

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 :

Quant Time: Jul 18 03:14:31 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	6.67	146	146251	31.12	ng	97
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
32) Benzoic acid	7.61	122	125491	44.25	ng	# 18
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	17537	16.36	ng	90
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

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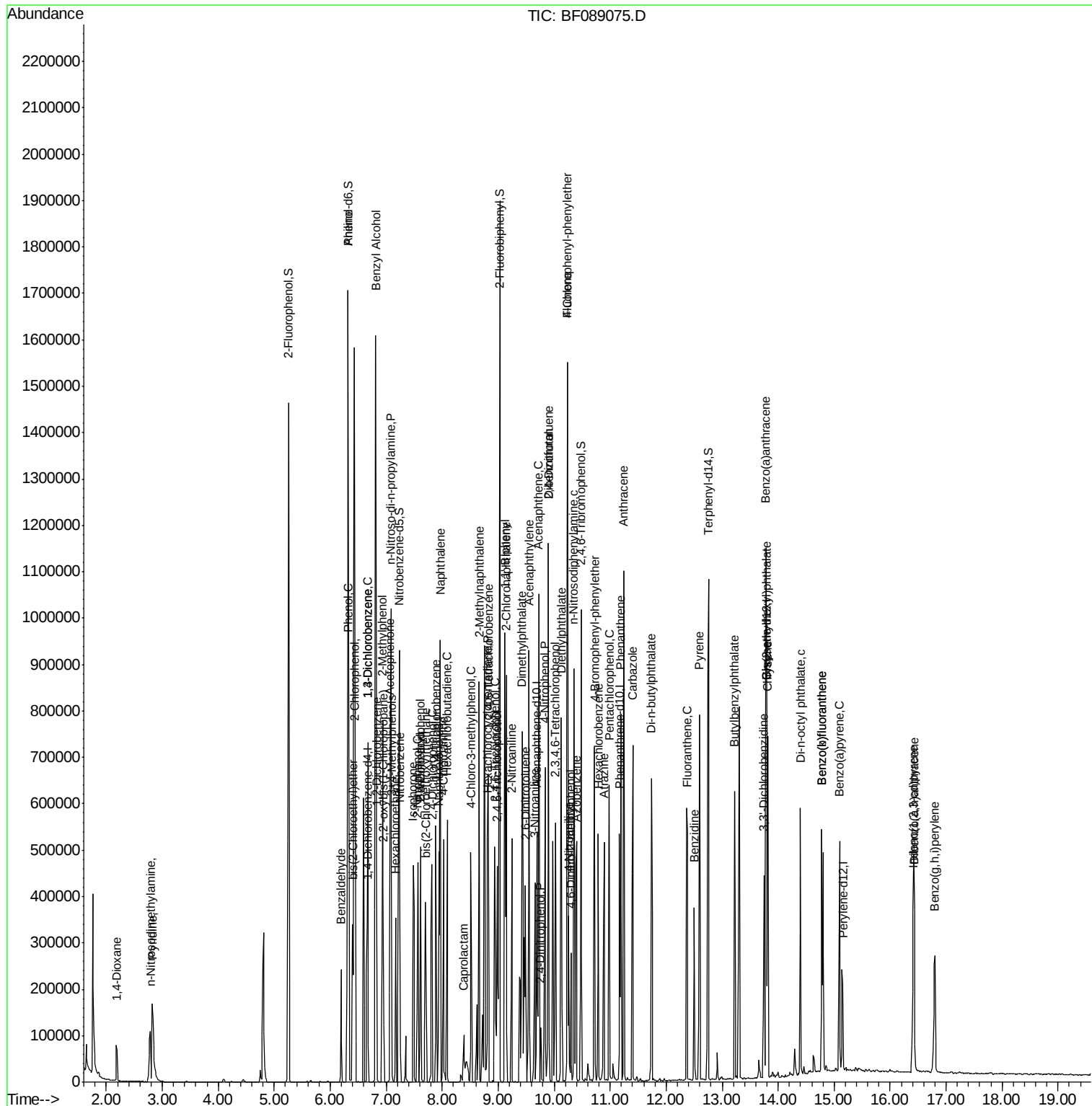
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42) 2,4,6-Trichlorophenol	8.94	196	75443	31.57	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	79208	38.52	nq	# 80
45) 1,1'-Biphenyl	9.12	154	299559	33.19	nq	100
46) 2-Chloronaphthalene	9.14	162	241240	34.05	nq	96
47) 2-Nitroaniline	9.24	65	92900	36.95	nq	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	410299	60.82	nq	# 96
88) Benzo(k)fluoranthene	14.78	252	410299	69.87	nq	99
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

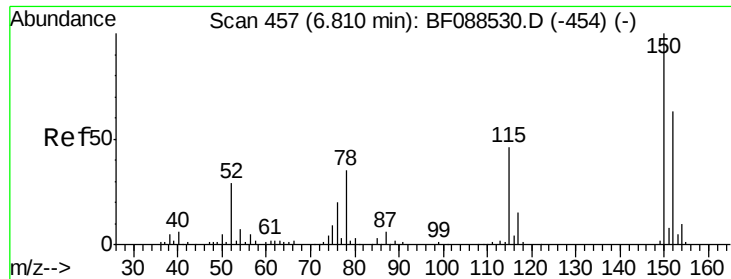
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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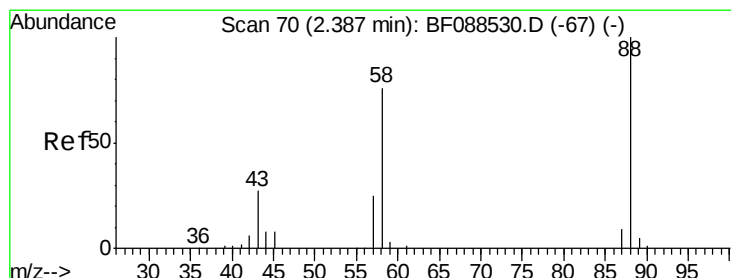
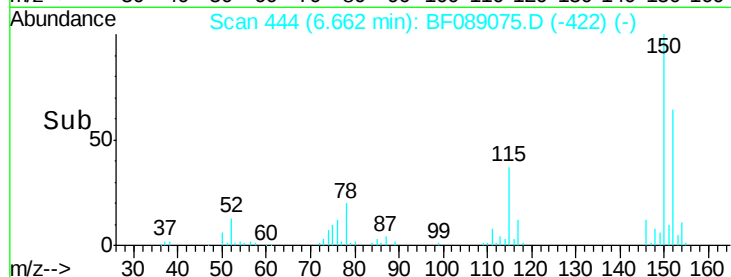
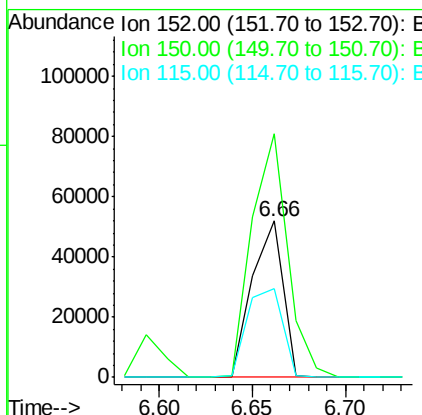
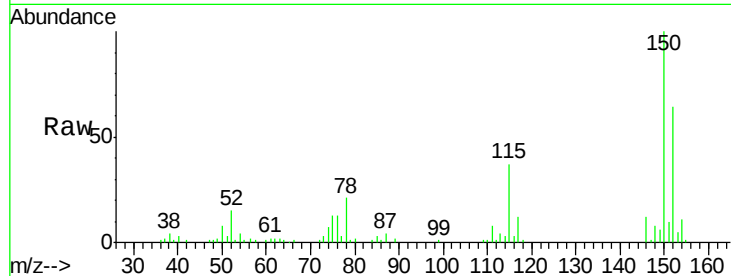


#1

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
ClientSampled :

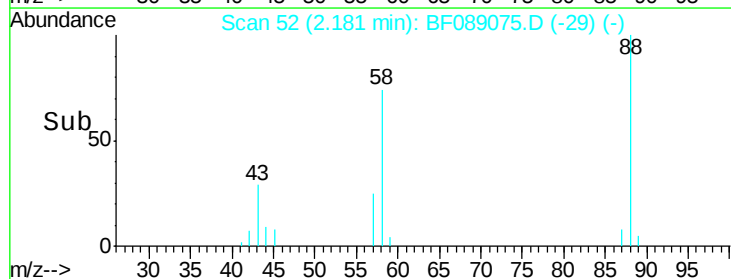
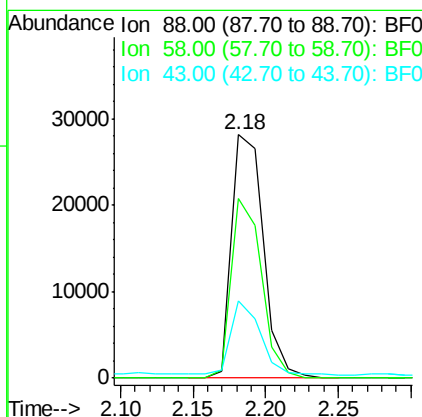
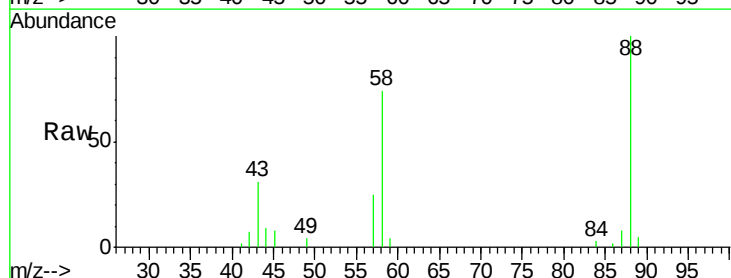
Tot Ion:152 Resp: 59559
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 57.1 39.6 59.4

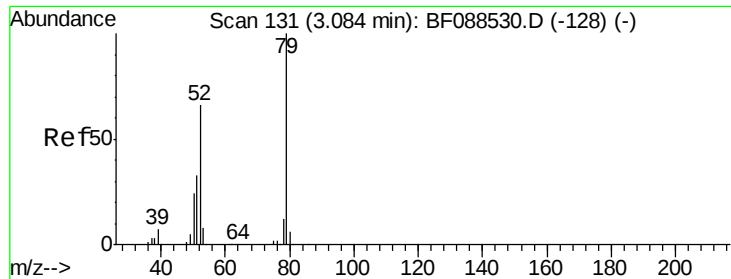


#2

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

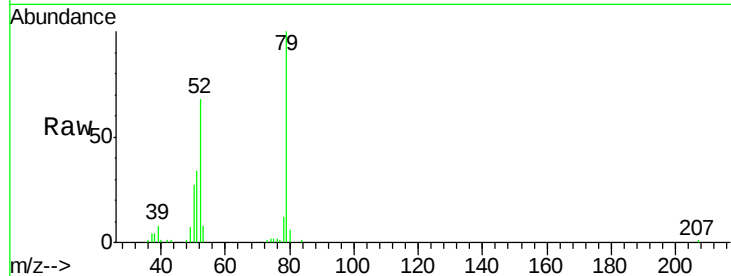
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 131950

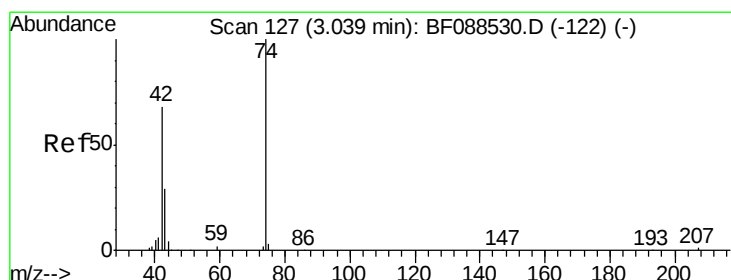
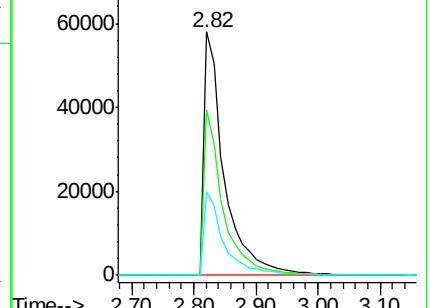
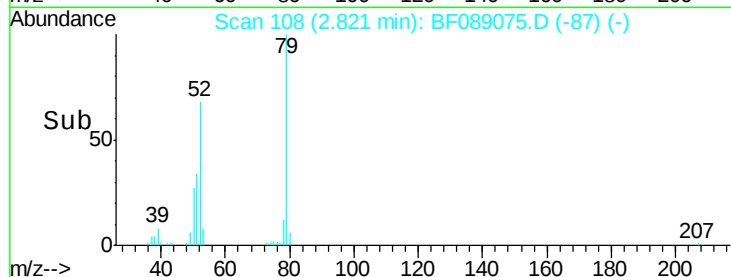
Ion	Ratio	Lower	Upper
79	100		
52	67.8	56.3	84.5
51	34.4	27.4	41.2



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

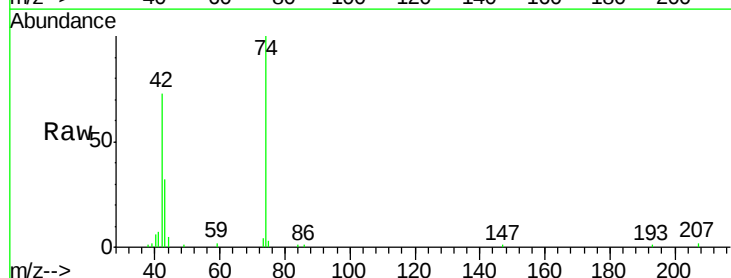
Delta R.T. -0.05 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Tgt Ion: 42 Resp: 62286

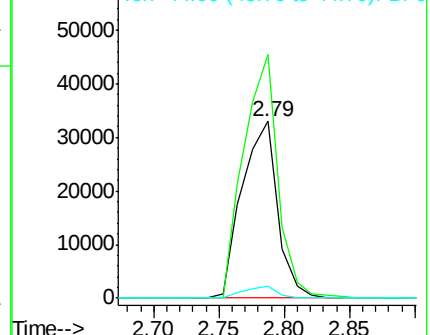
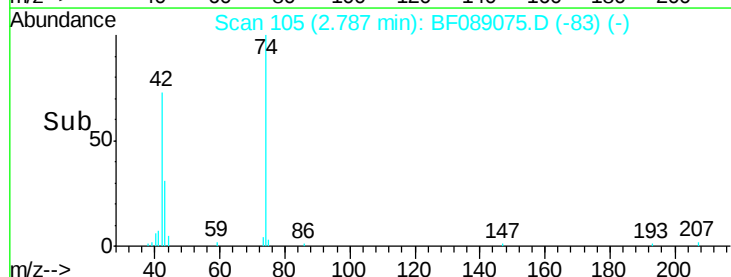
Ion	Ratio	Lower	Upper
42	100		
74	137.9	108.6	163.0
44	6.8	5.5	8.3

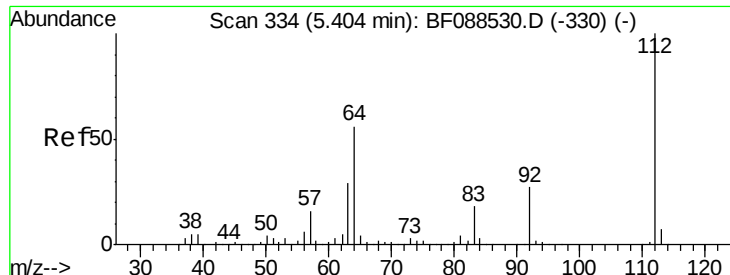


Abundance Ion 42.00 (41.70 to 42.70): BF0

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

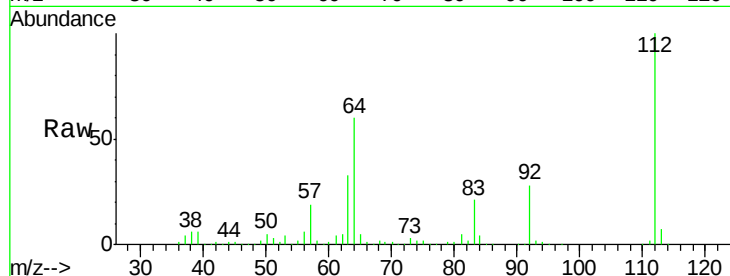
Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

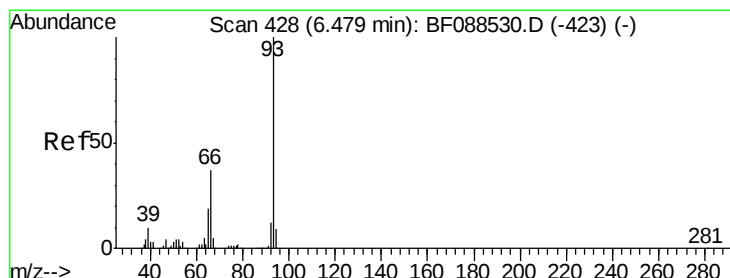
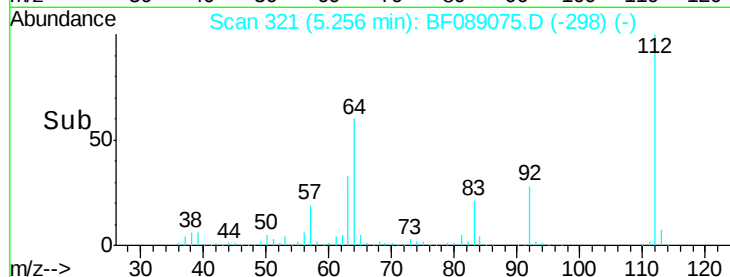
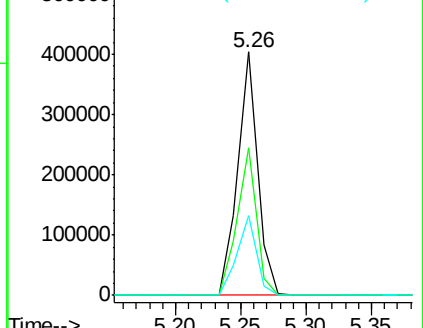
Tot Ion:	112	Resp:	427523
Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.2	63.2
63	32.9	21.8	32.8#



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

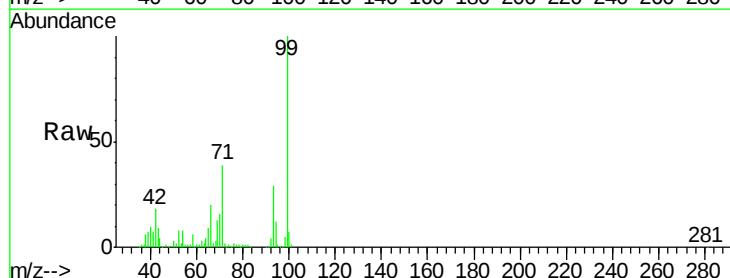
RT: 6.32 min Scan# 414

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

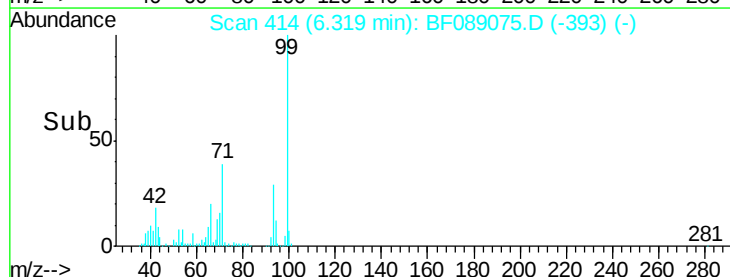
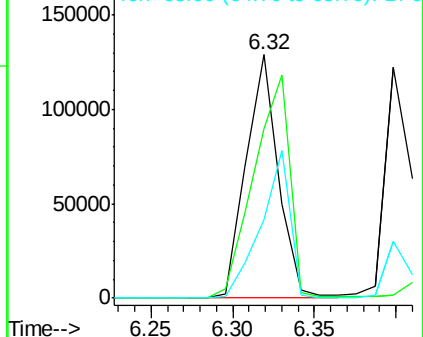
Tgt Ion:	93	Resp:	176993
Ion	Ratio	Lower	Upper
93	100		
66	69.7	29.8	44.8#
65	32.3	14.9	22.3#

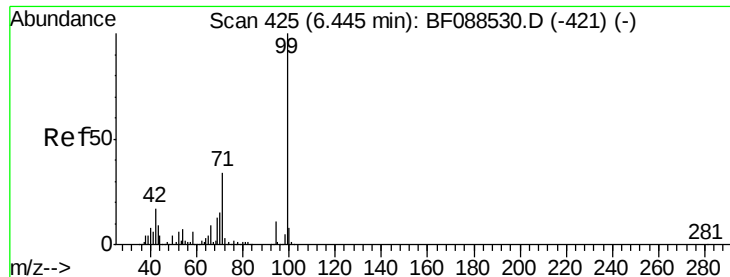


Abundance Ion 93.00 (92.70 to 93.70): BF0

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 :

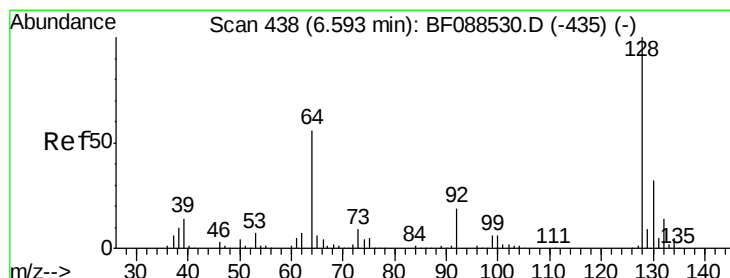
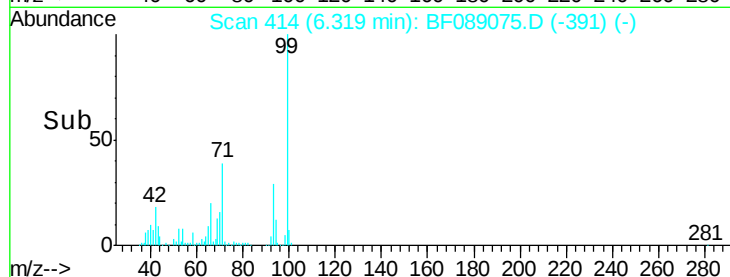
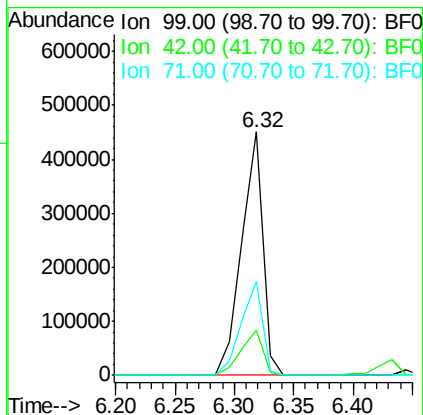
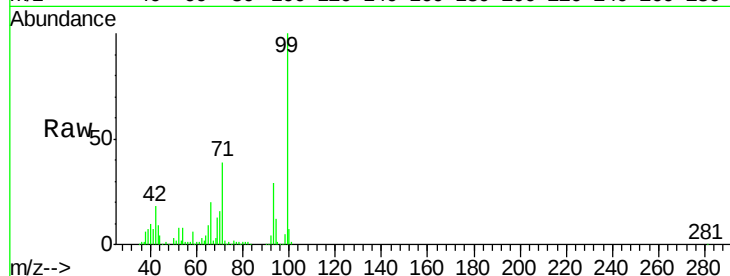
Tot Ion: 99 Resp: 566745

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

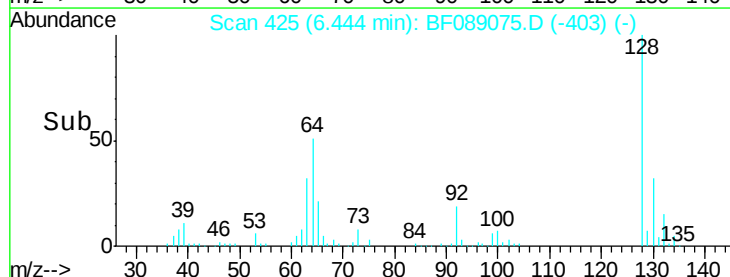
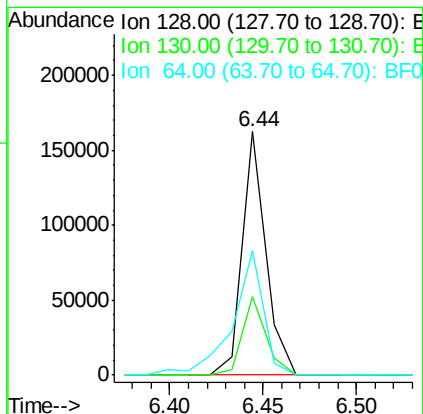
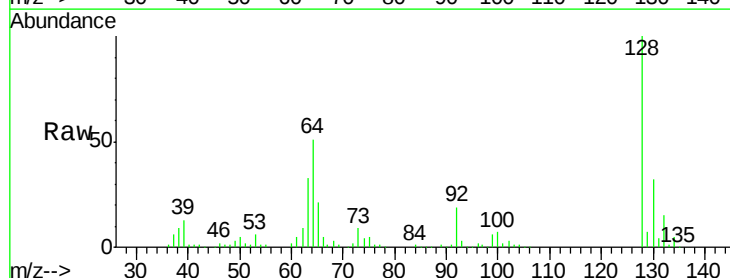
Tgt Ion: 128 Resp: 142785

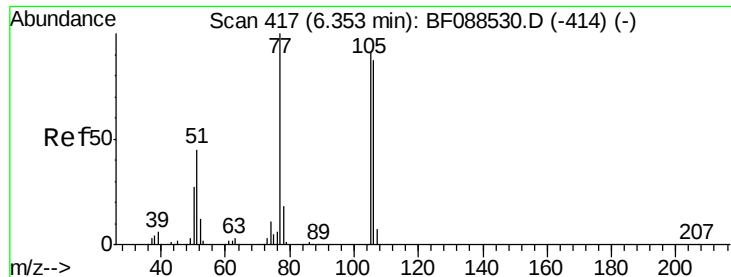
Ion Ratio Lower Upper

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 :

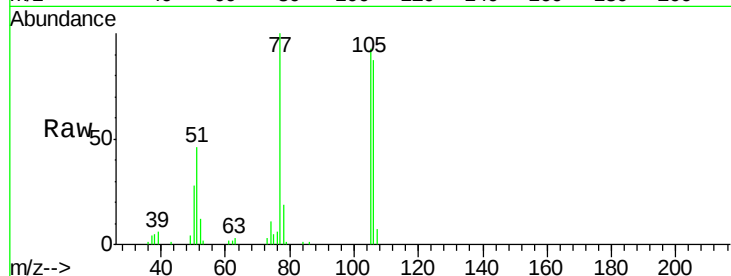
Tot Ion: 77 Resp: 52751

Ion Ratio Lower Upper

77 100

105 93.5 90.6 130.6

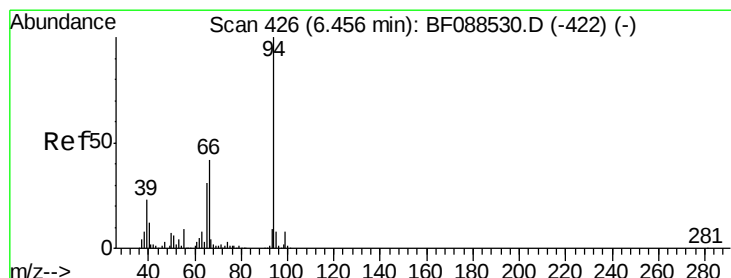
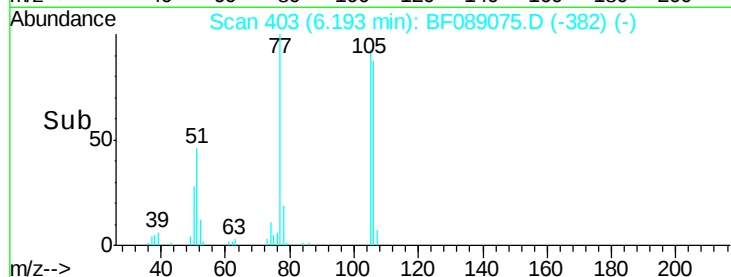
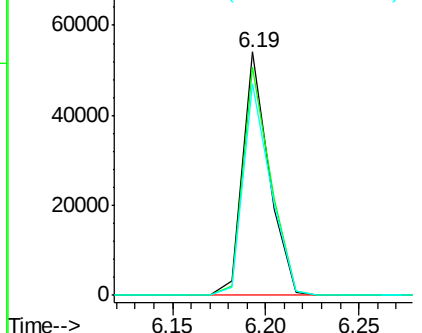
106 86.9 85.3 125.3



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

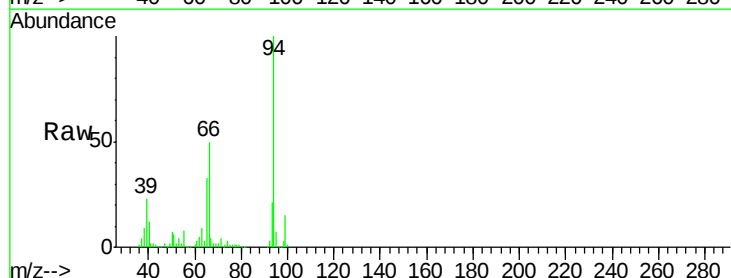
Tgt Ion: 94 Resp: 210048

Ion Ratio Lower Upper

94 100

65 33.0 5.9 45.9

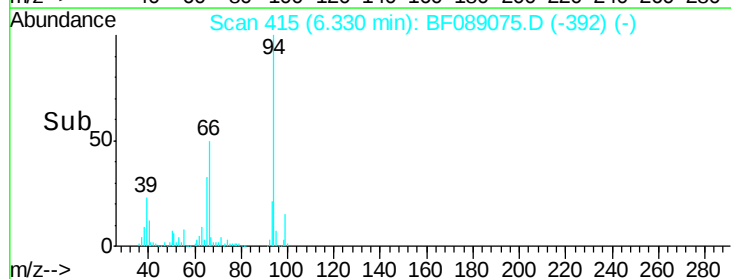
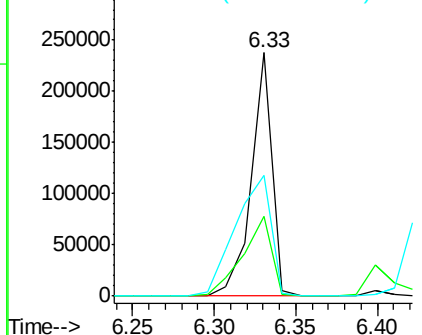
66 49.6 14.0 54.0

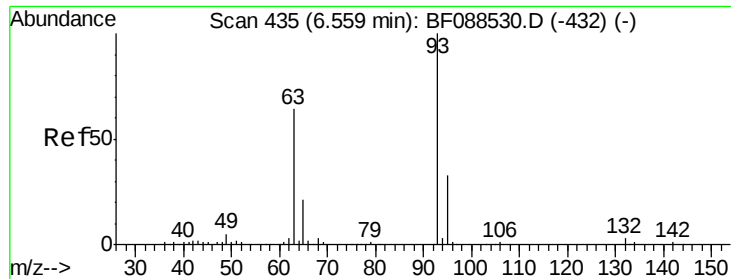


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

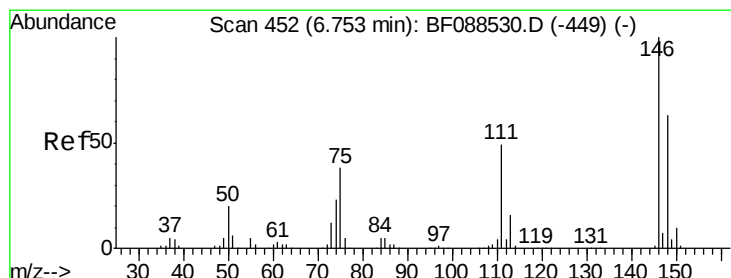
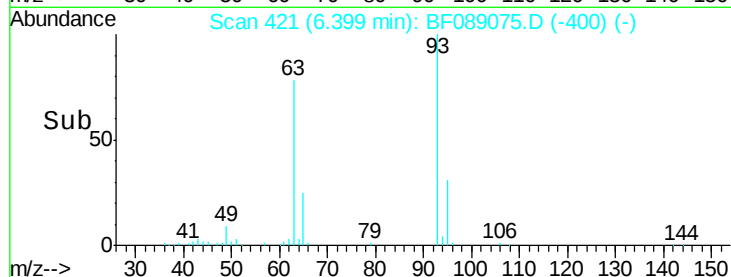
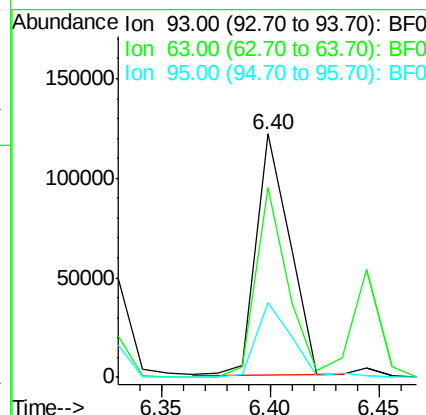
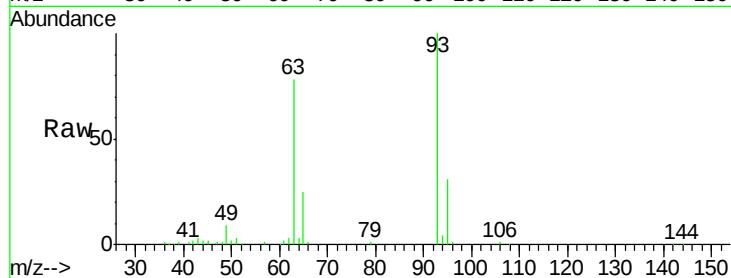




#11
bis(2-Chloroethyl)ether
Concen: 29.83 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

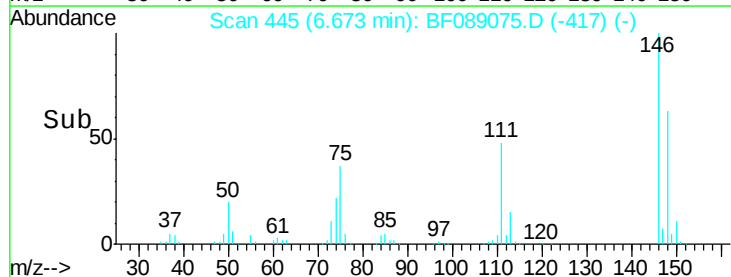
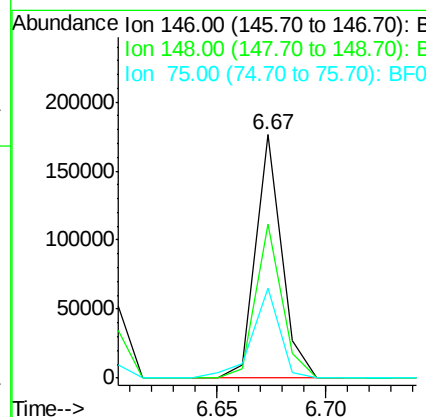
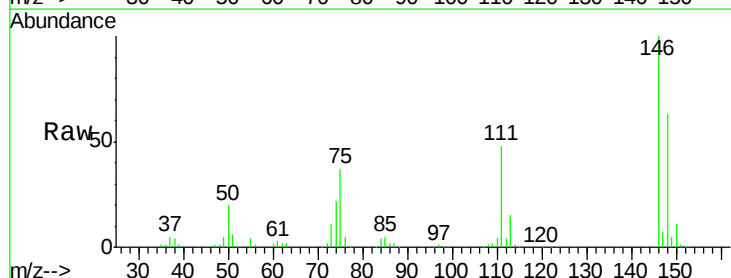
Instrument :
BNA_F
ClientSampleId :

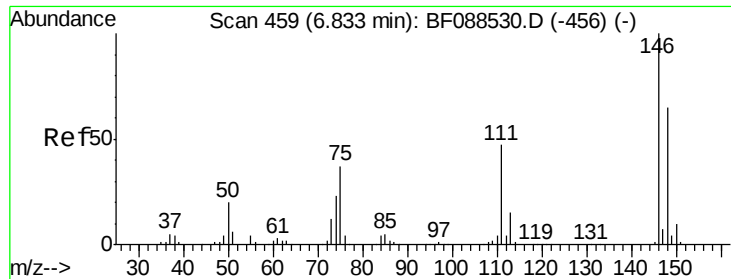
Tot Ion: 93 Resp: 130358
Ion Ratio Lower Upper
93 100
63 77.9 67.6 107.6
95 30.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 31.12 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.02 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion: 146 Resp: 146251
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 36.9 25.6 38.4

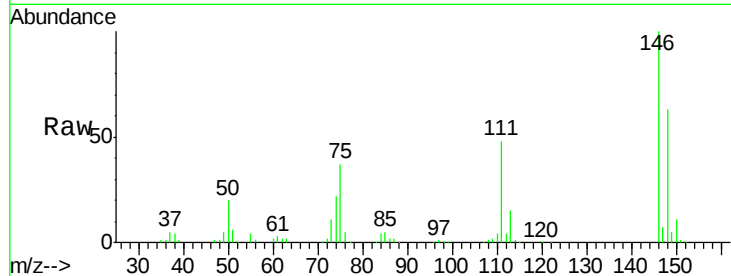




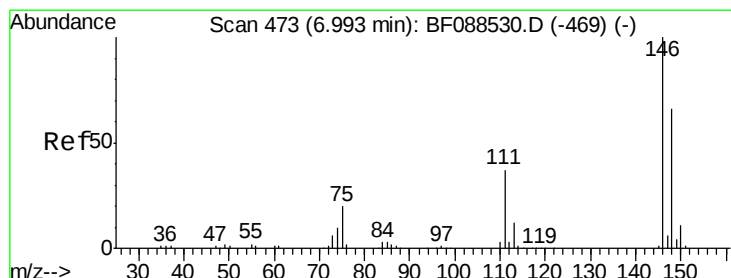
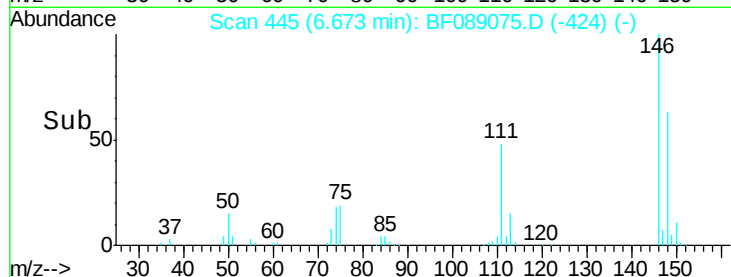
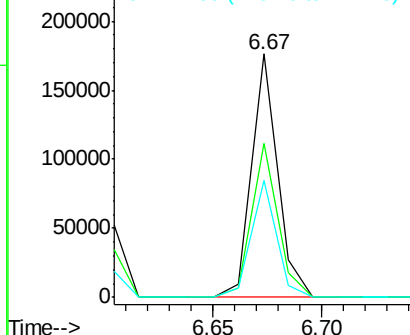
#13
 1,4-Dichlorobenzene
 Concen: 31.35 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampled :

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

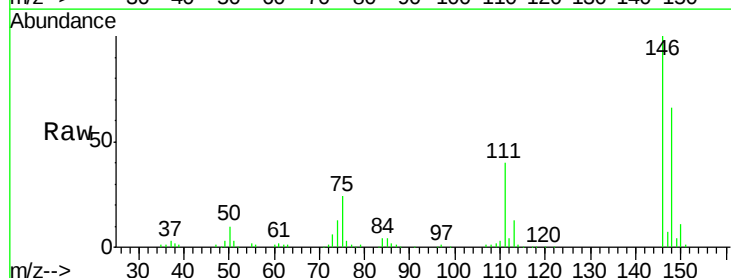


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

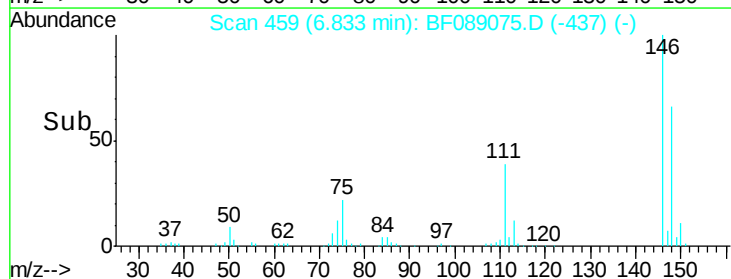
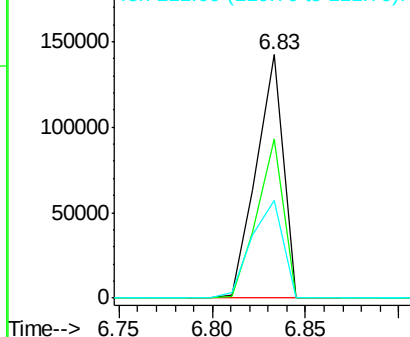


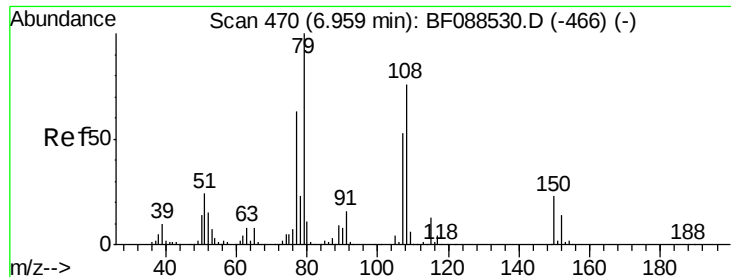
#14
 1,2-Dichlorobenzene
 Concen: 32.59 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

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 :

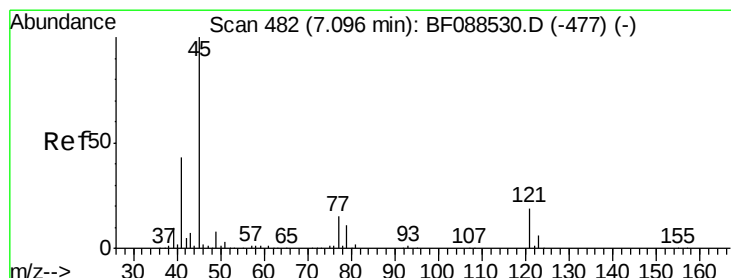
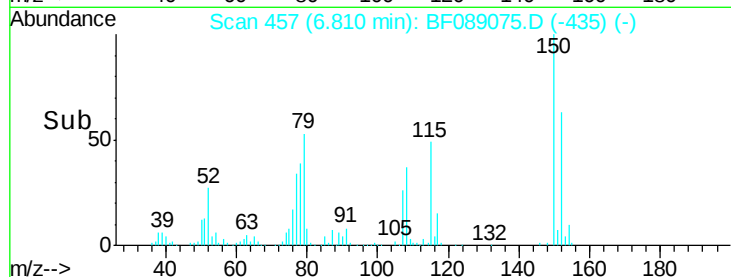
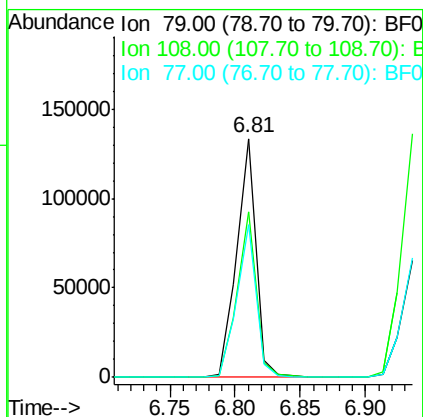
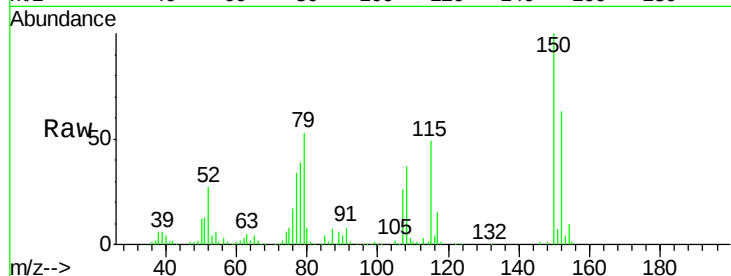
Tot Ion: 79 Resp: 136394

Ion Ratio Lower Upper

79 100

108 69.5 65.0 97.6

77 64.0 50.3 75.5



#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

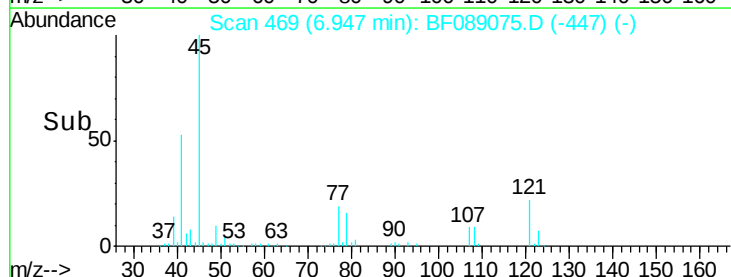
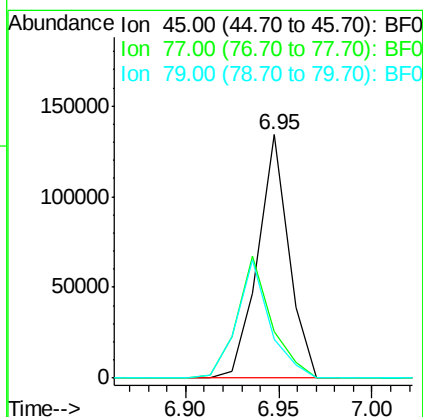
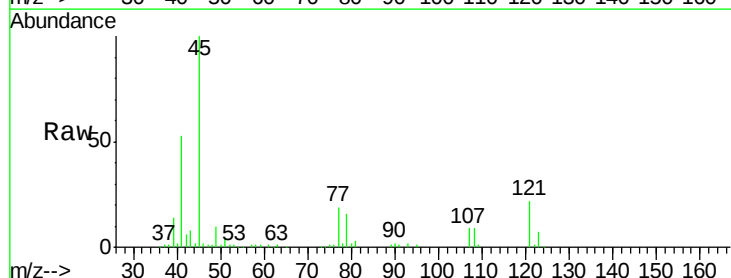
Tgt Ion: 45 Resp: 153316

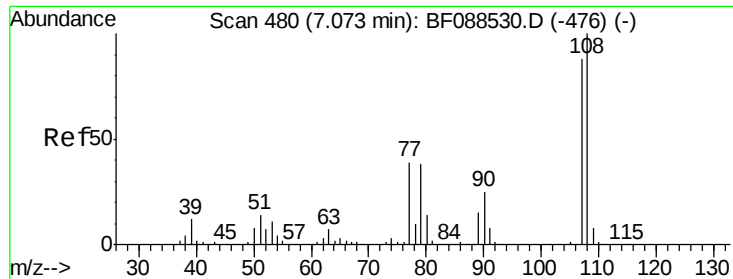
Ion Ratio Lower Upper

45 100

77 19.3 0.0 32.5

79 15.7 0.0 29.5

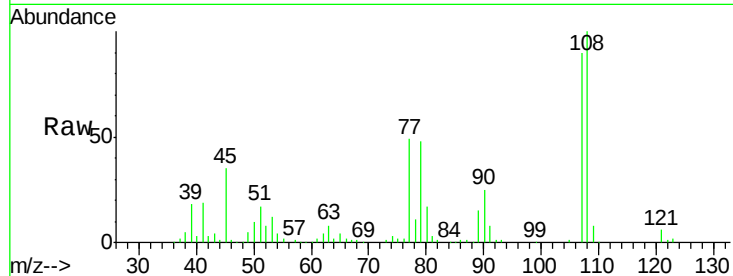




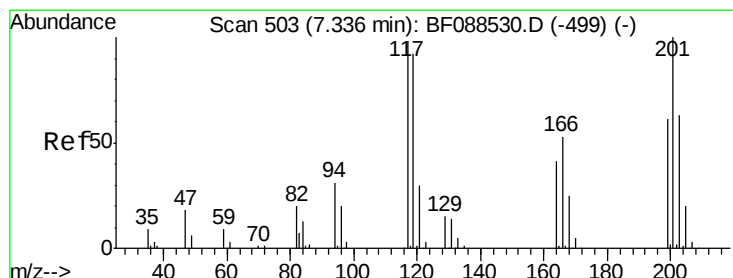
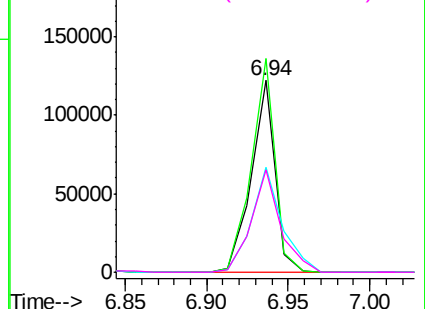
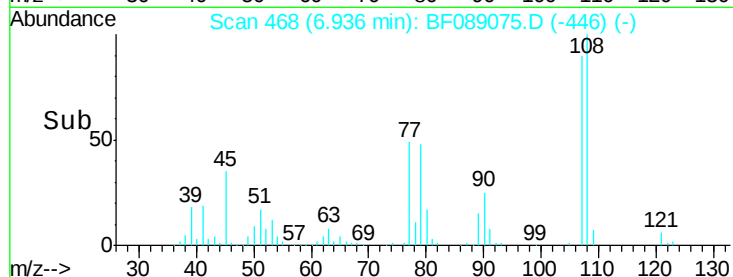
#17
2-Methylphenol
Concen: 35.43 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :

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

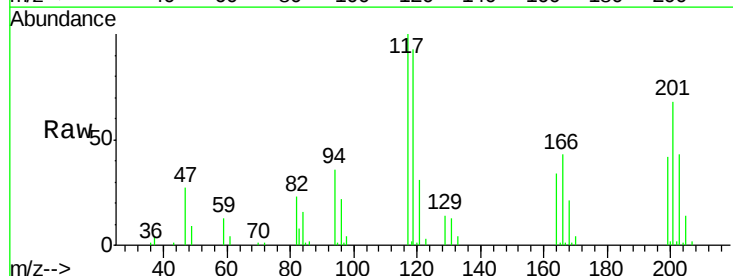


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

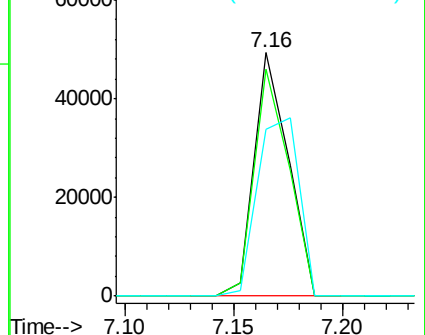
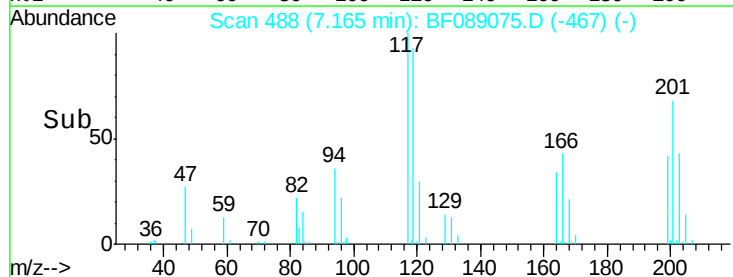


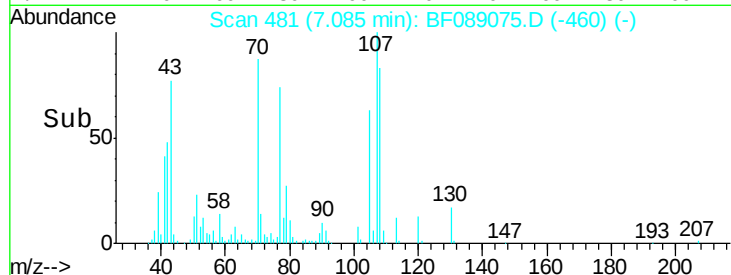
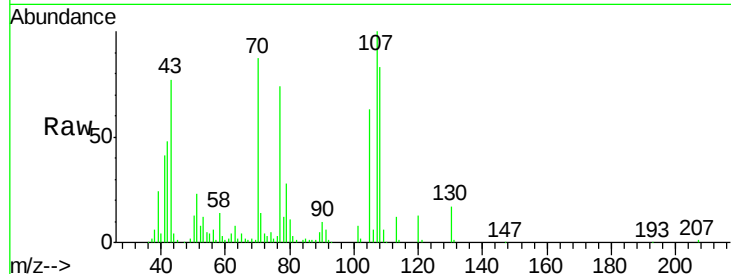
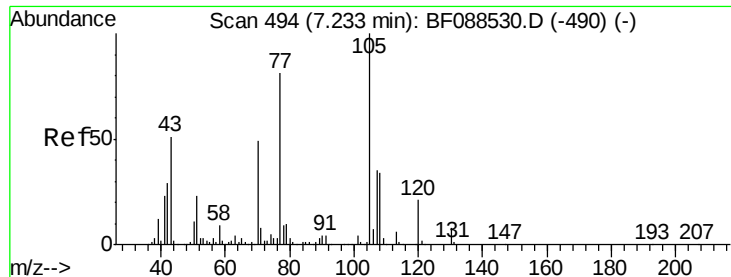
#18
Hexachloroethane
Concen: 29.91 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

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

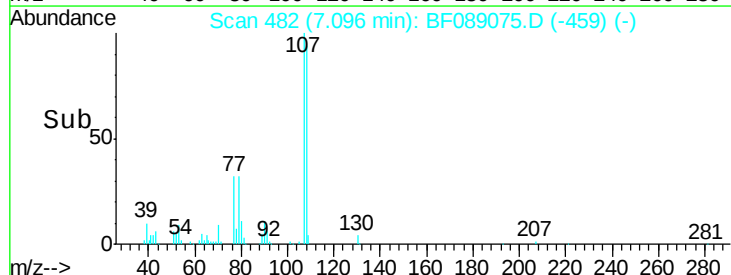
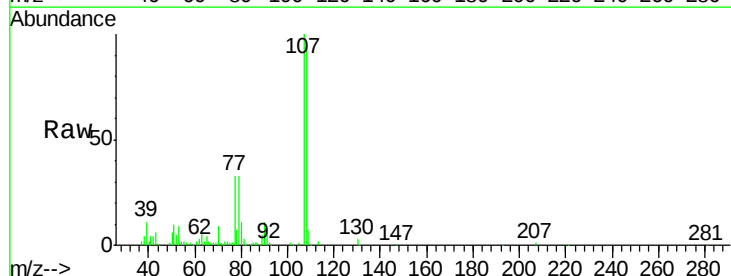
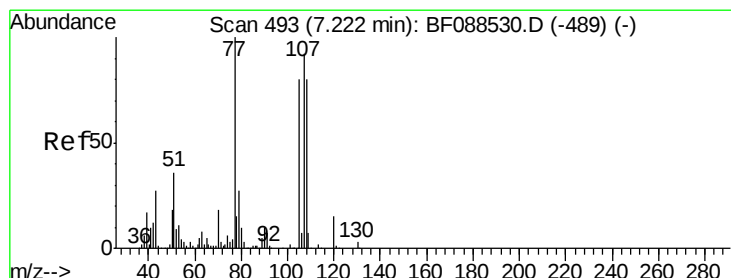
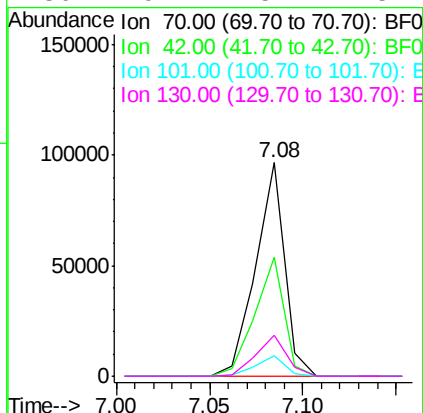




#19
n-Nitroso-di-n-propylamine
Concen: 30.40 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

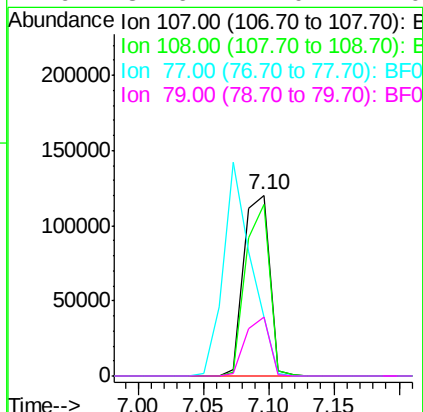
Instrument :
BNA_F
ClientSampleId :

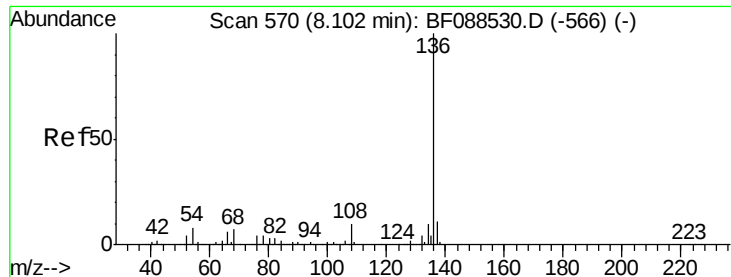
Tot Ion: 70 Resp: 104871
Ion Ratio Lower Upper
70 100
42 55.7 49.6 74.4
101 9.5 7.1 10.7
130 19.4 15.4 23.2



#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 :

Tot Ion:136 Resp: 237713

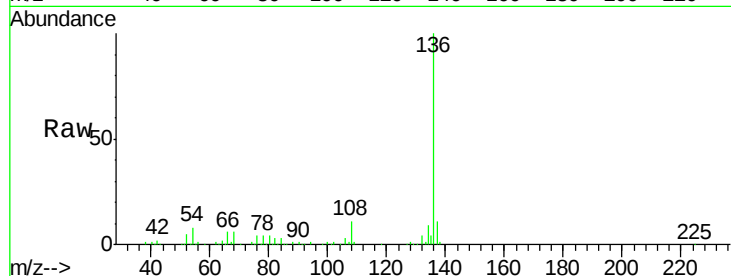
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.0 6.6 10.0

68 6.1 5.1 7.7

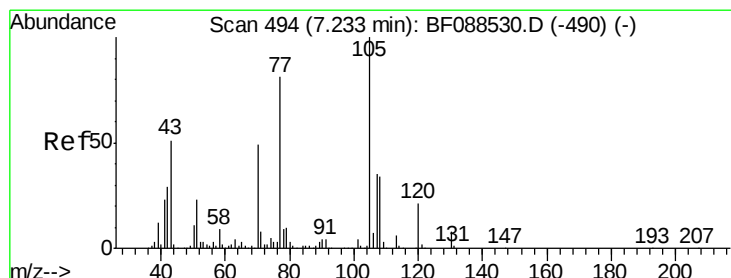
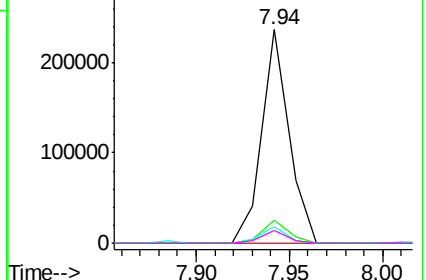
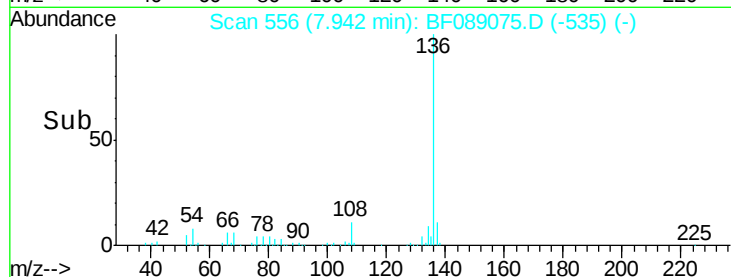


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 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

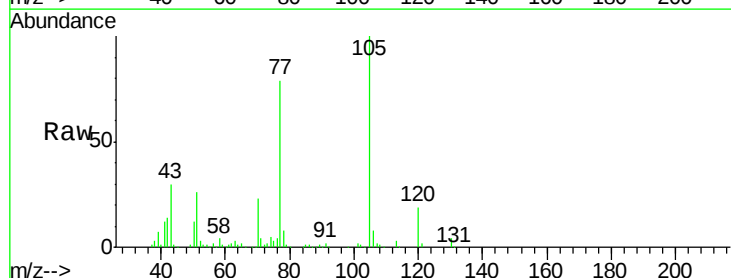
Ion Ratio Lower Upper

105 100

71 3.9 5.3 7.9#

51 26.3 18.2 27.4

120 19.2 18.0 27.0

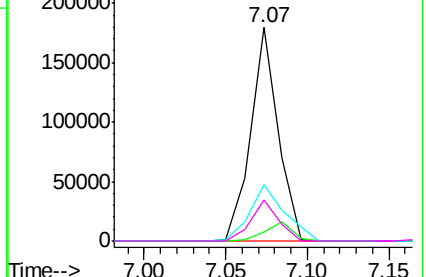
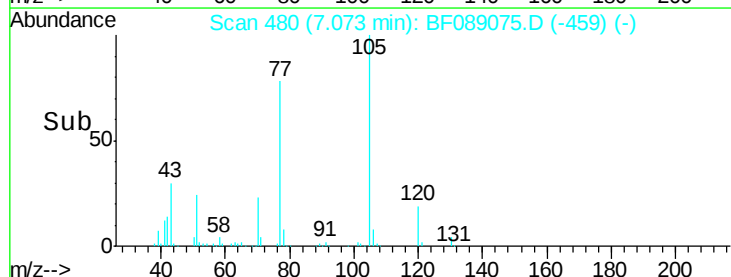


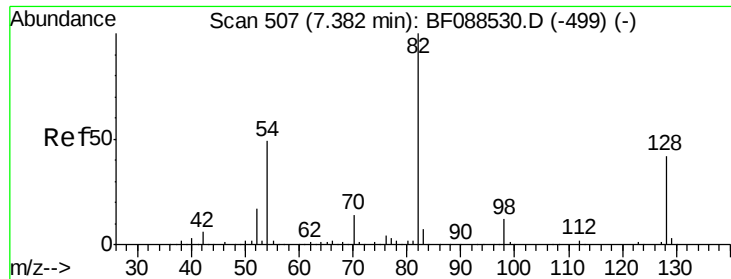
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

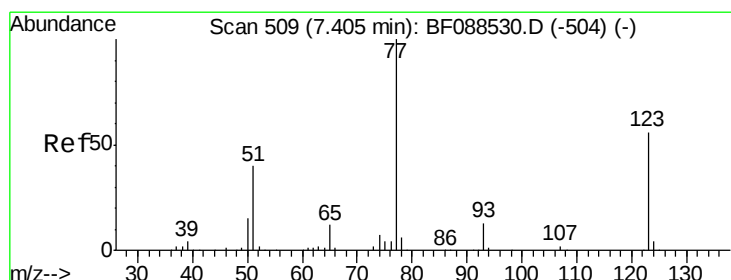
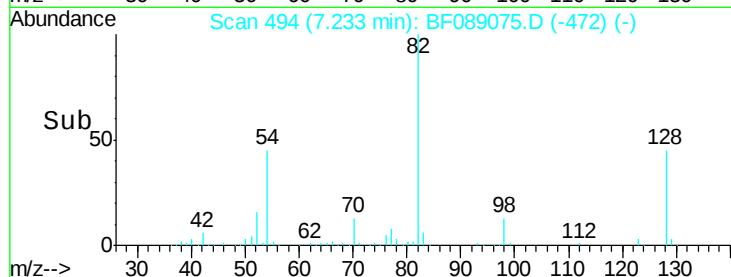
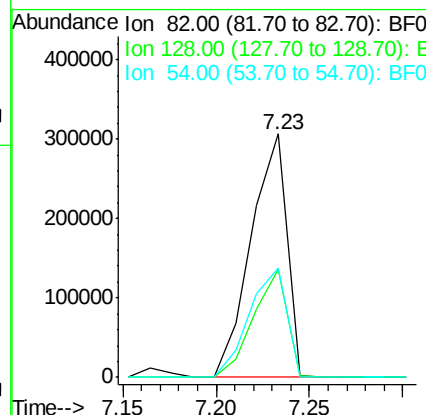
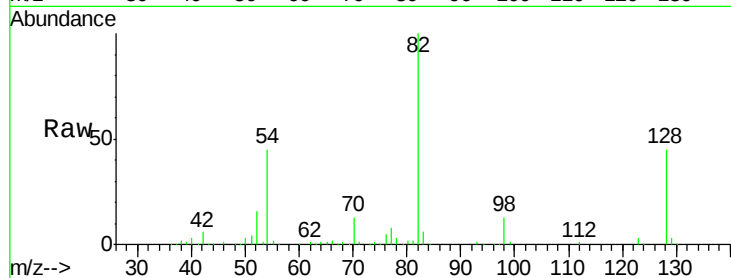




#23
 Nitrobenzene-d5
 Concen: 90.11 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

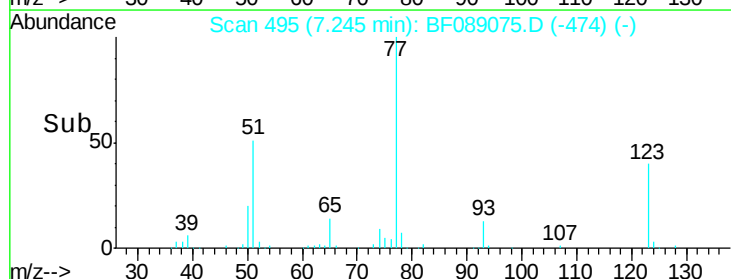
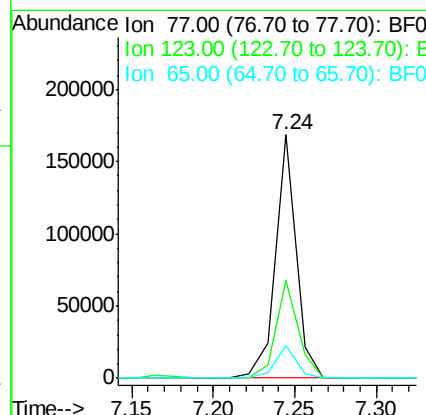
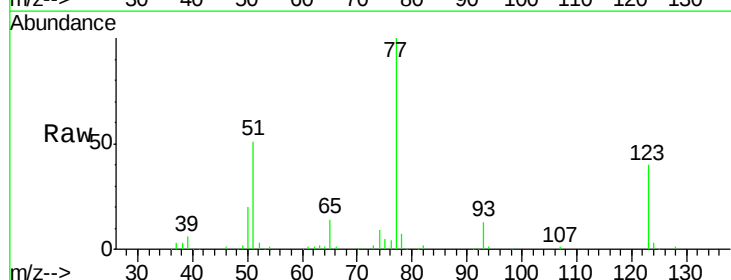
Instrument :
 BNA_F
 ClientSampleId :

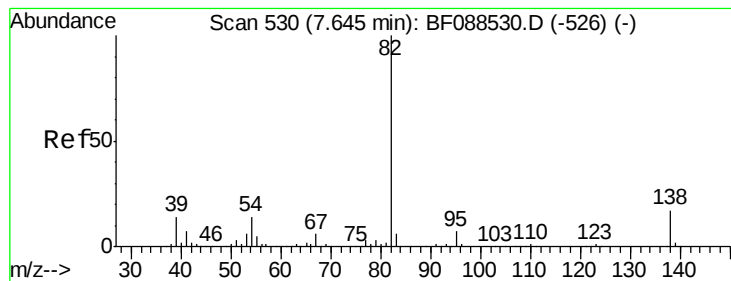
Tot Ion	82	Resp	408770
Ion Ratio	100		
Lower	35.9		
Upper	53.9		
54	45.1		61.3



#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	100		
Lower	45.0		
Upper	67.4#		
123	40.0		15.2
65	13.6		15.2





#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

ClientSampled :

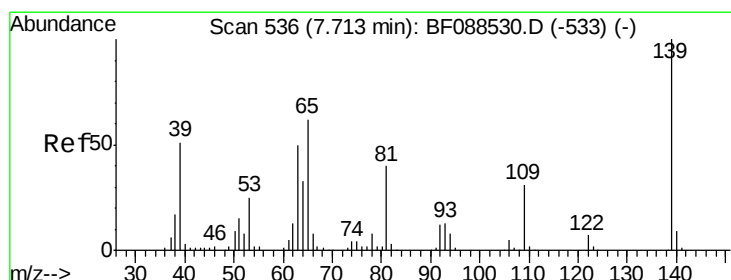
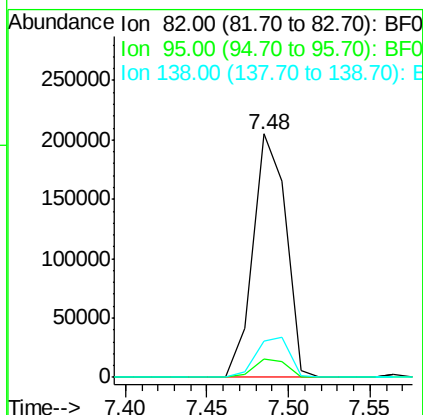
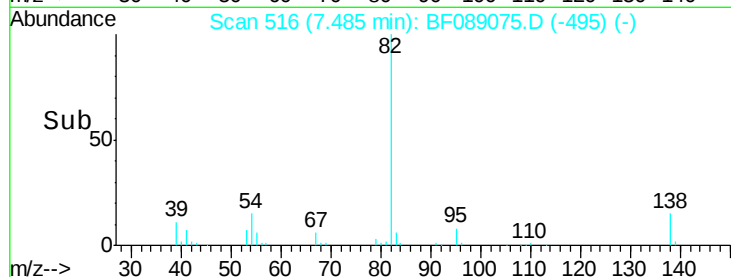
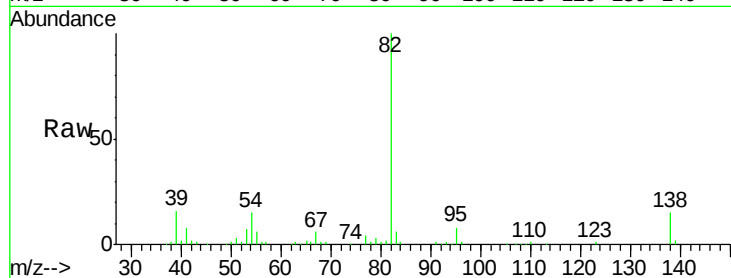
Tot Ion: 82 Resp: 287111

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

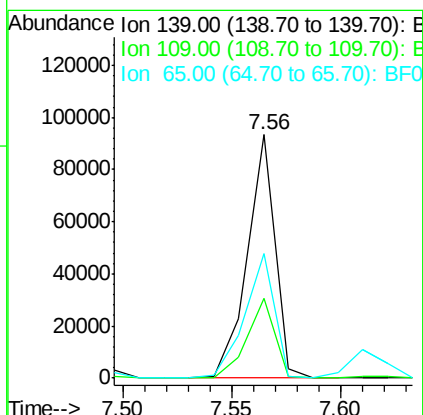
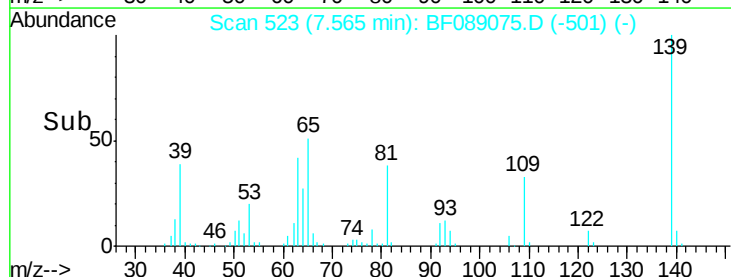
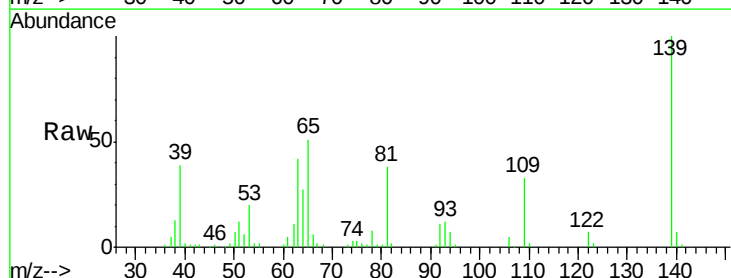
Tgt Ion: 139 Resp: 82474

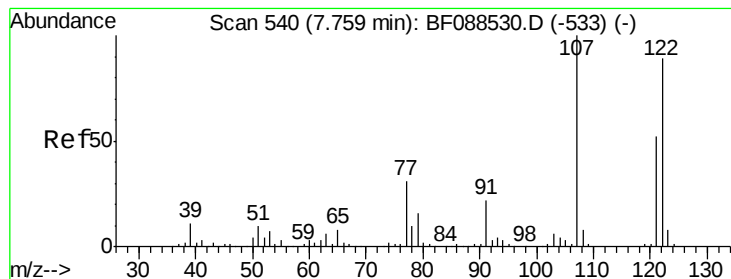
Ion Ratio Lower Upper

139 100

109 32.8 23.0 34.4

65 51.3 45.8 68.8

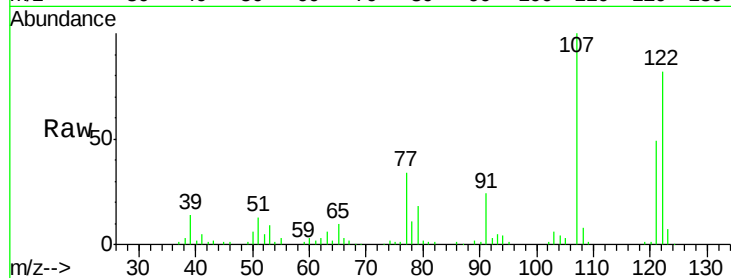




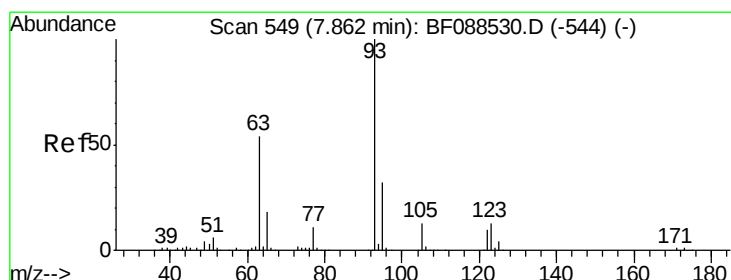
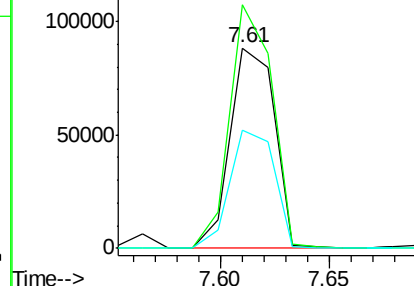
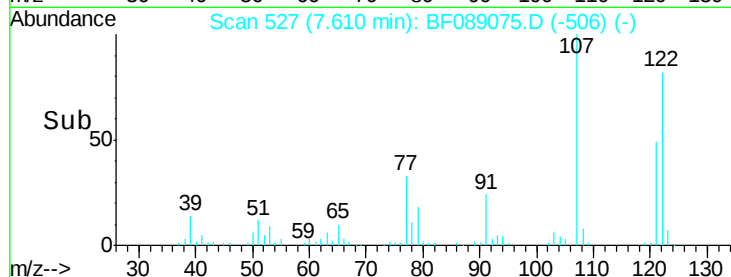
#27
 2,4-Dimethylphenol
 Concen: 32.13 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampled :

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

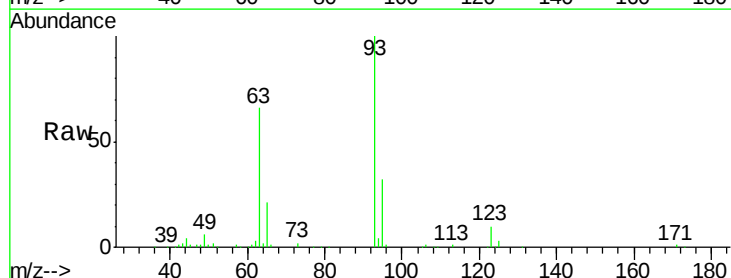


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

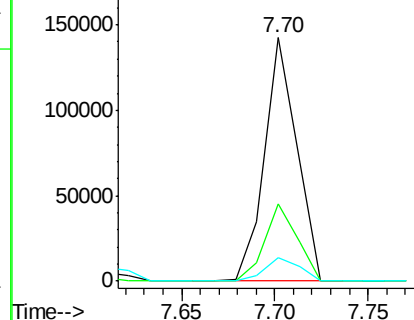
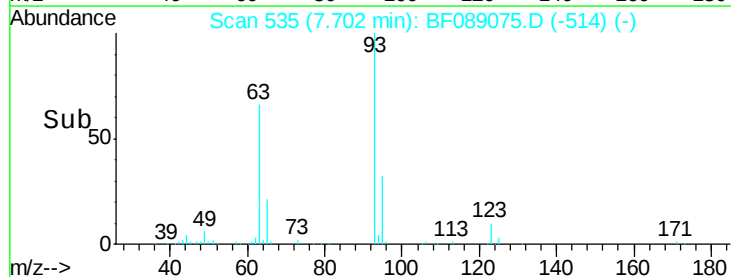


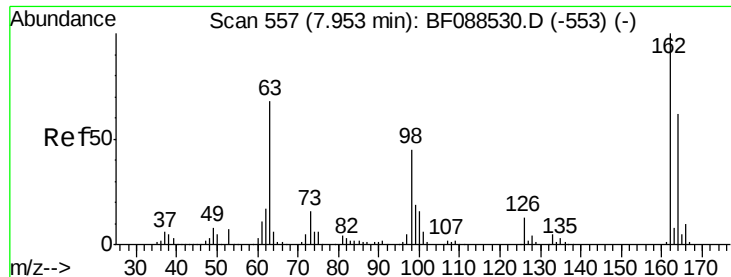
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.00 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

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

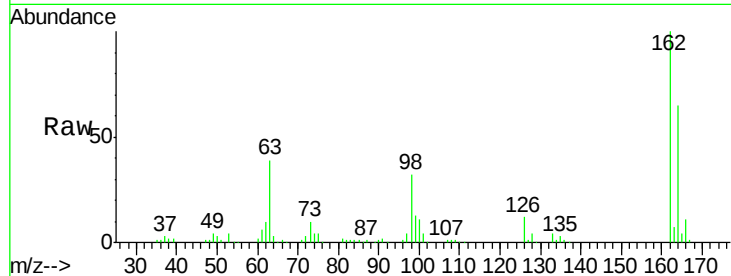




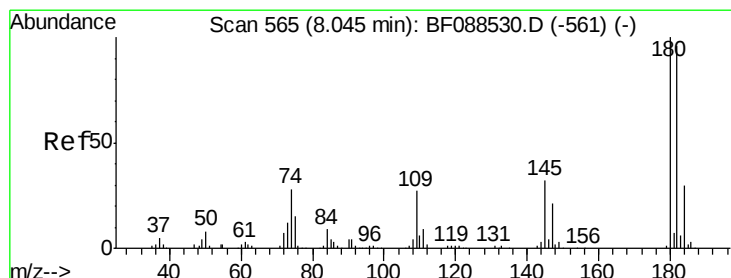
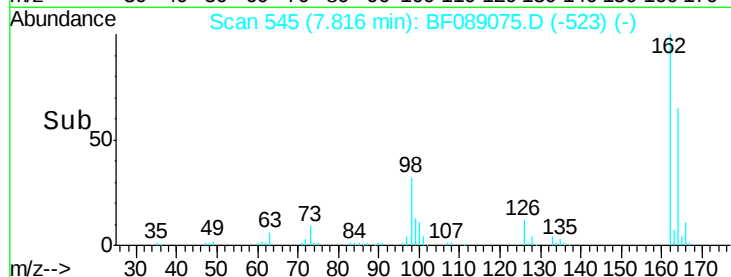
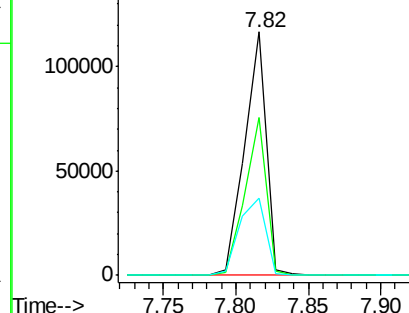
#29
 2,4-Dichlorophenol
 Concen: 38.38 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

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

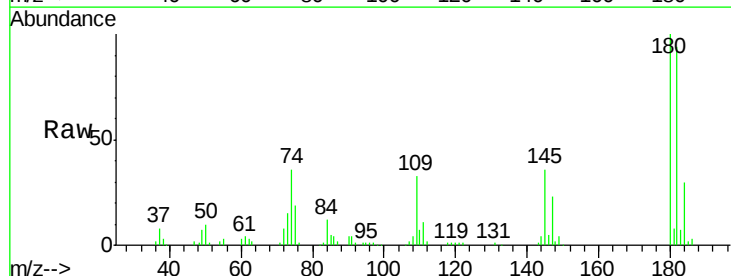


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

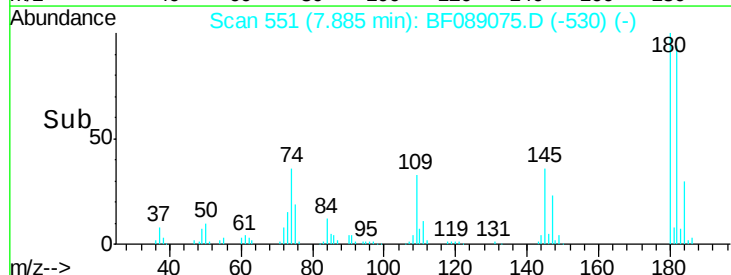
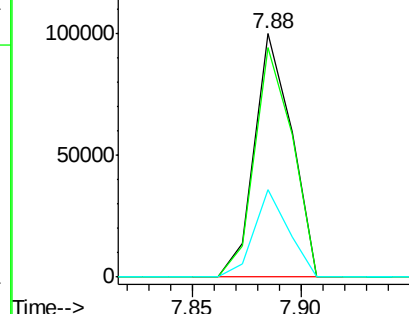


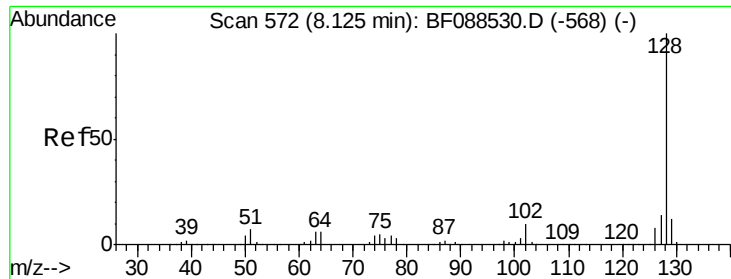
#30
 1,2,4-Trichlorobenzene
 Concen: 34.29 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

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

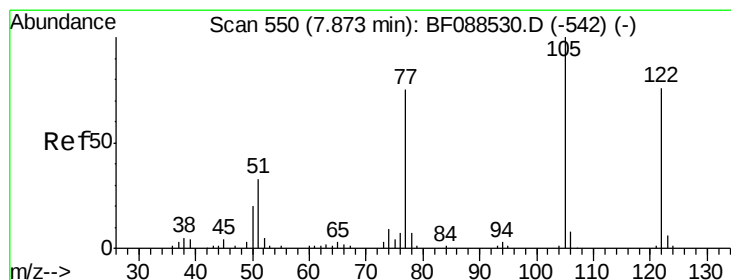
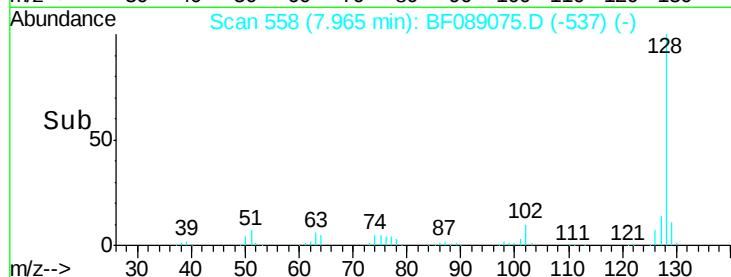
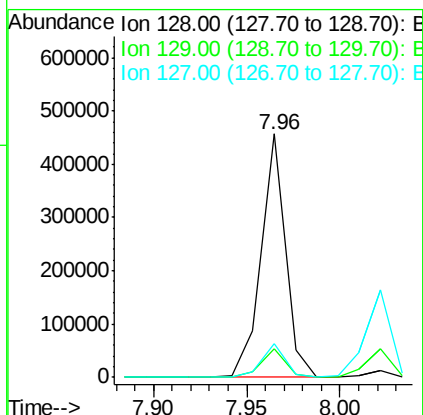
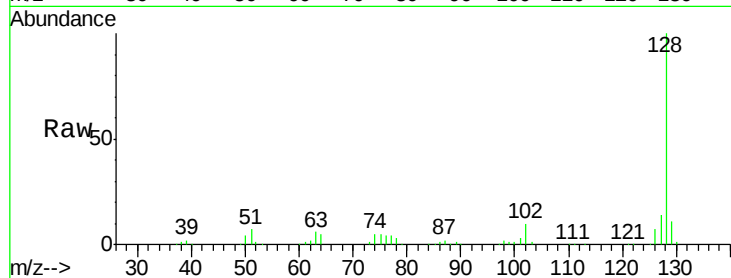




#31
Naphthalene
Concen: 34.93 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

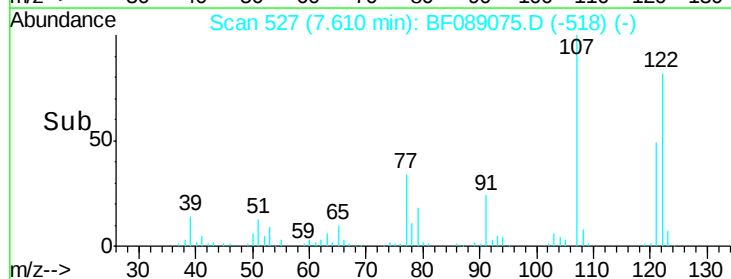
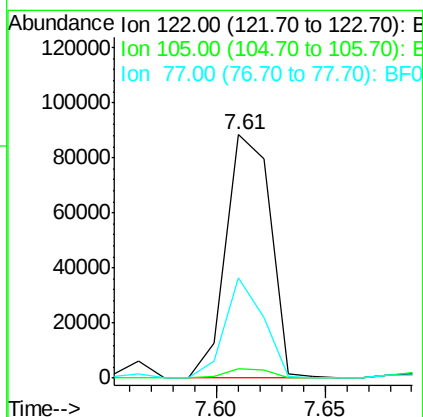
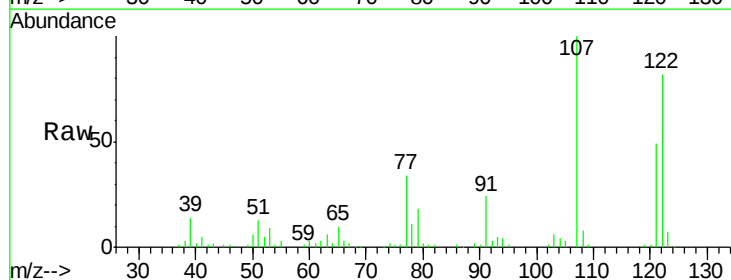
Instrument :
BNA_F
ClientSampleId :

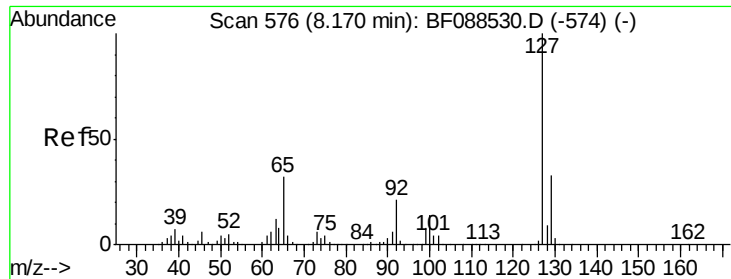
Tot Ion:128 Resp: 409319
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 44.25 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.19 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt Ion:122 Resp: 125491
Ion Ratio Lower Upper
122 100
105 4.1 101.6 141.6#
77 41.3 70.6 110.6#

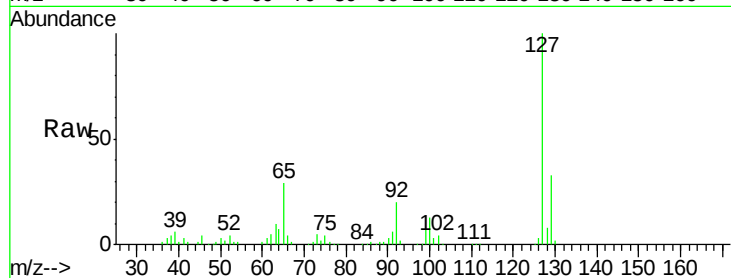




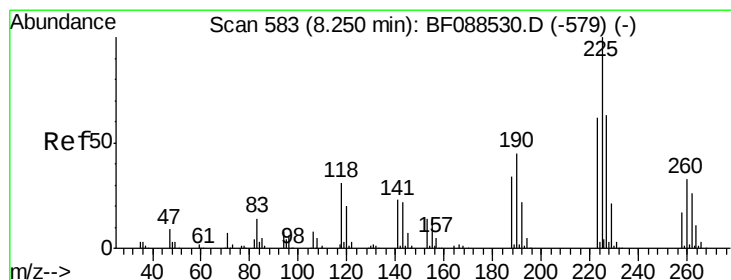
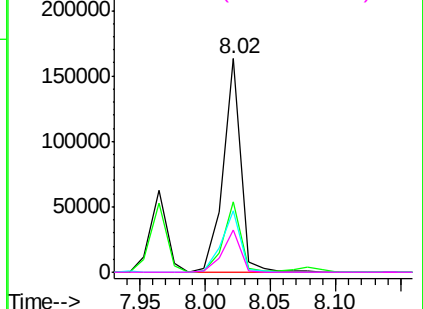
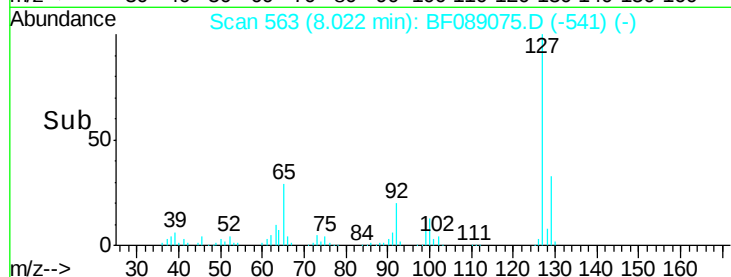
#33
4-Chloroaniline
Concen: 29.69 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampled :

Tot 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

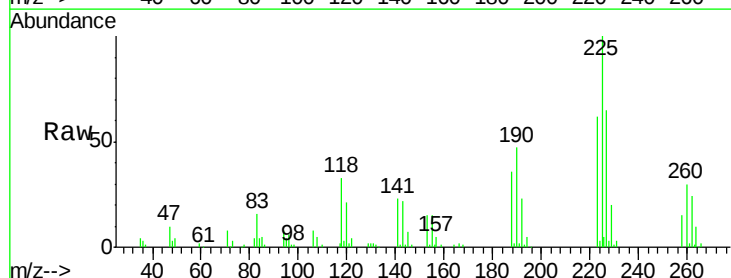


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

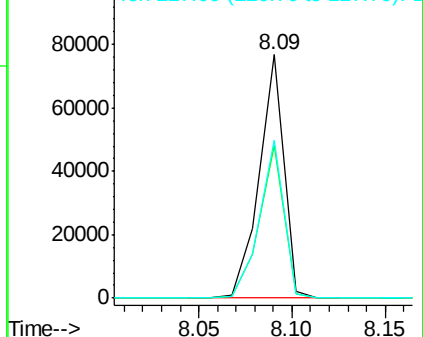
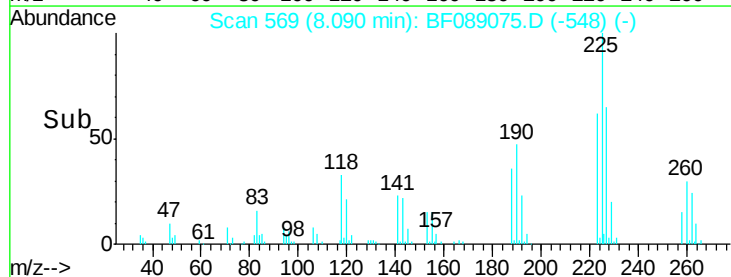


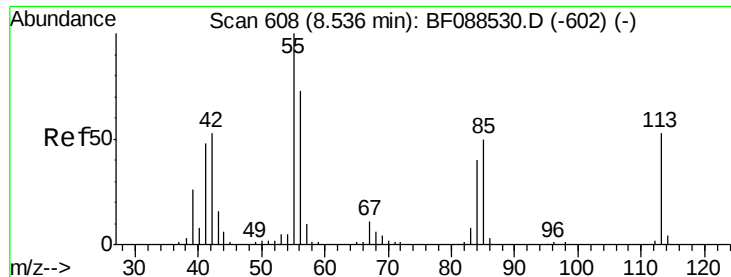
#34
Hexachlorobutadiene
Concen: 37.65 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt 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

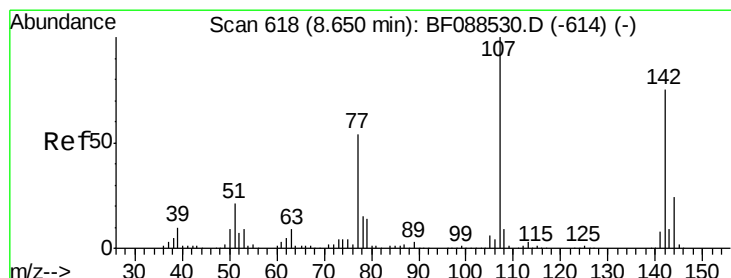
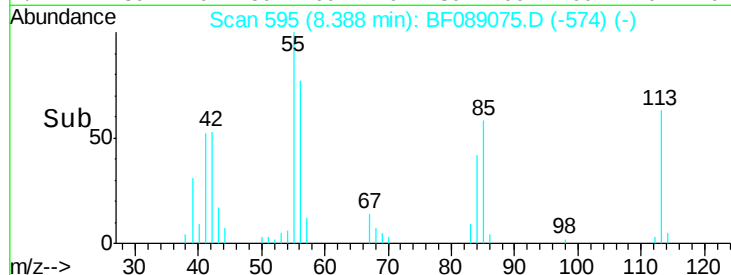
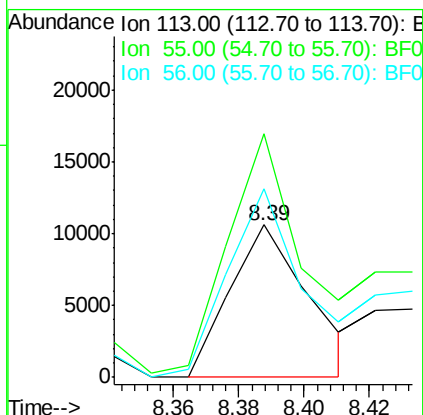
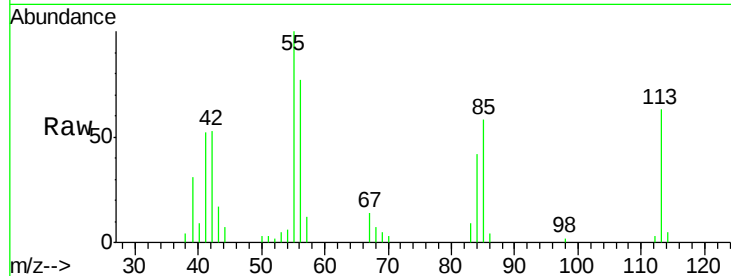




#35
Caprolactam
Concen: 16.36 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

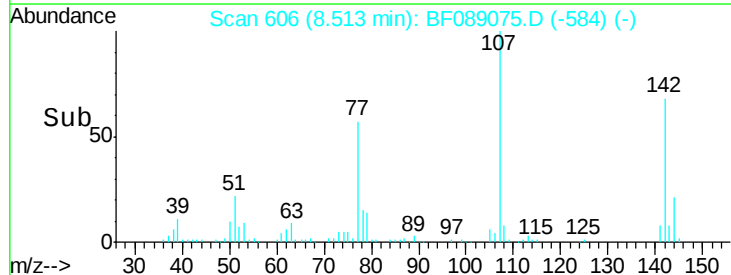
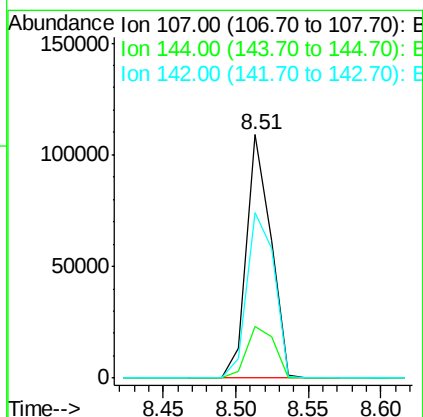
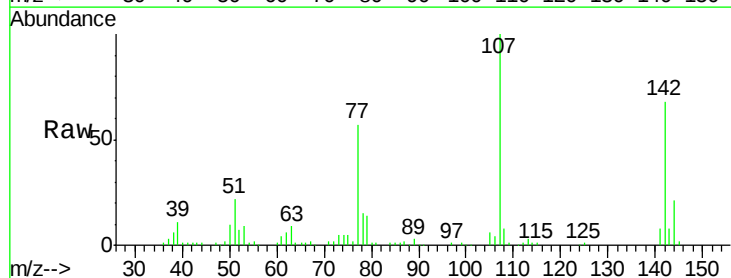
Instrument :
BNA_F
ClientSampled :

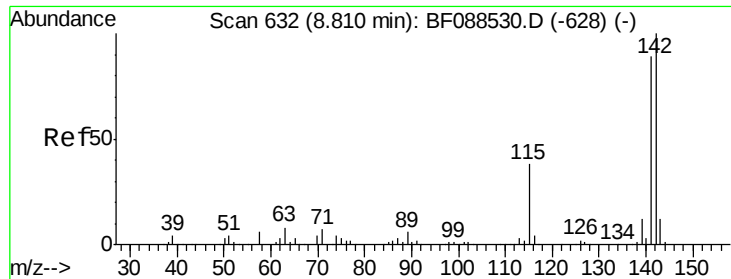
Tot Ion:113 Resp: 17537
Ion Ratio Lower Upper
113 100
55 159.7 158.6 198.6
56 123.4 110.6 150.6



#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

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

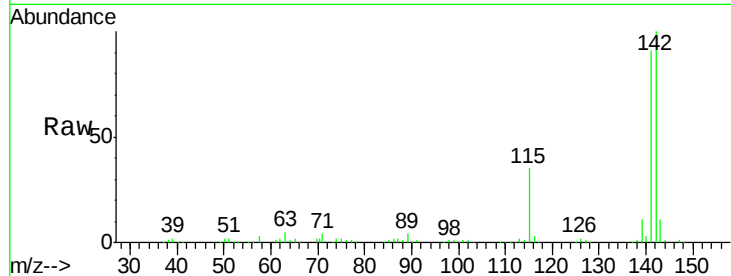




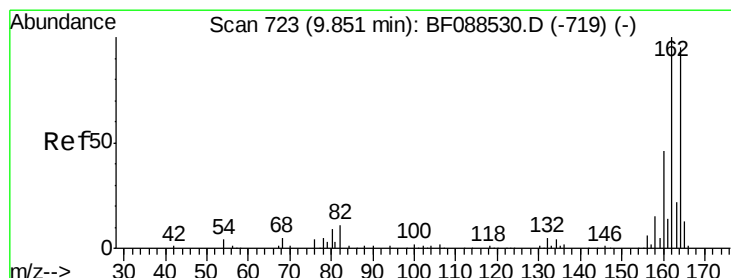
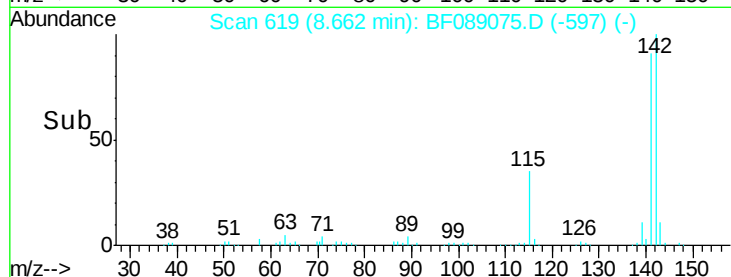
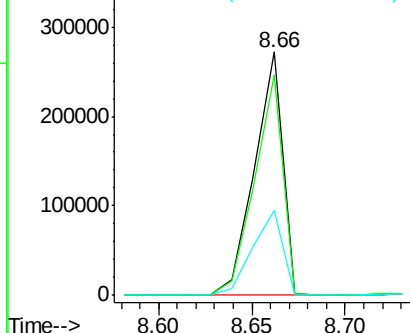
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :

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

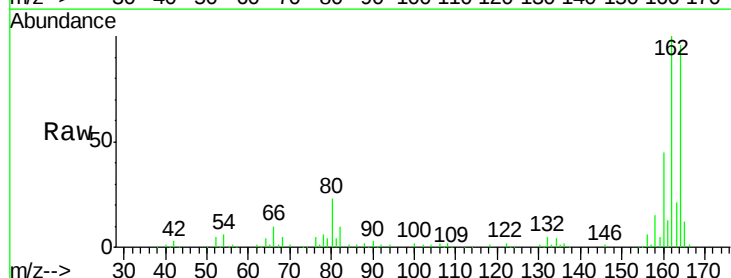


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

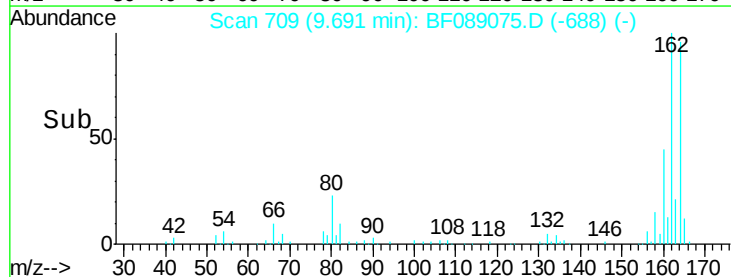
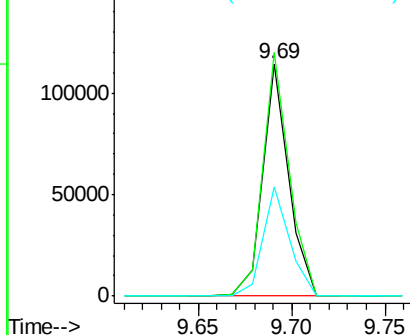


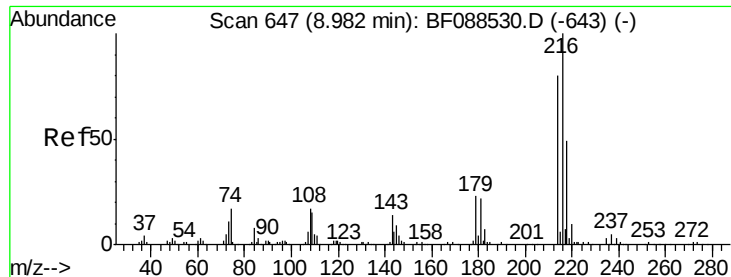
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

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



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 109940

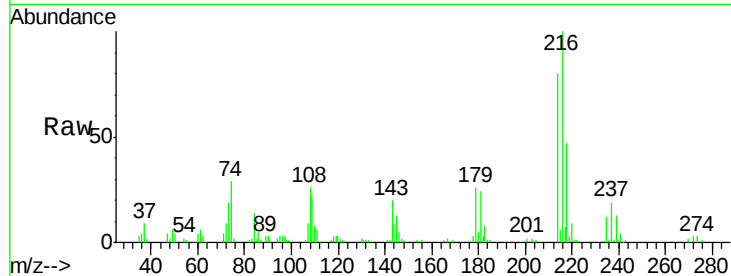
Ion Ratio Lower Upper

216 100

214 78.3 2.9 4.3#

179 22.7 0.0 0.0#

108 22.4 0.5 0.7#

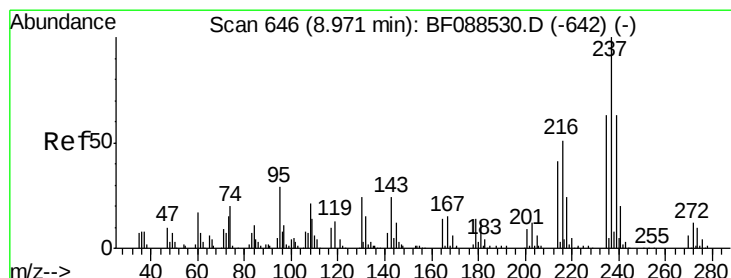
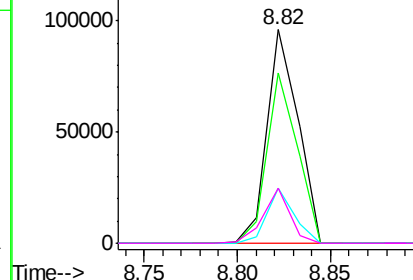
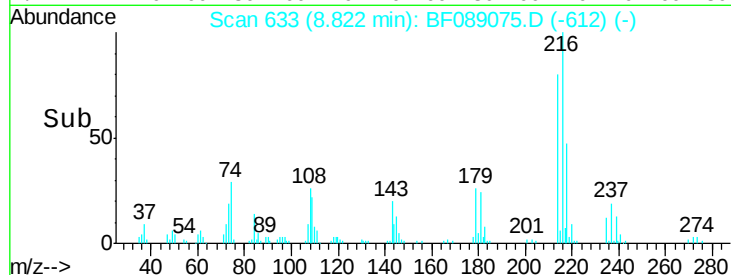


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 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

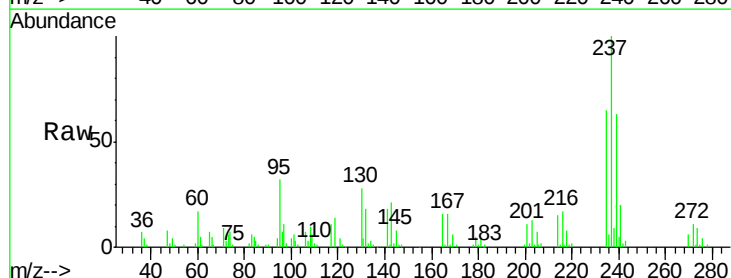
Tgt Ion:237 Resp: 63661

Ion Ratio Lower Upper

237 100

235 64.8 43.4 83.4

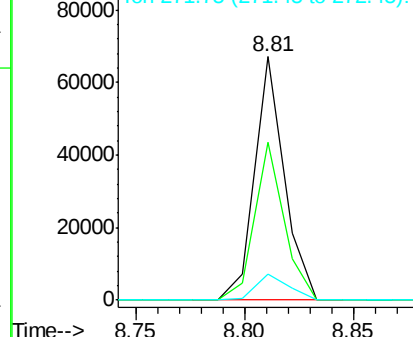
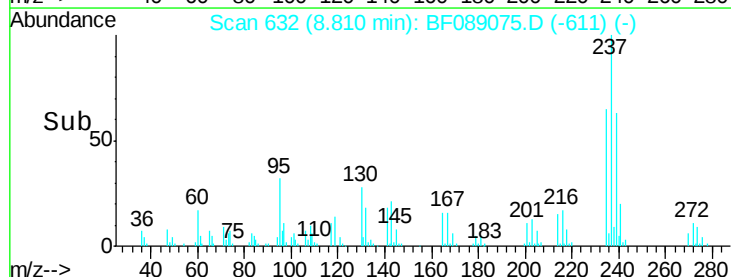
272 10.8 0.0 32.3

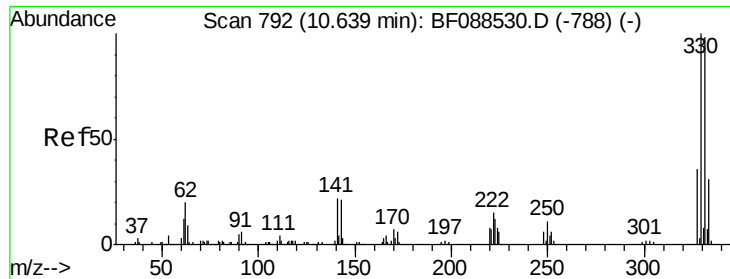


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

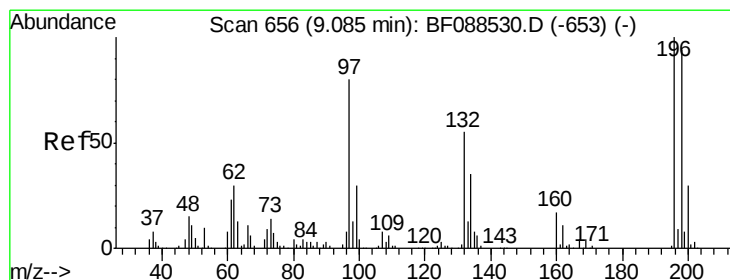
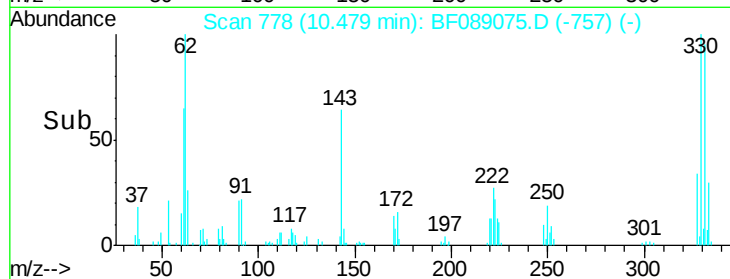
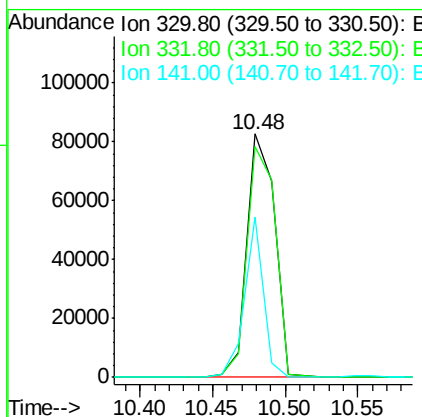
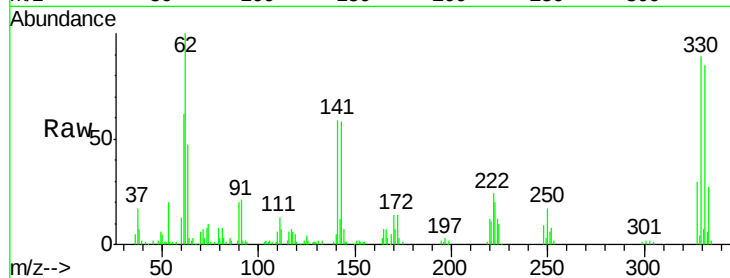




#41
 2,4,6-Tribromophenol
 Concen: 108.58 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

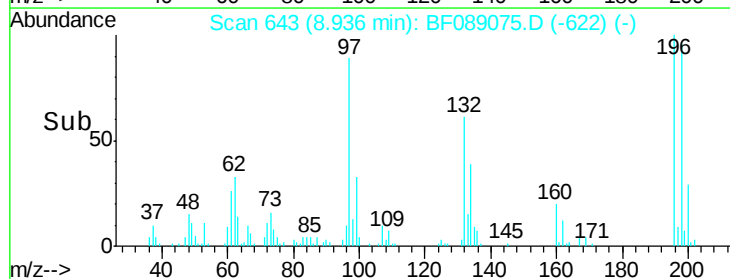
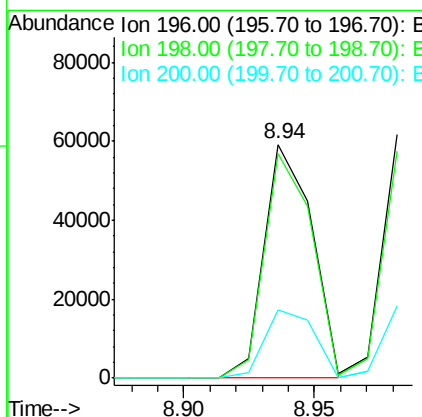
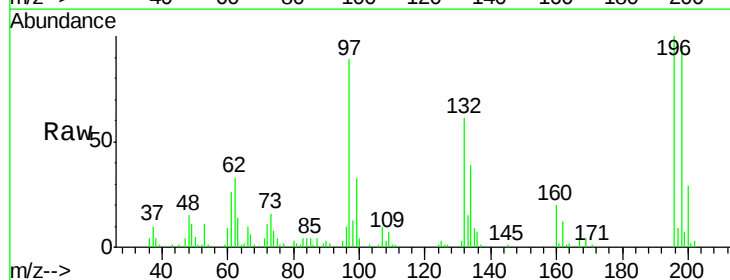
Instrument :
 BNA_F
 ClientSampled :

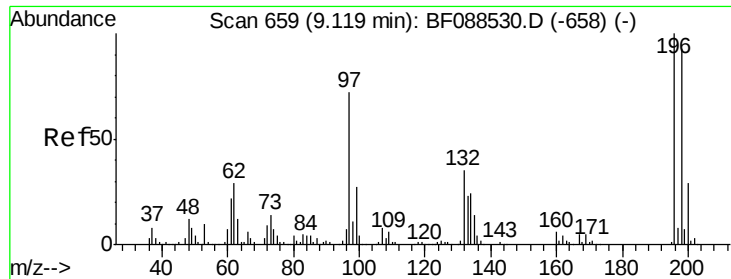
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	45.2	0.0	0.0#



#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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.0	117.0
200	29.2	25.4	38.2

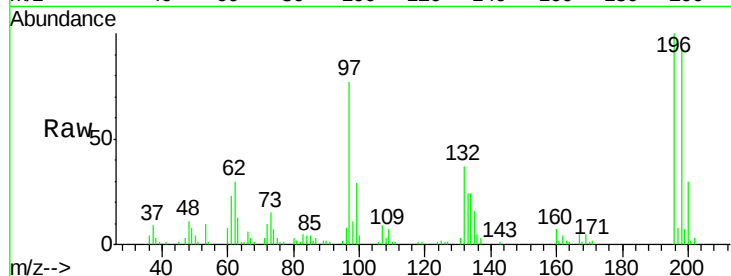




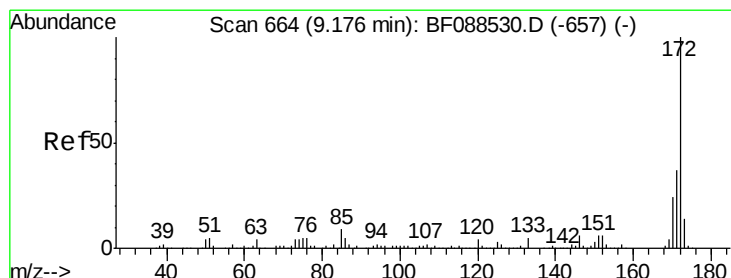
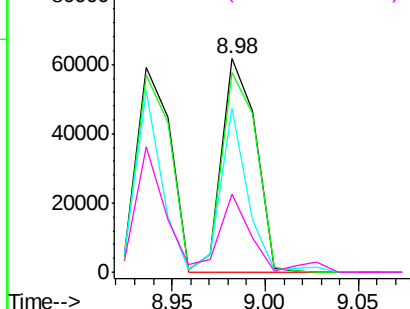
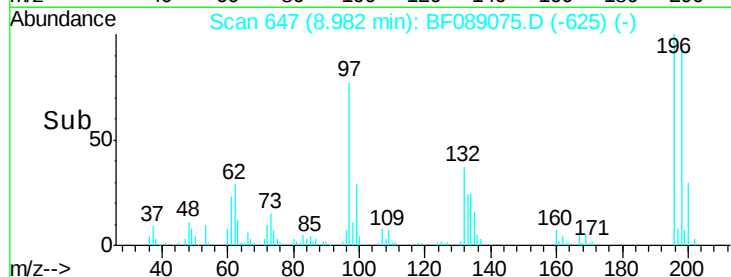
#43
 2,4,5-Trichlorophenol
 Concen: 38.52 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

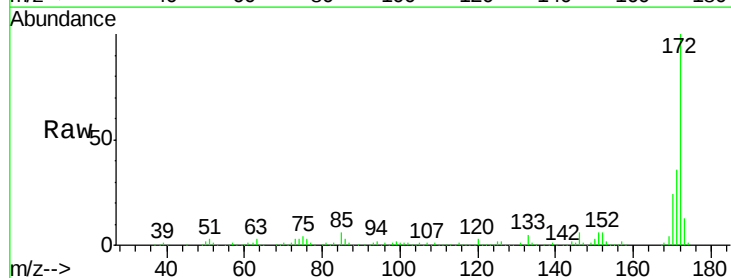


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

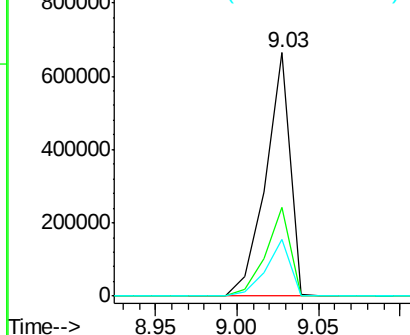
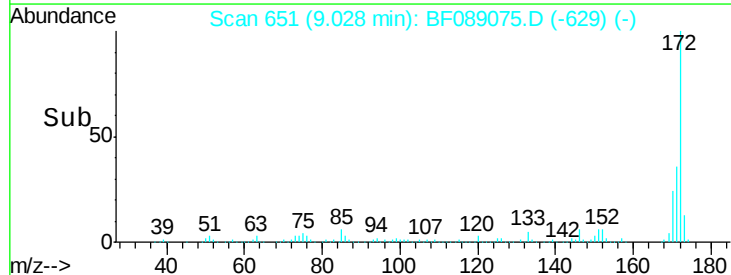


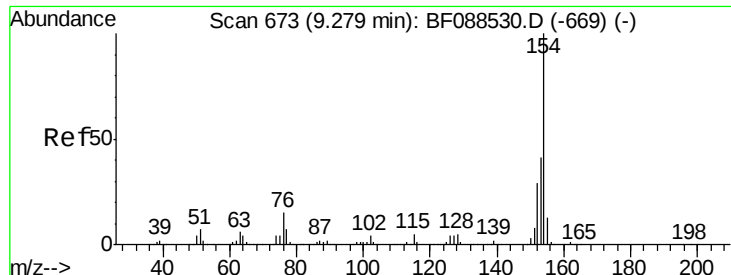
#44
 2-Fluorobiphenyl
 Concen: 99.88 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 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

Instrument :

BNA_F

ClientSampleId :

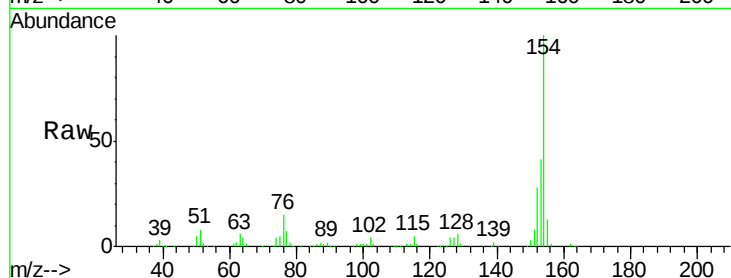
Tot Ion:154 Resp: 299559

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

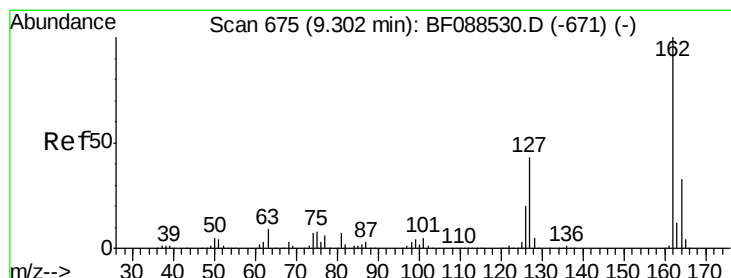
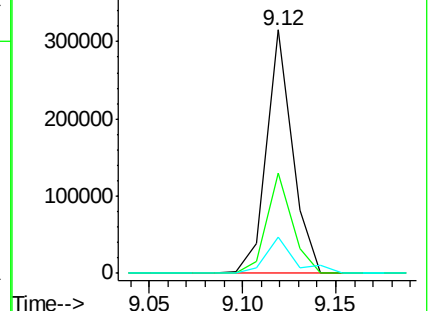
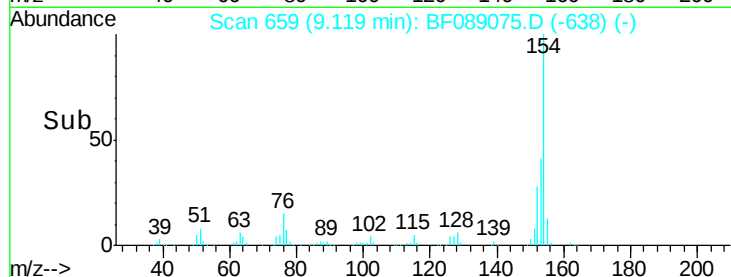
76 15.1 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 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

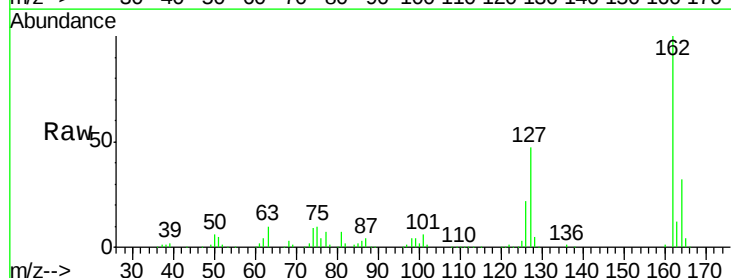
Tgt Ion:162 Resp: 241240

Ion Ratio Lower Upper

162 100

127 47.4 35.2 52.8

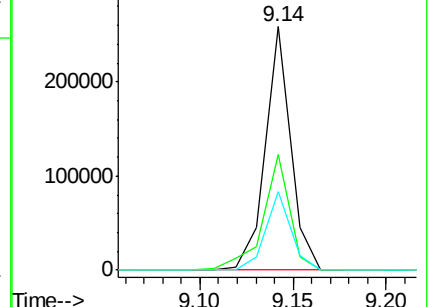
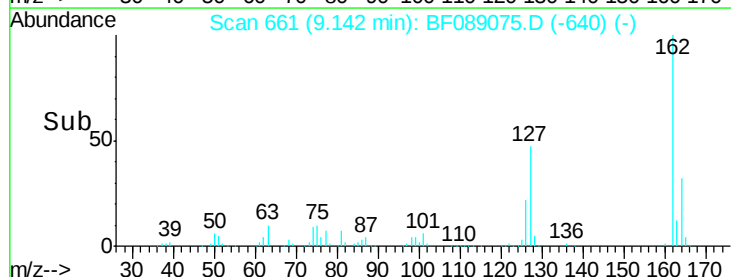
164 32.4 26.6 39.8

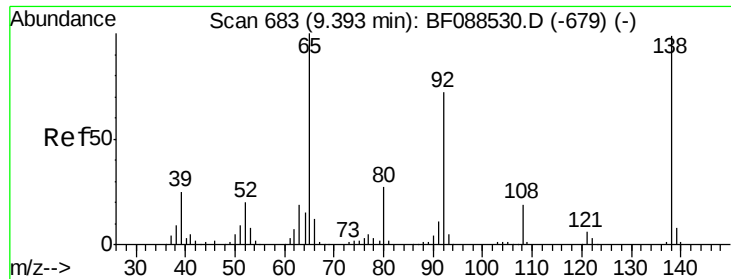


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

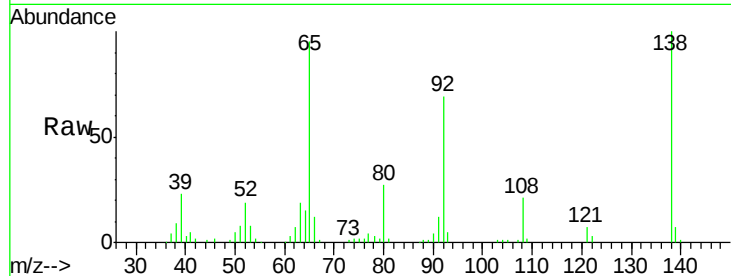




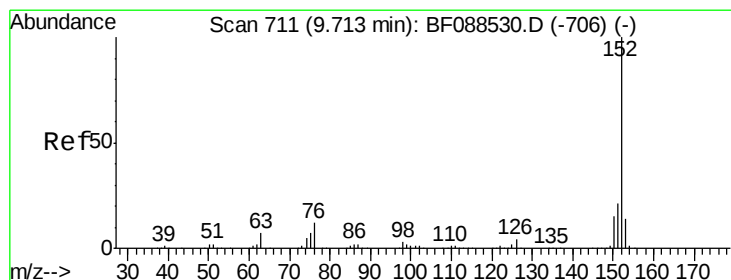
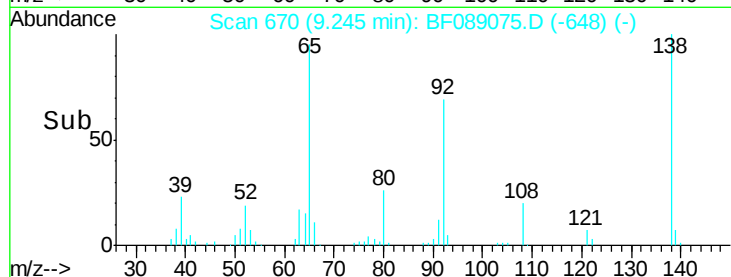
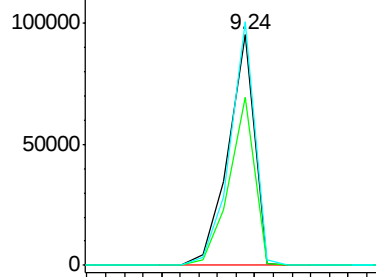
#47
 2-Nitroaniline
 Concen: 36.95 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	54.6	82.0
138	105.5	77.0	115.4

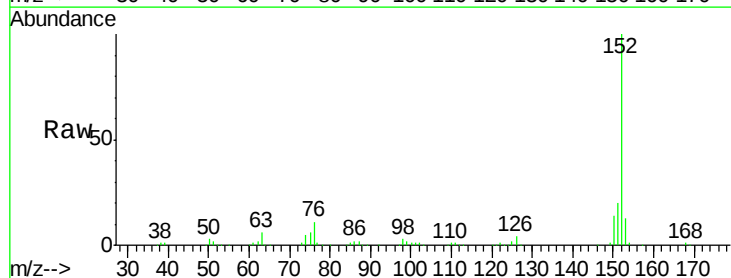


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

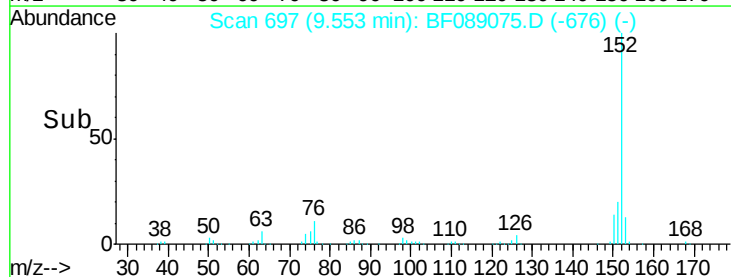
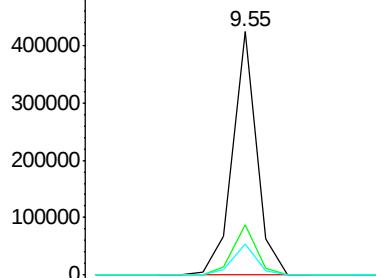


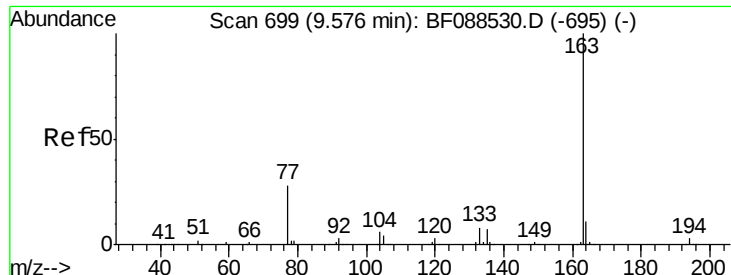
#48
 Acenaphthylene
 Concen: 33.98 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt 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

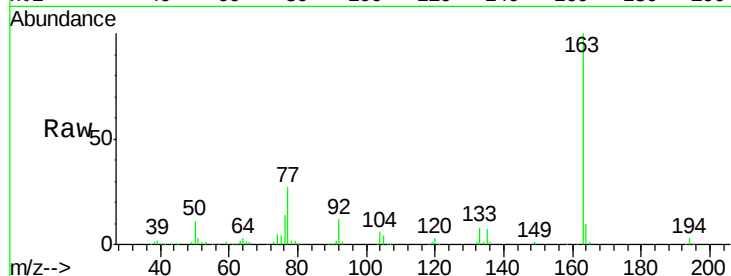




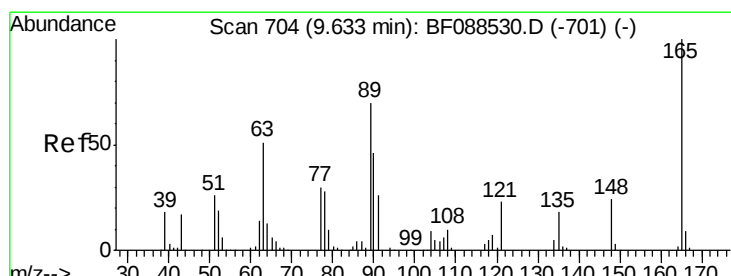
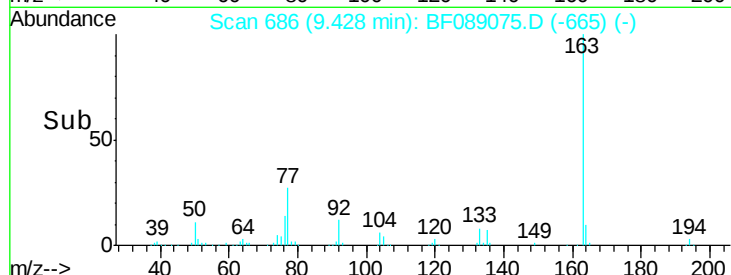
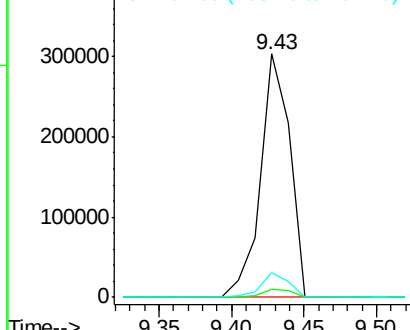
#49
Dimethylphthalate
Concen: 54.46 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 422881
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 8.3 12.5

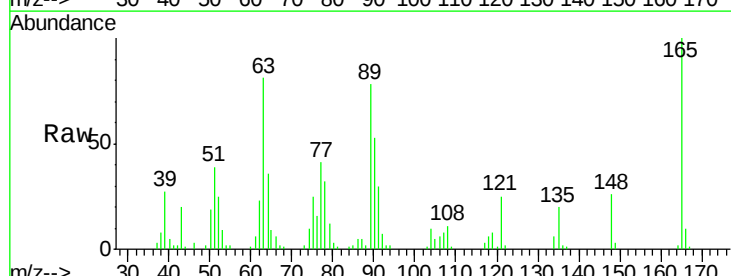


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

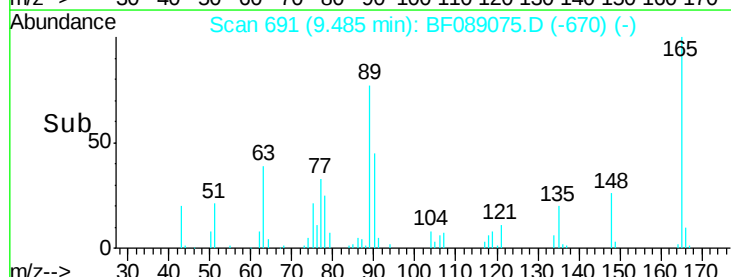
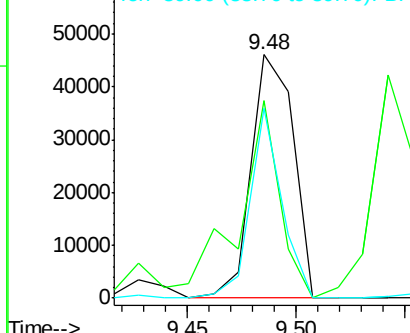


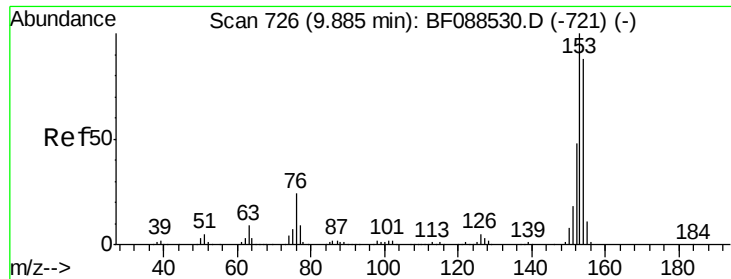
#50
2,6-Dinitrotoluene
Concen: 36.29 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

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



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





#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

Instrument :

BNA_F

ClientSampleId :

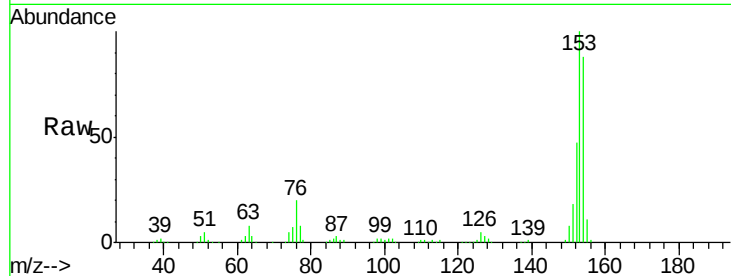
Tot Ion:154 Resp: 229057

Ion Ratio Lower Upper

154 100

153 113.9 89.5 134.3

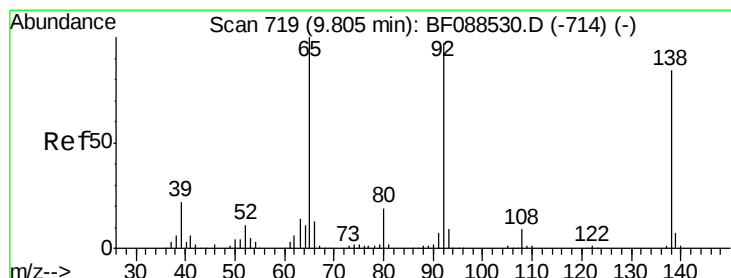
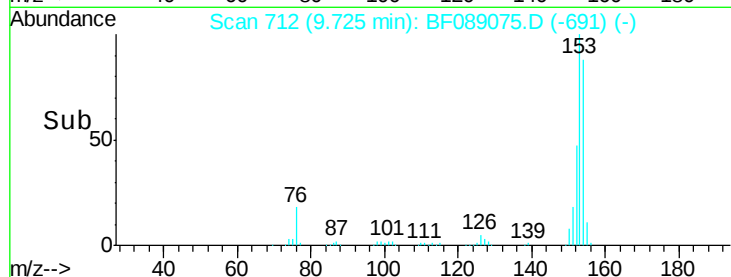
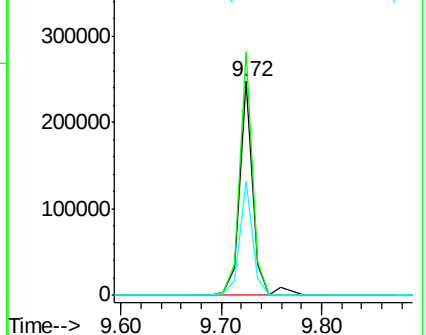
152 53.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

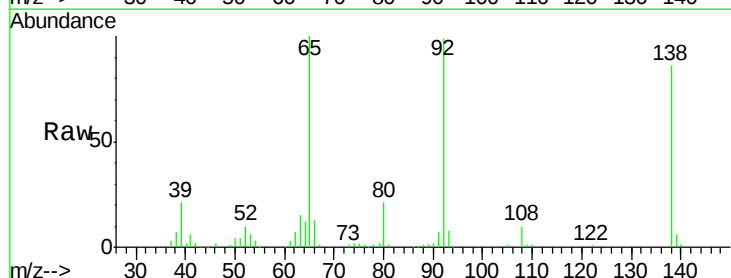
Tgt Ion:138 Resp: 72298

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

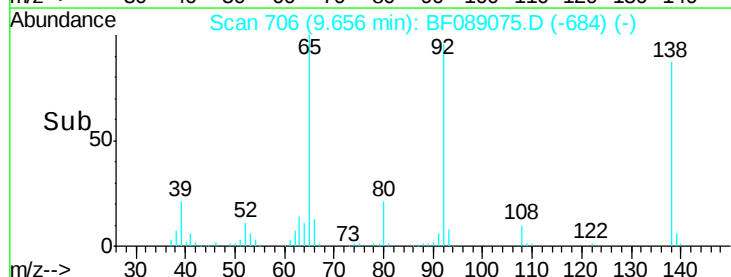
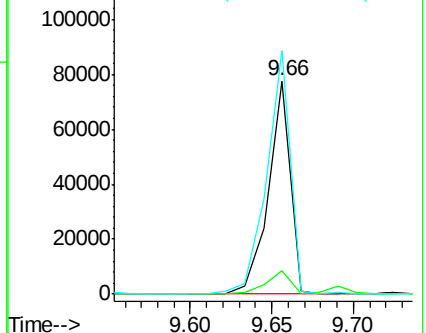
92 114.3 95.7 143.5

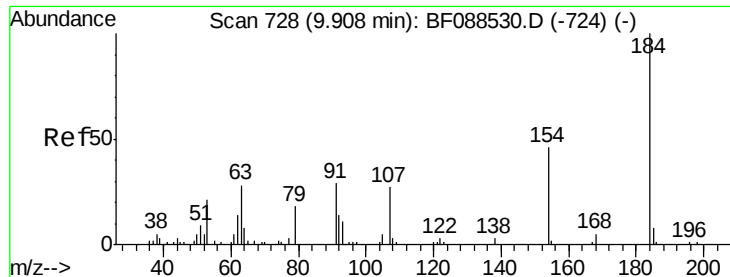


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

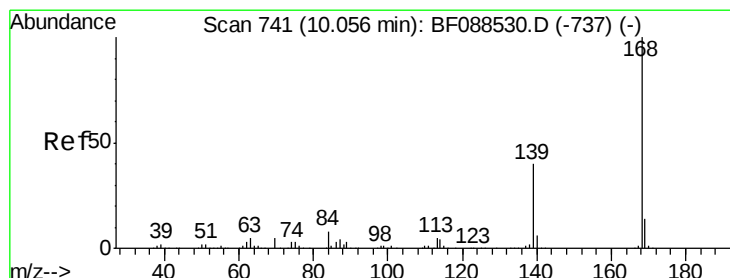
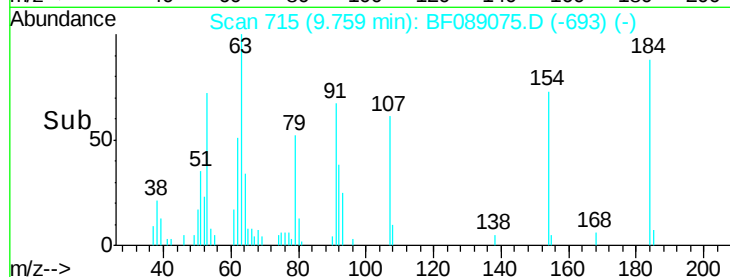
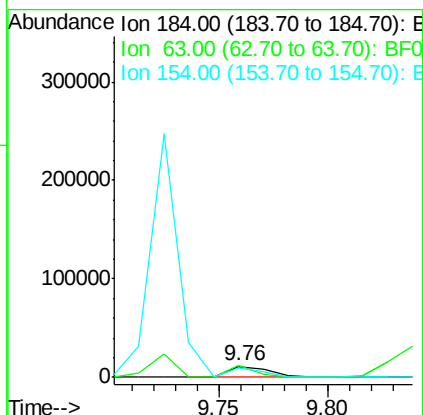
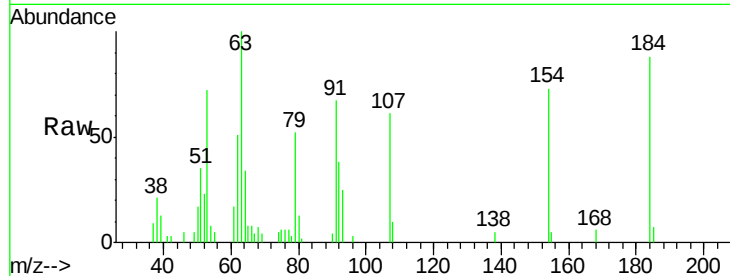




#53
2,4-Dinitrophenol
Concen: 19.10 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

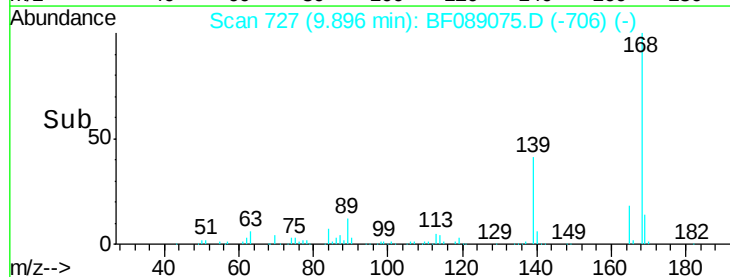
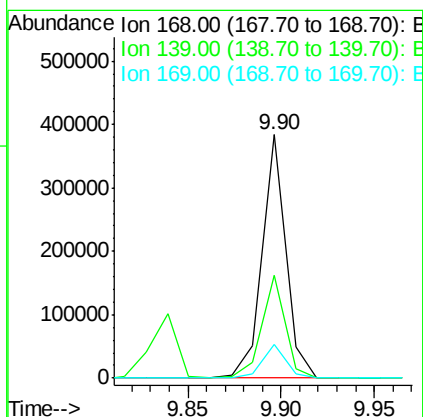
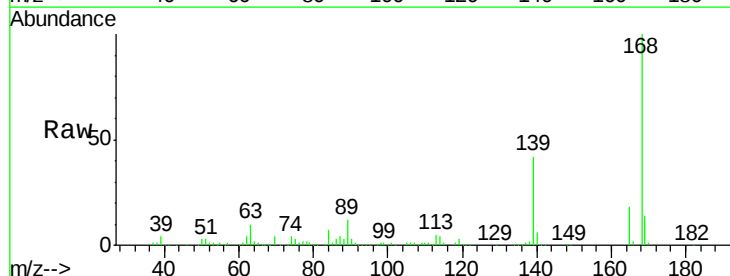
Instrument :
BNA_F
ClientSampleId :

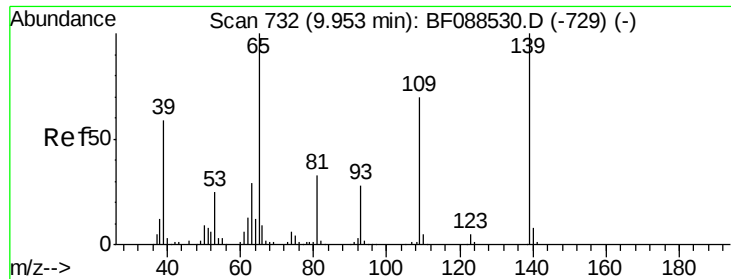
Tot Ion:184 Resp: 14509
Ion Ratio Lower Upper
184 100
63 114.0 57.6 86.4#
154 83.3 53.5 80.3#



#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

Tgt Ion:168 Resp: 335220
Ion Ratio Lower Upper
168 100
139 42.4 26.4 39.6#
169 13.6 10.4 15.6

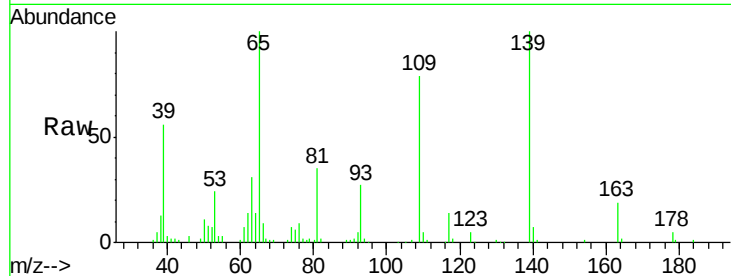




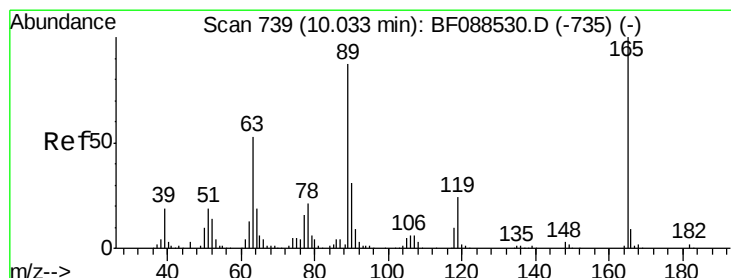
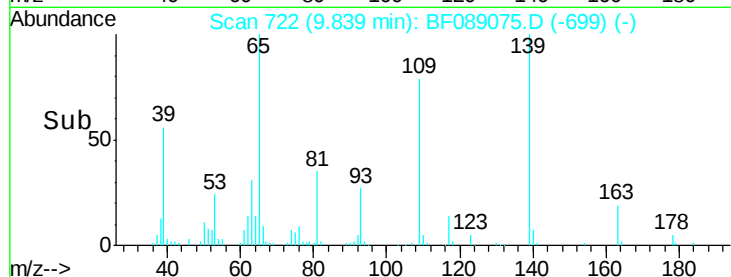
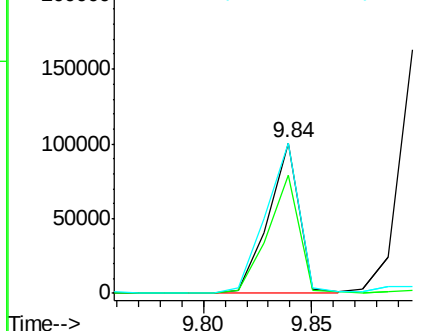
#55
4-Nitrophenol
Concen: 60.94 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 101308
Ion Ratio Lower Upper
139 100
109 78.7 48.9 88.9
65 99.5 84.9 124.9

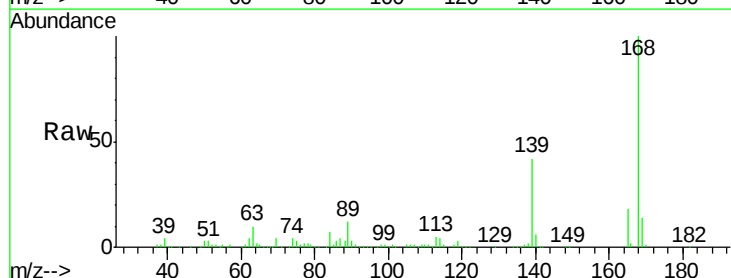


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

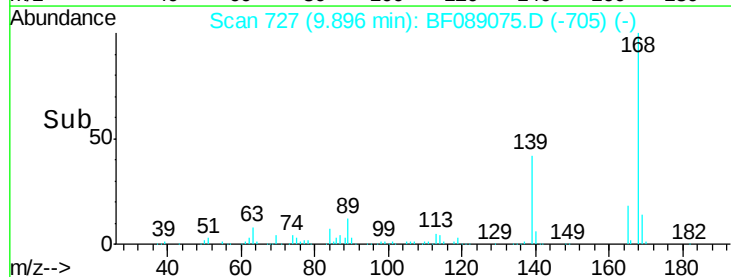
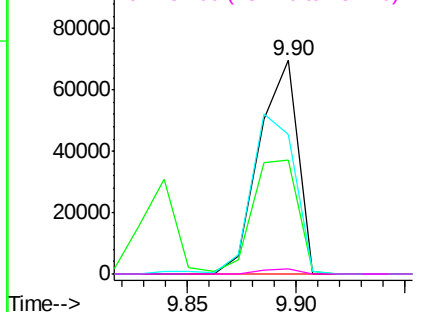


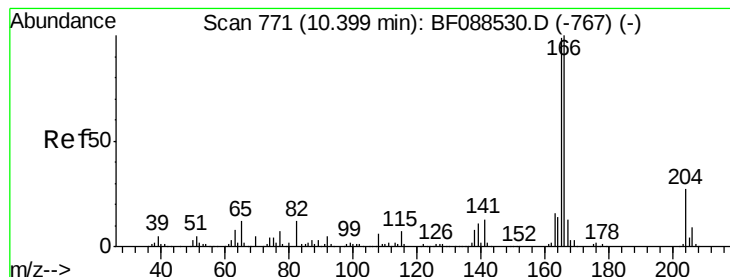
#56
2,4-Dinitrotoluene
Concen: 38.41 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt 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

Instrument :

BNA_F

ClientSampleId :

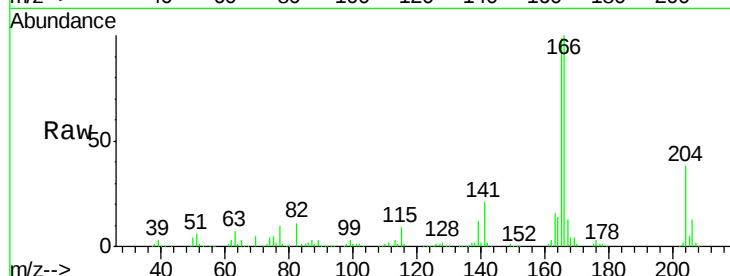
Tot Ion:166 Resp: 280754

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

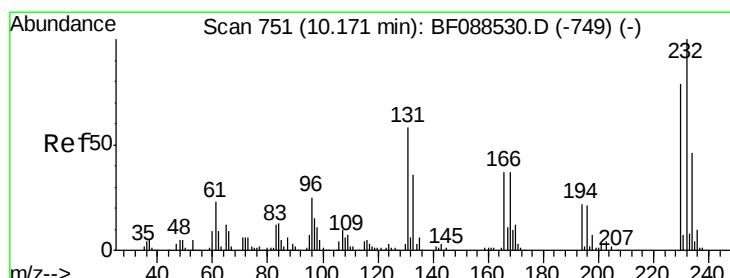
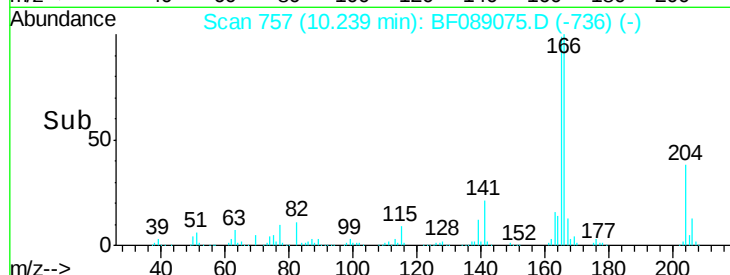
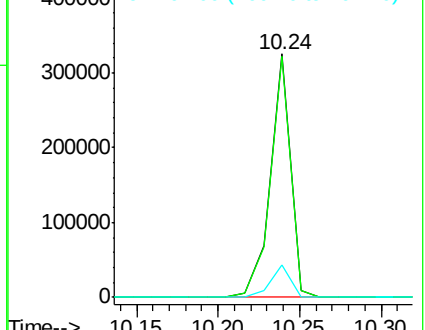
167 13.4 11.2 16.8



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

Tgt Ion:232 Resp: 60893

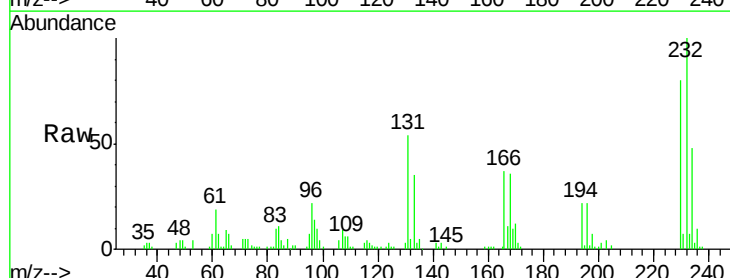
Ion Ratio Lower Upper

232 100

131 58.3 0.9 1.3#

130 3.0 1.5 2.3#

166 37.5 0.5 0.7#

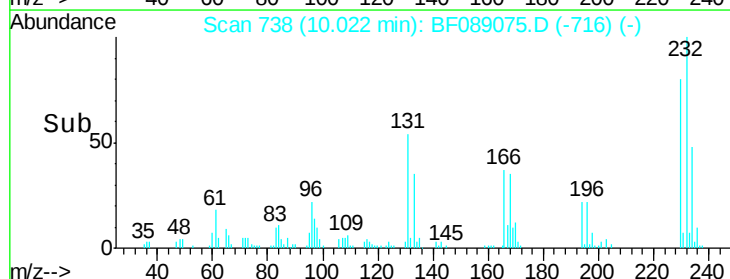
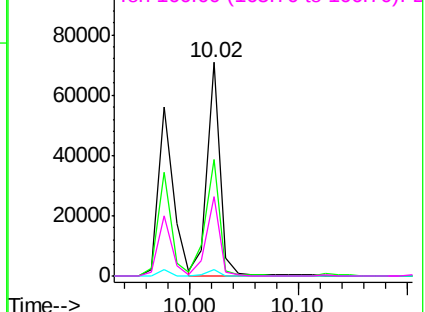


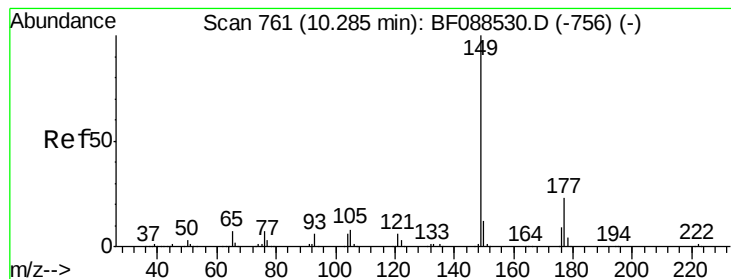
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 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

Instrument :

BNA_F

ClientSampleId :

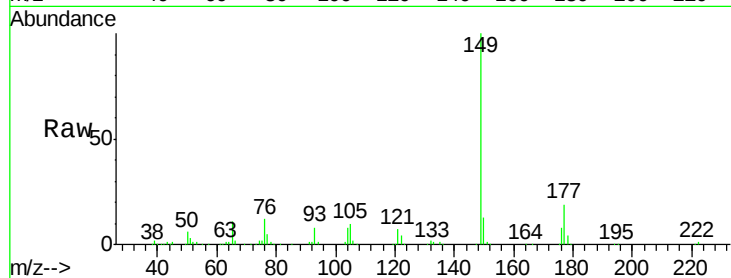
Tot Ion:149 Resp: 291765

Ion Ratio Lower Upper

149 100

177 19.3 16.9 25.3

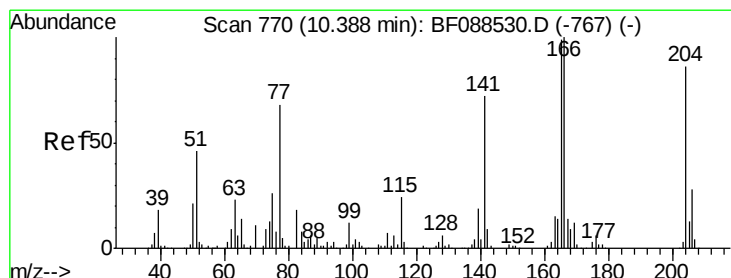
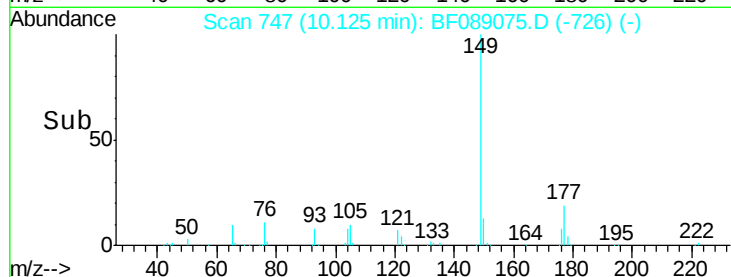
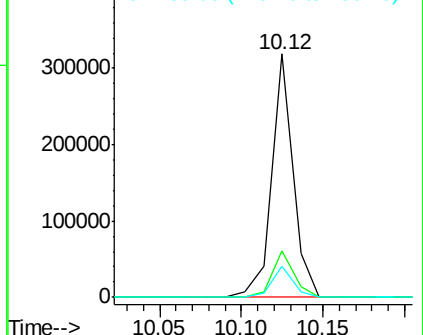
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#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

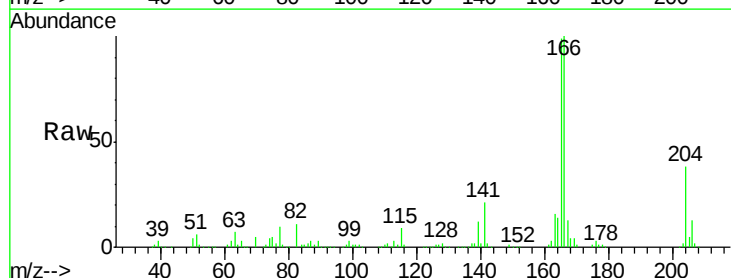
Tgt Ion:204 Resp: 125745

Ion Ratio Lower Upper

204 100

206 33.6 26.3 39.5

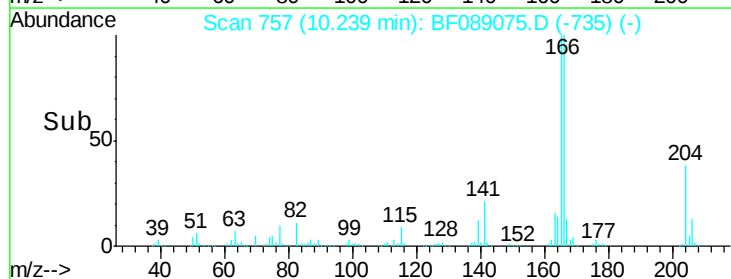
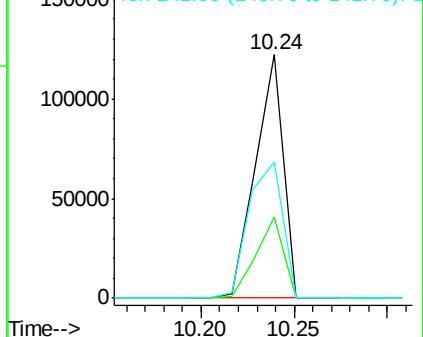
141 56.1 55.0 82.6

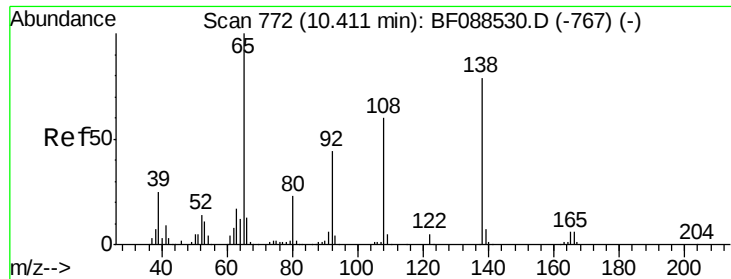


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

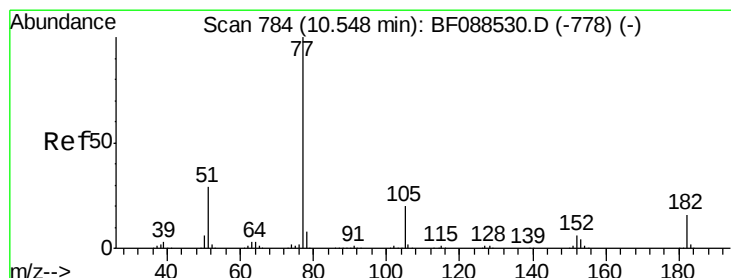
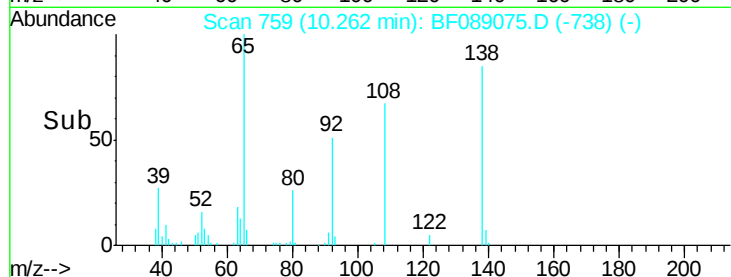
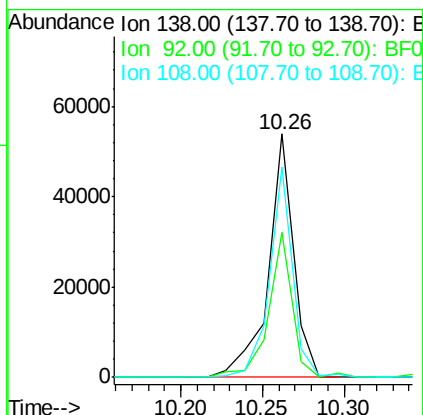
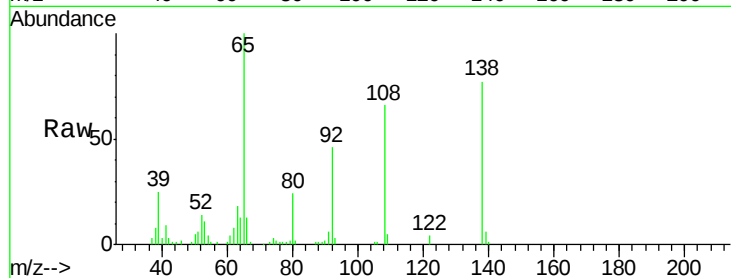




#61
4-Nitroaniline
Concen: 27.71 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

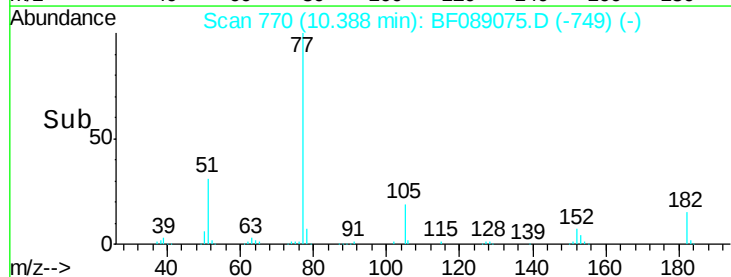
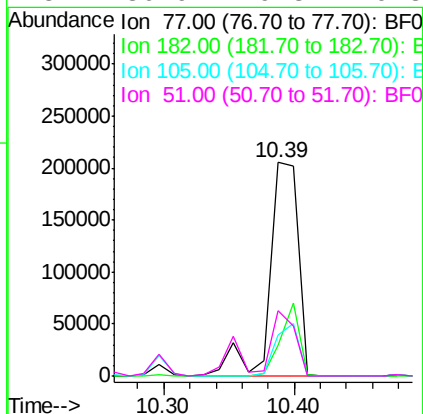
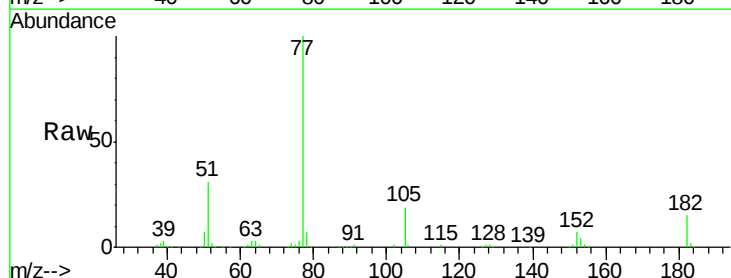
Instrument :
BNA_F
ClientSampleId :

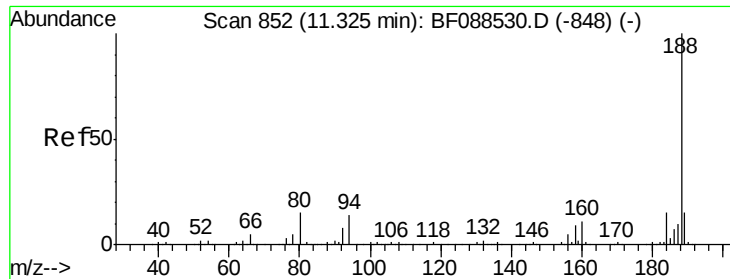
Tot Ion:138 Resp: 58323
Ion Ratio Lower Upper
138 100
92 59.7 27.3 67.3
108 86.3 46.7 86.7



#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

Tgt 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

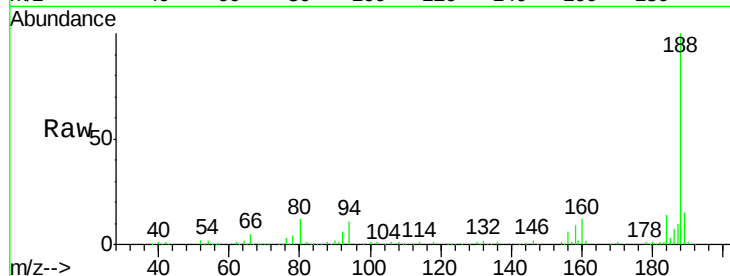




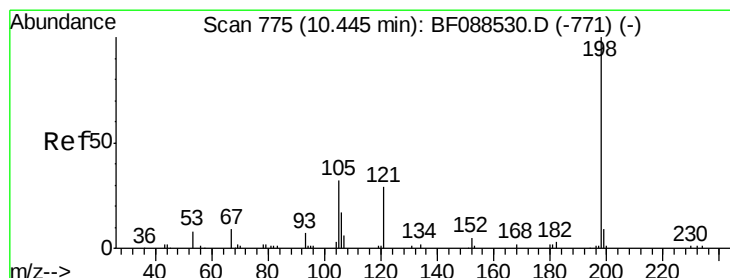
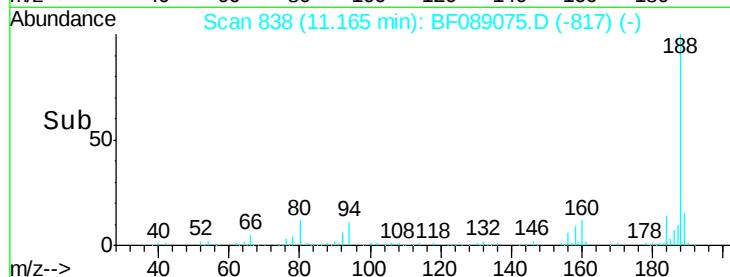
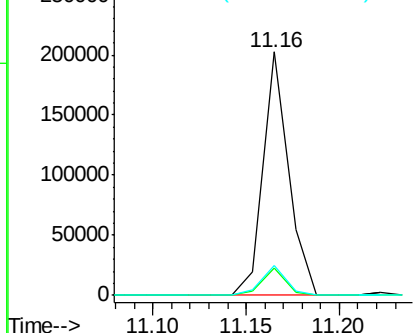
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 190797
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.0 13.6
 80 12.3 10.0 15.0

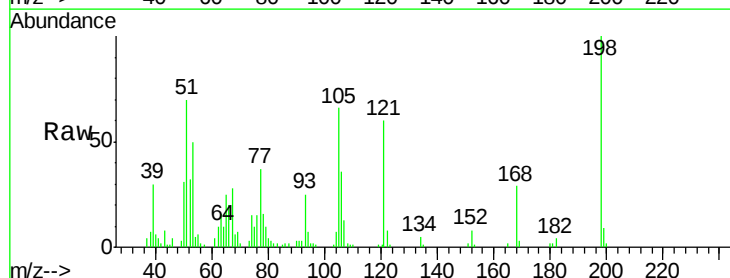


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

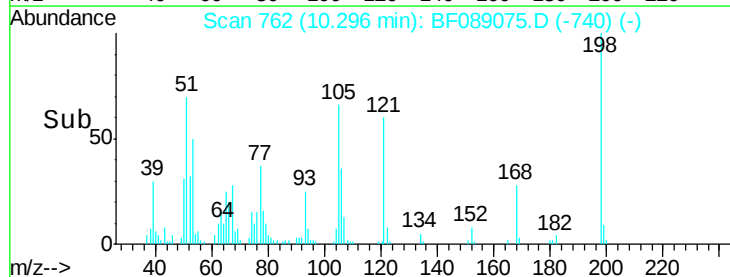
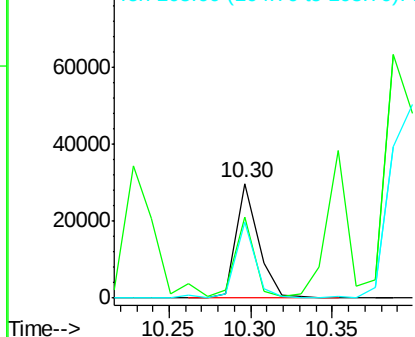


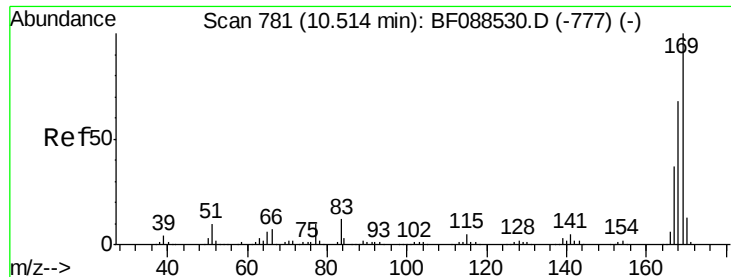
#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.70 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt 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

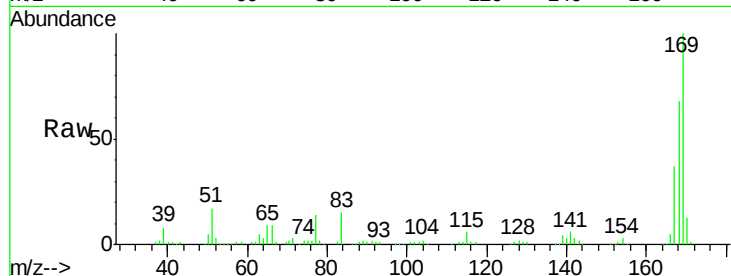




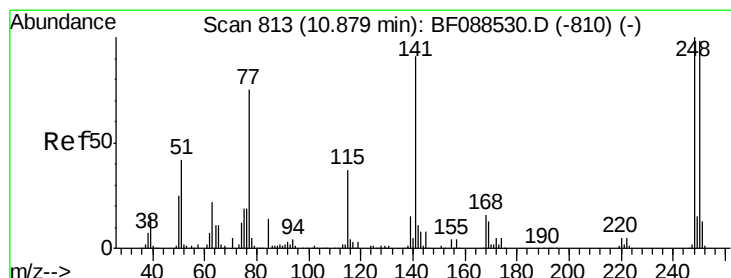
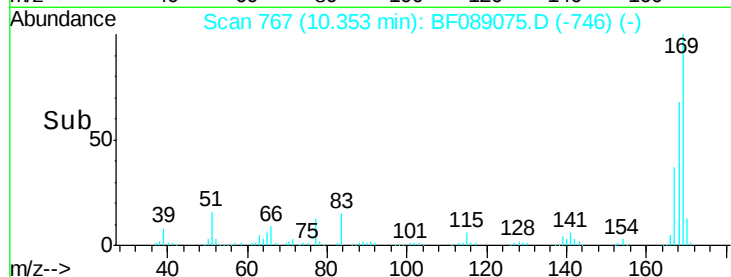
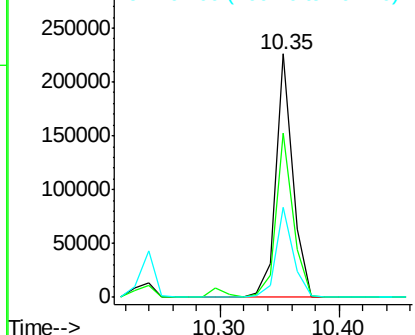
#65
n-Nitrosodiphenylamine
Concen: 34.58 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 223320
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 37.1 29.4 44.0

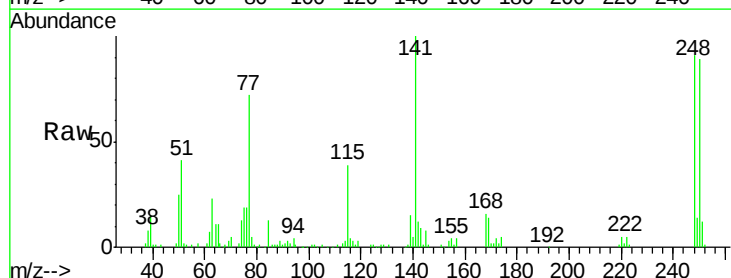


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

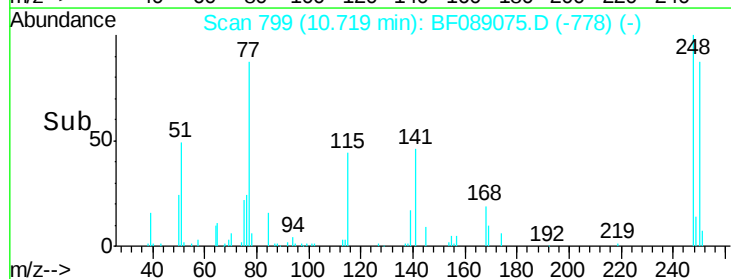
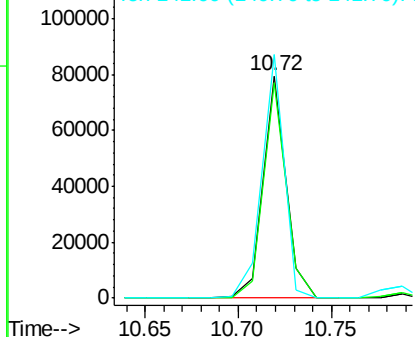


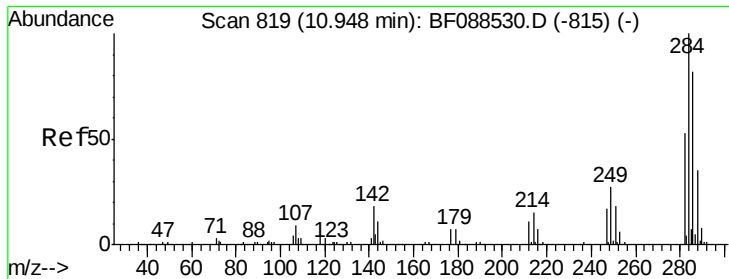
#66
4-Bromophenyl-phenylether
Concen: 34.78 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt 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

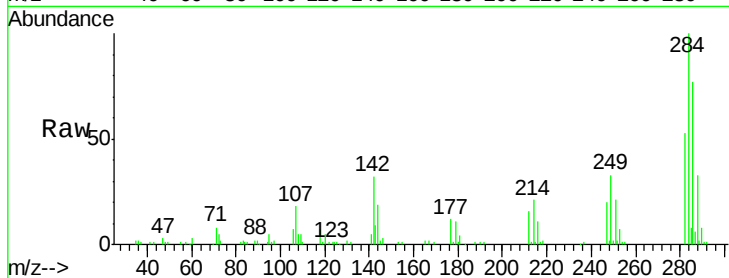




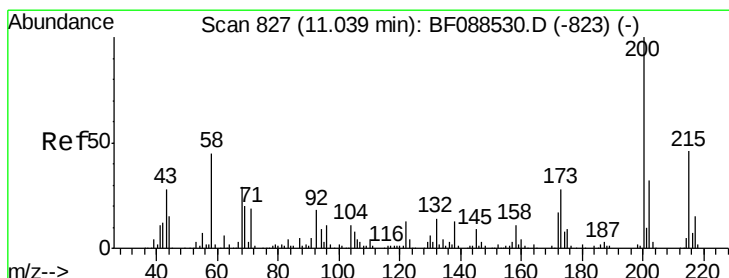
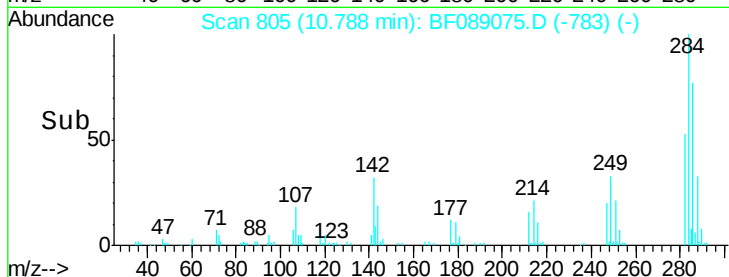
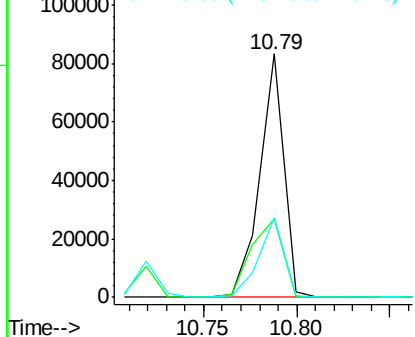
#67
Hexachlorobenzene
Concen: 34.49 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Instrument :
BNA_F
ClientSampleId :

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

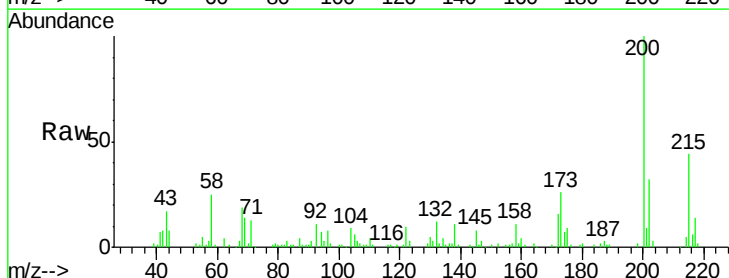


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

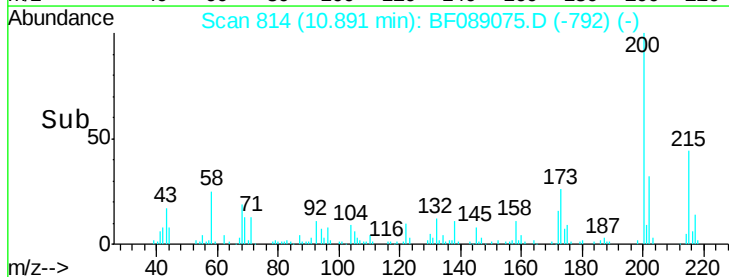
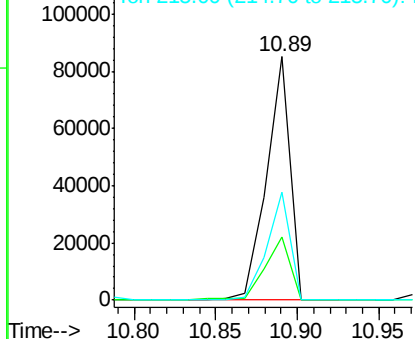


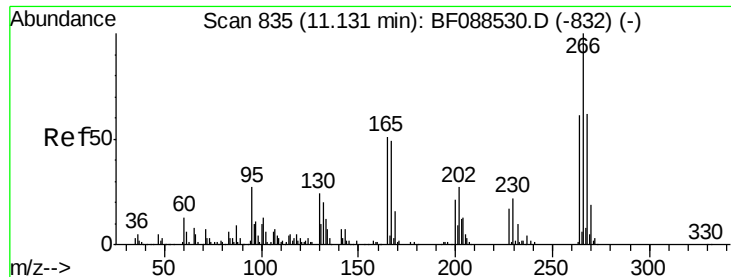
#68
Atrazine
Concen: 42.24 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

Tgt 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

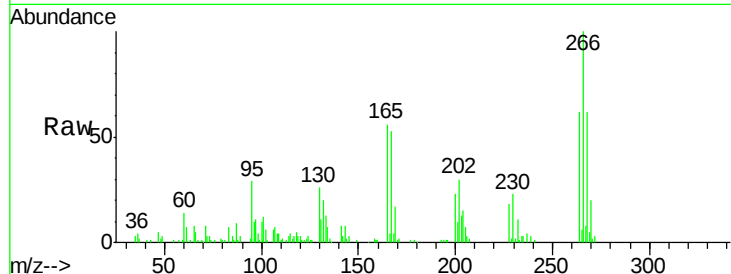




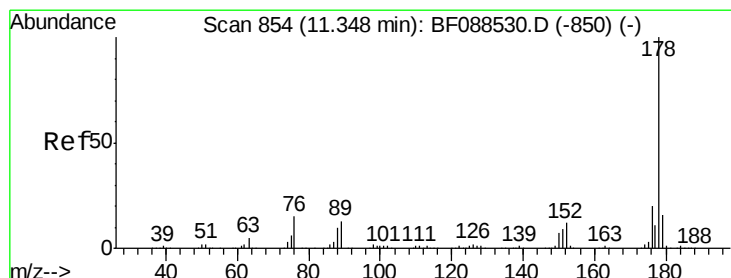
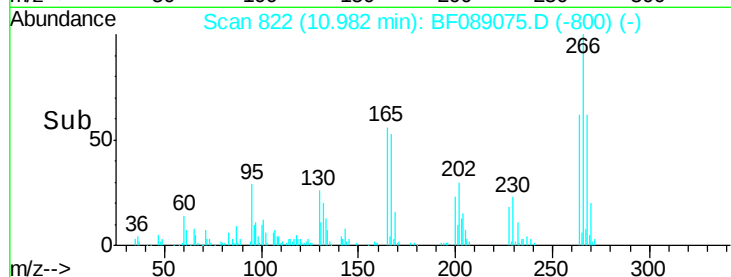
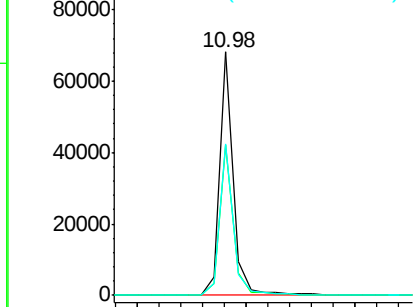
#69
 Pentachlorophenol
 Concen: 47.45 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampled :

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

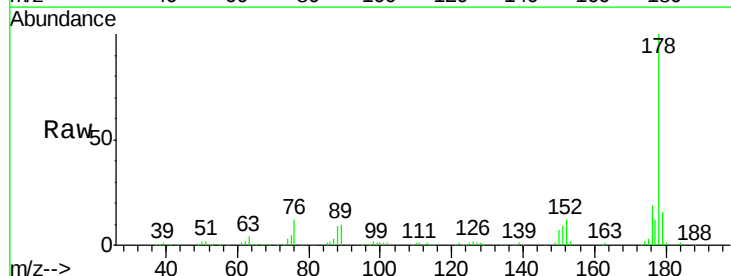


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

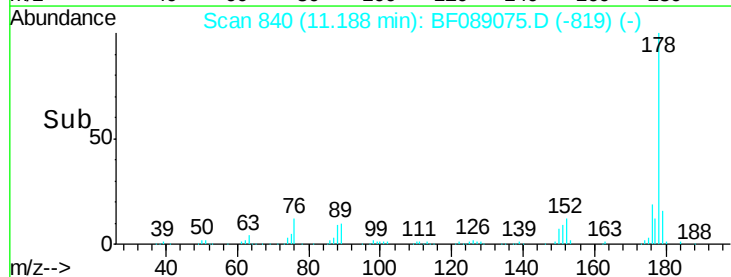
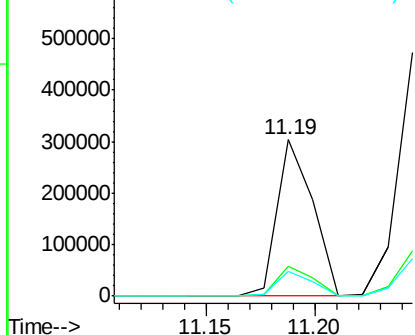


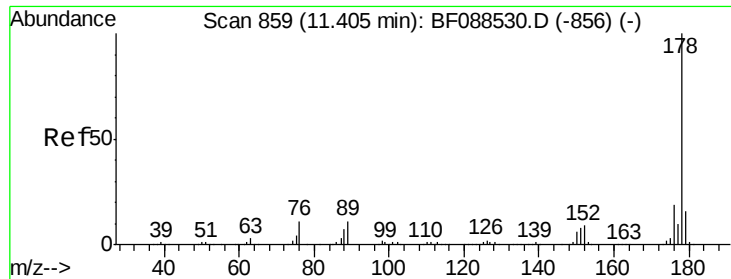
#70
 Phenanthrene
 Concen: 33.58 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt 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

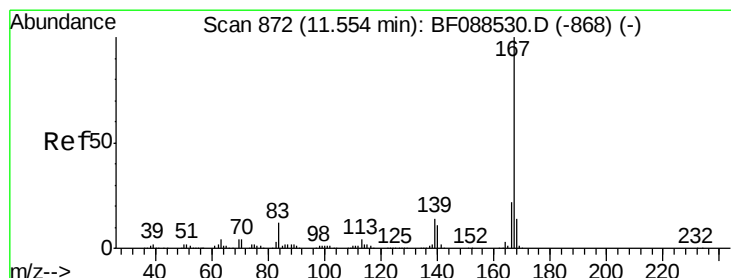
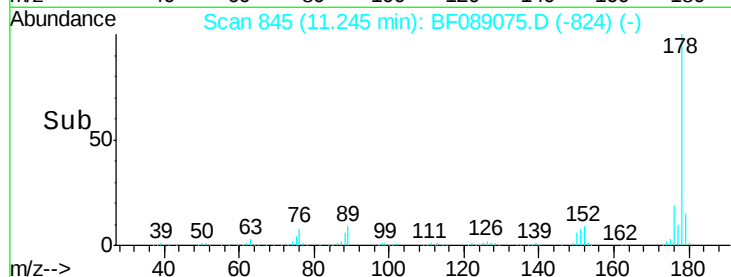
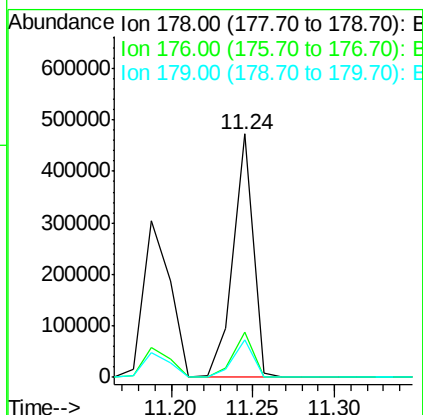
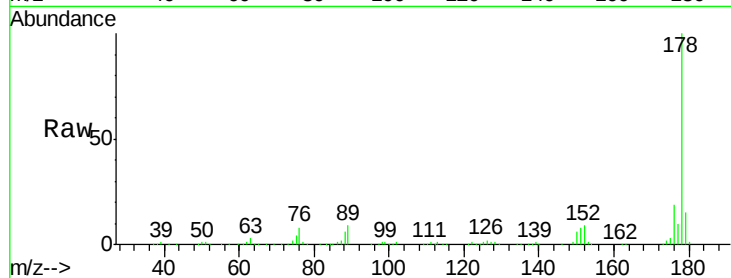




#71
 Anthracene
 Concen: 38.54 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

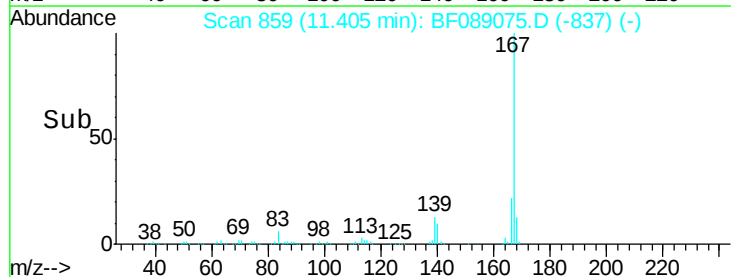
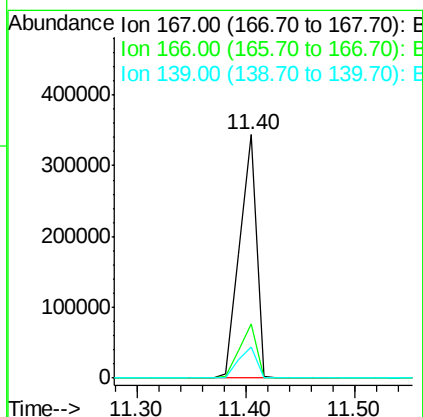
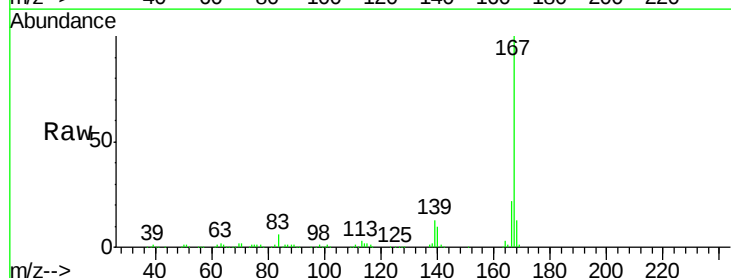
Instrument :
 BNA_F
 ClientSampleId :

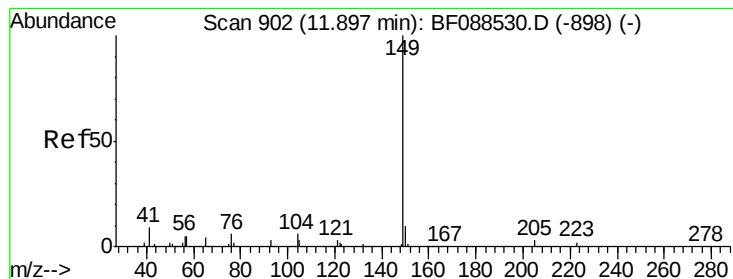
Tot Ion:178 Resp: 399718
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.3 12.8 19.2



#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

Tgt 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

Instrument :

BNA_F

ClientSampled :

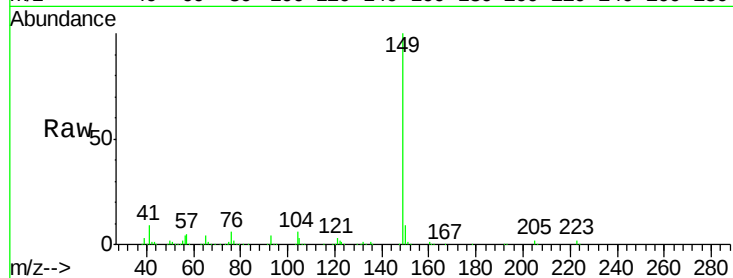
Tot Ion:149 Resp: 411925

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

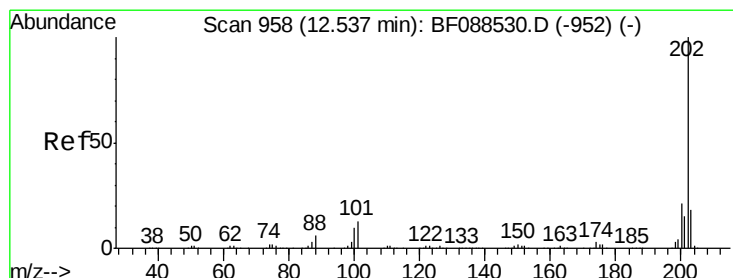
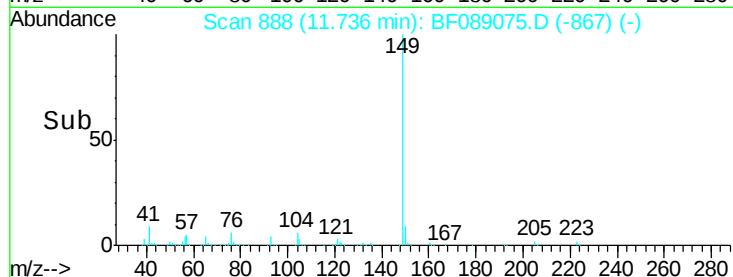
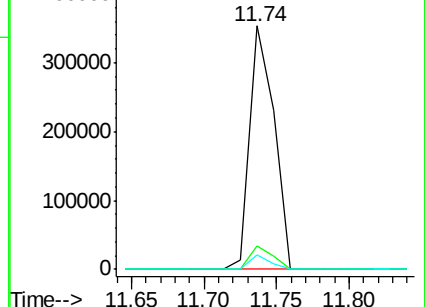
104 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

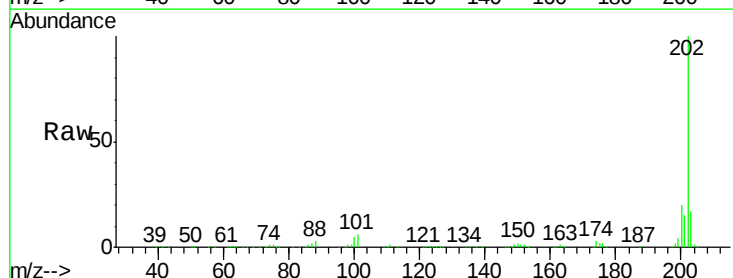
Tgt Ion:202 Resp: 347296

Ion Ratio Lower Upper

202 100

101 6.3 0.0 33.1

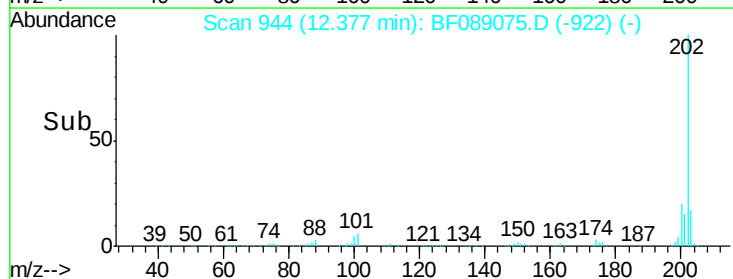
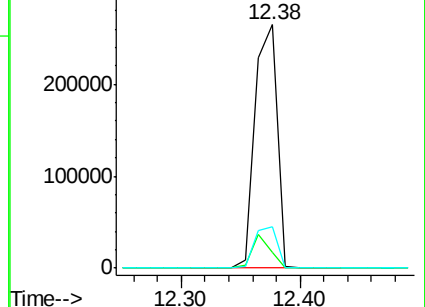
203 16.8 0.0 38.1

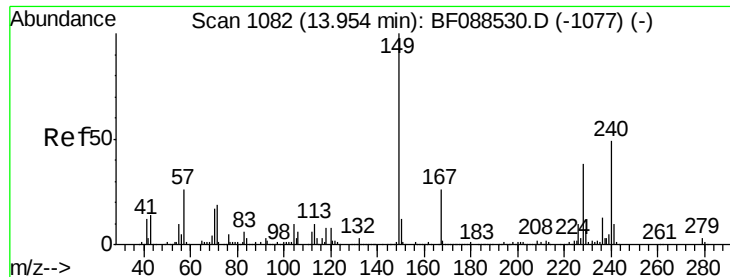


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampled :

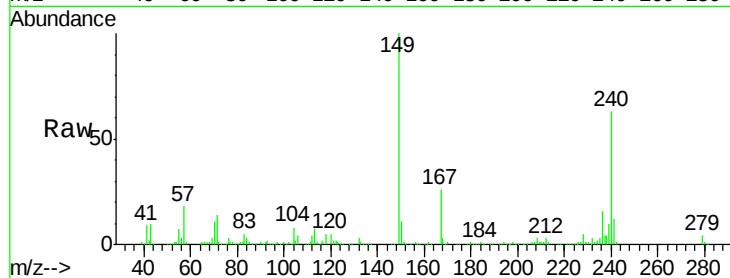
Tot Ion:240 Resp: 110249

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

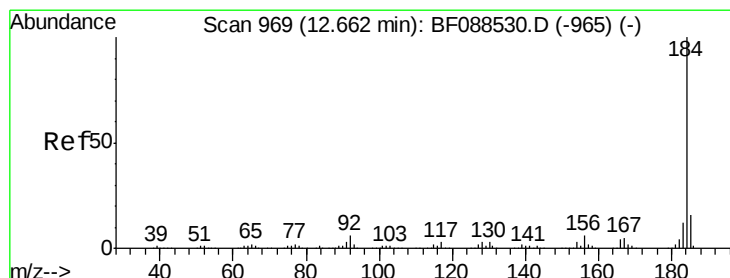
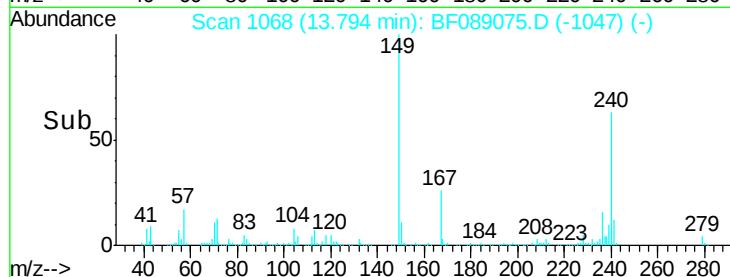
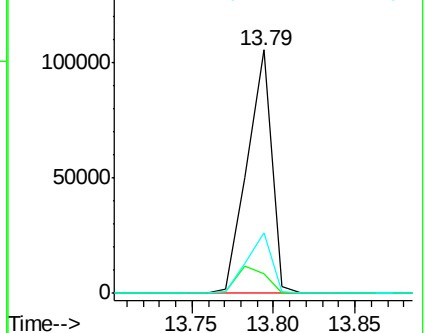
236 24.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

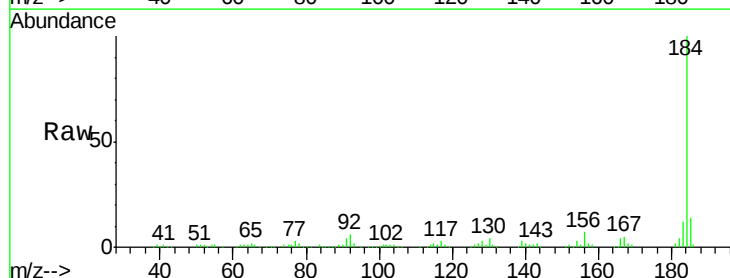
Tgt Ion:184 Resp: 173938

Ion Ratio Lower Upper

184 100

185 13.7 12.5 18.7

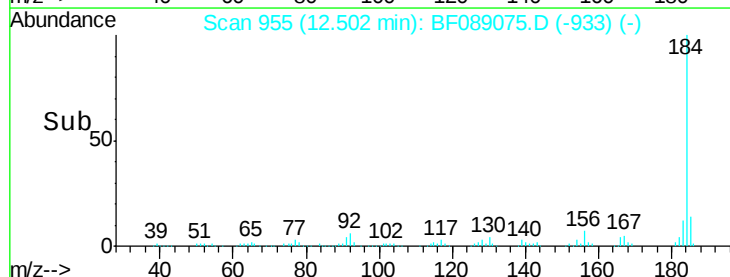
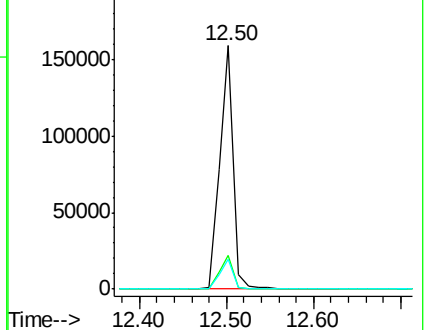
183 12.0 9.3 13.9

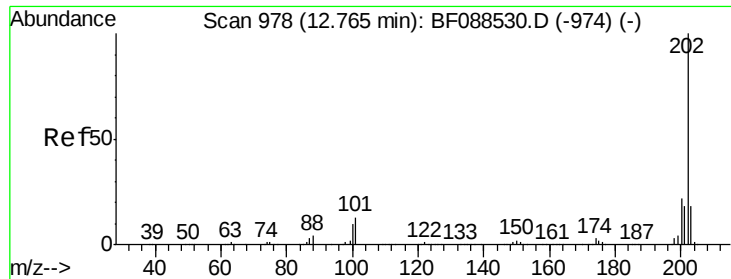


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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

Instrument :

BNA_F

ClientSampleId :

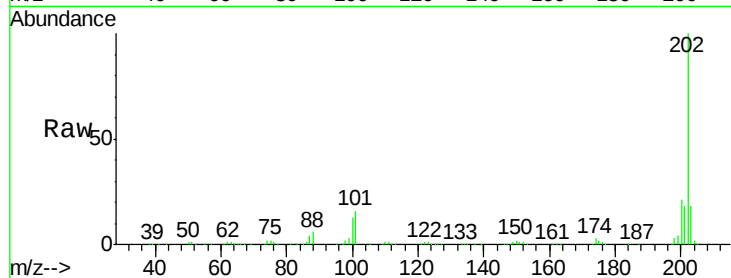
Tot Ion:202 Resp: 312871

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

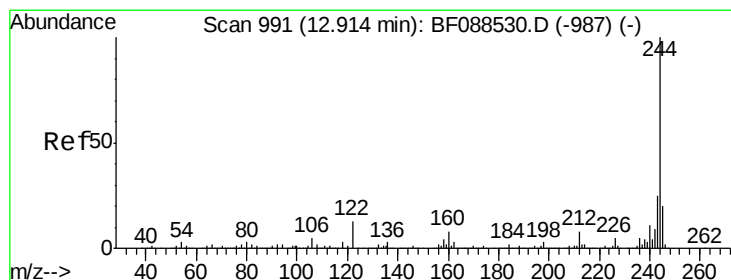
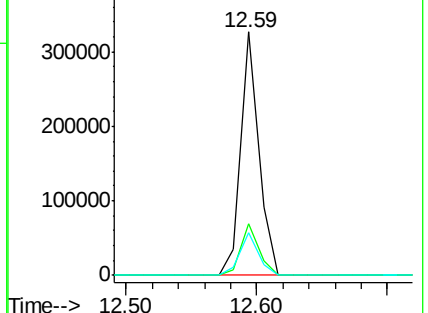
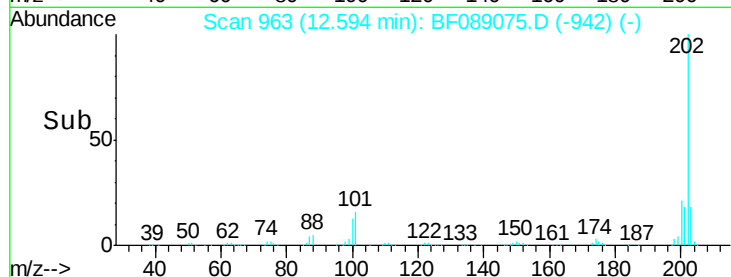
203 17.6 14.5 21.7



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

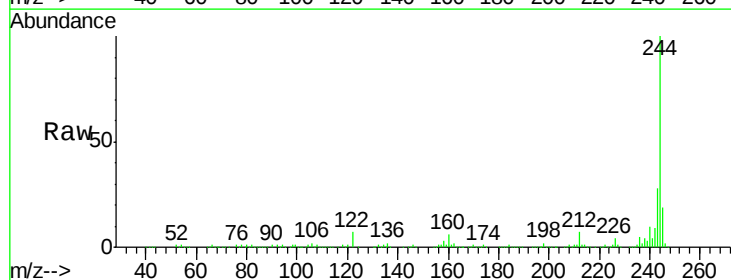
Tgt Ion:244 Resp: 454737

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

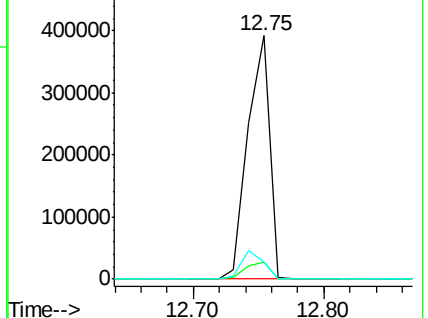
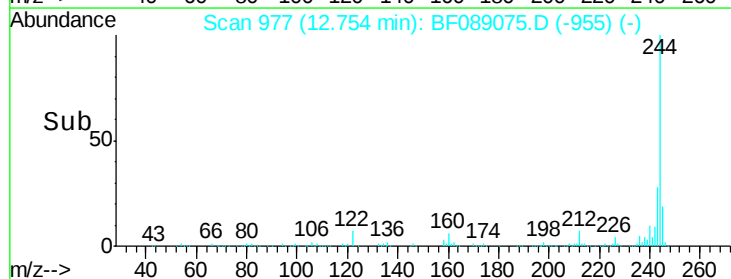
122 6.8 11.2 16.8#

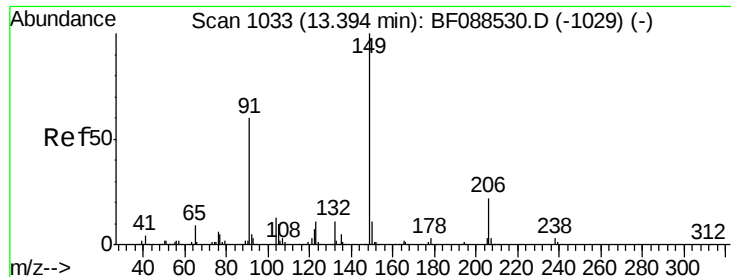


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_F

ClientSampleId :

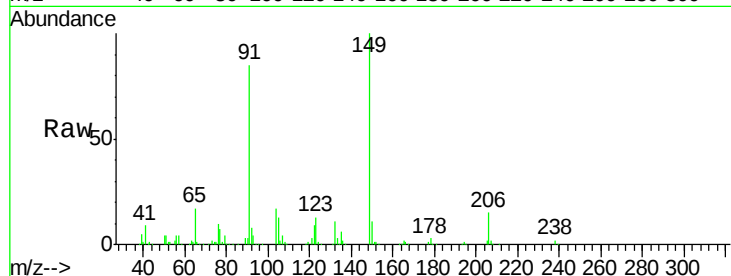
Tot Ion:149 Resp: 141614

Ion Ratio Lower Upper

149 100

91 85.5 48.0 72.0#

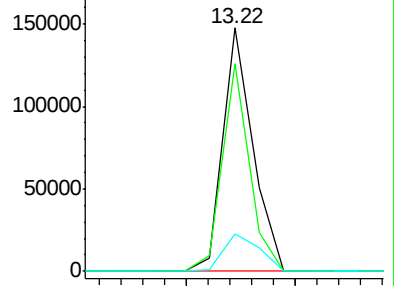
206 15.5 16.0 24.0#



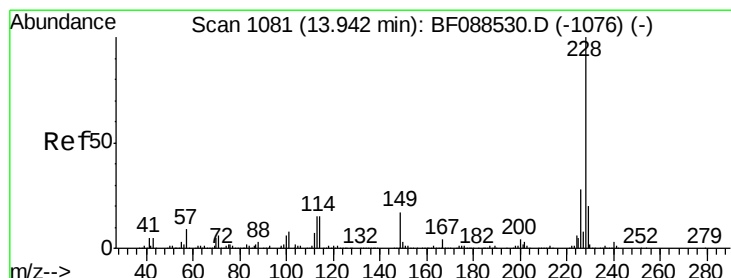
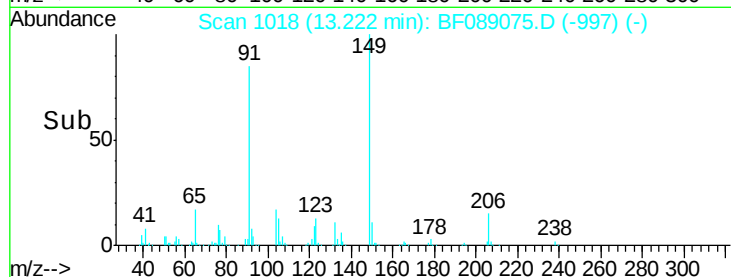
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#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

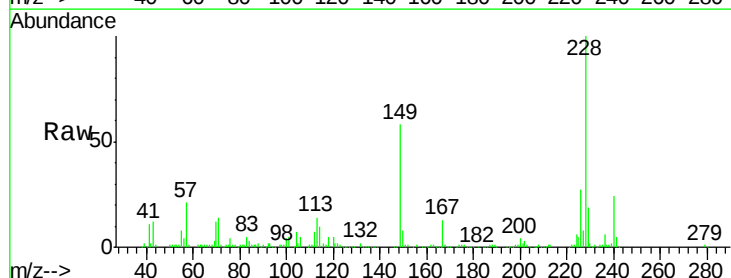
Tgt Ion:228 Resp: 243370

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

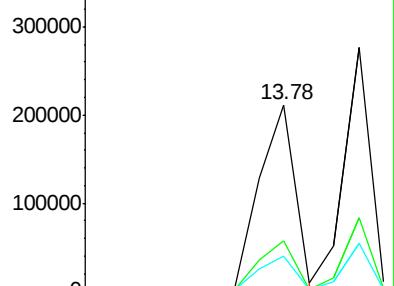
229 18.9 16.0 24.0



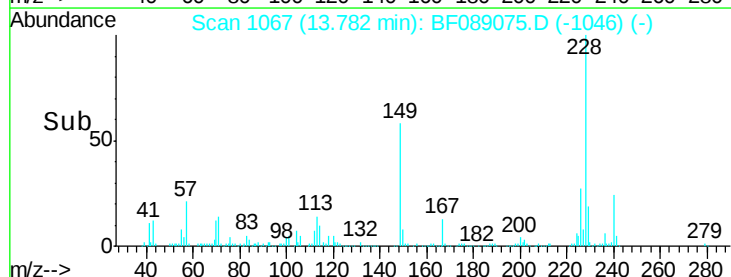
Abundance Ion 228.00 (227.70 to 228.70): E

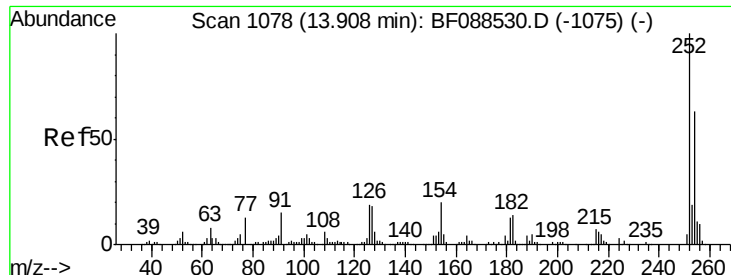
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

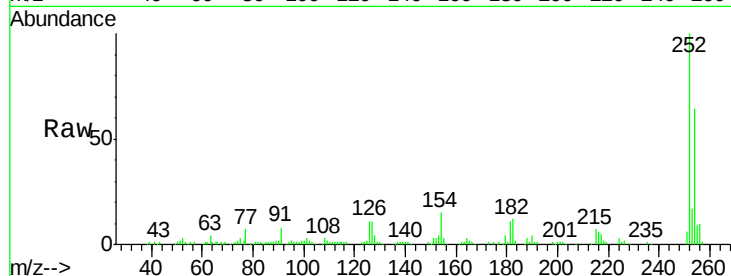




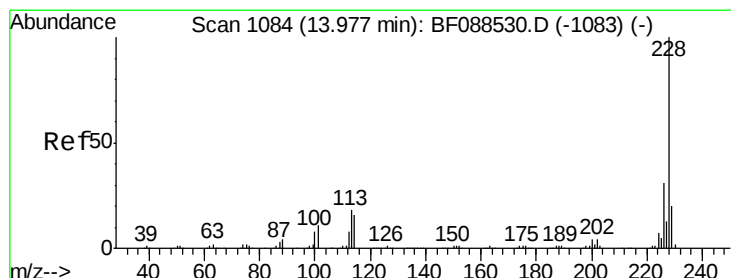
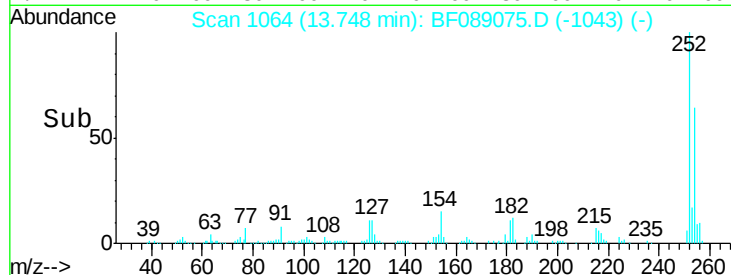
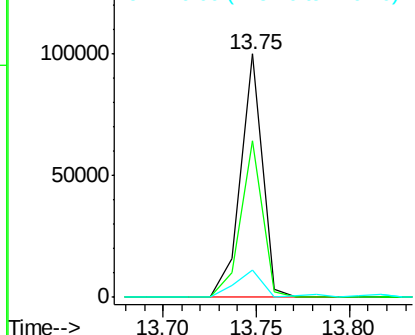
#81
 3,3'-Dichlorobenzidine
 Concen: 30.79 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 82176
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 11.3 6.2 9.2#

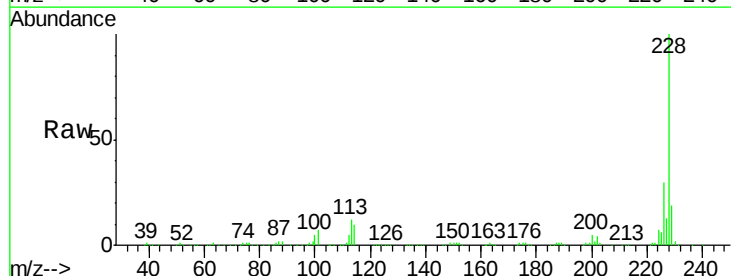


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

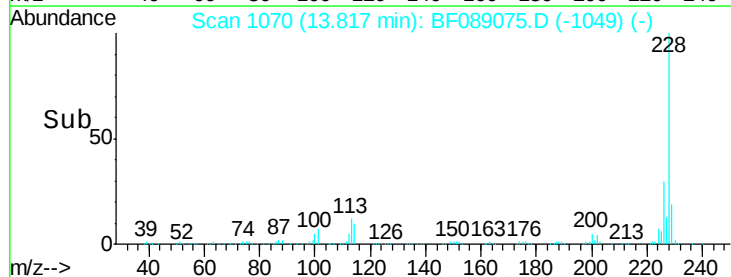
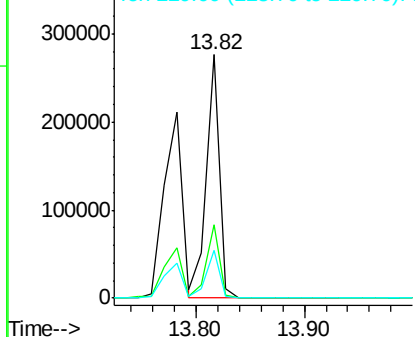


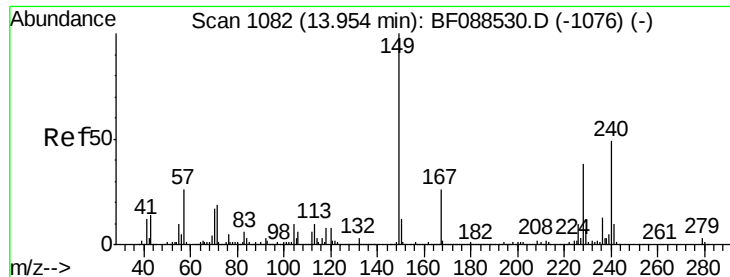
#82
 Chrysene
 Concen: 33.59 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

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



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

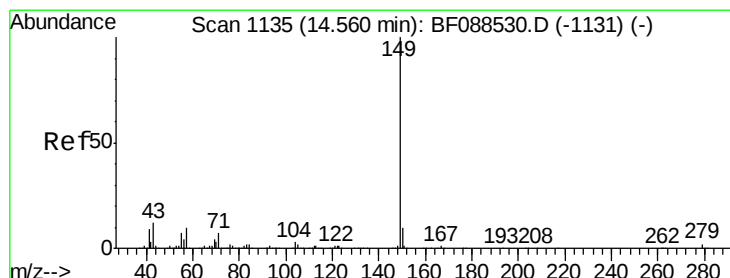
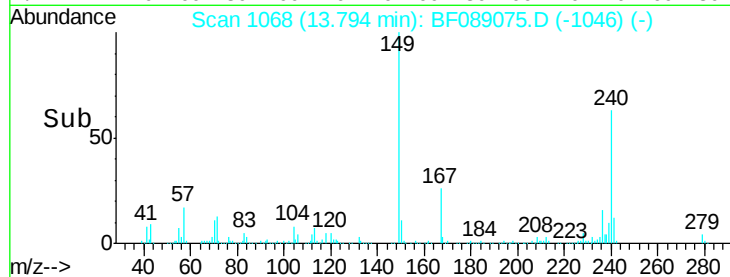
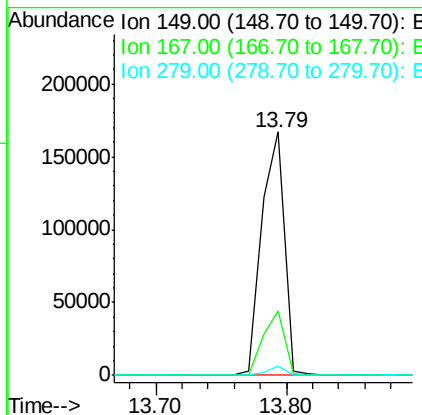
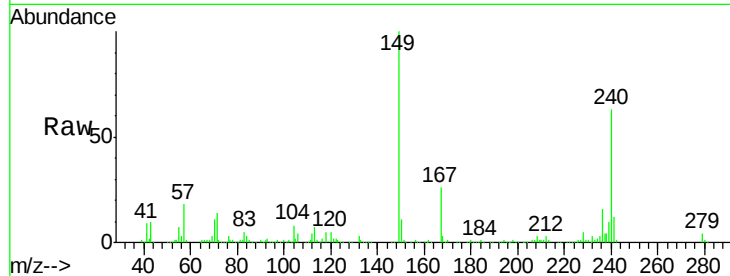




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.75 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.05 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

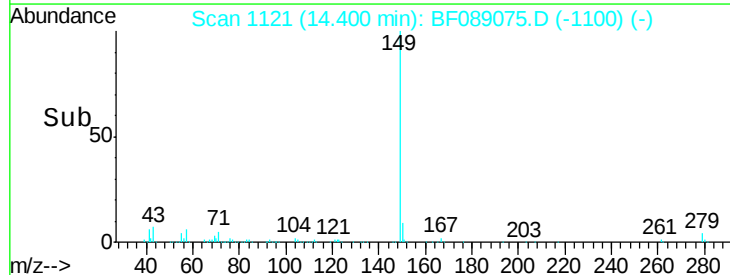
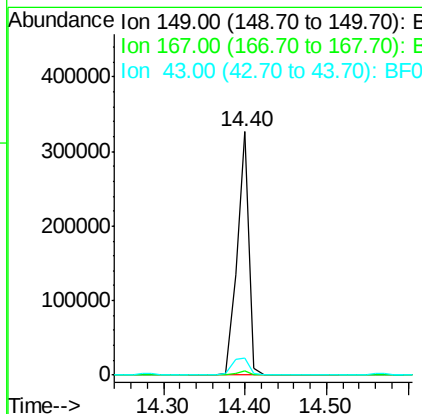
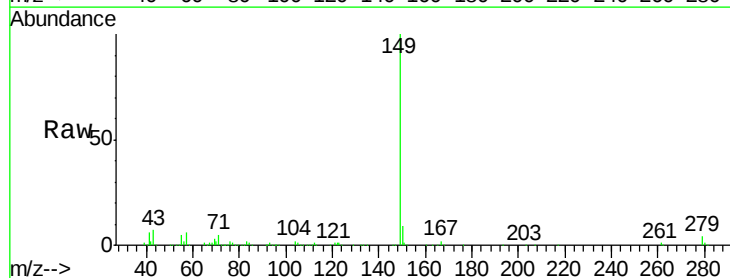
Instrument :
 BNA_F
 ClientSampleId :

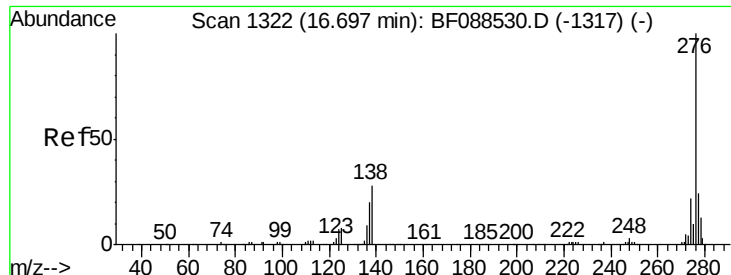
Tot Ion:149 Resp: 203512
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.5 30.7
 279 3.9 2.0 3.0#



#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

Tgt Ion:149 Resp: 327042
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.9 0.0 0.0#

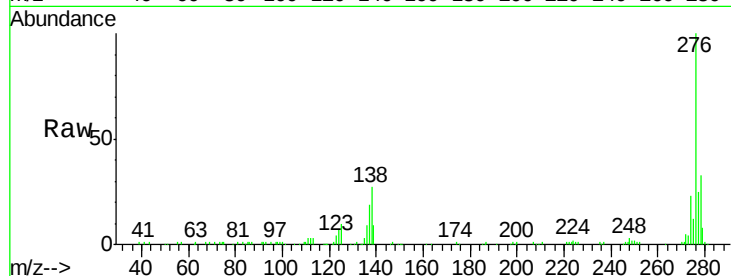




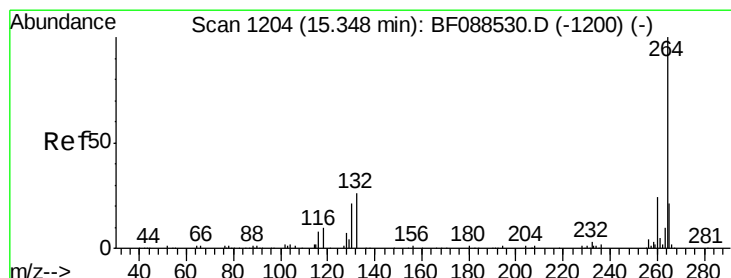
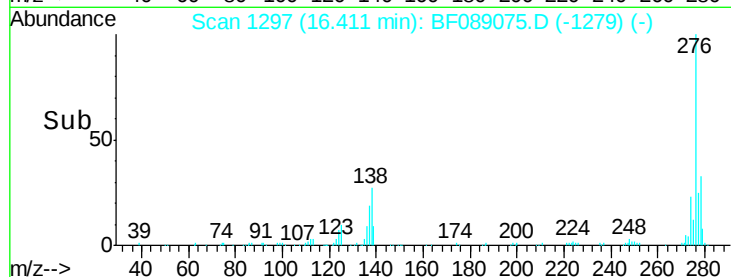
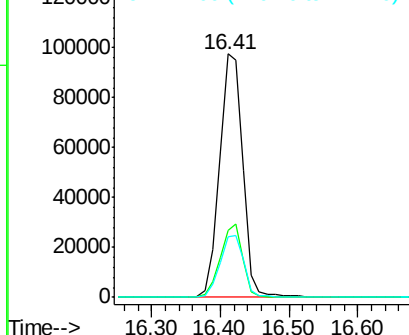
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.34 ng
 RT: 16.41 min Scan# 1297
 Delta R.T. -0.09 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	0.0	0.0#
277	25.8	0.0	0.0#

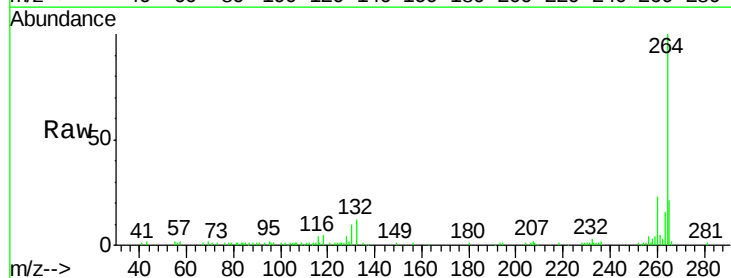


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

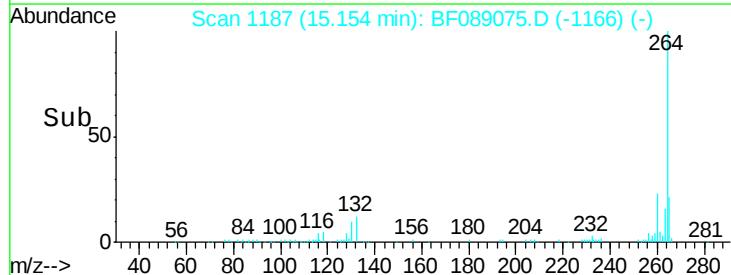
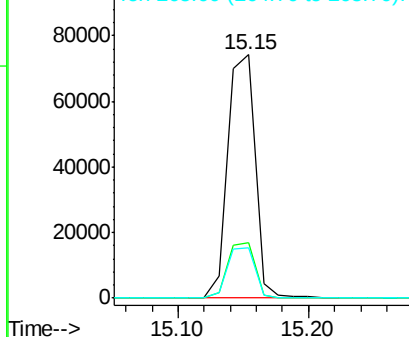


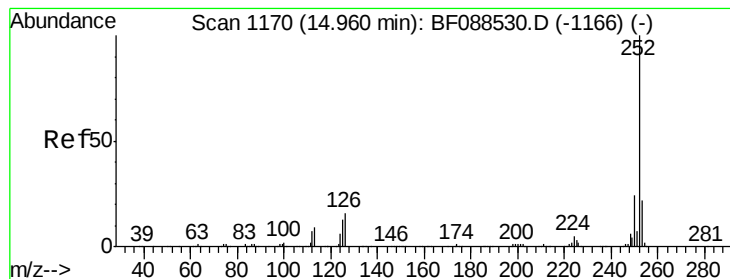
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.6	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 60.82 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

Instrument :

BNA_F

ClientSampleId :

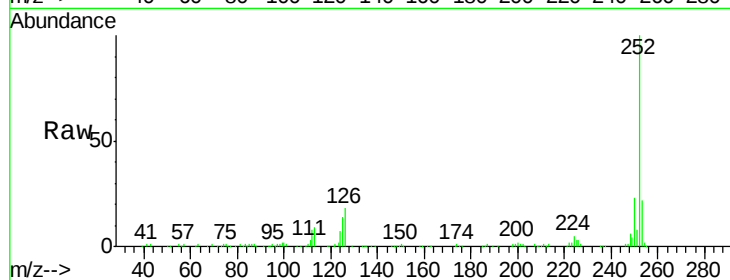
Tot Ion:252 Resp: 410299

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

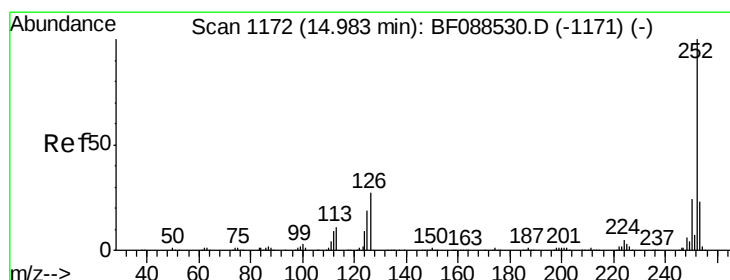
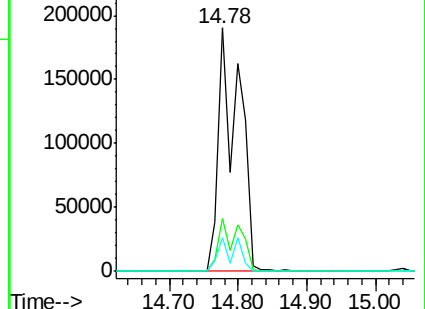
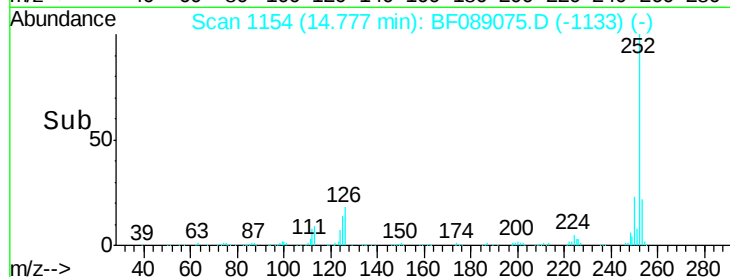
125 13.6 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 69.87 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.09 min

Lab File: BF089075.D

Acq: 17 Jul 2016 13:41

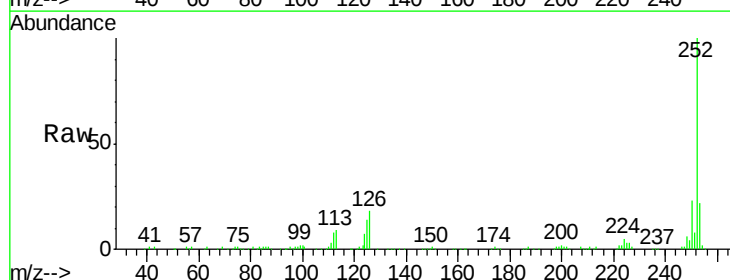
Tgt Ion:252 Resp: 410299

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

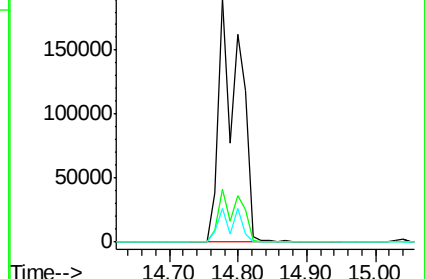
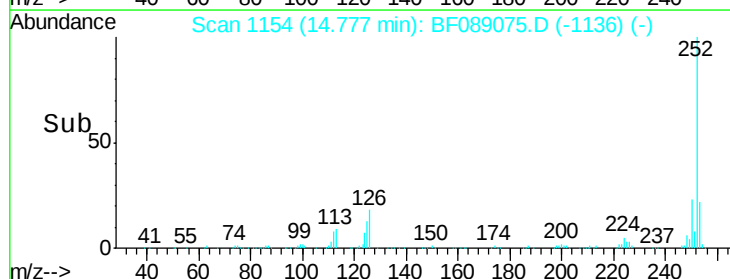
125 13.6 11.2 16.8

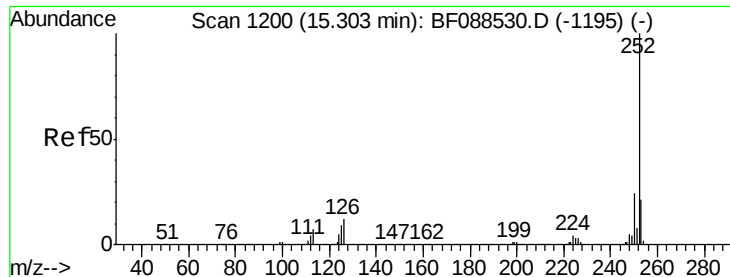


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

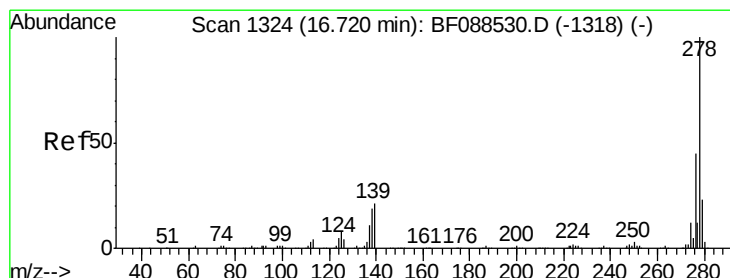
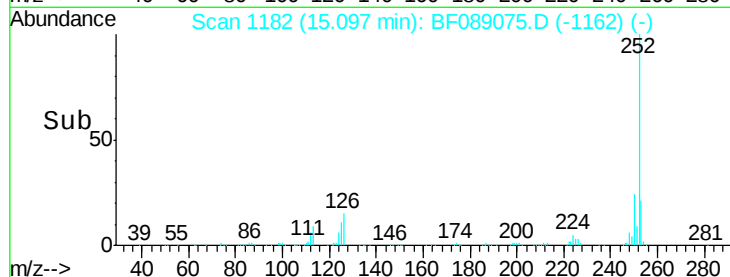
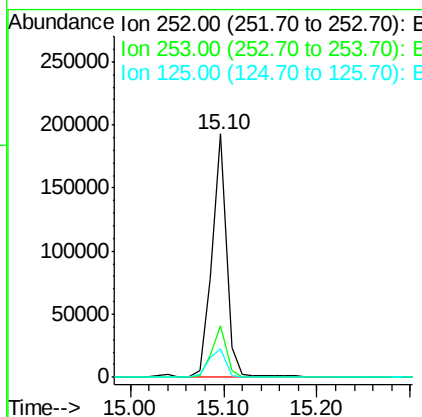
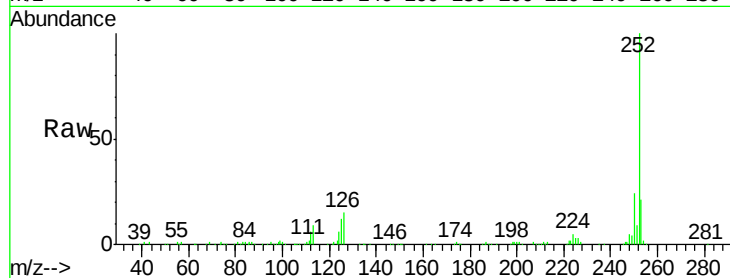




#89
Benzo(a)pyrene
Concen: 36.98 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BF089075.D
Acq: 17 Jul 2016 13:41

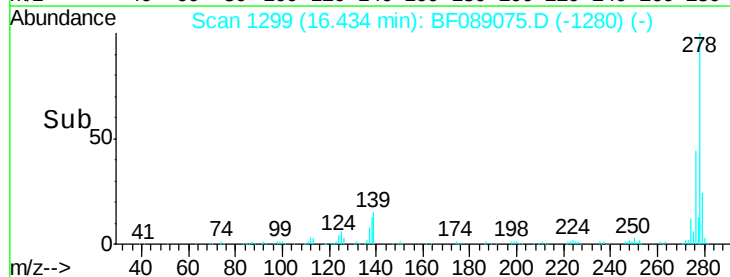
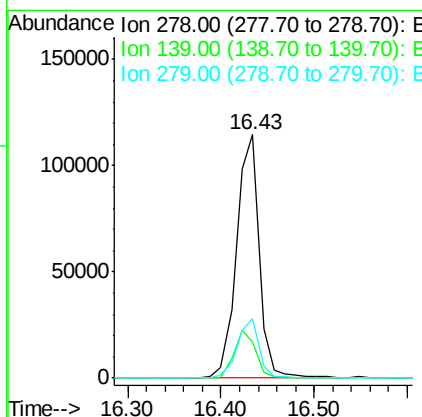
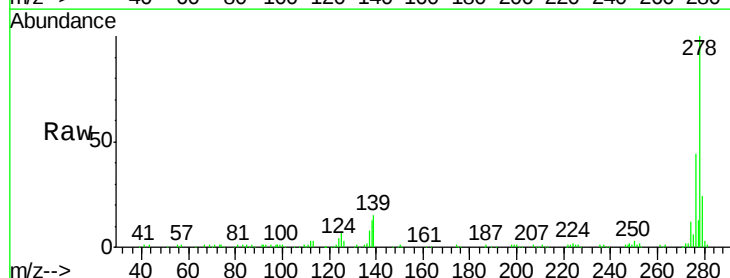
Instrument :
BNA_F
ClientSampleId :

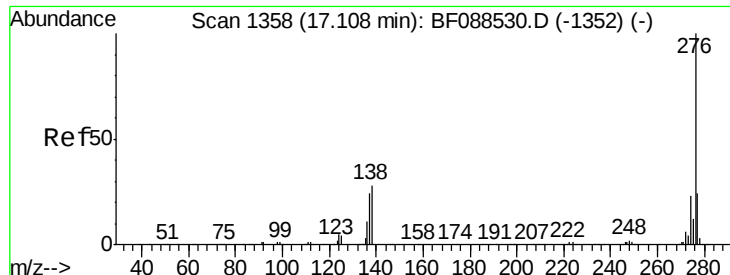
Tot Ion:252 Resp: 211208
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.7 12.5 18.7#



#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

Tgt Ion:278 Resp: 194574
Ion Ratio Lower Upper
278 100
139 14.7 15.7 23.5#
279 24.3 19.4 29.2

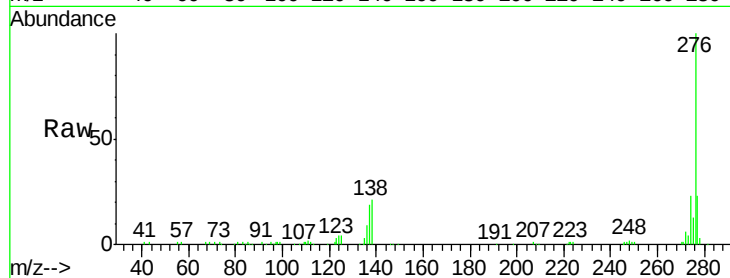




#91
 Benzo(a,h,i)perylene
 Concen: 39.47 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. -0.09 min
 Lab File: BF089075.D
 Acq: 17 Jul 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

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



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

