

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089134.D
 Acq On : 20 Jul 2016 14:31
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:36:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 15:28:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49983	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	208043	20.00	ng	0.01
38) Acenaphthene-d10	9.63	164	98903	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	191681	20.00	ng	0.00
75) Chrysene-d12	13.74	240	120553	20.00	ng	0.01
86) Perylene-d12	15.07	264	112859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	398003	119.86	ng	0.01
7) Phenol-d6	6.27	99	485891	112.84	ng	0.00
23) Nitrobenzene-d5	7.19	82	490252	123.47	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	110426	122.28	ng	0.01
44) 2-Fluorobiphenyl	8.97	172	765039	116.45	ng	0.00
78) Terphenyl-d14	12.70	244	778975	145.06	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	85381	52.49	ng	98
3) Pyridine	2.67	79	223983	48.07	ng	99
4) n-Nitrosodimethylamine	2.65	42	96866	53.84	ng	95
6) Aniline	6.27	93	334734	54.31	ng	93
8) 2-Chlorophenol	6.40	128	221086	61.30	ng	96
9) Benzaldehyde	6.15	77	115401	40.58	ng	94
10) Phenol	6.28	94	281322	57.28	ng	# 74
11) bis(2-Chloroethyl)ether	6.35	93	205739	55.58	ng	92
12) 1,3-Dichlorobenzene	6.78	146	218355	55.10	ng	97
13) 1,4-Dichlorobenzene	6.55	146	239217	60.84	ng	93
14) 1,2-Dichlorobenzene	6.78	146	224720	59.98	ng	96
15) Benzyl Alcohol	6.76	79	177203	56.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	244658	47.55	ng	# 68
17) 2-Methylphenol	6.89	107	169636	58.26	ng	97
18) Hexachloroethane	7.12	117	89190	59.12	ng	# 70
19) n-Nitroso-di-n-propylamine	7.04	70	160709	54.62	ng	# 90
20) 3+4-Methylphenols	7.05	107	222799	61.84	ng	94
22) Acetophenone	7.03	105	320535	62.29	ng	# 96
24) Nitrobenzene	7.20	77	225282	55.42	ng	# 88
25) Isophorone	7.45	82	431393	58.62	ng	98
26) 2-Nitrophenol	7.52	139	121661	72.13	ng	# 75
27) 2,4-Dimethylphenol	7.58	122	199058	59.28	ng	93
28) bis(2-Chloroethoxy)methane	7.66	93	252255	52.11	ng	99
29) 2,4-Dichlorophenol	7.77	162	173429	61.85	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	200877	65.63	ng	98
31) Naphthalene	7.92	128	653027	63.50	ng	99
32) Benzoic acid	7.75	122	154904	61.90	ng	96
33) 4-Chloroaniline	7.98	127	291123	63.47	ng	# 95
34) Hexachlorobutadiene	8.03	225	103958	62.98	ng	99
35) Caprolactam	8.38	113	58542	63.02	ng	95
36) 4-Chloro-3-methylphenol	8.48	107	224556	68.14	ng	94
37) 2-Methylnaphthalene	8.60	142	440239	64.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	226689	68.90	ng	99
40) Hexachlorocyclopentadiene	8.75	237	69946	45.62	ng	98

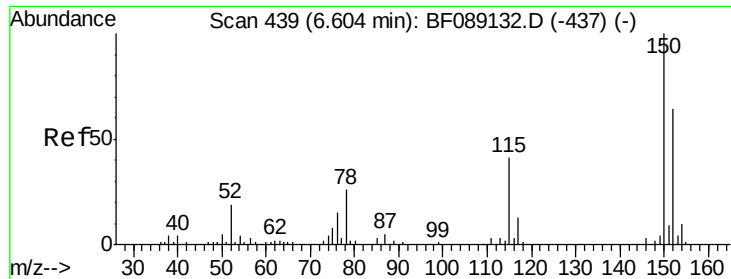
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089134.D
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 Operator : UM/SJ
 Sample : SSTDICC060
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Instrument :
 BNA_F
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Quant Time: Jul 20 15:36:33 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 15:28:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	124615	57.00	nq	99
43) 2,4,5-Trichlorophenol	8.94	196	127217	67.24	nq	# 93
45) 1,1'-Biphenyl	9.07	154	564497	69.25	nq	95
46) 2-Chloronaphthalene	9.10	162	396515	61.94	nq	# 90
47) 2-Nitroaniline	9.20	65	152764	68.44	nq	# 85
48) Acenaphthylene	9.50	152	614942	60.28	nq	100
49) Dimethylphthalate	9.38	163	425780	58.81	nq	98
50) 2,6-Dinitrotoluene	9.44	165	91419	56.66	nq	# 66
51) Acenaphthene	9.67	154	359046	57.19	nq	99
52) 3-Nitroaniline	9.61	138	112703	57.12	nq	# 78
53) 2,4-Dinitrophenol	9.72	184	47902	68.10	nq	# 76
54) Dibenzofuran	9.84	168	477573	58.04	nq	98
55) 4-Nitrophenol	9.84	139	278316	190.48	nq	# 8
56) 2,4-Dinitrotoluene	9.85	165	132902	63.95	nq	# 57
57) Fluorene	10.18	166	377560	57.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	84498	58.19	nq	95
59) Diethylphthalate	10.08	149	474593	66.95	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	202665	67.47	nq	# 89
61) 4-Nitroaniline	10.23	138	116236	60.07	nq	99
62) Azobenzene	10.34	77	510976	63.51	nq	88
64) 4,6-Dinitro-2-methylphenol	10.25	198	69998	67.74	nq	# 45
65) n-Nitrosodiphenylamine	10.31	169	418558	65.64	nq	98
66) 4-Bromophenyl-phenylether	10.66	248	104494	54.14	nq	# 90
67) Hexachlorobenzene	10.73	284	128126	60.86	nq	# 83
68) Atrazine	10.83	200	115230	57.49	nq	99
69) Pentachlorophenol	10.92	266	60507	49.84	nq	100
70) Phenanthrene	11.13	178	619209	59.29	nq	99
71) Anthracene	11.19	178	632094	60.23	nq	99
72) Carbazole	11.35	167	547147	54.84	nq	99
73) Di-n-butylphthalate	11.69	149	711165	62.38	nq	# 97
74) Fluoranthene	12.31	202	638701	61.07	nq	98
76) Benzidine	12.44	184	249874	43.17	nq	97
77) Pyrene	12.54	202	615481	60.78	nq	100
79) Butylbenzylphthalate	13.17	149	265379	58.78	nq	92
80) Benzo(a)anthracene	13.73	228	521956	67.66	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	159296	54.56	nq	# 98
82) Chrysene	13.76	228	489234	63.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	370251	71.42	nq	99
84) Di-n-octyl phthalate	14.34	149	627503	71.28	nq	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	356102	60.77	nq	100
87) Benzo(b)fluoranthene	14.74	252	833897	112.13	nq	97
88) Benzo(k)fluoranthene	14.74	252	833897	140.59	nq	# 96
89) Benzo(a)pyrene	15.03	252	388844	64.75	nq	# 94
90) Dibenzo(a,h)anthracene	16.32	278	303756	60.73	nq	# 94
91) Benzo(g,h,i)perylene	16.67	276	306708	59.53	nq	96

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

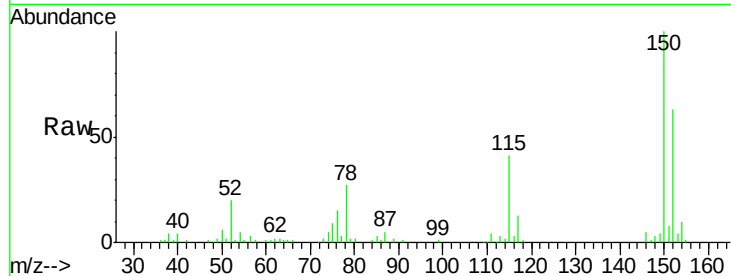


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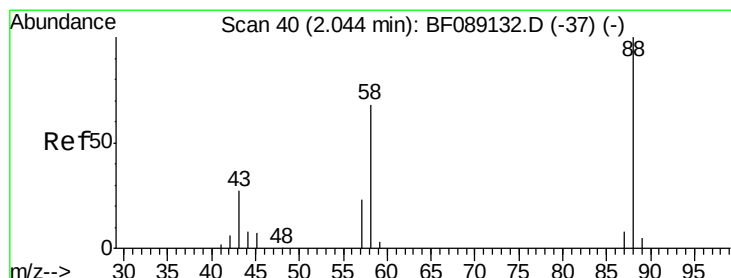
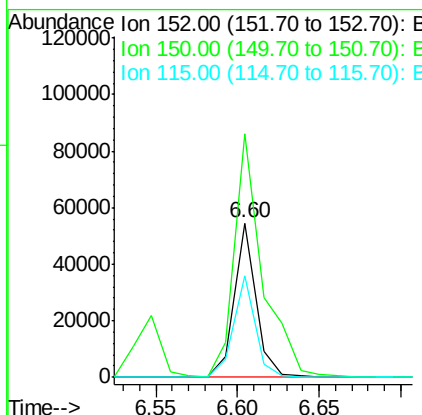
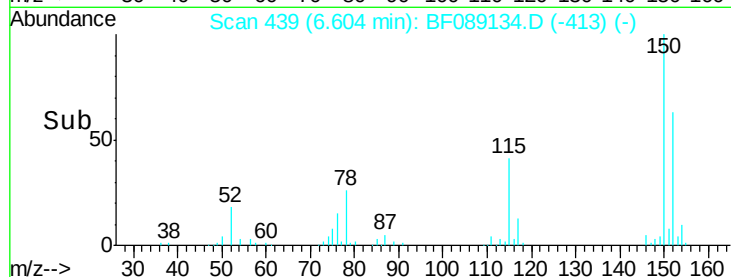
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 49983
Ion Ratio Lower Upper
152 100
150 157.7 125.1 187.7
115 65.4 51.1 76.7



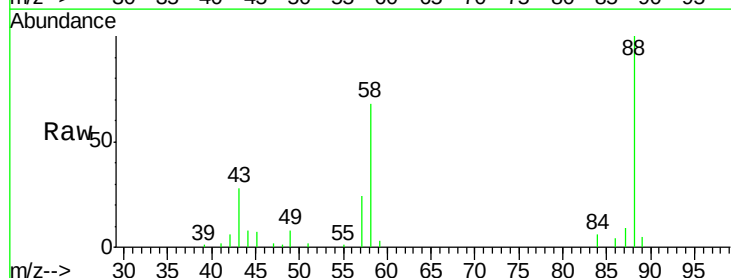
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



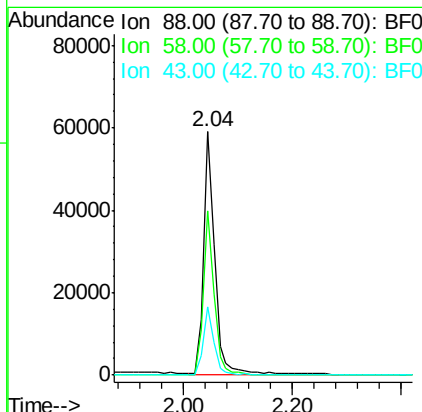
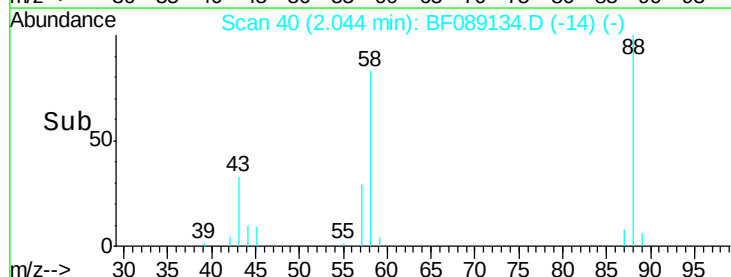
#2

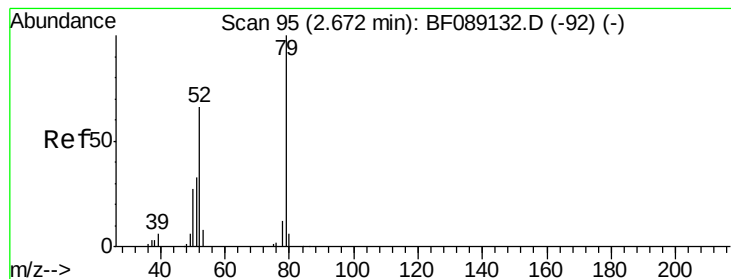
1,4-Dioxane
Concen: 52.49 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion: 88 Resp: 85381
Ion Ratio Lower Upper
88 100
58 63.0 49.2 73.8
43 26.0 20.6 30.8



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: 48.07 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

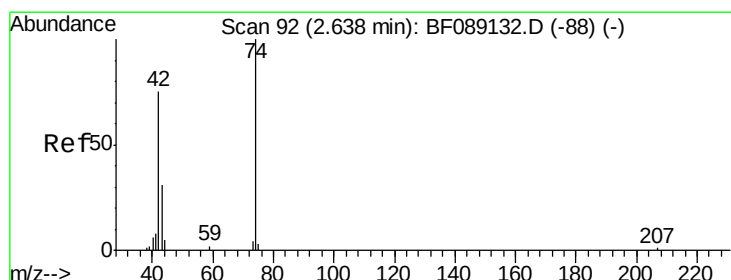
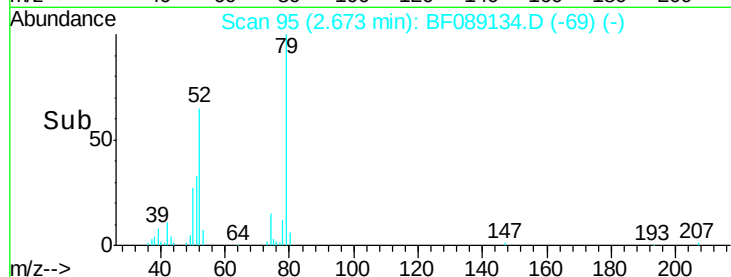
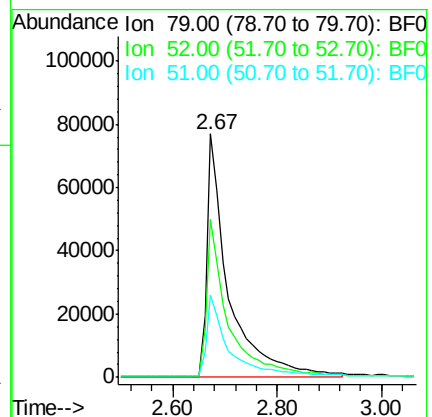
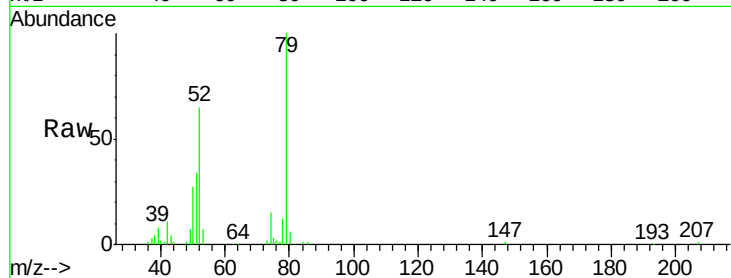
Tot Ion: 79 Resp: 223983

Ion Ratio Lower Upper

79 100

52 65.1 52.9 79.3

51 34.0 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 53.84 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

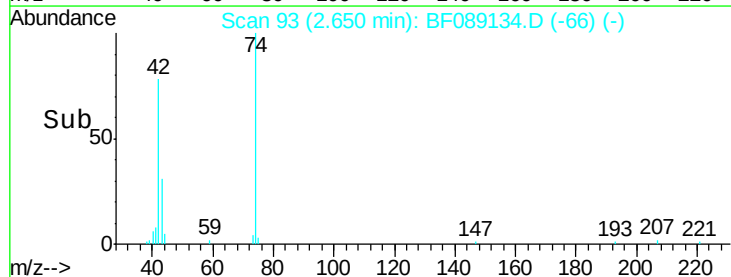
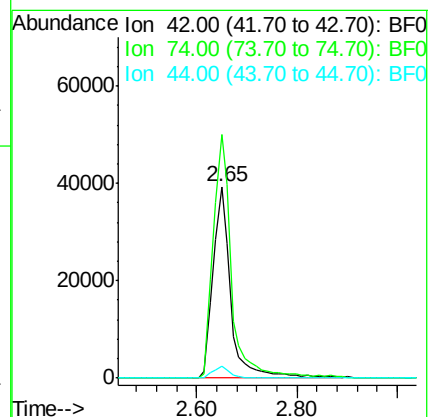
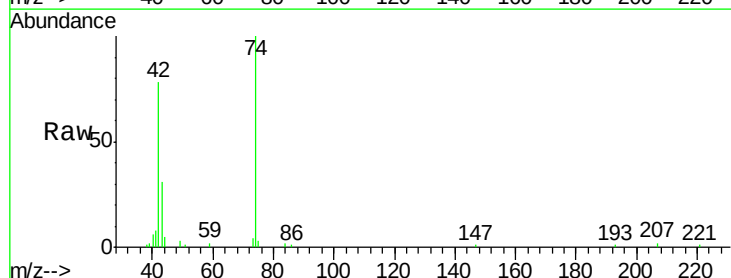
Tgt Ion: 42 Resp: 96866

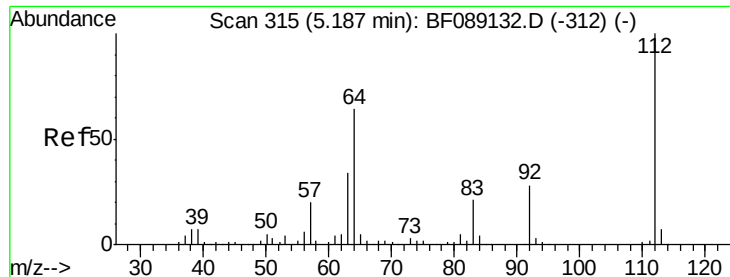
Ion Ratio Lower Upper

42 100

74 127.4 106.4 159.6

44 6.0 5.2 7.8





#5

2-Fluorophenol

Concen: 119.86 ng

RT: 5.20 min Scan# 316

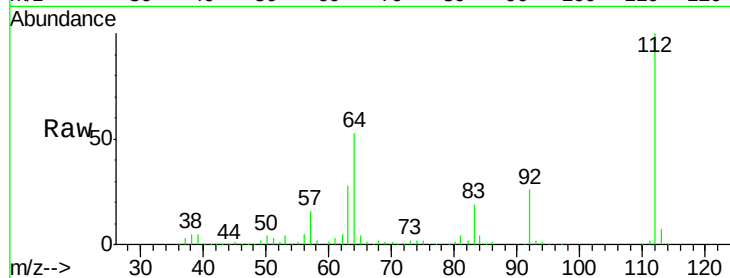
Delta R.T. 0.01 min

Lab File: BF089134.D

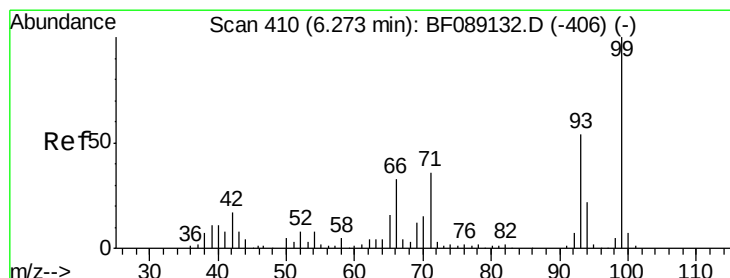
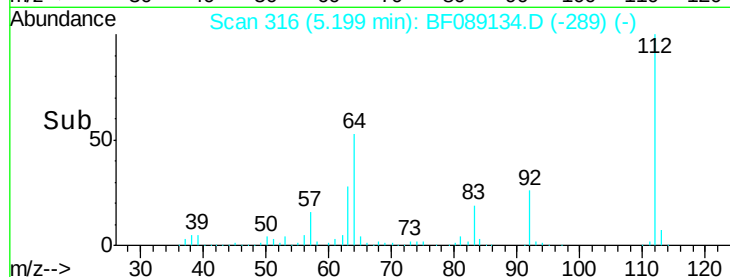
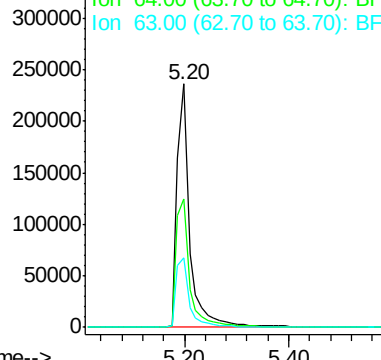
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	398003
Ion	Ratio	Lower	Upper
112	100		
64	52.5	51.0	76.4
63	28.4	27.3	40.9



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 54.31 ng

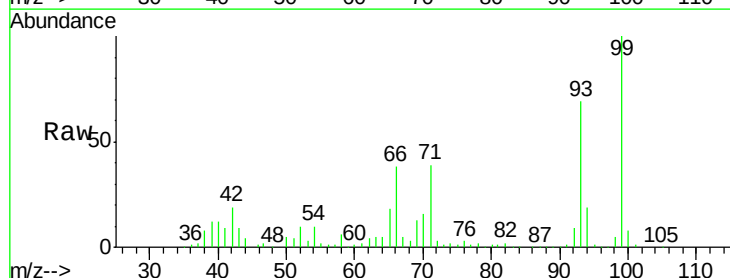
RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

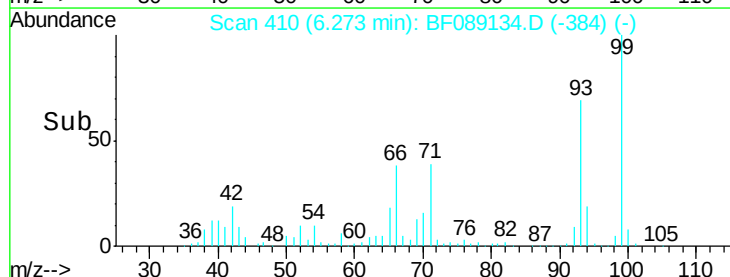
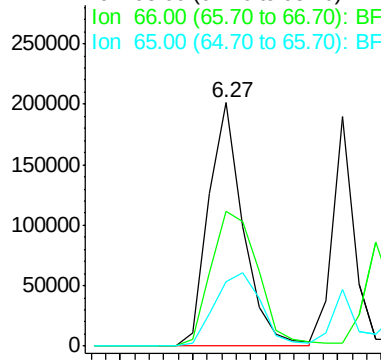
Lab File: BF089134.D

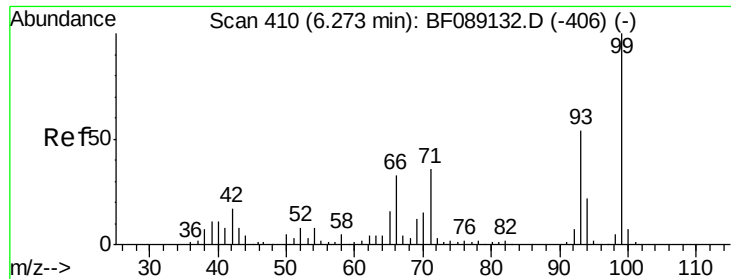
Acq: 20 Jul 2016 14:31

Tgt Ion:	93	Resp:	334734
Ion	Ratio	Lower	Upper
93	100		
66	55.2	48.9	73.3
65	26.5	23.9	35.9



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 112.84 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

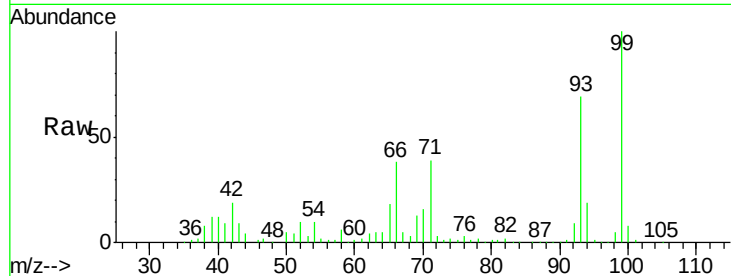
Tot Ion: 99 Resp: 485891

Ion Ratio Lower Upper

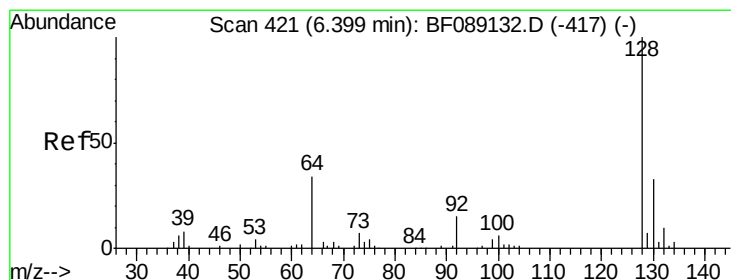
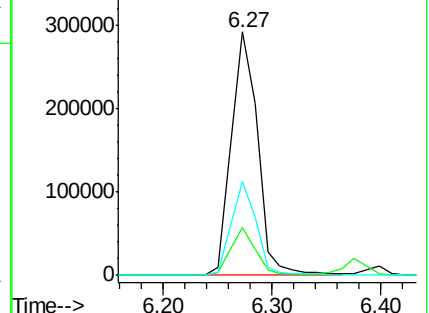
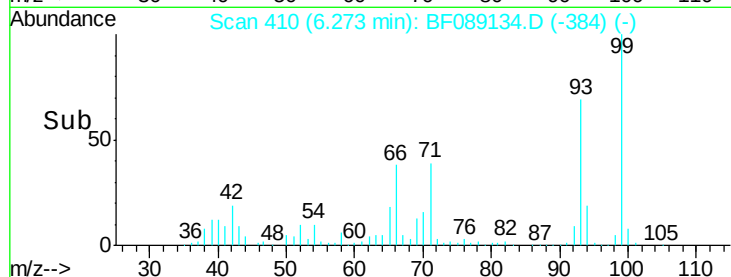
99 100

42 19.4 13.5 20.3

71 38.8 28.9 43.3



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: 61.30 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

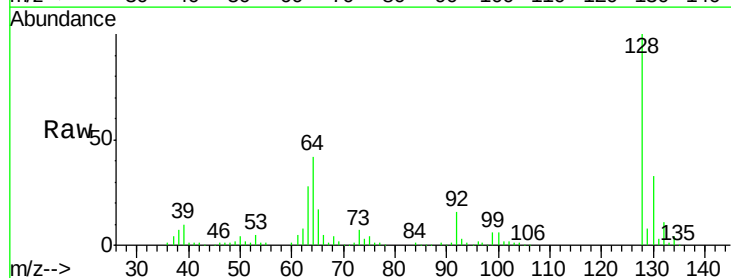
Tgt Ion: 128 Resp: 221086

Ion Ratio Lower Upper

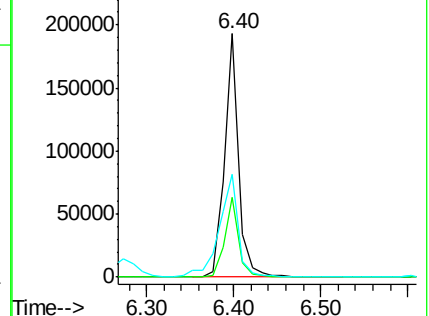
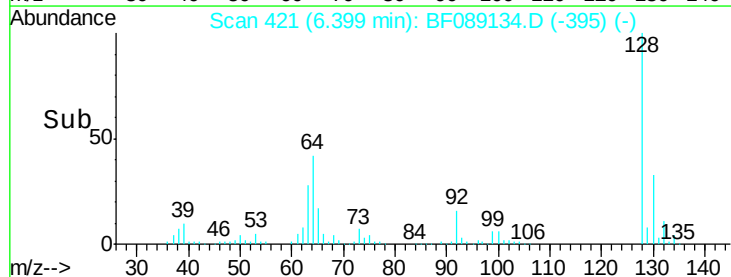
128 100

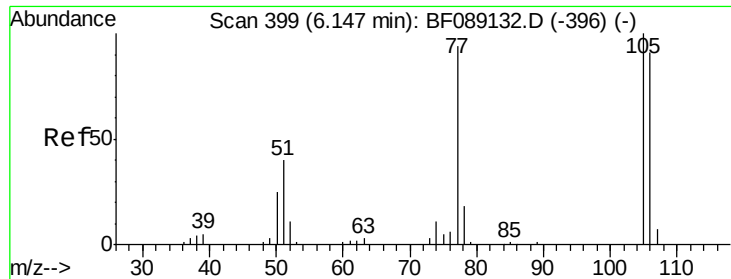
130 32.7 12.6 52.6

64 42.1 17.5 57.5



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

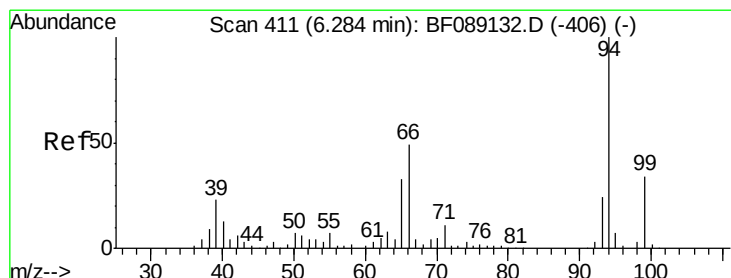
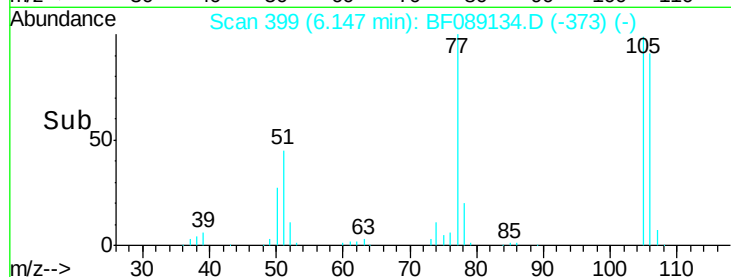
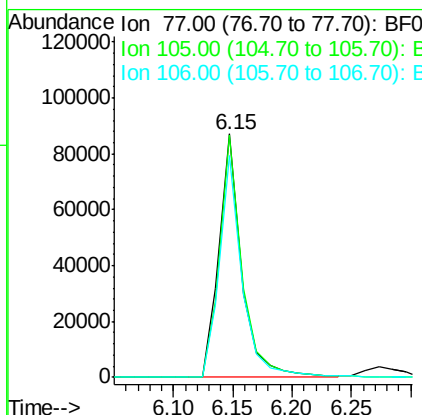
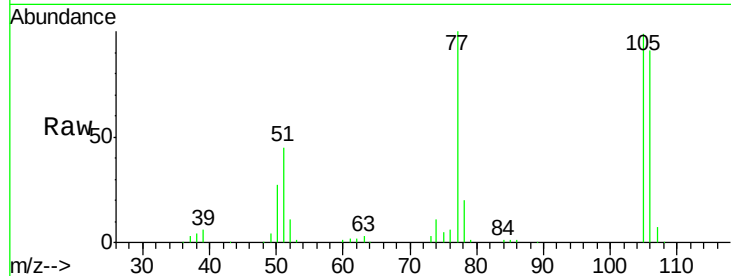




#9
Benzaldehyde
Concen: 40.58 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

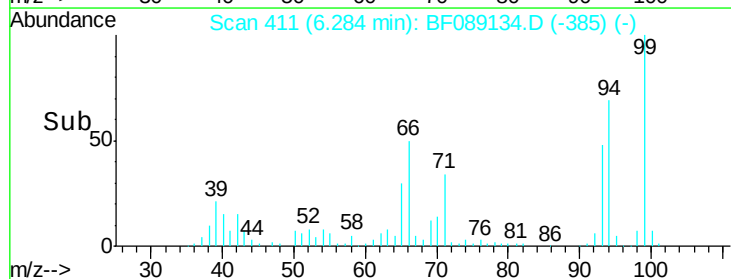
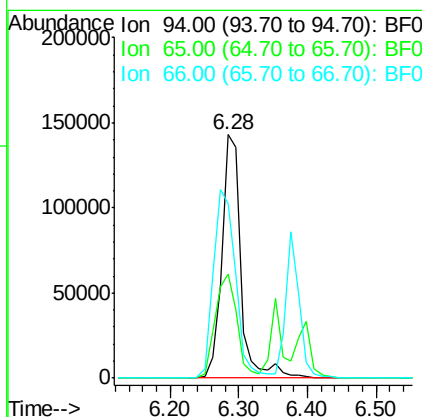
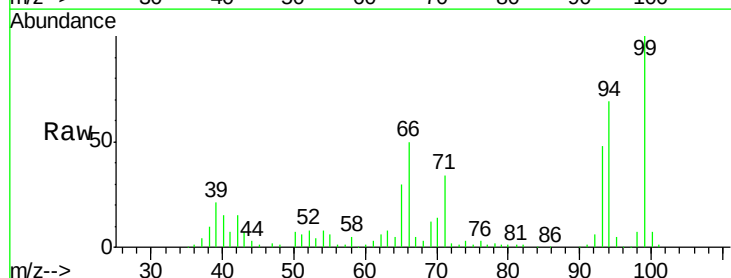
Instrument :
BNA_F
ClientSampleID :

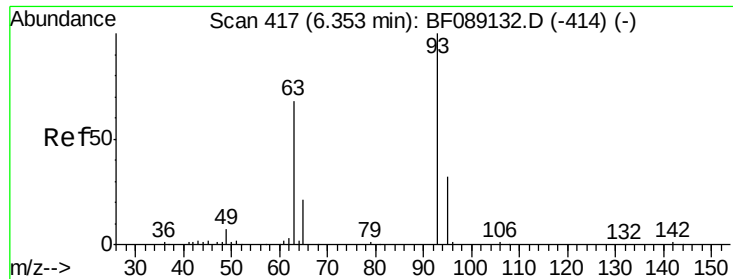
Tot Ion: 77 Resp: 115401
Ion Ratio Lower Upper
77 100
105 99.4 86.2 126.2
106 91.3 76.3 116.3



#10
Phenol
Concen: 57.28 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion: 94 Resp: 281322
Ion Ratio Lower Upper
94 100
65 42.8 13.3 53.3
66 71.7 29.3 69.3#





#11

bis(2-Chloroethyl)ether

Concen: 55.58 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

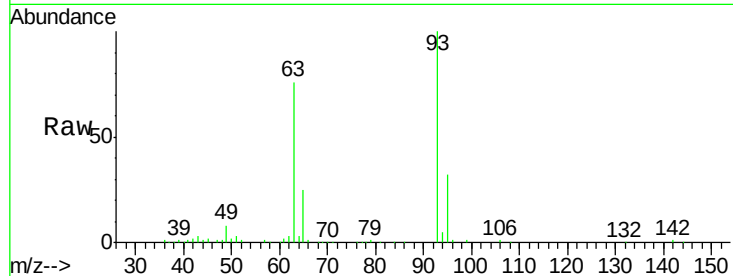
Tot Ion: 93 Resp: 205739

Ion Ratio Lower Upper

93 100

63 76.0 47.3 87.3

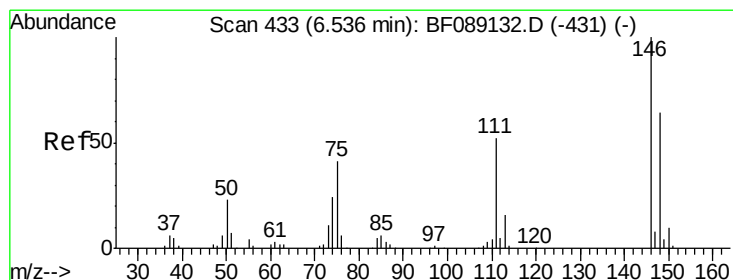
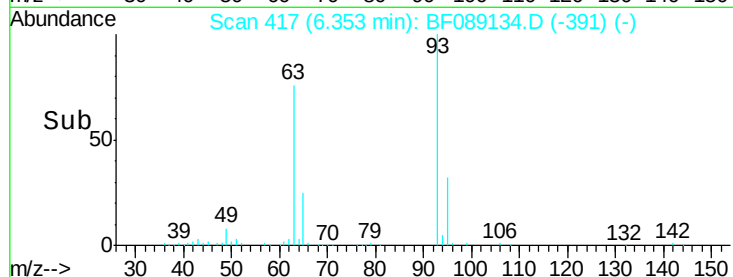
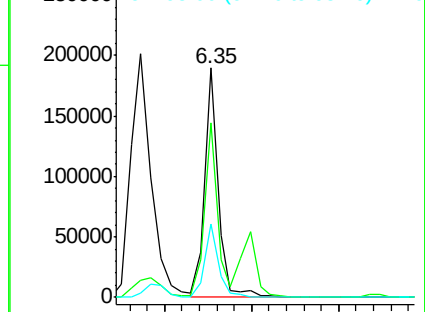
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 55.10 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.24 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

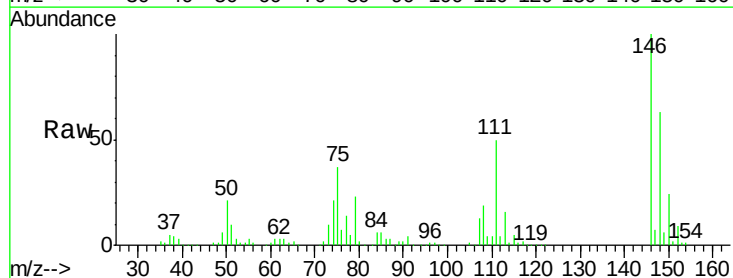
Tgt Ion: 146 Resp: 218355

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

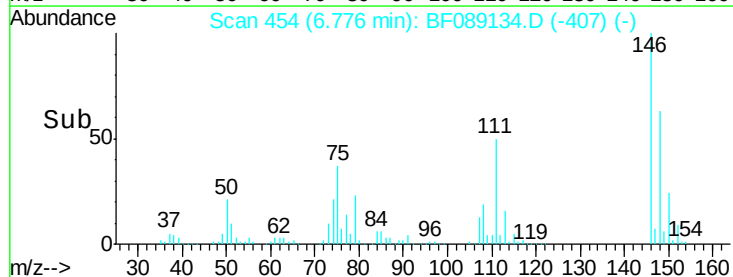
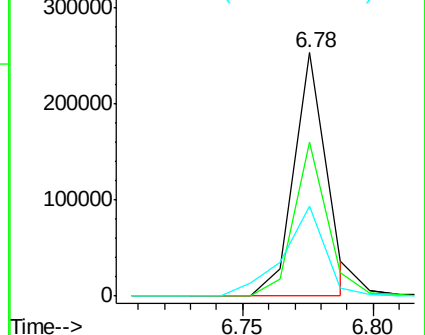
75 37.0 32.5 48.7

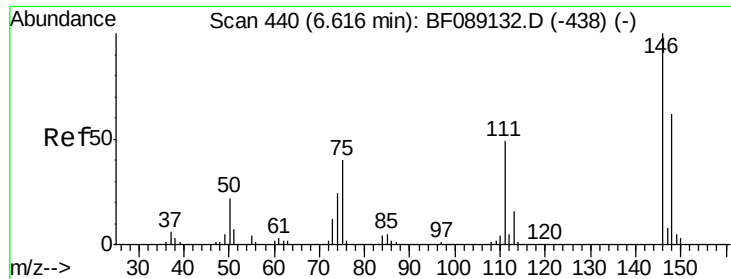


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

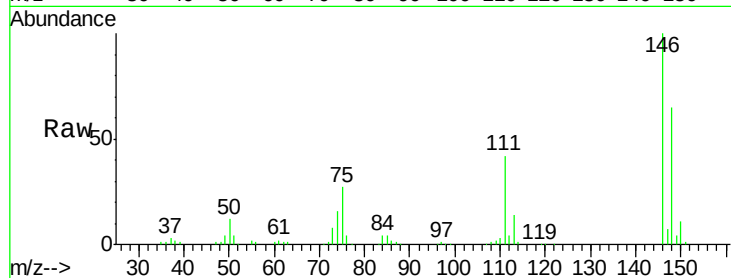




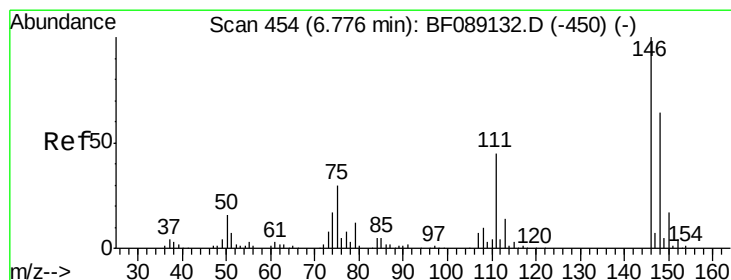
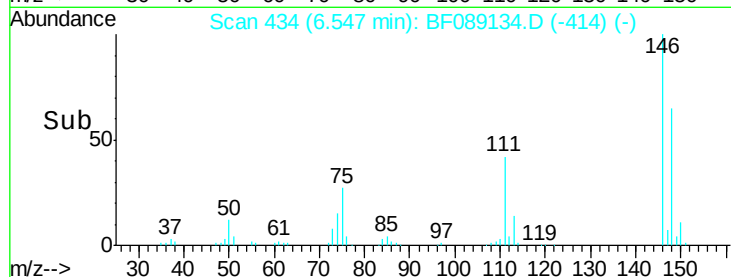
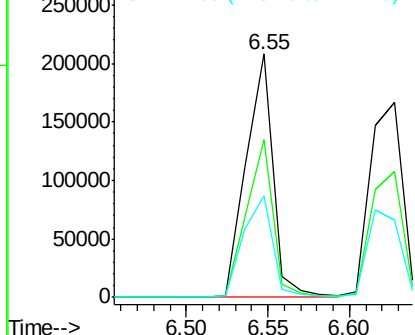
#13
 1,4-Dichlorobenzene
 Concen: 60.84 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.07 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.9	74.9
111	41.9	39.8	59.6

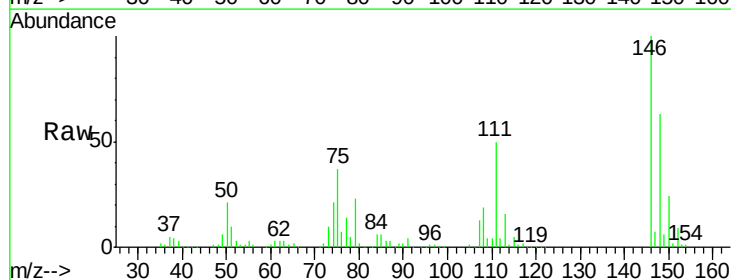


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

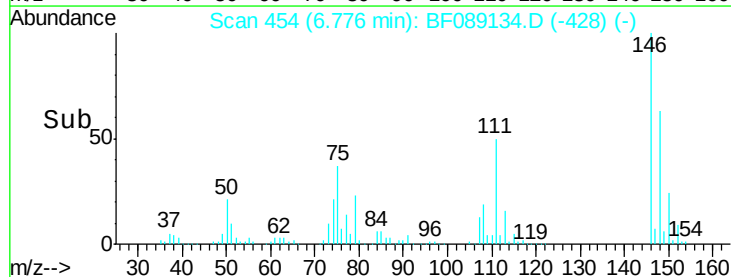
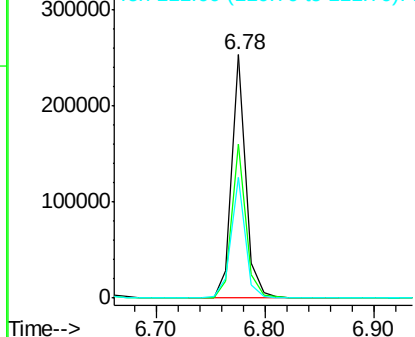


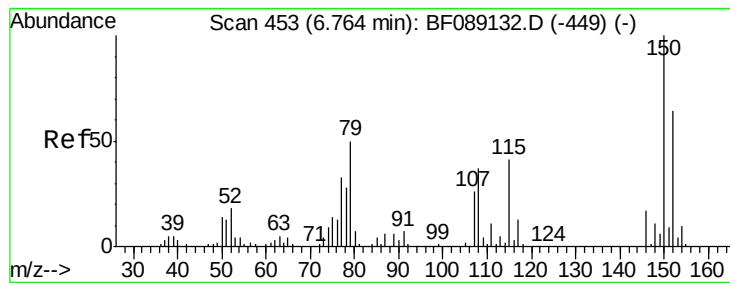
#14
 1,2-Dichlorobenzene
 Concen: 59.98 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
111	49.6	35.9	53.9



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





#15

Benzyl Alcohol

Concen: 56.09 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

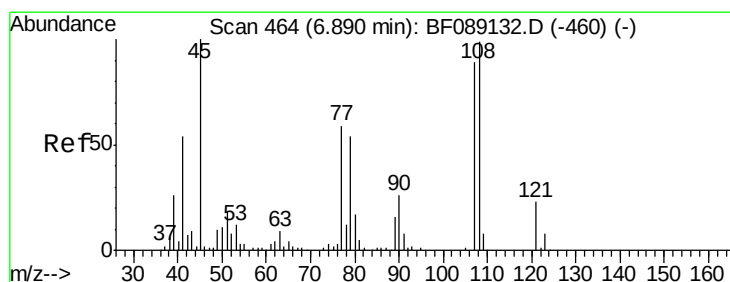
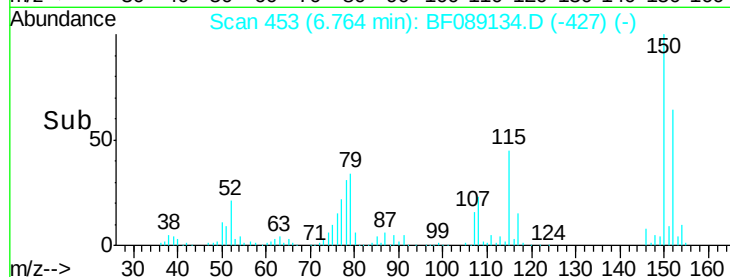
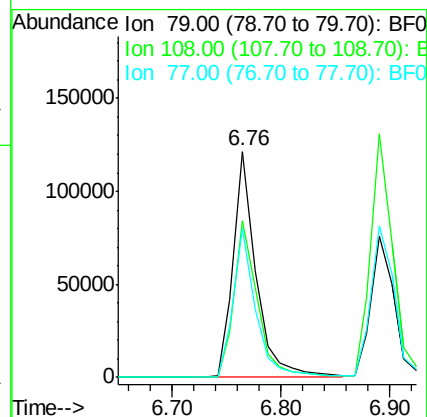
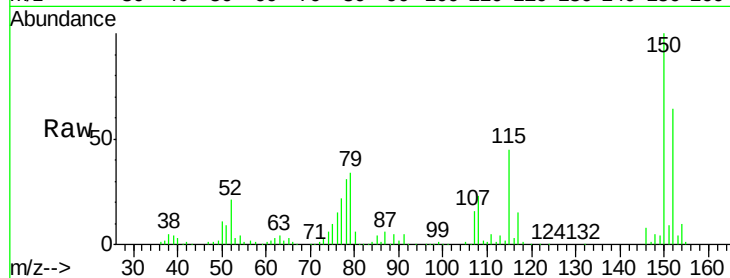
Tot Ion: 79 Resp: 177203

Ion Ratio Lower Upper

79 100

108 69.2 58.2 87.4

77 66.1 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.55 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

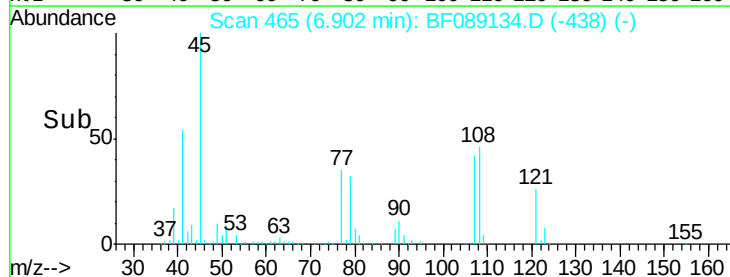
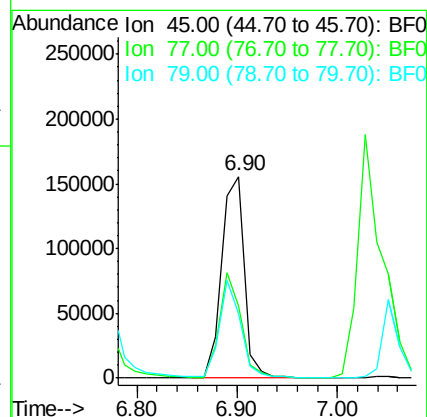
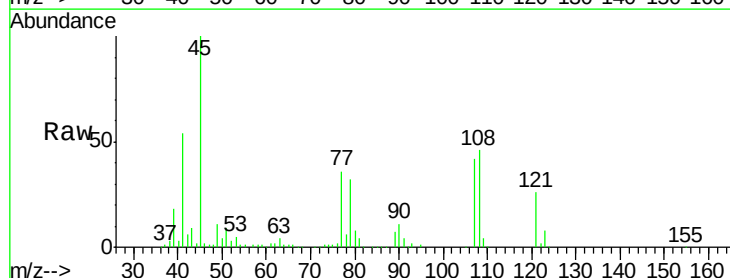
Tgt Ion: 45 Resp: 244658

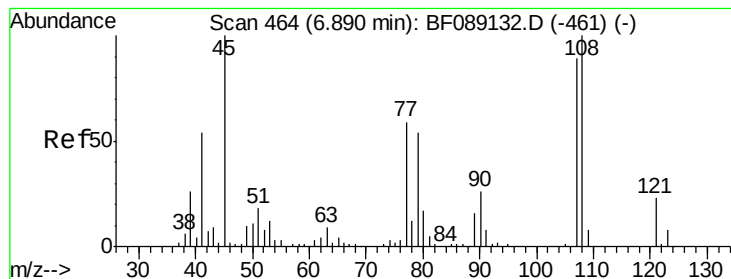
Ion Ratio Lower Upper

45 100

77 35.7 39.7 79.7#

79 32.0 34.7 74.7#

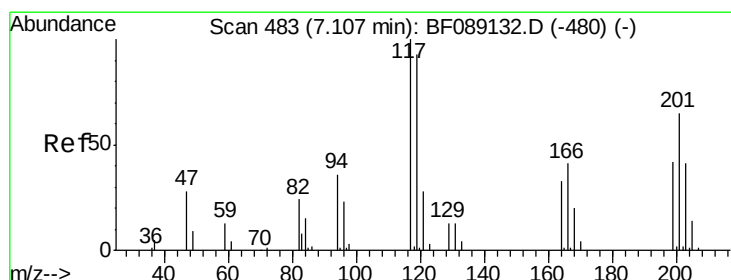
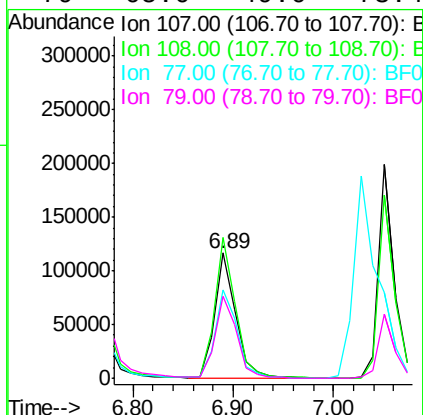
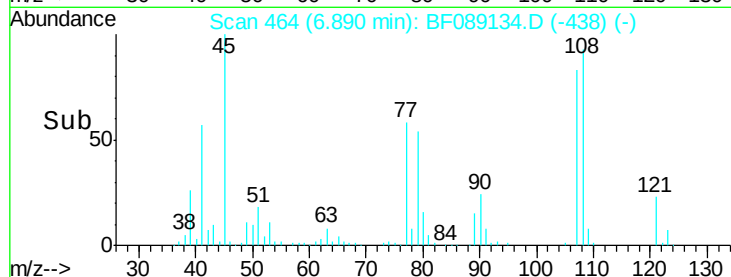
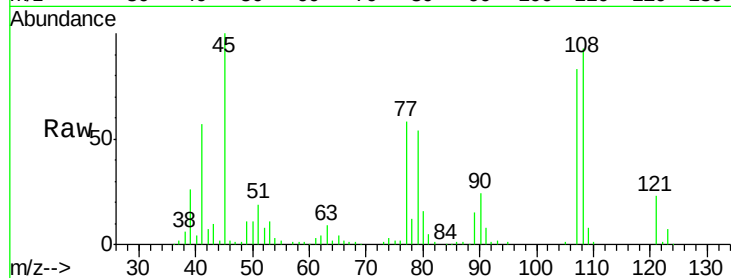




#17
2-Methylphenol
Concen: 58.26 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

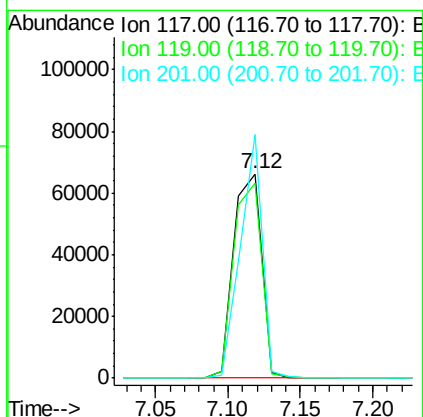
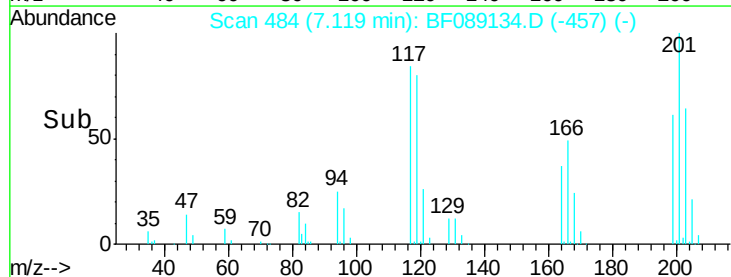
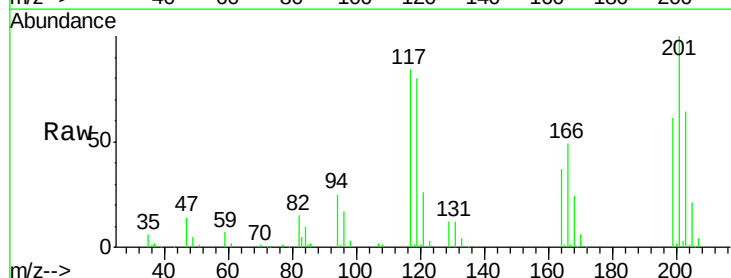
Instrument :
BNA_F
ClientSampleId :

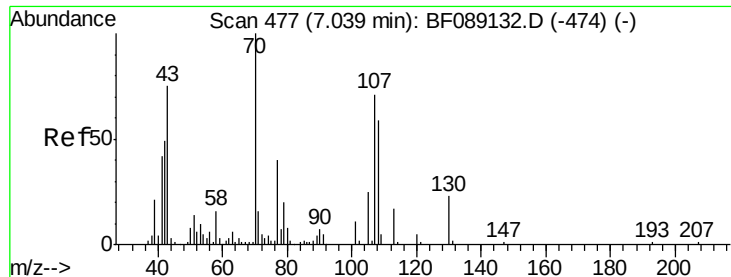
Tot Ion:107 Resp: 169636
Ion Ratio Lower Upper
107 100
108 112.2 89.4 134.2
77 70.1 53.4 80.0
79 65.0 49.0 73.4



#18
Hexachloroethane
Concen: 59.12 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:117 Resp: 89190
Ion Ratio Lower Upper
117 100
119 95.2 74.5 111.7
201 119.1 51.8 77.6#

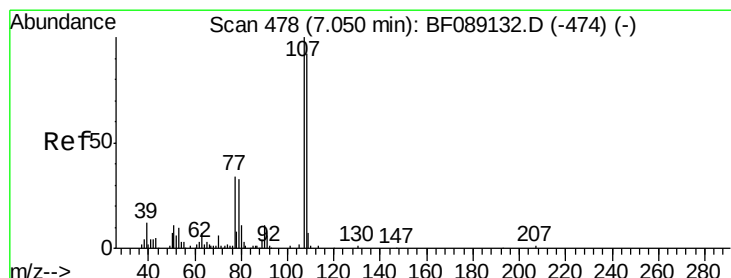
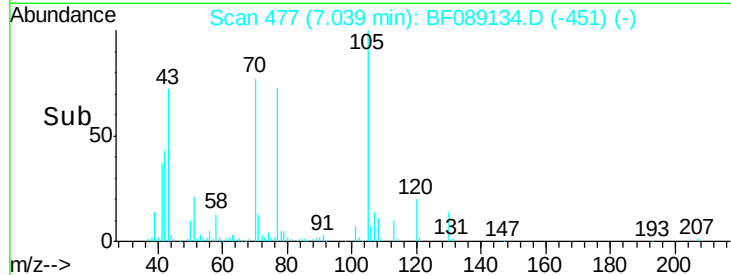
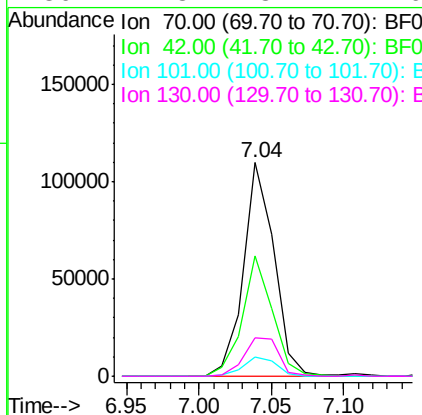
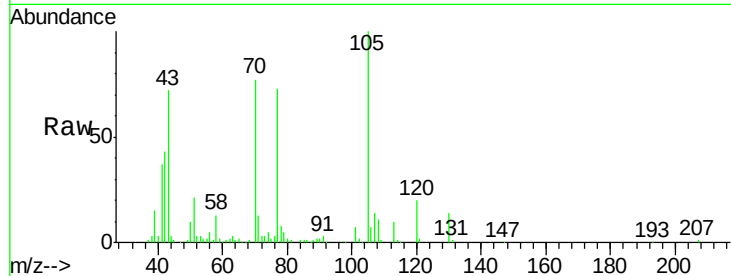




#19
 n-Nitroso-di-n-propylamine
 Concen: 54.62 ng
 RT: 7.04 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

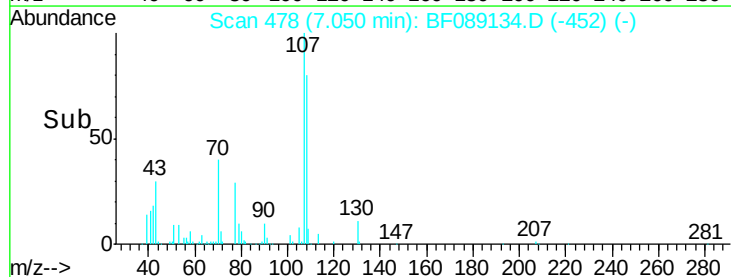
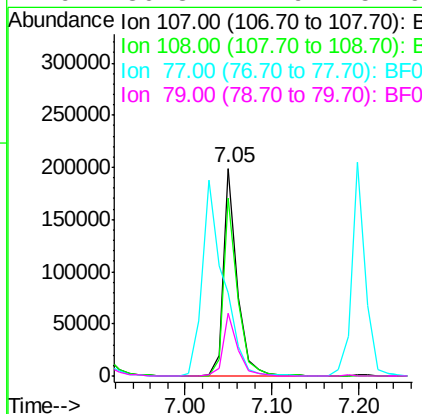
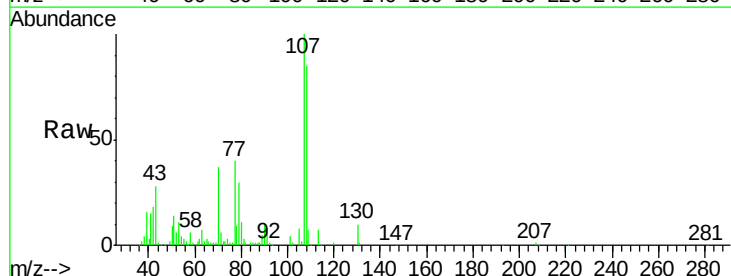
Instrument :
 BNA_F
 ClientSampleId :

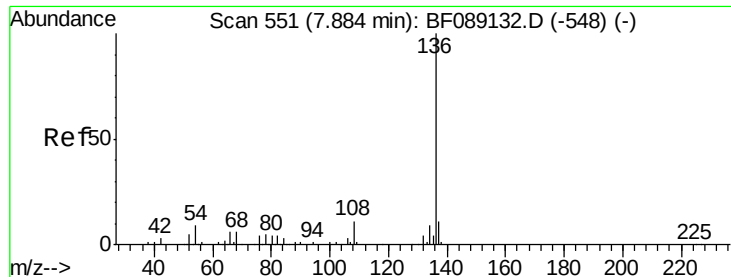
Tot Ion: 70 Resp: 160709
 Ion Ratio Lower Upper
 70 100
 42 56.6 39.2 58.8
 101 9.3 8.5 12.7
 130 17.8 18.4 27.6#



#20
 3+4-Methylphenols
 Concen: 61.84 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:107 Resp: 222799
 Ion Ratio Lower Upper
 107 100
 108 85.5 72.5 112.5
 77 40.2 17.7 57.7
 79 30.3 12.9 52.9

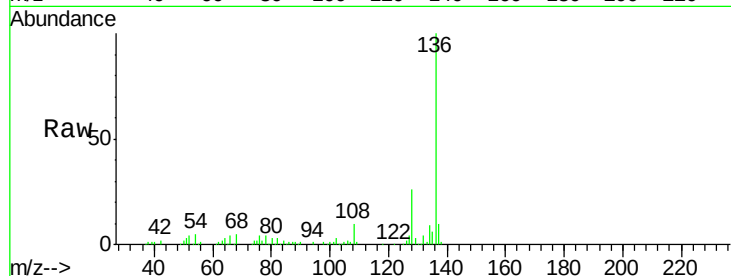




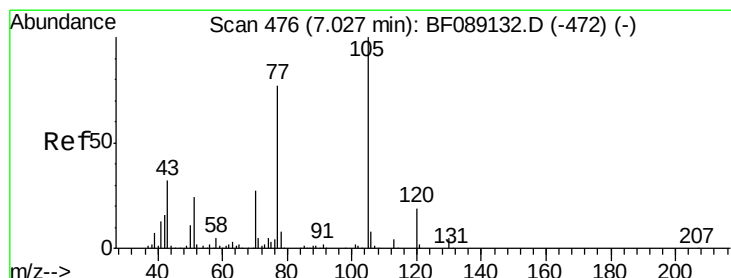
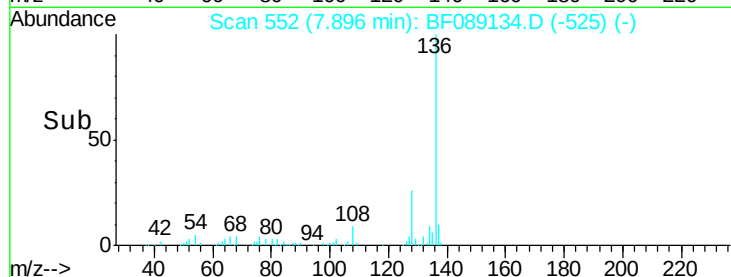
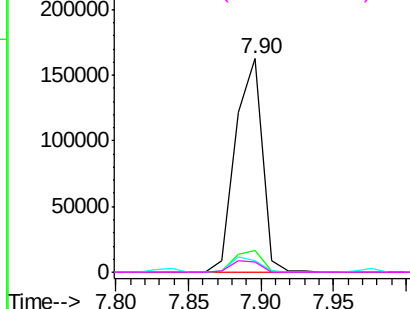
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	208043
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.8 13.2
54	5.4	7.0 10.4#
68	4.7	5.0 7.6#

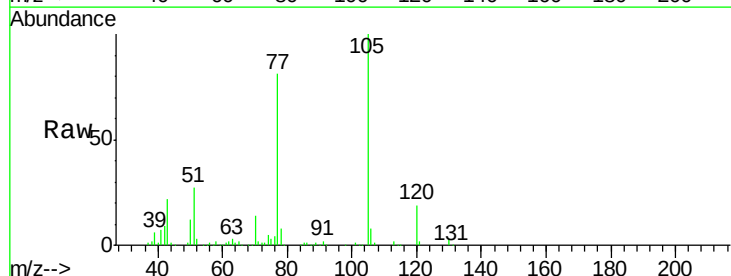


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

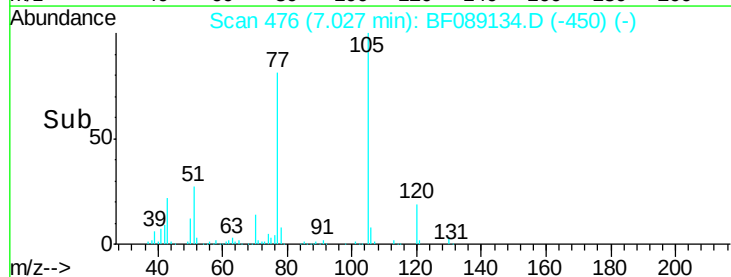
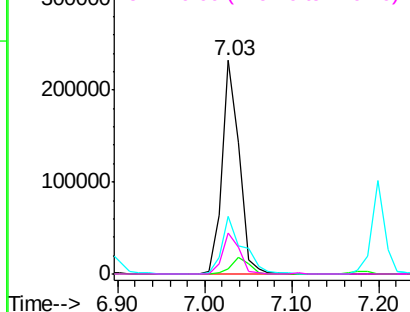


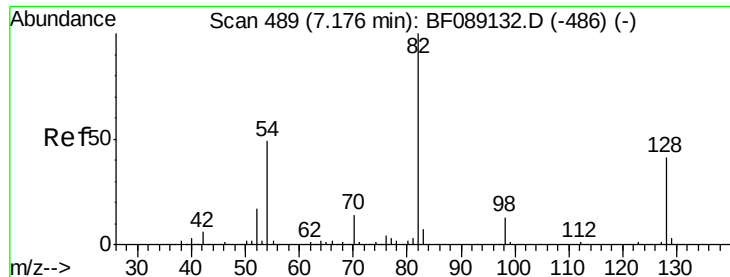
#22
Acetophenone
Concen: 62.29 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:105	Resp:	320535
Ion Ratio	Lower	Upper
105	100	
71	2.3	3.8 5.6#
51	27.1	19.6 29.4
120	19.1	15.5 23.3



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

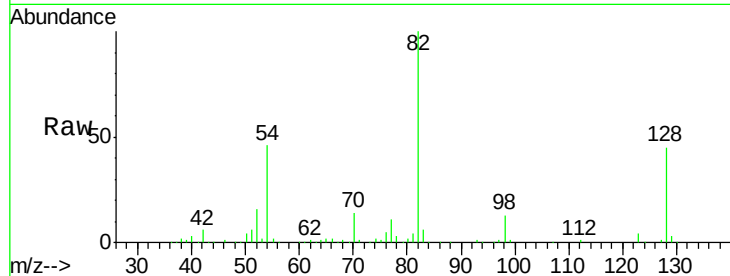




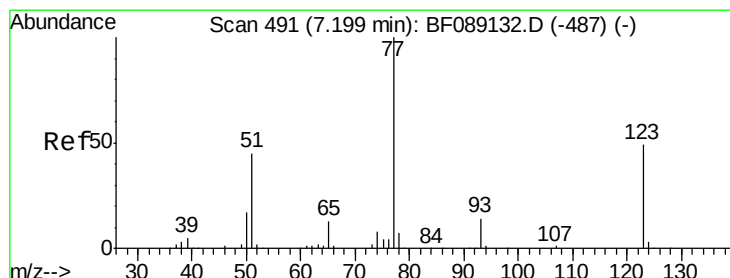
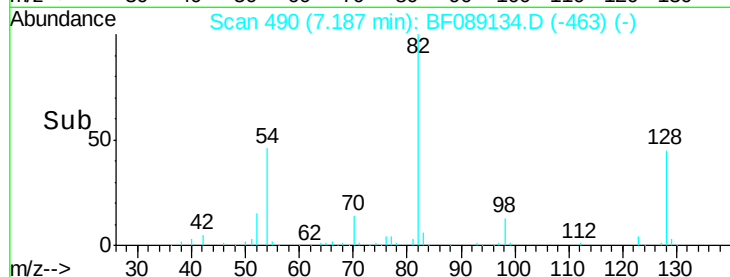
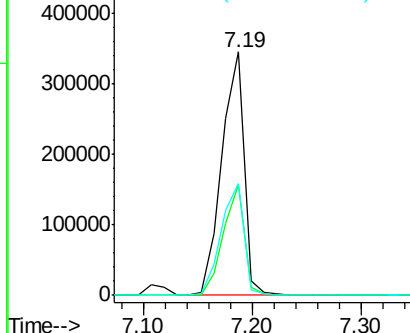
#23
Nitrobenzene-d5
Concen: 123.47 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.0	49.6
54	46.0	39.0	58.4

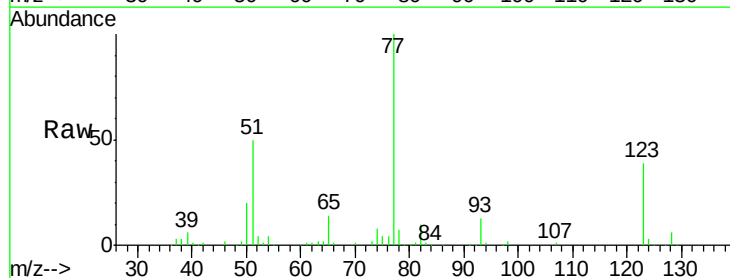


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

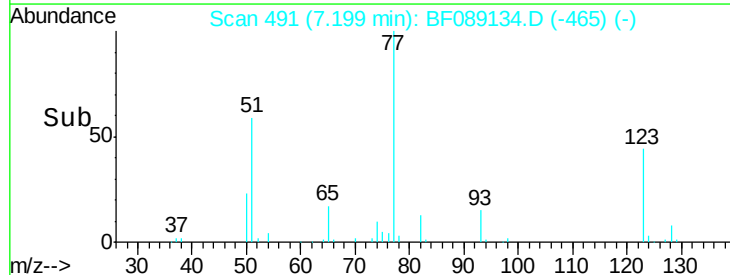
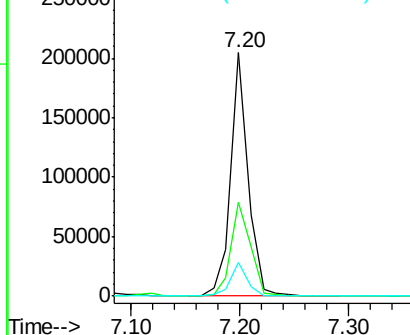


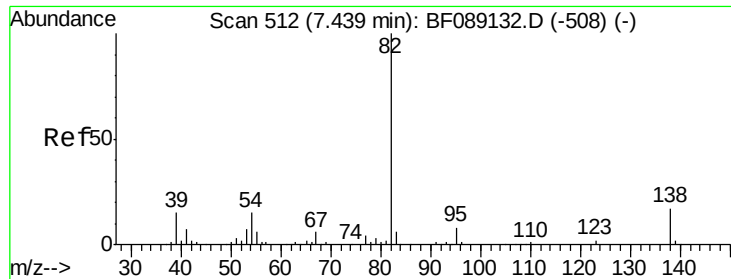
#24
Nitrobenzene
Concen: 55.42 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	38.9	58.3#
65	13.6	10.6	15.8



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





#25

Isophorone

Concen: 58.62 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

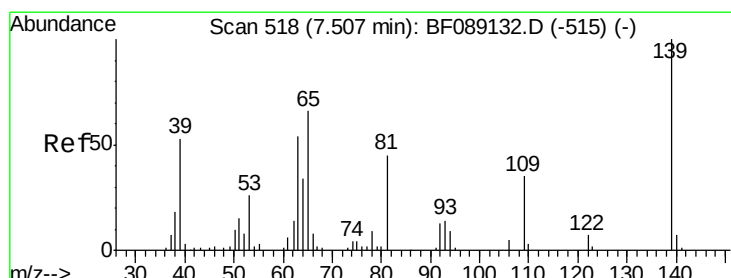
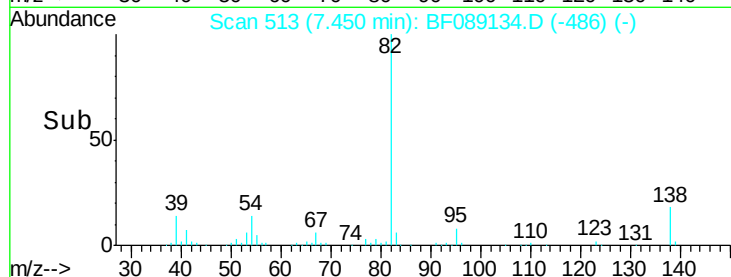
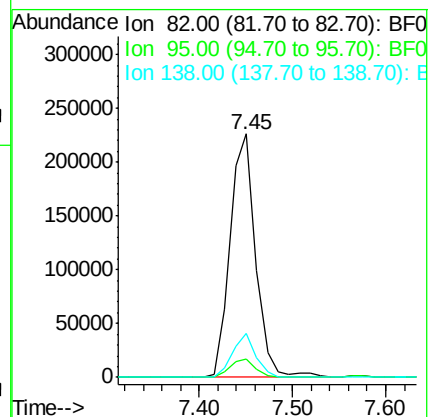
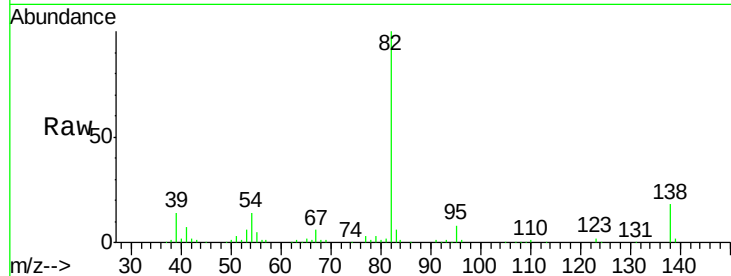
Tot Ion: 82 Resp: 431393

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 18.3 13.6 20.4



#26

2-Nitrophenol

Concen: 72.13 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

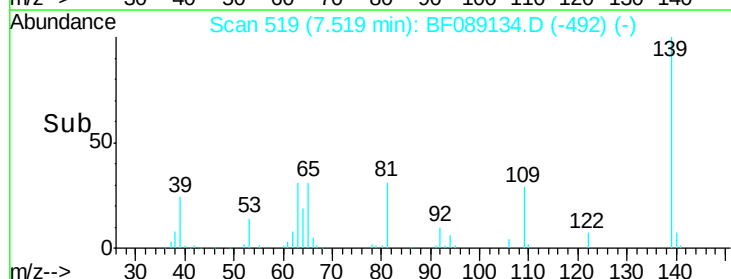
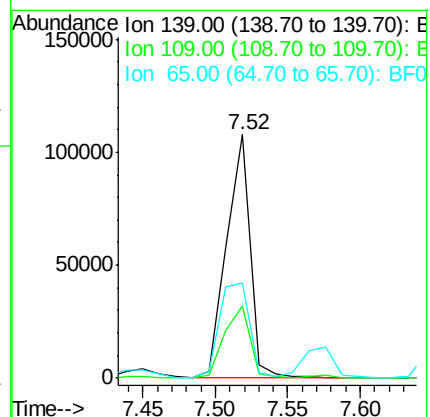
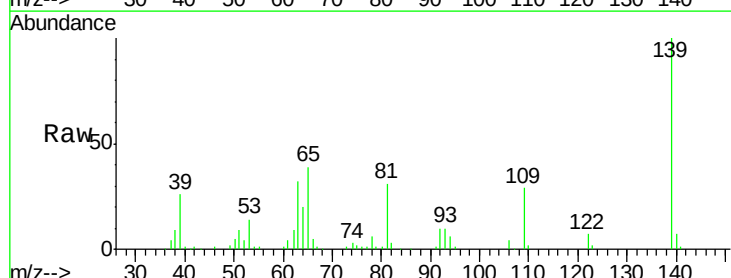
Tgt Ion: 139 Resp: 121661

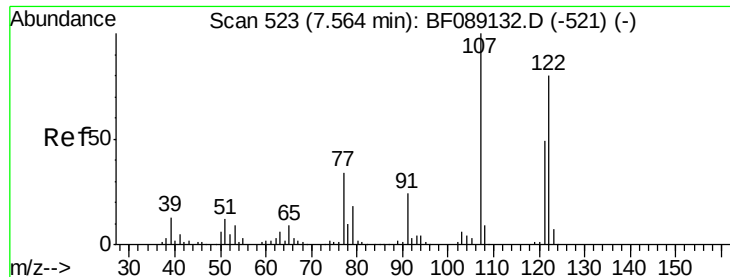
Ion Ratio Lower Upper

139 100

109 29.5 28.1 42.1

65 39.0 52.7 79.1#





#27

2,4-Dimethylphenol

Concen: 59.28 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampled :

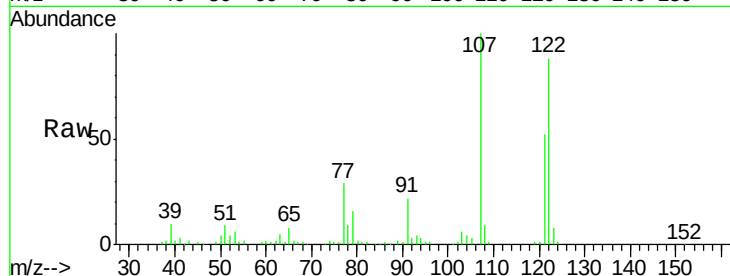
Tot Ion:122 Resp: 199058

Ion Ratio Lower Upper

122 100

107 114.0 99.7 149.5

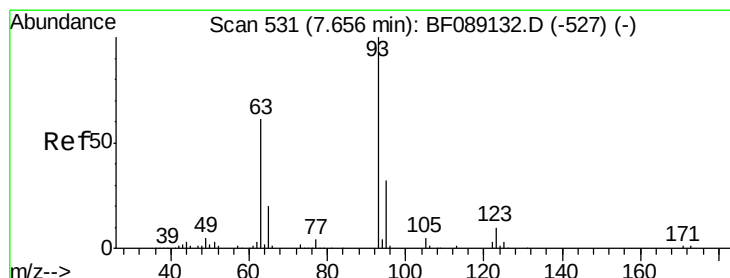
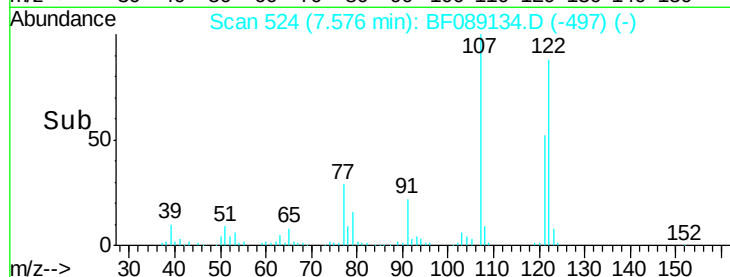
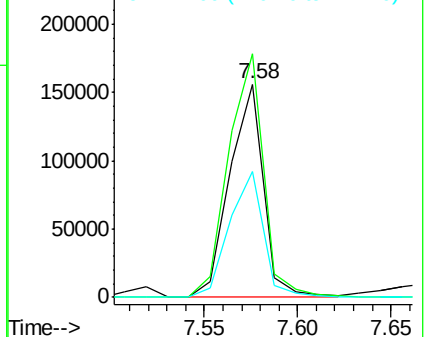
121 59.1 48.5 72.7



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: 52.11 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

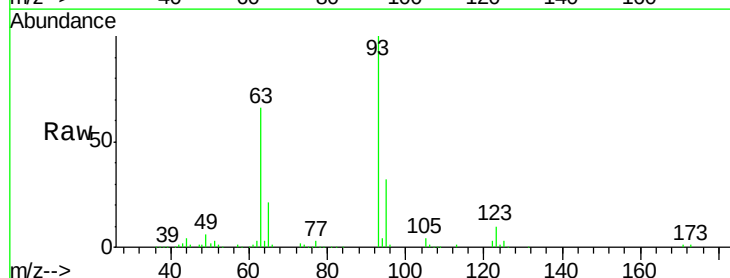
Tgt Ion: 93 Resp: 252255

Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.0

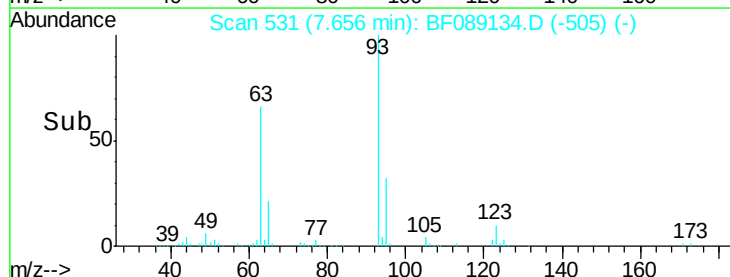
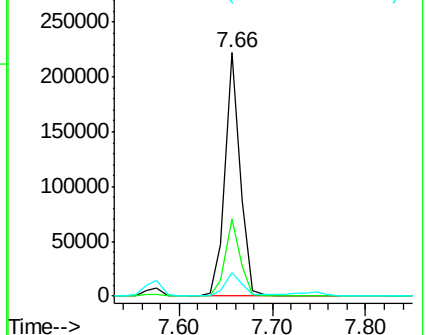
123 9.6 8.3 12.5

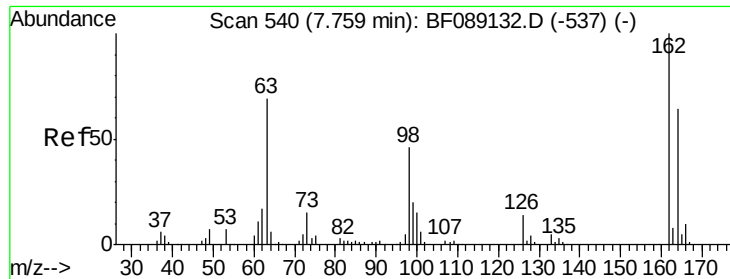


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

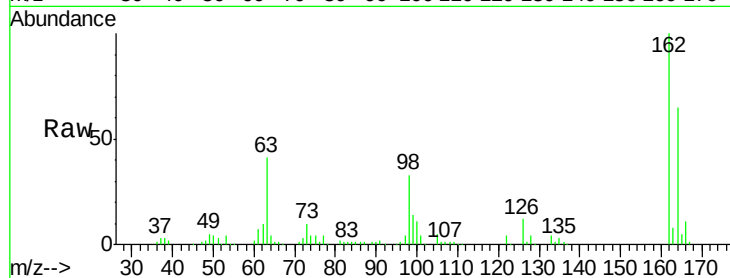




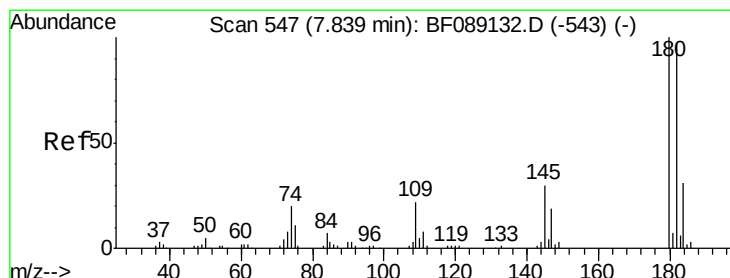
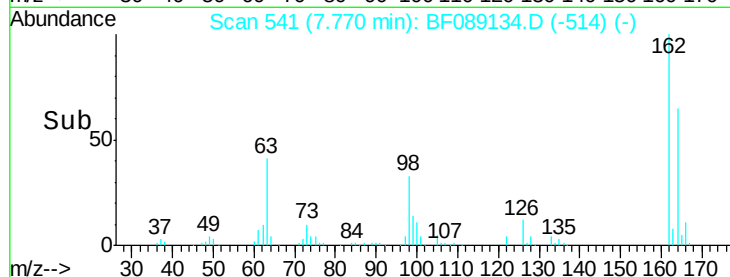
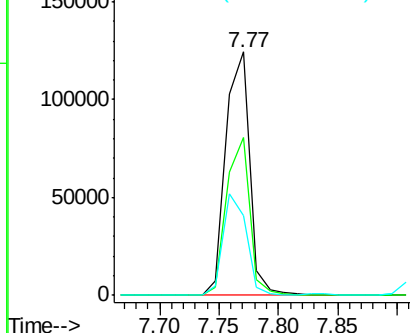
#29
2,4-Dichlorophenol
Concen: 61.85 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 173429
Ion Ratio Lower Upper
162 100
164 64.8 44.0 84.0
98 33.0 26.0 66.0

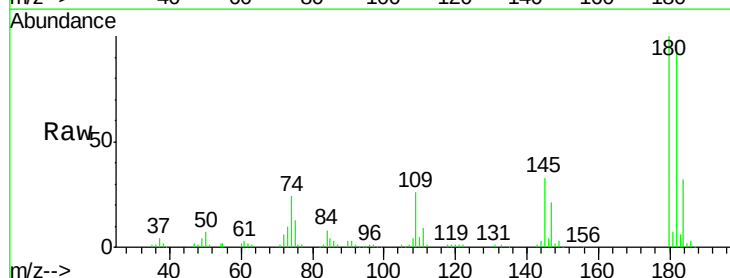


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

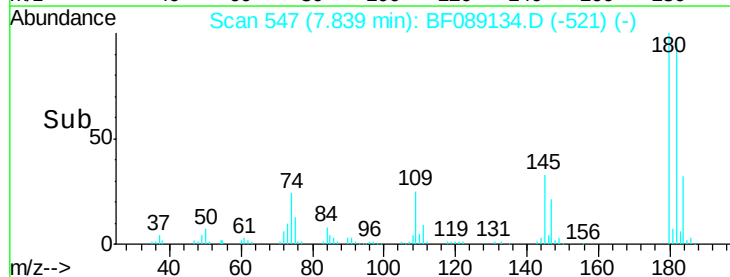
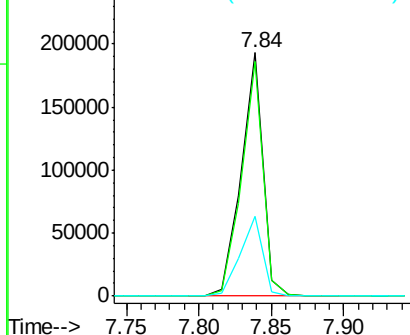


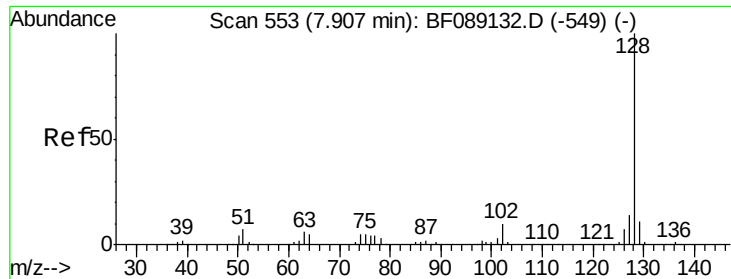
#30
1,2,4-Trichlorobenzene
Concen: 65.63 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:180 Resp: 200877
Ion Ratio Lower Upper
180 100
182 96.4 77.6 116.4
145 32.9 24.0 36.0



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

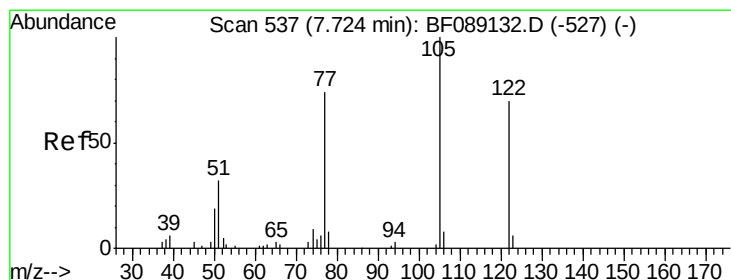
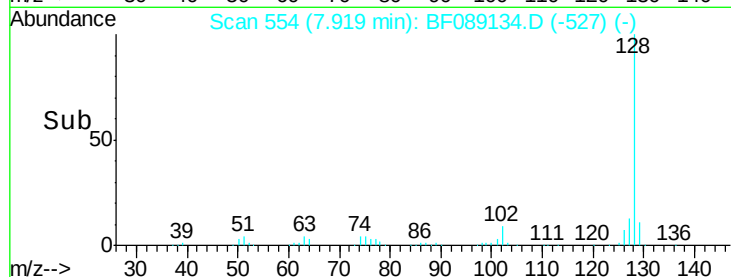
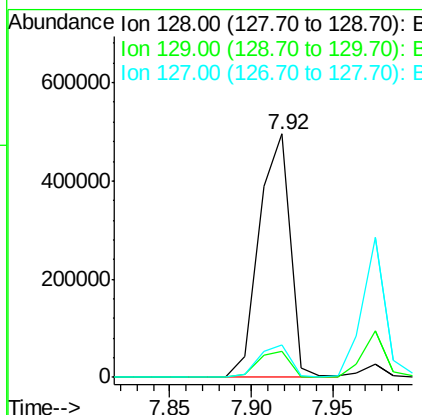
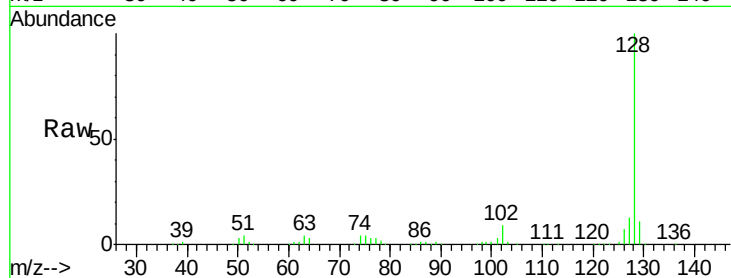




#31
Naphthalene
Concen: 63.50 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

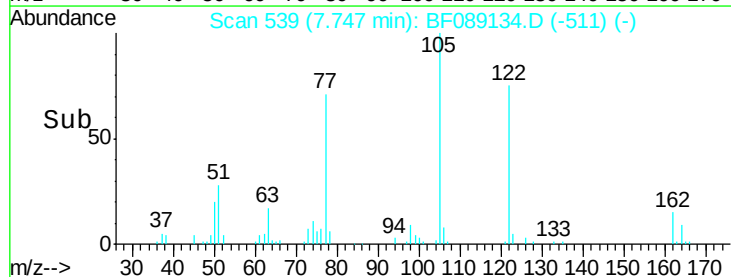
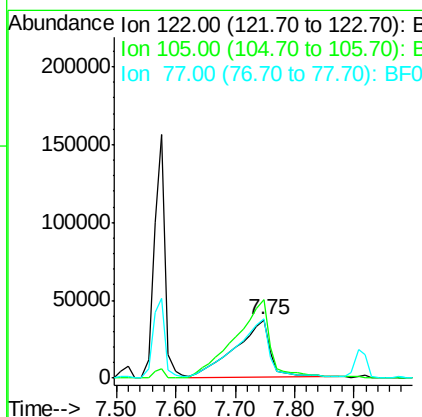
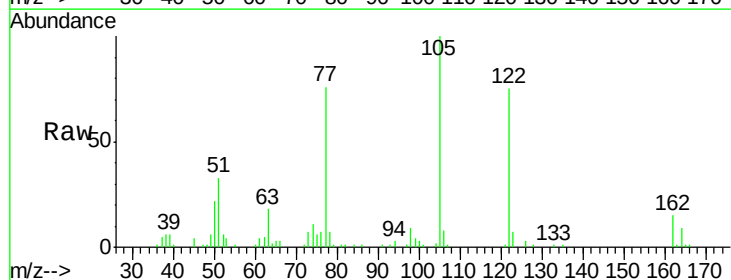
Instrument :
BNA_F
ClientSampleId :

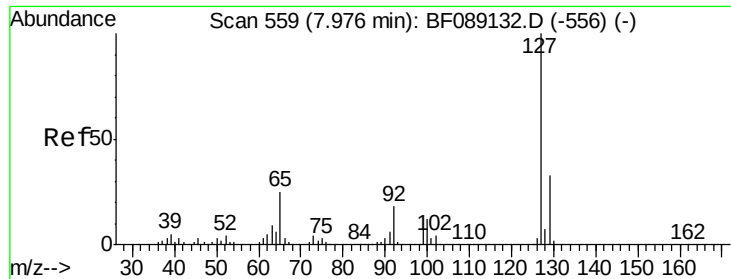
Tot Ion:128 Resp: 653027
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 61.90 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.02 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:122 Resp: 154904
Ion Ratio Lower Upper
122 100
105 133.9 119.0 159.0
77 101.5 84.7 124.7

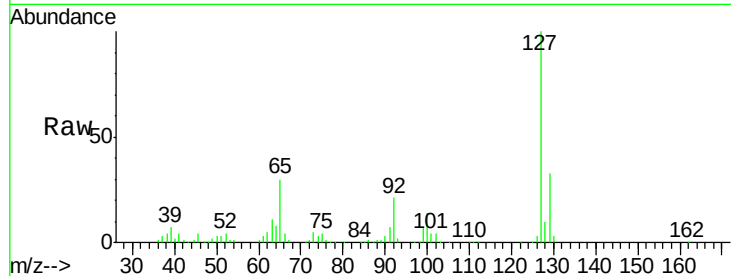




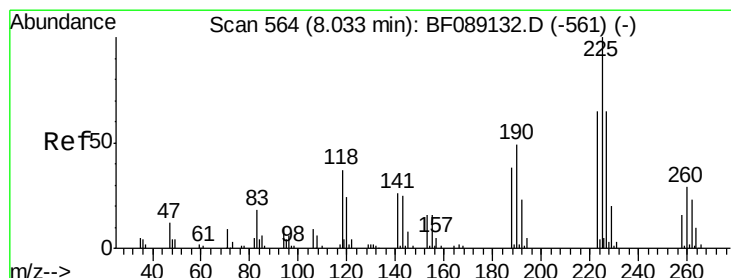
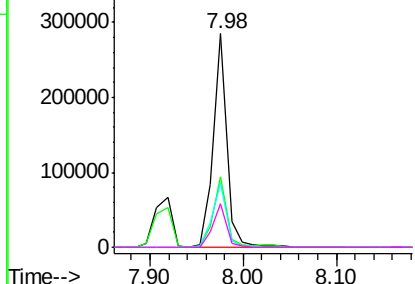
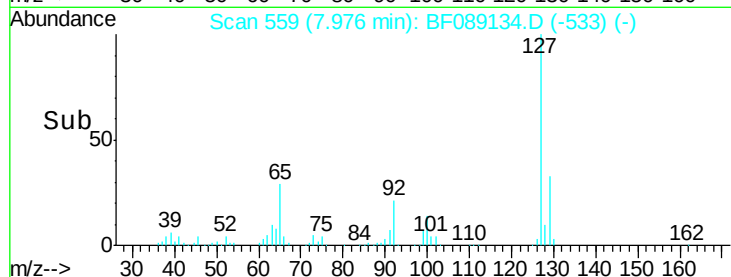
#33
4-Chloroaniline
Concen: 63.47 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	291123
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	29.8	19.7	29.5
92	20.5	14.3	21.5

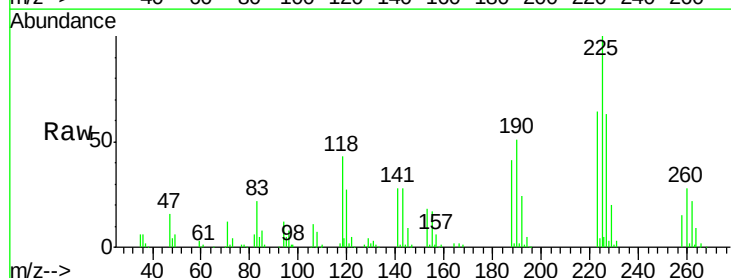


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

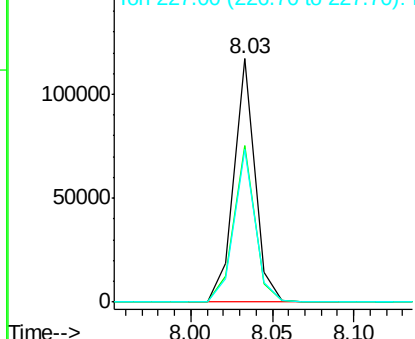
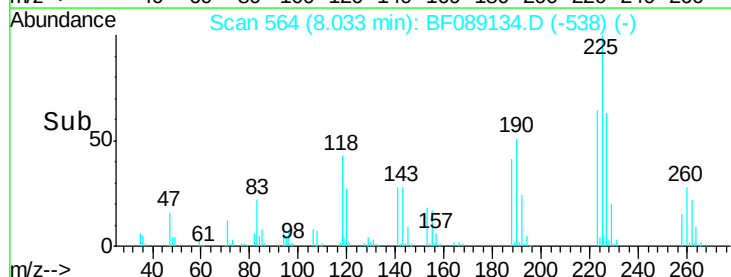


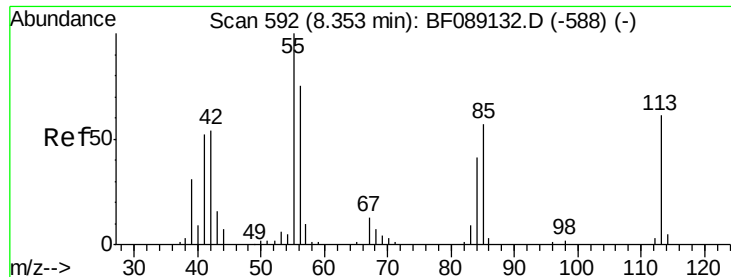
#34
Hexachlorobutadiene
Concen: 62.98 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:	225	Resp:	103958
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.6	77.4
227	62.5	51.6	77.4



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: 63.02 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.02 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

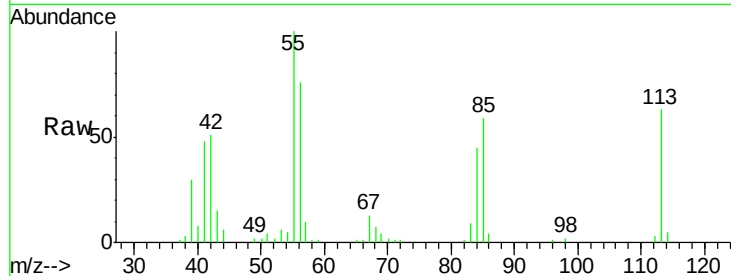
Tot Ion:113 Resp: 58542

Ion Ratio Lower Upper

113 100

55 158.1 145.3 185.3

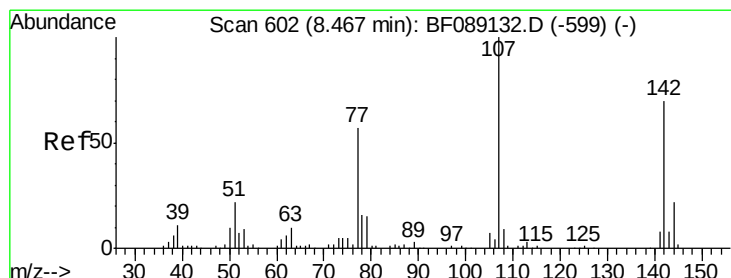
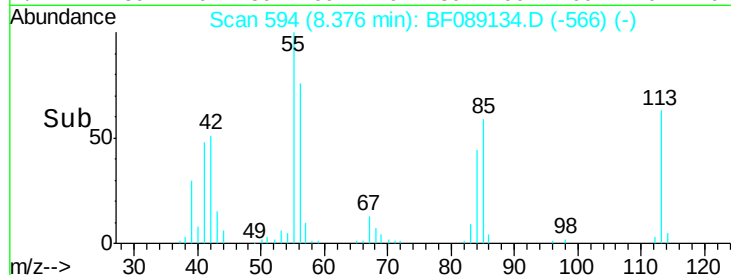
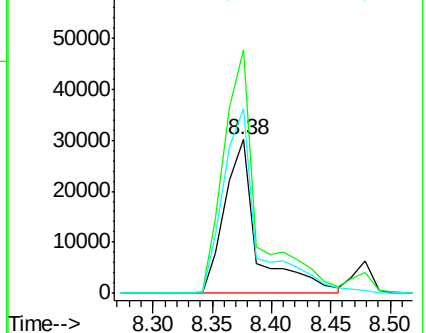
56 119.9 104.3 144.3



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: 68.14 ng

RT: 8.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

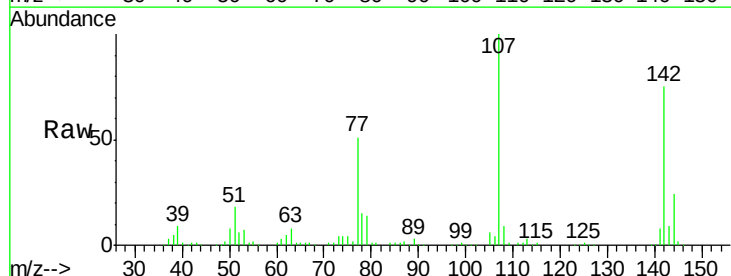
Tgt Ion:107 Resp: 224556

Ion Ratio Lower Upper

107 100

144 24.3 17.8 26.6

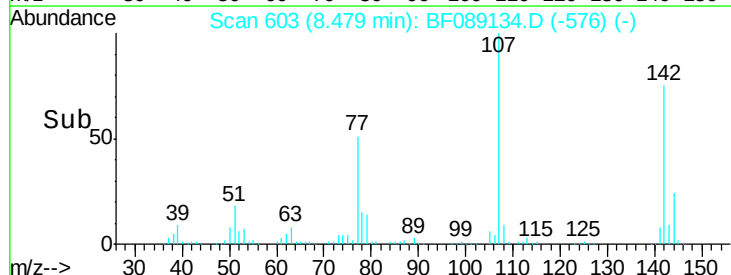
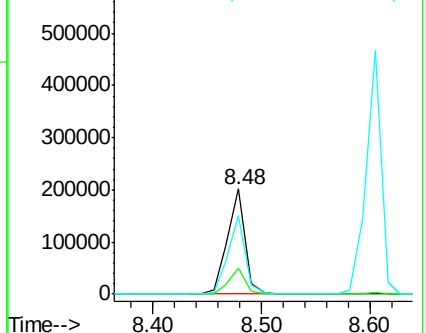
142 75.3 56.1 84.1

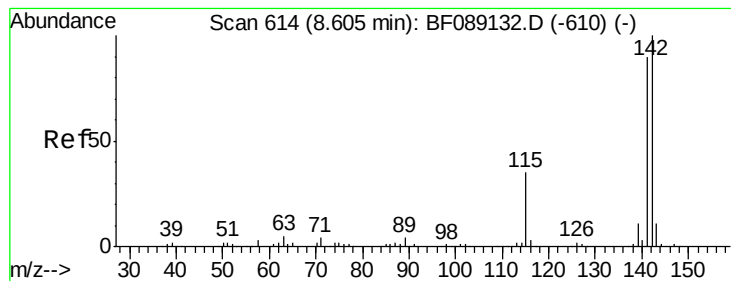


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 64.72 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

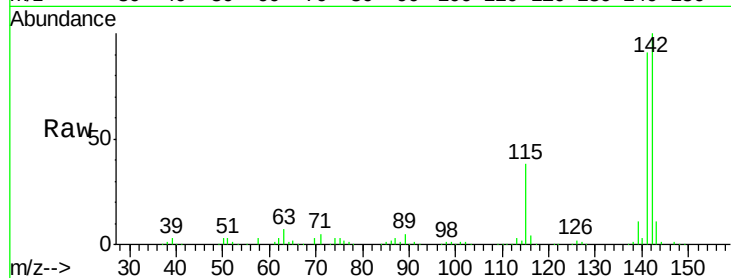
Tot Ion:142 Resp: 440239

Ion Ratio Lower Upper

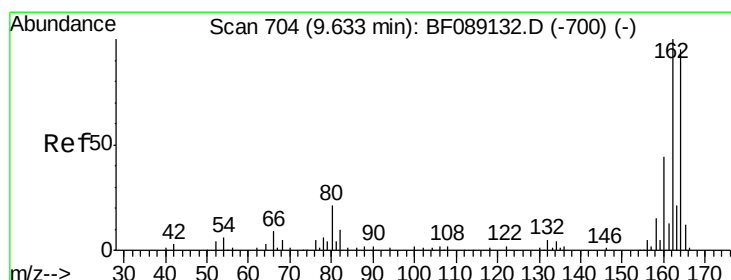
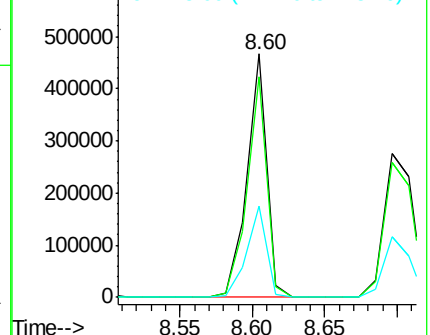
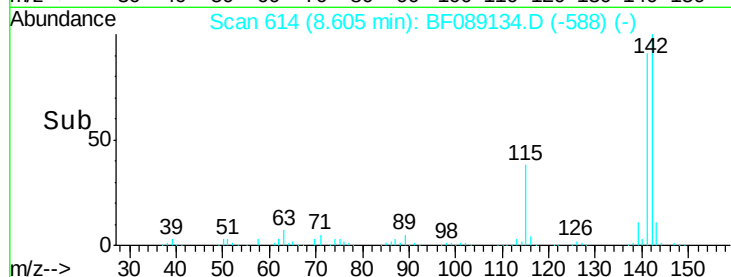
142 100

141 90.6 71.6 107.4

115 37.7 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: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

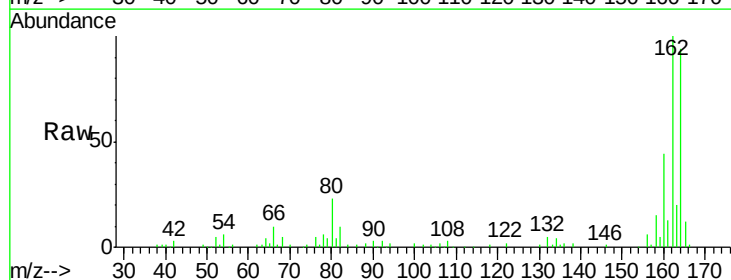
Tgt Ion:164 Resp: 98903

Ion Ratio Lower Upper

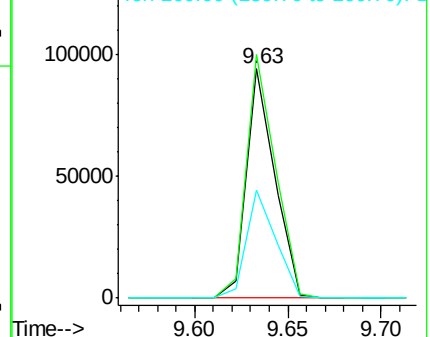
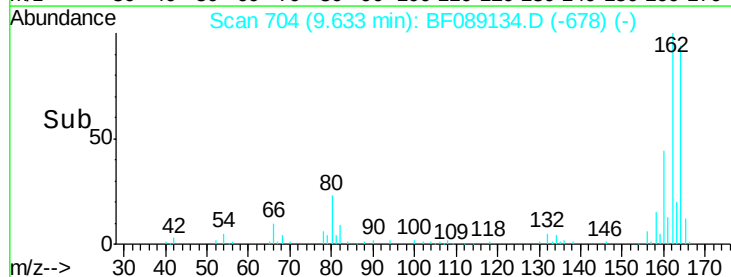
164 100

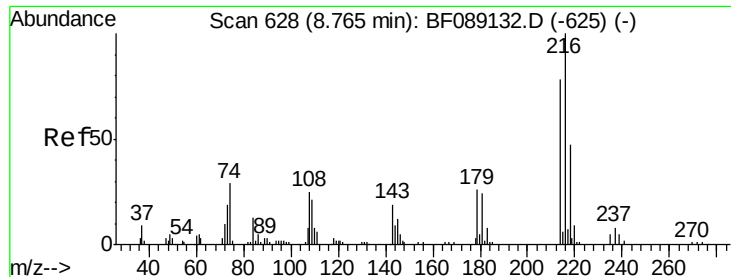
162 106.2 84.1 126.1

160 47.2 37.1 55.7



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

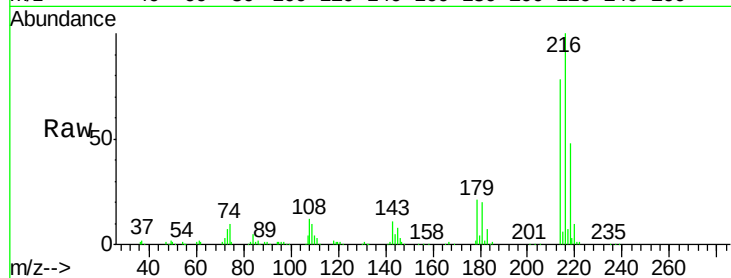




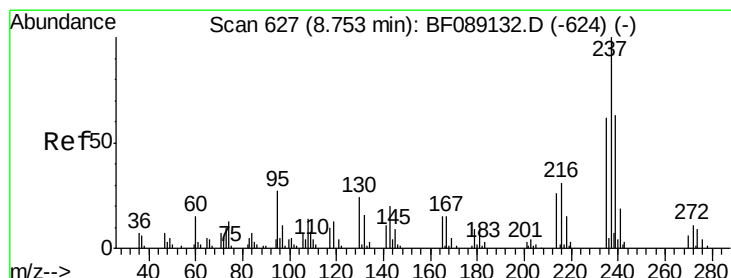
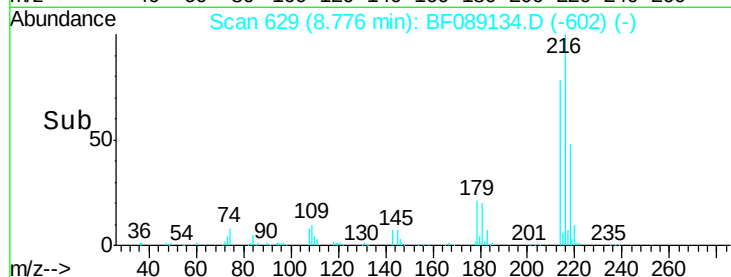
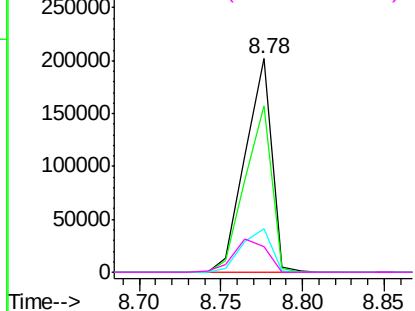
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 68.90 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	226689
Ion Ratio	Lower	Upper
216	100	
214	78.2	61.9 92.9
179	22.6	18.4 27.6
108	19.3	17.0 25.6

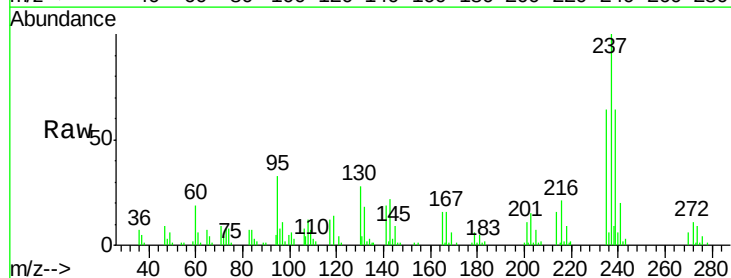


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

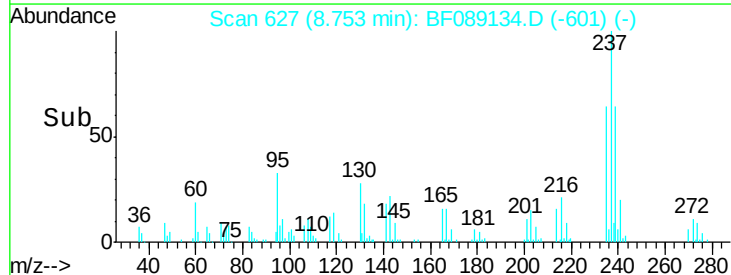
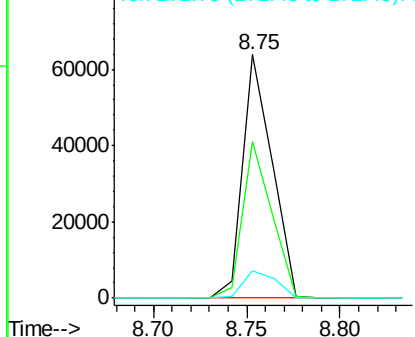


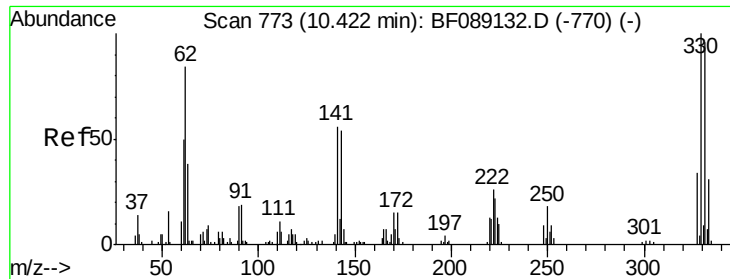
#40
 Hexachlorocyclopentadiene
 Concen: 45.62 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:237	Resp:	69946
Ion Ratio	Lower	Upper
237	100	
235	64.3	42.1 82.1
272	11.3	0.0 31.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

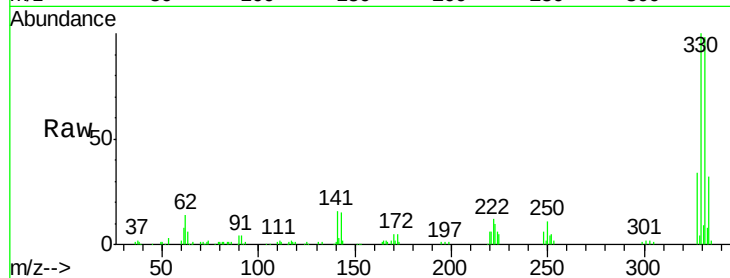




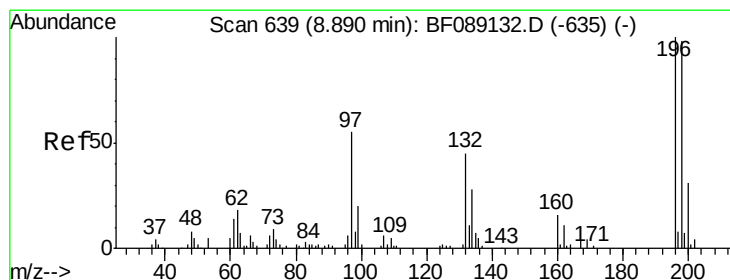
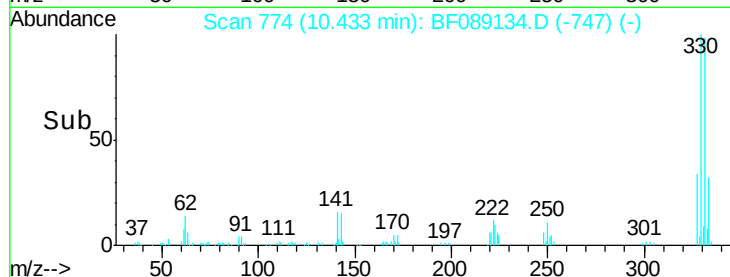
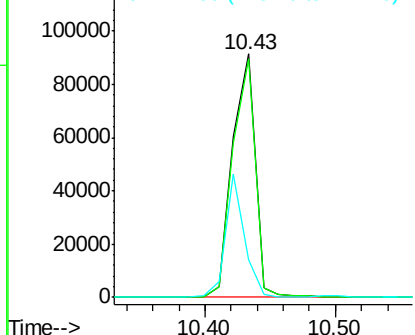
#41
 2,4,6-Tribromophenol
 Concen: 122.28 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 110426
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.2 115.8
 141 42.9 42.2 63.2

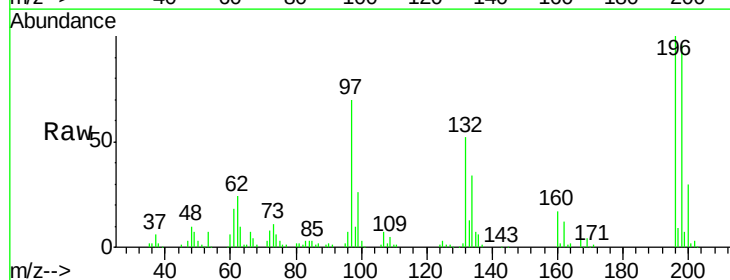


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

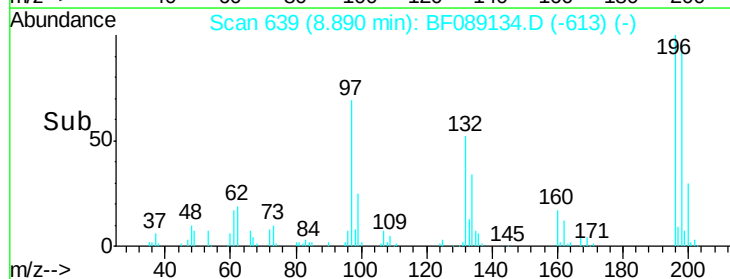
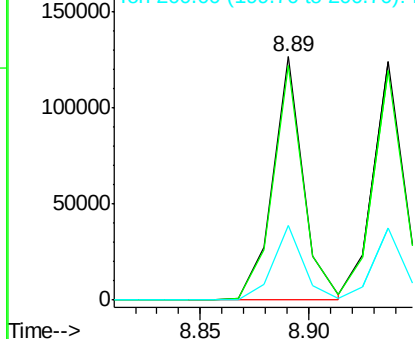


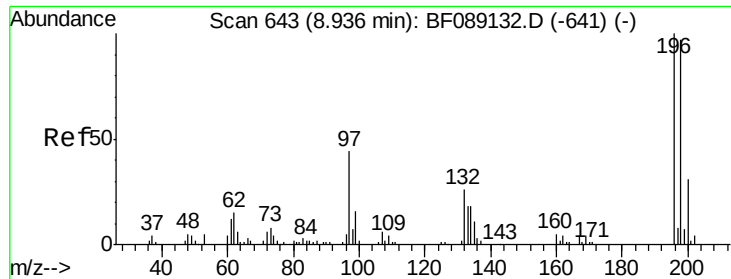
#42
 2,4,6-Trichlorophenol
 Concen: 57.00 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:196 Resp: 124615
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.3 117.5
 200 30.5 25.0 37.4



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

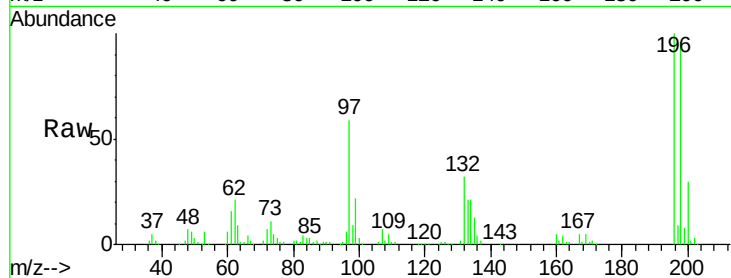




#43
 2,4,5-Trichlorophenol
 Concen: 67.24 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.6	116.4
97	58.6	36.5	54.7
132	31.7	21.2	31.8



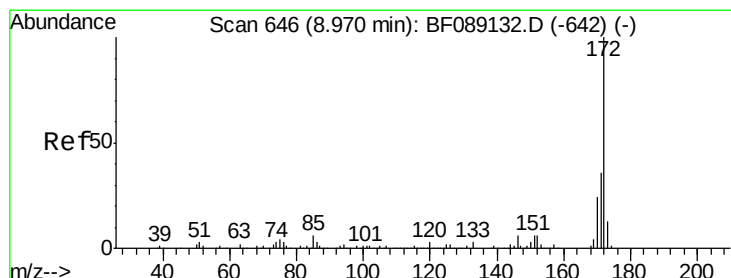
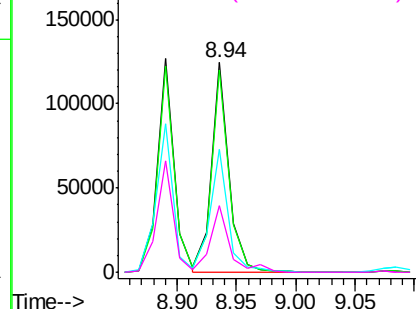
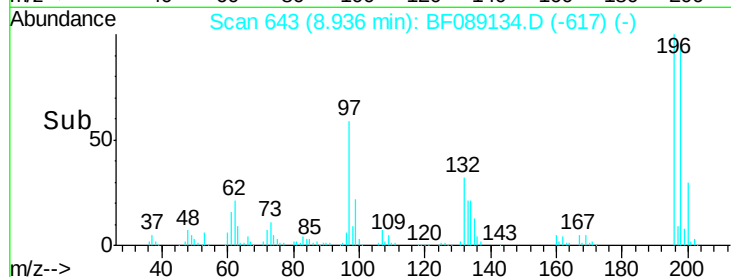
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

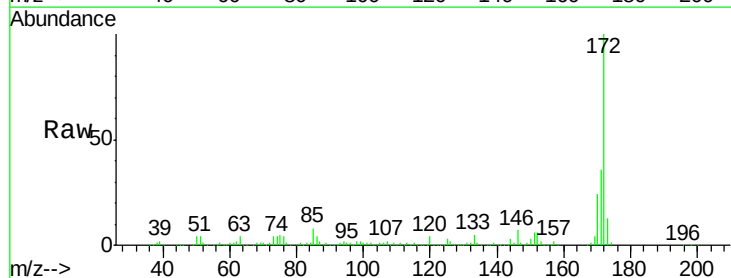
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.45 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.7	19.1	28.7

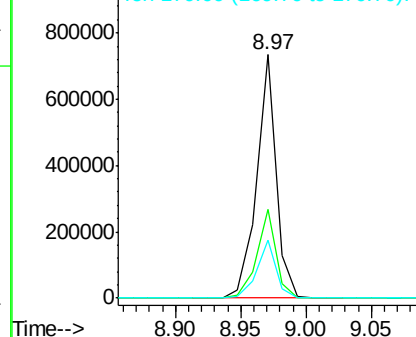
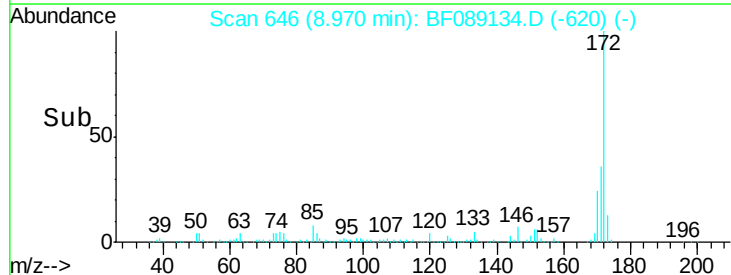


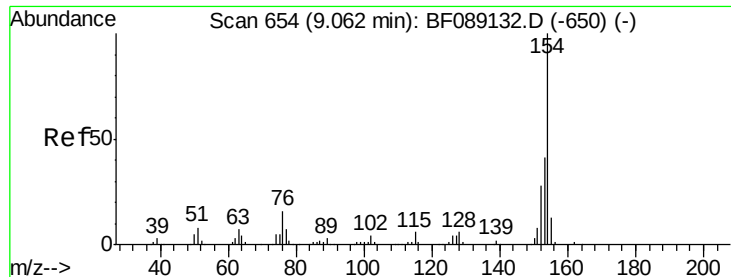
Abundance

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

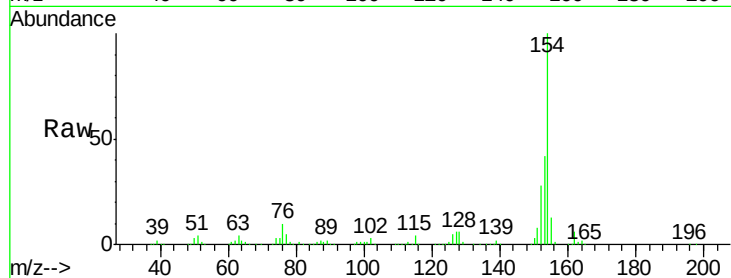




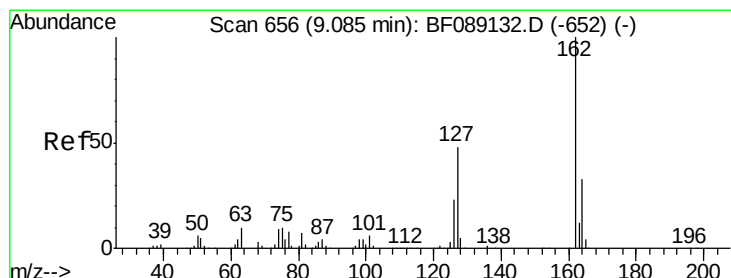
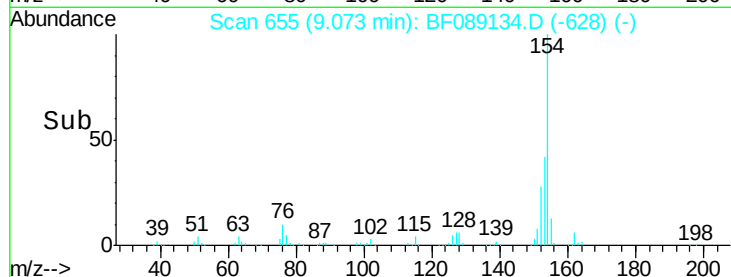
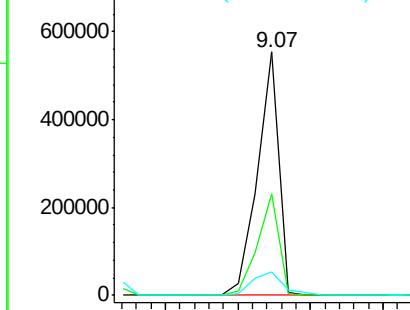
#45
 1,1'-Biphenyl
 Concen: 69.25 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.1	61.1
76	9.8	0.0	35.8

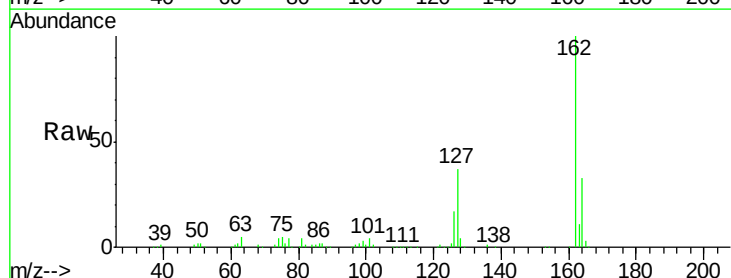


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

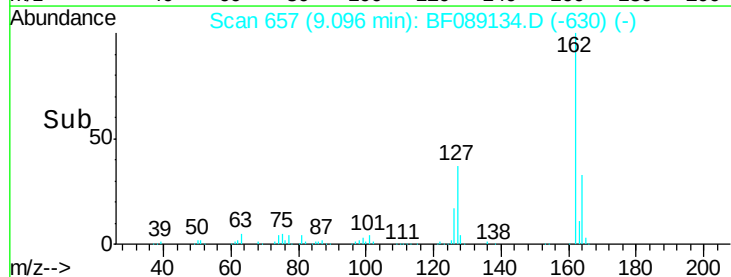
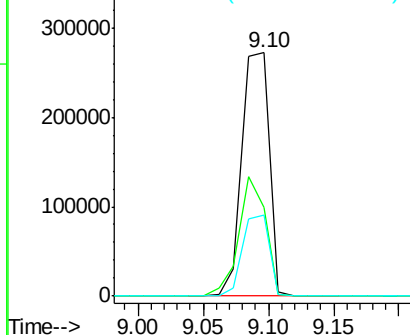


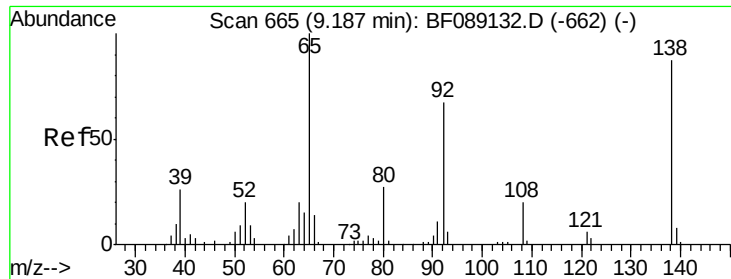
#46
 2-Chloronaphthalene
 Concen: 61.94 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	38.1	57.1#
164	33.4	26.1	39.1



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

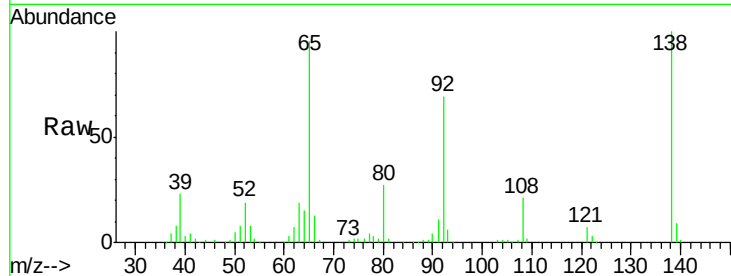




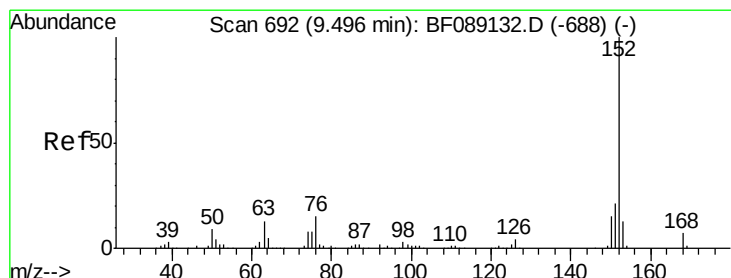
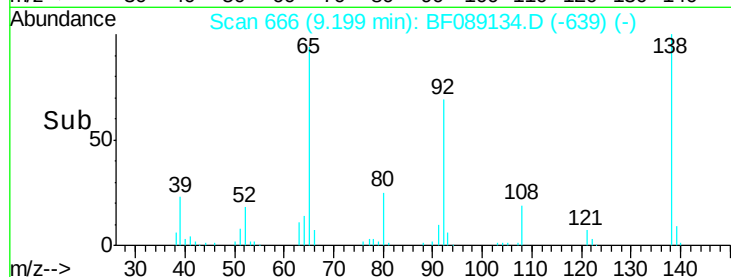
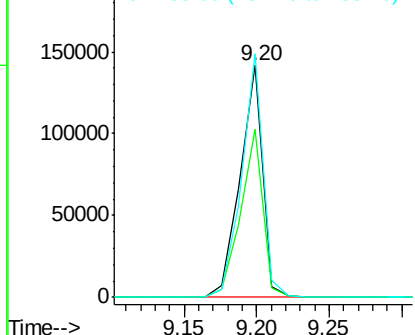
#47
2-Nitroaniline
Concen: 68.44 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 152764
Ion Ratio Lower Upper
65 100
92 72.6 53.2 79.8
138 105.1 69.4 104.2#

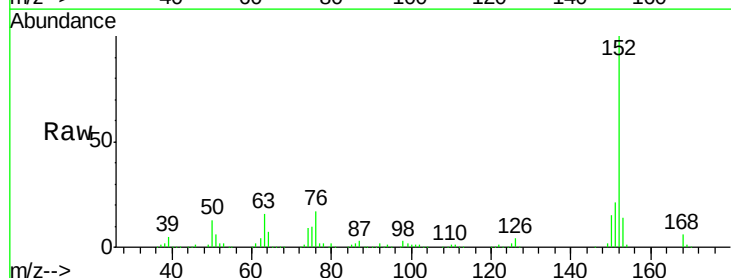


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

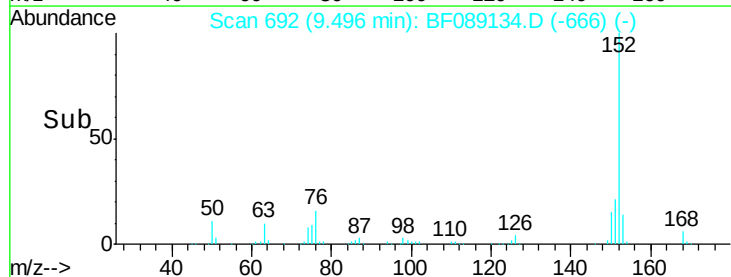
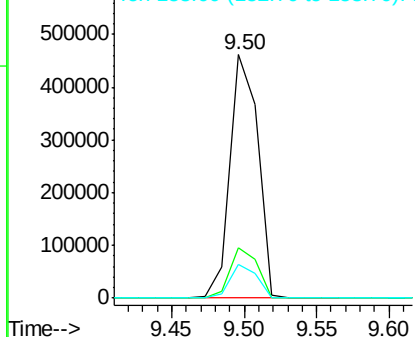


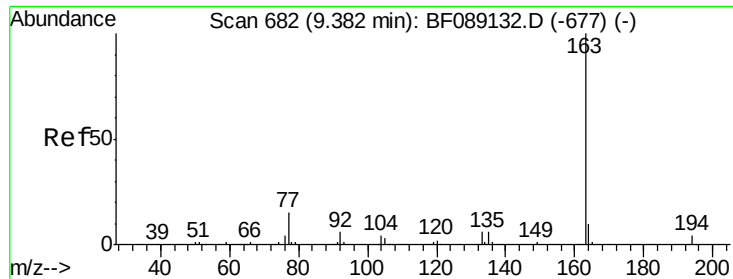
#48
Acenaphthylene
Concen: 60.28 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion: 152 Resp: 614942
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

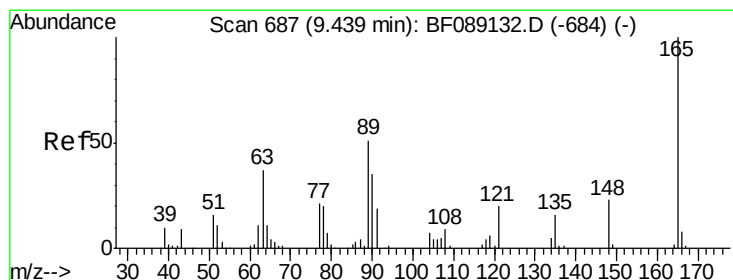
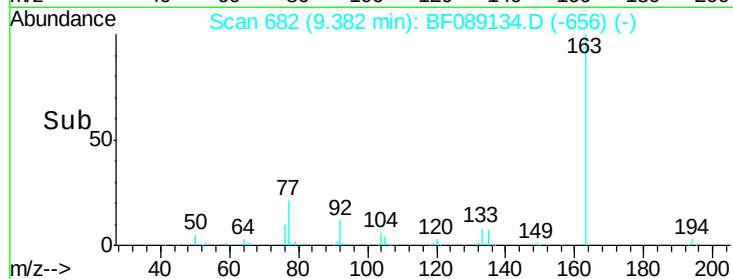
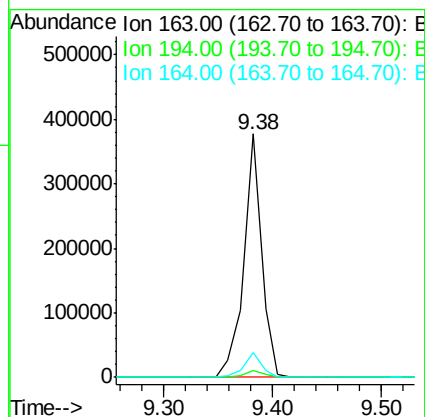
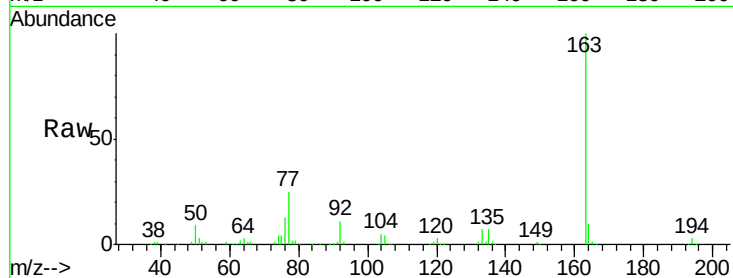




#49
Dimethylphthalate
Concen: 58.81 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

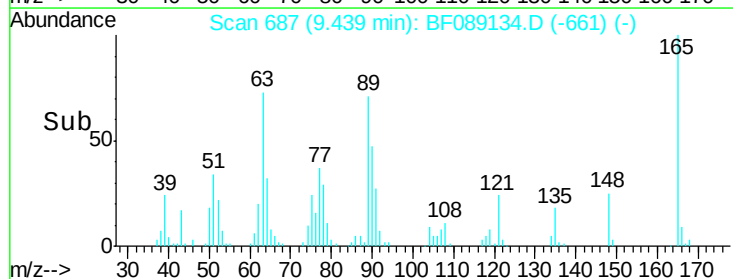
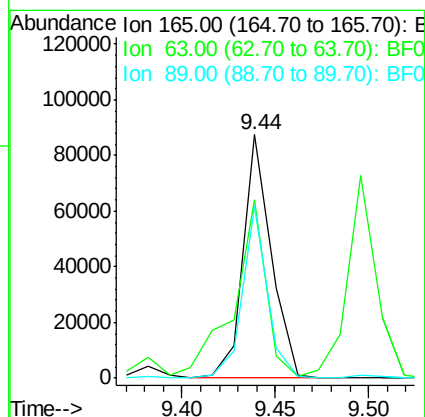
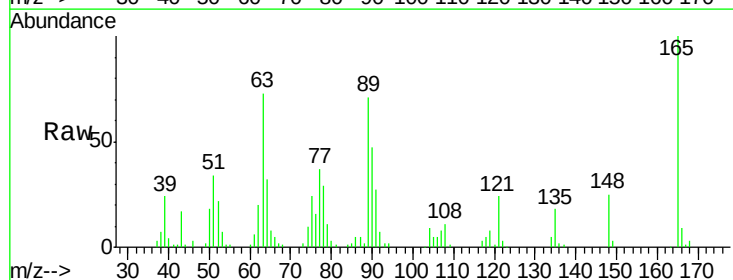
Instrument :
BNA_F
ClientSampled :

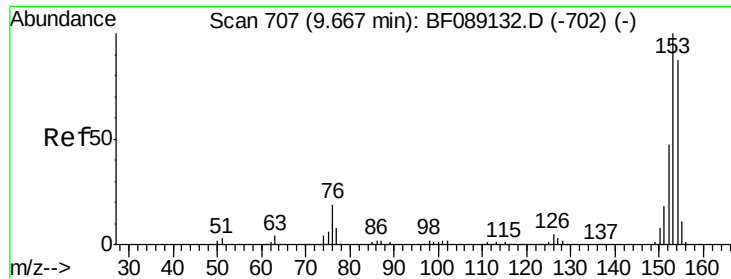
Tot Ion:163 Resp: 425780
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.2 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 56.66 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:165 Resp: 91419
Ion Ratio Lower Upper
165 100
63 73.1 37.0 55.4#
89 70.8 40.9 61.3#

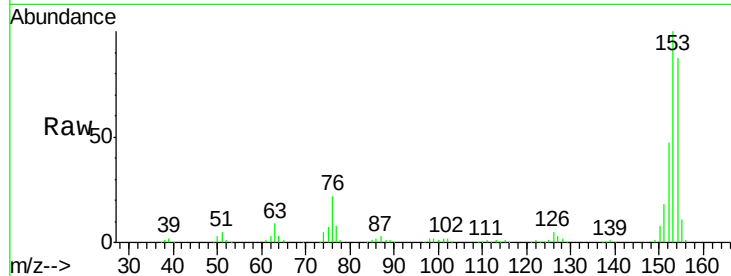




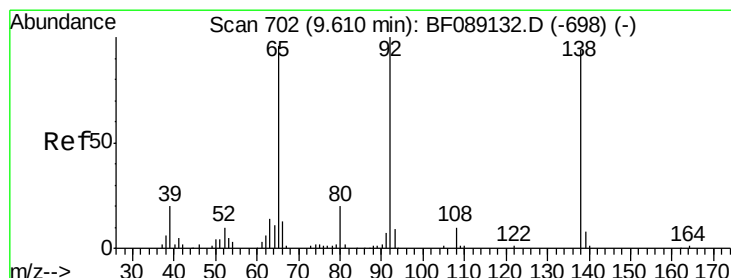
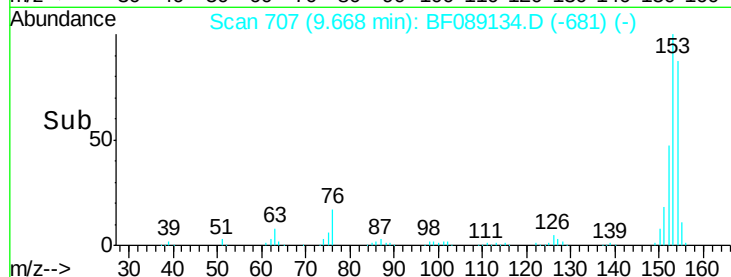
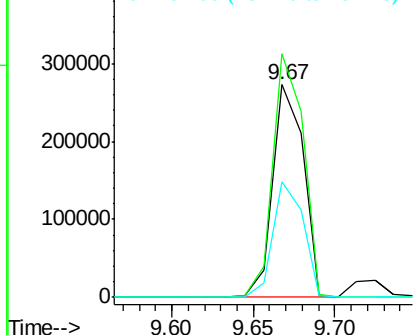
#51
Acenaphthene
Concen: 57.19 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 359046
Ion Ratio Lower Upper
154 100
153 114.6 91.9 137.9
152 54.4 42.8 64.2

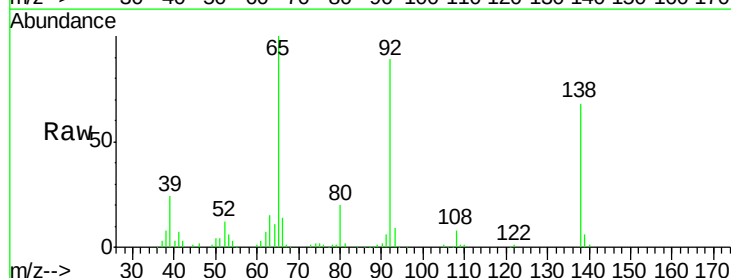


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

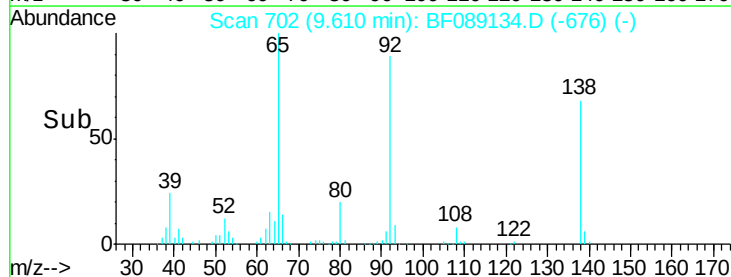
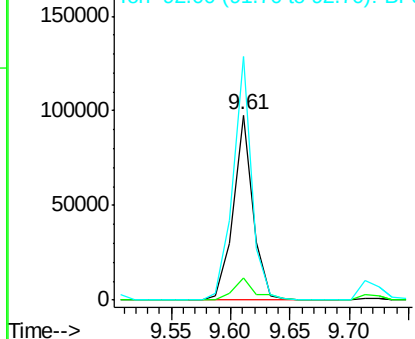


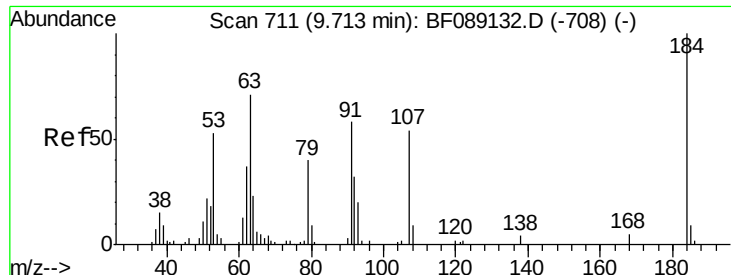
#52
3-Nitroaniline
Concen: 57.12 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:138 Resp: 112703
Ion Ratio Lower Upper
138 100
108 12.0 8.8 13.2
92 131.6 85.3 127.9#



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

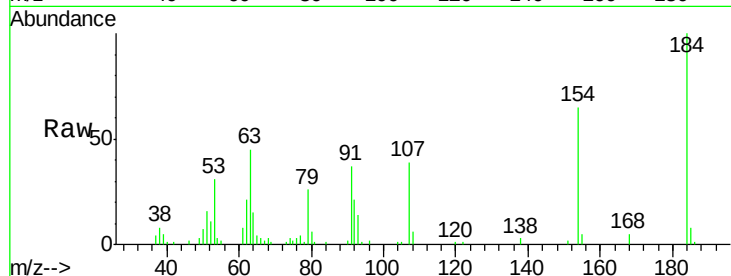




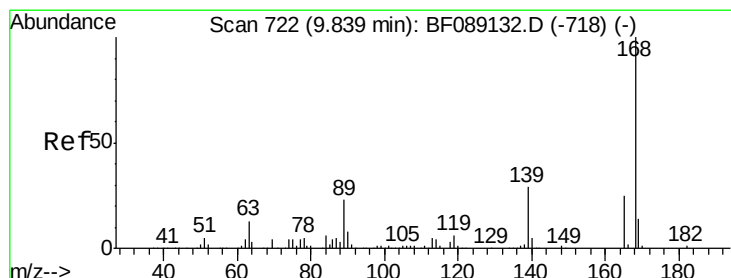
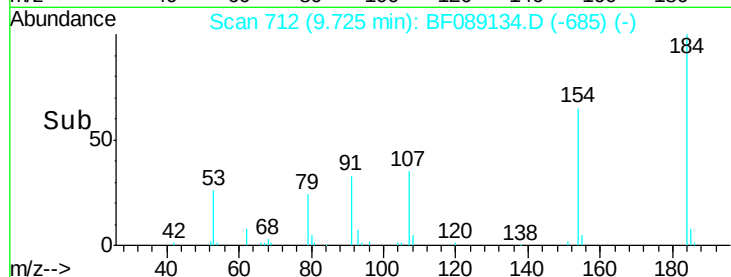
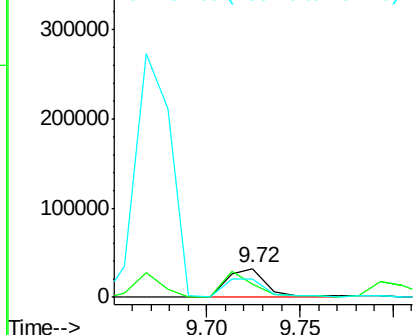
#53
 2,4-Dinitrophenol
 Concen: 68.10 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 47902
 Ion Ratio Lower Upper
 184 100
 63 44.8 60.3 90.5#
 154 64.8 60.7 91.1

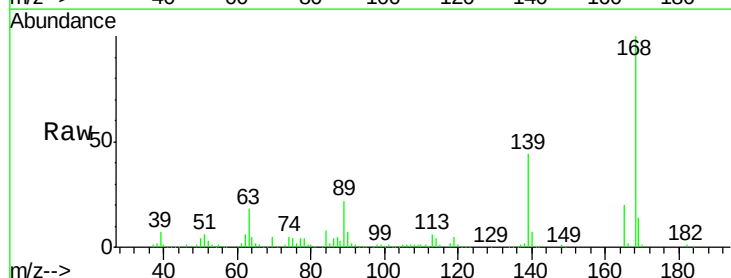


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

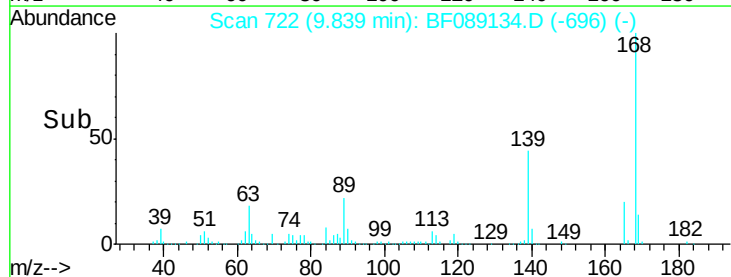
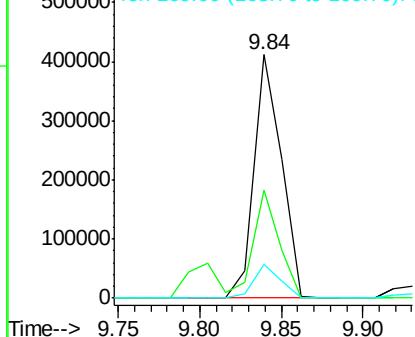


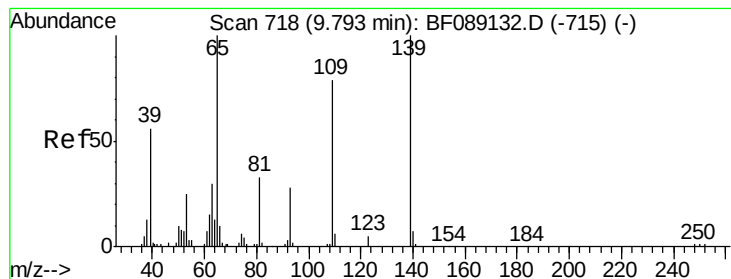
#54
 Dibenzofuran
 Concen: 58.04 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:168 Resp: 477573
 Ion Ratio Lower Upper
 168 100
 139 44.3 34.4 51.6
 169 13.7 10.8 16.2



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: 190.48 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.05 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampled :

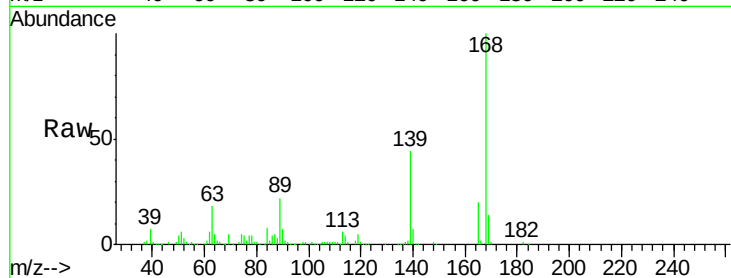
Tot Ion:139 Resp: 278316

Ion Ratio Lower Upper

139 100

109 1.8 58.7 98.7#

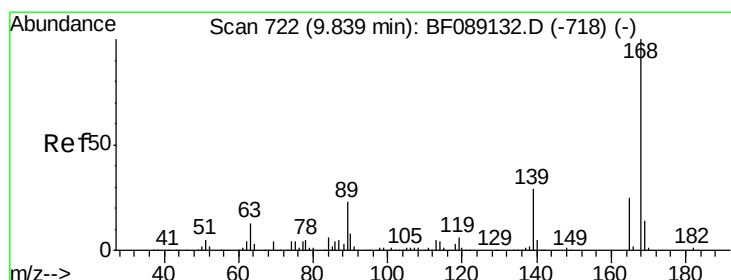
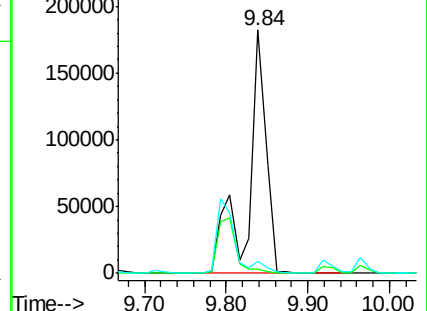
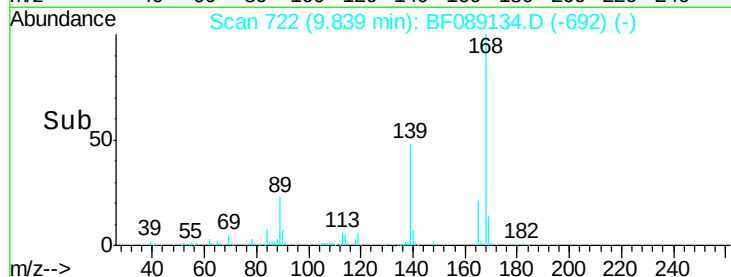
65 4.8 80.2 120.2#



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: 63.95 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Tgt Ion:165 Resp: 132902

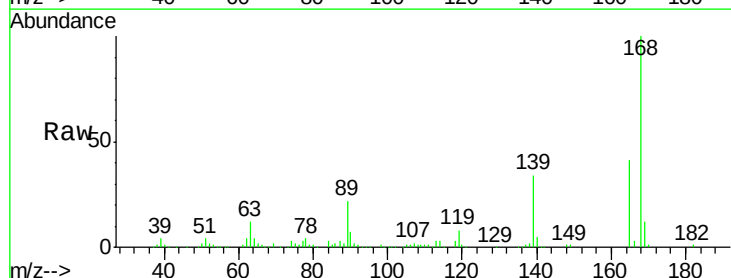
Ion Ratio Lower Upper

165 100

63 30.0 55.4 83.2#

89 53.5 74.3 111.5#

182 2.7 2.0 3.0

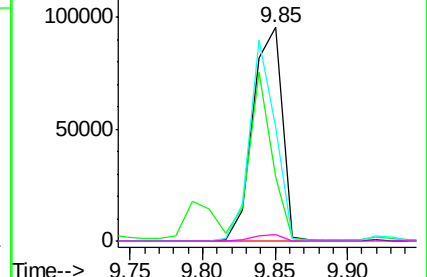
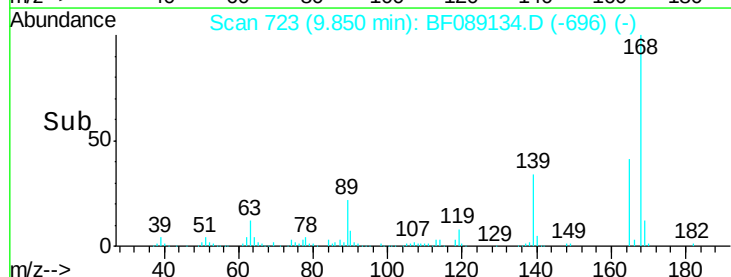


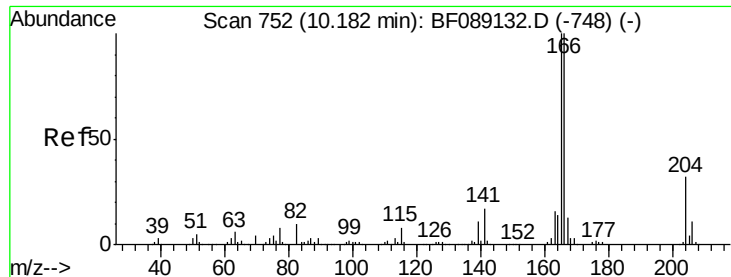
Abundance Ion 165.00 (164.70 to 165.70): E

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

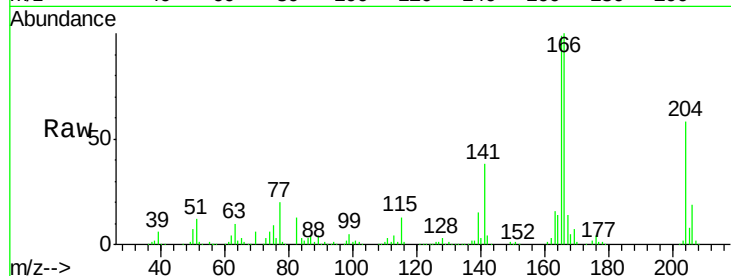




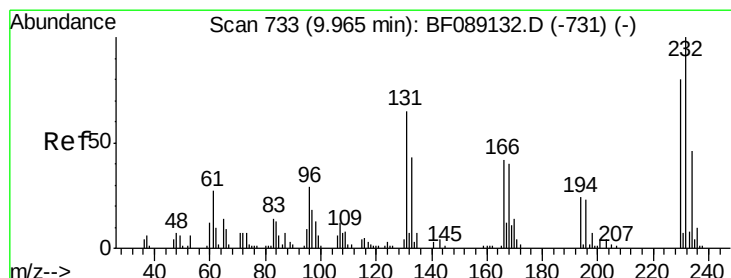
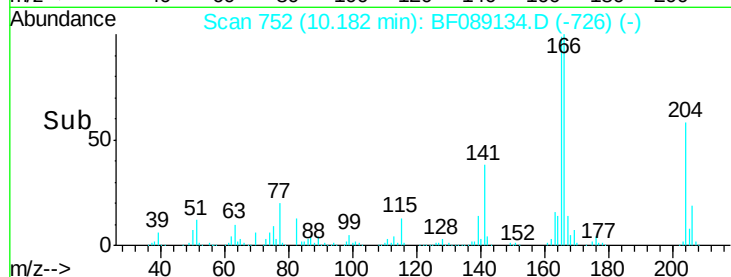
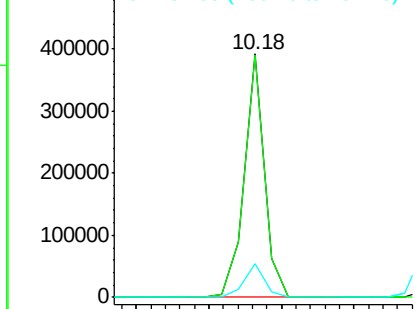
#57
 Fluorene
 Concen: 57.54 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 377560
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.9 119.9
 167 13.7 10.7 16.1

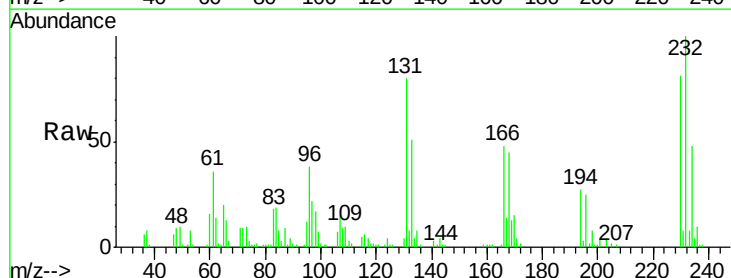


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

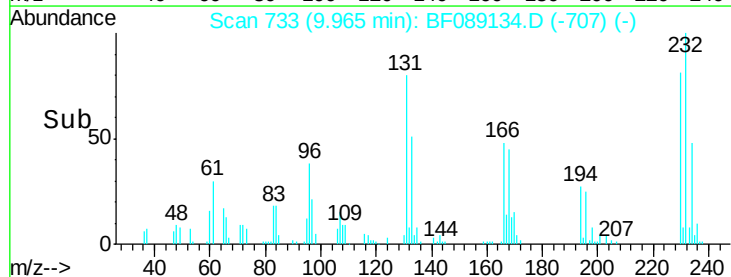
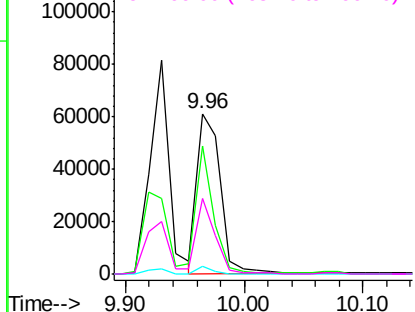


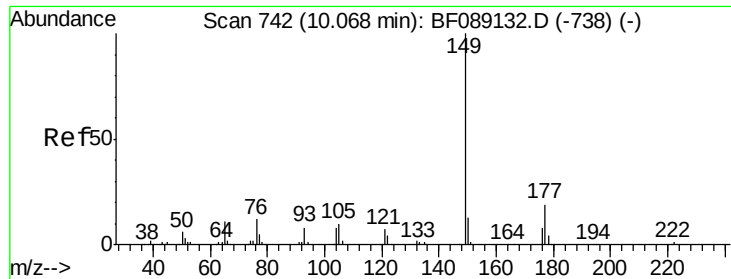
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.19 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:232 Resp: 84498
 Ion Ratio Lower Upper
 232 100
 131 62.2 46.2 69.2
 130 3.0 2.3 3.5
 166 39.3 29.5 44.3



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

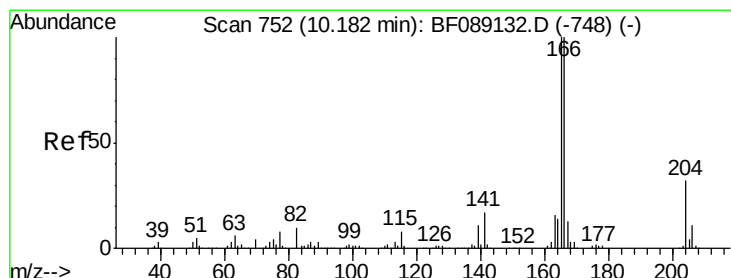
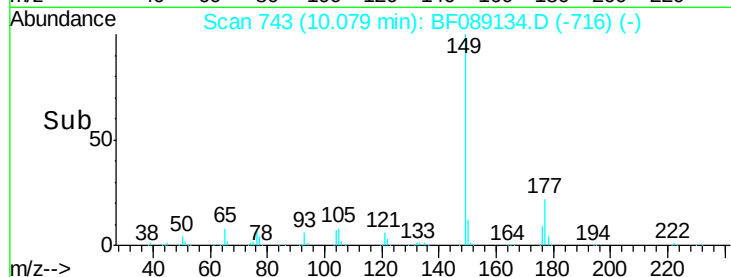
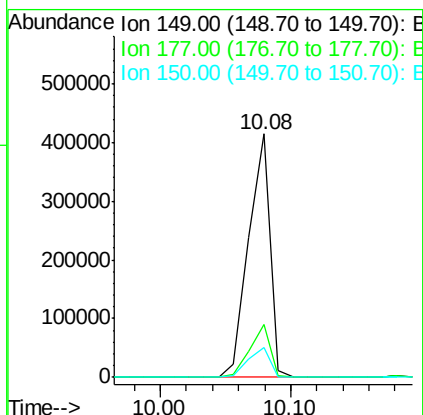
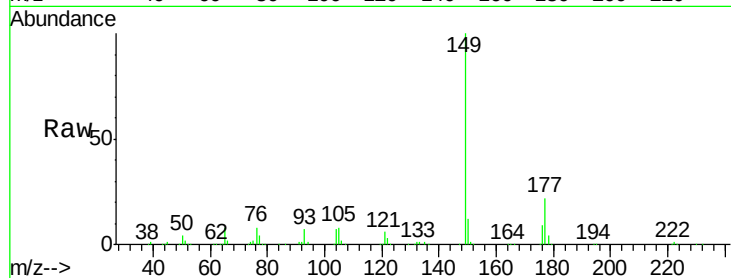




#59
Diethylphthalate
Concen: 66.95 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

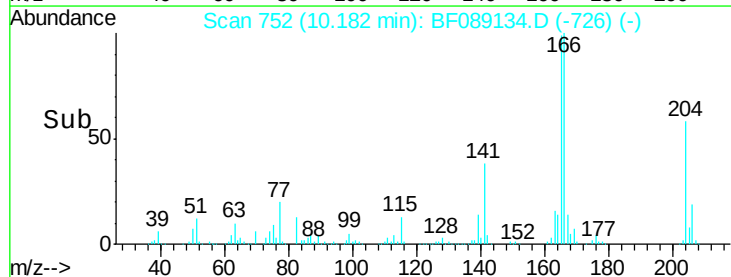
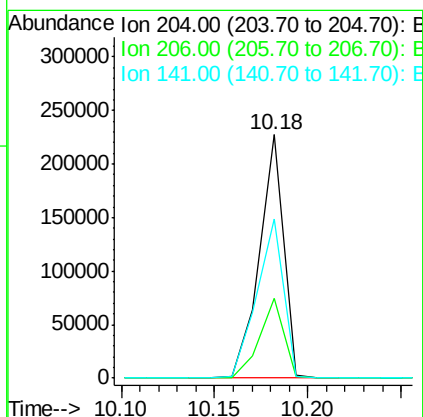
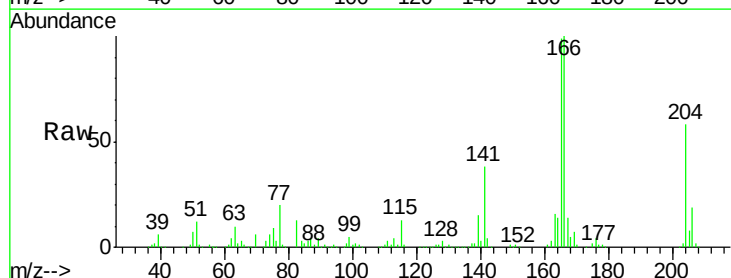
Instrument :
BNA_F
ClientSampled :

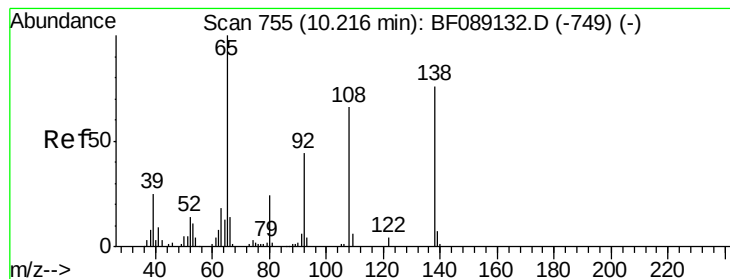
Tot Ion:149 Resp: 474593
Ion Ratio Lower Upper
149 100
177 21.6 15.6 23.4
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 67.47 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:204 Resp: 202665
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 65.4 42.2 63.4#





#61

4-Nitroaniline

Concen: 60.07 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampled :

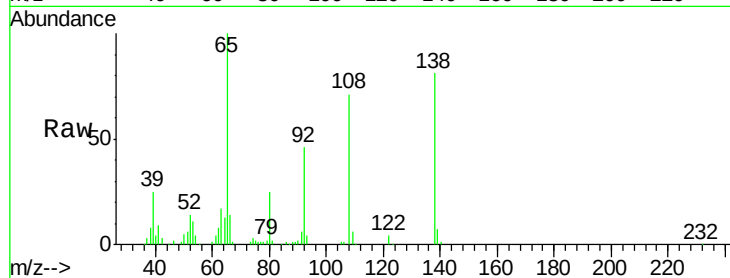
Tot Ion:138 Resp: 116236

Ion Ratio Lower Upper

138 100

92 56.6 37.2 77.2

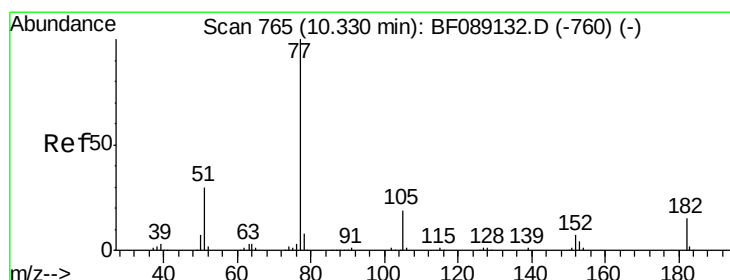
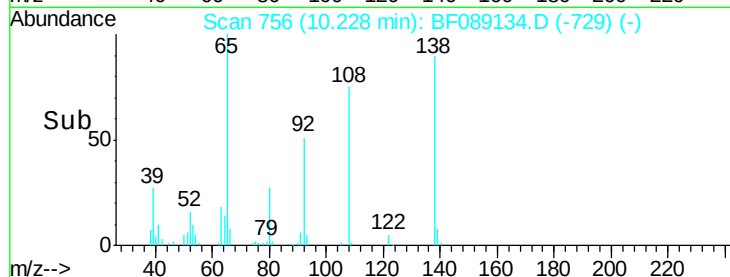
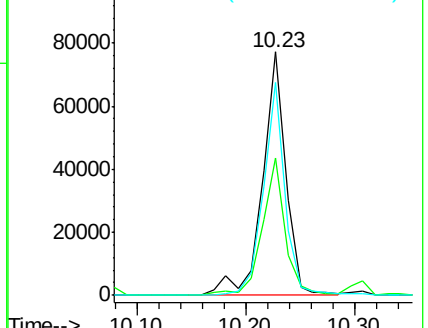
108 87.2 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 63.51 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Tgt Ion: 77 Resp: 510976

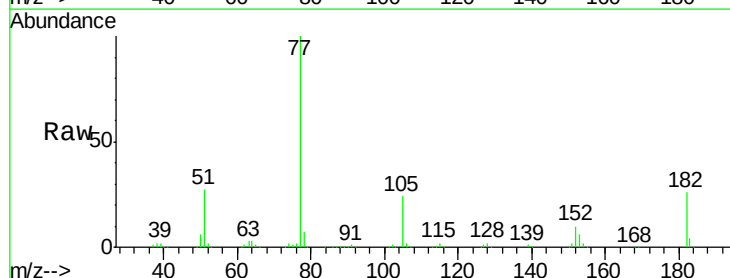
Ion Ratio Lower Upper

77 100

182 26.1 0.0 35.0

105 23.8 0.0 39.4

51 27.1 10.7 50.7

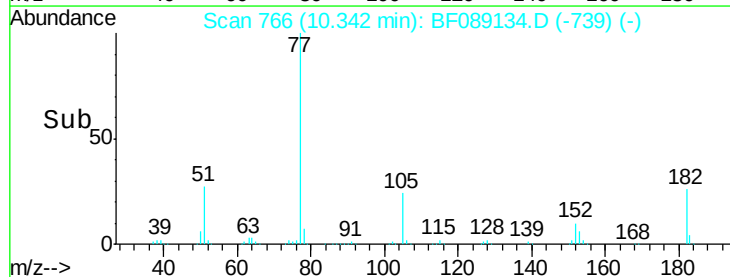
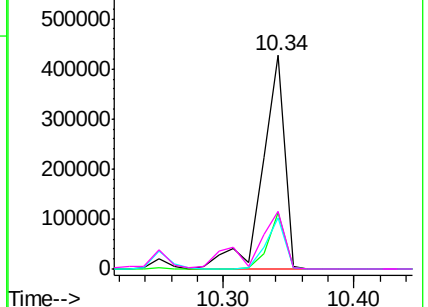


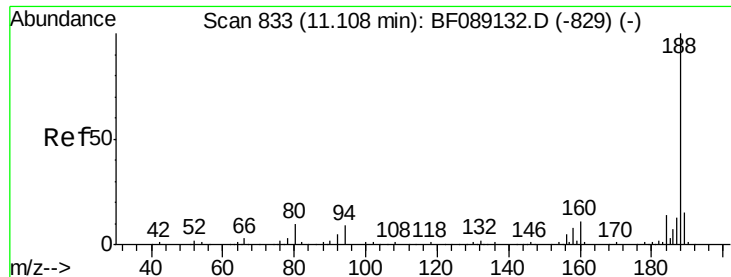
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

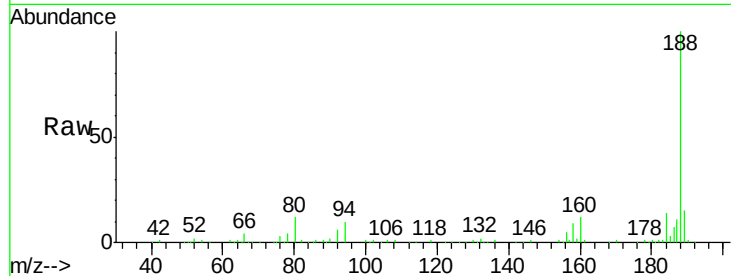




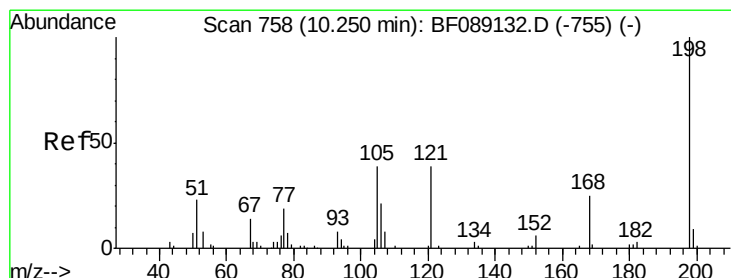
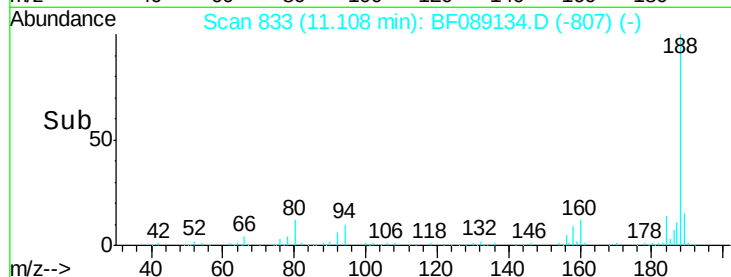
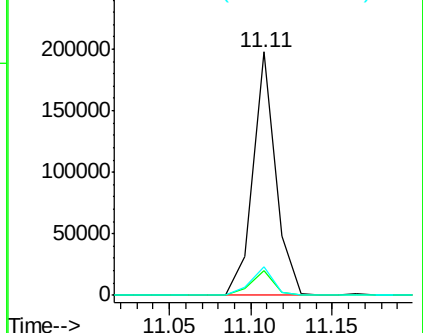
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 191681
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 11.5 7.7 11.5

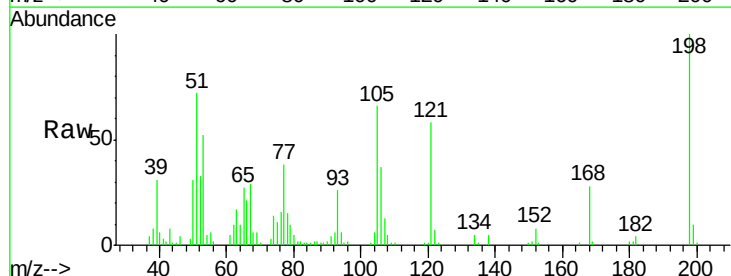


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

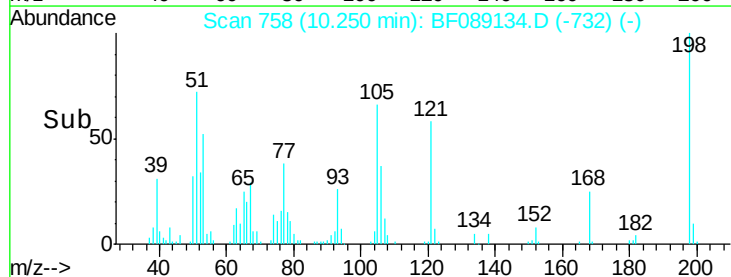
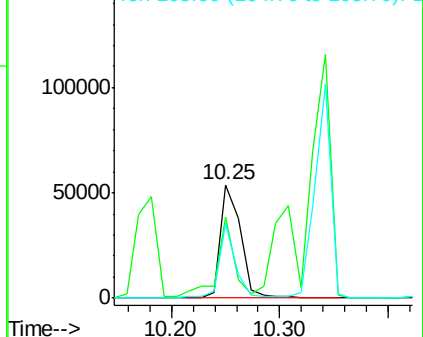


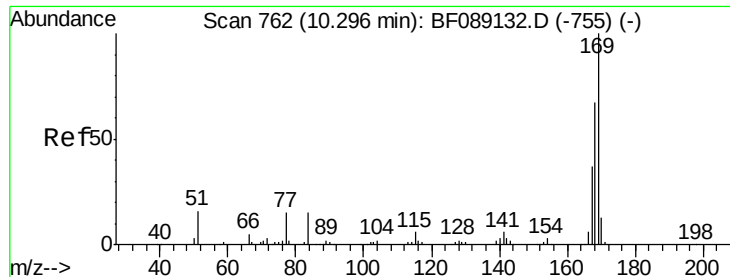
#64
4,6-Dinitro-2-methylphenol
Concen: 67.74 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:198 Resp: 69998
Ion Ratio Lower Upper
198 100
51 71.9 11.7 51.7#
105 65.7 20.3 60.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 65.64 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

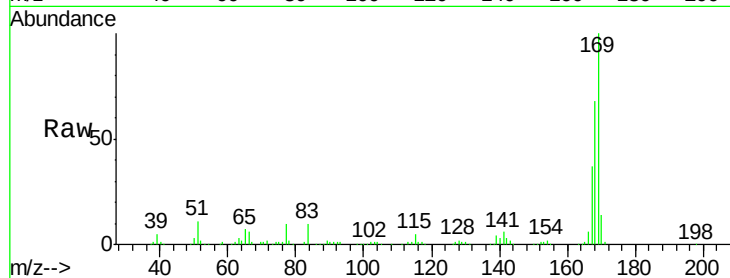
Tot Ion:169 Resp: 418558

Ion Ratio Lower Upper

169 100

168 68.3 53.4 80.0

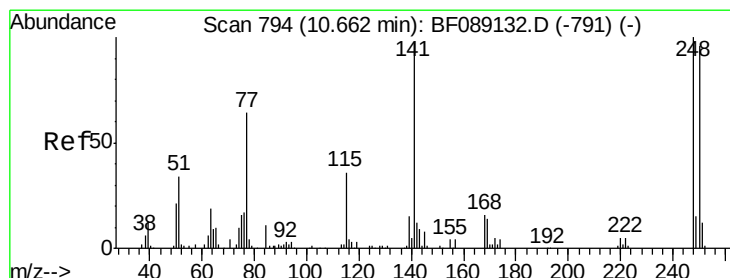
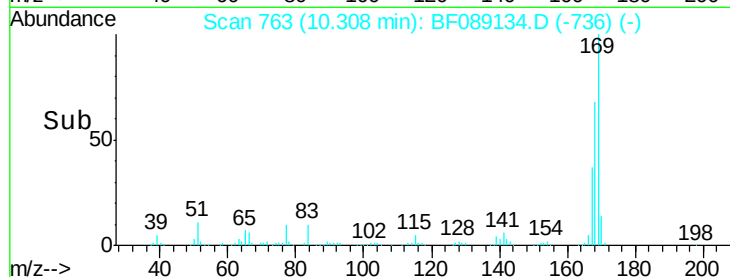
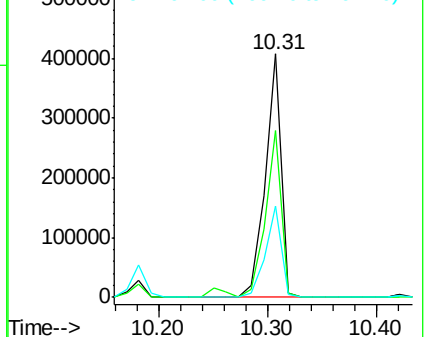
167 37.4 29.5 44.3



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: 54.14 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

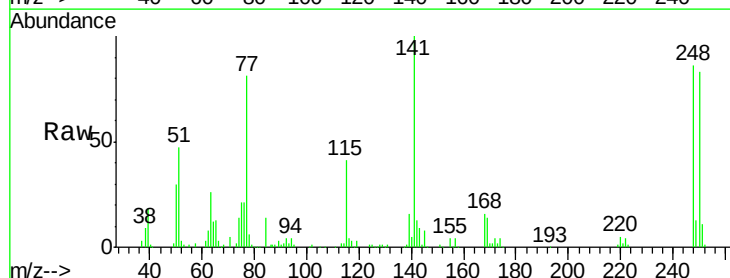
Tgt Ion:248 Resp: 104494

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

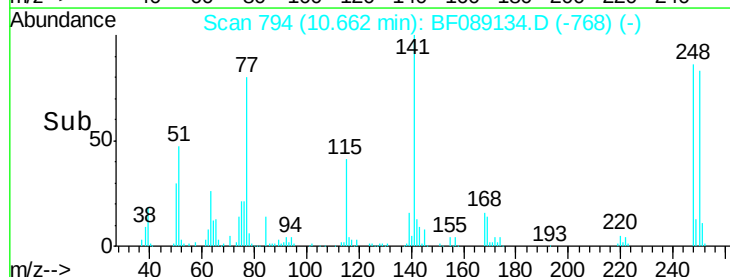
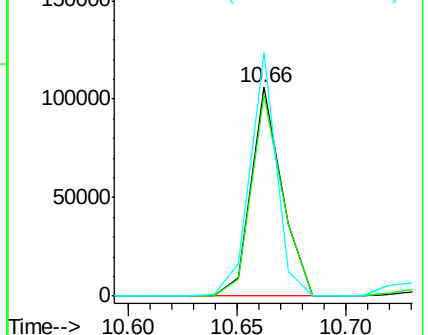
141 116.7 77.4 116.2#

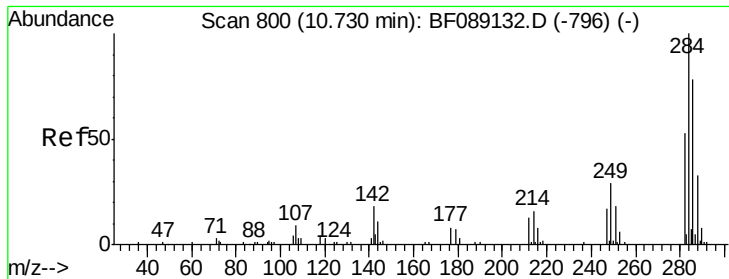


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 60.86 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

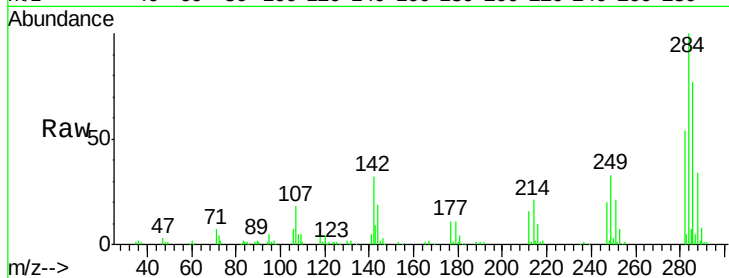
Tot Ion:284 Resp: 128126

Ion Ratio Lower Upper

284 100

142 32.2 14.1 21.1#

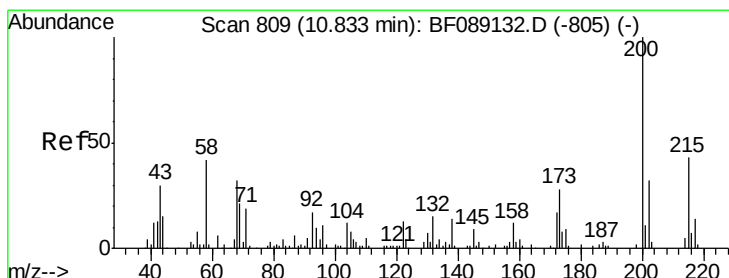
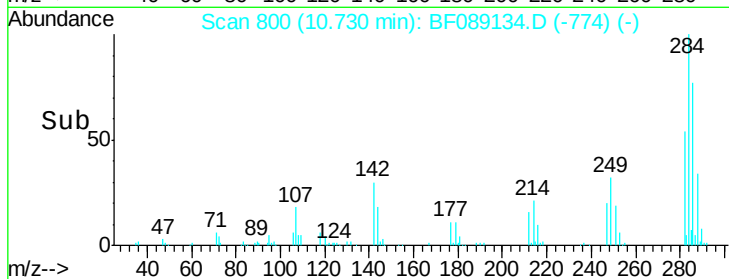
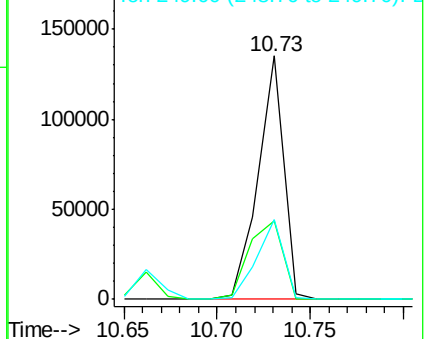
249 32.9 23.0 34.4



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: 57.49 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

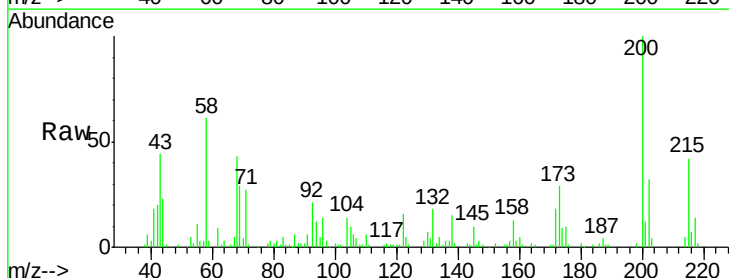
Tgt Ion:200 Resp: 115230

Ion Ratio Lower Upper

200 100

173 28.7 7.8 47.8

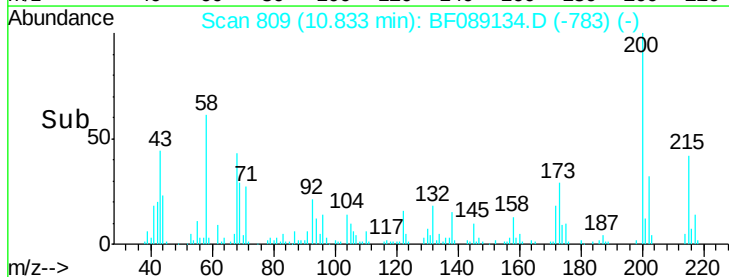
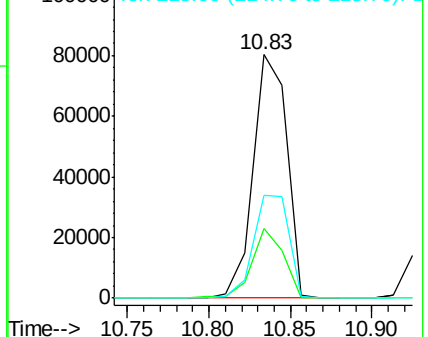
215 42.3 22.9 62.9

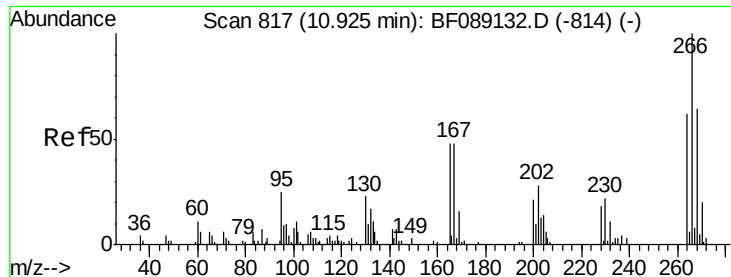


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

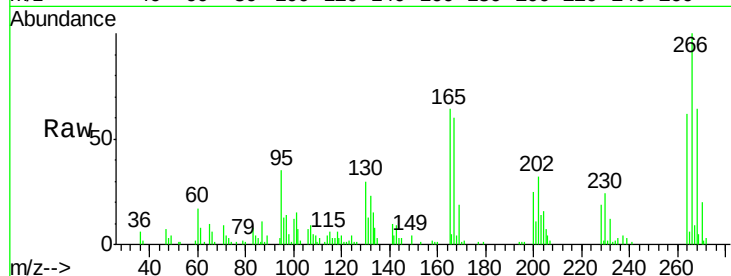




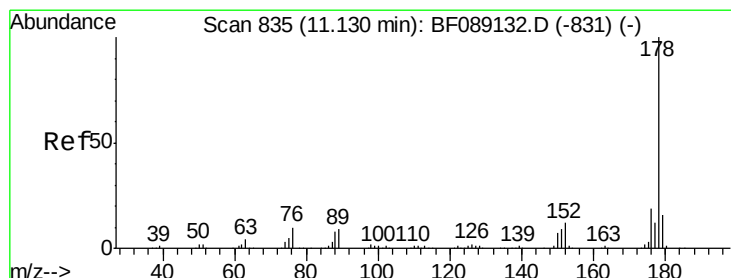
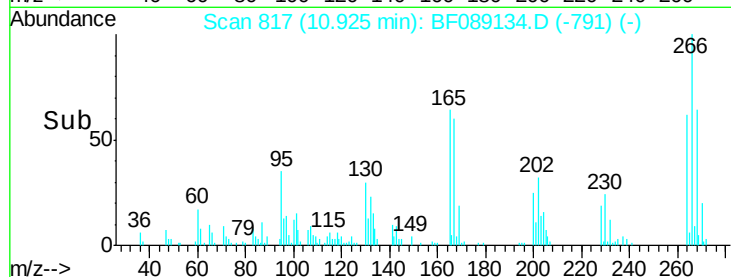
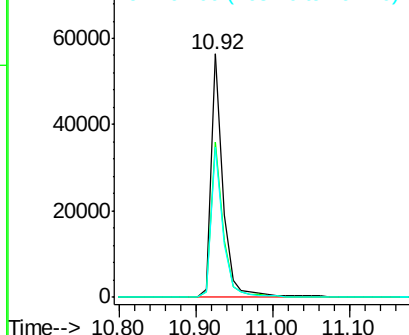
#69
 Pentachlorophenol
 Concen: 49.84 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 60507
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 61.7 49.7 74.5

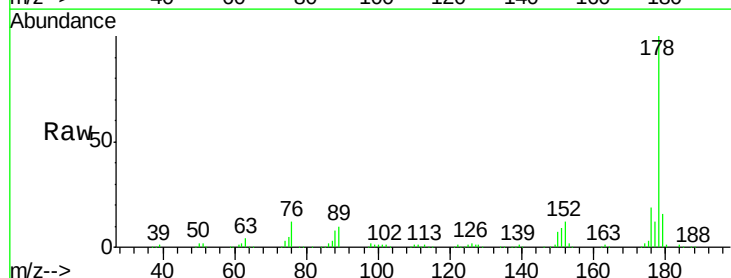


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

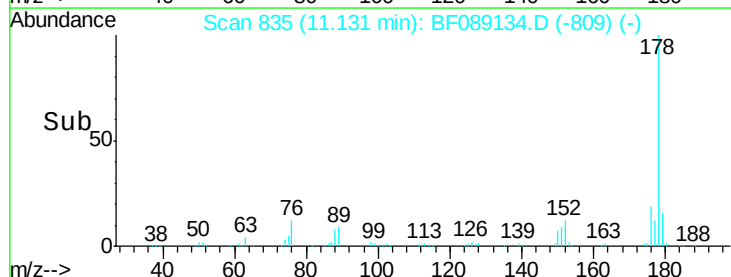
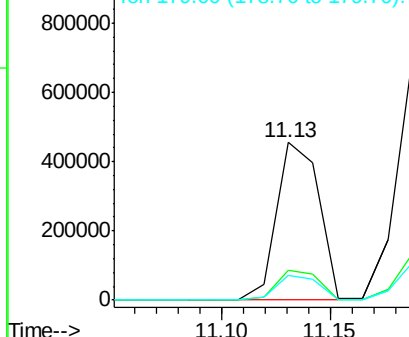


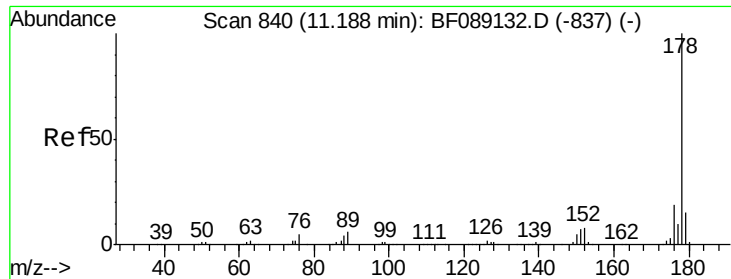
#70
 Phenanthrene
 Concen: 59.29 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:178 Resp: 619209
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.6 12.4 18.6



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

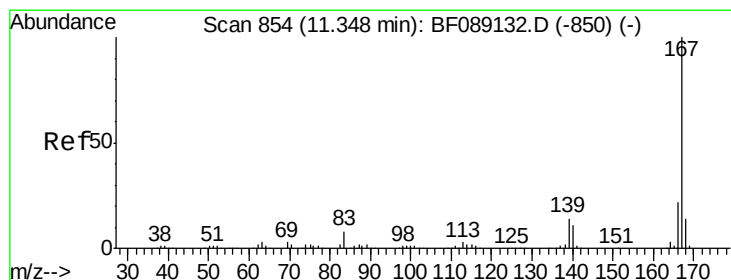
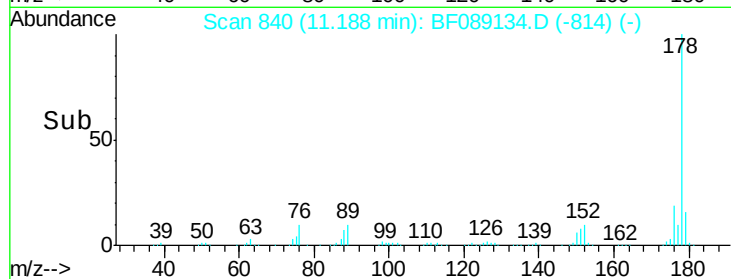
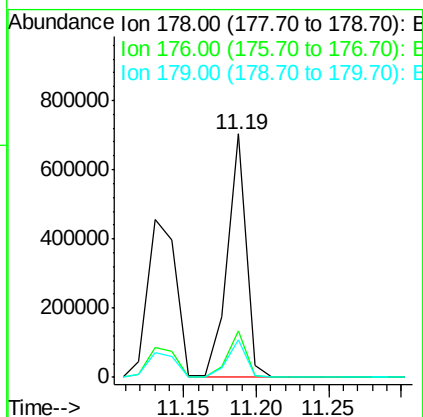
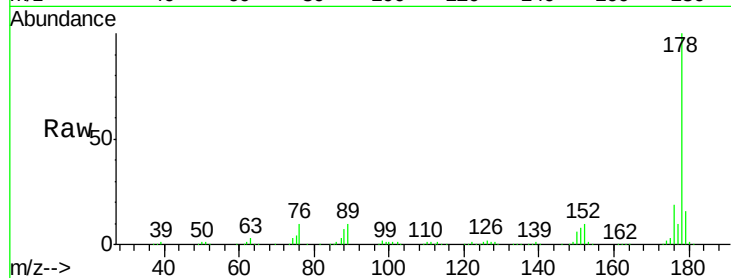




#71
 Anthracene
 Concen: 60.23 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

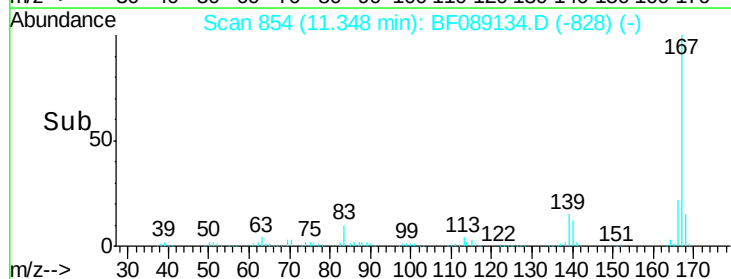
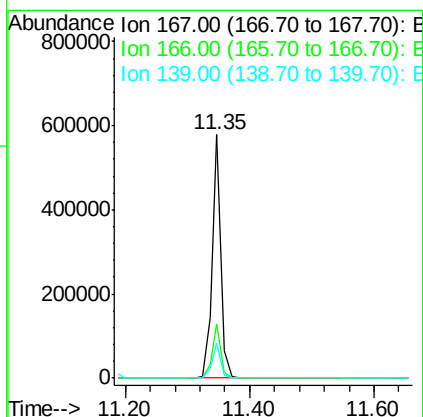
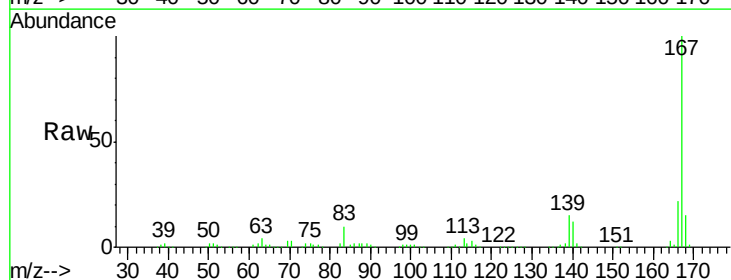
Instrument :
 BNA_F
 ClientSampled :

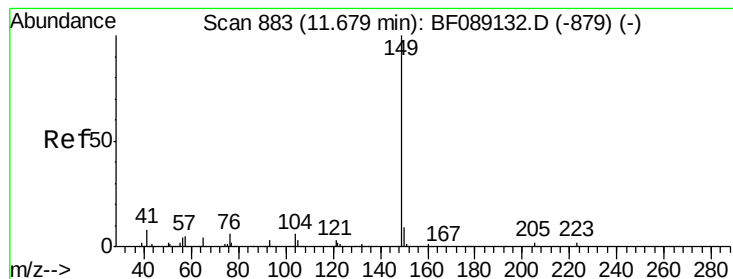
Tot Ion:178 Resp: 632094
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.9 22.3
 179 15.6 12.0 18.0



#72
 Carbazole
 Concen: 54.84 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:167 Resp: 547147
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.6 11.0 16.4





#73

Di-n-butylphthalate

Concen: 62.38 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

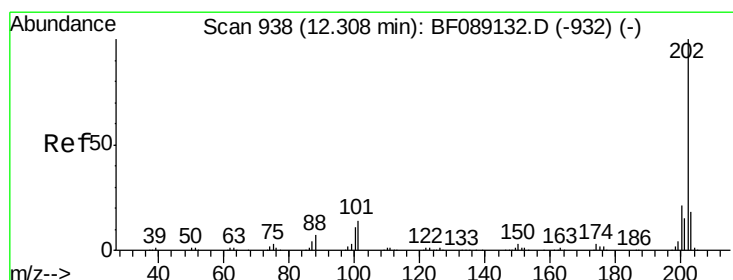
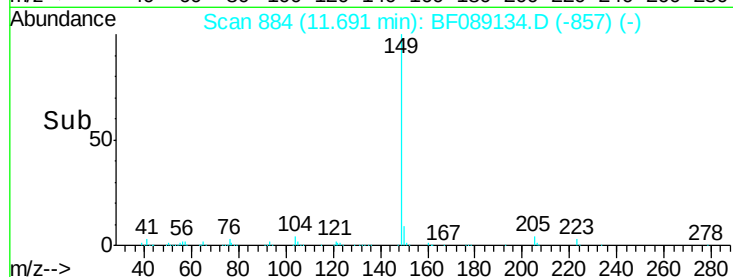
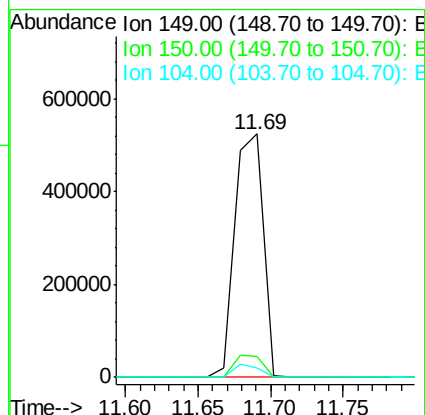
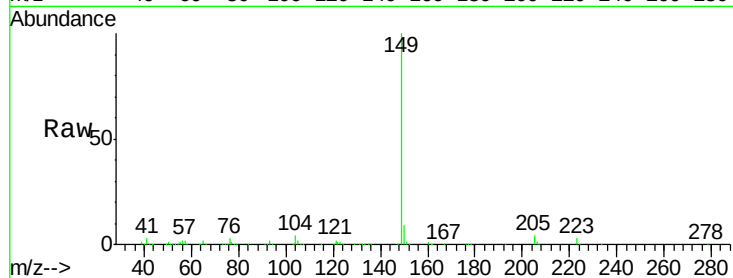
Tot Ion:149 Resp: 711165

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 4.0 4.6 6.8#



#74

Fluoranthene

Concen: 61.07 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

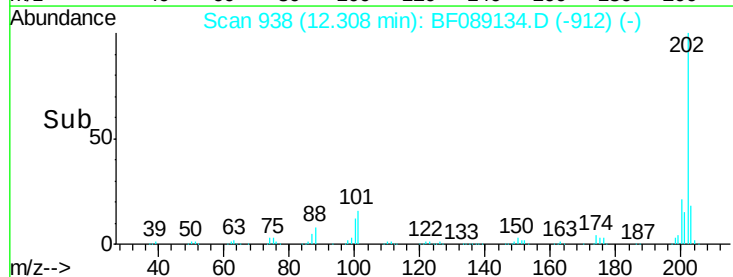
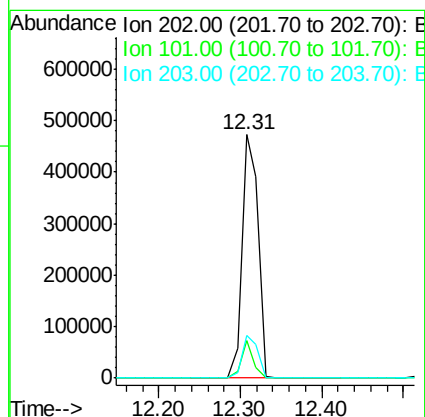
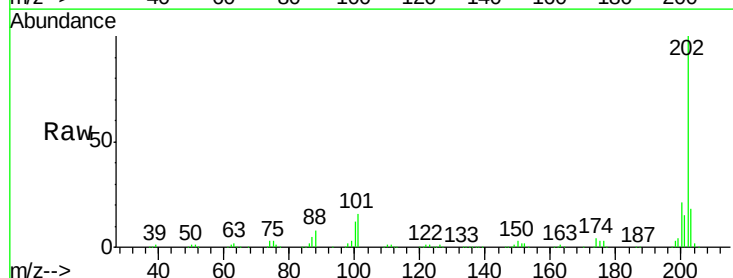
Tgt Ion:202 Resp: 638701

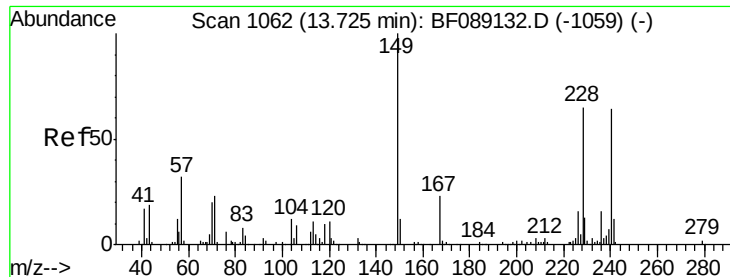
Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.0

203 17.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF089134.D

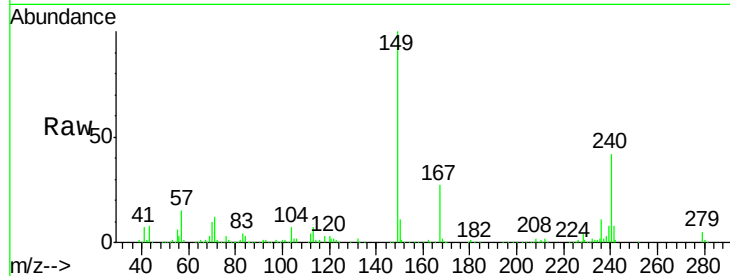
Acq: 20 Jul 2016 14:31

Instrument :

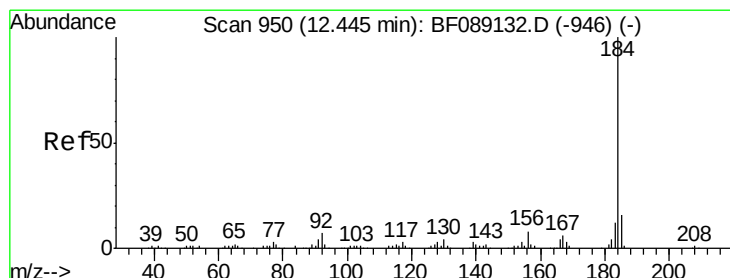
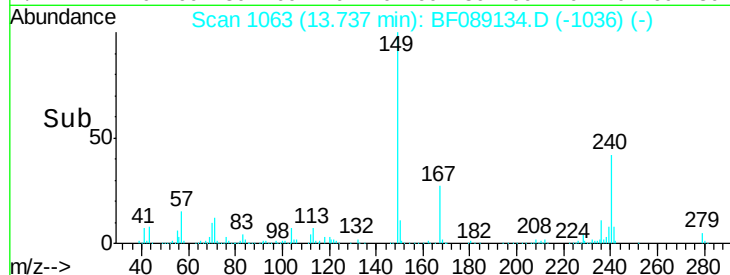
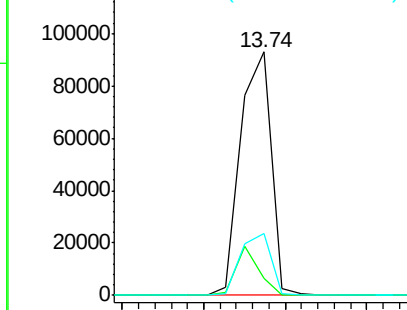
BNA_F

ClientSampleId :

Tot Ion:	240	Resp:	120553
Ion	Ratio	Lower	Upper
240	100		
120	6.8	13.6	20.4#
236	25.3	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.17 ng

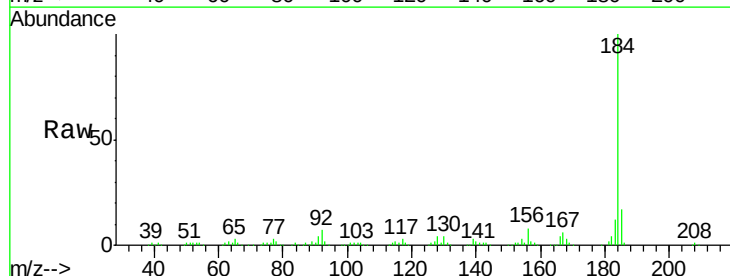
RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

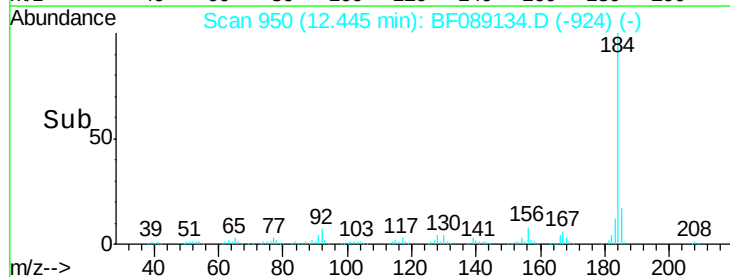
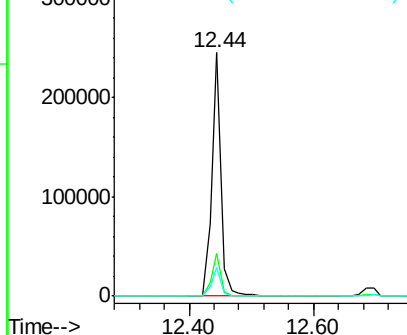
Lab File: BF089134.D

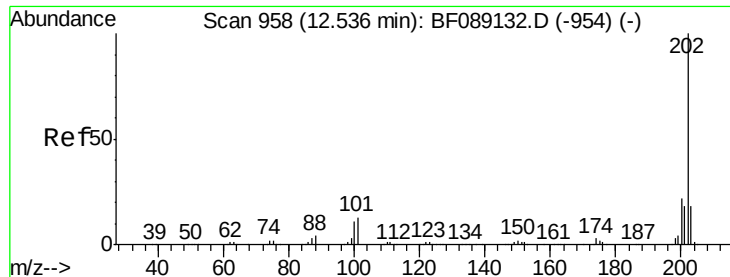
Acq: 20 Jul 2016 14:31

Tgt Ion:	184	Resp:	249874
Ion	Ratio	Lower	Upper
184	100		
185	17.5	12.5	18.7
183	11.9	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

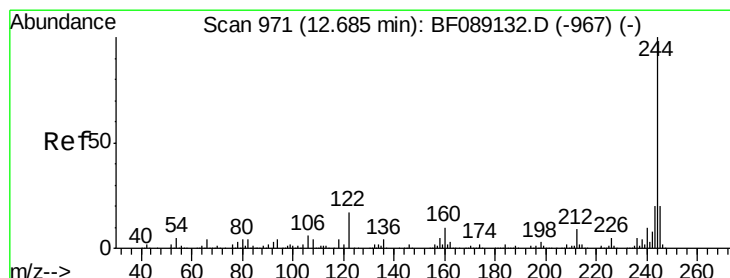
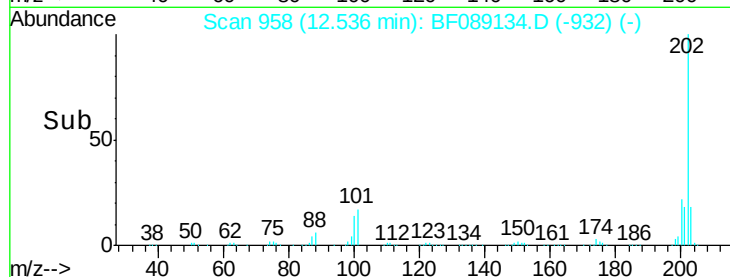
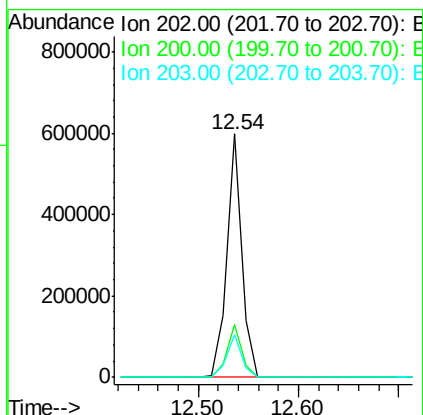
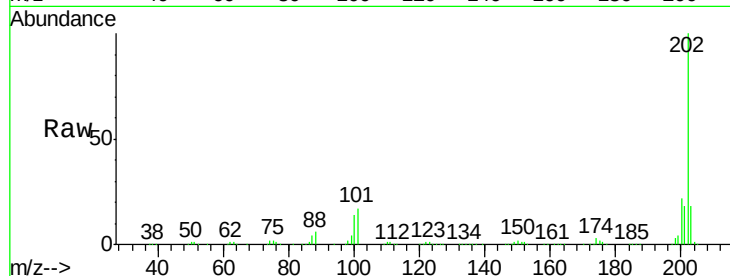




#77
 Pvrene
 Concen: 60.78 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

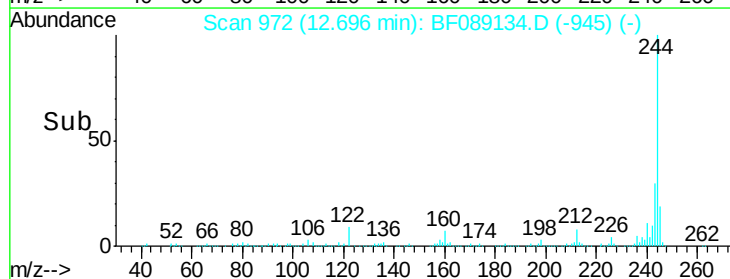
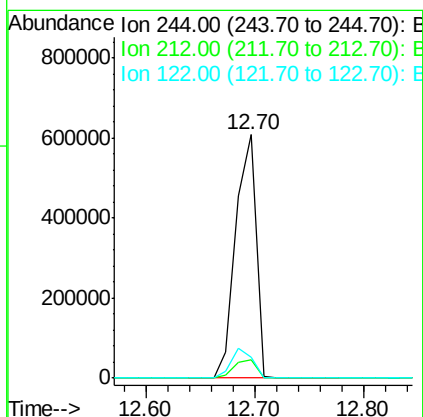
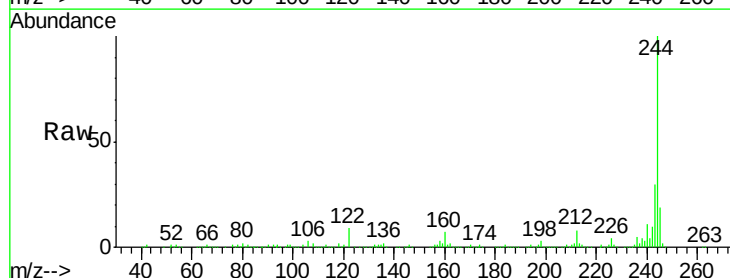
Instrument :
 BNA_F
 ClientSampleId :

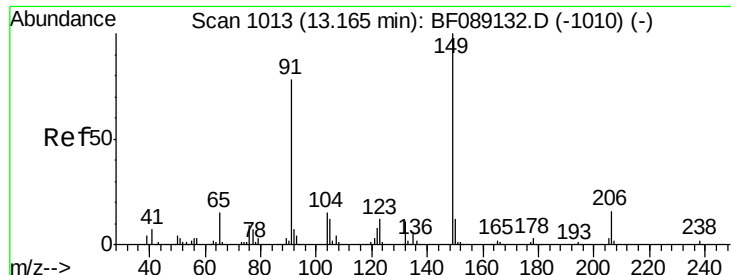
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.0
203	17.8	14.2	21.2



#78
 Terphenyl-d14
 Concen: 145.06 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.4
122	8.7	13.8	20.8#

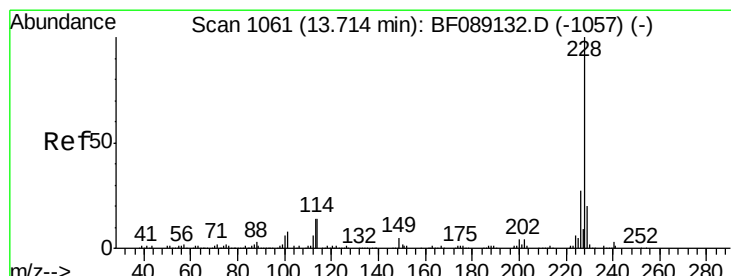
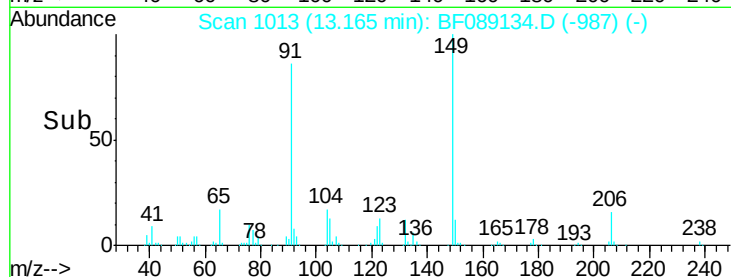
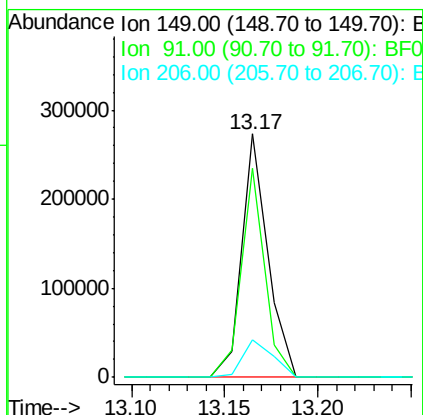
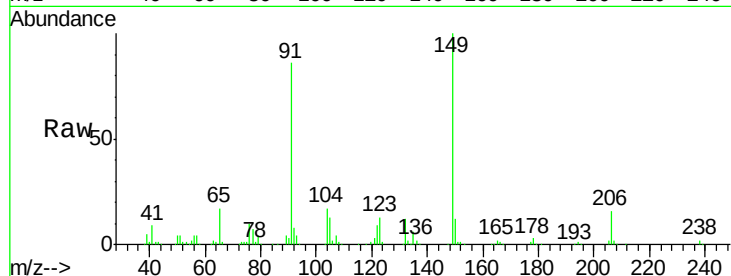




#79
Butylbenzylphthalate
Concen: 58.78 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

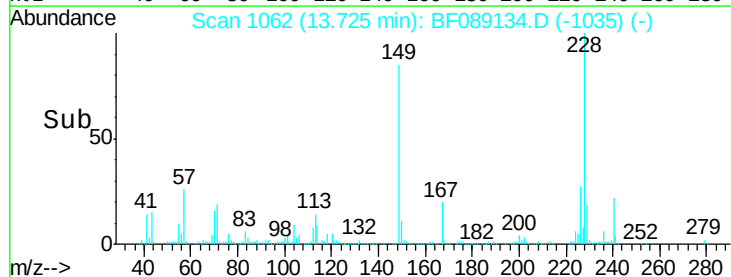
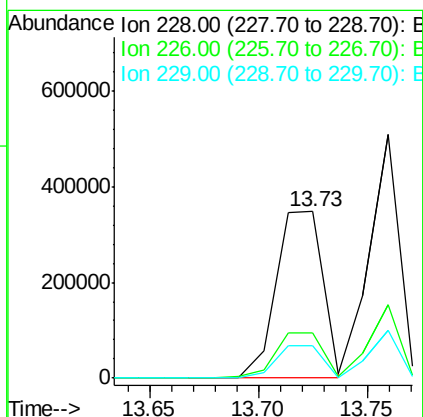
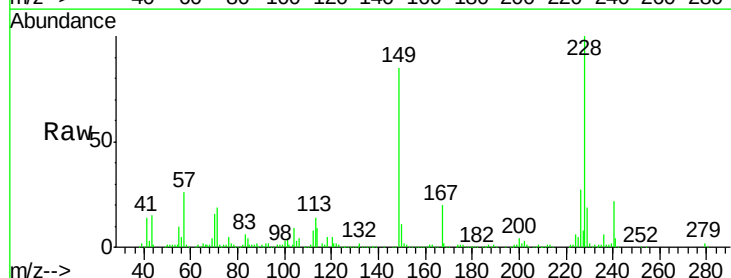
Instrument :
BNA_F
ClientSampleId :

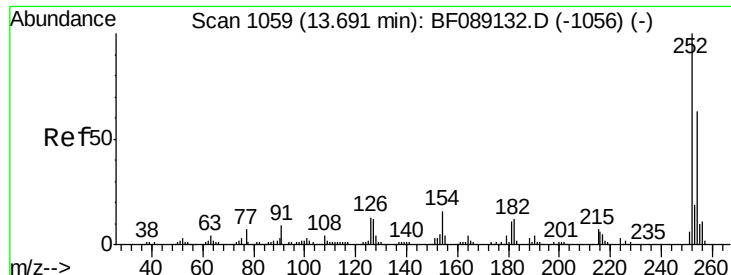
Tot Ion:149 Resp: 265379
Ion Ratio Lower Upper
149 100
91 86.1 62.6 93.8
206 15.5 13.2 19.8



#80
Benzo(a)anthracene
Concen: 67.66 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion:228 Resp: 521956
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.3 15.8 23.8

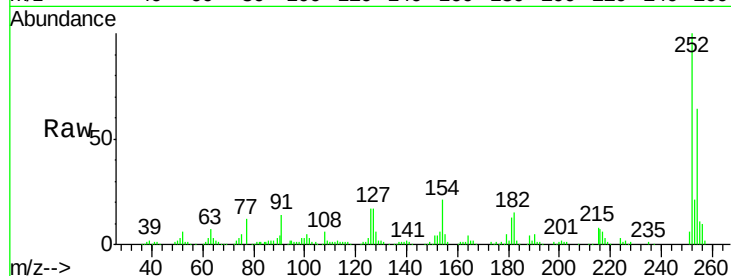




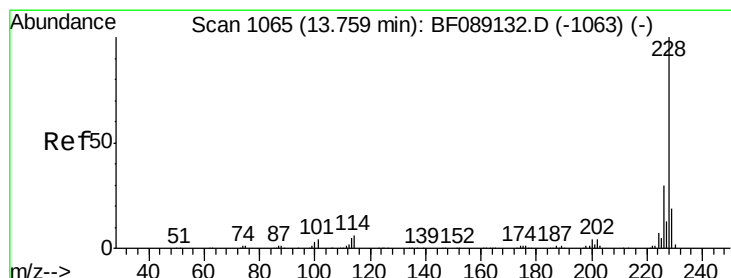
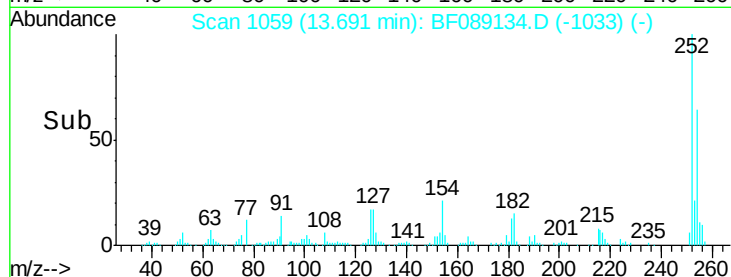
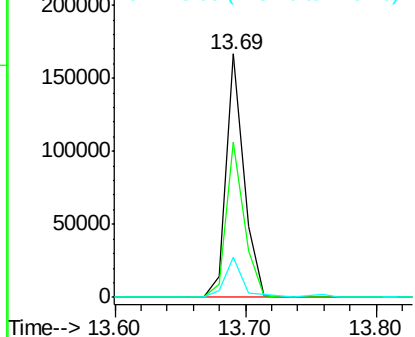
#81
 3,3'-Dichlorobenzidine
 Concen: 54.56 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 159296
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 16.7 10.2 15.2#

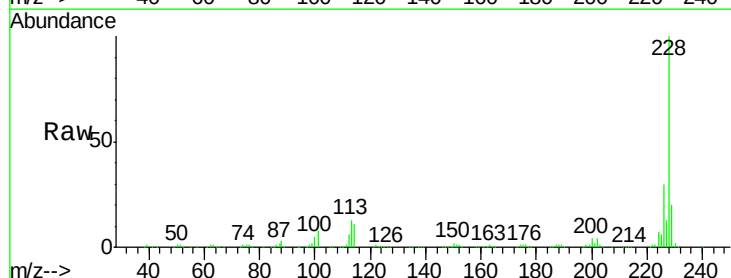


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

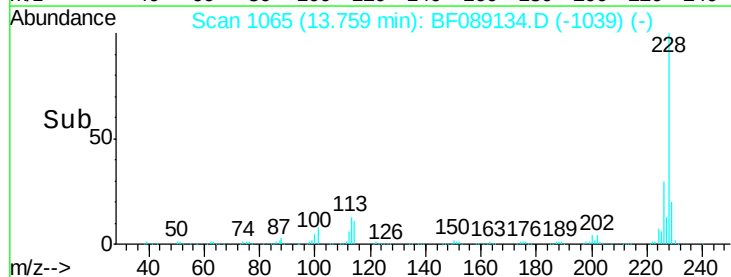
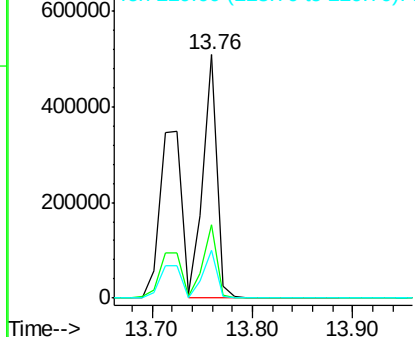


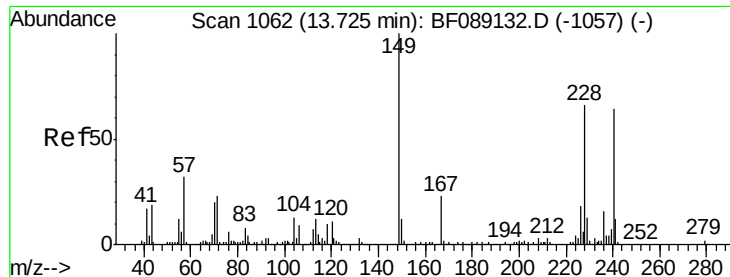
#82
 Chrysene
 Concen: 63.68 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:228 Resp: 489234
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 19.6 15.4 23.0



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

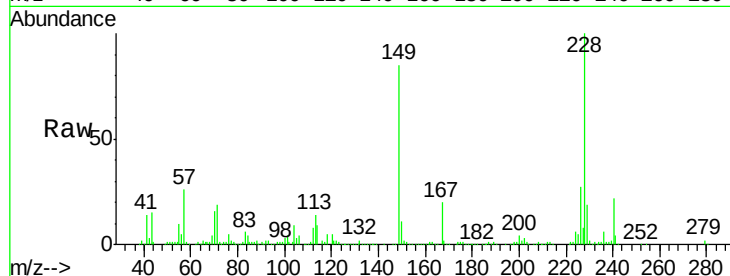




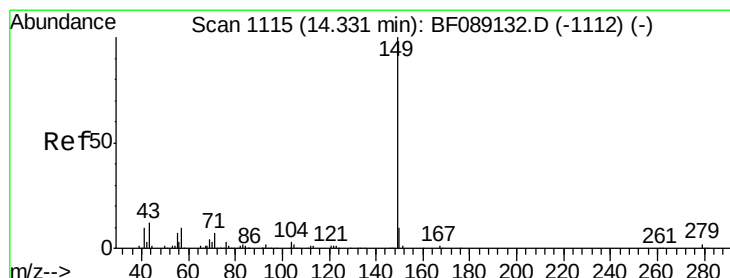
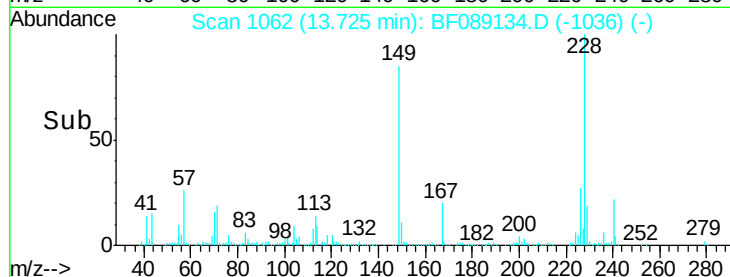
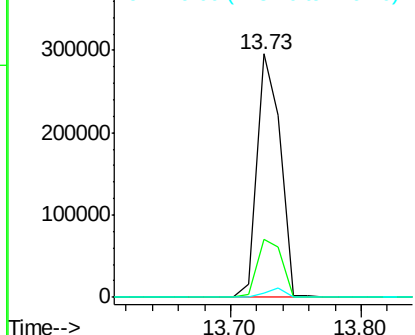
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.42 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 370251
 Ion Ratio Lower Upper
 149 100
 167 23.7 18.6 28.0
 279 1.9 1.6 2.4

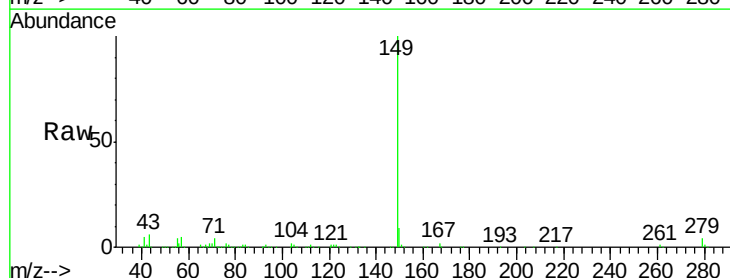


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

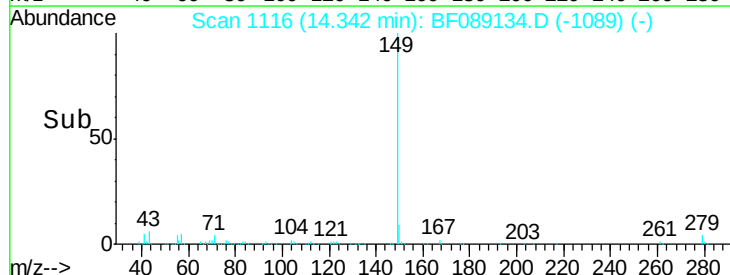
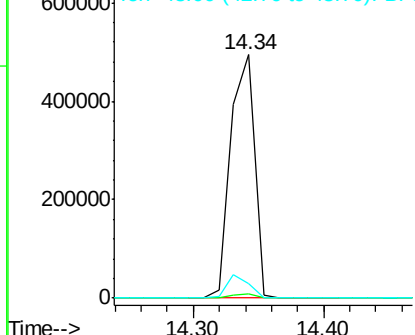


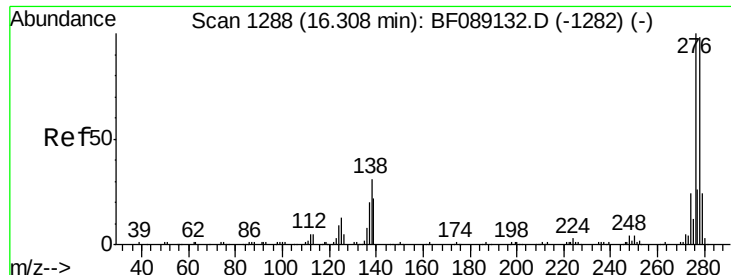
#84
 Di-n-octyl phthalate
 Concen: 71.28 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion:149 Resp: 627503
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.8 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

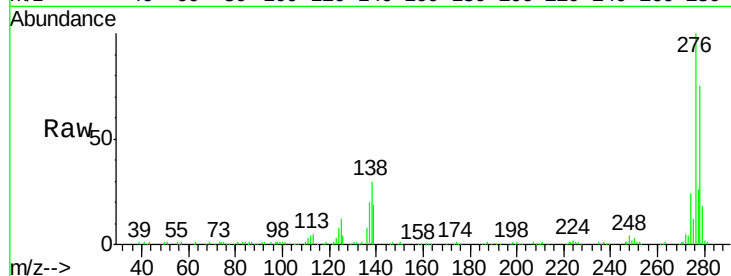




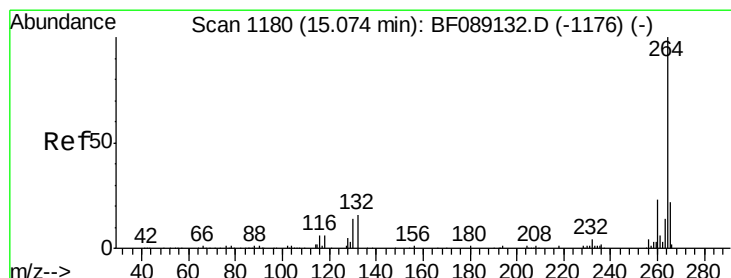
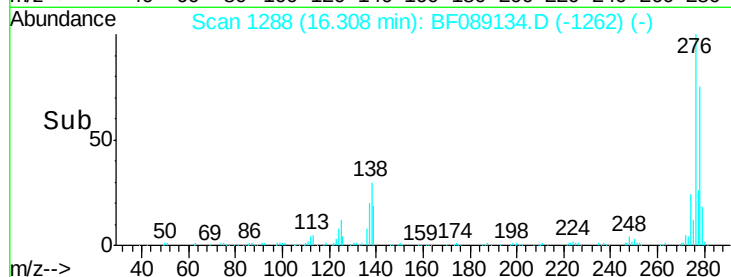
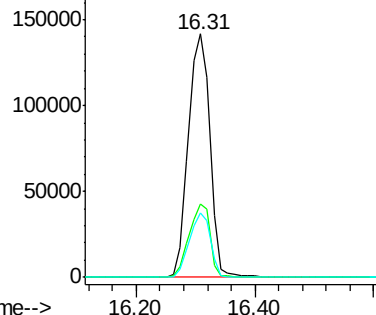
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.77 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.7	35.5
277	25.9	20.6	31.0

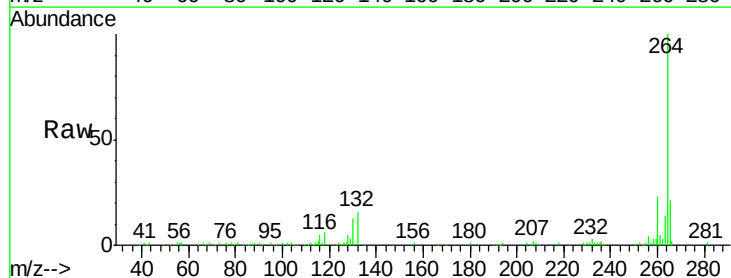


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

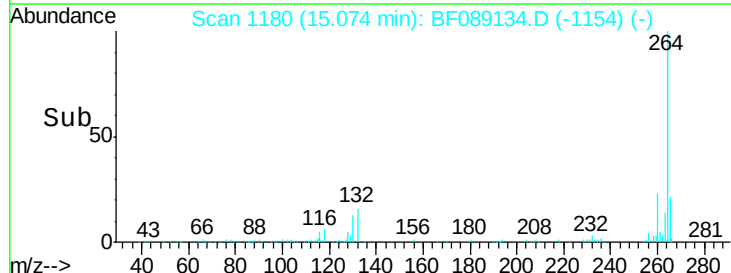
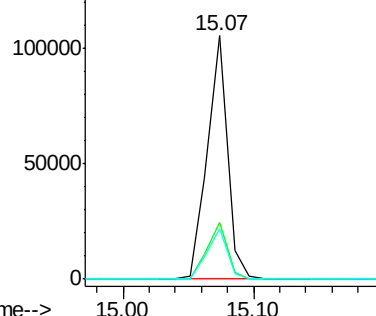


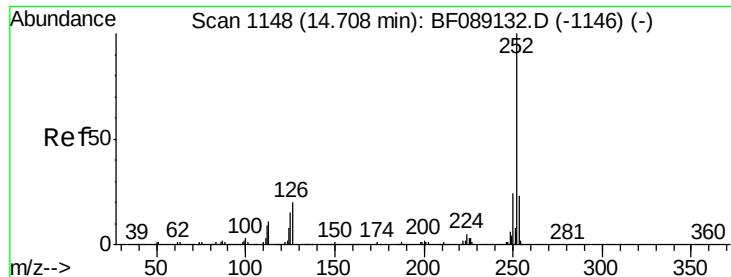
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	20.7	17.3	25.9



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: 112.13 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

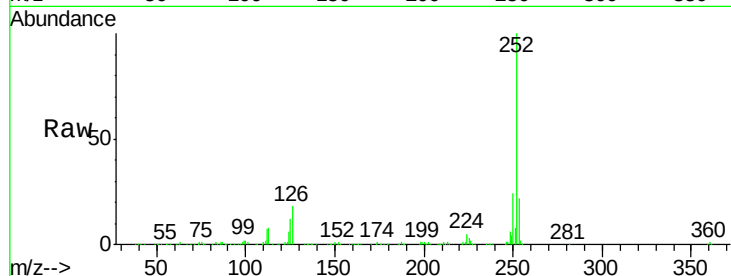
Tot Ion:252 Resp: 833897

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

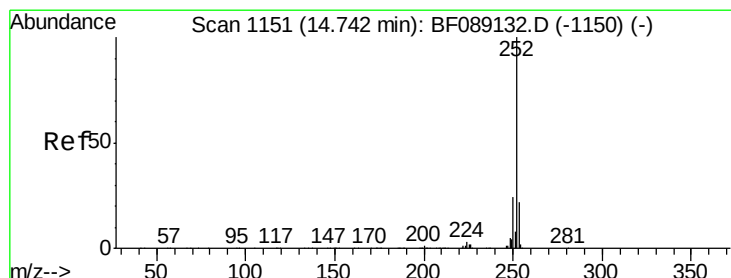
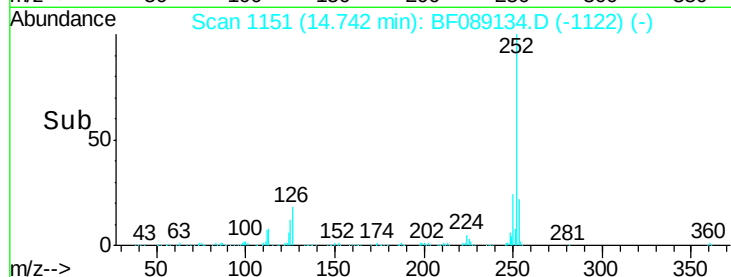
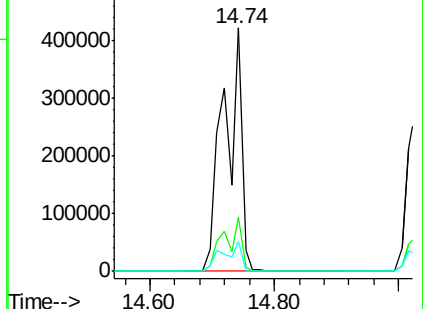
125 12.4 11.9 17.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 140.59 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089134.D

Acq: 20 Jul 2016 14:31

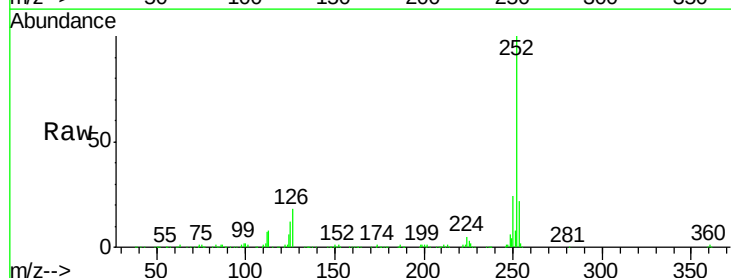
Tgt Ion:252 Resp: 833897

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

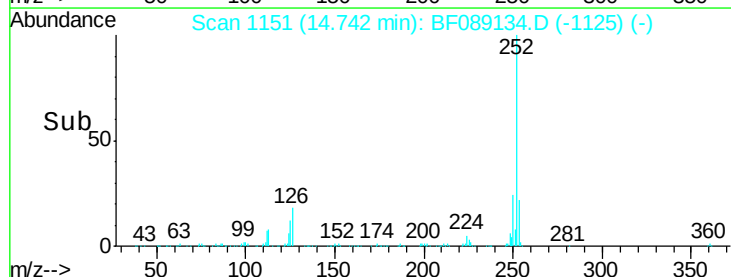
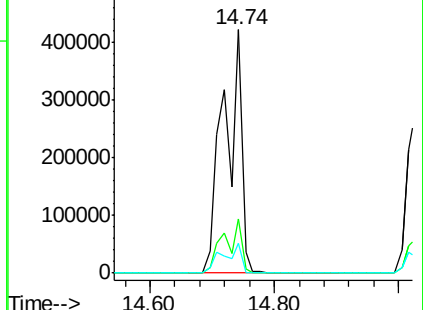
125 12.4 6.3 9.5#

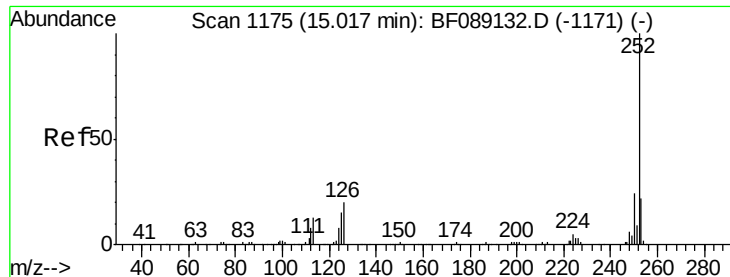


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

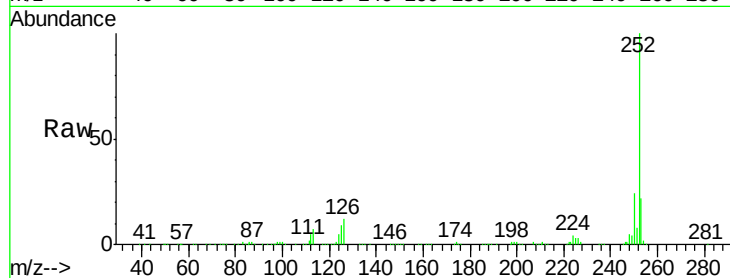




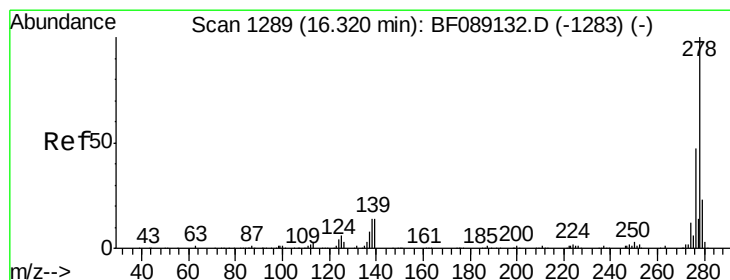
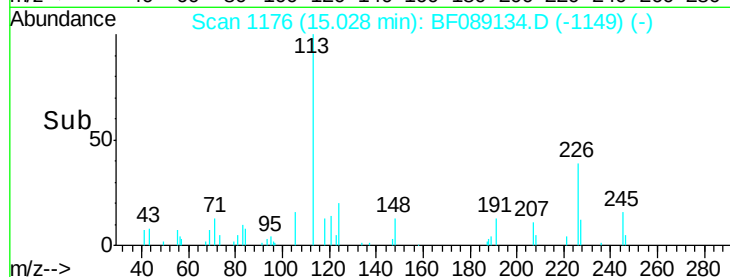
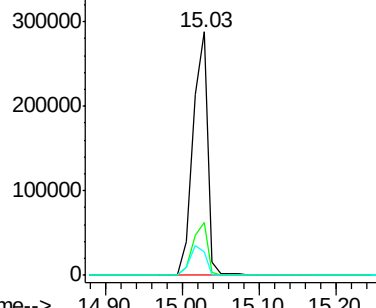
#89
Benzo(a)pyrene
Concen: 64.75 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	9.5	12.4	18.6#

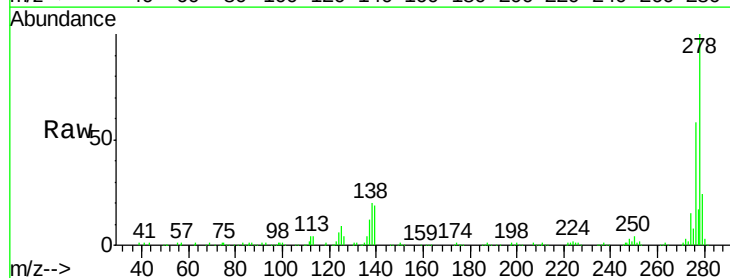


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

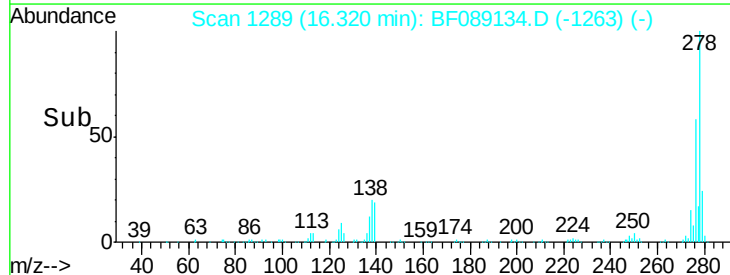
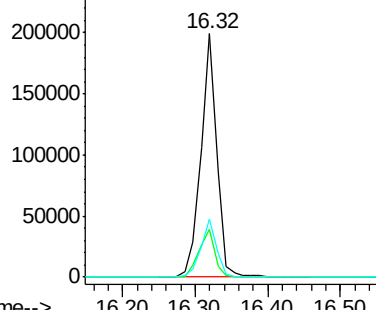


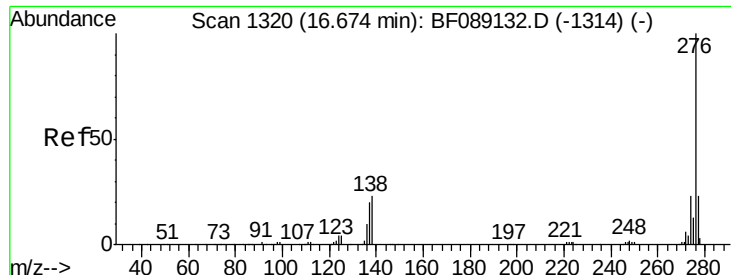
#90
Dibenzo(a,h)anthracene
Concen: 60.73 ng
RT: 16.32 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF089134.D
Acq: 20 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	11.4	17.2#
279	23.8	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

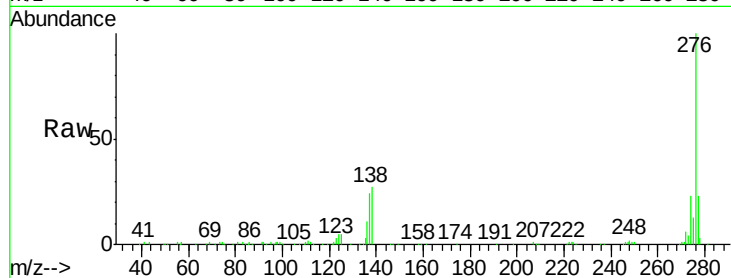




#91
 Benzo(a,h,i)perylene
 Concen: 59.53 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF089134.D
 Acq: 20 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	26.9	18.5	27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

