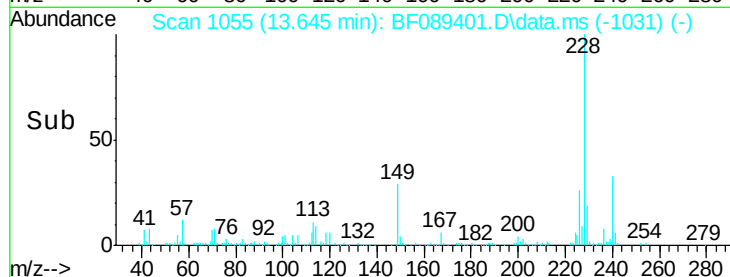
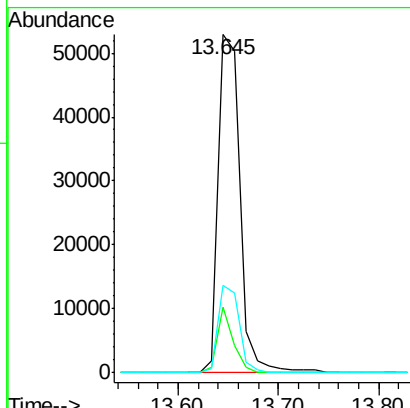
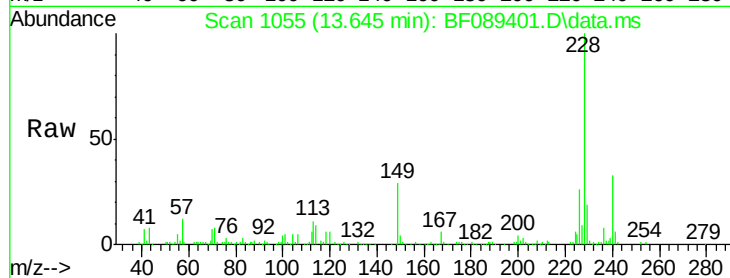
Tot Ion:240 Resp: 79884

Ion Ratio Lower Upper

240 100

120 19.3 9.1 13.7#

236 25.8 20.6 30.8



#76

Benzidine

Concen: 16.03 ng

RT: 12.365 min Scan# 943

Delta R.T. -0.022 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

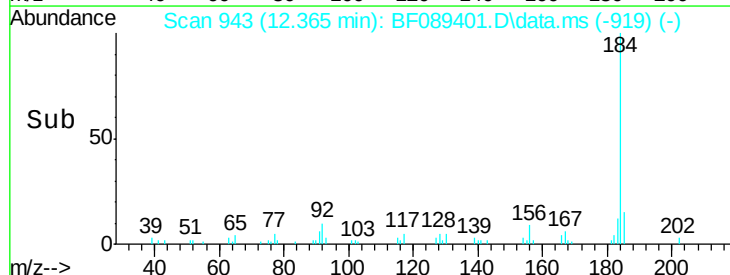
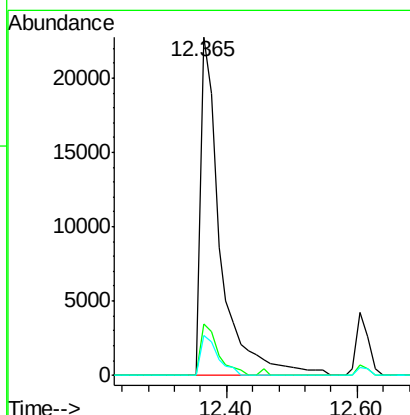
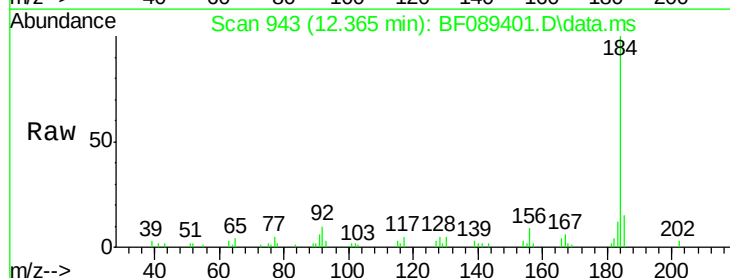
Tgt Ion:184 Resp: 47322

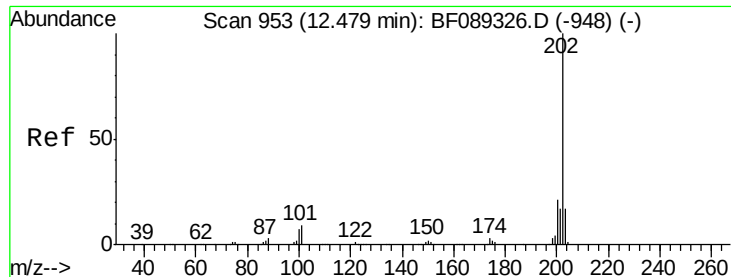
Ion Ratio Lower Upper

184 100

185 15.1 13.5 20.3

183 11.9 9.8 14.6





#77

Pvrene

Concen: 46.39 ng

RT: 12.456 min Scan# 951

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

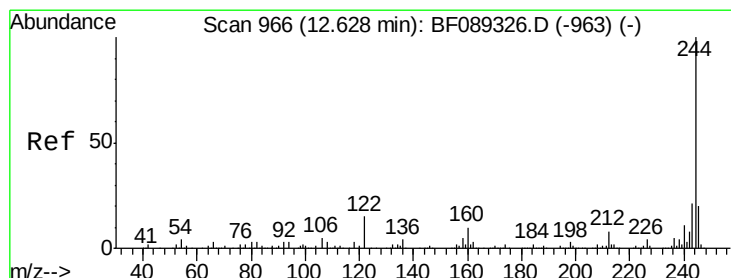
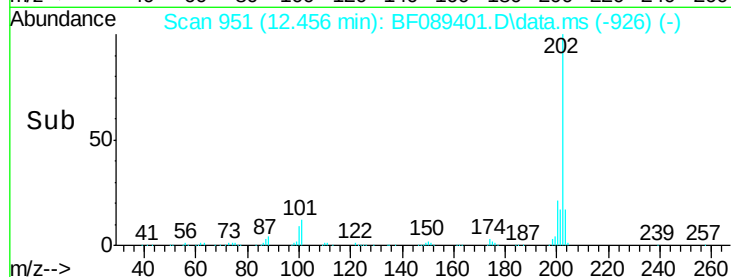
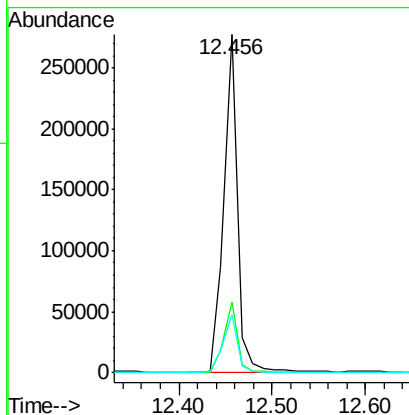
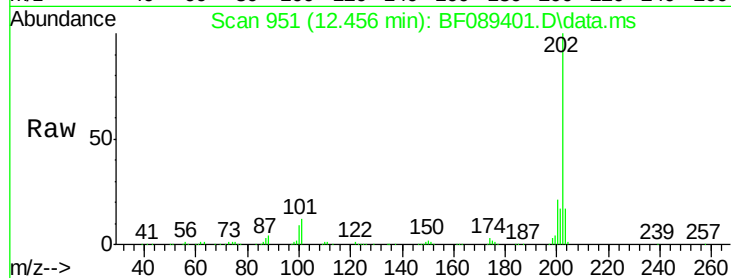
Tot Ion:202 Resp: 280846

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.1 14.0 21.0



#78

Terphenyl-d14

Concen: 91.17 ng

RT: 12.605 min Scan# 964

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

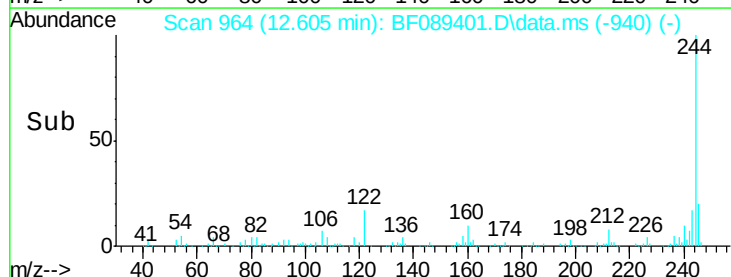
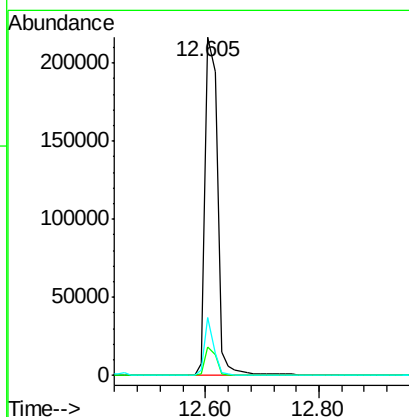
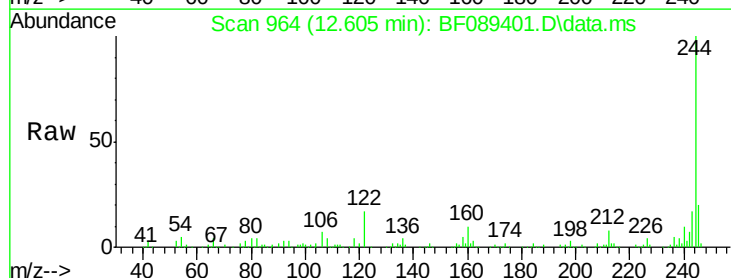
Tgt Ion:244 Resp: 311167

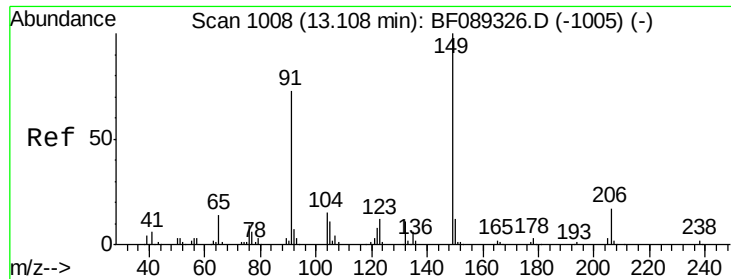
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 17.1 11.4 17.0#

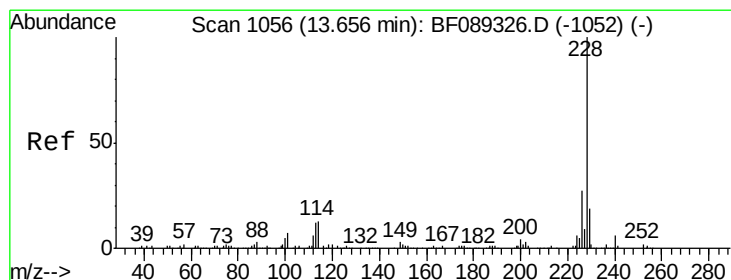
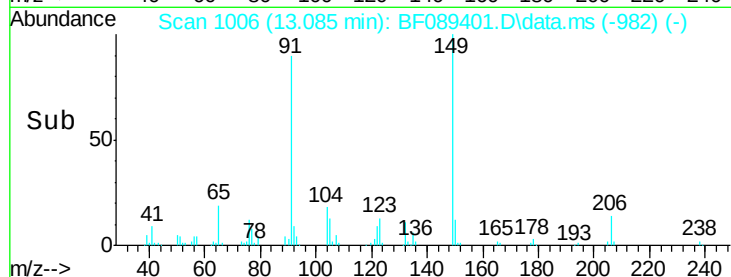
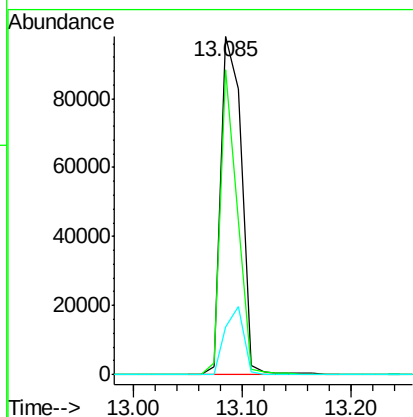
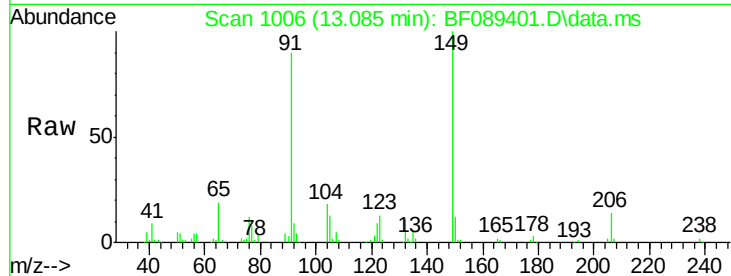




#79
Butylbenzylphthalate
Concen: 46.89 ng
RT: 13.085 min Scan# 1008
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

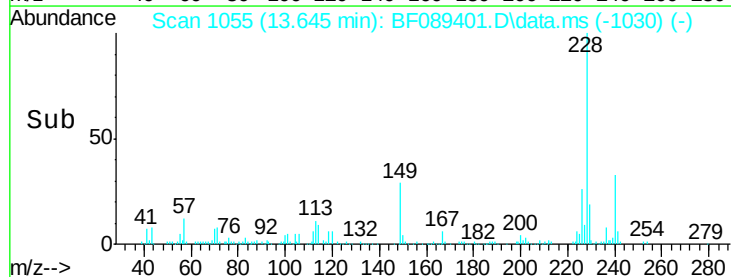
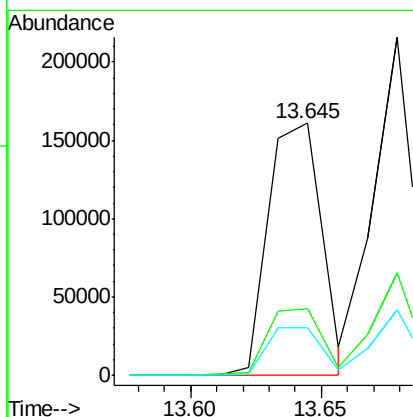
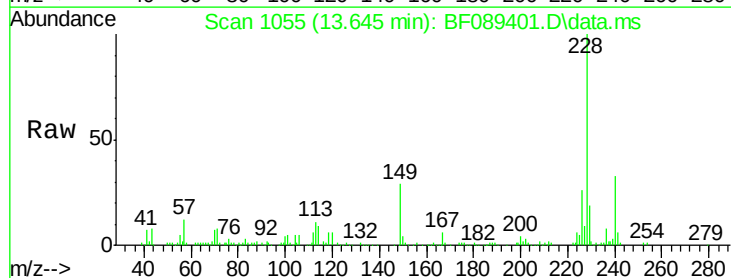
Instrument :
BNA_F
ClientSampleId :

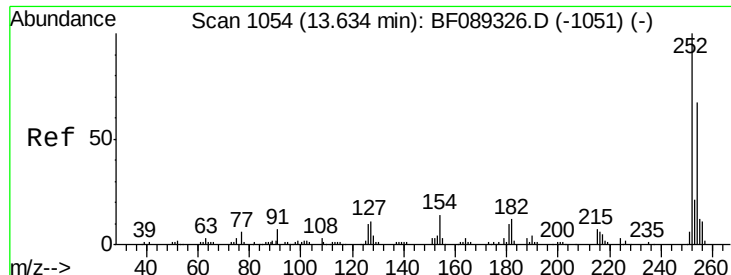
Tot Ion:149 Resp: 129073
Ion Ratio Lower Upper
149 100
91 90.2 58.5 87.7#
206 13.9 13.8 20.8



#80
Benzo(a)anthracene
Concen: 50.84 ng
RT: 13.645 min Scan# 1055
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:228 Resp: 229200
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 18.8 15.9 23.9

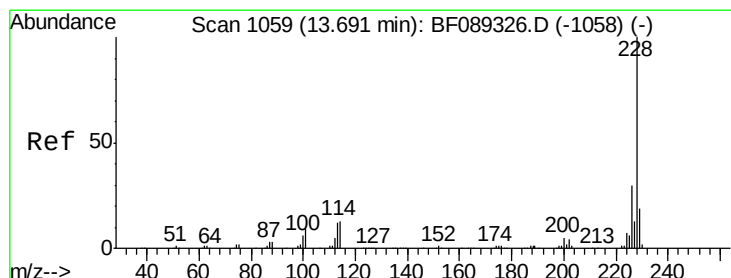
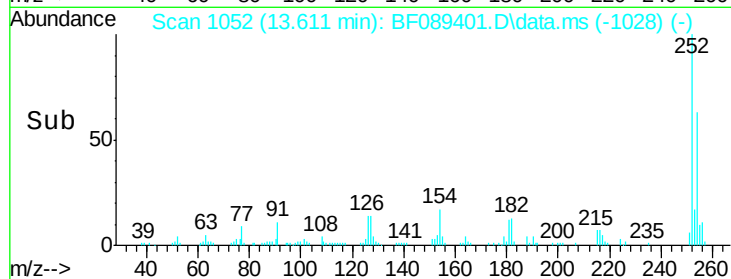
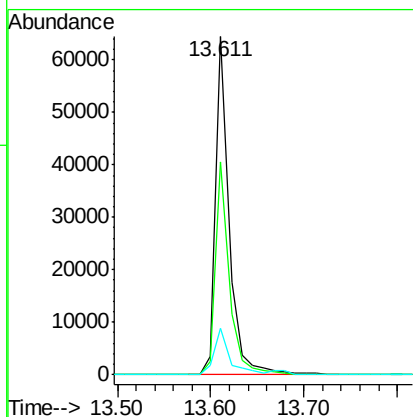
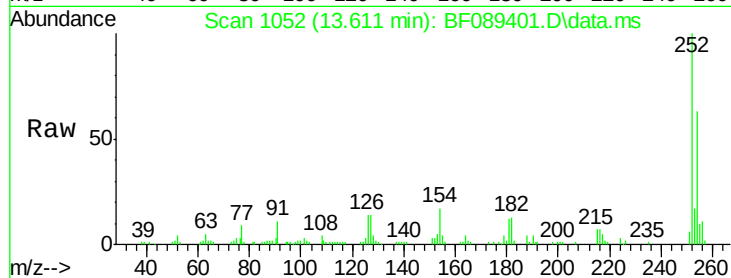




#81
 3,3'-Dichlorobenzidine
 Concen: 39.92 ng
 RT: 13.611 min Scan# 1052
 Delta R.T. -0.023 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

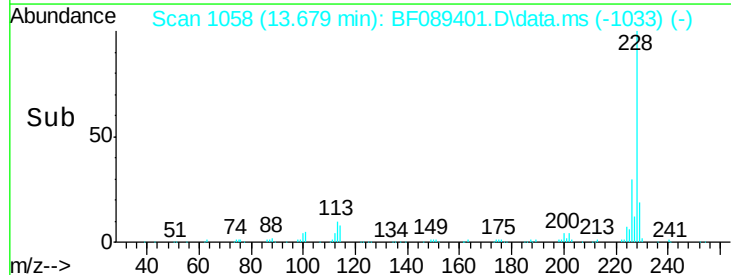
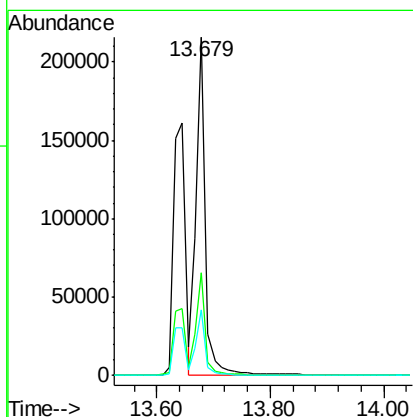
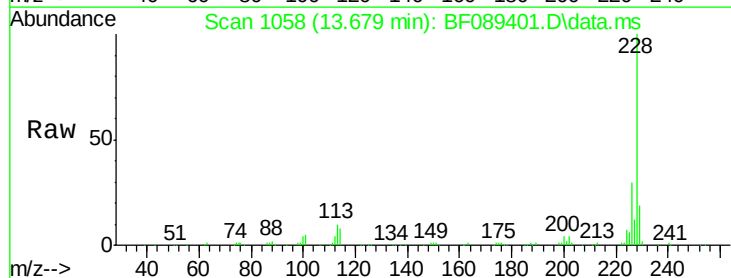
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

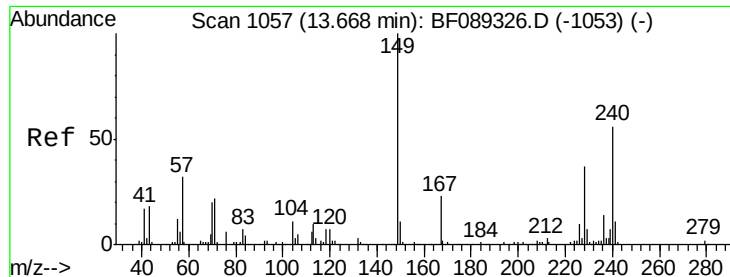
Tot Ion:252 Resp: 64765
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.5 78.7
 126 13.7 7.4 11.2#



#82
 Chrysene
 Concen: 51.60 ng
 RT: 13.679 min Scan# 1058
 Delta R.T. -0.012 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:228 Resp: 247624
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 19.4 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.50 ng

RT: 13.656 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

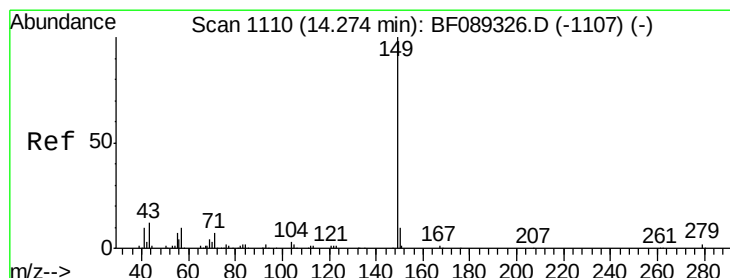
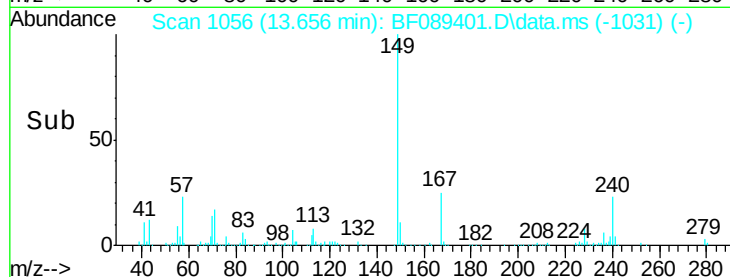
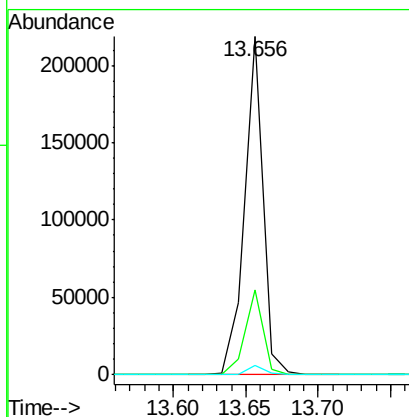
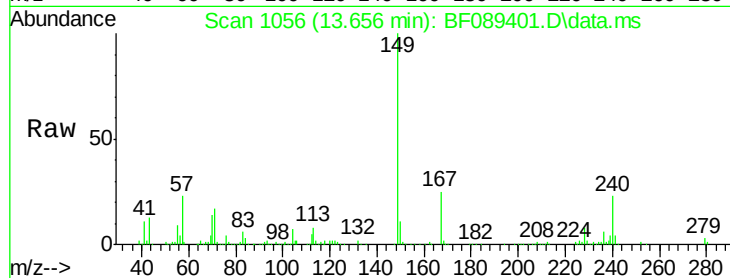
Tot Ion:149 Resp: 192983

Ion Ratio Lower Upper

149 100

167 25.1 18.8 28.2

279 2.7 1.4 2.0#



#84

Di-n-octyl phthalate

Concen: 52.59 ng

RT: 14.262 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

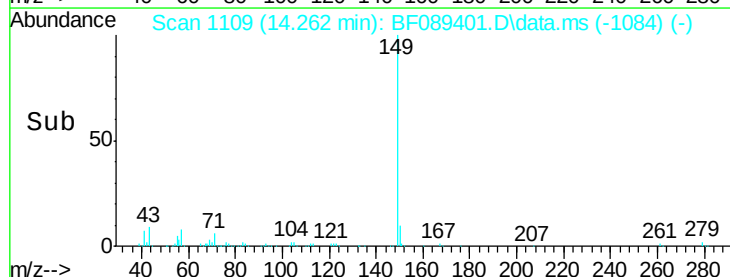
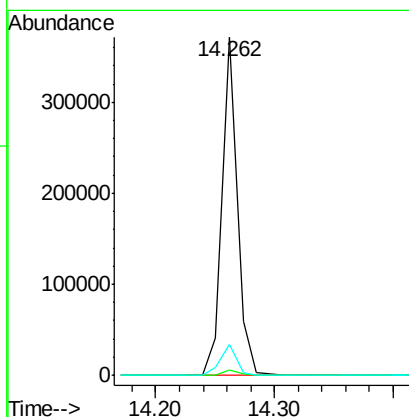
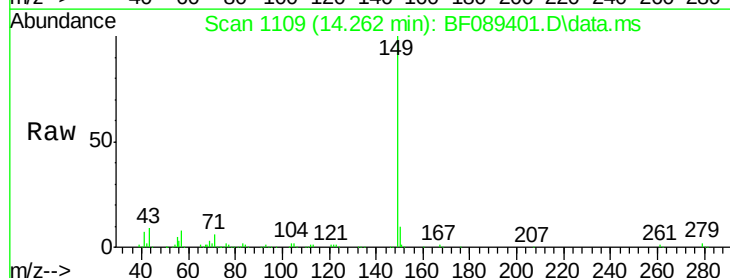
Tgt Ion:149 Resp: 326516

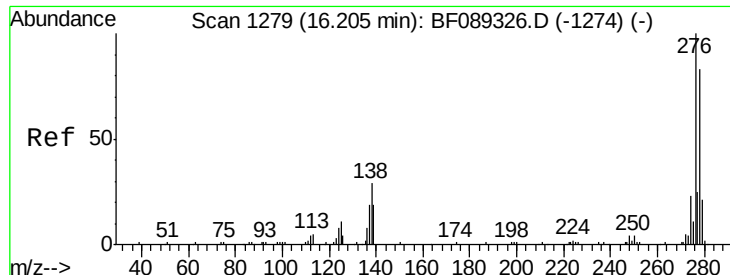
Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 9.6 7.3 10.9

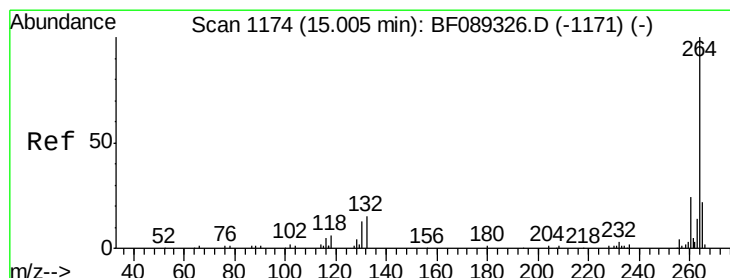
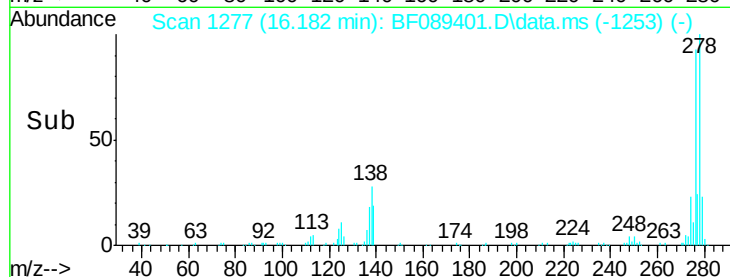
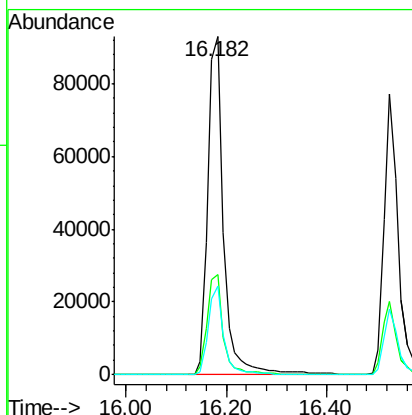
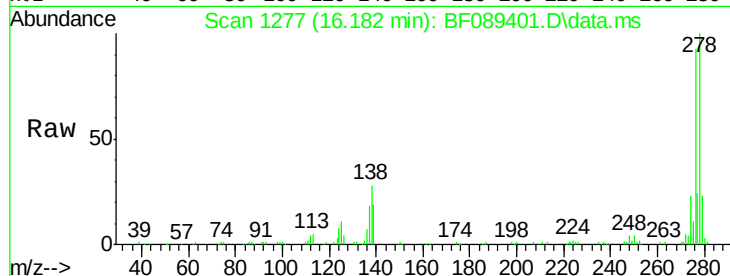




#85
Indeno(1,2,3-cd)pyrene
Concen: 59.69 ng
RT: 16.182 min Scan# 1279
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

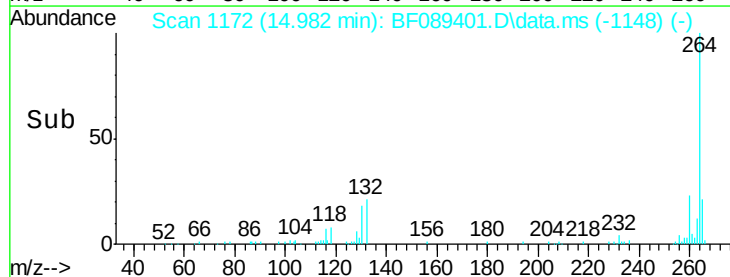
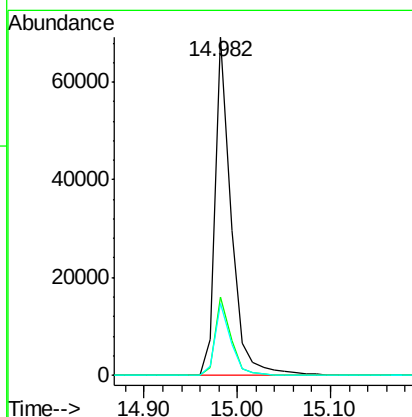
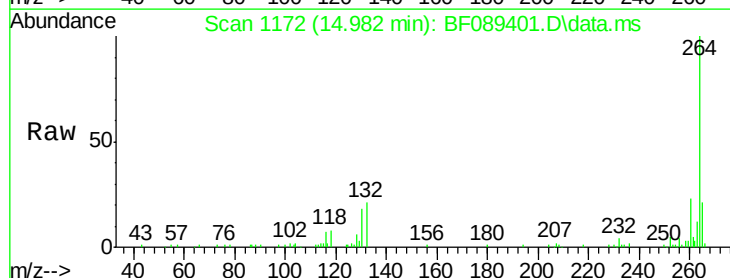
Instrument :
BNA_F
ClientSampleId :
I-2MS

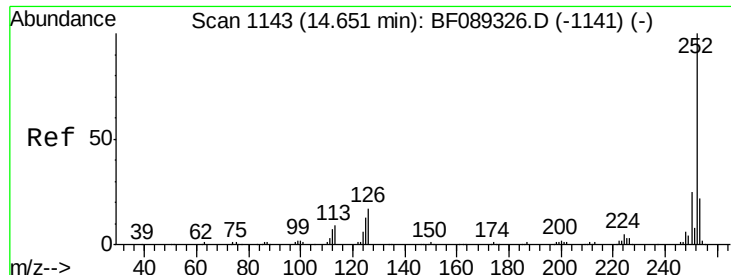
Tot Ion:276 Resp: 203643
Ion Ratio Lower Upper
276 100
138 29.9 23.0 34.4
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.982 min Scan# 1172
Delta R.T. -0.023 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:264 Resp: 82527
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.1 17.5 26.3

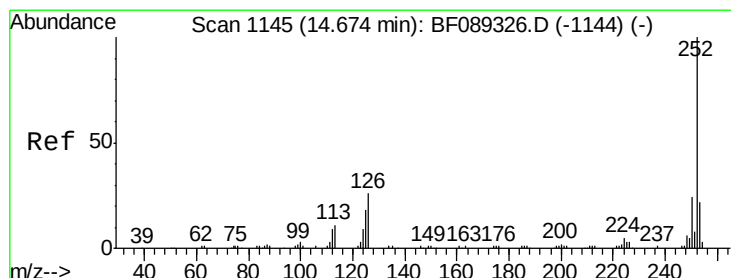
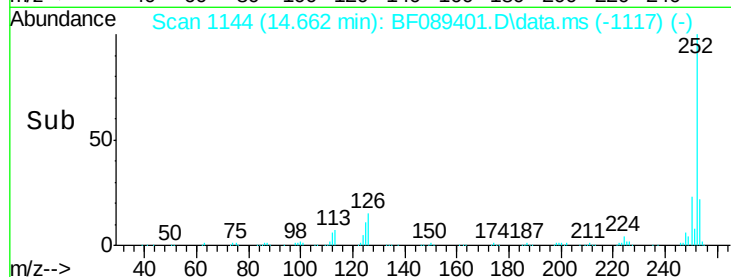
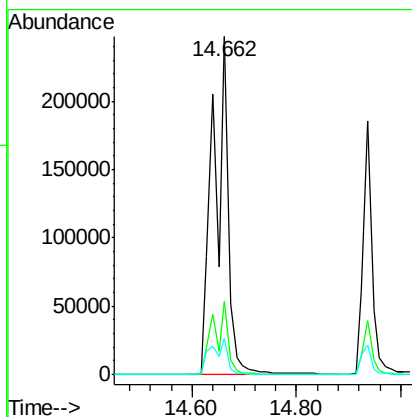
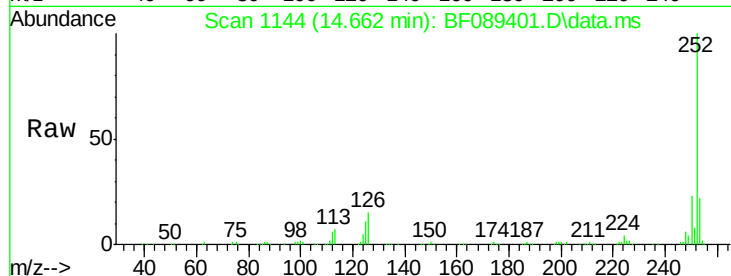




#87
Benzo(b)fluoranthene
Concen: 94.72 ng
RT: 14.662 min Scan# 1143
Delta R.T. 0.011 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

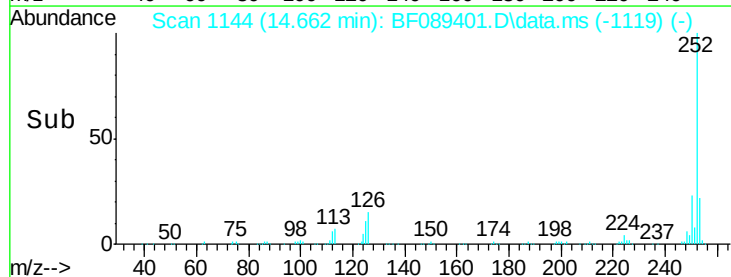
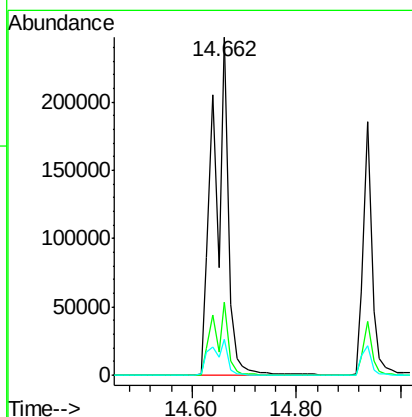
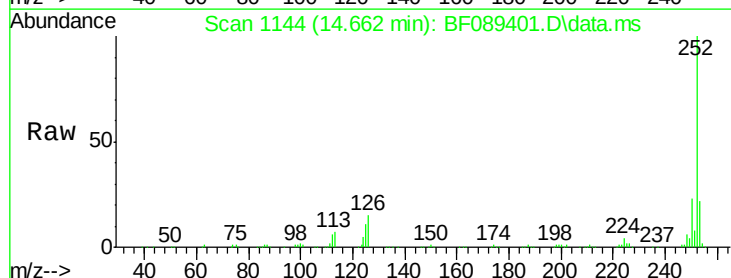
Instrument :
BNA_F
ClientSampleId :
I-2MS

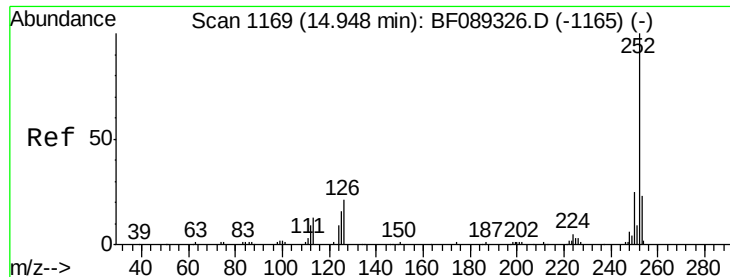
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.6	9.7	14.5



#88
Benzo(k)fluoranthene
Concen: 103.02 ng
RT: 14.662 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.6	10.7	16.1#





#89

Benzo(a)pyrene

Concen: 48.15 ng

RT: 14.937 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

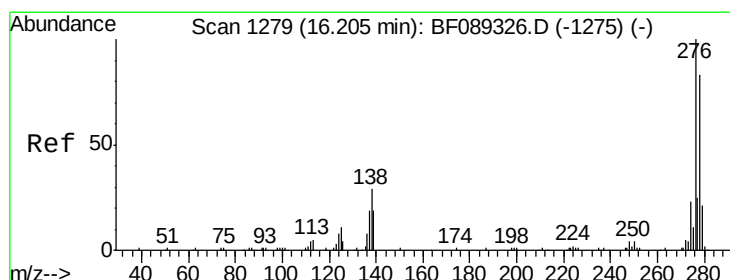
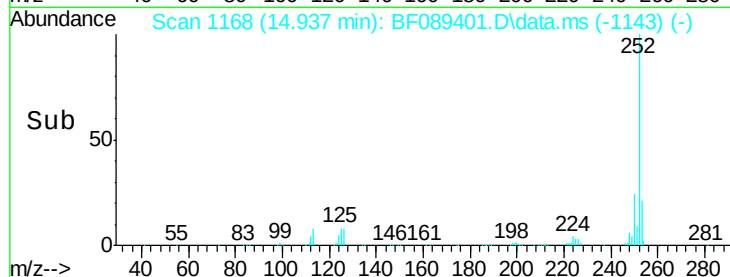
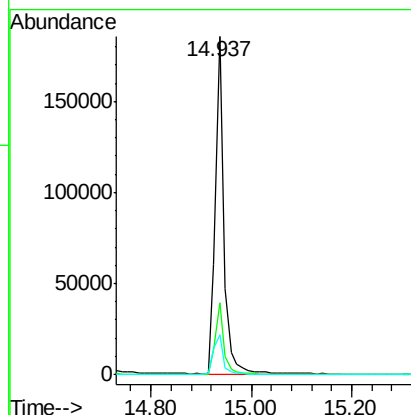
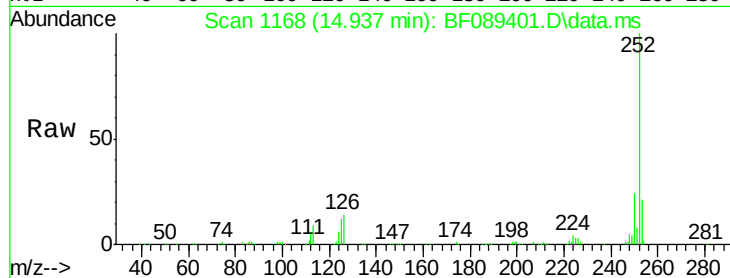
Tot Ion:252 Resp: 221370

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 11.8 12.4 18.6#



#90

Dibenzo(a,h)anthracene

Concen: 48.62 ng

RT: 16.182 min Scan# 1277

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

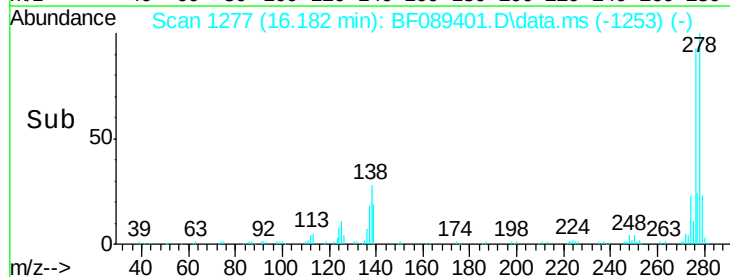
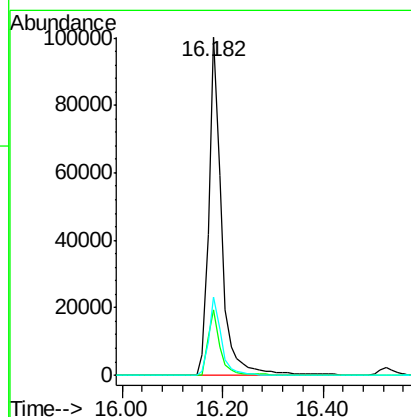
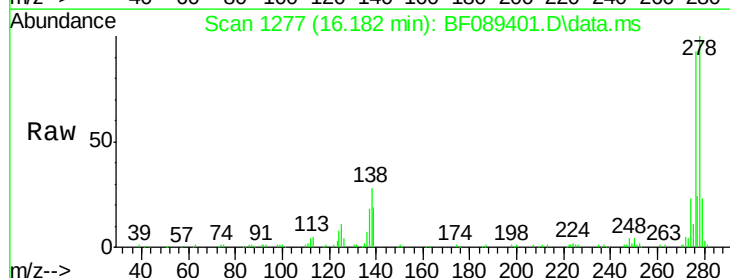
Tgt Ion:278 Resp: 176082

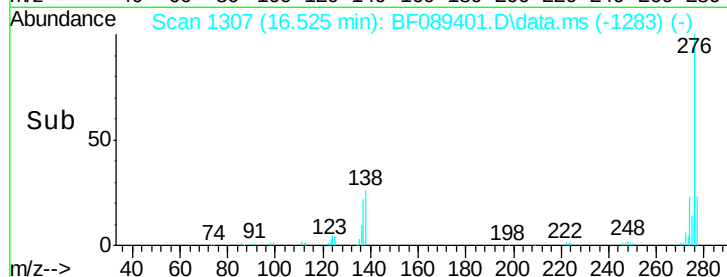
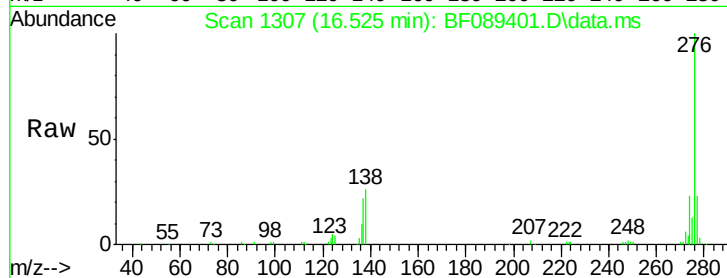
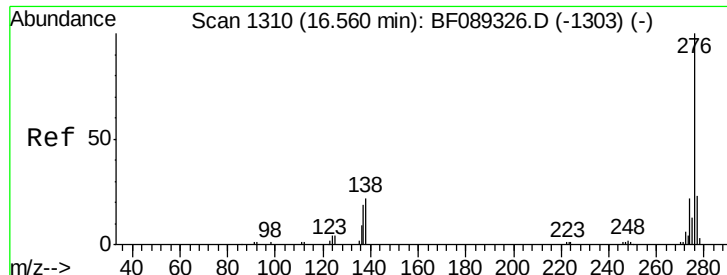
Ion Ratio Lower Upper

278 100

139 19.3 16.3 24.5

279 23.2 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 44.21 ng

RT: 16.525 min Scan# 13

Delta R.T. -0.023 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tot Ion:276 Resp: 157383

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 26.0 21.4 32.0

