

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089075.D
 Acq On : 17 Jul 2016 13:41
 Operator : UM/SJ
 Sample : H4045-19MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

Quant Time: Jul 18 03:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	59559	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	237713	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	108983	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	190797	20.00	ng	-0.06
75) Chrysene-d12	13.79	240	110249	20.00	ng	-0.06
86) Perylene-d12	15.15	264	107533	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	427523	107.58	ng	-0.03
7) Phenol-d6	6.32	99	566745	110.37	ng	-0.03
23) Nitrobenzene-d5	7.23	82	408770	90.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	109884	108.58	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	689114	99.88	ng	-0.05
78) Terphenyl-d14	12.75	244	454737	91.87	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	42821	21.73	ng	# 29
3) Pyridine	2.82	79	131950	23.08	ng	98
4) n-Nitrosodimethylamine	2.79	42	62286	28.52	ng	98
6) Aniline	6.32	93	176993	23.65	ng	# 54
8) 2-Chlorophenol	6.44	128	142785	33.43	ng	100
9) Benzaldehyde	6.19	77	52751	15.17	ng	83
10) Phenol	6.33	94	210048	35.84	ng	79
11) bis(2-Chloroethyl)ether	6.40	93	130358	29.83	ng	91
12) 1,3-Dichlorobenzene	6.59	146	135836m	28.90	ng	
13) 1,4-Dichlorobenzene	6.67	146	146251	31.35	ng	95
14) 1,2-Dichlorobenzene	6.83	146	142287	32.59	ng	97
15) Benzyl Alcohol	6.81	79	136394	36.09	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.95	45	153316	24.22	ng	83
17) 2-Methylphenol	6.94	107	123456	35.43	ng	93
18) Hexachloroethane	7.16	117	53973	29.91	ng	# 82
19) n-Nitroso-di-n-propylamine	7.08	70	104871	30.40	ng	94
20) 3+4-Methylphenols	7.10	107	165003	39.46	ng	# 73
22) Acetophenone	7.07	105	209227	36.26	ng	# 93
24) Nitrobenzene	7.24	77	149093	32.60	ng	# 81
25) Isophorone	7.48	82	287111	34.17	ng	94
26) 2-Nitrophenol	7.56	139	82474	43.98	ng	92
27) 2,4-Dimethylphenol	7.61	122	125491	32.13	ng	88
28) bis(2-Chloroethoxy)methane	7.70	93	169483	31.00	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	121155	38.38	ng	93
30) 1,2,4-Trichlorobenzene	7.88	180	118785	34.29	ng	98
31) Naphthalene	7.96	128	409319	34.93	ng	99
33) 4-Chloroaniline	8.02	127	154830	29.69	ng	98
34) Hexachlorobutadiene	8.09	225	69845	37.65	ng	99
35) Caprolactam	8.39	113	31189m	29.09	ng	
36) 4-Chloro-3-methylphenol	8.51	107	127587	34.18	ng	88
37) 2-Methylnaphthalene	8.66	142	288025	38.17	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	109940	30.33	ng	# 1
40) Hexachlorocyclopentadiene	8.81	237	63661	35.78	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	75443	31.57	ng	98

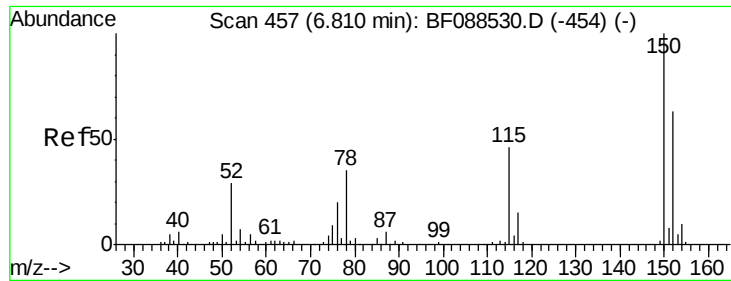
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089075.D
 Acq On : 17 Jul 2016 13:41
 Operator : UM/SJ
 Sample : H4045-19MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

Quant Time: Jul 18 03:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	79208	38.52	nq	# 80
45) 1,1'-Biphenyl	9.12	154	299559	33.19	nq	100
46) 2-Chloronaphthalene	9.14	162	241240	34.05	nq	96
47) 2-Nitroaniline	9.24	65	92900	36.95	nq	92
48) Acenaphthylene	9.55	152	383006	33.98	nq	99
49) Dimethylphthalate	9.43	163	422881	54.46	nq	100
50) 2,6-Dinitrotoluene	9.48	165	62449	36.29	nq	# 30
51) Acenaphthene	9.72	154	229057	33.15	nq	99
52) 3-Nitroaniline	9.66	138	72298	33.05	nq	95
53) 2,4-Dinitrophenol	9.76	184	14509	19.10	nq	# 64
54) Dibenzofuran	9.90	168	335220	37.06	nq	# 88
55) 4-Nitrophenol	9.84	139	101308	60.94	nq	92
56) 2,4-Dinitrotoluene	9.90	165	86427	38.41	nq	# 71
57) Fluorene	10.24	166	280754	40.28	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	60893	38.28	nq	# 47
59) Diethylphthalate	10.12	149	291765	37.44	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	125745	38.83	nq	89
61) 4-Nitroaniline	10.26	138	58323	27.71	nq	78
62) Azobenzene	10.39	77	320186	36.02	nq	90
64) 4,6-Dinitro-2-methylphenol	10.30	198	28269	27.70	nq	87
65) n-Nitrosodiphenylamine	10.35	169	223320	34.58	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	66874	34.78	nq	# 76
67) Hexachlorobenzene	10.79	284	73408	34.49	nq	# 88
68) Atrazine	10.89	200	84989	42.24	nq	94
69) Pentachlorophenol	10.98	266	59773	47.45	nq	97
70) Phenanthrene	11.19	178	350253	33.58	nq	99
71) Anthracene	11.24	178	399718	38.54	nq	98
72) Carbazole	11.40	167	362934	37.18	nq	99
73) Di-n-butylphthalate	11.74	149	411925	36.28	nq	99
74) Fluoranthene	12.38	202	347296	32.85	nq	91
76) Benzidine	12.50	184	173938	31.21	nq	97
77) Pyrene	12.59	202	312871	33.47	nq	99
79) Butylbenzylphthalate	13.22	149	141614	33.96	nq	# 72
80) Benzo(a)anthracene	13.78	228	243370	34.28	nq	98
81) 3,3'-Dichlorobenzidine	13.75	252	82176	30.79	nq	# 97
82) Chrysene	13.82	228	235930	33.59	nq	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	203512	42.75	nq	# 98
84) Di-n-octyl phthalate	14.40	149	327042	40.44	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.41	276	234176	43.34	nq	# 100
87) Benzo(b)fluoranthene	14.78	252	210529m	31.21	nq	
88) Benzo(k)fluoranthene	14.80	252	197393m	33.61	nq	
89) Benzo(a)pyrene	15.10	252	211208	36.98	nq	# 95
90) Dibenzo(a,h)anthracene	16.43	278	194574	40.80	nq	# 95
91) Benzo(g,h,i)perylene	16.80	276	194773	39.47	nq	94

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

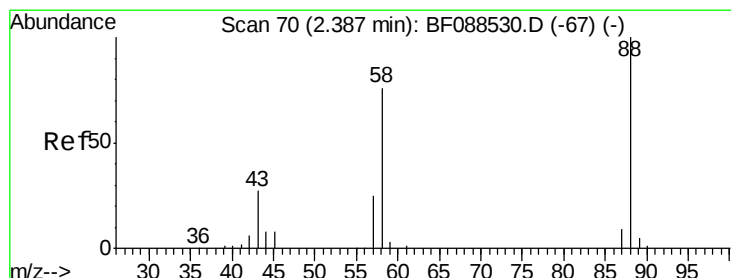
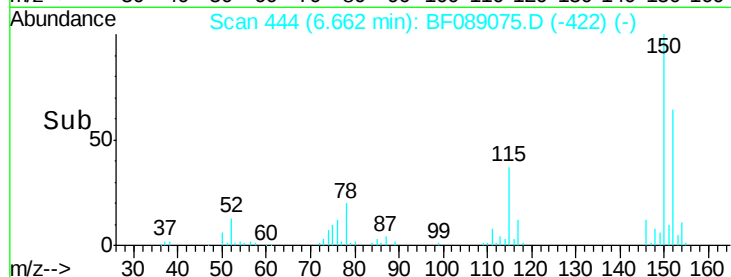
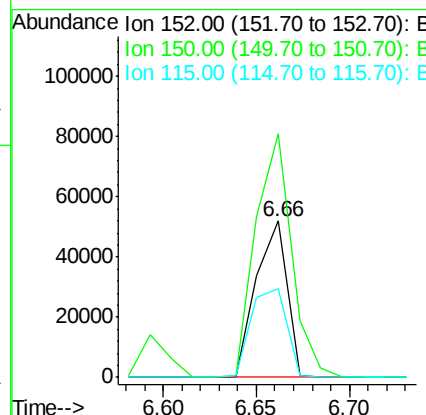
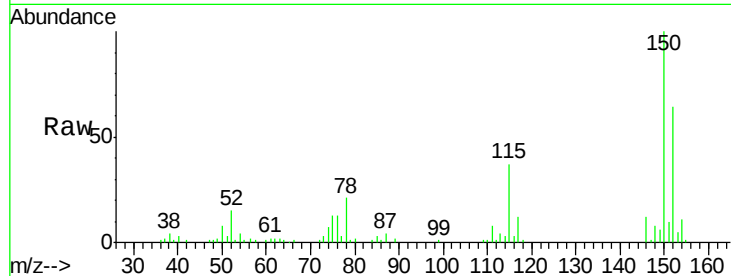


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

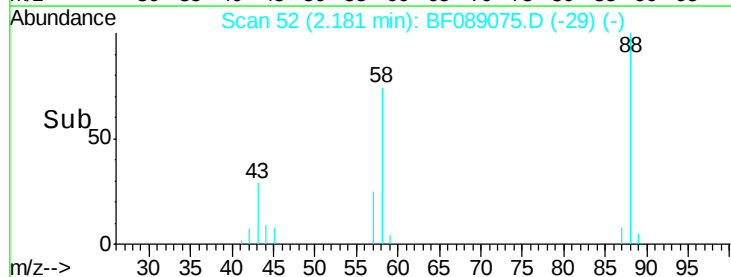
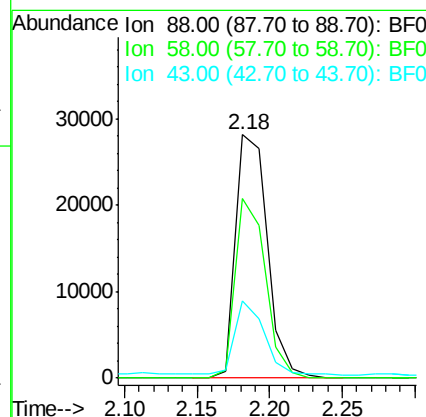
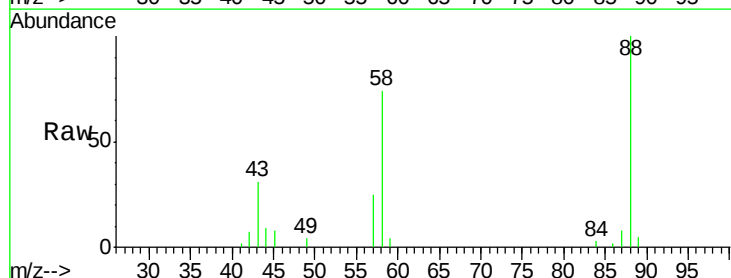
Tot Ion:152 Resp: 59559
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 57.1 39.6 59.4

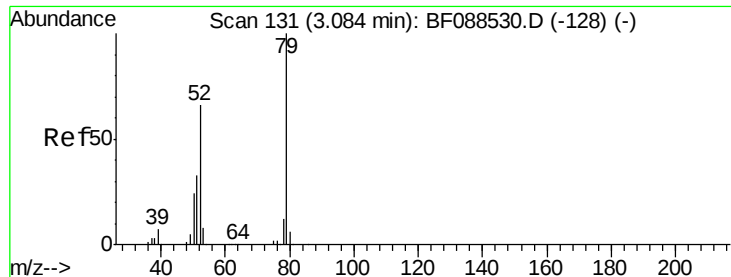


#2

1,4-Dioxane
Concen: 21.73 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.03 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion: 88 Resp: 42821
Ion Ratio Lower Upper
88 100
58 70.0 0.0 0.0#
43 27.8 3.4 5.2#





#3

Pvridine

Concen: 23.08 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

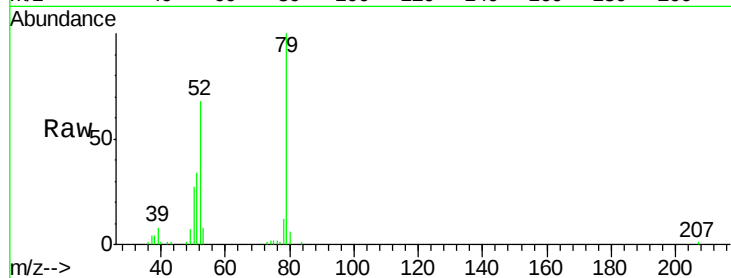
Tot Ion: 79 Resp: 131950

Ion Ratio Lower Upper

79 100

52 67.8 56.3 84.5

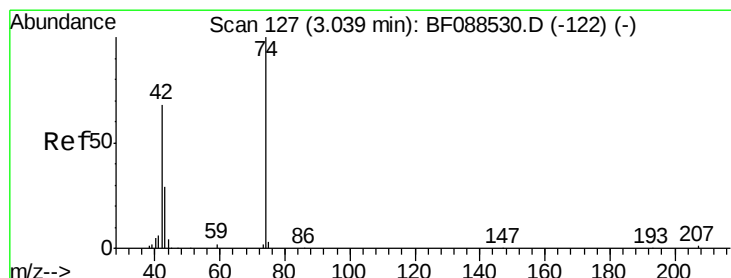
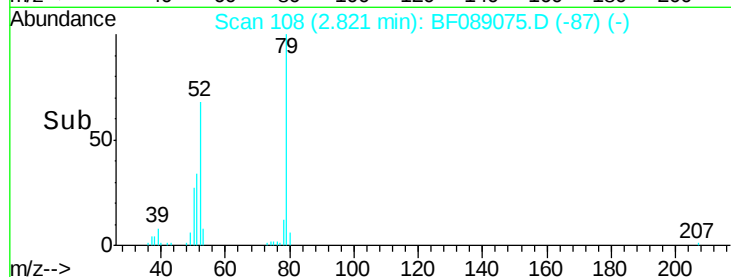
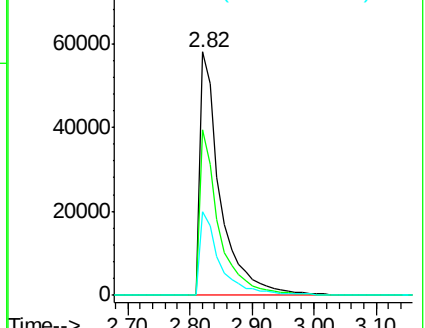
51 34.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.52 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

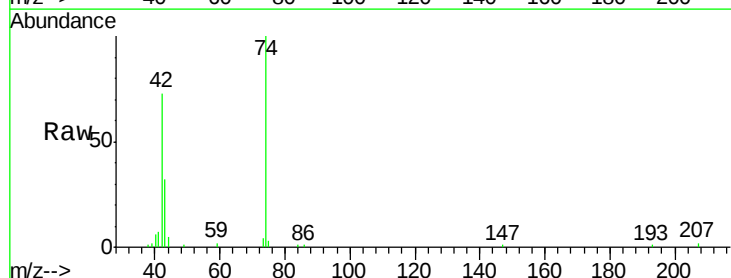
Tgt Ion: 42 Resp: 62286

Ion Ratio Lower Upper

42 100

74 137.9 108.6 163.0

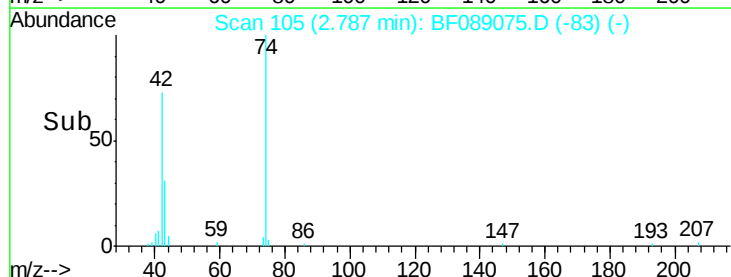
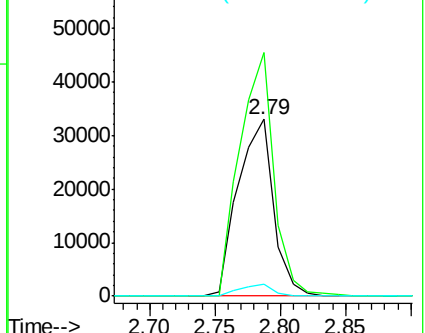
44 6.8 5.5 8.3

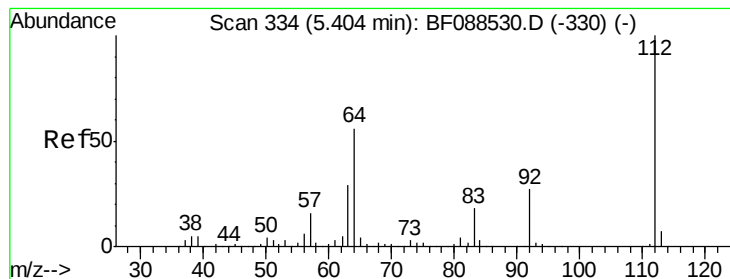


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 107.58 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

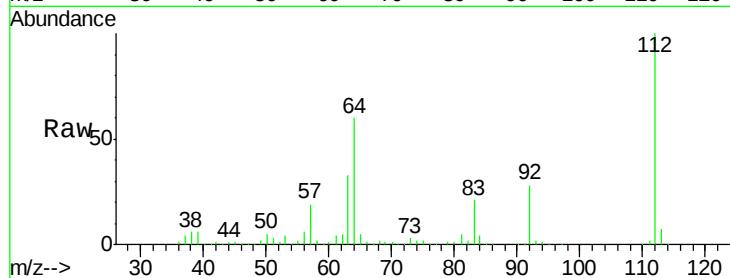
Tot Ion:112 Resp: 427523

Ion Ratio Lower Upper

112 100

64 60.5 42.2 63.2

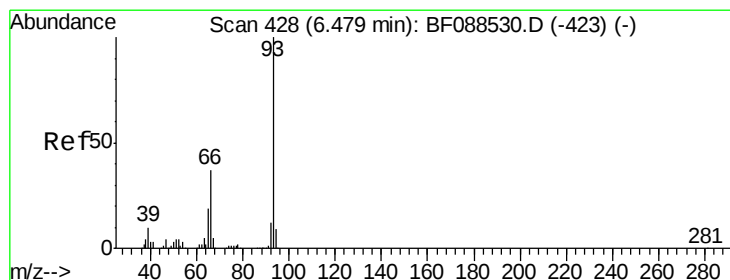
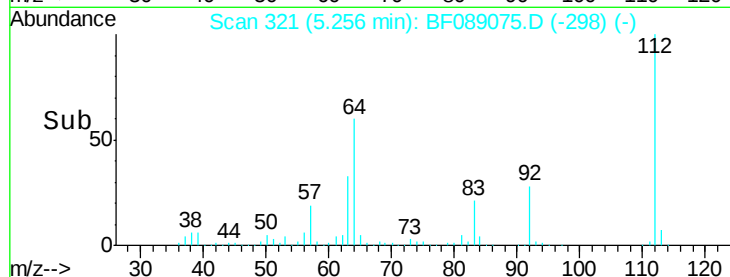
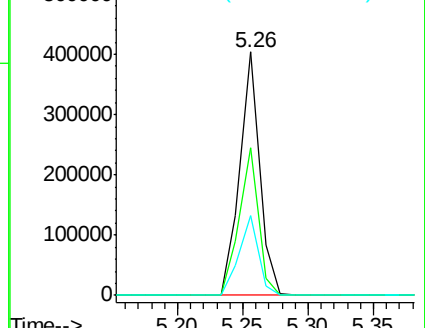
63 32.9 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.65 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

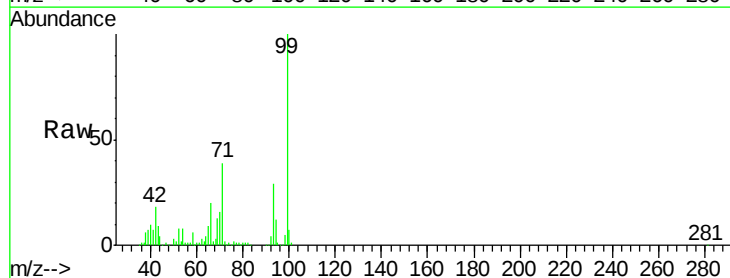
Tgt Ion: 93 Resp: 176993

Ion Ratio Lower Upper

93 100

66 69.7 29.8 44.8#

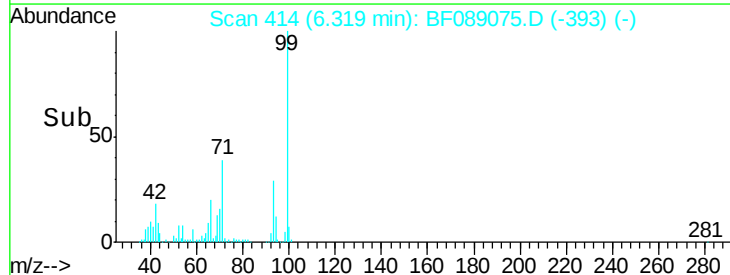
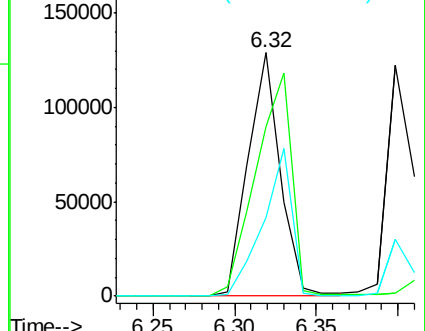
65 32.3 14.9 22.3#

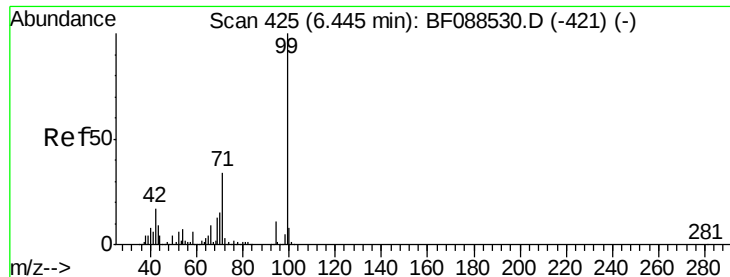


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.37 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

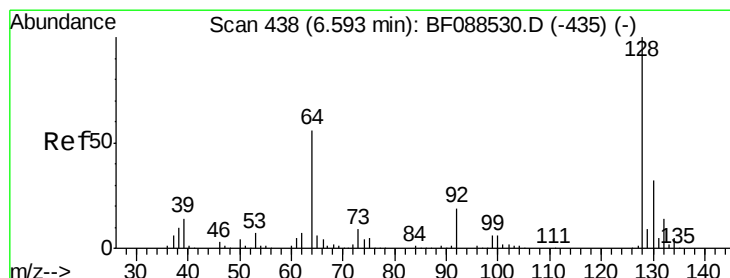
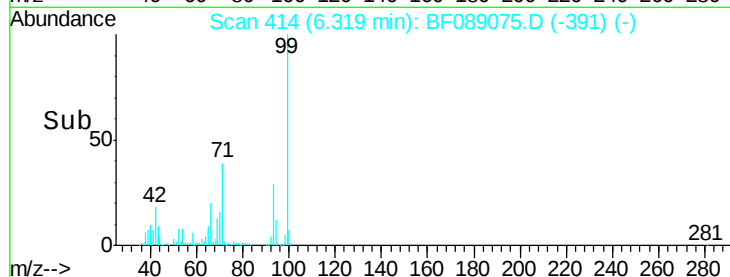
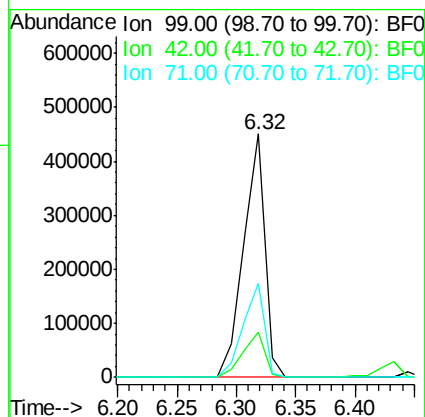
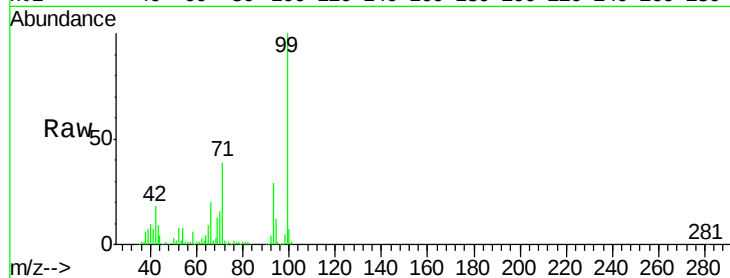
Tot Ion: 99 Resp: 566745

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 38.6 23.4 35.0#



#8

2-Chlorophenol

Concen: 33.43 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

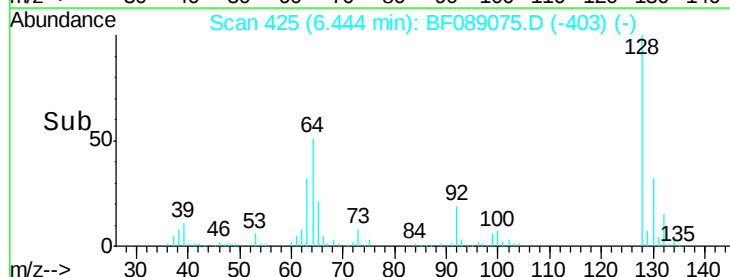
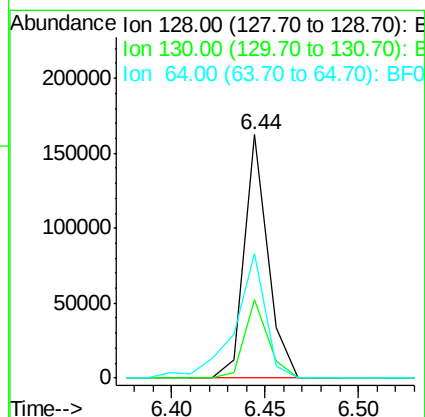
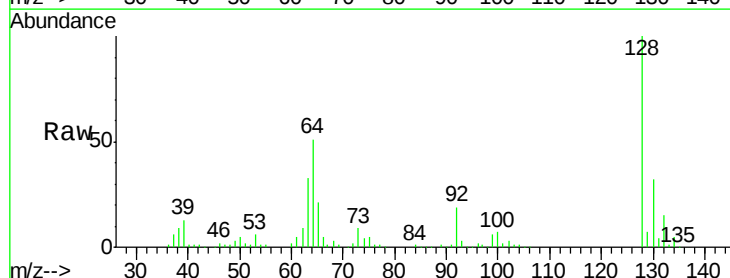
Tgt Ion: 128 Resp: 142785

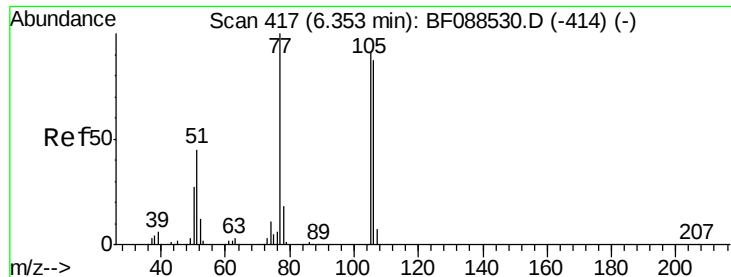
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 51.2 30.8 70.8





#9

Benzaldehyde

Concen: 15.17 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

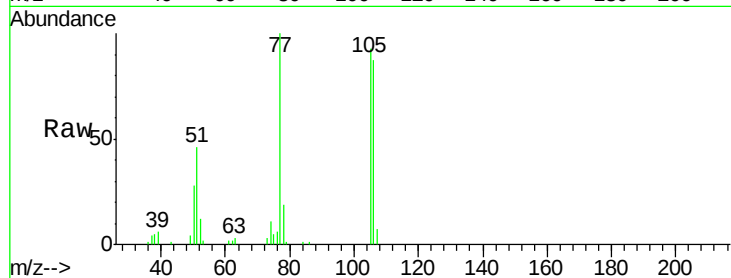
Tot Ion: 77 Resp: 52751

Ion Ratio Lower Upper

77 100

105 93.5 90.6 130.6

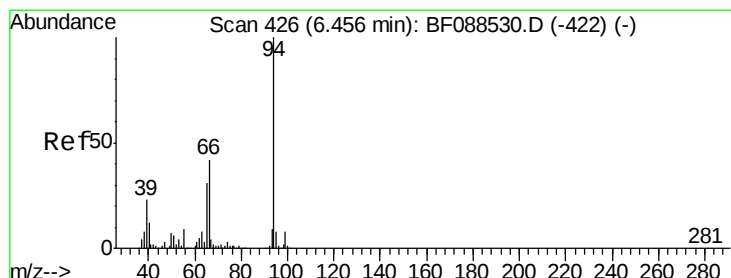
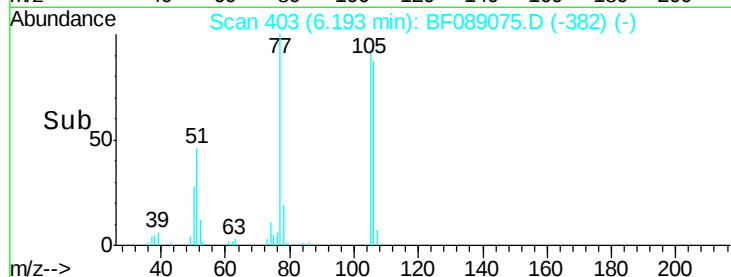
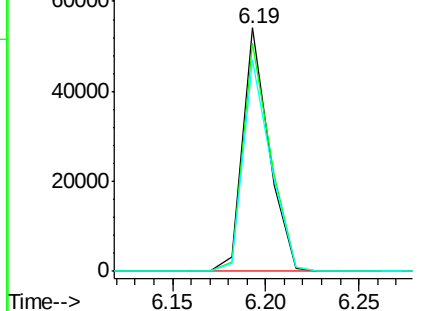
106 86.9 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.84 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

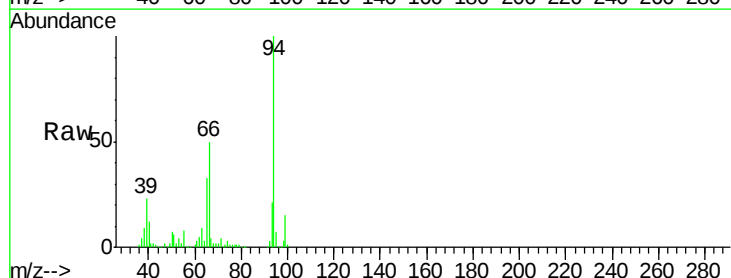
Tgt Ion: 94 Resp: 210048

Ion Ratio Lower Upper

94 100

65 33.0 5.9 45.9

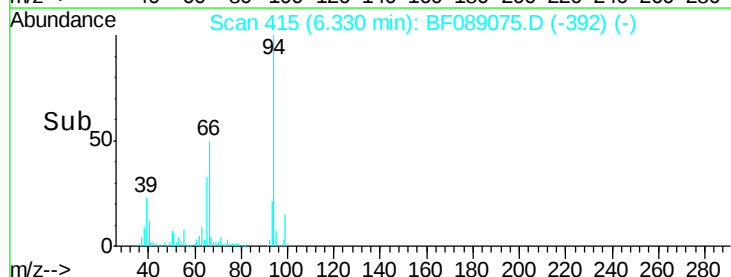
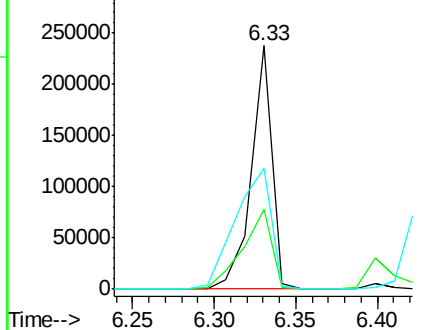
66 49.6 14.0 54.0

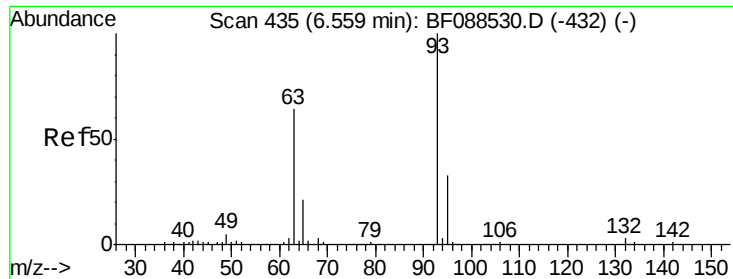


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 29.83 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

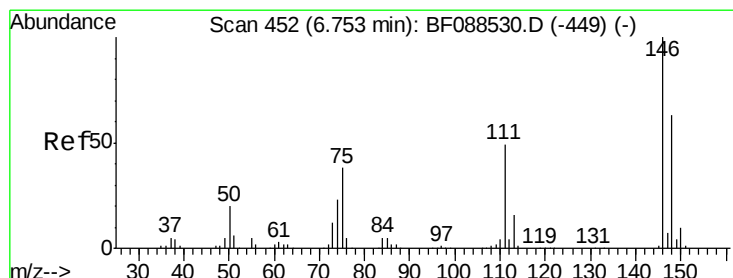
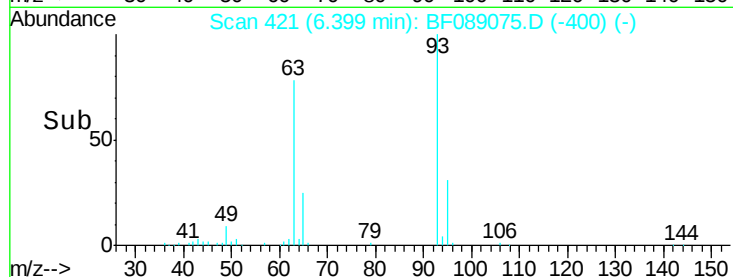
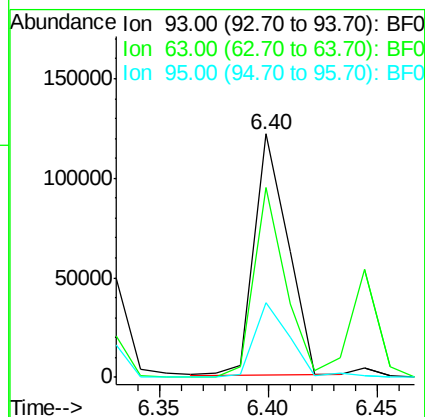
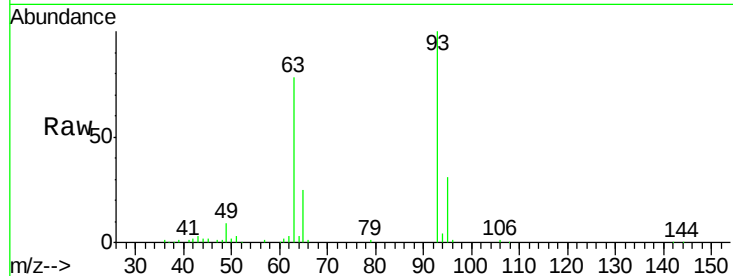
Tot Ion: 93 Resp: 130358

Ion Ratio Lower Upper

93 100

63 77.9 67.6 107.6

95 30.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 28.90 ng m

RT: 6.59 min Scan# 438

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

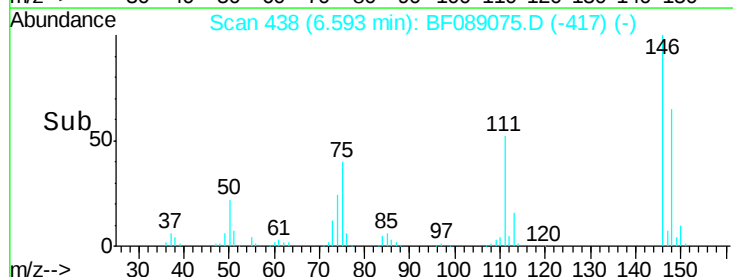
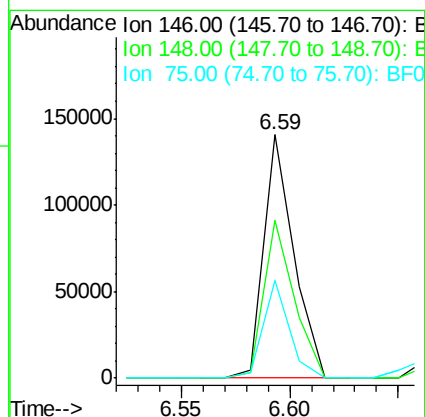
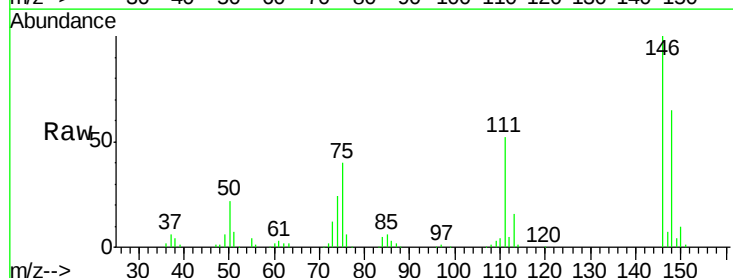
Tgt Ion: 146 Resp: 135836

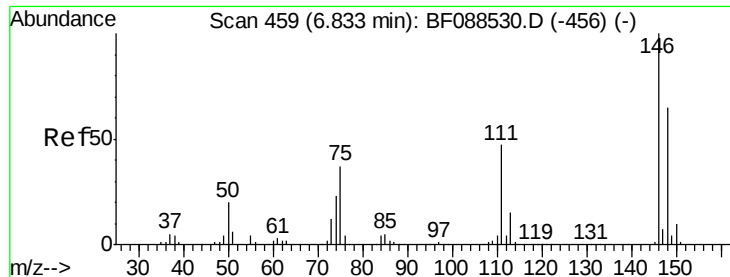
Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

75 40.0 25.6 38.4#

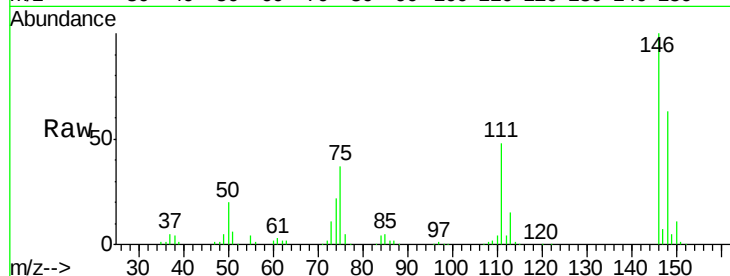




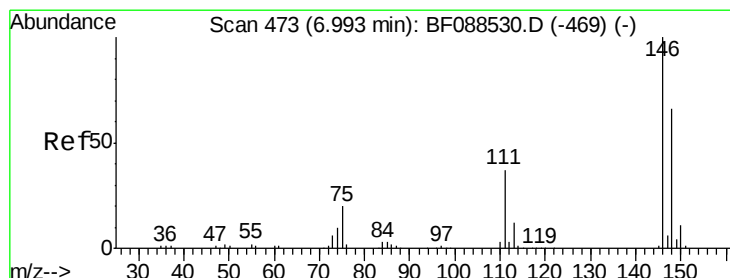
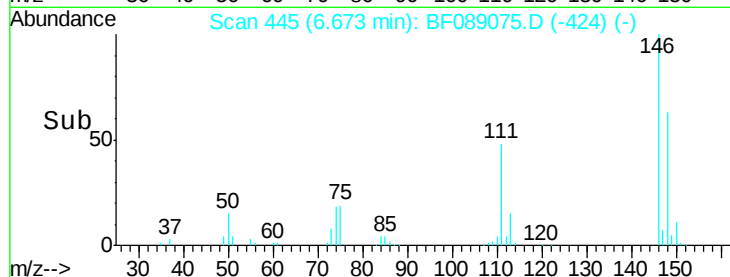
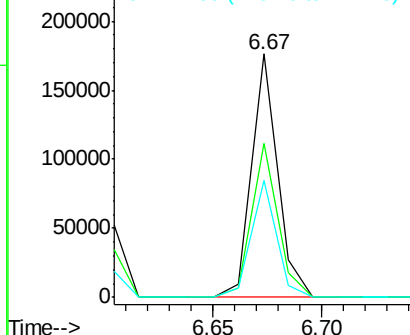
#13
 1,4-Dichlorobenzene
 Concen: 31.35 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

Tot Ion:146 Resp: 146251
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.0 78.0
 111 48.0 33.8 50.8

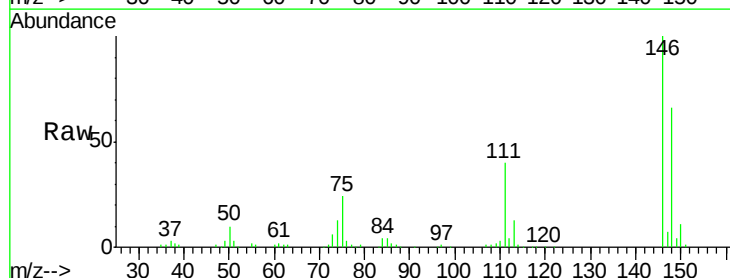


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

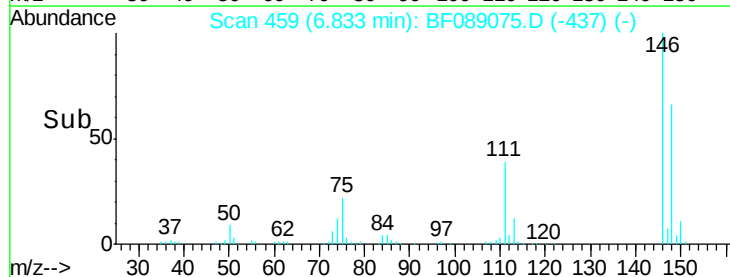
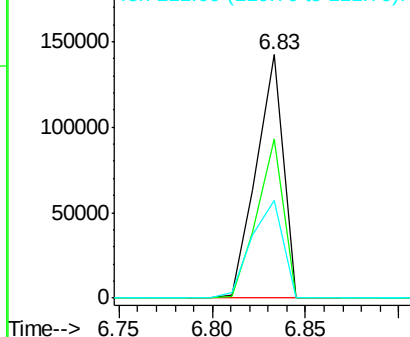


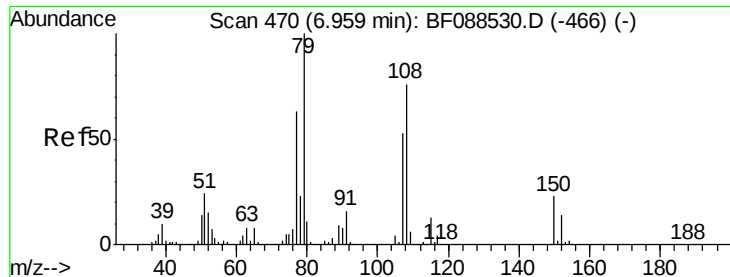
#14
 1,2-Dichlorobenzene
 Concen: 32.59 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:146 Resp: 142287
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.3 78.5
 111 39.9 28.7 43.1



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: 36.09 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

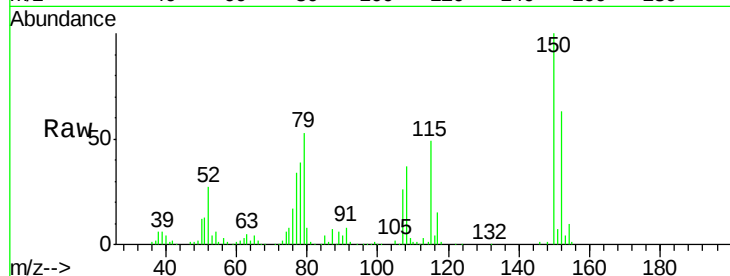
Tot Ion: 79 Resp: 136394

Ion Ratio Lower Upper

79 100

108 69.5 65.0 97.6

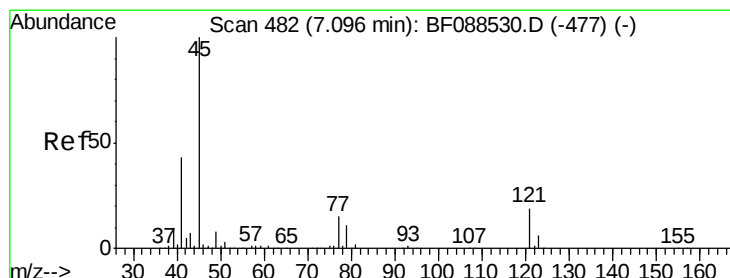
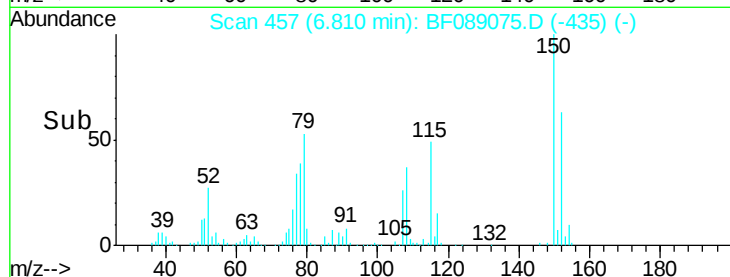
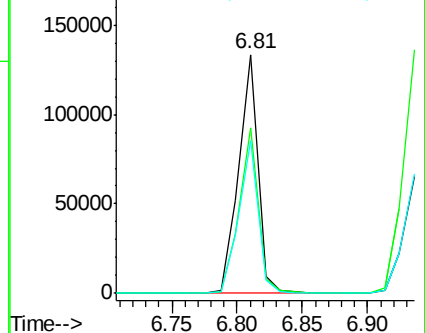
77 64.0 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.22 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

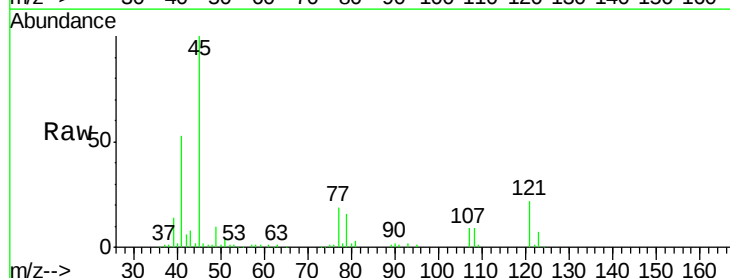
Tgt Ion: 45 Resp: 153316

Ion Ratio Lower Upper

45 100

77 19.3 0.0 32.5

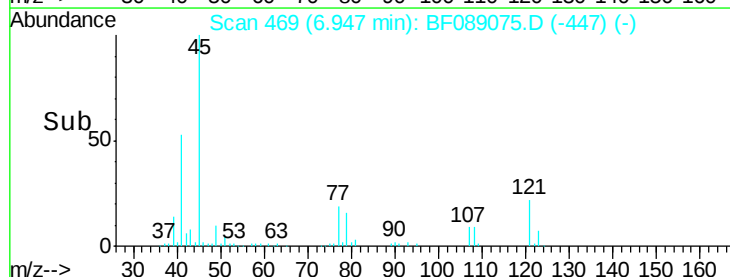
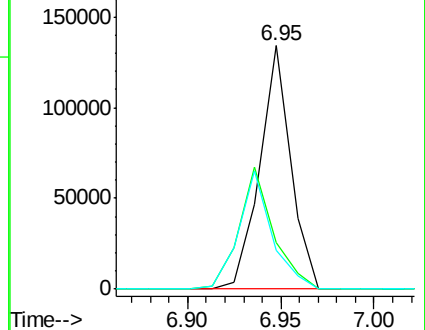
79 15.7 0.0 29.5

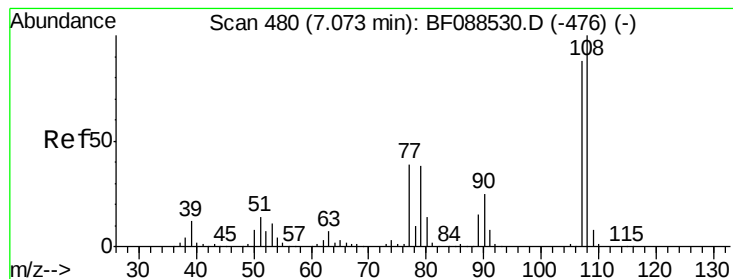


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.43 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

Tot Ion:107 Resp: 123456

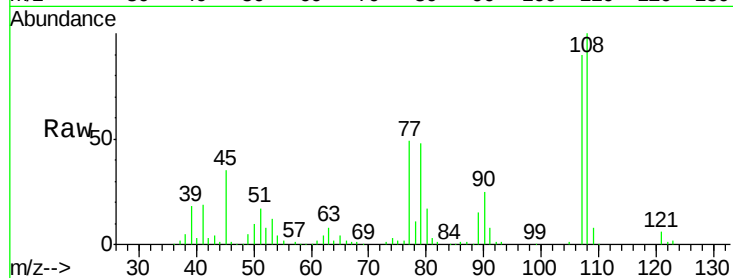
Ion Ratio Lower Upper

107 100

108 111.3 90.9 136.3

77 54.7 36.6 55.0

79 53.2 36.5 54.7

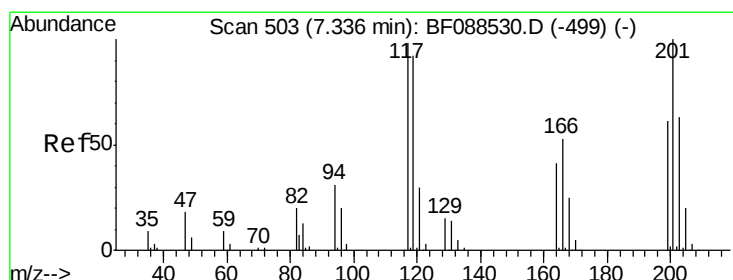
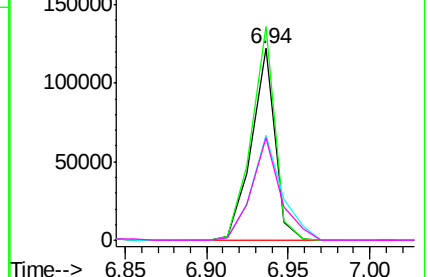
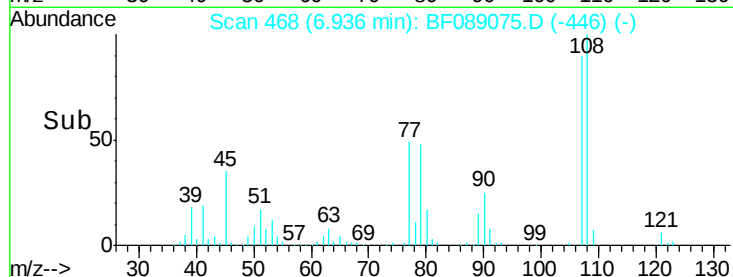


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.91 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

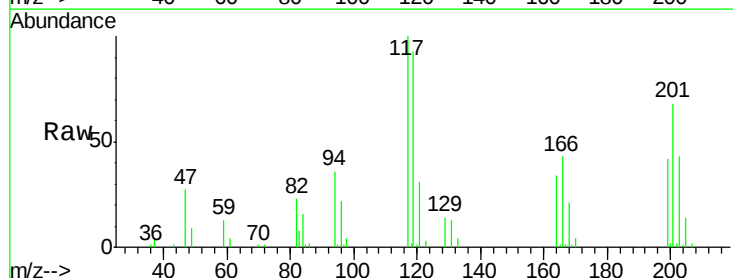
Tgt Ion:117 Resp: 53973

Ion Ratio Lower Upper

117 100

119 93.4 77.4 116.2

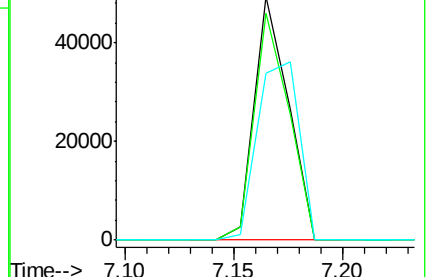
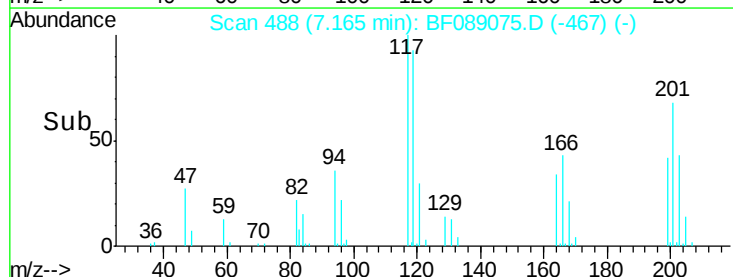
201 68.4 80.4 120.6#

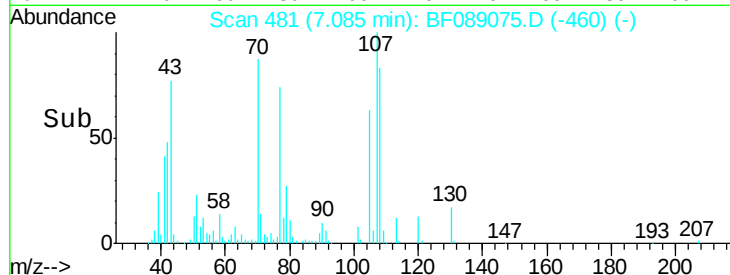
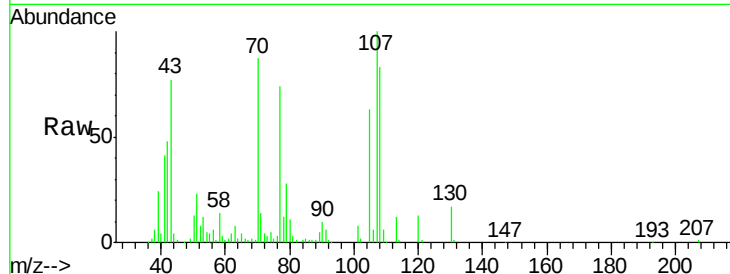
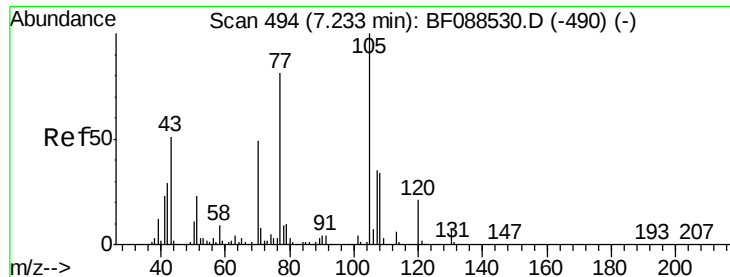


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

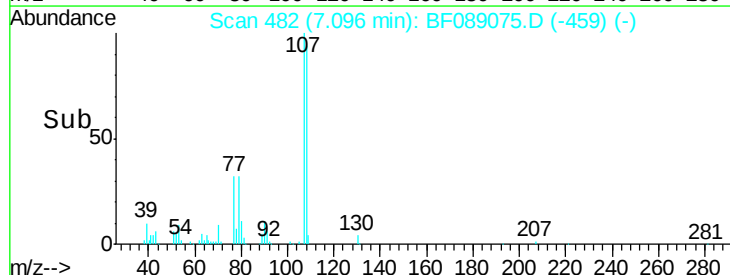
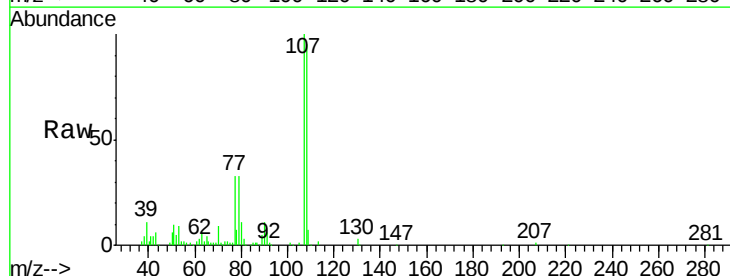
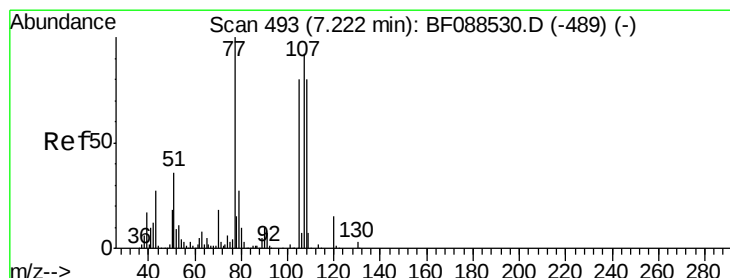
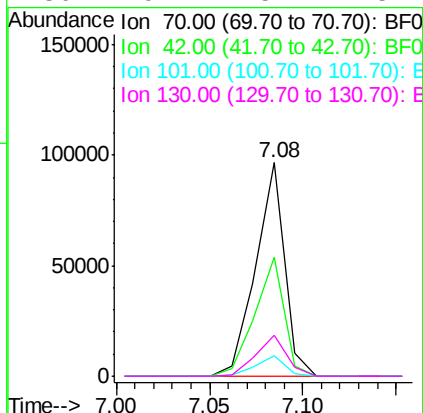




#19
n-Nitroso-di-n-propylamine
Concen: 30.40 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

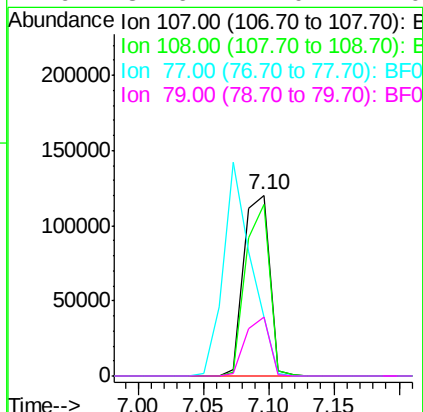
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

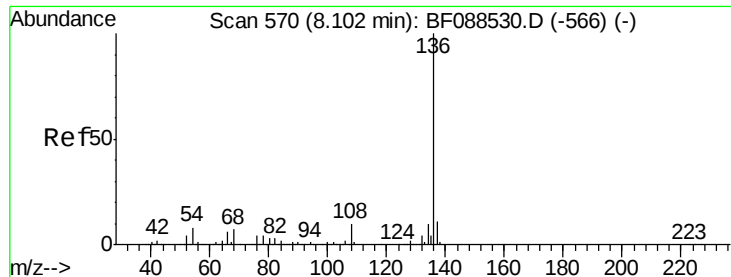
Tot Ion: 70 Resp: 104871
Ion Ratio Lower Upper
70 100
42 55.7 49.6 74.4
101 9.5 7.1 10.7
130 19.4 15.4 23.2



#20
3+4-Methylphenols
Concen: 39.46 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion: 107 Resp: 165003
Ion Ratio Lower Upper
107 100
108 94.6 67.8 107.8
77 32.6 59.3 99.3#
79 32.6 7.0 47.0

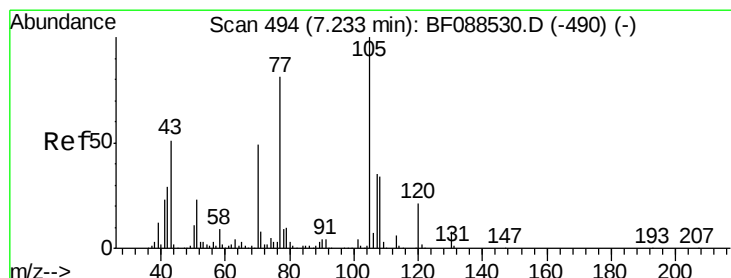
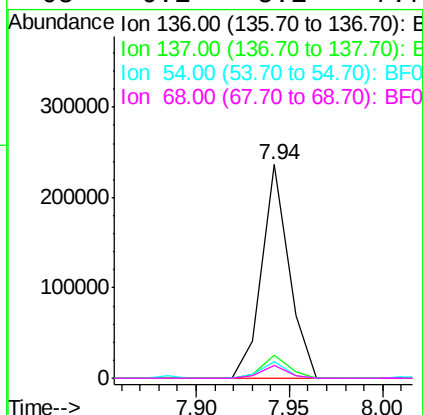
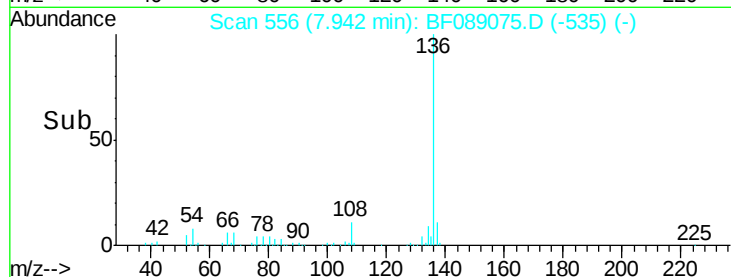
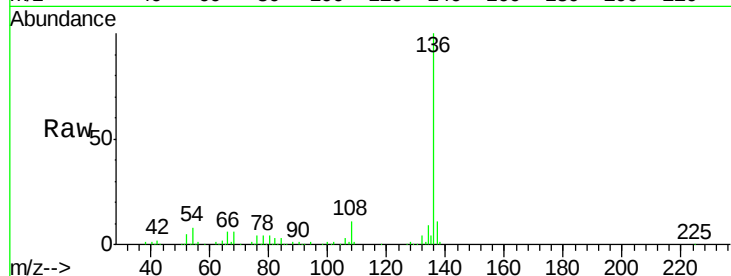




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

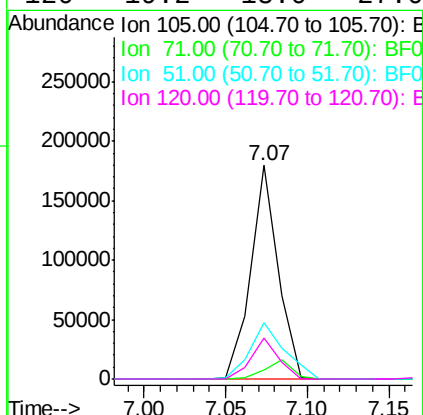
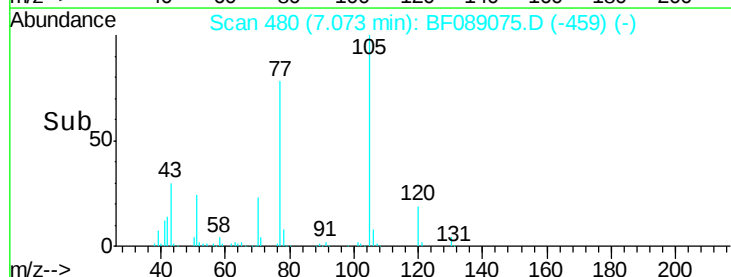
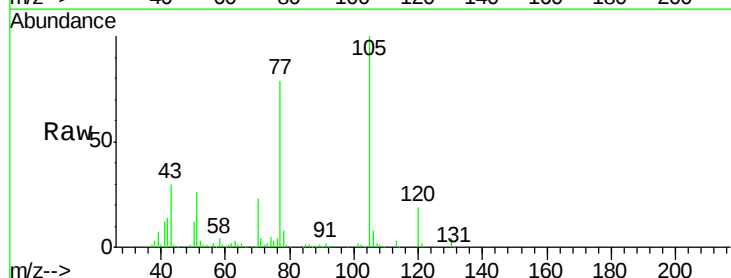
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

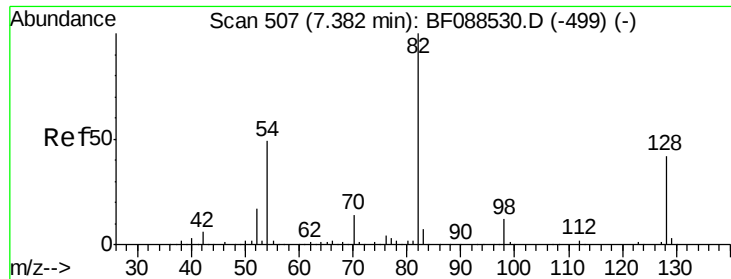
Tot Ion:136	Resp:	237713
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	8.0	6.6 10.0
68	6.1	5.1 7.7



#22
Acetophenone
Concen: 36.26 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:105	Resp:	209227
Ion Ratio	Lower	Upper
105	100	
71	3.9	5.3 7.9#
51	26.3	18.2 27.4
120	19.2	18.0 27.0

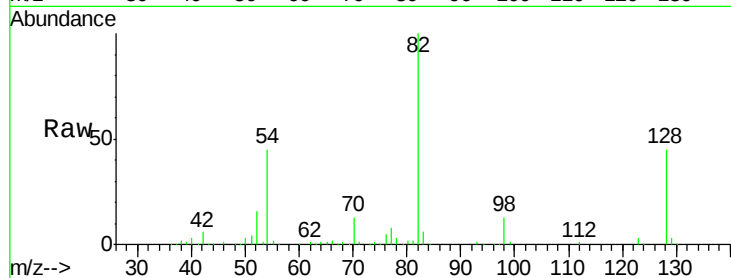




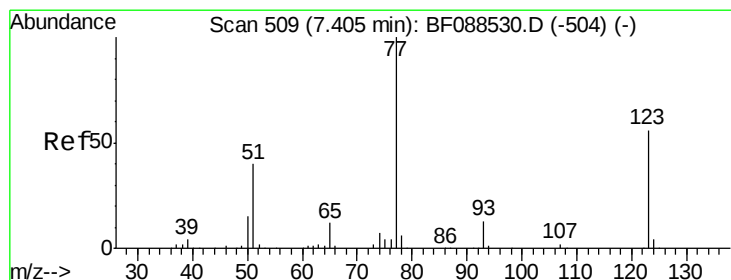
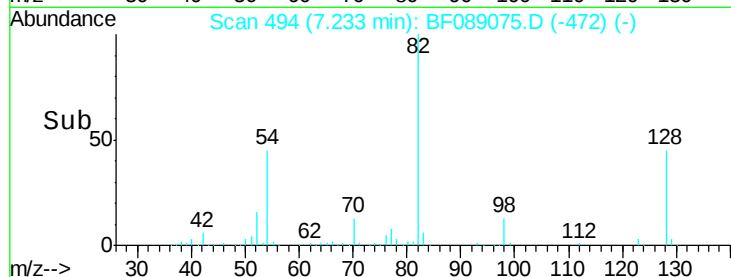
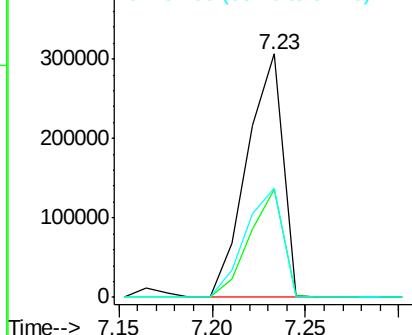
#23
Nitrobenzene-d5
Concen: 90.11 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion: 82 Resp: 408770
Ion Ratio Lower Upper
82 100
128 44.5 35.9 53.9
54 45.1 40.9 61.3

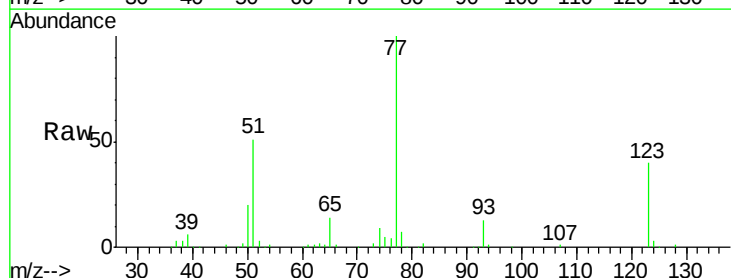


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

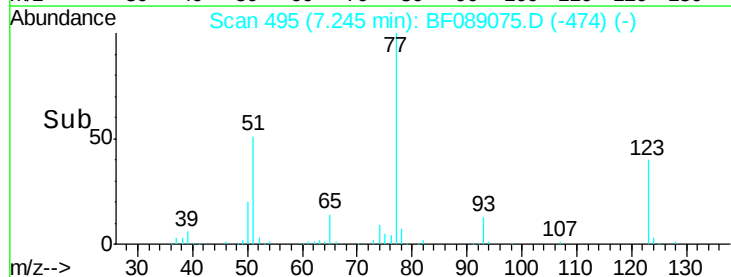
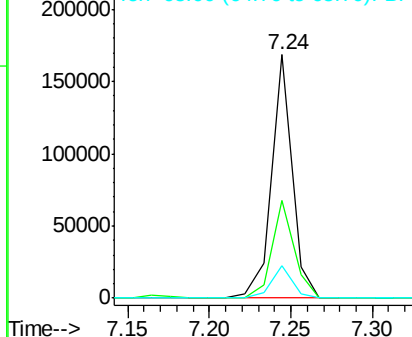


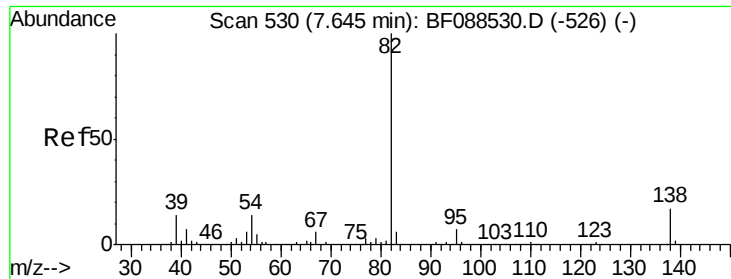
#24
Nitrobenzene
Concen: 32.60 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion: 77 Resp: 149093
Ion Ratio Lower Upper
77 100
123 40.0 45.0 67.4#
65 13.6 10.2 15.2



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: 34.17 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

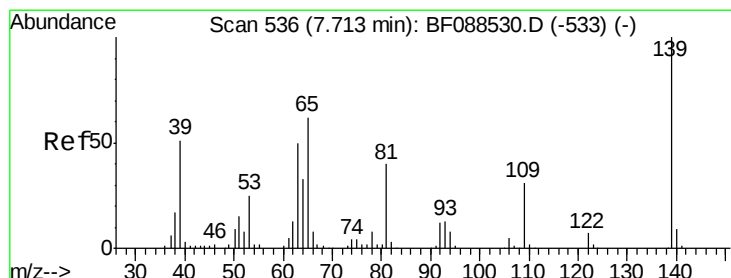
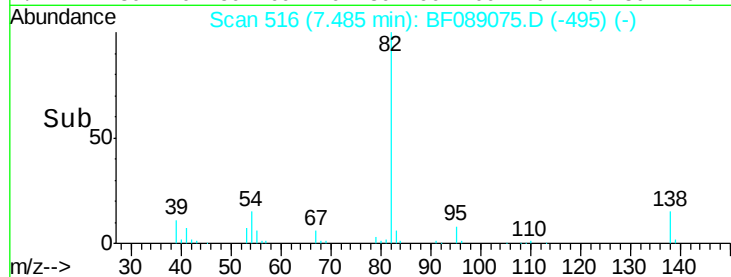
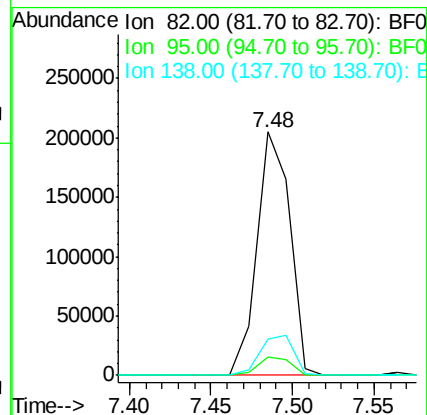
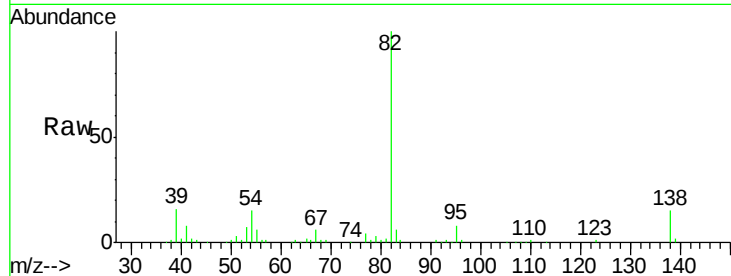
Tot Ion: 82 Resp: 287111

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 15.1 14.6 21.8



#26

2-Nitrophenol

Concen: 43.98 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

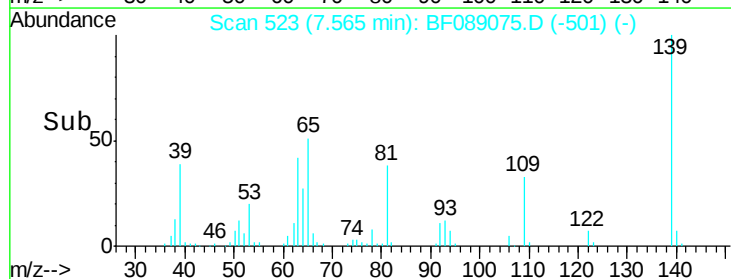
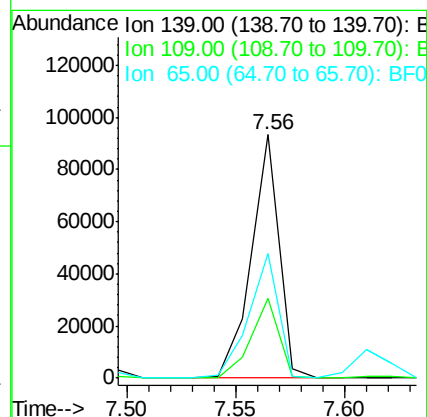
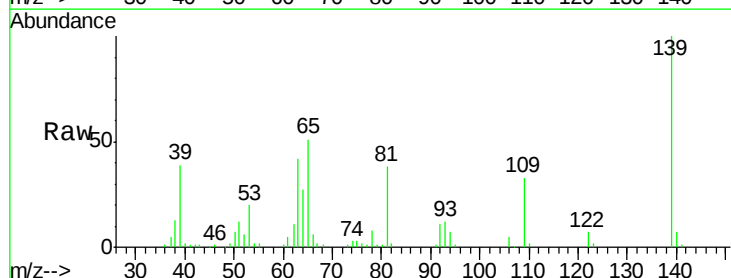
Tgt Ion: 139 Resp: 82474

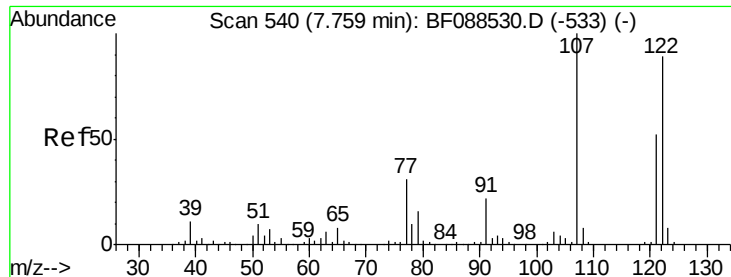
Ion Ratio Lower Upper

139 100

109 32.8 23.0 34.4

65 51.3 45.8 68.8

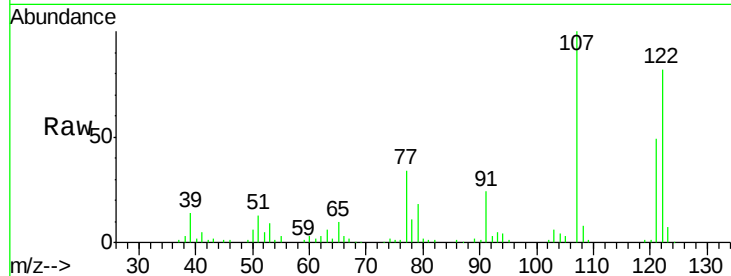




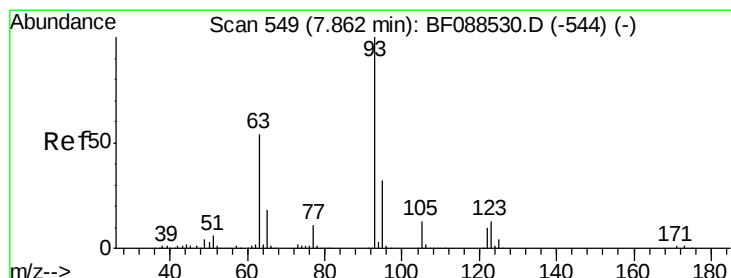
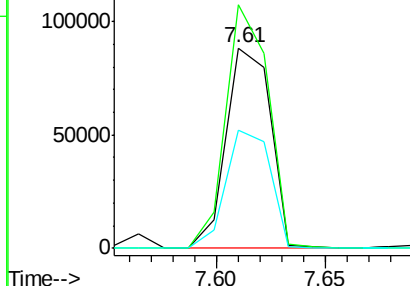
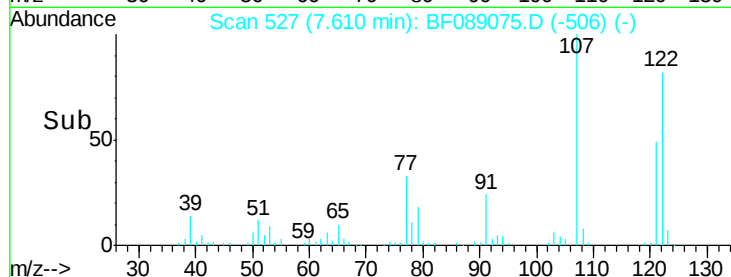
#27
2,4-Dimethylphenol
Concen: 32.13 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:122 Resp: 125491
Ion Ratio Lower Upper
122 100
107 121.4 82.4 123.6
121 58.9 46.3 69.5

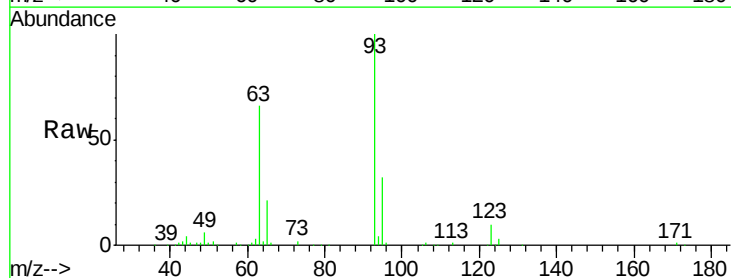


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

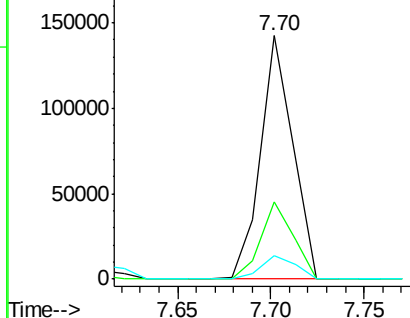
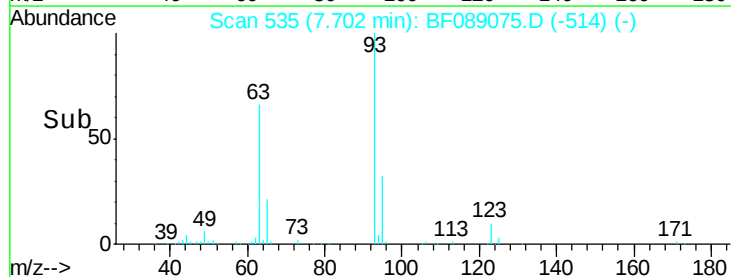


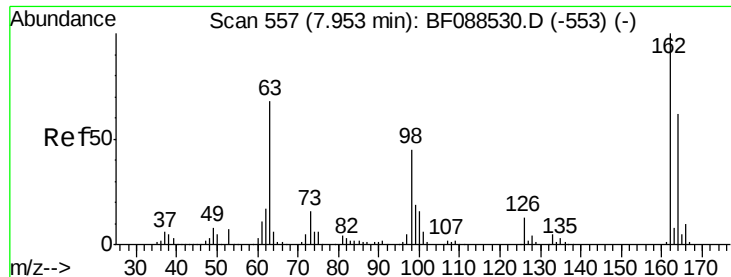
#28
bis(2-Chloroethoxy)methane
Concen: 31.00 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion: 93 Resp: 169483
Ion Ratio Lower Upper
93 100
95 31.6 26.5 39.7
123 9.6 11.6 17.4#



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

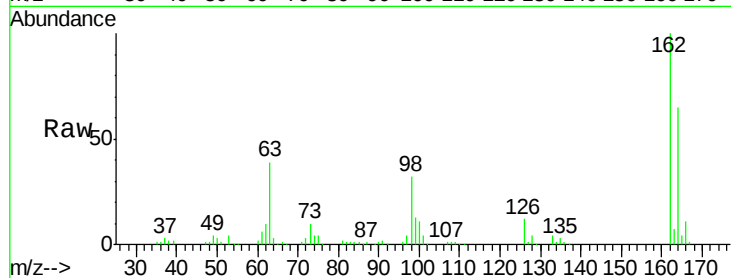




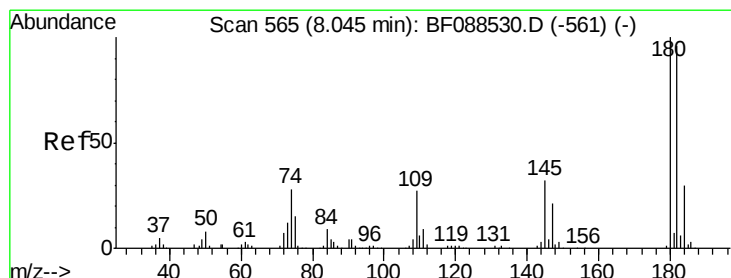
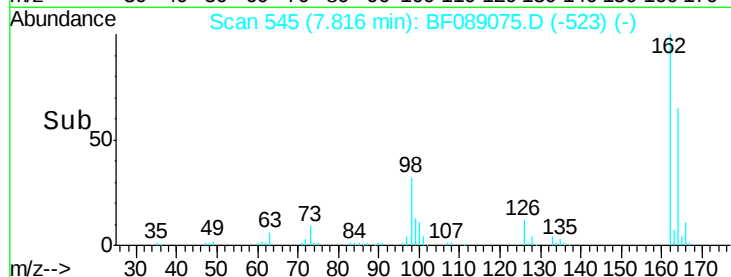
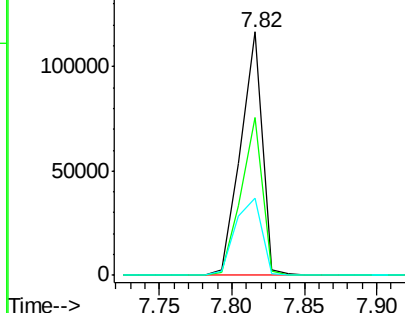
#29
 2,4-Dichlorophenol
 Concen: 38.38 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	31.8	21.3	61.3

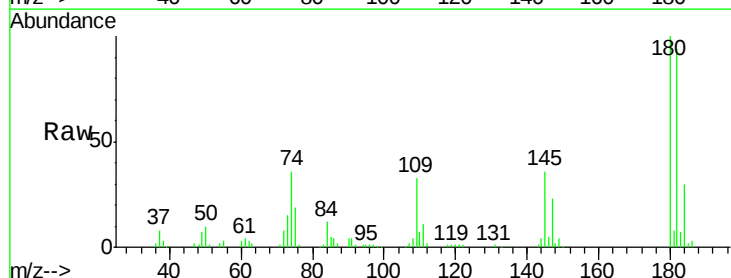


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

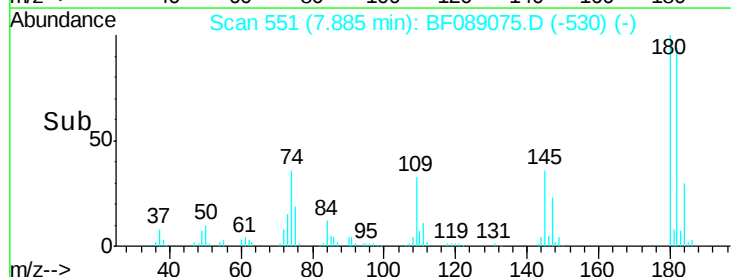
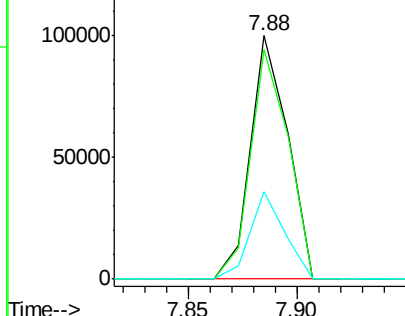


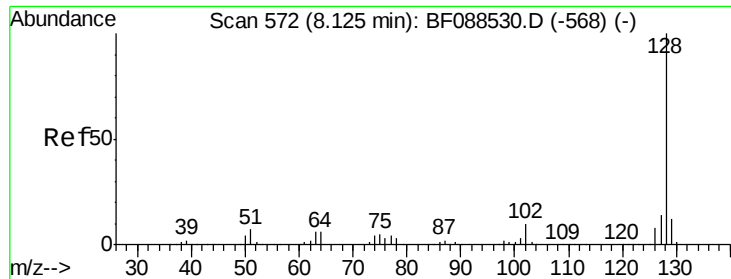
#30
 1,2,4-Trichlorobenzene
 Concen: 34.29 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	35.7	26.5	39.7



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

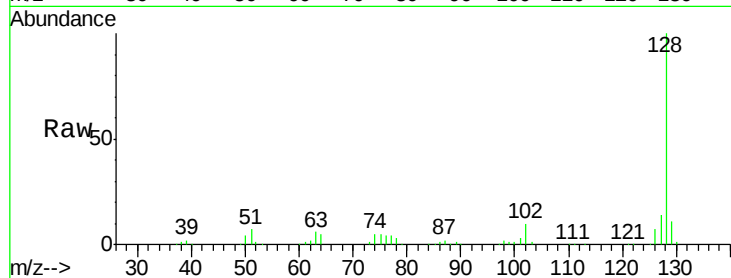




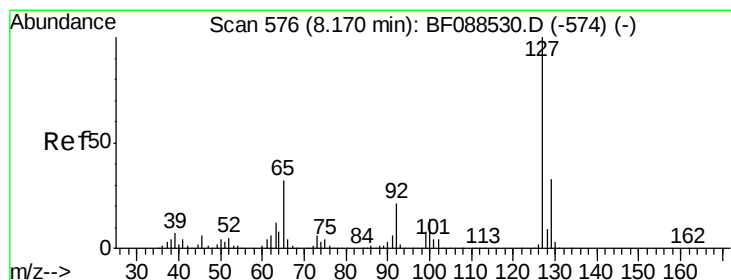
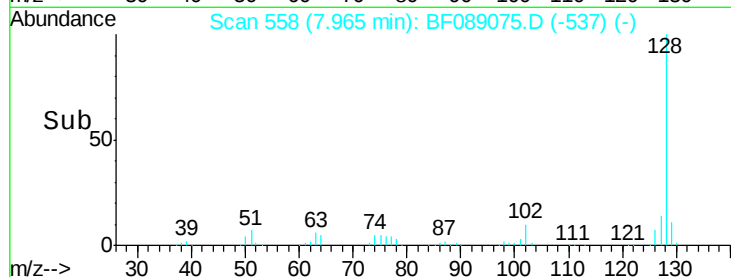
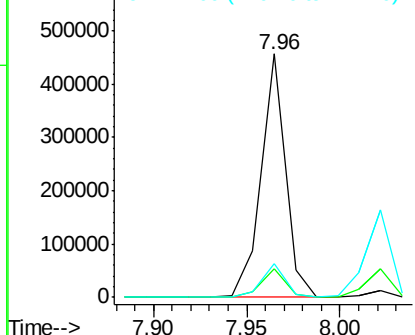
#31
Naphthalene
Concen: 34.93 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:128 Resp: 409319
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.8 10.9 16.3

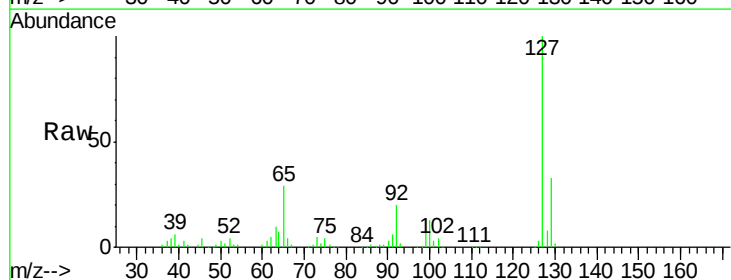


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

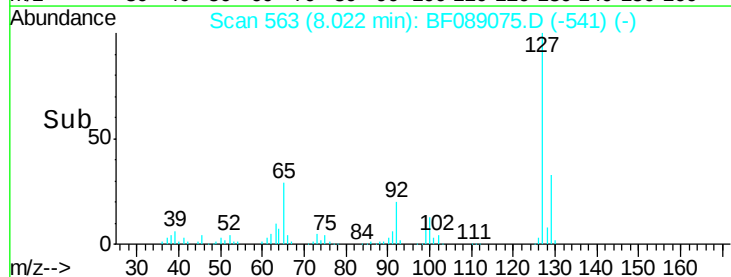
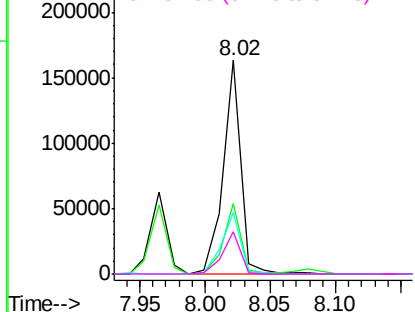


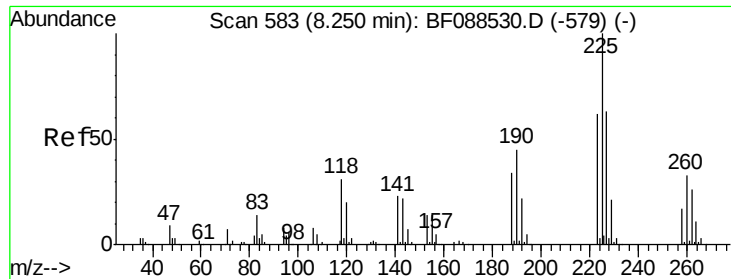
#33
4-Chloroaniline
Concen: 29.69 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:127 Resp: 154830
Ion Ratio Lower Upper
127 100
129 33.1 26.3 39.5
65 28.8 24.7 37.1
92 19.6 15.4 23.0



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: 37.65 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

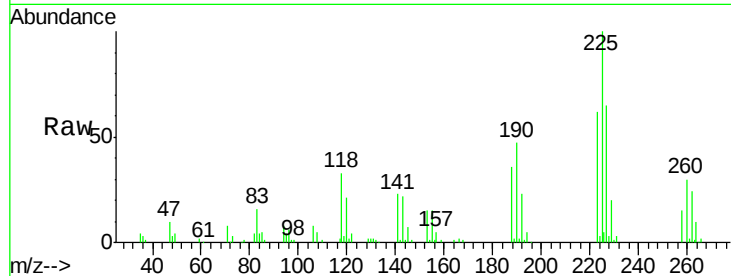
Tot Ion:225 Resp: 69845

Ion Ratio Lower Upper

225 100

223 62.5 50.9 76.3

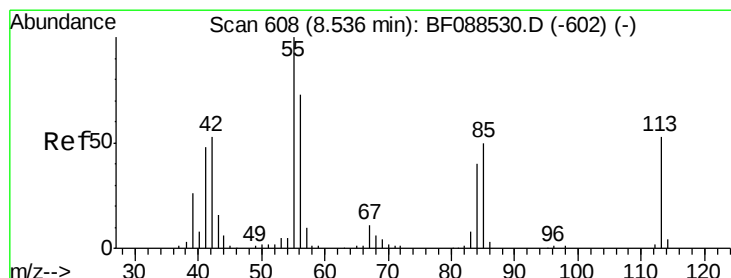
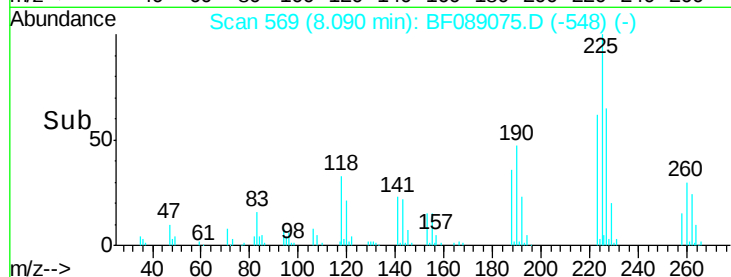
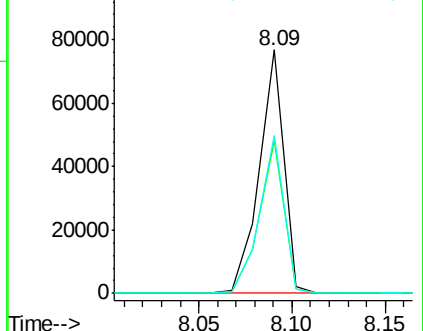
227 65.1 51.9 77.9



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: 29.09 ng m

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

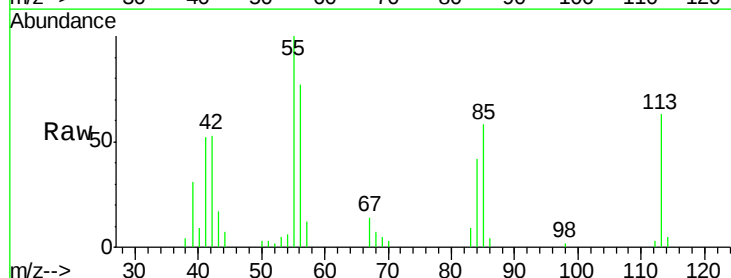
Tgt Ion:113 Resp: 31189

Ion Ratio Lower Upper

113 100

55 159.7 158.6 198.6

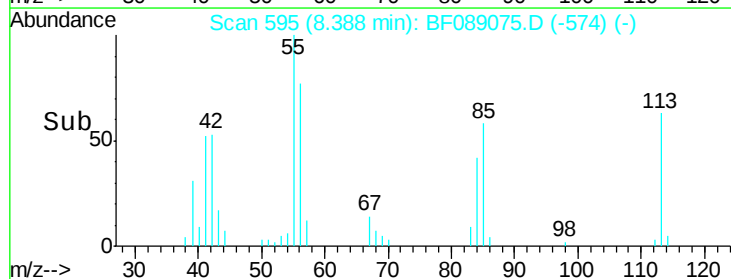
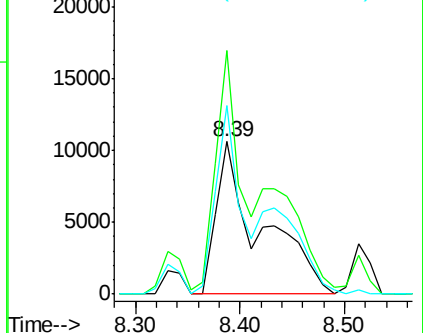
56 123.4 110.6 150.6

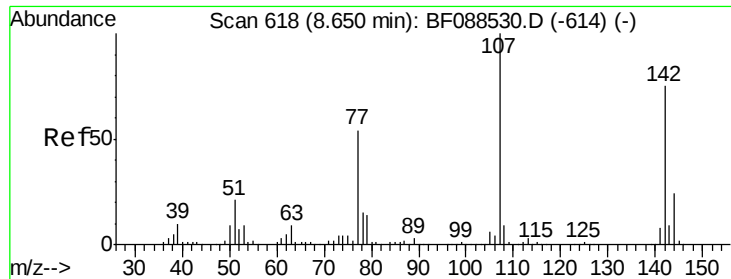


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

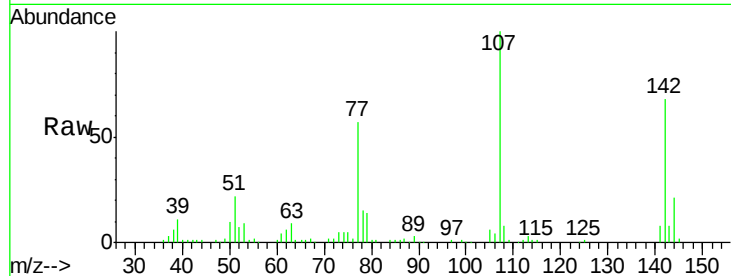




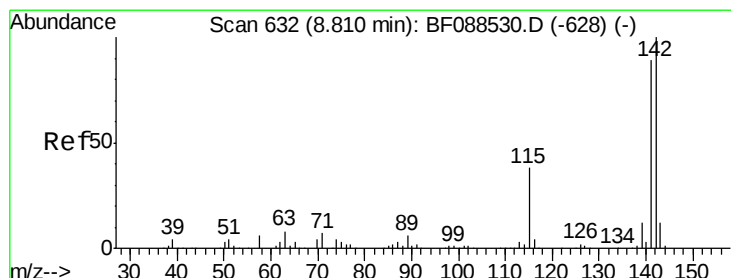
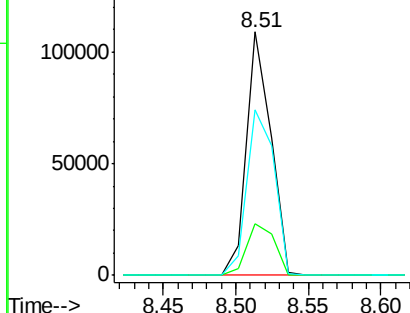
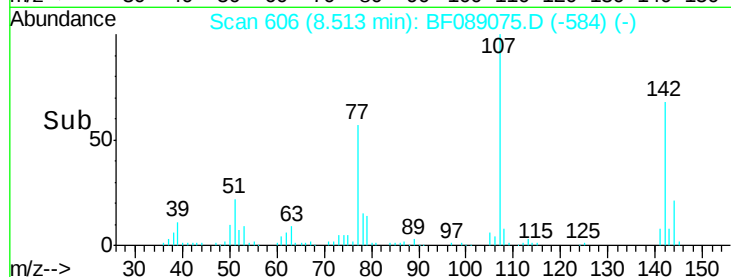
#36
4-Chloro-3-methylphenol
Concen: 34.18 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:107 Resp: 127587
Ion Ratio Lower Upper
107 100
144 21.2 20.8 31.2
142 67.8 63.4 95.2

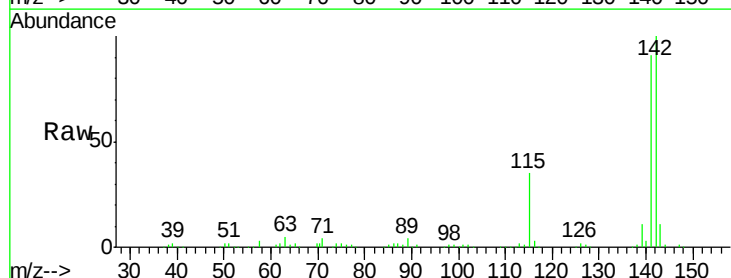


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

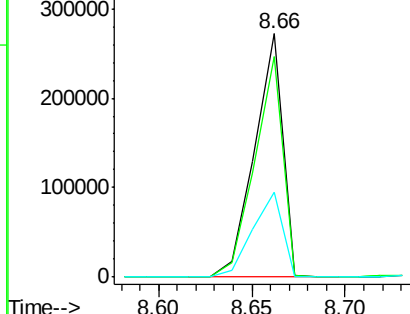
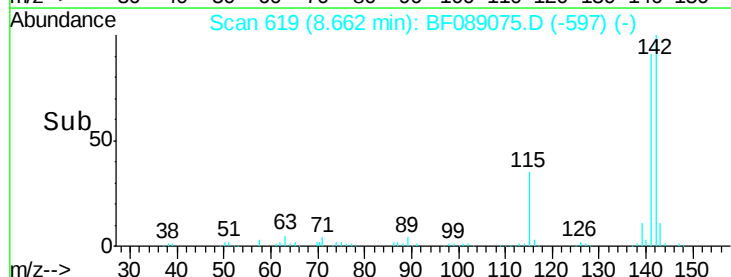


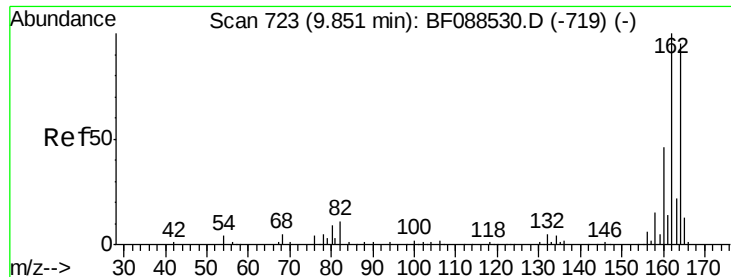
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:142 Resp: 288025
Ion Ratio Lower Upper
142 100
141 90.8 71.0 106.6
115 34.6 22.6 33.8#



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

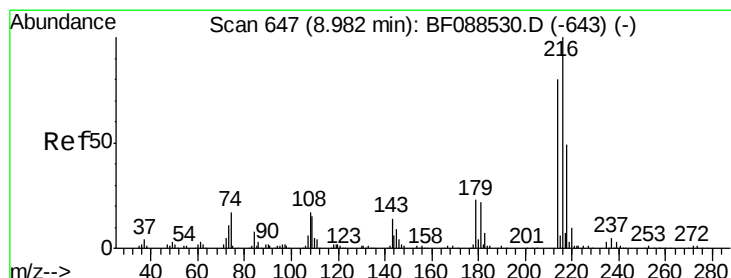
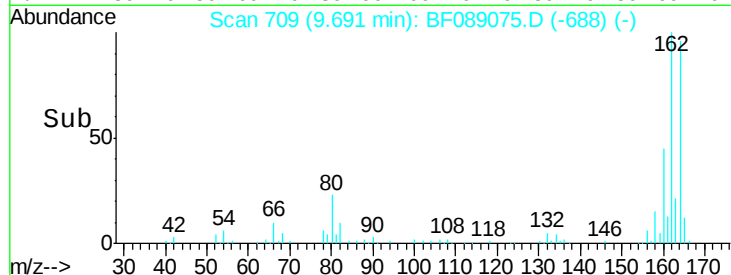
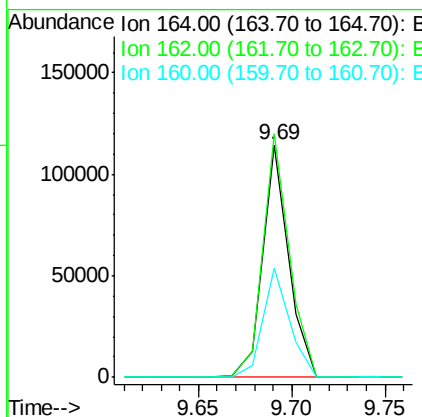
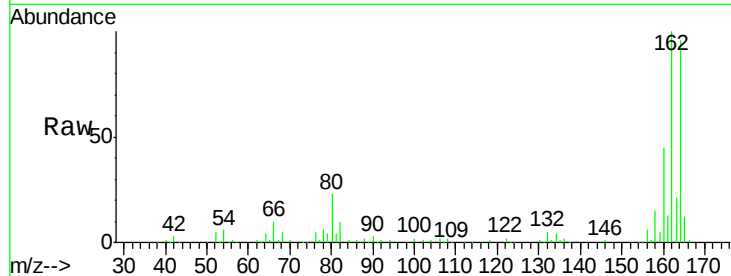




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

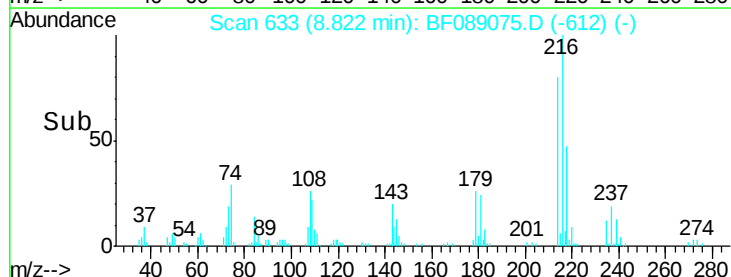
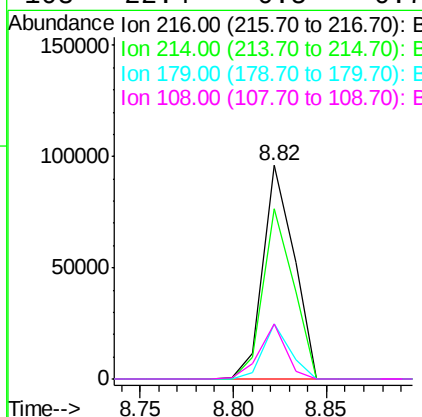
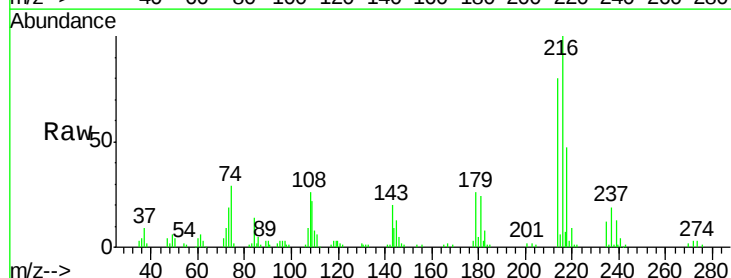
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

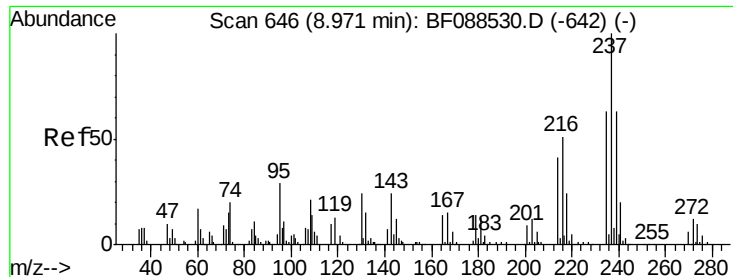
Tot Ion:164 Resp: 108983
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 47.2 39.5 59.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.33 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:216 Resp: 109940
 Ion Ratio Lower Upper
 216 100
 214 78.3 2.9 4.3#
 179 22.7 0.0 0.0#
 108 22.4 0.5 0.7#





#40

Hexachlorocyclopentadiene

Concen: 35.78 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

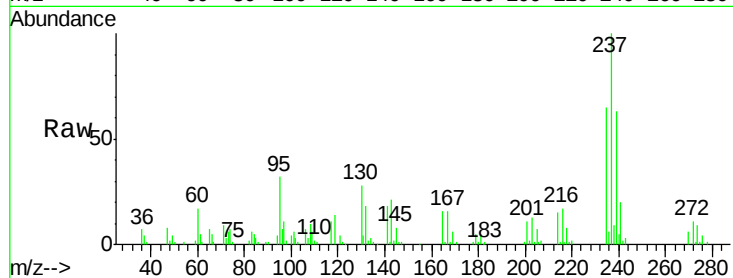
Tot Ion:237 Resp: 63661

Ion Ratio Lower Upper

237 100

235 64.8 43.4 83.4

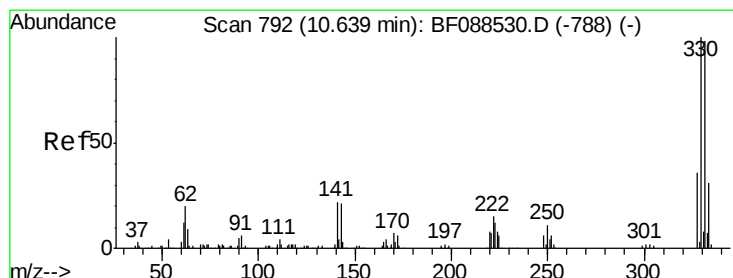
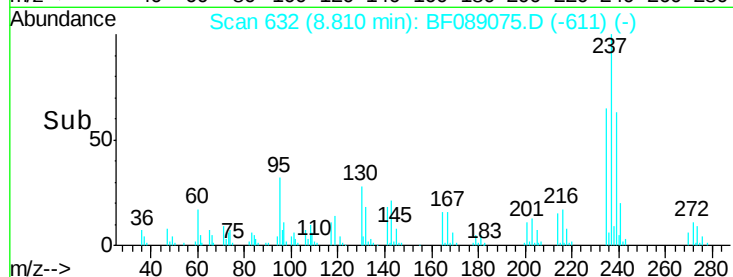
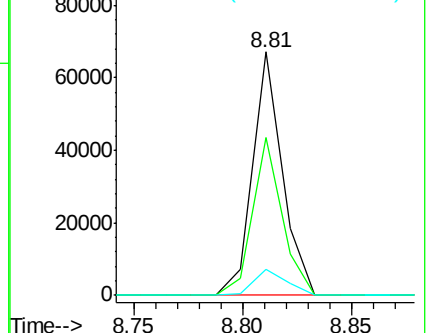
272 10.8 0.0 32.3



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: 108.58 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

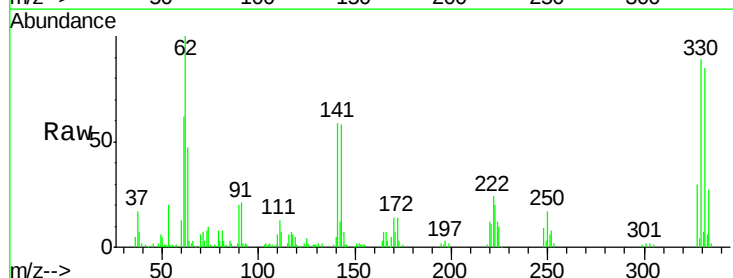
Tgt Ion:330 Resp: 109884

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

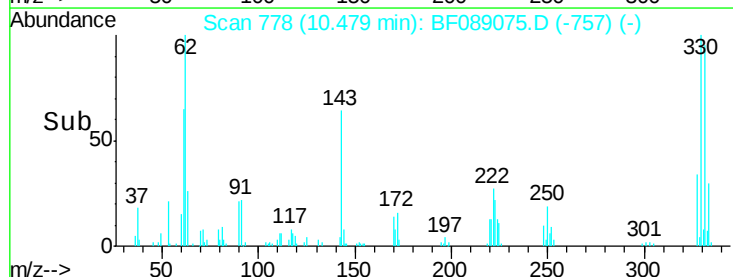
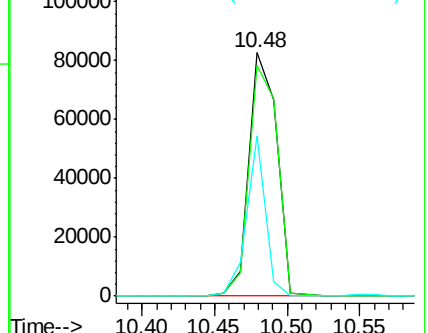
141 45.2 0.0 0.0#

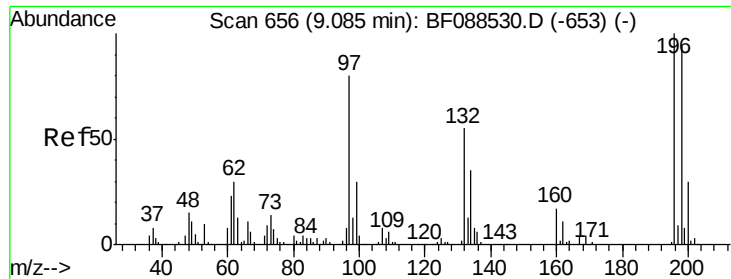


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

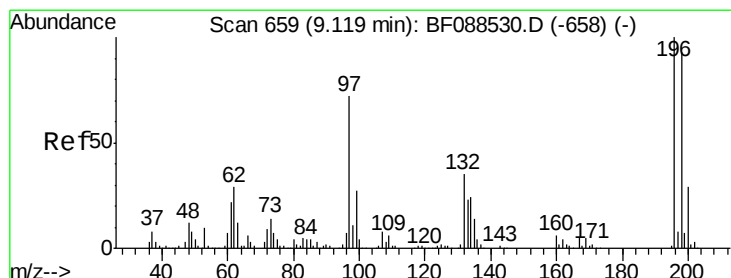
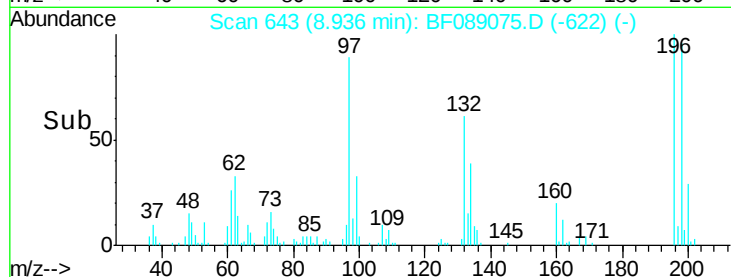
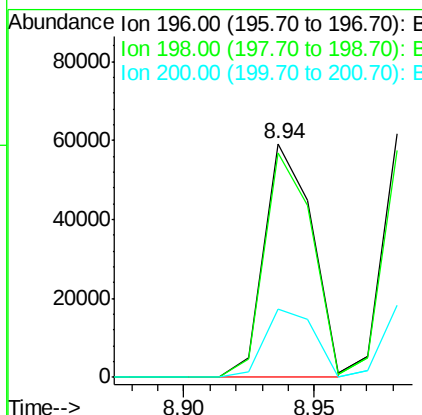
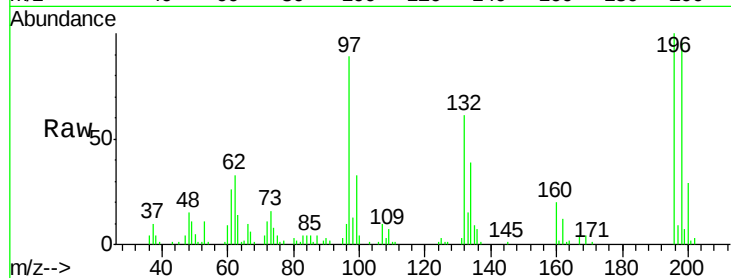




#42
 2,4,6-Trichlorophenol
 Concen: 31.57 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

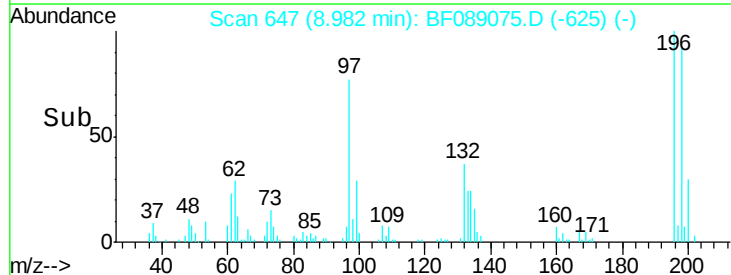
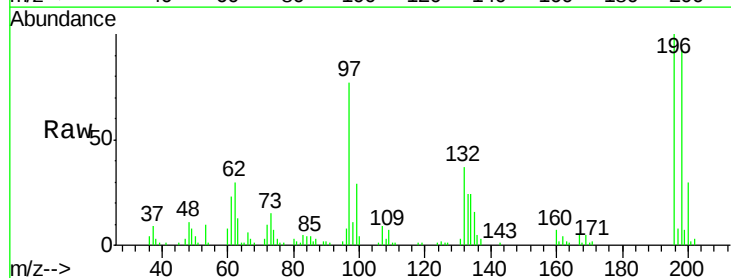
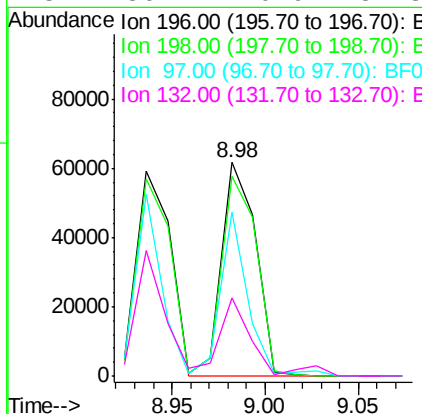
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

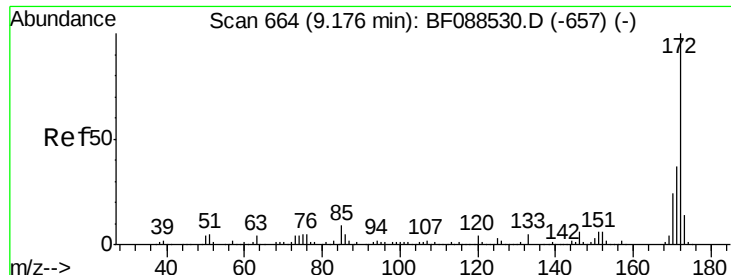
Tot Ion:196 Resp: 75443
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.0 117.0
 200 29.2 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 38.52 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:196 Resp: 79208
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.5 116.3
 97 76.6 32.0 48.0#
 132 36.7 20.9 31.3#

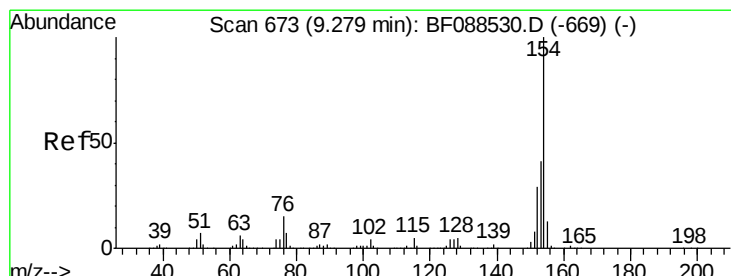
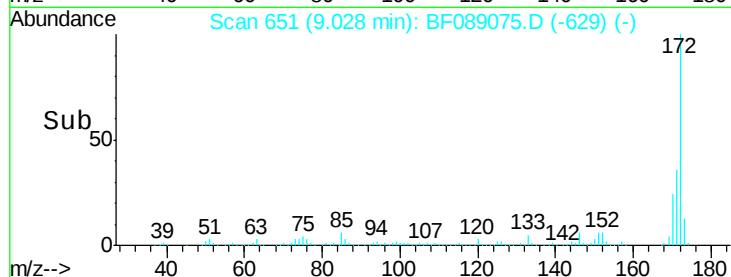
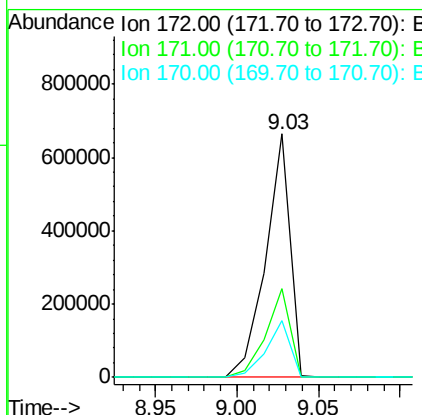
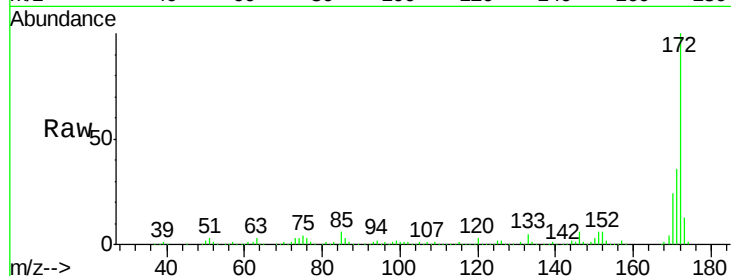




#44
 2-Fluorobiphenyl
 Concen: 99.88 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

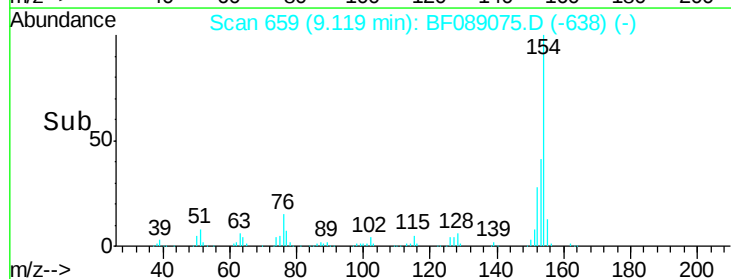
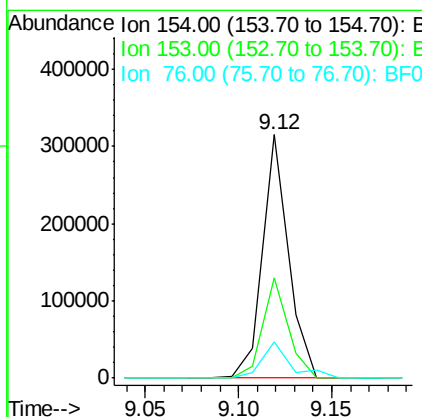
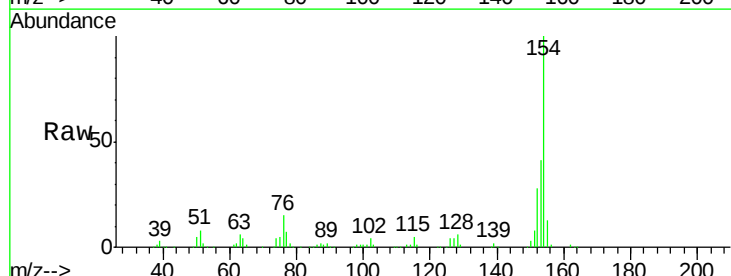
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

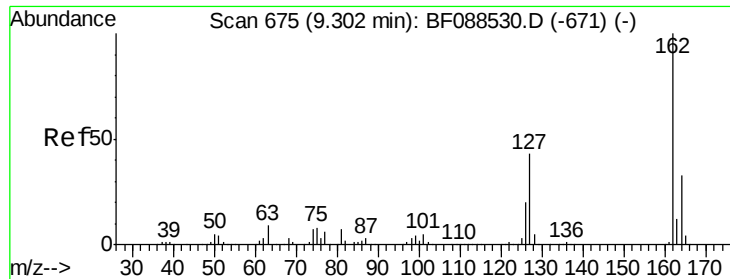
Tot Ion:172 Resp: 689114
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 23.5 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 33.19 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:154 Resp: 299559
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 15.1 0.0 35.1

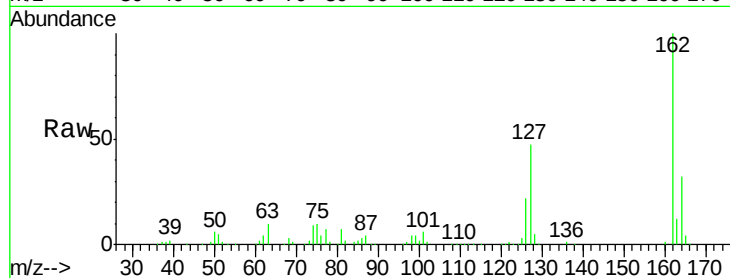




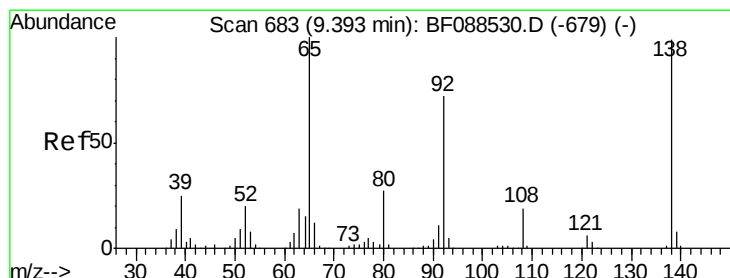
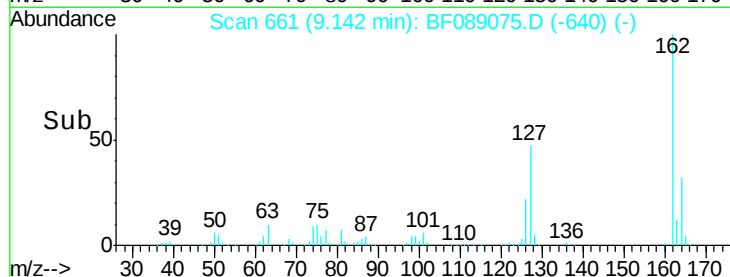
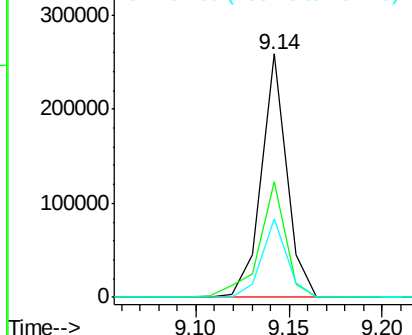
#46
 2-Chloronaphthalene
 Concen: 34.05 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

Tot Ion:162 Resp: 241240
 Ion Ratio Lower Upper
 162 100
 127 47.4 35.2 52.8
 164 32.4 26.6 39.8

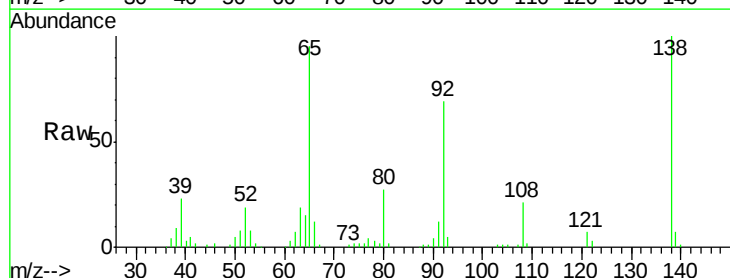


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

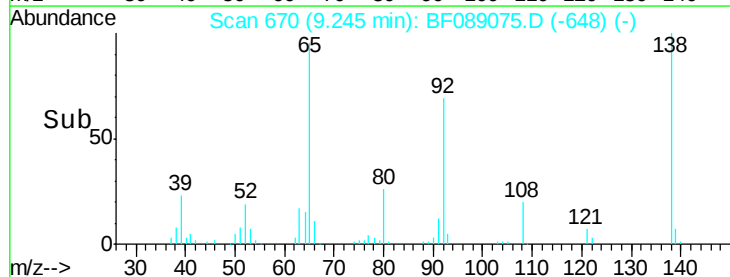
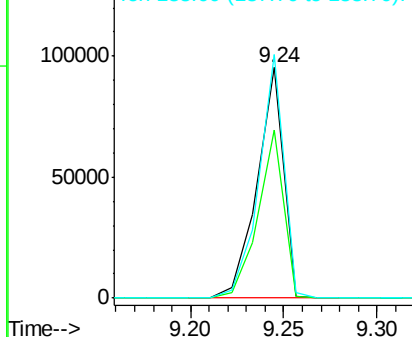


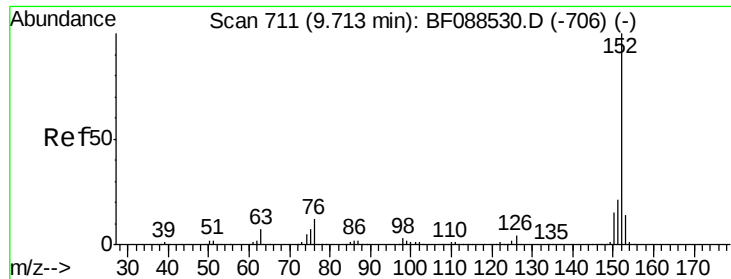
#47
 2-Nitroaniline
 Concen: 36.95 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion: 65 Resp: 92900
 Ion Ratio Lower Upper
 65 100
 92 73.0 54.6 82.0
 138 105.5 77.0 115.4



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





#48

Acenaphthylene

Concen: 33.98 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

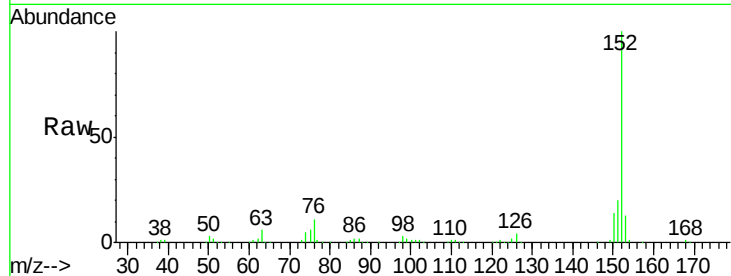
Tot Ion:152 Resp: 383006

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

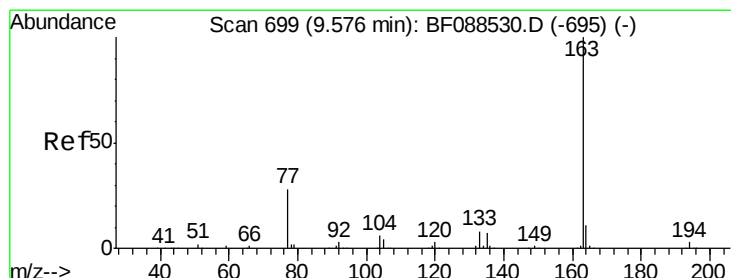
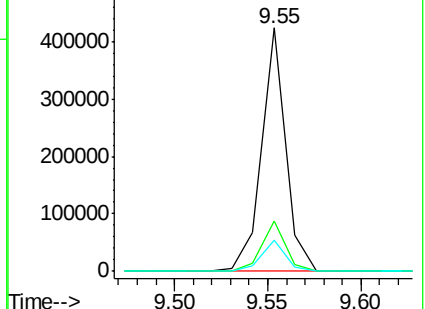
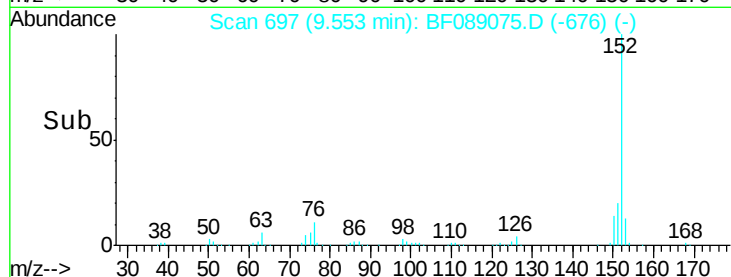
153 13.0 11.0 16.6



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: 54.46 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

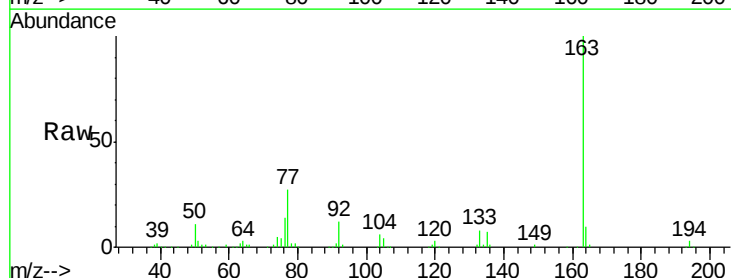
Tgt Ion:163 Resp: 422881

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

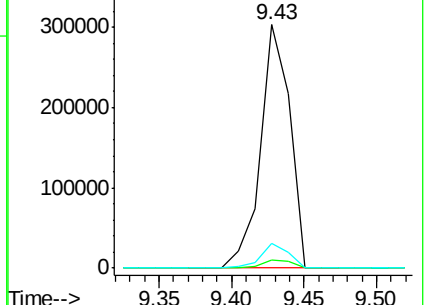
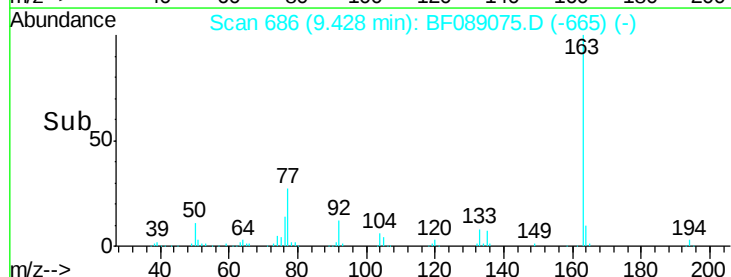
164 10.4 8.3 12.5

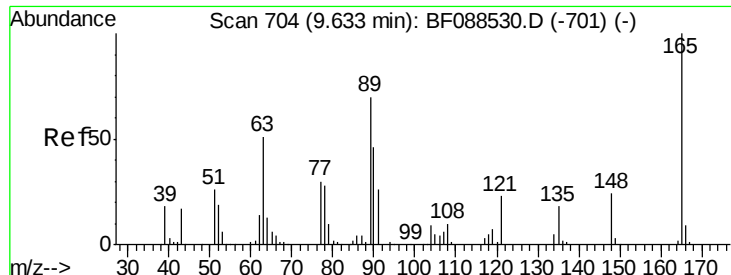


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

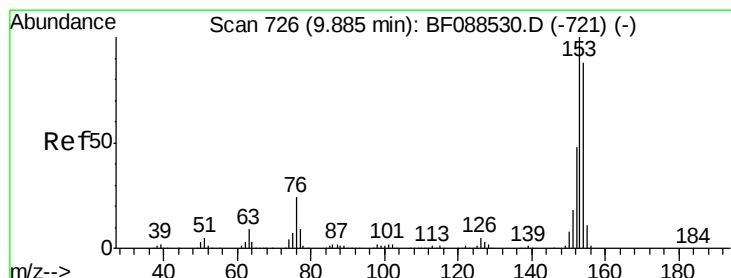
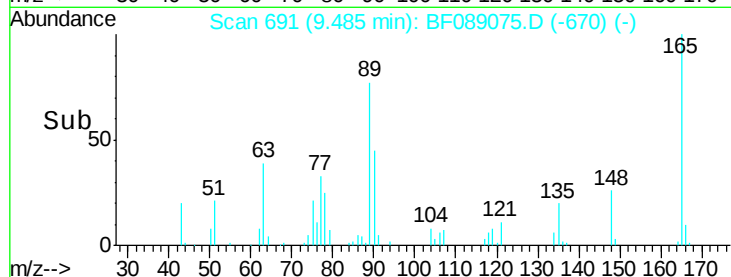
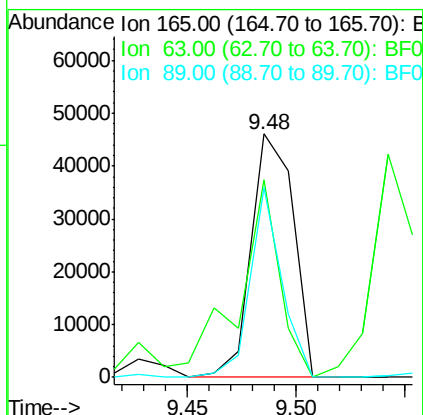
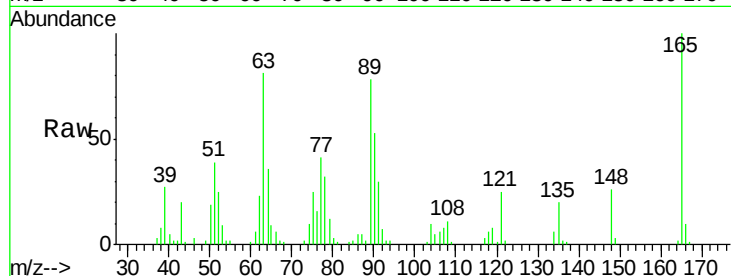




#50
2,6-Dinitrotoluene
Concen: 36.29 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

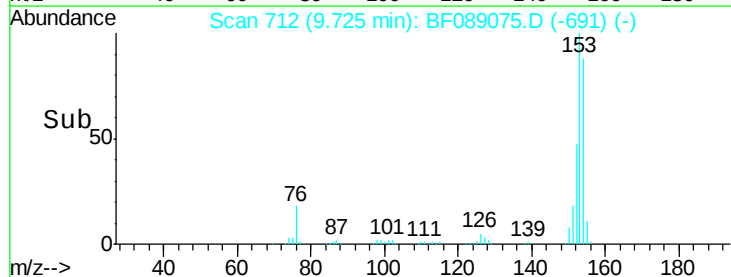
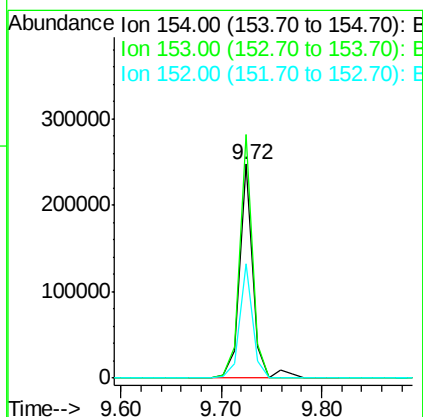
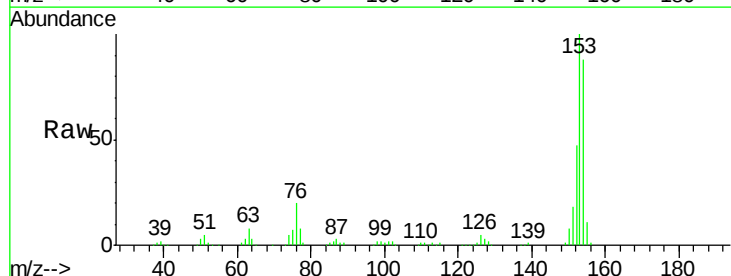
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

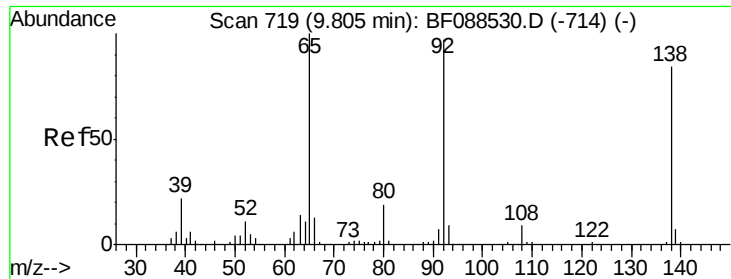
Tot Ion:165 Resp: 62449
Ion Ratio Lower Upper
165 100
63 81.0 28.1 42.1#
89 78.2 32.2 48.2#



#51
Acenaphthene
Concen: 33.15 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:154 Resp: 229057
Ion Ratio Lower Upper
154 100
153 113.9 89.5 134.3
152 53.4 42.7 64.1

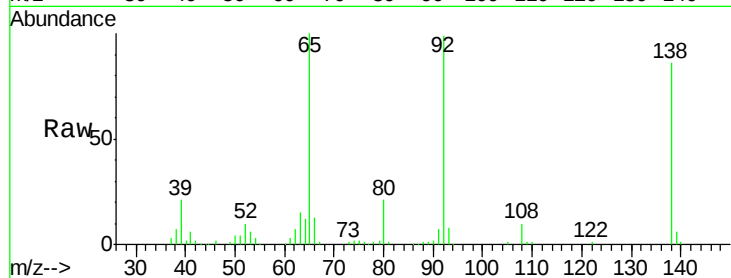




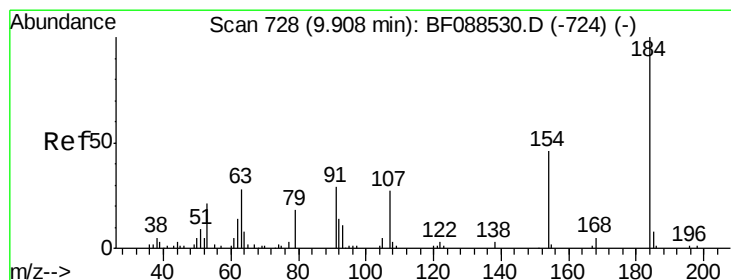
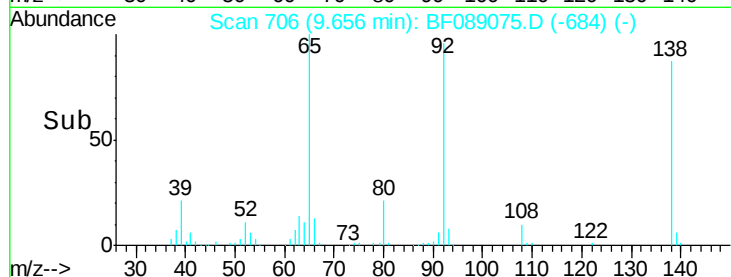
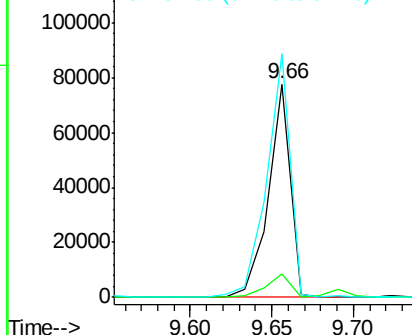
#52
3-Nitroaniline
Concen: 33.05 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:138 Resp: 72298
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 114.3 95.7 143.5

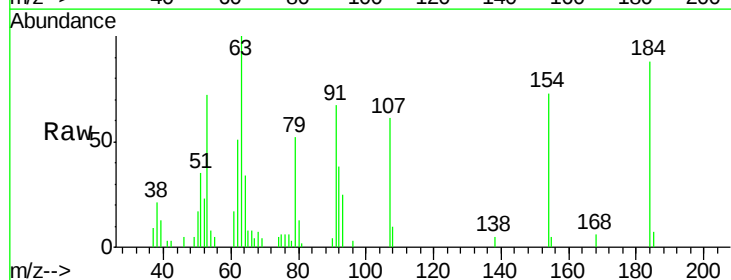


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

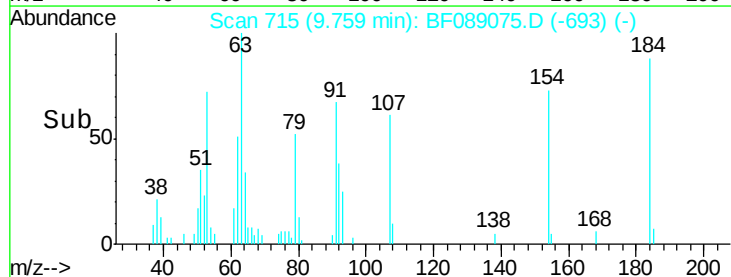
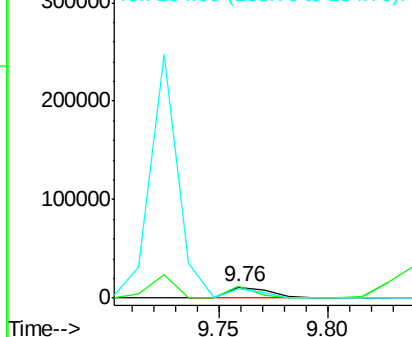


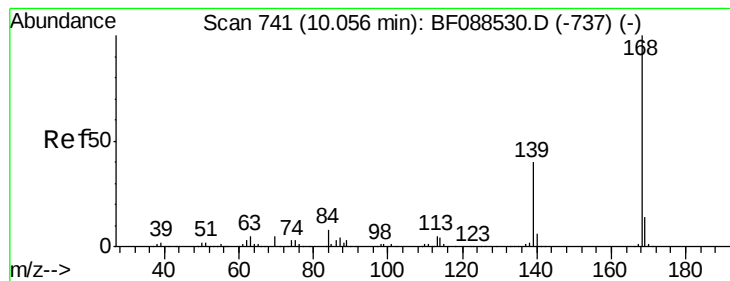
#53
2,4-Dinitrophenol
Concen: 19.10 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:184 Resp: 14509
Ion Ratio Lower Upper
184 100
63 114.0 57.6 86.4#
154 83.3 53.5 80.3#



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: 37.06 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

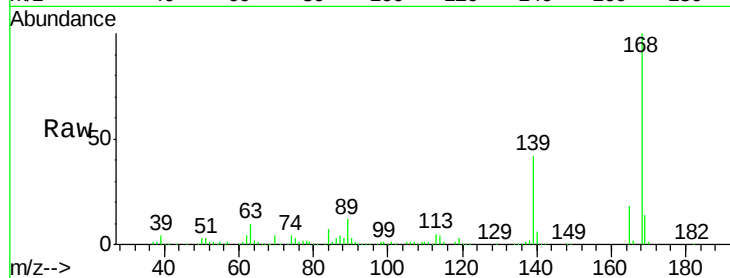
Tot Ion:168 Resp: 335220

Ion Ratio Lower Upper

168 100

139 42.4 26.4 39.6#

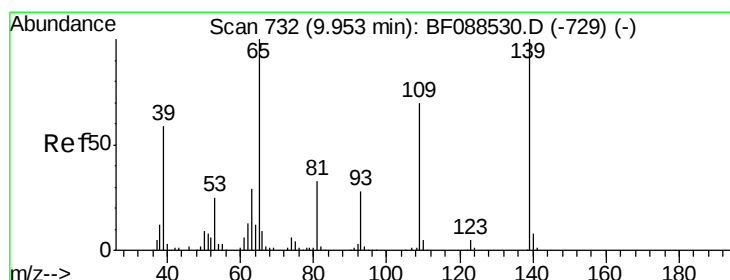
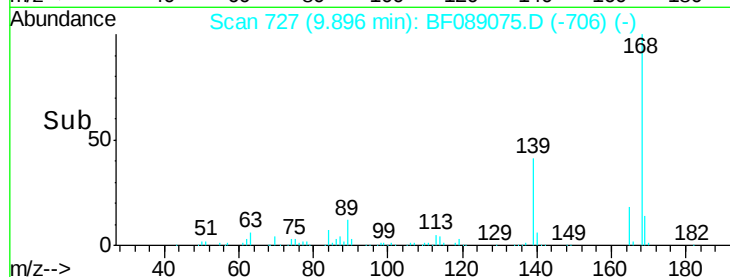
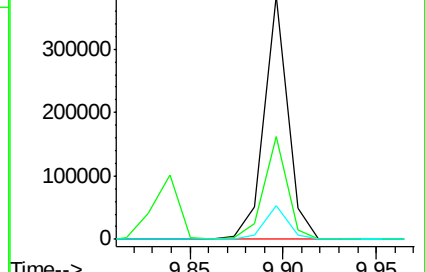
169 13.6 10.4 15.6



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: 60.94 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

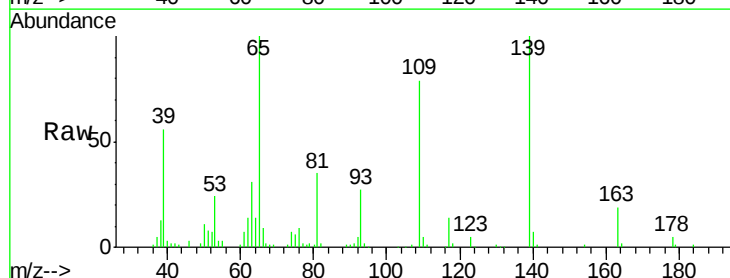
Tgt Ion:139 Resp: 101308

Ion Ratio Lower Upper

139 100

109 78.7 48.9 88.9

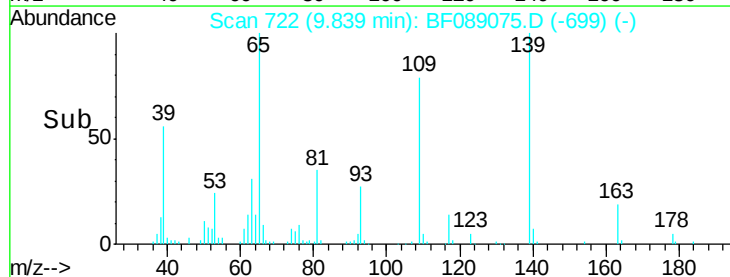
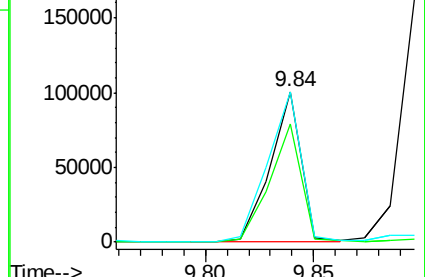
65 99.5 84.9 124.9

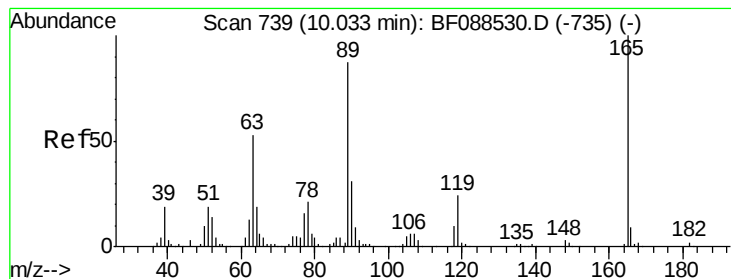


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 38.41 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

Tot Ion:165 Resp: 86427

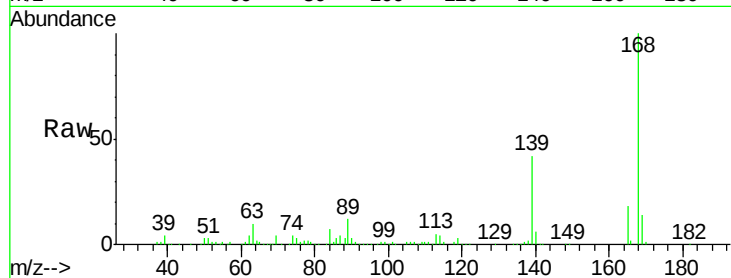
Ion Ratio Lower Upper

165 100

63 53.2 22.0 33.0#

89 65.3 41.1 61.7#

182 2.7 2.0 3.0

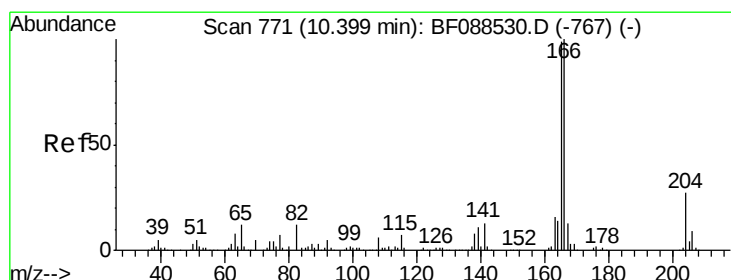
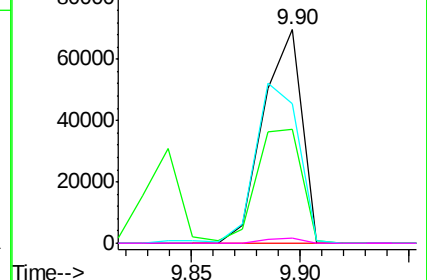
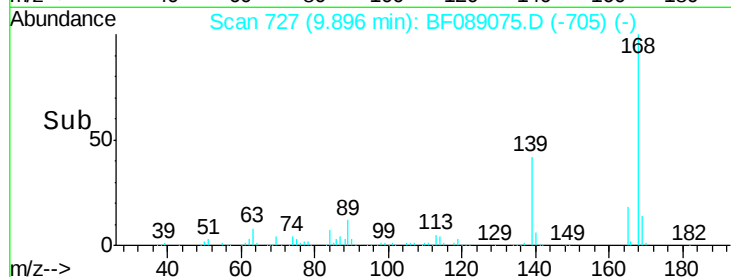


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.28 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

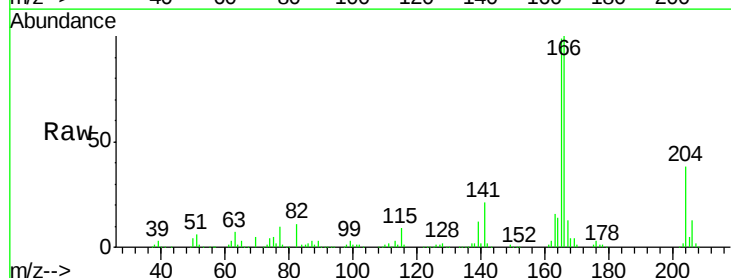
Tgt Ion:166 Resp: 280754

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

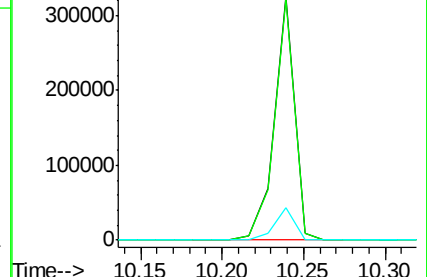
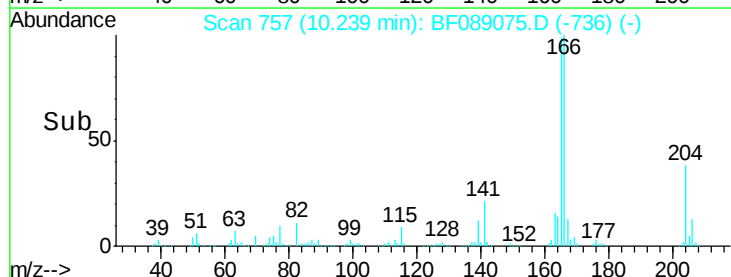
167 13.4 11.2 16.8

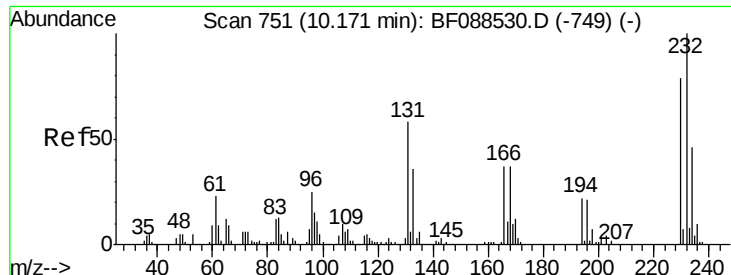


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

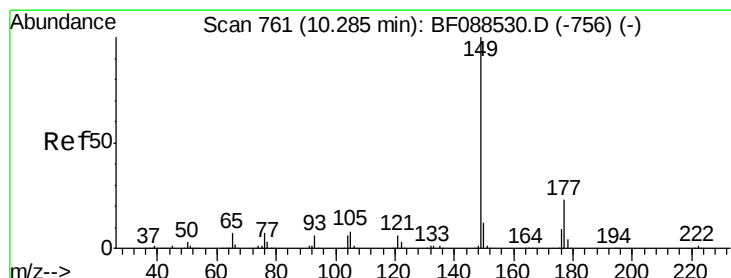
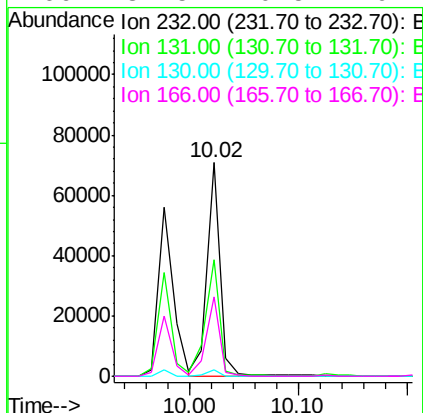
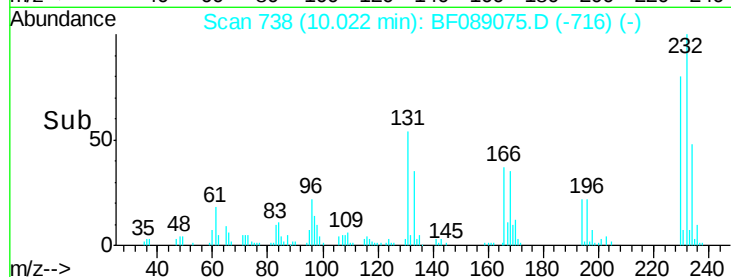
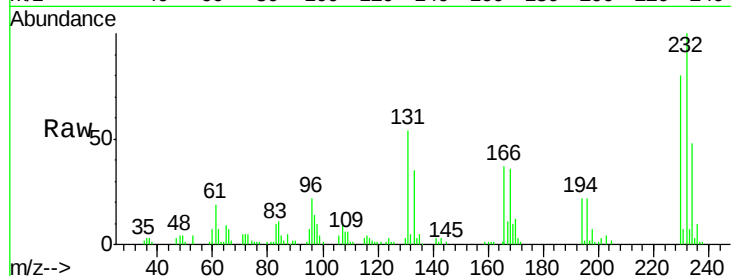




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.28 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

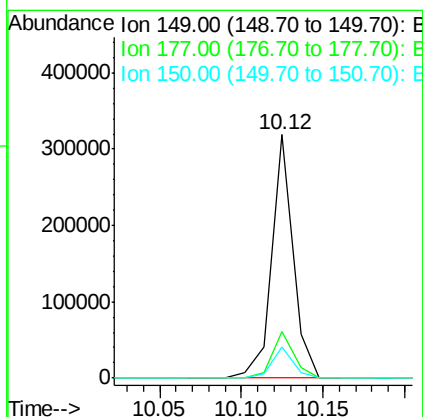
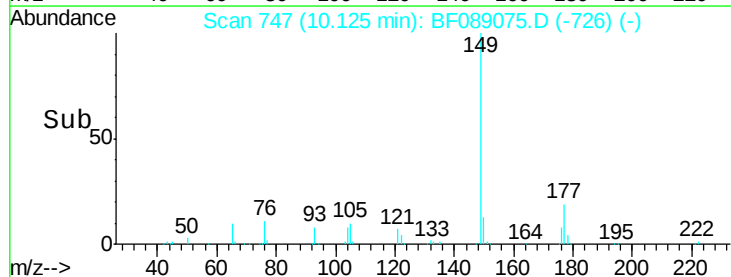
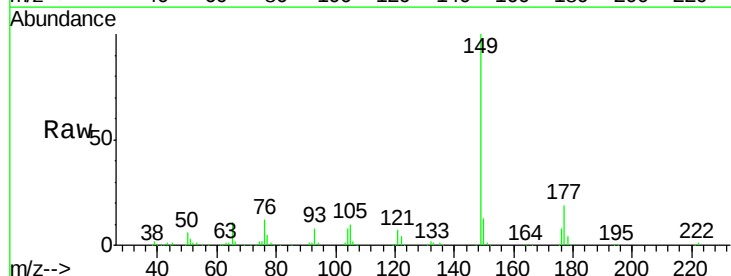
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

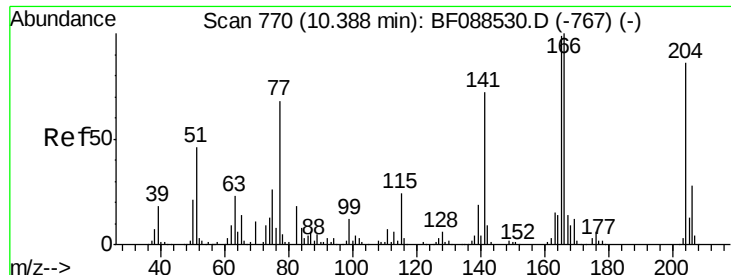
Tot Ion:232 Resp: 60893
 Ion Ratio Lower Upper
 232 100
 131 58.3 0.9 1.3#
 130 3.0 1.5 2.3#
 166 37.5 0.5 0.7#



#59
 Diethylphthalate
 Concen: 37.44 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:149 Resp: 291765
 Ion Ratio Lower Upper
 149 100
 177 19.3 16.9 25.3
 150 12.6 10.1 15.1

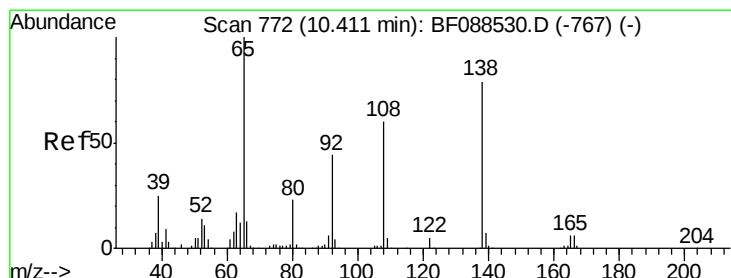
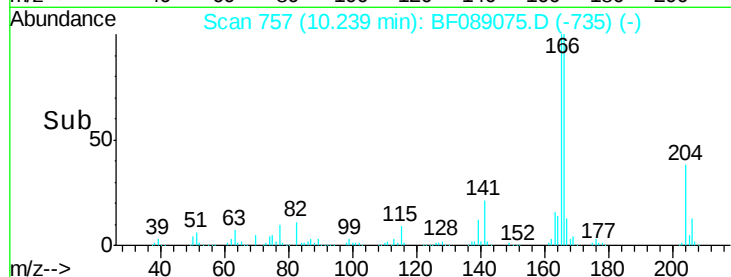
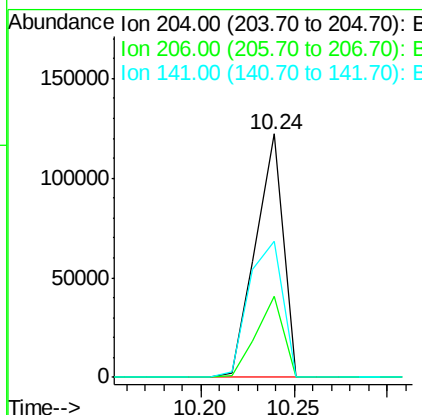
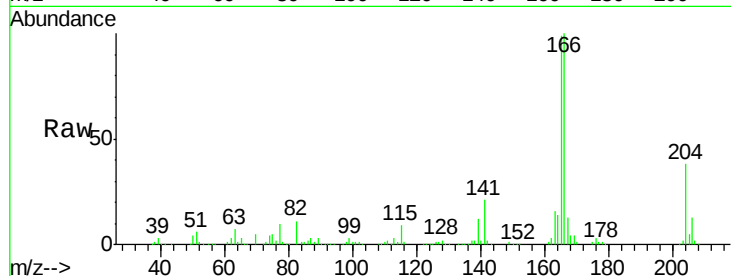




#60
4-Chlorophenyl-phenylether
Concen: 38.83 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

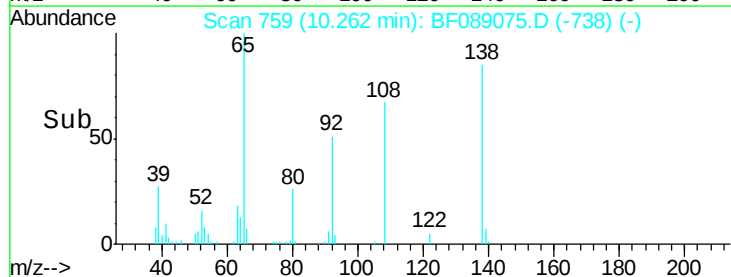
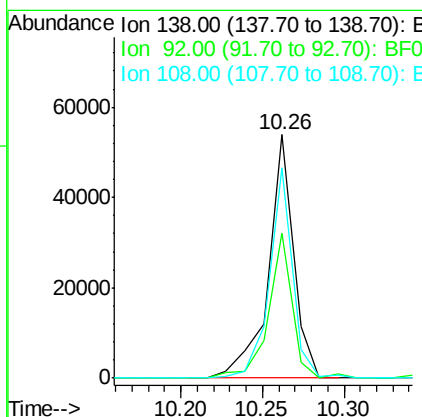
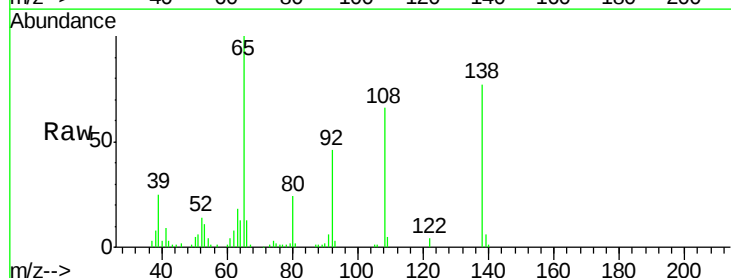
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

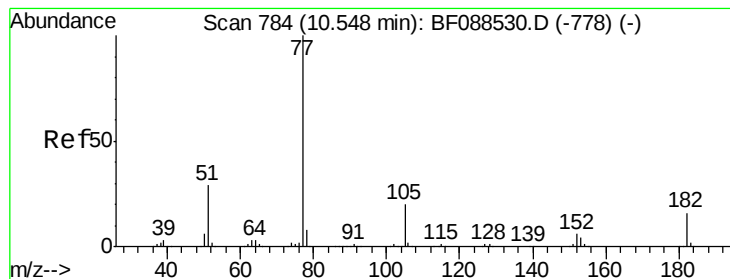
Tot Ion:204 Resp: 125745
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 56.1 55.0 82.6



#61
4-Nitroaniline
Concen: 27.71 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:138 Resp: 58323
Ion Ratio Lower Upper
138 100
92 59.7 27.3 67.3
108 86.3 46.7 86.7





#62

Azobenzene

Concen: 36.02 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

Tot Ion: 77 Resp: 320186

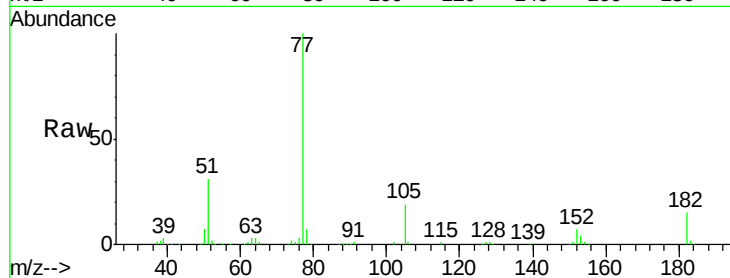
Ion Ratio Lower Upper

77 100

182 14.6 4.4 44.4

105 19.3 3.8 43.8

51 30.9 9.3 49.3

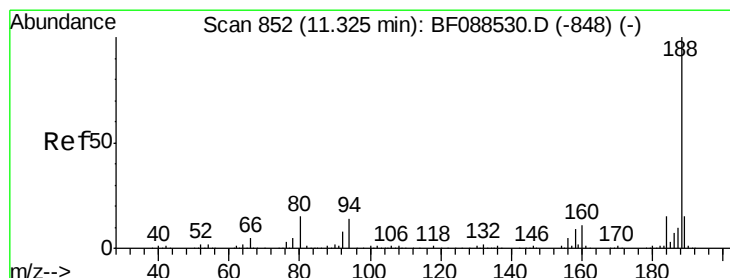
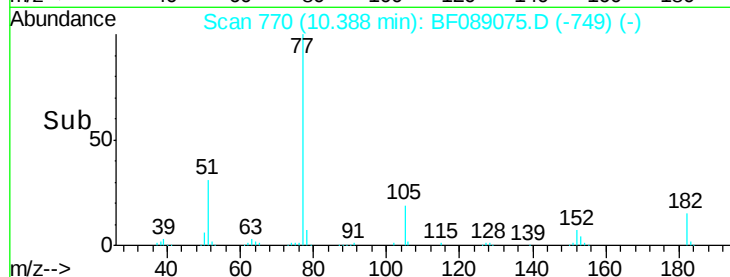
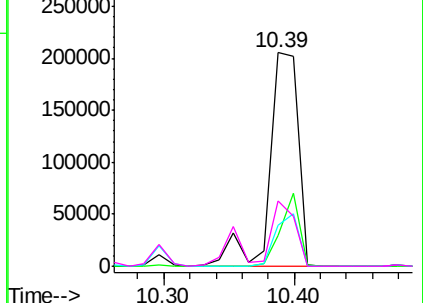


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 838

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

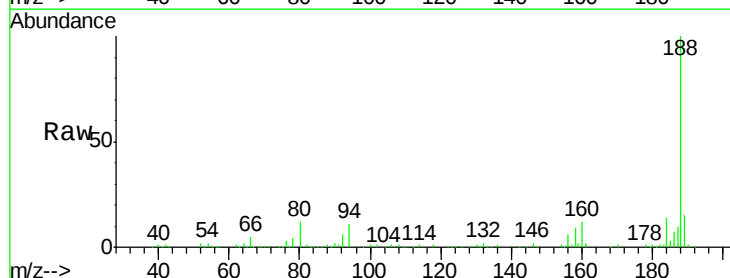
Tgt Ion: 188 Resp: 190797

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.6

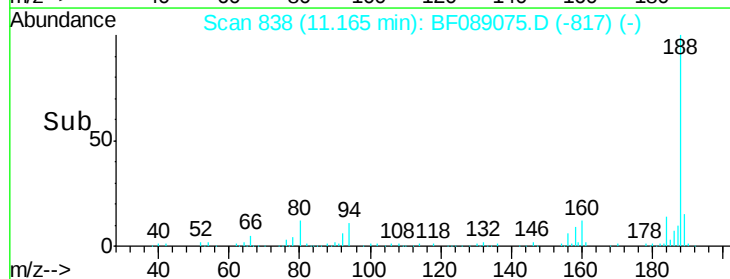
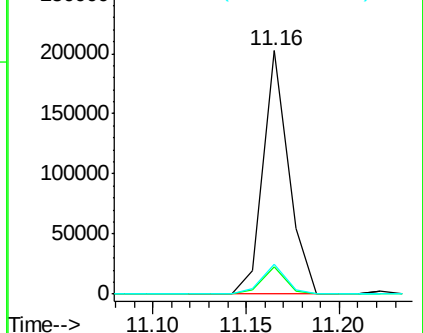
80 12.3 10.0 15.0

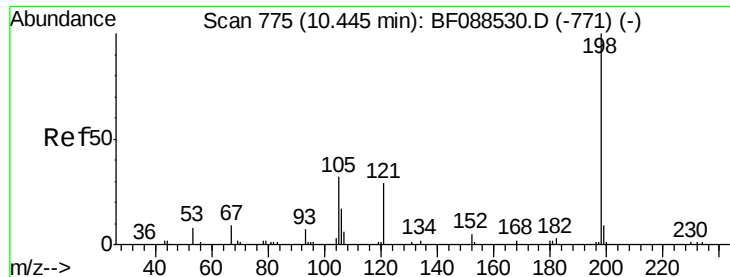


Abundance Ion 188.00 (187.70 to 188.70): E

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: 27.70 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

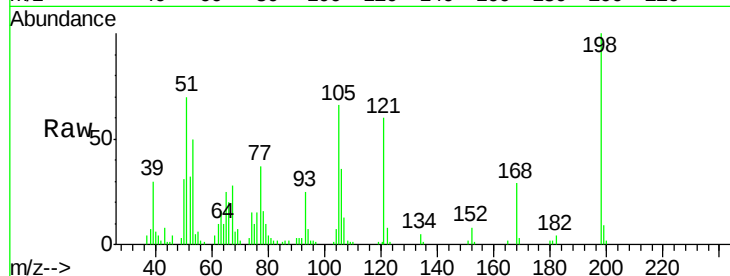
Tot Ion:198 Resp: 28269

Ion Ratio Lower Upper

198 100

51 70.2 39.6 79.6

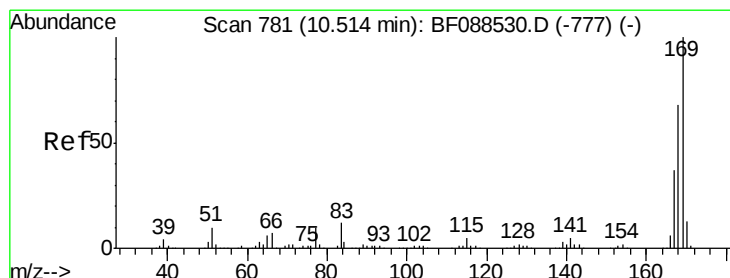
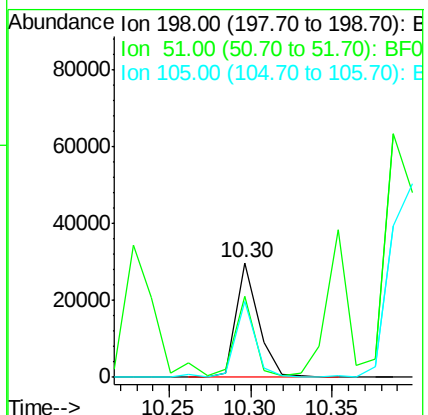
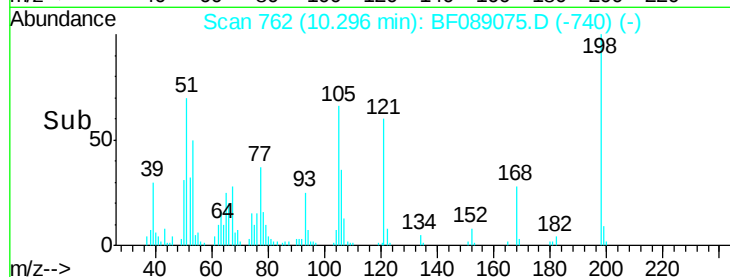
105 65.9 36.6 76.6



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: 34.58 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

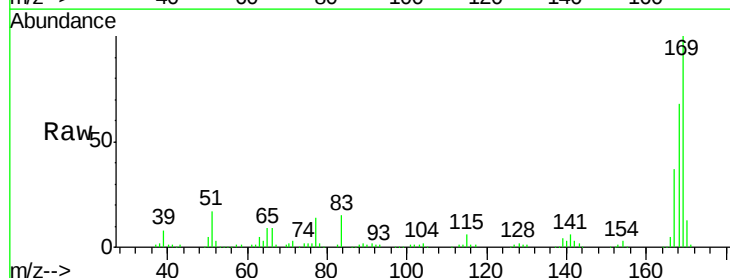
Tgt Ion:169 Resp: 223320

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

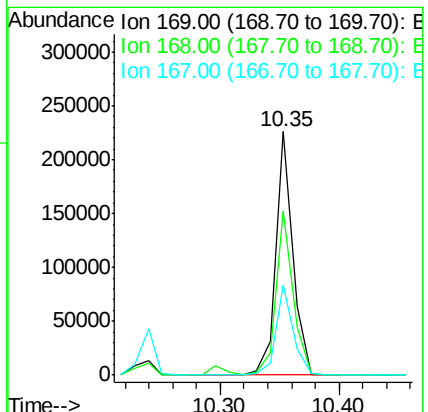
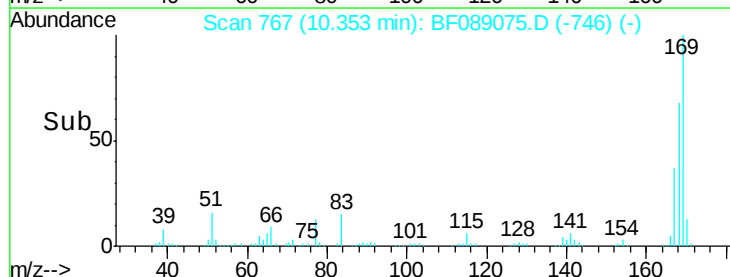
167 37.1 29.4 44.0

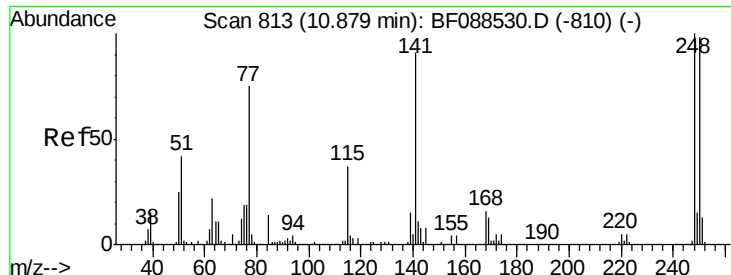


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

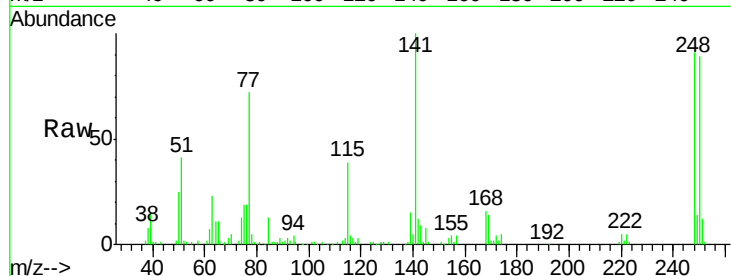




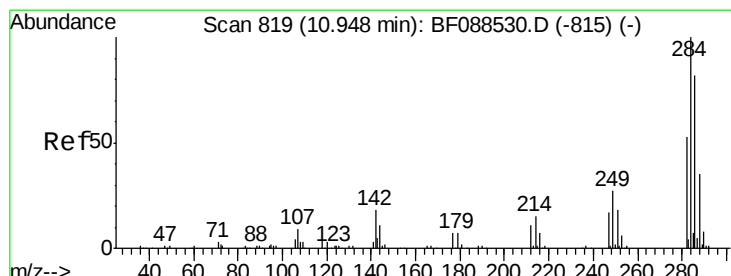
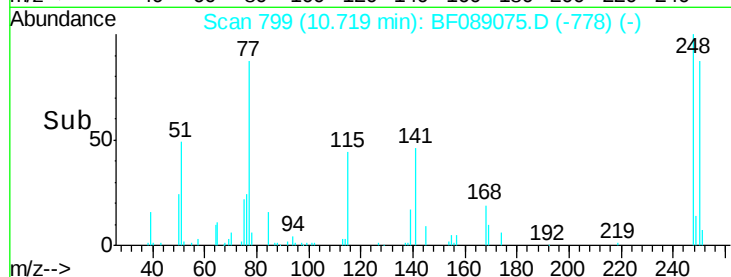
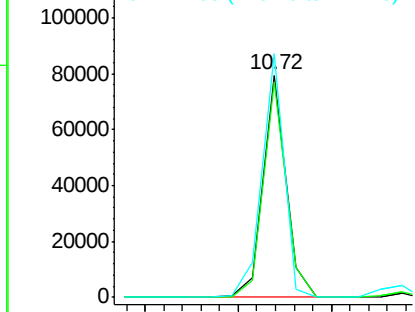
#66
4-Bromophenyl-phenylether
Concen: 34.78 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:248 Resp: 66874
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 109.6 50.6 76.0#

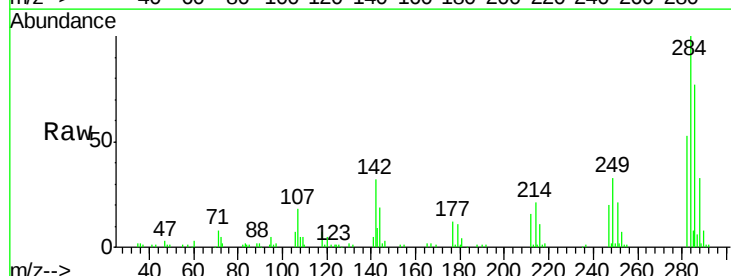


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

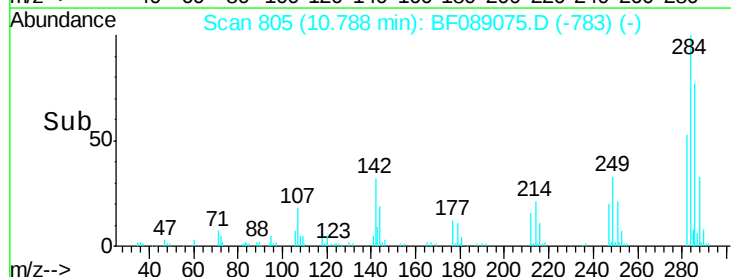
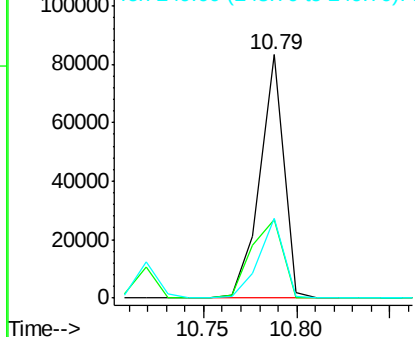


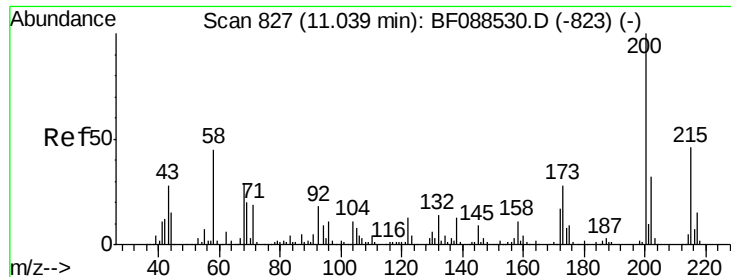
#67
Hexachlorobenzene
Concen: 34.49 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:284 Resp: 73408
Ion Ratio Lower Upper
284 100
142 32.2 35.8 53.8#
249 32.7 25.8 38.6



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

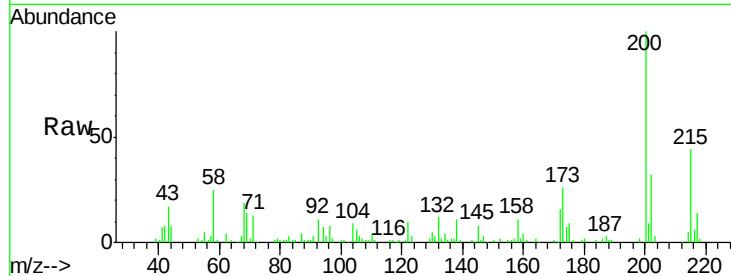




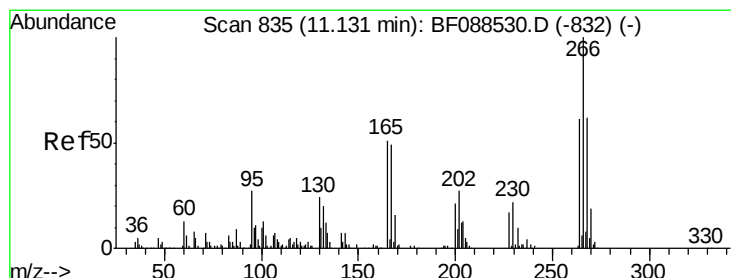
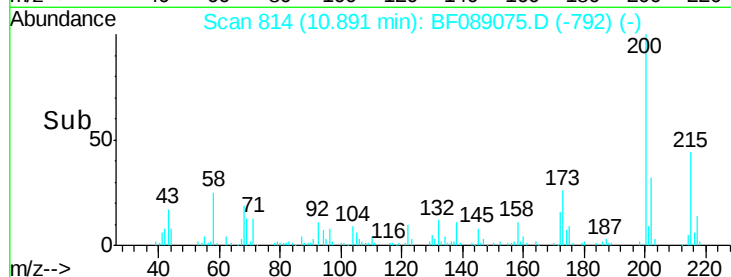
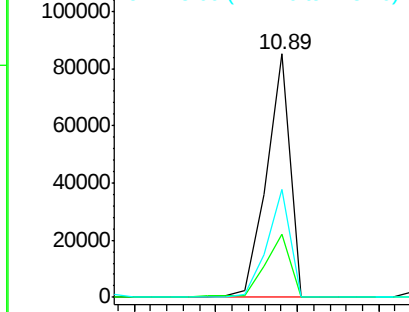
#68
Atrazine
Concen: 42.24 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:200 Resp: 84989
Ion Ratio Lower Upper
200 100
173 25.9 4.0 44.0
215 44.5 29.3 69.3

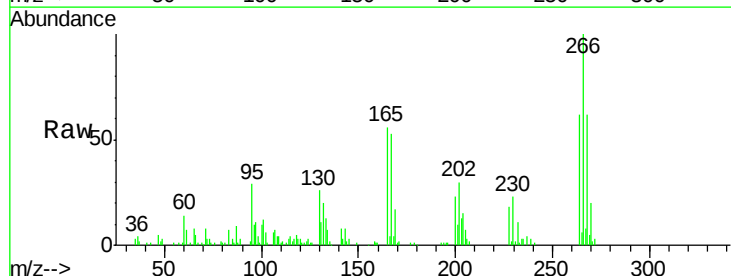


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

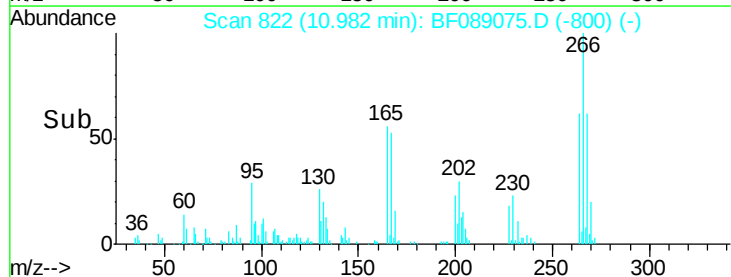
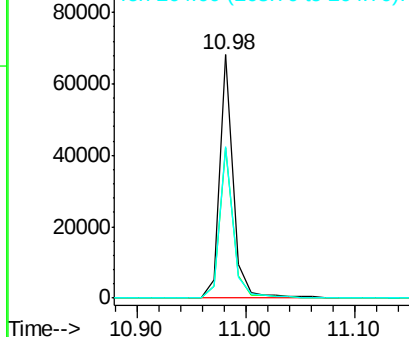


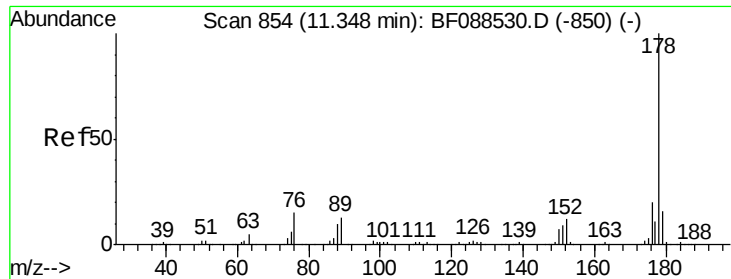
#69
Pentachlorophenol
Concen: 47.45 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:266 Resp: 59773
Ion Ratio Lower Upper
266 100
268 61.9 52.8 79.2
264 62.4 49.6 74.4



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

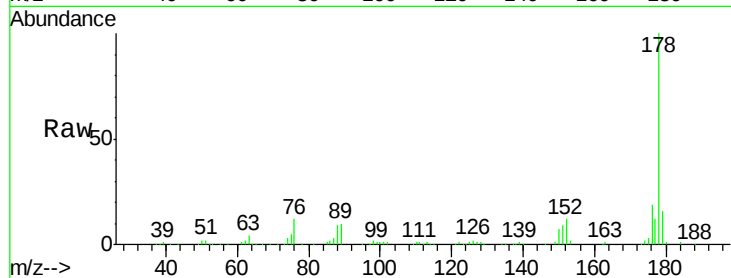




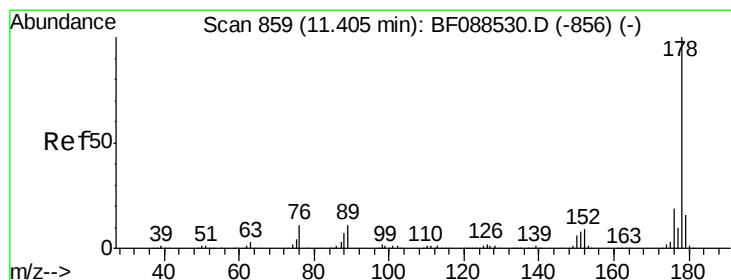
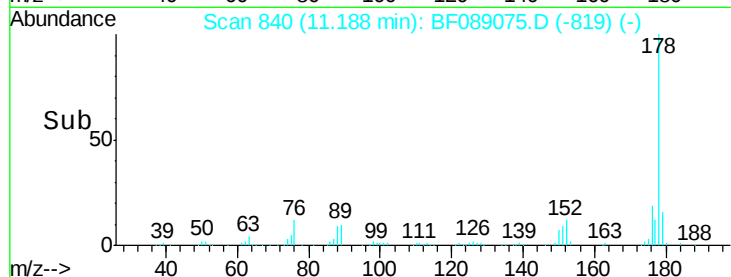
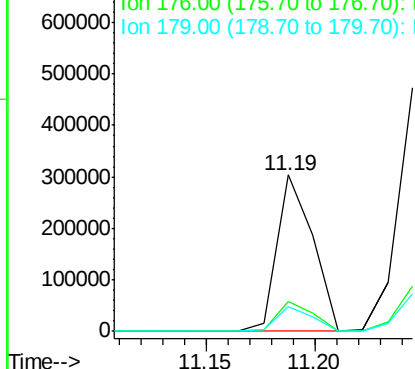
#70
Phenanthrene
Concen: 33.58 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:178 Resp: 350253
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 13.0 19.4

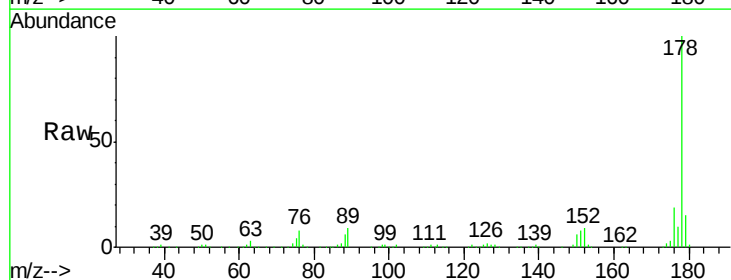


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

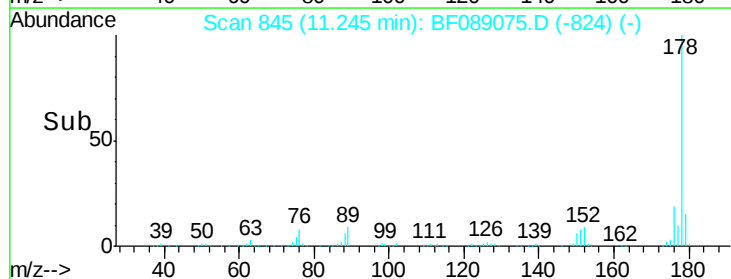
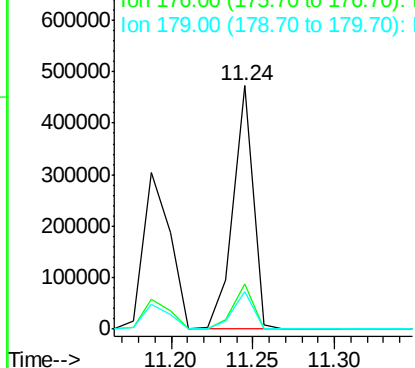


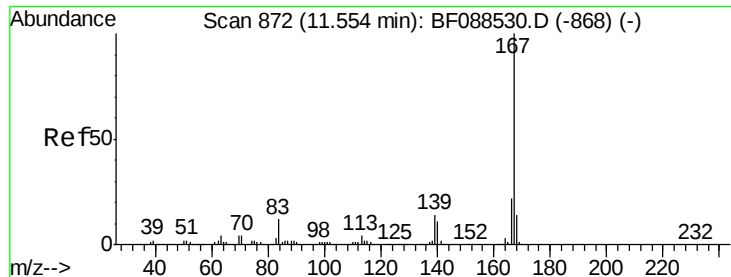
#71
Anthracene
Concen: 38.54 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:178 Resp: 399718
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.3 12.8 19.2



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

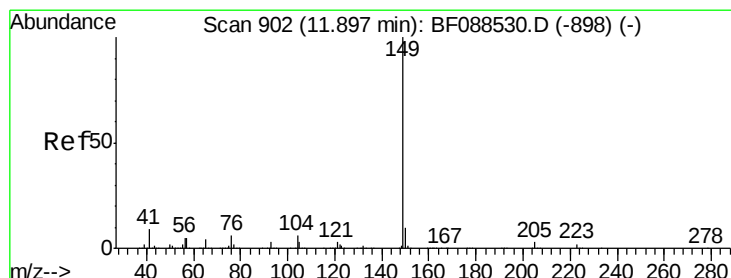
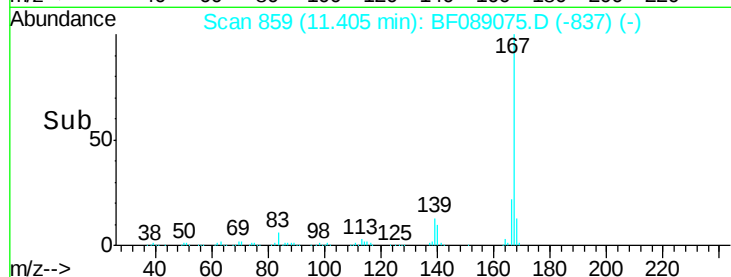
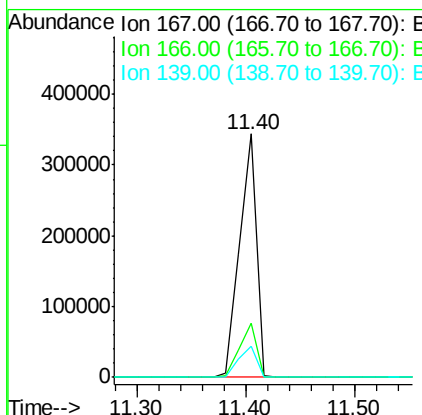
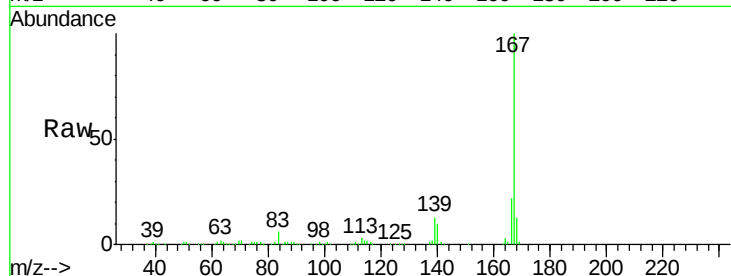




#72
 Carbazole
 Concen: 37.18 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

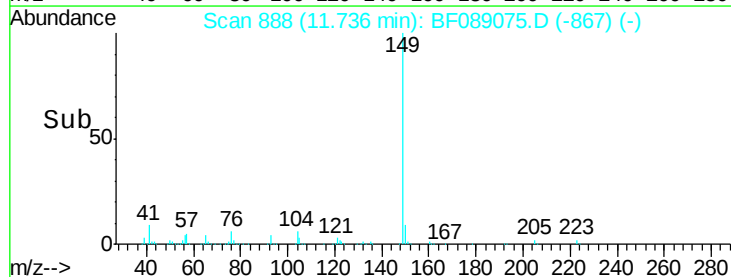
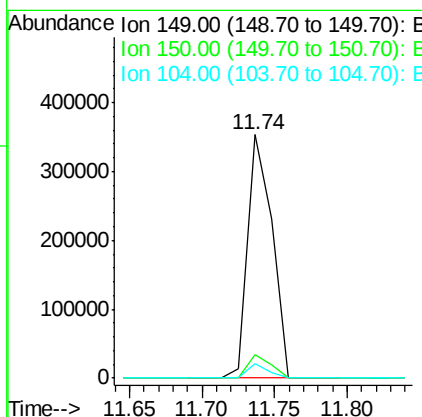
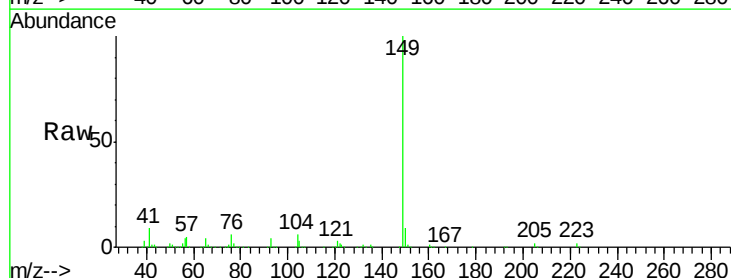
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

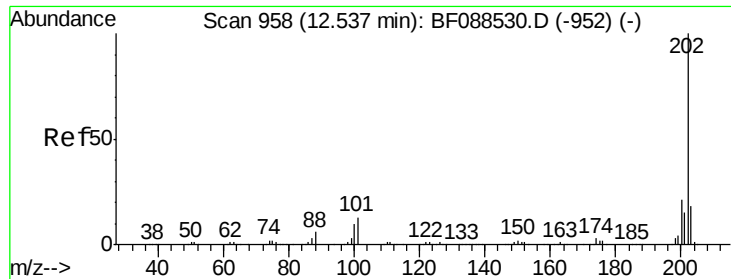
Tot Ion:167 Resp: 362934
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 12.8 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 36.28 ng
 RT: 11.74 min Scan# 888
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:149 Resp: 411925
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.9 4.0 6.0

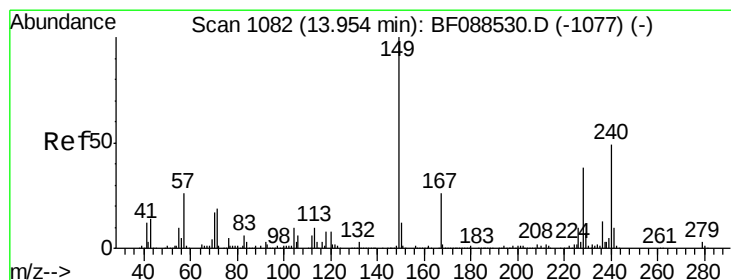
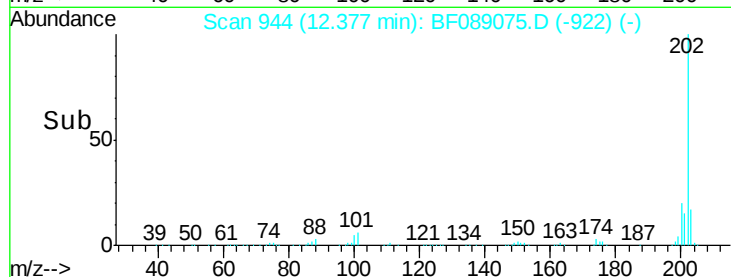
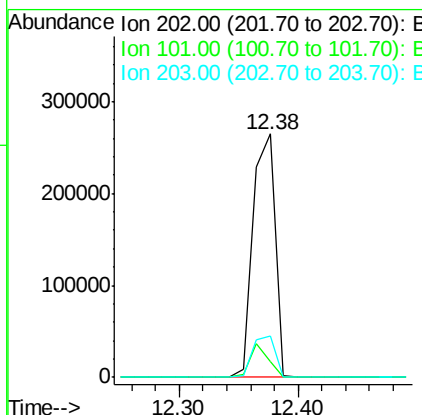
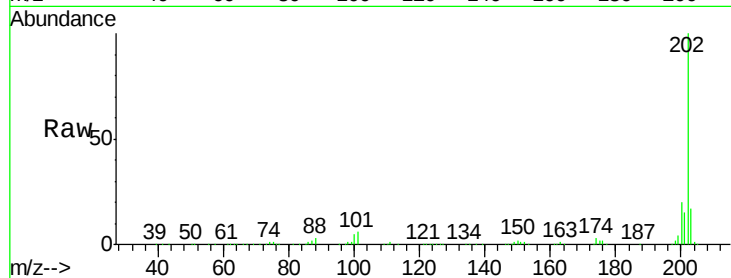




#74
 Fluoranthene
 Concen: 32.85 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

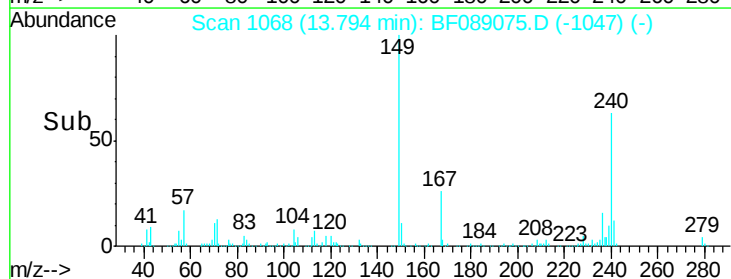
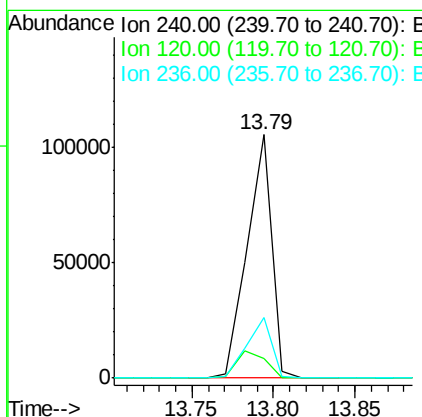
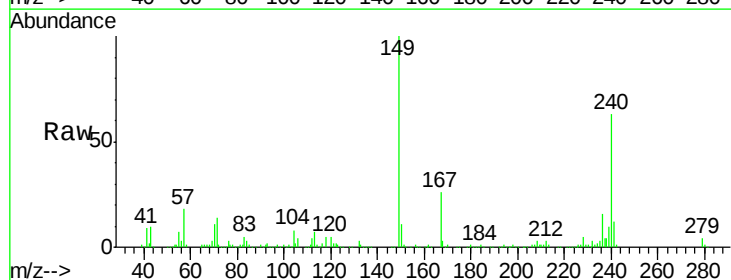
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

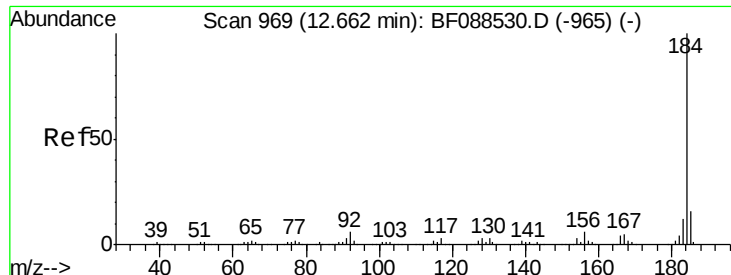
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	33.1
203	16.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	24.8	20.2	30.2

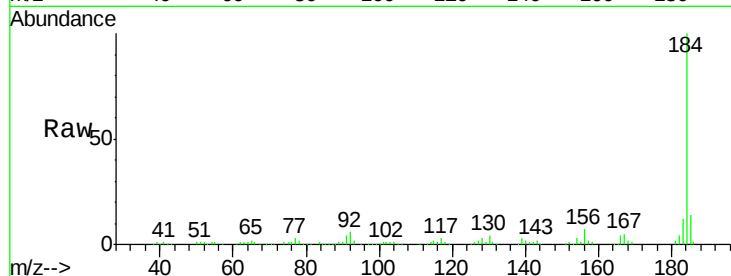




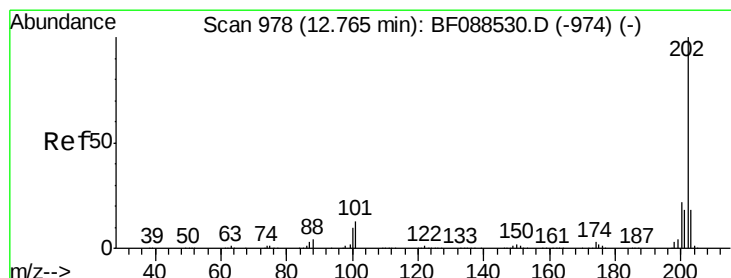
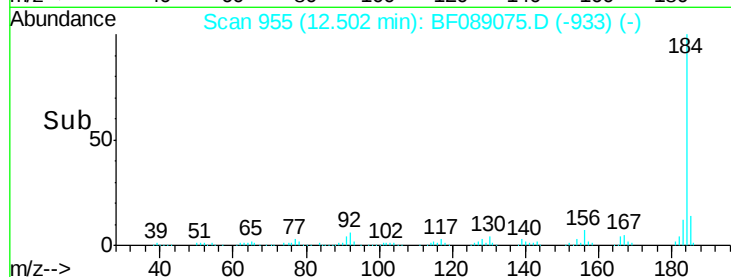
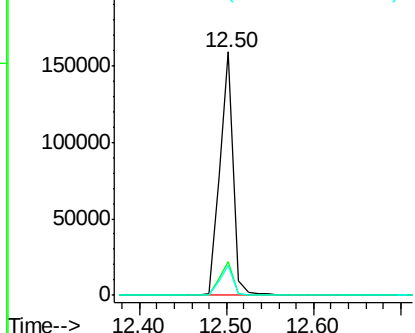
#76
Benzidine
Concen: 31.21 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:184 Resp: 173938
Ion Ratio Lower Upper
184 100
185 13.7 12.5 18.7
183 12.0 9.3 13.9

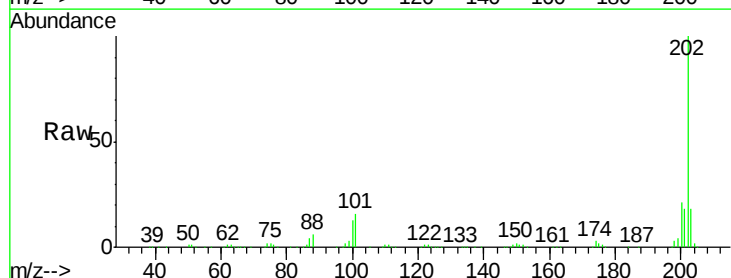


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

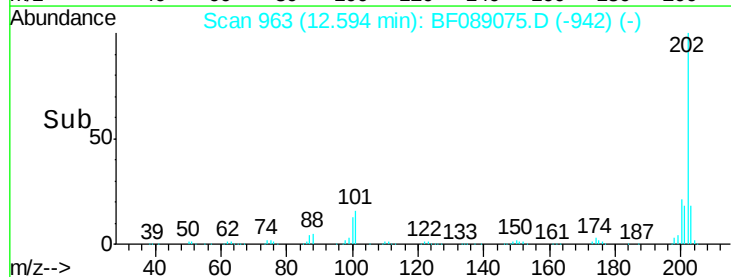
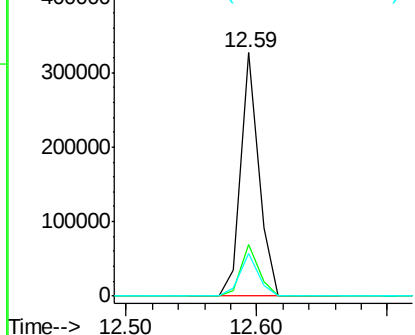


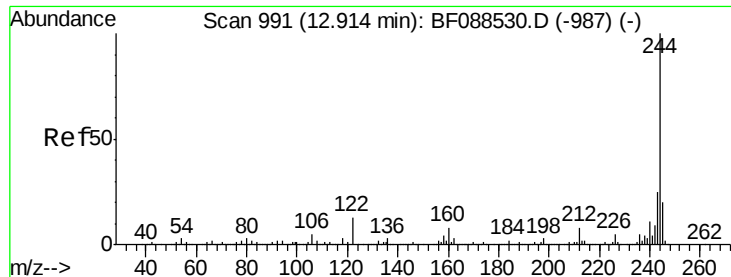
#77
Pyrene
Concen: 33.47 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:202 Resp: 312871
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.6 14.5 21.7



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





#78

Terphenyl-d14

Concen: 91.87 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

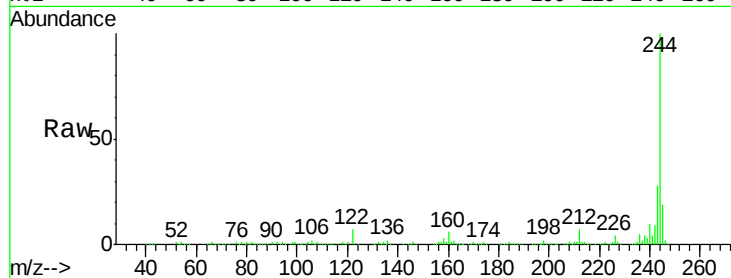
Tot Ion:244 Resp: 454737

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

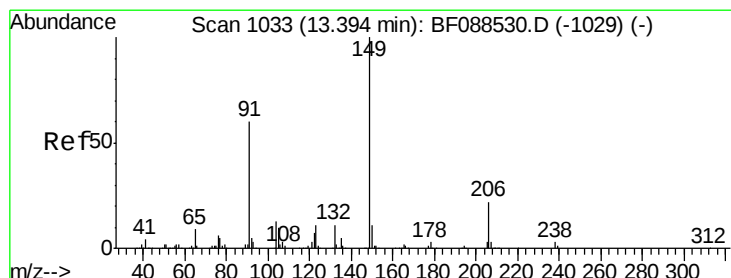
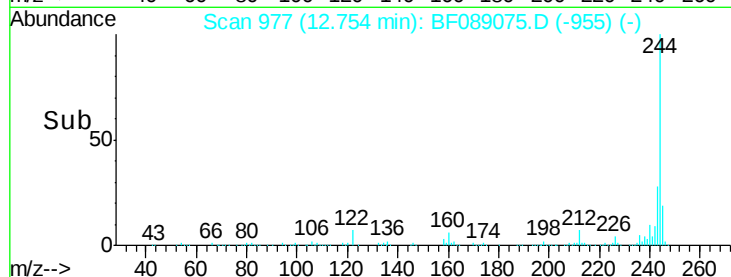
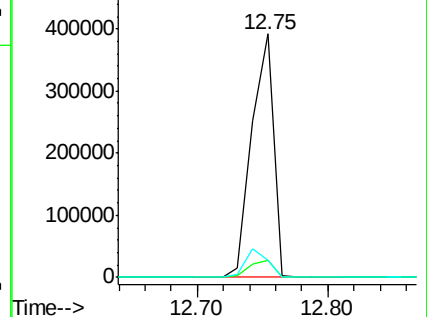
122 6.8 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.96 ng

RT: 13.22 min Scan# 1018

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

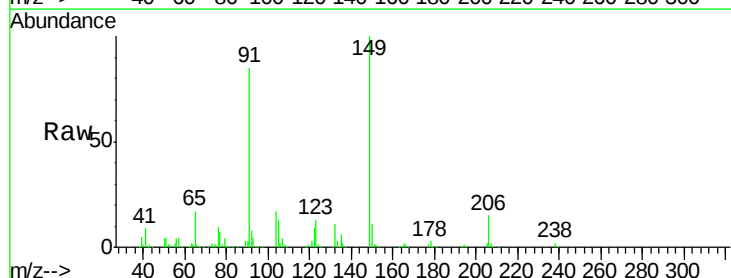
Tgt Ion:149 Resp: 141614

Ion Ratio Lower Upper

149 100

91 85.5 48.0 72.0#

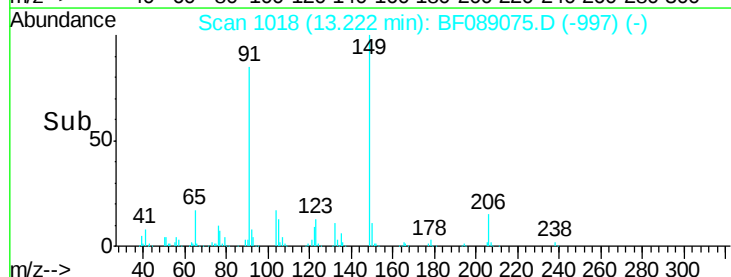
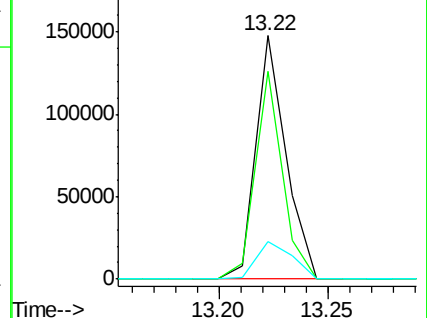
206 15.5 16.0 24.0#

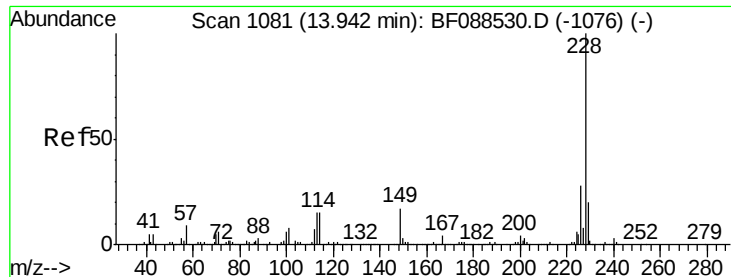


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 34.28 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

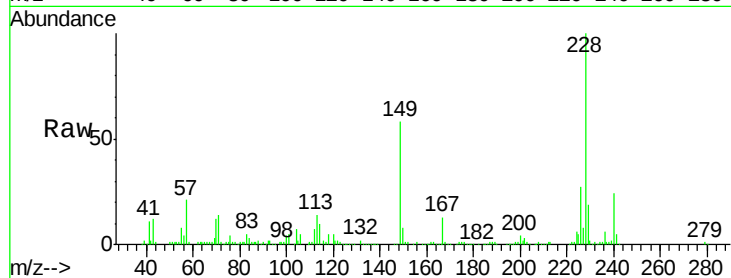
Tot Ion:228 Resp: 243370

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

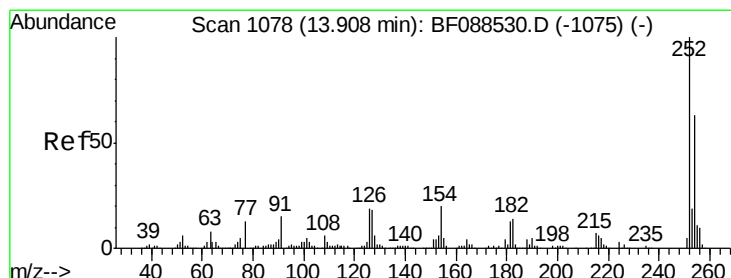
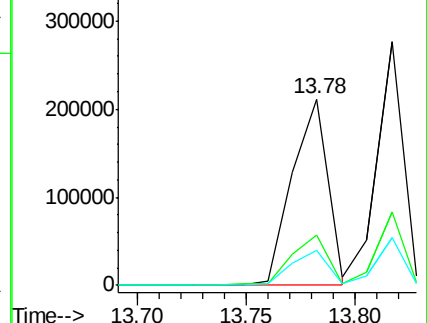
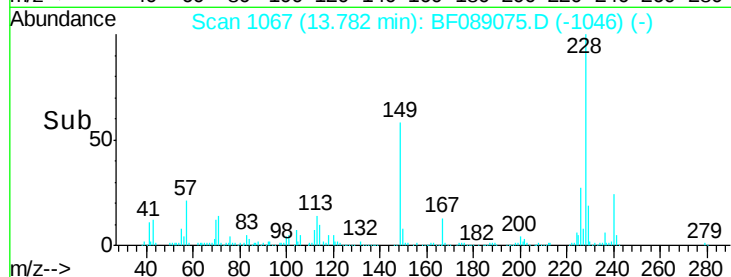
229 18.9 16.0 24.0



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



#81

3,3'-Dichlorobenzidine

Concen: 30.79 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

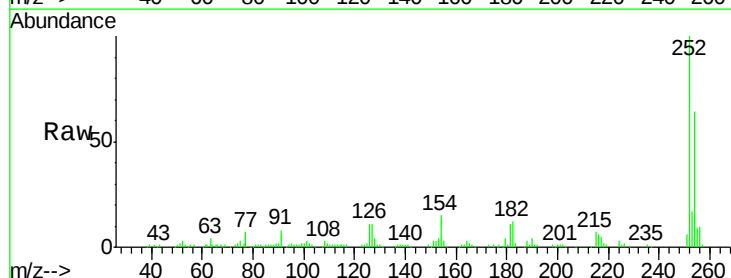
Tgt Ion:252 Resp: 82176

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

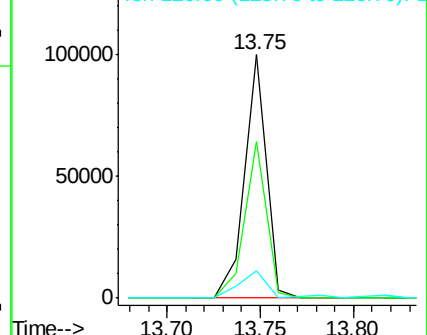
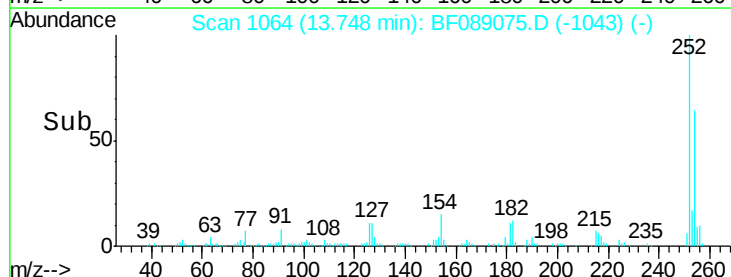
126 11.3 6.2 9.2#

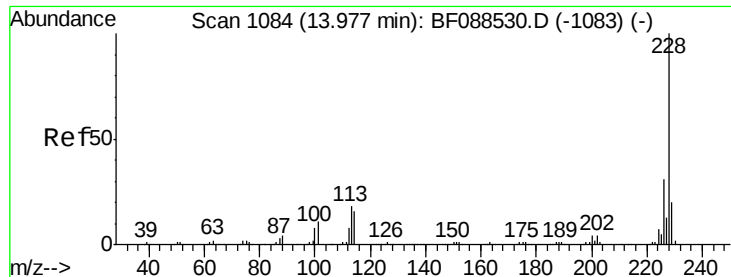


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

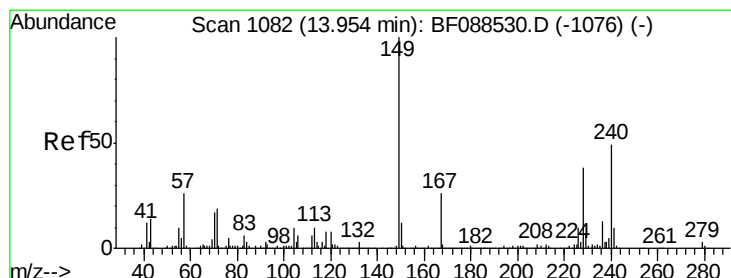
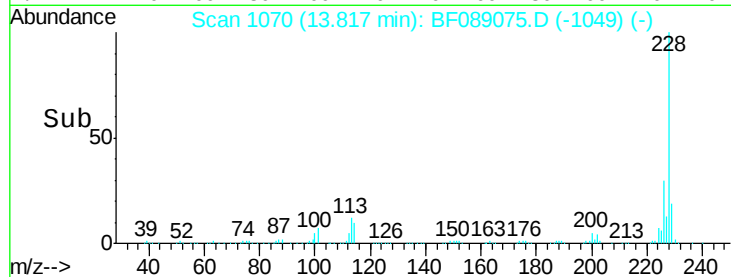
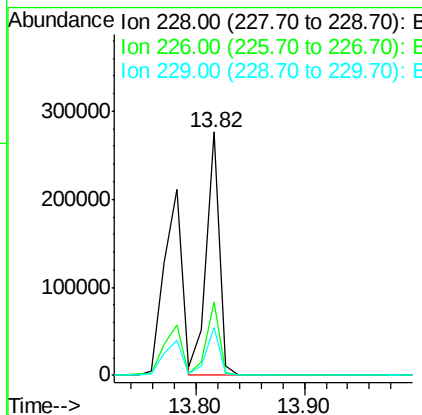
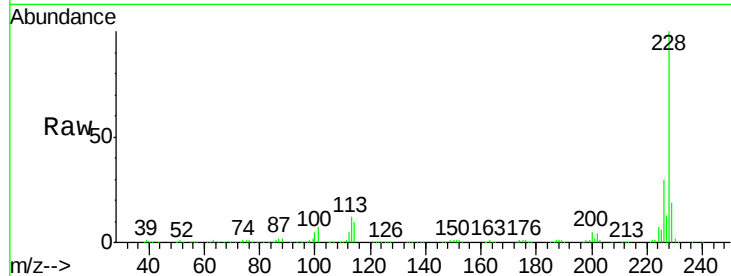




#82
 Chrysene
 Concen: 33.59 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

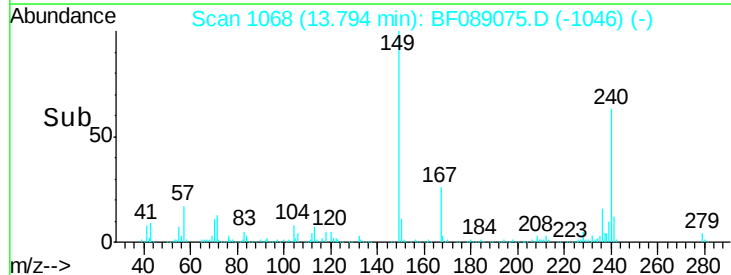
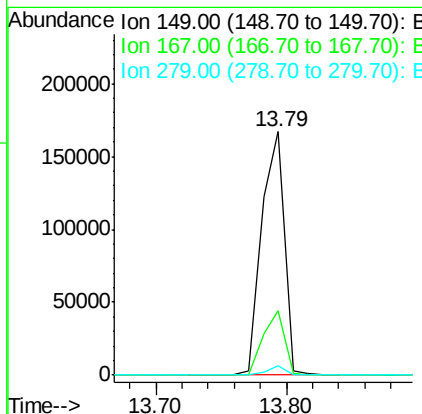
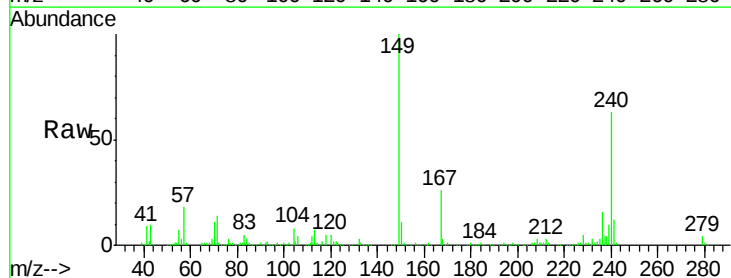
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMSD

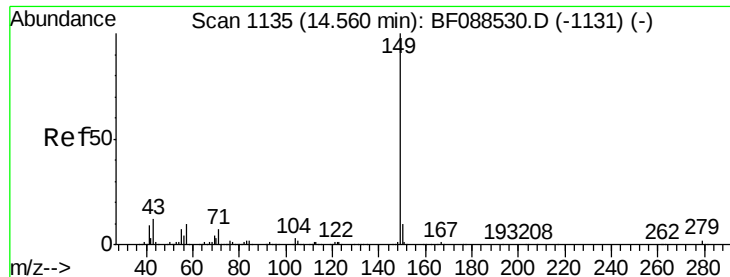
Tot Ion:228 Resp: 235930
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.2
 229 19.4 16.3 24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.75 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion:149 Resp: 203512
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.5 30.7
 279 3.9 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 40.44 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

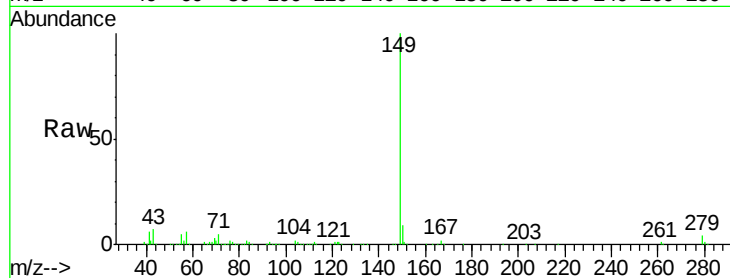
Tot Ion:149 Resp: 327042

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

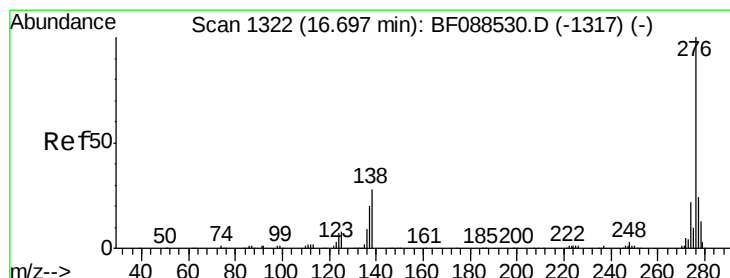
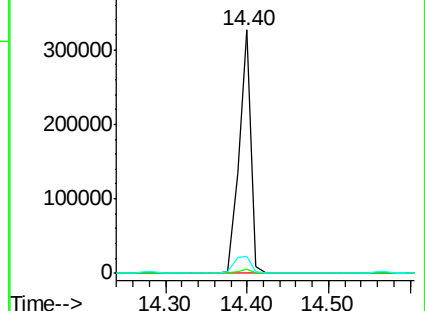
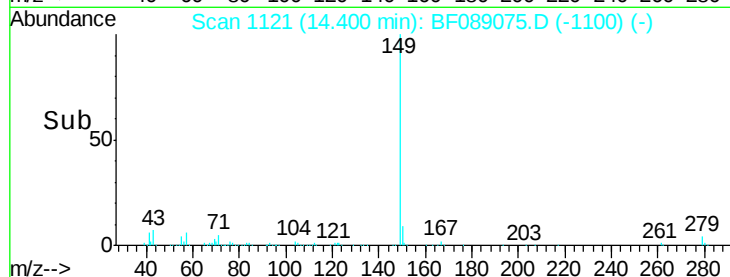
43 8.9 0.0 0.0#



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: 43.34 ng

RT: 16.41 min Scan# 1297

Delta R.T. -0.09 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

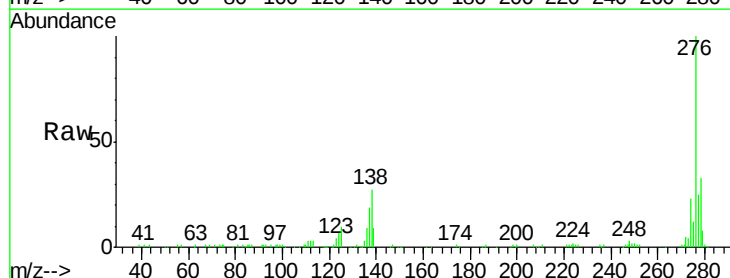
Tgt Ion:276 Resp: 234176

Ion Ratio Lower Upper

276 100

138 28.9 0.0 0.0#

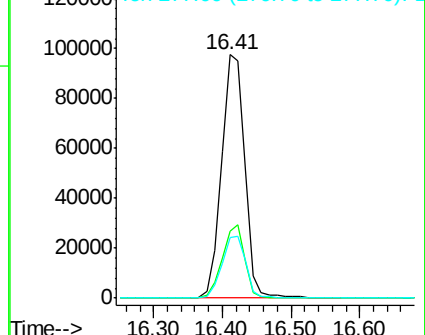
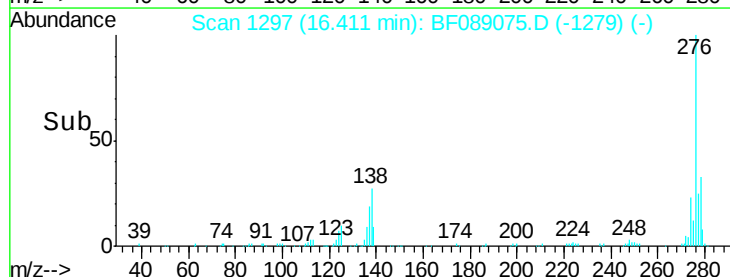
277 25.8 0.0 0.0#

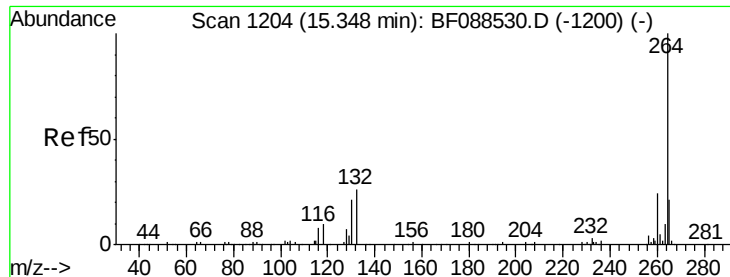


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

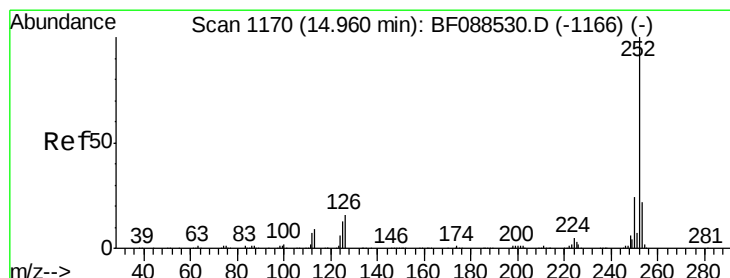
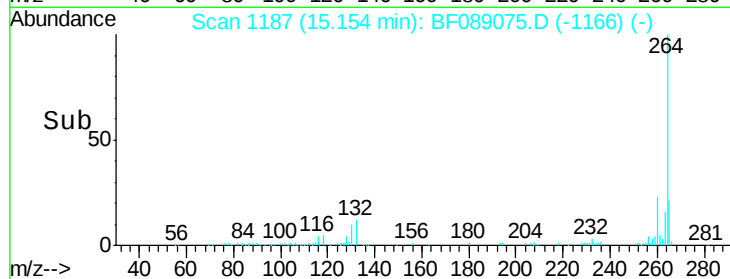
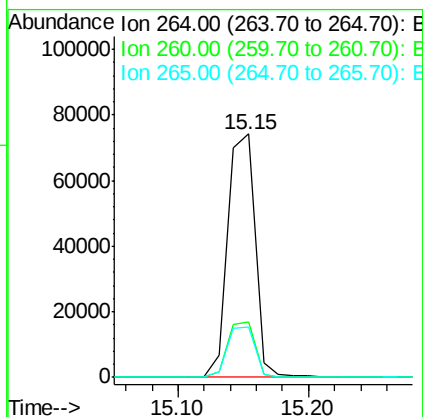
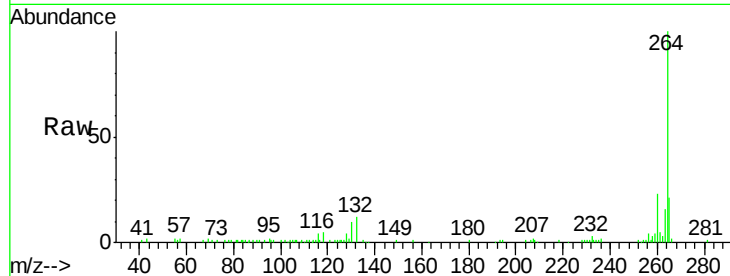




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

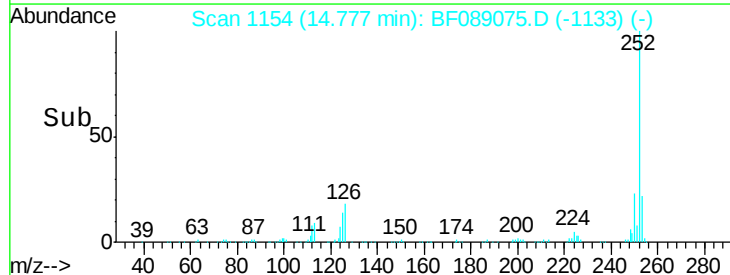
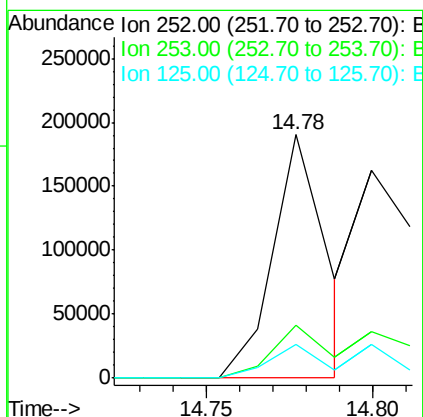
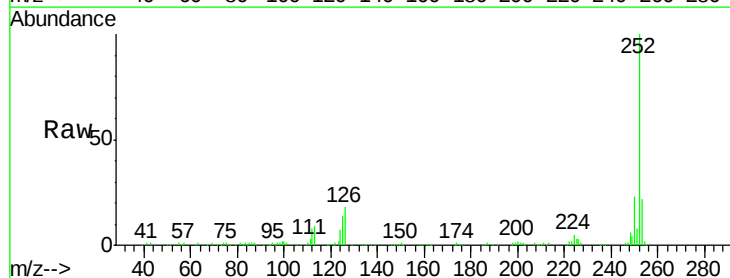
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

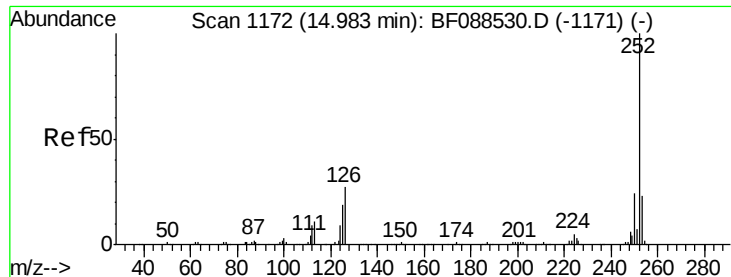
Tot Ion:264 Resp: 107533
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 20.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 31.21 ng m
RT: 14.78 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:252 Resp: 210529
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.6 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 33.61 ng

RT: 14.80 min Scan# 1156

Delta R.T. -0.07 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMSD

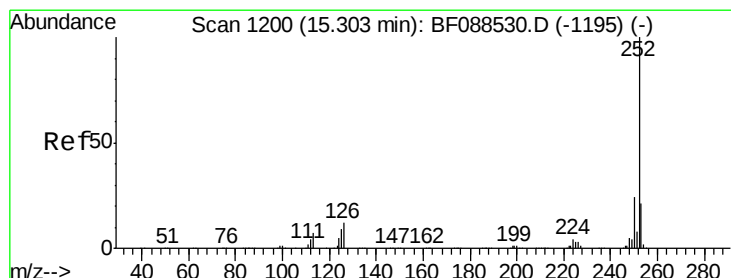
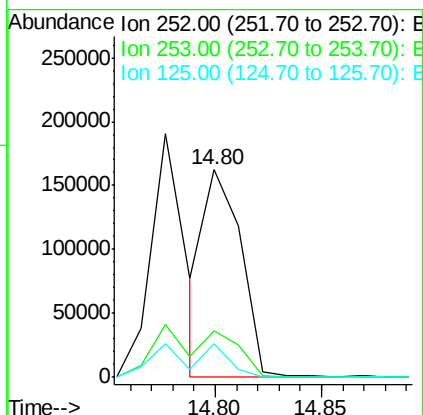
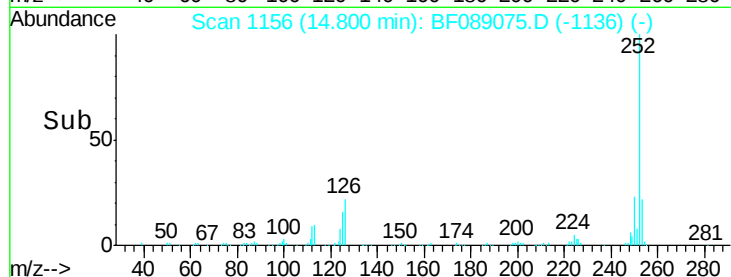
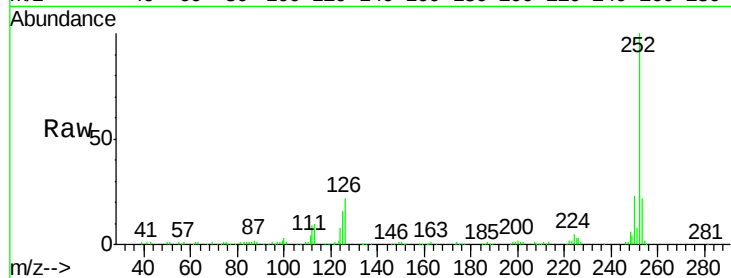
Tot Ion:252 Resp: 197393

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 16.1 11.2 16.8



#89

Benzo(a)pyrene

Concen: 36.98 ng

RT: 15.10 min Scan# 1182

Delta R.T. -0.07 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

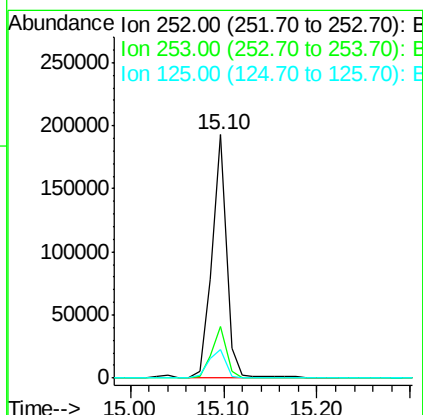
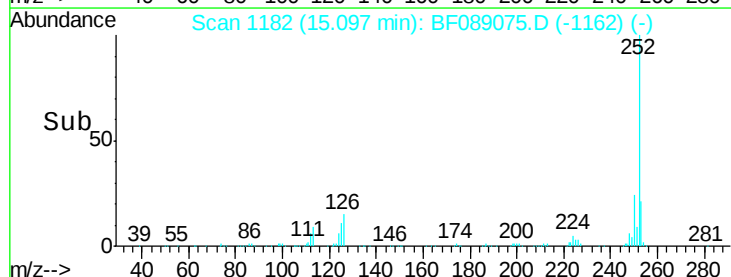
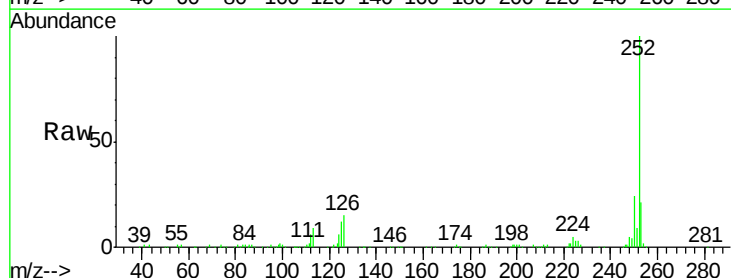
Tgt Ion:252 Resp: 211208

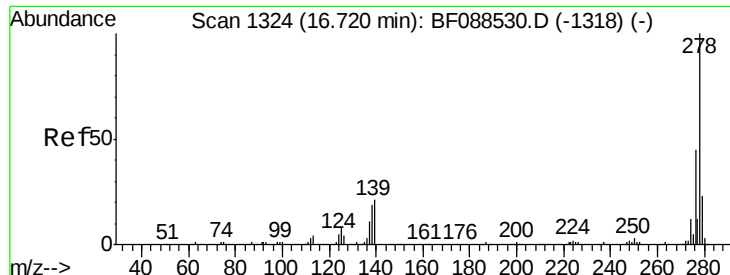
Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

125 11.7 12.5 18.7#



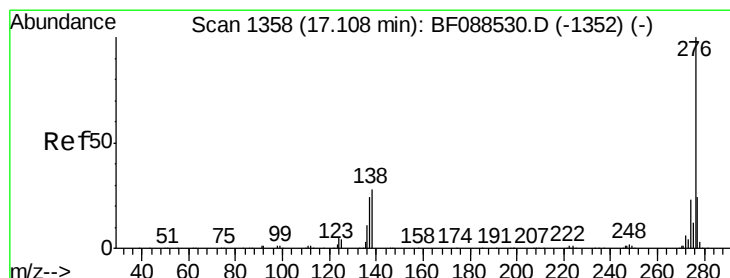
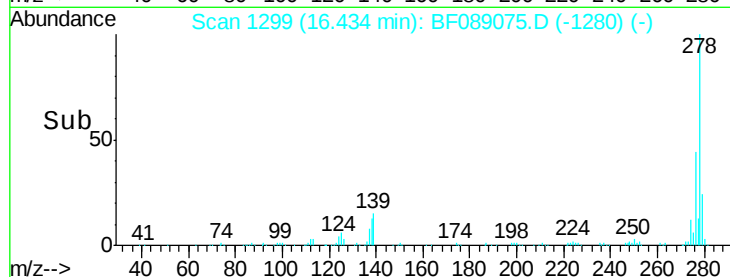
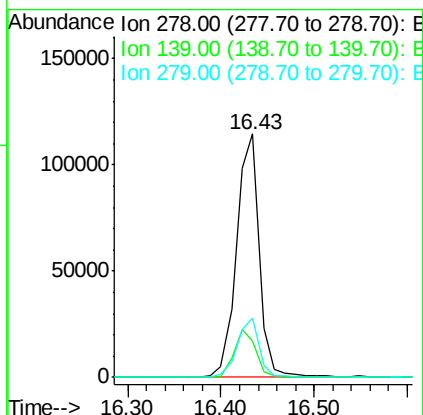
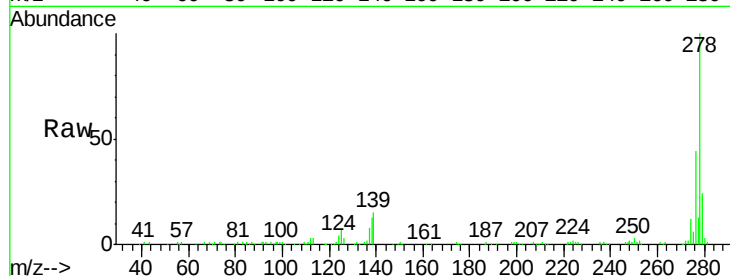


#90
Dibenzo(a,h)anthracene
Concen: 40.80 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.08 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Tot Ion:278 Resp: 194574

Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.7	23.5#
279	24.3	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 39.47 ng
RT: 16.80 min Scan# 1331
Delta R.T. -0.09 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:276 Resp: 194773

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.5	21.4	32.2

