

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089071.D
 Acq On : 17 Jul 2016 8:48
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 18 17:48:41 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	51311	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	204024	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	95346	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	184969	20.00	ng	-0.06
75) Chrysene-d12	13.79	240	135482	20.00	ng	-0.06
86) Perylene-d12	15.15	264	104099	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	264167	77.16	ng	-0.05
7) Phenol-d6	6.32	99	338920	76.61	ng	-0.03
23) Nitrobenzene-d5	7.23	82	327232	84.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	64932	73.34	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	601762	99.69	ng	-0.05
78) Terphenyl-d14	12.75	244	483733	79.53	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.12	88	57060	33.62	ng	# 28
3) Pyridine	2.76	79	166419	33.79	ng	97
4) n-Nitrosodimethylamine	2.73	42	65010	34.55	ng	99
6) Aniline	6.32	93	220078	34.14	ng	# 69
8) 2-Chlorophenol	6.44	128	142915	38.84	ng	99
9) Benzaldehyde	6.20	77	103778	34.63	ng	97
10) Phenol	6.33	94	206115	40.82	ng	82
11) bis(2-Chloroethyl)ether	6.40	93	129758	34.46	ng	93
12) 1,3-Dichlorobenzene	6.59	146	157188m	38.82	ng	
13) 1,4-Dichlorobenzene	6.67	146	153011	38.07	ng	93
14) 1,2-Dichlorobenzene	6.83	146	163673	43.51	ng	# 93
15) Benzyl Alcohol	6.81	79	119684	36.76	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.95	45	165490	30.35	ng	76
17) 2-Methylphenol	6.94	107	112234	37.39	ng	# 91
18) Hexachloroethane	7.18	117	63488	40.84	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	103105	34.70	ng	94
20) 3+4-Methylphenols	7.10	107	156081	43.32	ng	# 75
22) Acetophenone	7.07	105	210829	42.58	ng	# 91
24) Nitrobenzene	7.24	77	145758	37.13	ng	# 79
25) Isophorone	7.50	82	285096	39.53	ng	98
26) 2-Nitrophenol	7.56	139	73665	45.76	ng	96
27) 2,4-Dimethylphenol	7.62	122	139276	41.54	ng	91
28) bis(2-Chloroethoxy)methane	7.71	93	185618	39.55	ng	97
29) 2,4-Dichlorophenol	7.82	162	123504	45.58	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	130609	43.93	ng	97
31) Naphthalene	7.96	128	412112	40.97	ng	99
32) Benzoic acid	7.77	122	98349	40.40	ng	94
33) 4-Chloroaniline	8.02	127	174649	39.03	ng	96
34) Hexachlorobutadiene	8.09	225	71951	45.19	ng	99
35) Caprolactam	8.40	113	33760	36.69	ng	93
36) 4-Chloro-3-methylphenol	8.52	107	142863	44.59	ng	96
37) 2-Methylnaphthalene	8.66	142	291969	45.08	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	150053	47.32	ng	# 1
40) Hexachlorocyclopentadiene	8.81	237	46054	29.59	ng	98

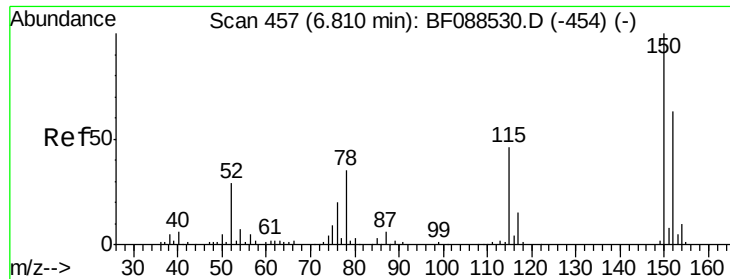
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089071.D
 Acq On : 17 Jul 2016 8:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 18 17:48:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	87503	41.85	nq	99
43) 2,4,5-Trichlorophenol	8.98	196	79070	43.95	nq	# 78
45) 1,1'-Biphenyl	9.13	154	340662	43.15	nq	95
46) 2-Chloronaphthalene	9.14	162	252777	40.78	nq	95
47) 2-Nitroaniline	9.24	65	93516	42.51	nq	98
48) Acenaphthylene	9.55	152	403137	40.88	nq	99
49) Dimethylphthalate	9.43	163	287312	42.30	nq	99
50) 2,6-Dinitrotoluene	9.50	165	67745	45.00	nq	# 90
51) Acenaphthene	9.72	154	233410	38.61	nq	97
52) 3-Nitroaniline	9.66	138	74278	38.81	nq	91
53) 2,4-Dinitrophenol	9.77	184	32288	48.57	nq	# 86
54) Dibenzofuran	9.90	168	311211	39.33	nq	# 84
55) 4-Nitrophenol	9.84	139	62653	43.08	nq	# 83
56) 2,4-Dinitrotoluene	9.90	165	97347	49.46	nq	# 63
57) Fluorene	10.24	166	267547	43.88	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	56285	40.44	nq	# 47
59) Diethylphthalate	10.12	149	292998	42.98	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	137450	48.51	nq	96
61) 4-Nitroaniline	10.27	138	87020	47.25	nq	94
62) Azobenzene	10.40	77	331514	42.63	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	50593	51.14	nq	# 61
65) n-Nitrosodiphenylamine	10.35	169	240068	38.35	nq	98
66) 4-Bromophenyl-phenylether	10.72	248	71144	38.17	nq	# 68
67) Hexachlorobenzene	10.79	284	74777	36.24	nq	92
68) Atrazine	10.89	200	83214	42.66	nq	92
69) Pentachlorophenol	10.98	266	37061	30.35	nq	97
70) Phenanthrene	11.20	178	438911	43.41	nq	98
71) Anthracene	11.24	178	398580	39.64	nq	99
72) Carbazole	11.40	167	401007	42.38	nq	100
73) Di-n-butylphthalate	11.75	149	488590	44.39	nq	98
74) Fluoranthene	12.38	202	464331	45.30	nq	97
76) Benzidine	12.50	184	369194	53.91	nq	97
77) Pyrene	12.61	202	484809	42.20	nq	99
79) Butylbenzylphthalate	13.23	149	191096	37.29	nq	94
80) Benzo(a)anthracene	13.78	228	328462	37.65	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	112465	34.29	nq	# 95
82) Chrysene	13.82	228	298242	34.55	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	254019	43.42	nq	# 99
84) Di-n-octyl phthalate	14.40	149	388766	39.12	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.42	276	226538	34.11	nq	# 100
87) Benzo(b)fluoranthene	14.79	252	312399m	47.84	nq	
88) Benzo(k)fluoranthene	14.81	252	215663m	37.94	nq	
89) Benzo(a)pyrene	15.10	252	229882	41.58	nq	99
90) Dibenzo(a,h)anthracene	16.43	278	197247	42.72	nq	98
91) Benzo(g,h,i)perylene	16.80	276	196850	41.20	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

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DFTPP

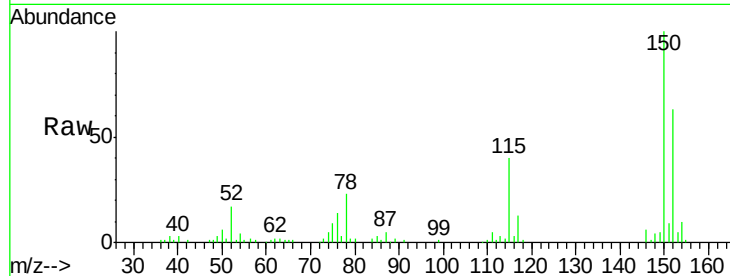
Tot Ion:152 Resp: 51311

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

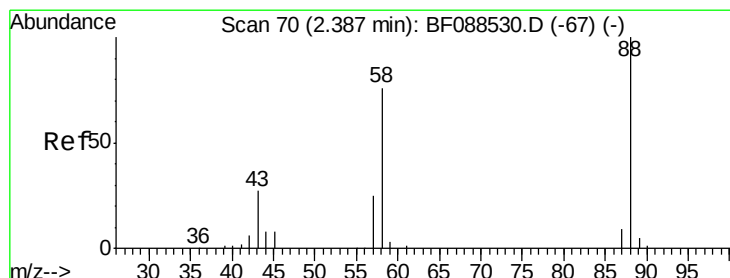
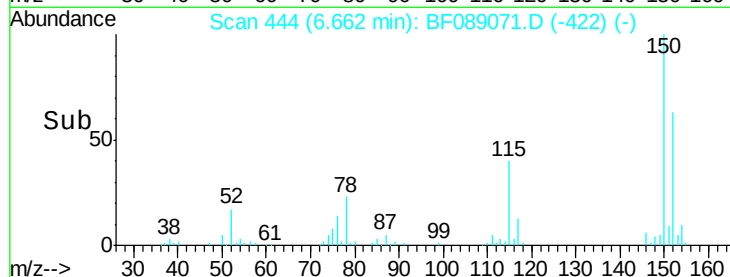
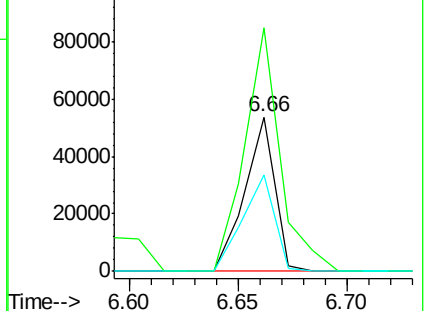
115 62.4 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.62 ng

RT: 2.12 min Scan# 47

Delta R.T. -0.09 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

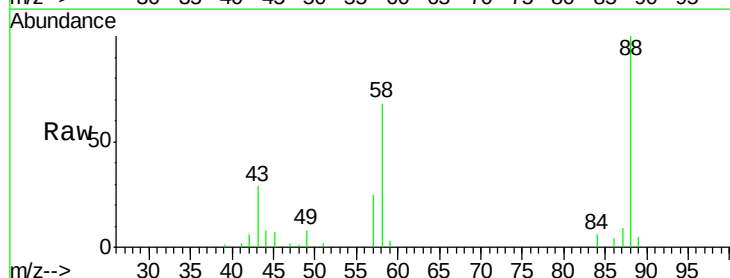
Tgt Ion: 88 Resp: 57060

Ion Ratio Lower Upper

88 100

58 67.0 0.0 0.0#

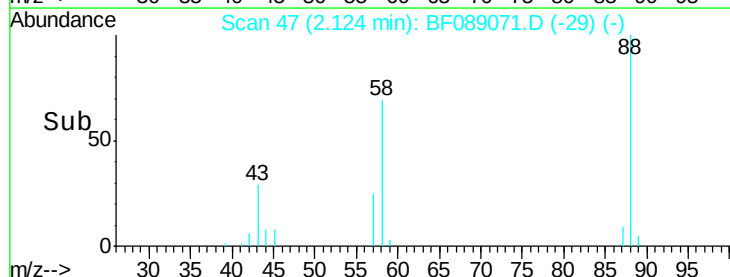
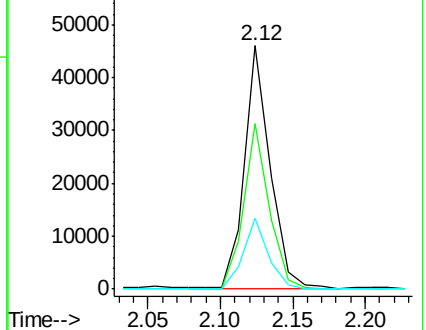
43 28.1 3.4 5.2#

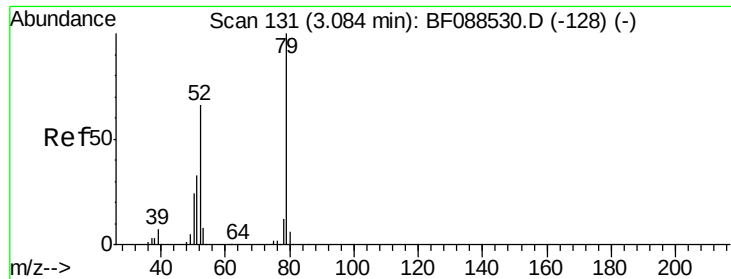


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.79 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.11 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

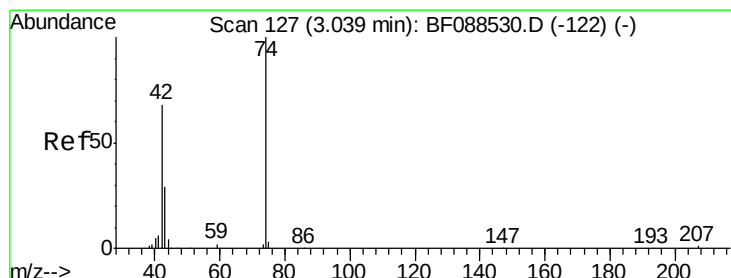
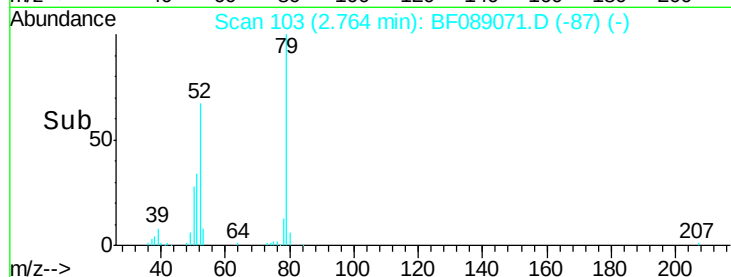
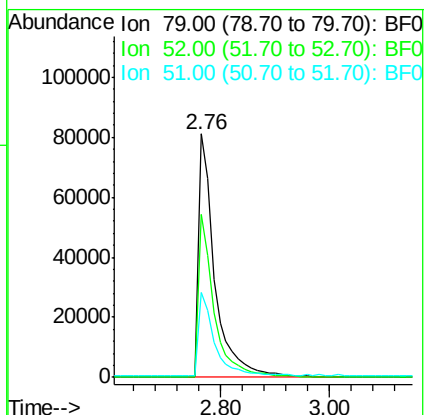
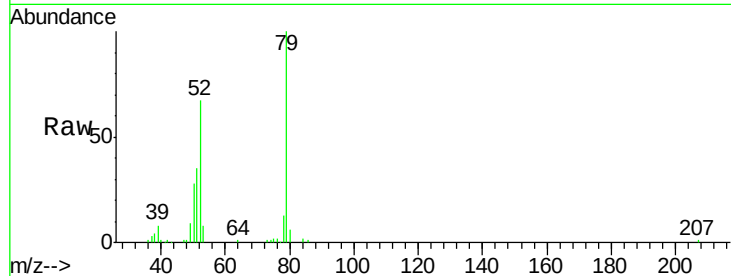
Tot Ion: 79 Resp: 166419

Ion Ratio Lower Upper

79 100

52 66.9 56.3 84.5

51 35.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.55 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.10 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

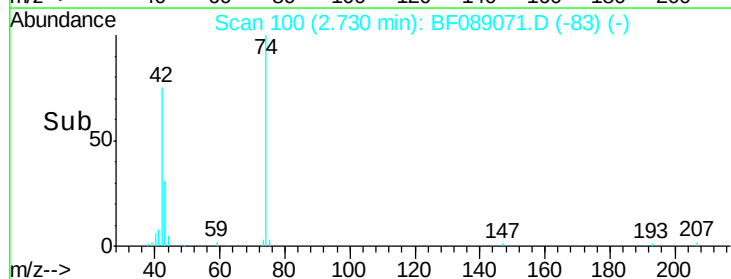
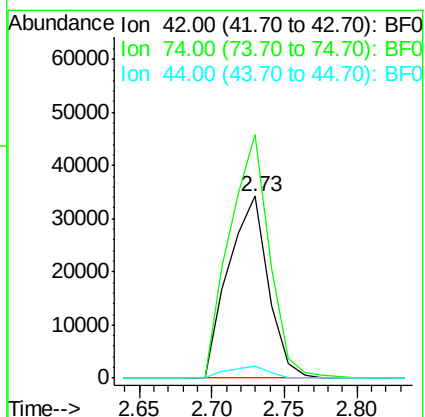
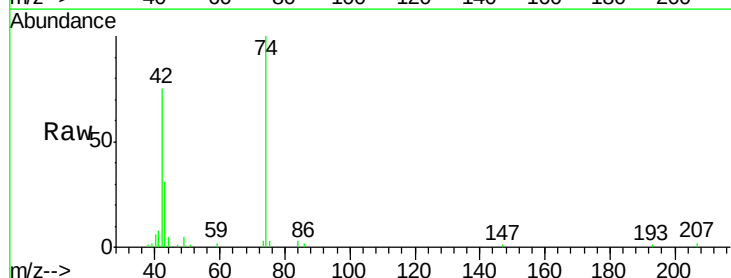
Tgt Ion: 42 Resp: 65010

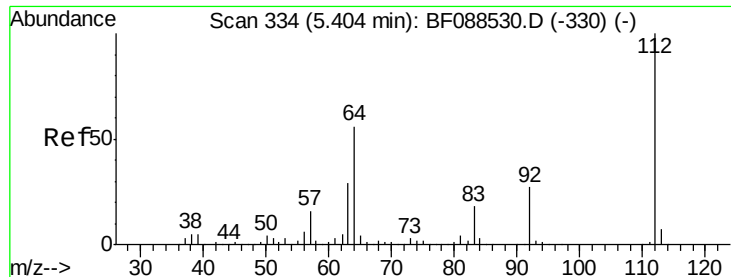
Ion Ratio Lower Upper

42 100

74 134.1 108.6 163.0

44 6.3 5.5 8.3





#5

2-Fluorophenol

Concen: 77.16 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

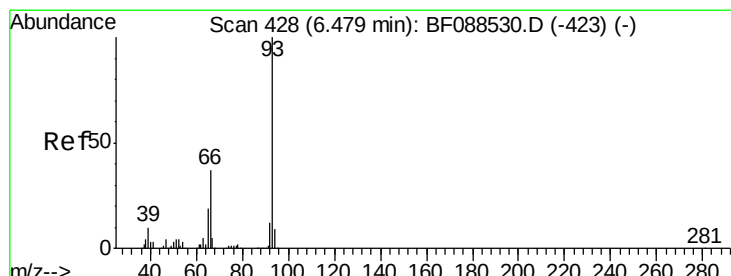
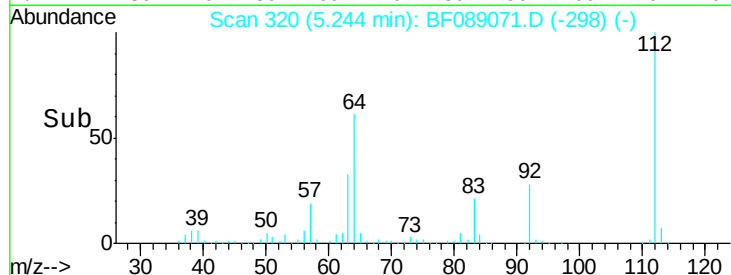
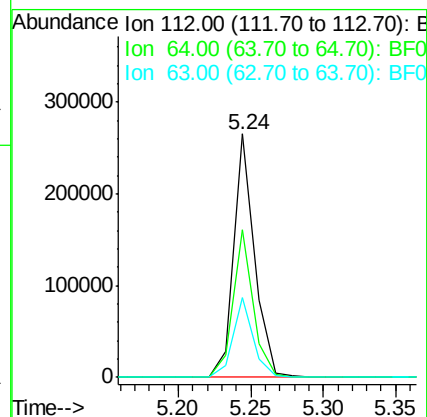
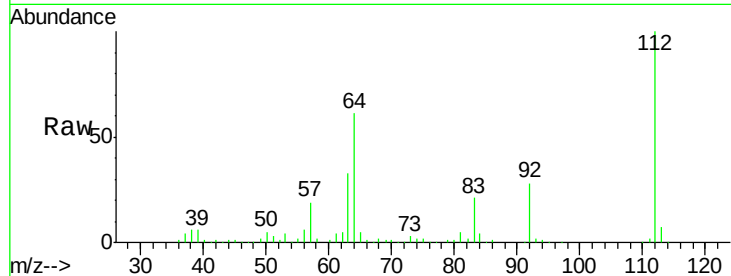
Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion:	112	Resp:	264167
Ion Ratio	Lower	Upper	
112	100		
64	60.8	42.2	63.2
63	32.6	21.8	32.8



#6

Aniline

Concen: 34.14 ng

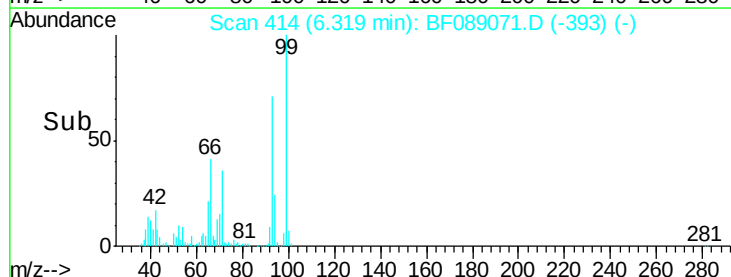
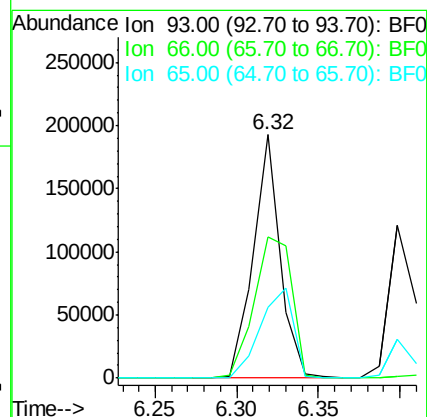
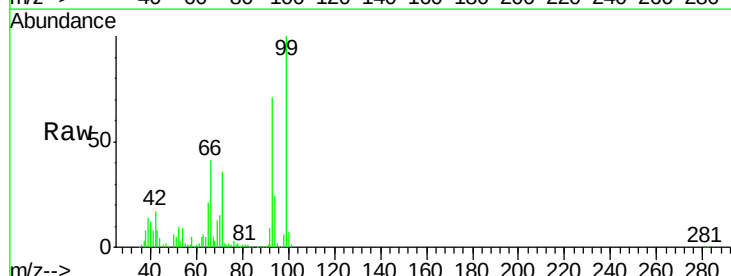
RT: 6.32 min Scan# 414

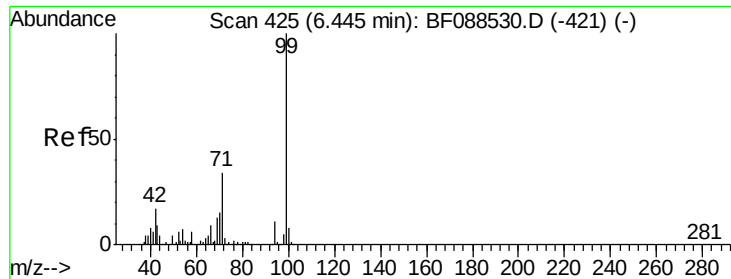
Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Tgt Ion:	93	Resp:	220078
Ion Ratio	Lower	Upper	
93	100		
66	58.2	29.8	44.8#
65	29.3	14.9	22.3#





#7

Phenol-d6

Concen: 76.61 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

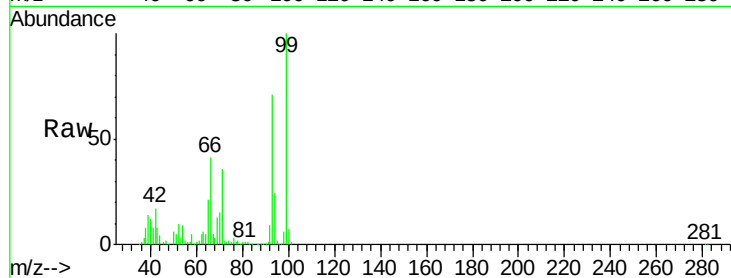
Tot Ion: 99 Resp: 338920

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

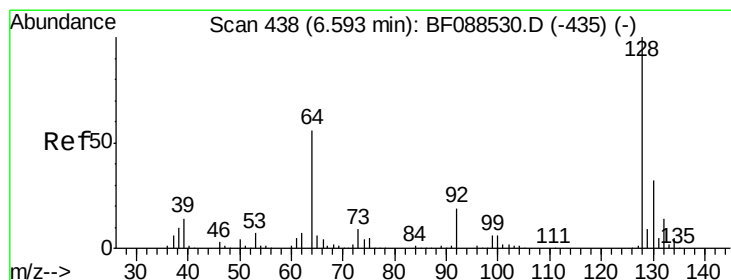
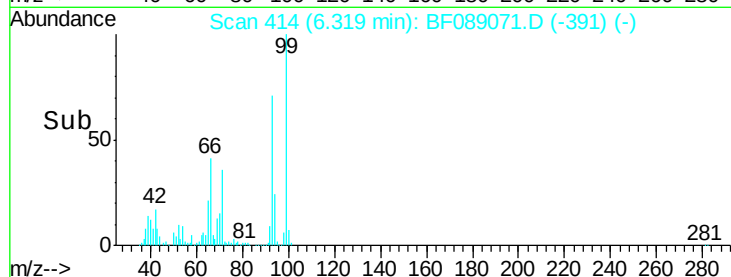
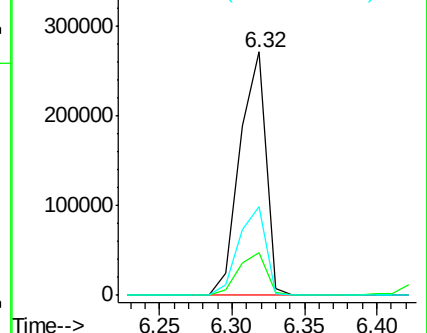
71 36.3 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.84 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

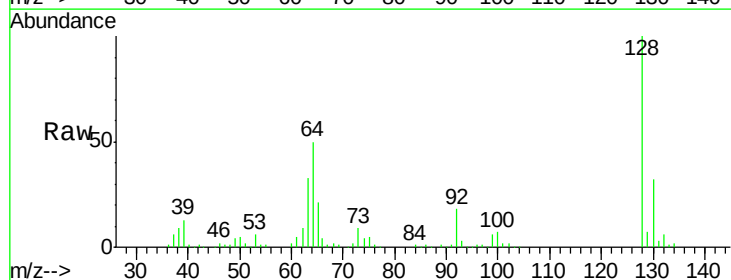
Tgt Ion: 128 Resp: 142915

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

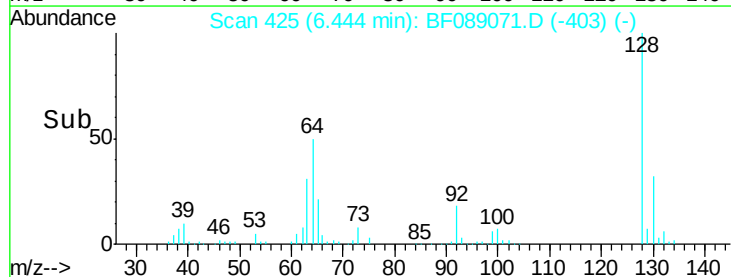
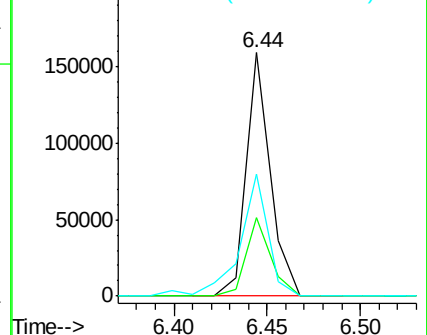
64 50.2 30.8 70.8

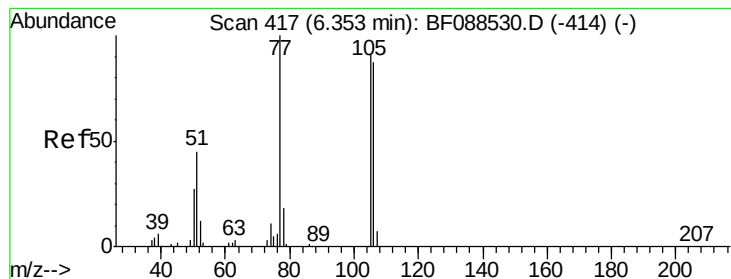


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.63 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

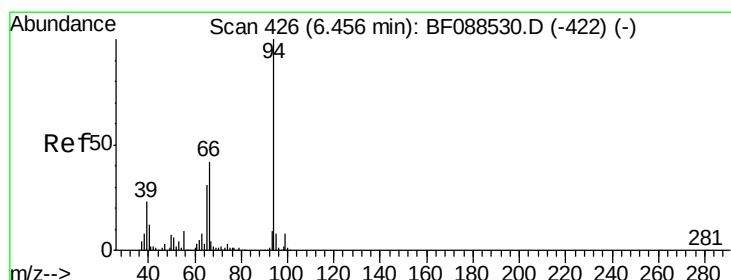
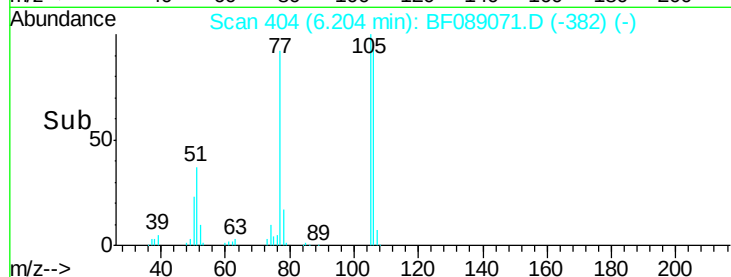
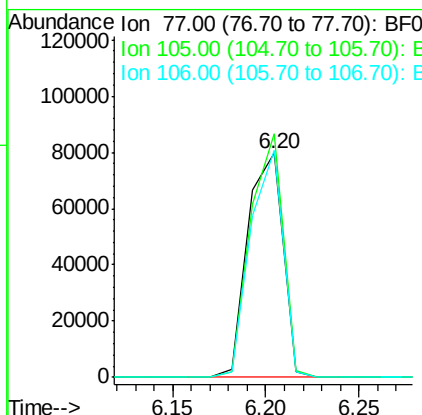
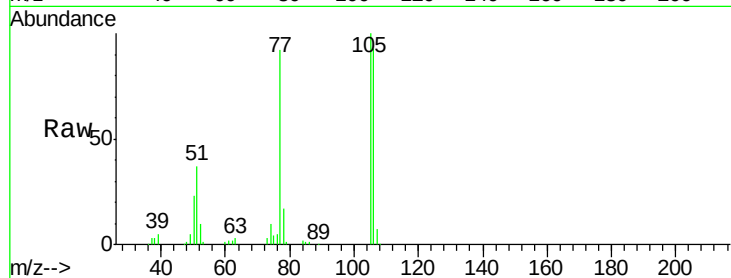
Tot Ion: 77 Resp: 103778

Ion Ratio Lower Upper

77 100

105 108.6 90.6 130.6

106 101.4 85.3 125.3



#10

Phenol

Concen: 40.82 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

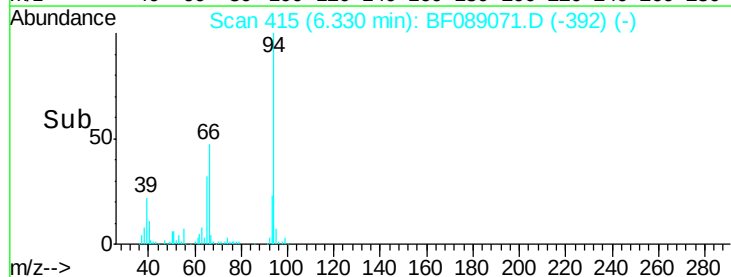
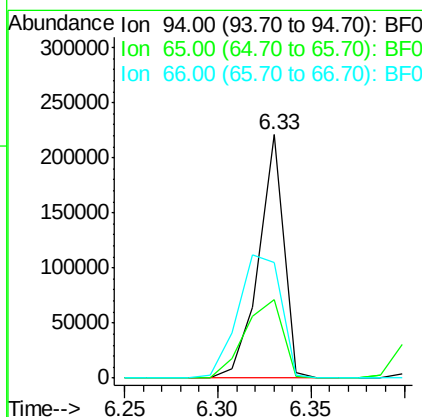
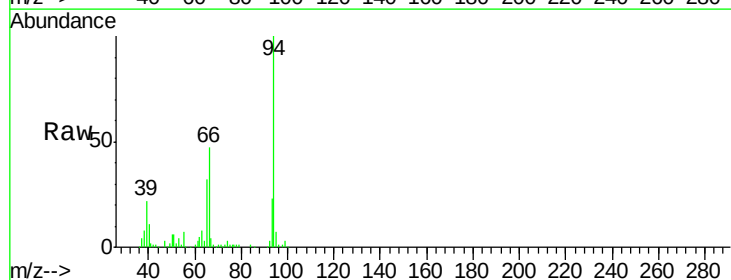
Tgt Ion: 94 Resp: 206115

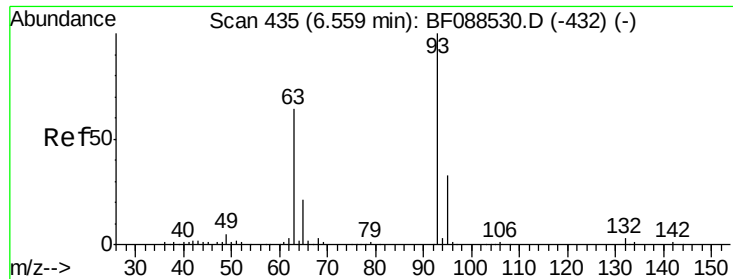
Ion Ratio Lower Upper

94 100

65 32.1 5.9 45.9

66 47.3 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 34.46 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

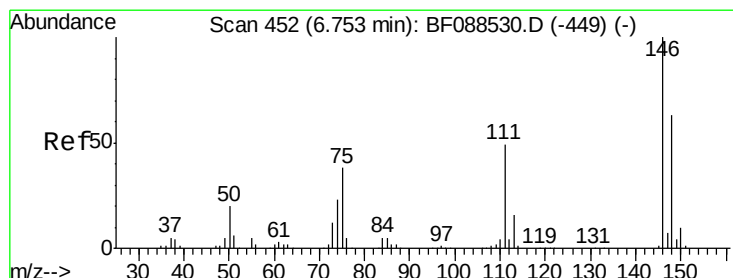
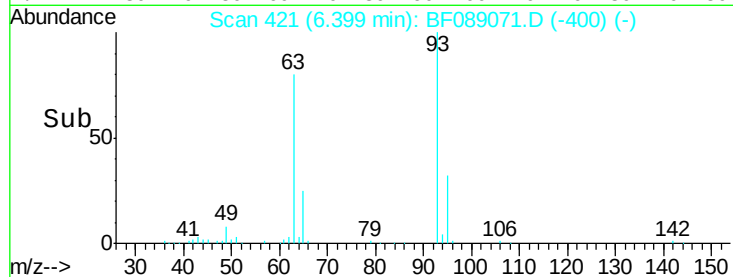
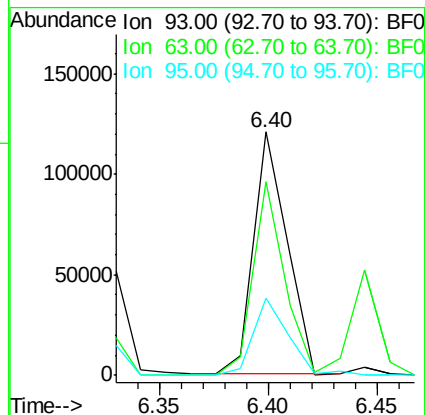
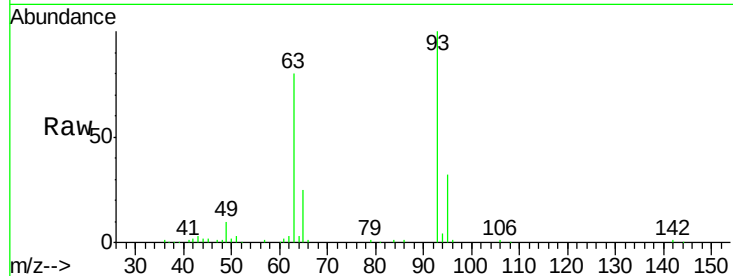
Tot Ion: 93 Resp: 129758

Ion Ratio Lower Upper

93 100

63 79.7 67.6 107.6

95 31.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.82 ng m

RT: 6.59 min Scan# 438

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

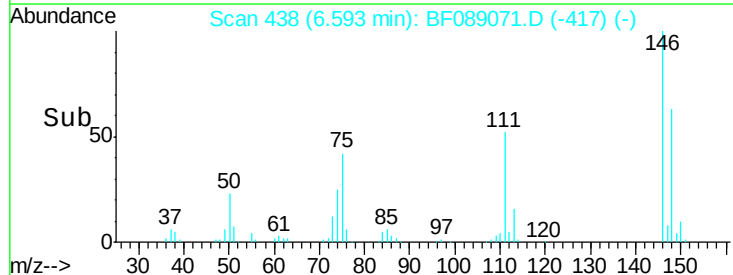
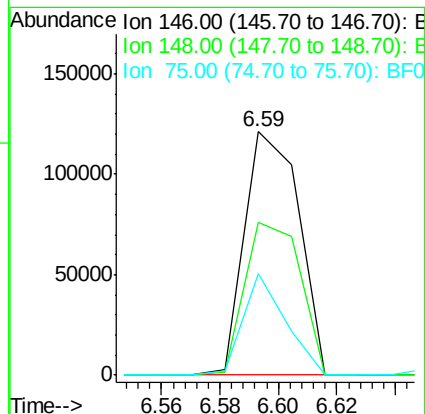
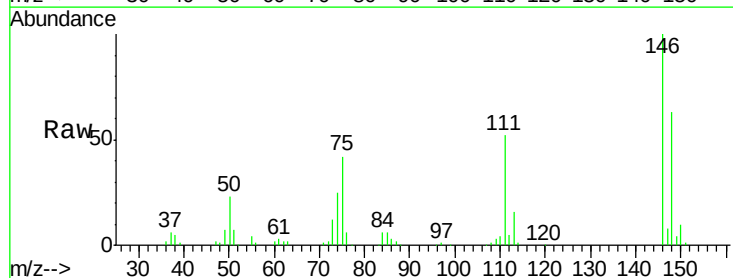
Tgt Ion: 146 Resp: 157188

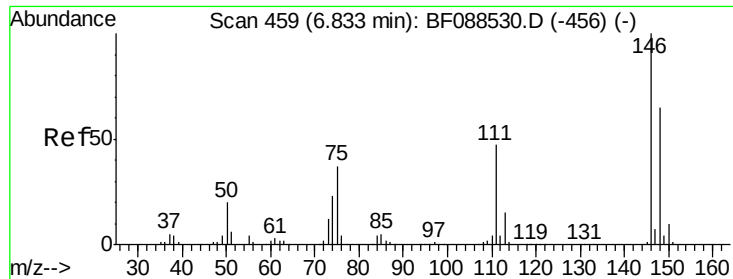
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

75 41.7 25.6 38.4#

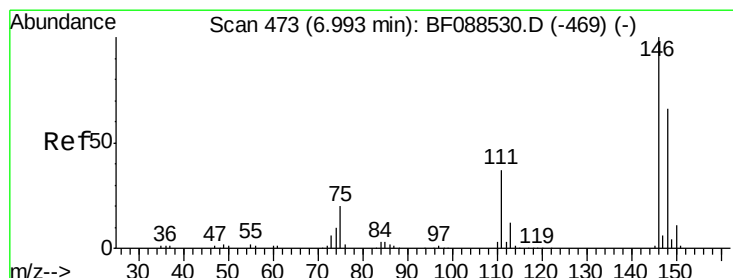
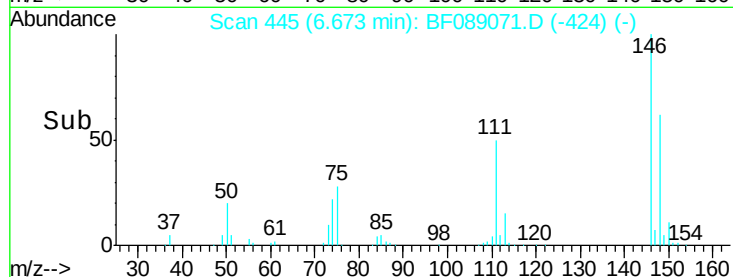
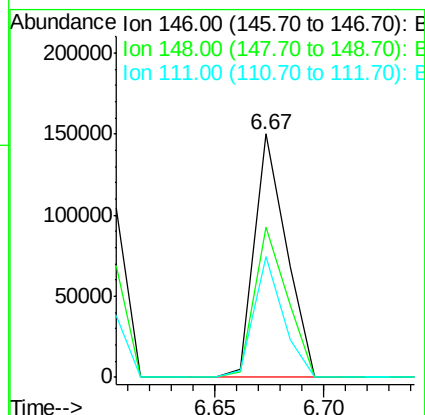
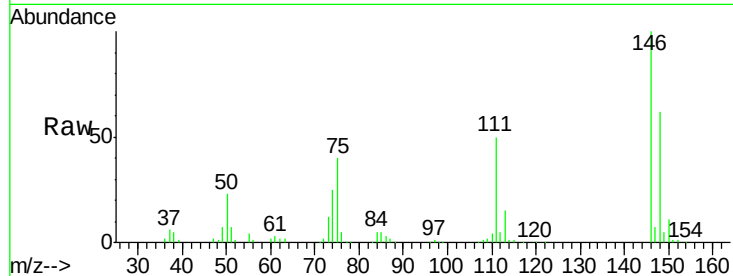




#13
1,4-Dichlorobenzene
Concen: 38.07 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

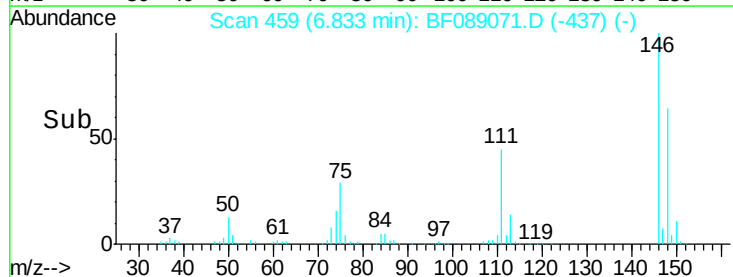
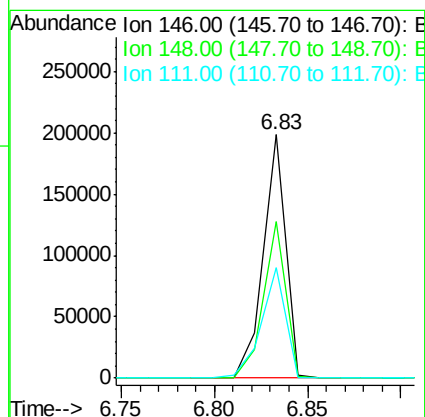
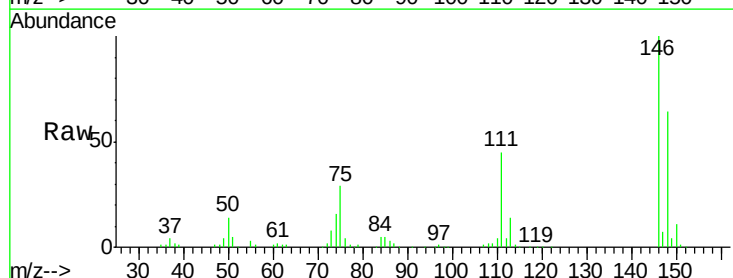
Instrument :
BNA_F
ClientSampleId :
DFTPP

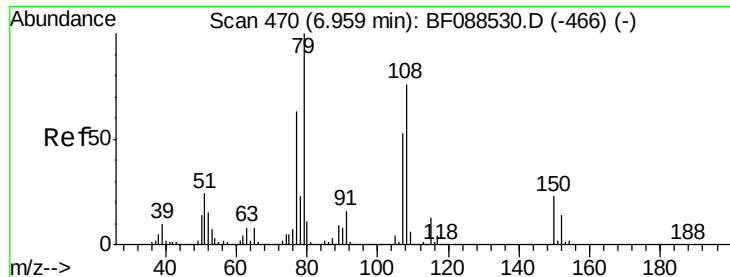
Tot Ion:146 Resp: 153011
Ion Ratio Lower Upper
146 100
148 61.8 52.0 78.0
111 49.7 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 43.51 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:146 Resp: 163673
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
111 45.1 28.7 43.1#





#15

Benzyl Alcohol

Concen: 36.76 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

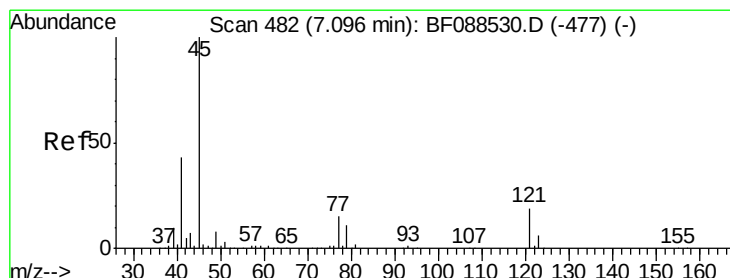
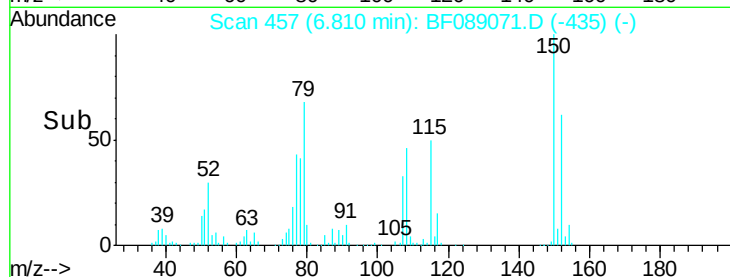
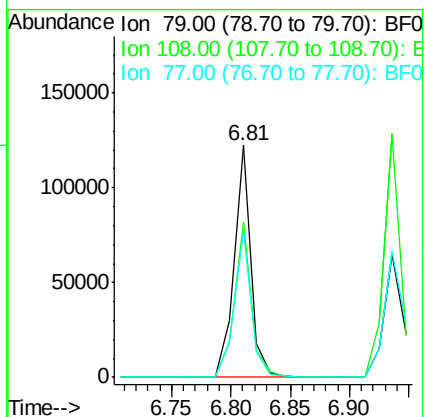
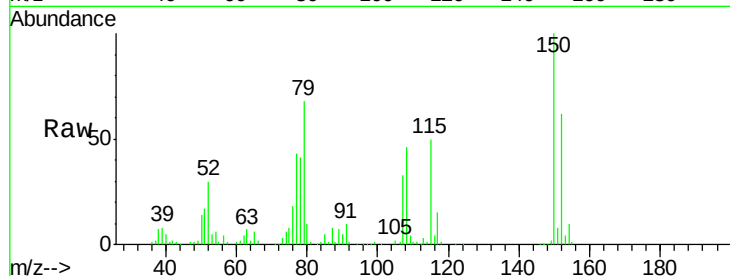
Tot Ion: 79 Resp: 119684

Ion Ratio Lower Upper

79 100

108 67.3 65.0 97.6

77 63.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.35 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

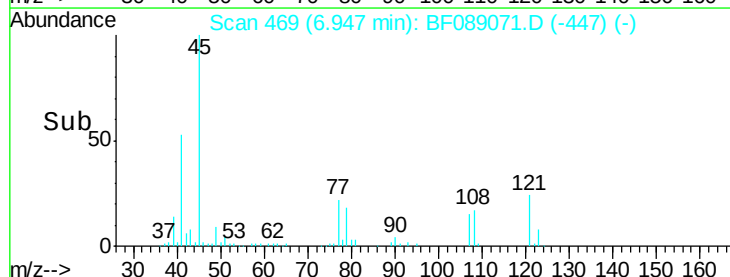
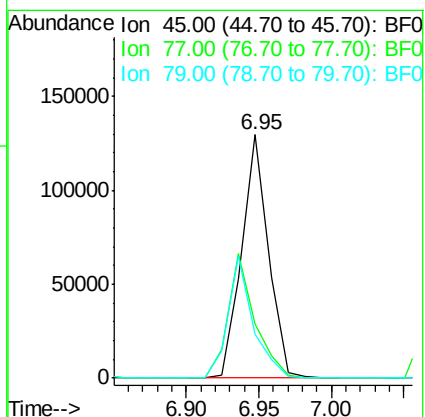
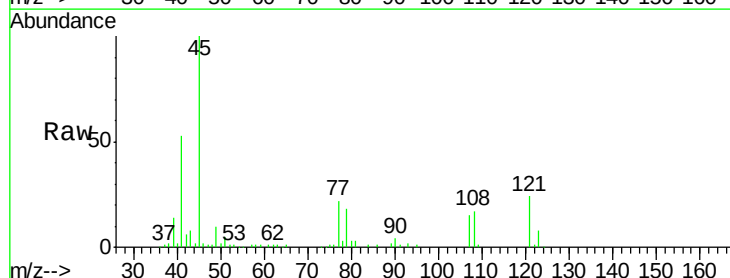
Tgt Ion: 45 Resp: 165490

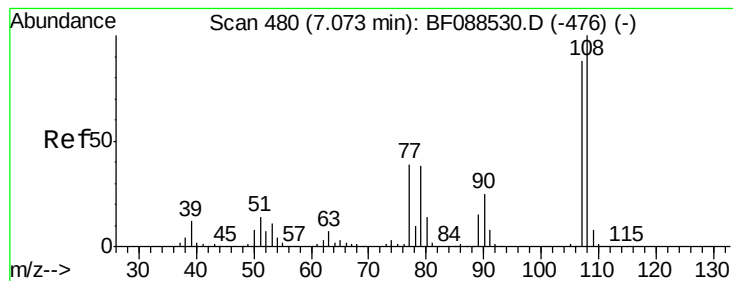
Ion Ratio Lower Upper

45 100

77 22.2 0.0 32.5

79 18.0 0.0 29.5

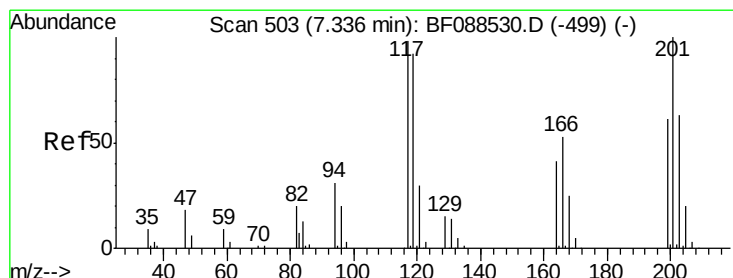
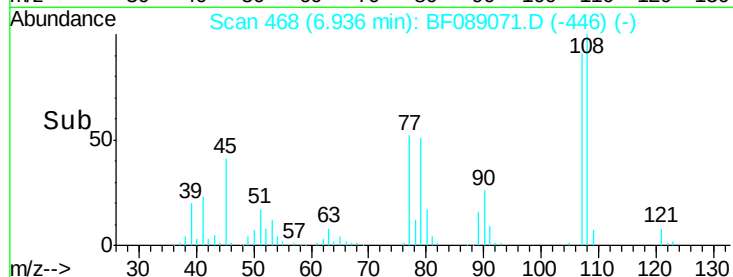
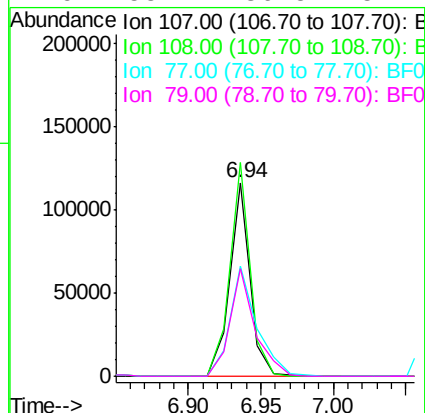
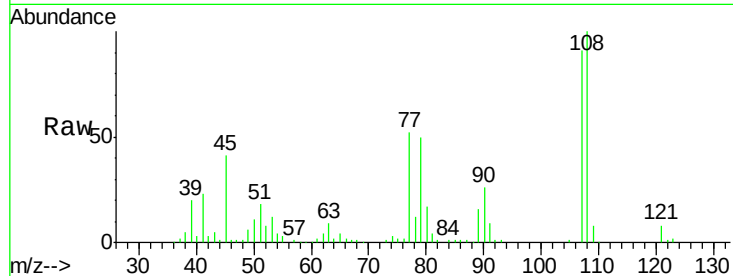




#17
2-Methylphenol
Concen: 37.39 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

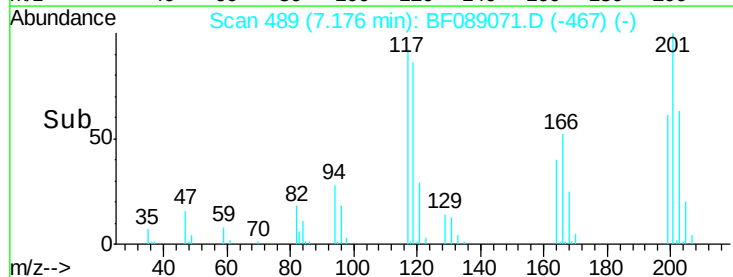
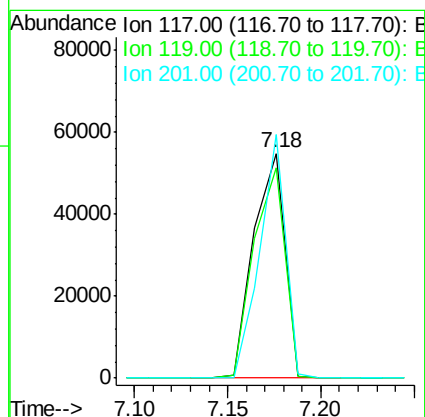
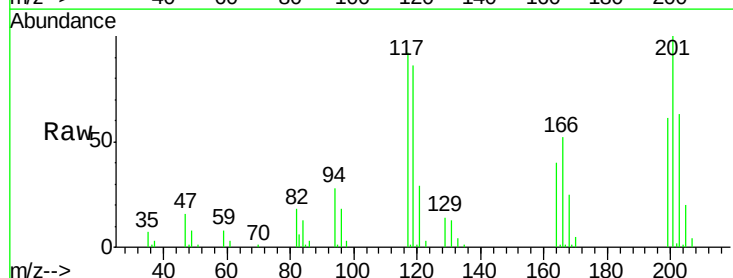
Instrument :
BNA_F
ClientSampleId :
DFTPP

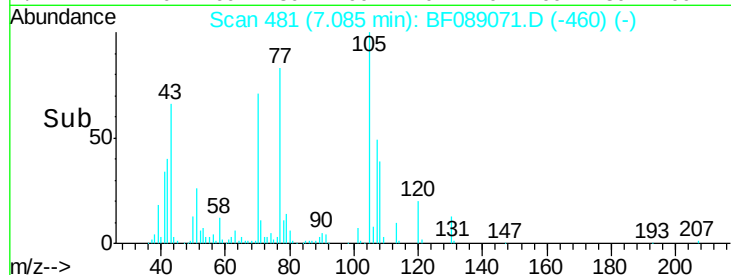
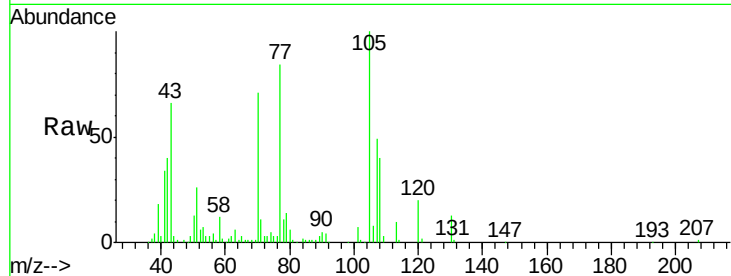
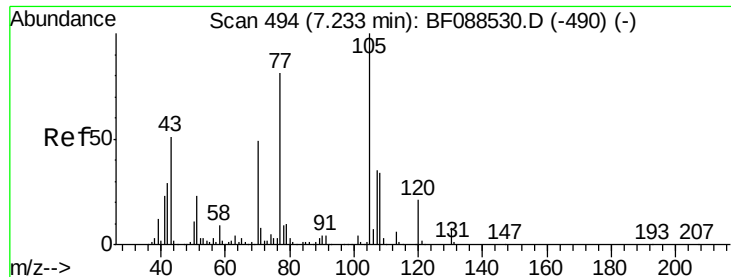
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.9	136.3
77	57.0	36.6	55.0#
79	55.7	36.5	54.7#



#18
Hexachloroethane
Concen: 40.84 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.2
201	108.3	80.4	120.6

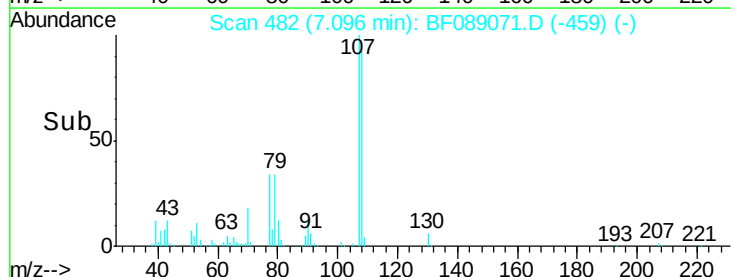
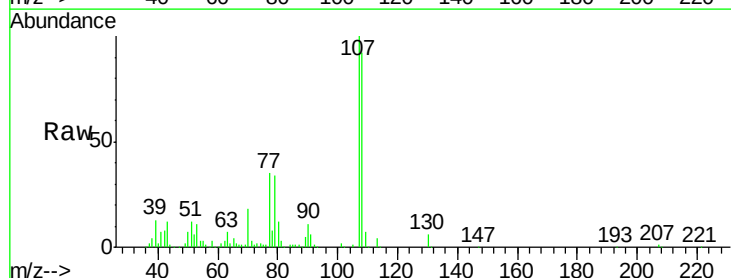
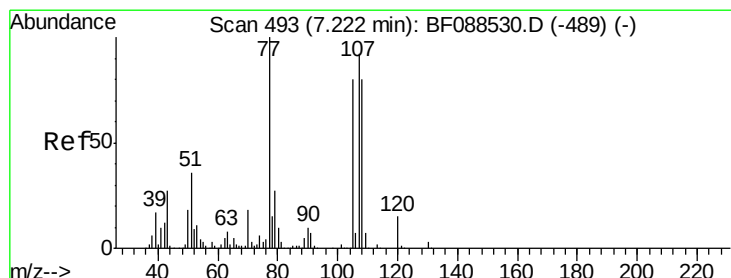
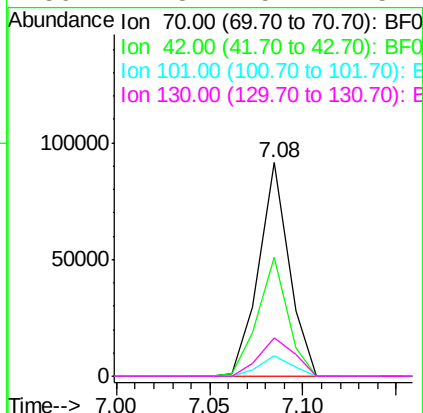




#19
n-Nitroso-di-n-propylamine
Concen: 34.70 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

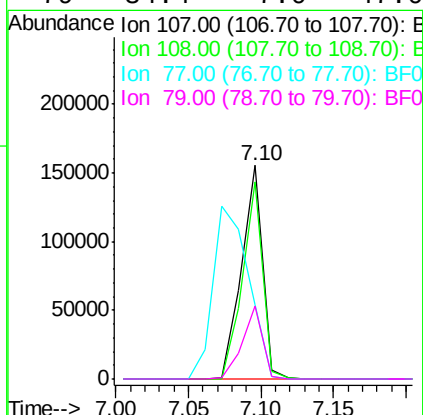
Instrument :
BNA_F
ClientSampleId :
DFTPP

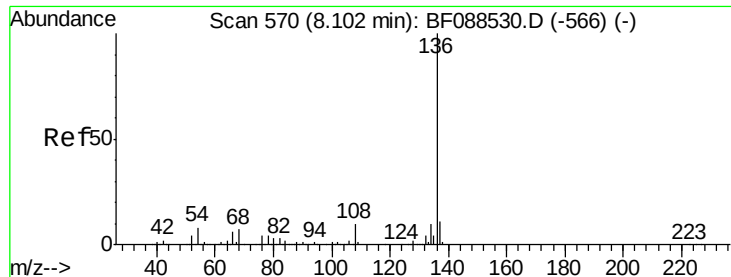
Tot Ion:	70	Resp:	103105
Ion	Ratio	Lower	Upper
70	100		
42	56.0	49.6	74.4
101	9.3	7.1	10.7
130	17.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 43.32 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:	107	Resp:	156081
Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.8	107.8
77	35.1	59.3	99.3#
79	34.4	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: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 204024

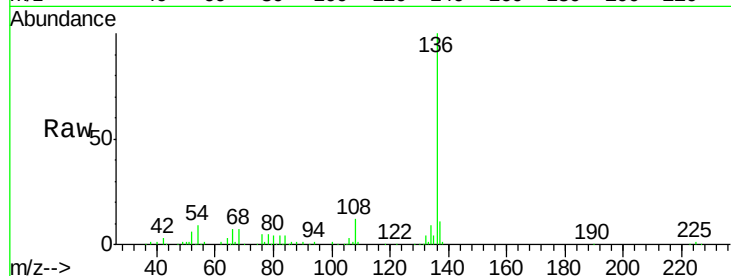
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.9 6.6 10.0

68 6.7 5.1 7.7

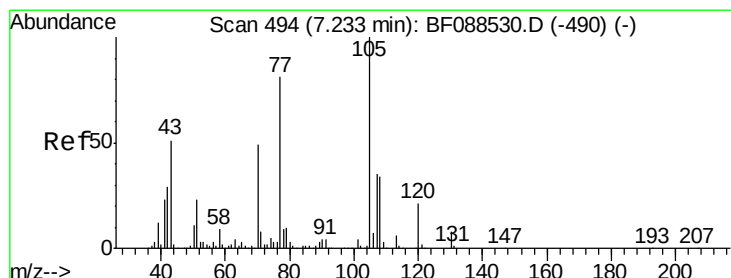
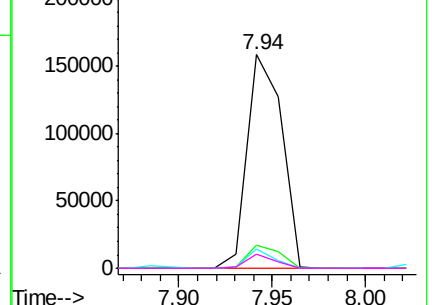
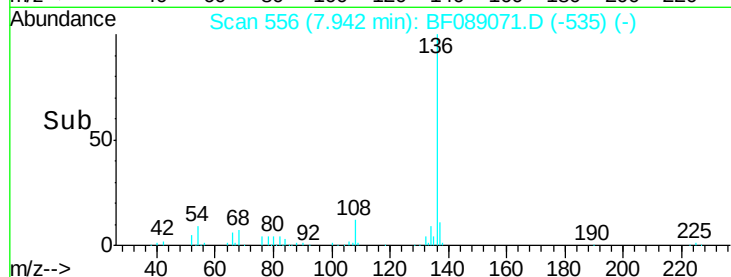


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.58 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Tgt Ion:105 Resp: 210829

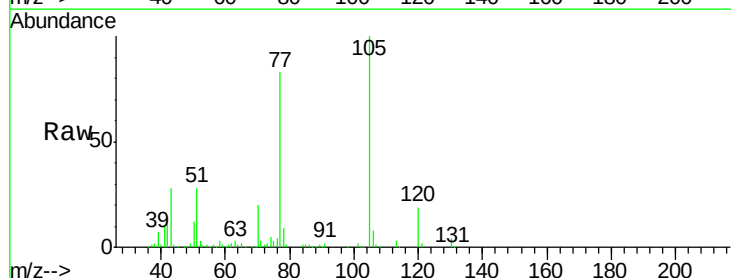
Ion Ratio Lower Upper

105 100

71 3.5 5.3 7.9#

51 28.2 18.2 27.4#

120 18.7 18.0 27.0

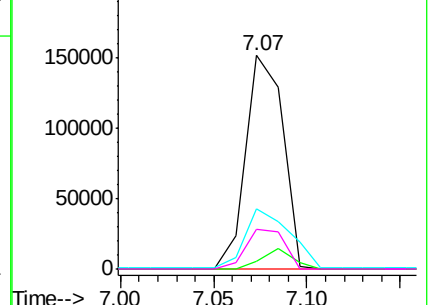
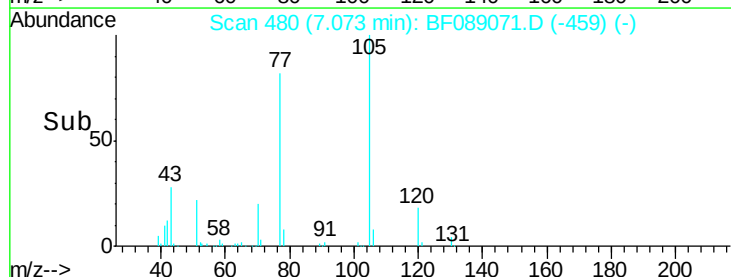


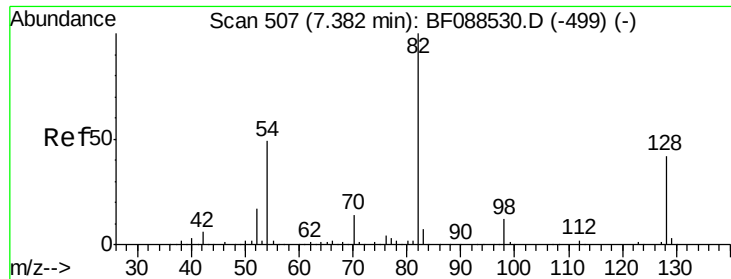
Abundance Ion 105.00 (104.70 to 105.70): E

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

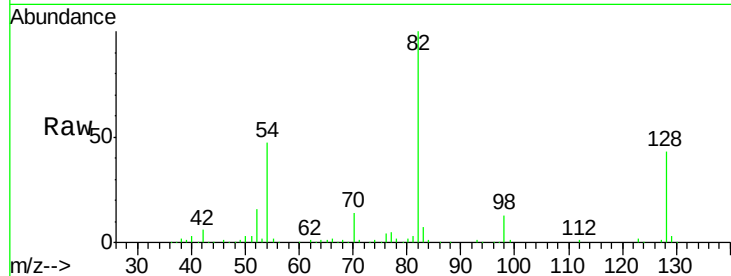




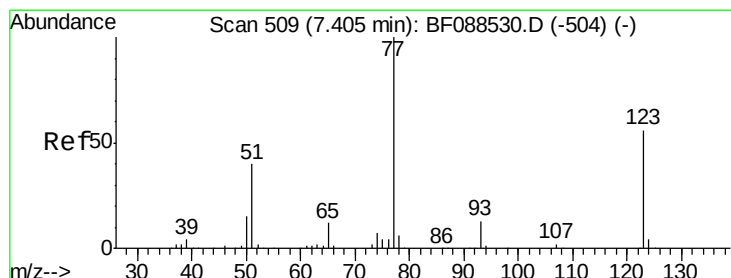
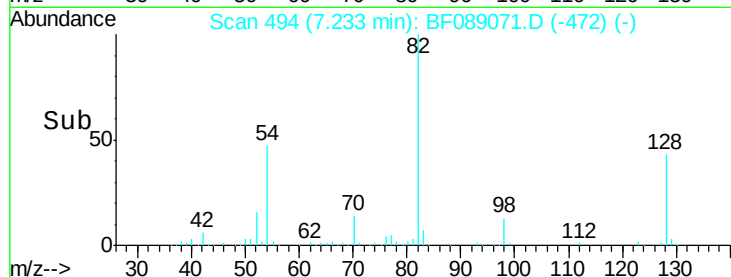
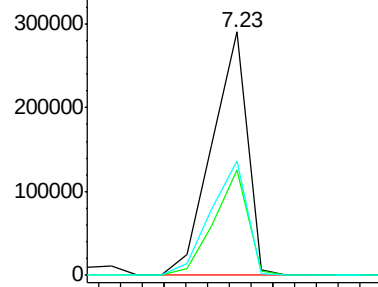
#23
Nitrobenzene-d5
Concen: 84.05 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	82	Resp	327232
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.9	53.9
54	47.1	40.9	61.3

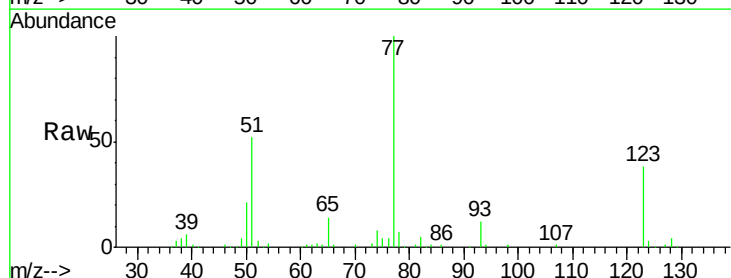


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

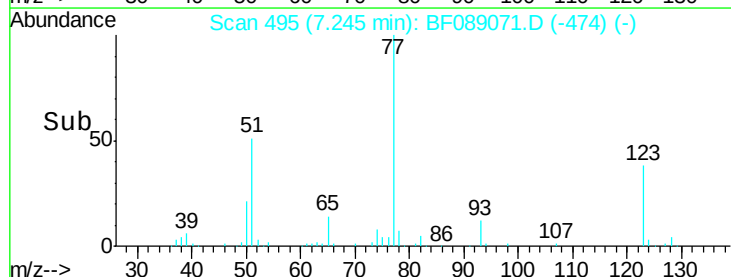
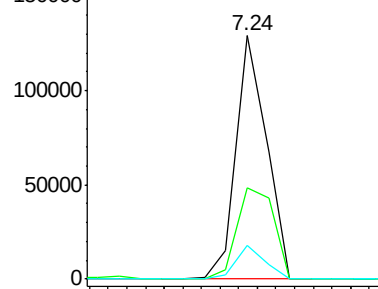


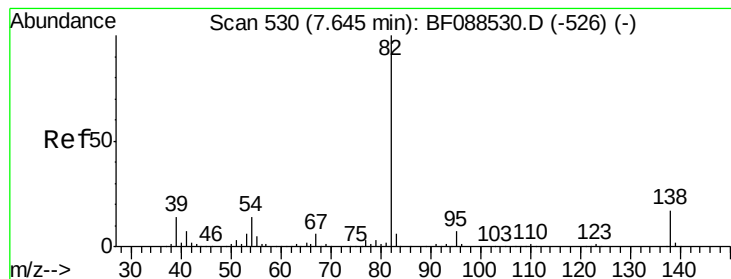
#24
Nitrobenzene
Concen: 37.13 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion	77	Resp	145758
Ion Ratio	Lower	Upper	
77	100		
123	37.6	45.0	67.4#
65	14.0	10.2	15.2



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





#25

Isophorone

Concen: 39.53 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

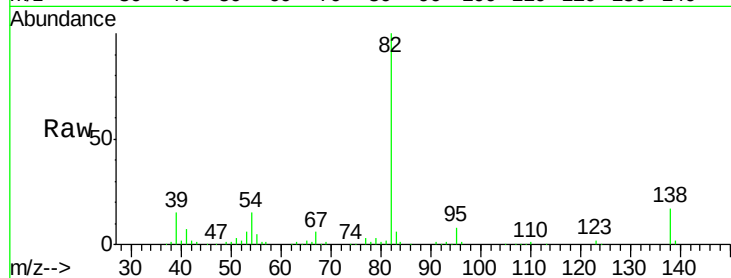
Tot Ion: 82 Resp: 285096

Ion Ratio Lower Upper

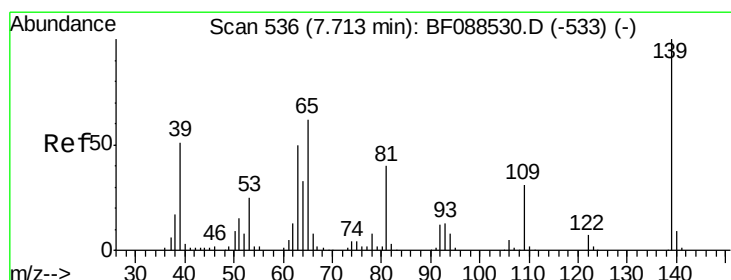
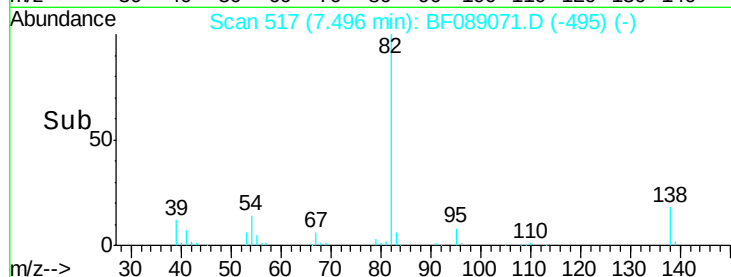
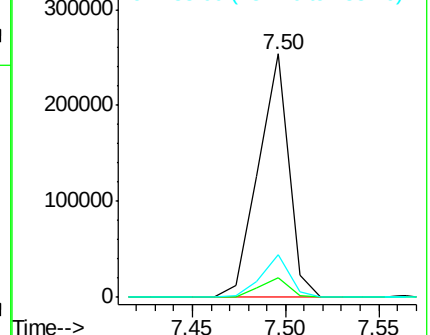
82 100

95 8.0 5.4 8.2

138 17.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.76 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

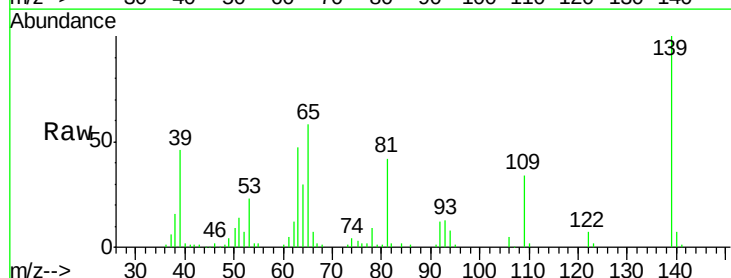
Tgt Ion: 139 Resp: 73665

Ion Ratio Lower Upper

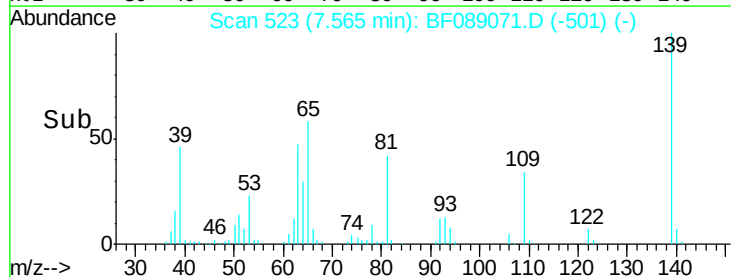
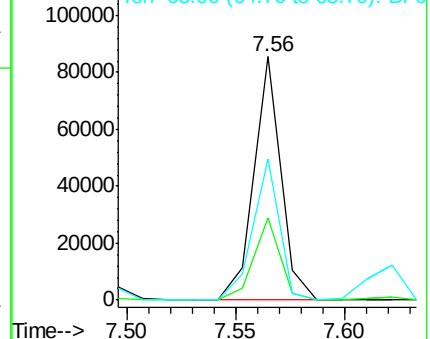
139 100

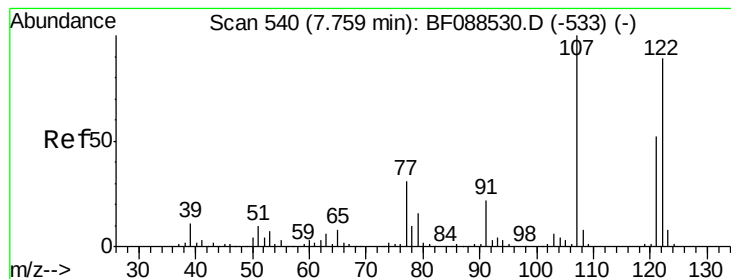
109 33.9 23.0 34.4

65 58.1 45.8 68.8



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

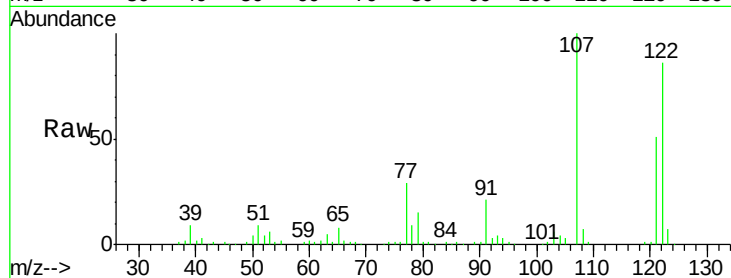




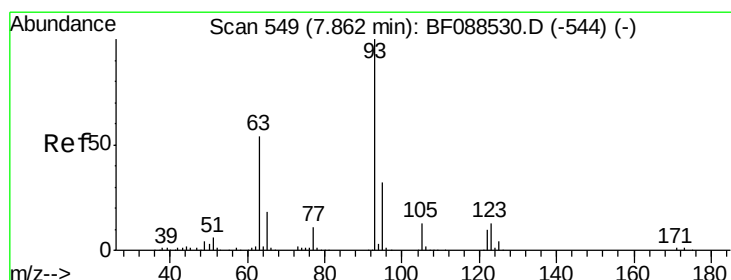
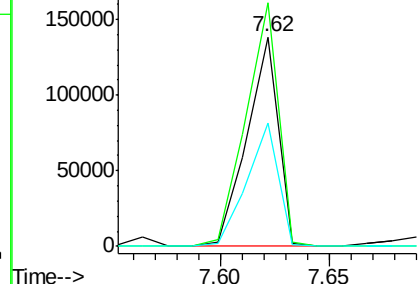
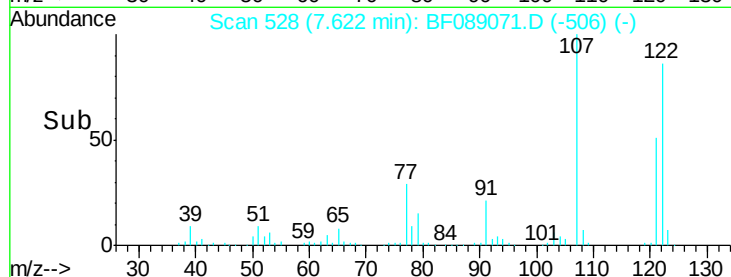
#27
 2,4-Dimethylphenol
 Concen: 41.54 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:122 Resp: 139276
 Ion Ratio Lower Upper
 122 100
 107 116.1 82.4 123.6
 121 59.1 46.3 69.5

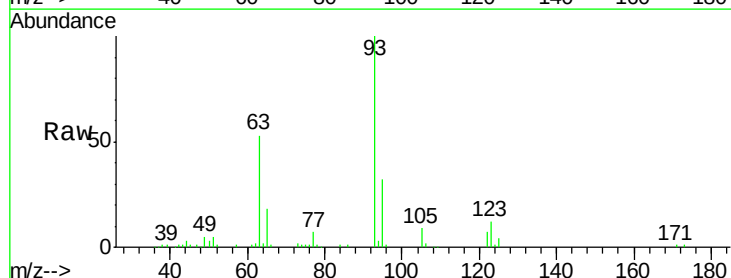


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

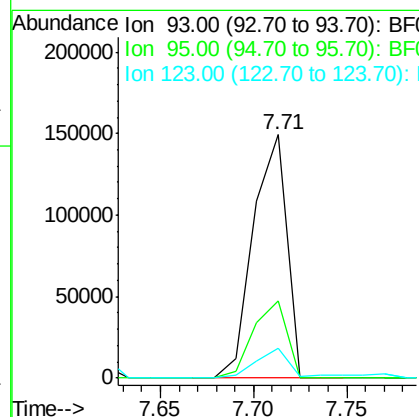
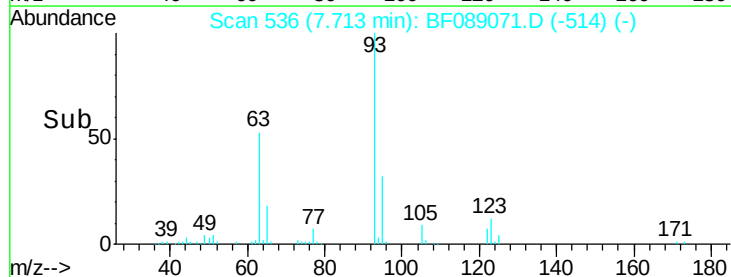


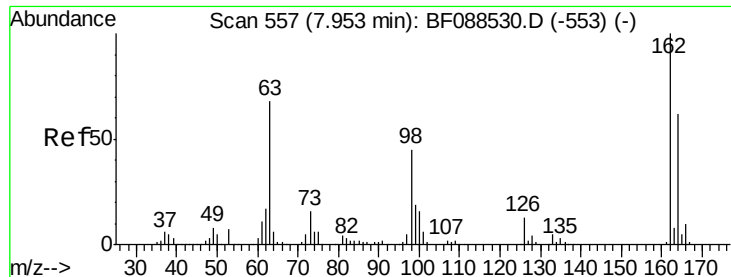
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.55 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion: 93 Resp: 185618
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 12.2 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

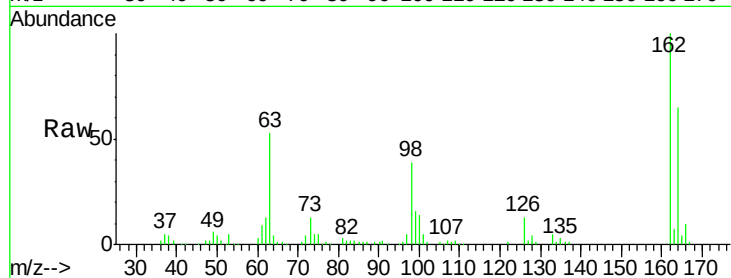




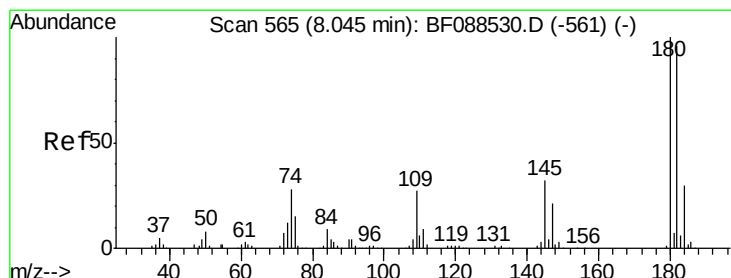
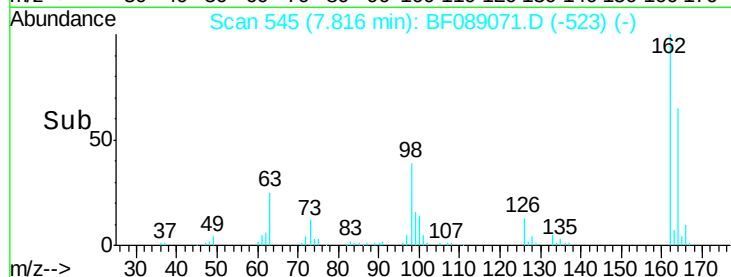
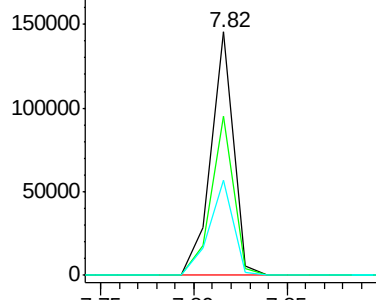
#29
 2,4-Dichlorophenol
 Concen: 45.58 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	39.0	21.3	61.3

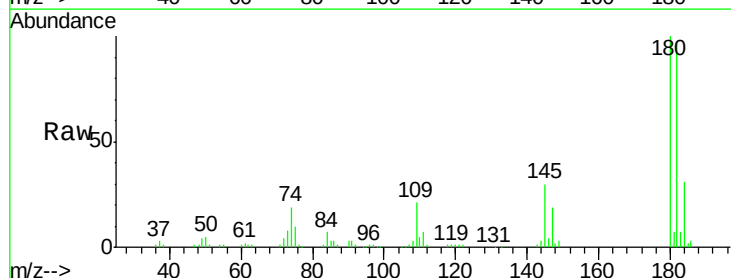


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

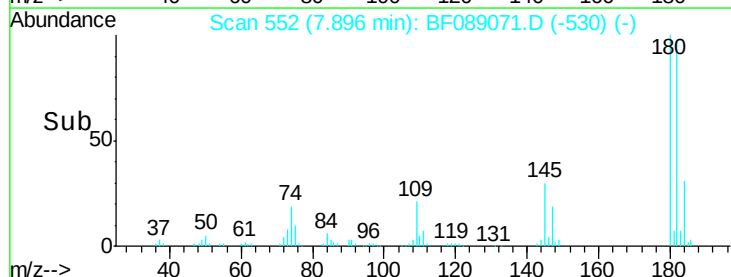
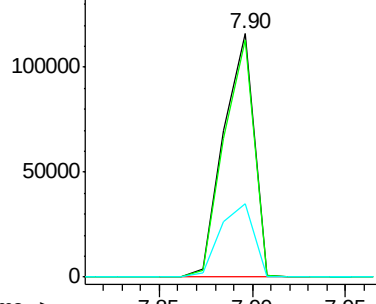


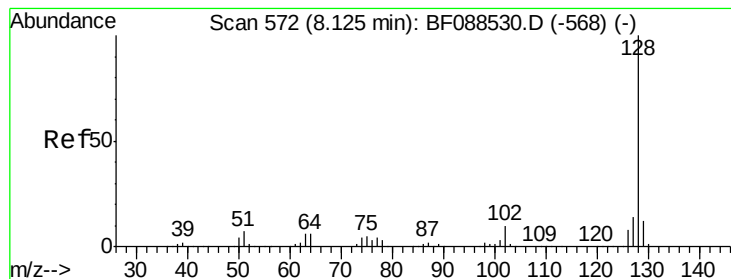
#30
 1,2,4-Trichlorobenzene
 Concen: 43.93 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.0	114.0
145	30.1	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: 40.97 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

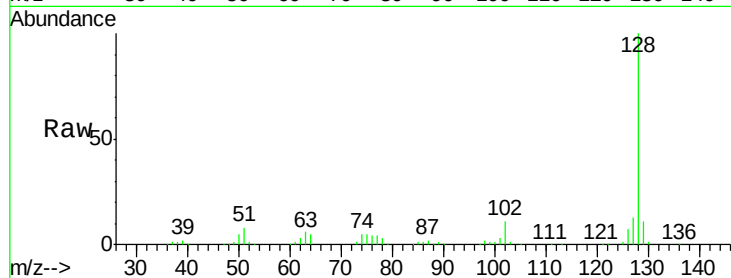
Tot Ion:128 Resp: 412112

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

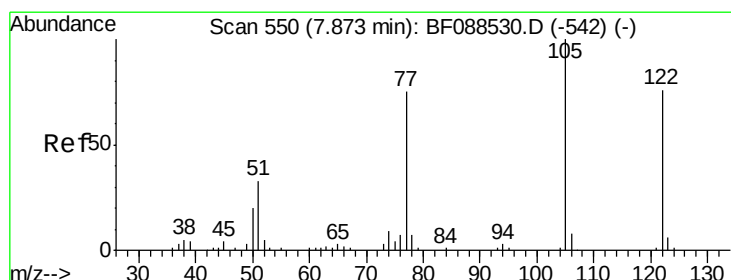
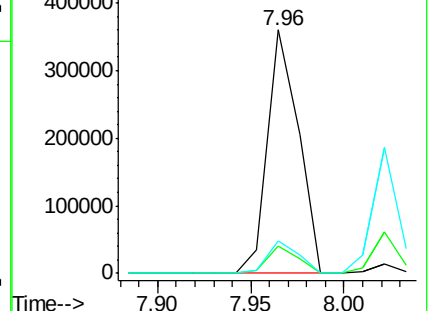
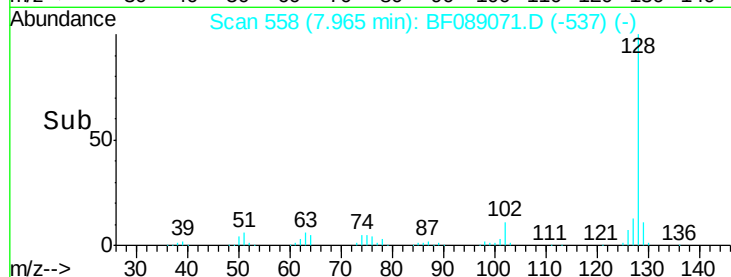
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.40 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

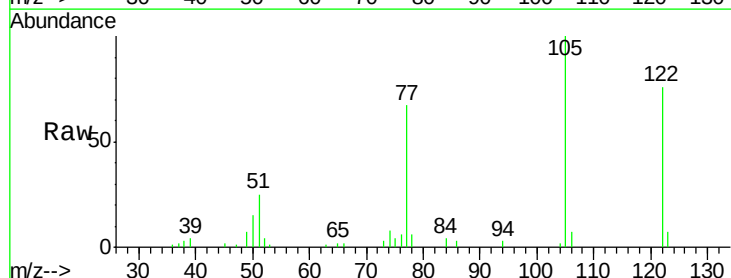
Tgt Ion:122 Resp: 98349

Ion Ratio Lower Upper

122 100

105 131.5 101.6 141.6

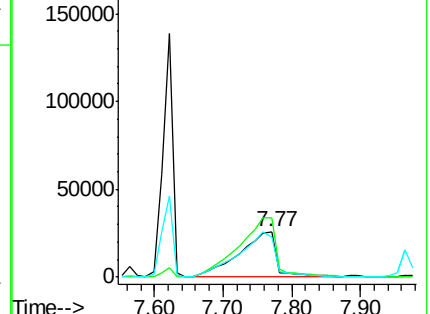
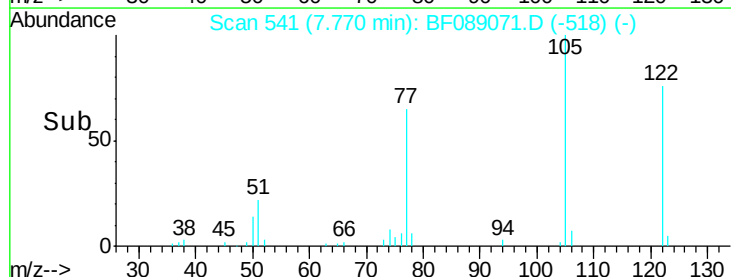
77 88.7 70.6 110.6

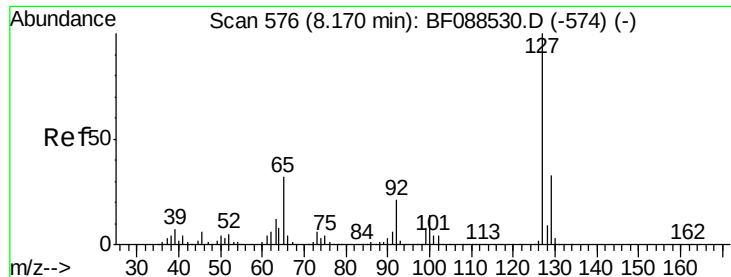


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

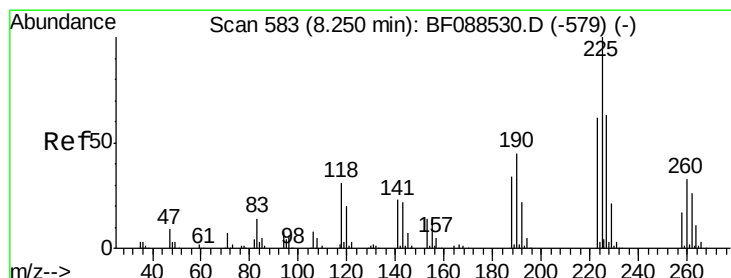
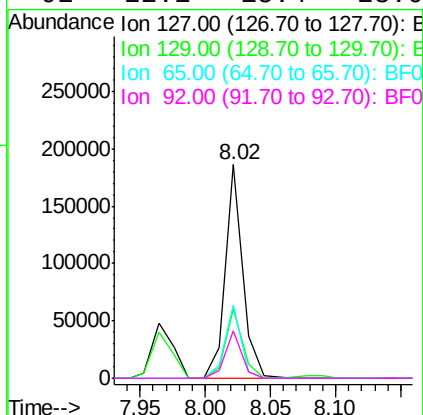
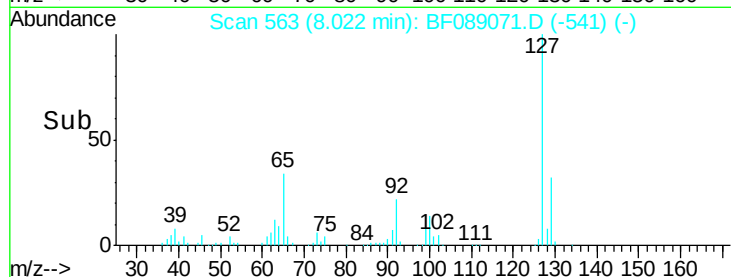
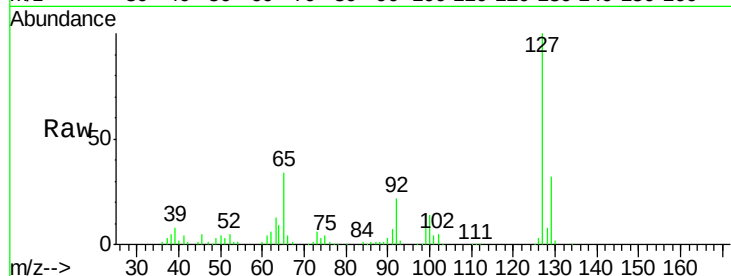




#33
4-Chloroaniline
Concen: 39.03 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

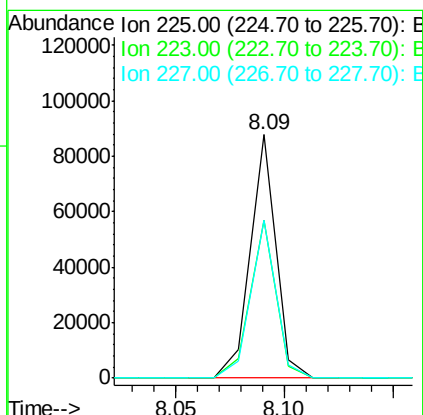
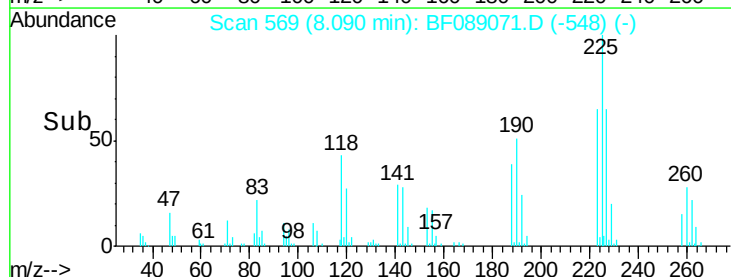
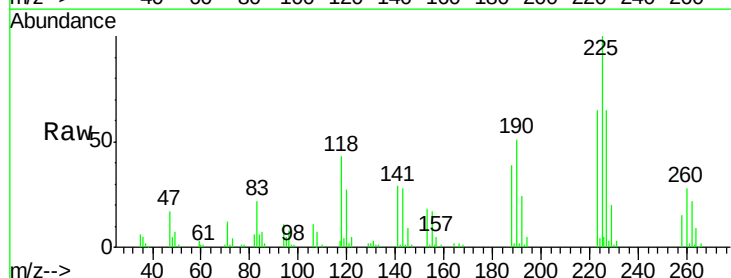
Instrument :
BNA_F
ClientSampleId :
DFTPP

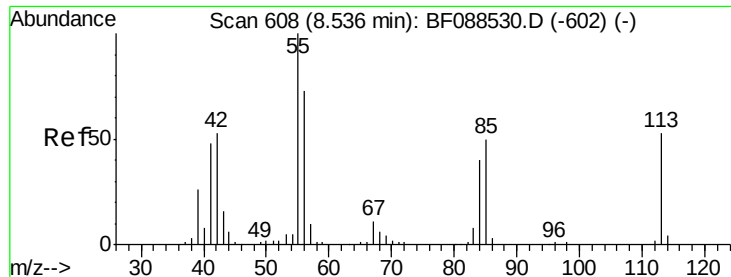
Tot Ion:	127	Resp:	174649
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	34.4	24.7	37.1
92	22.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 45.19 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:	225	Resp:	71951
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.9	76.3
227	64.6	51.9	77.9





#35

Caprolactam

Concen: 36.69 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

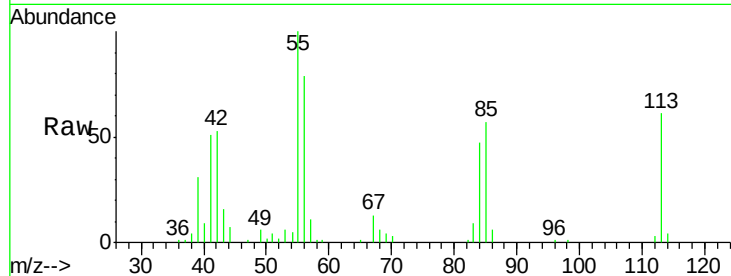
Tot Ion:113 Resp: 33760

Ion Ratio Lower Upper

113 100

55 162.9 158.6 198.6

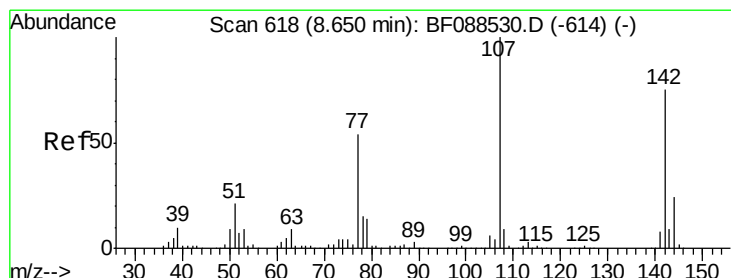
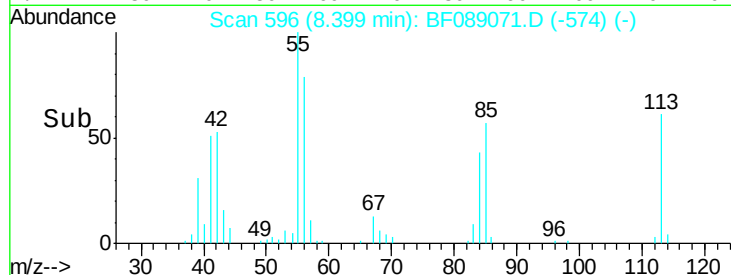
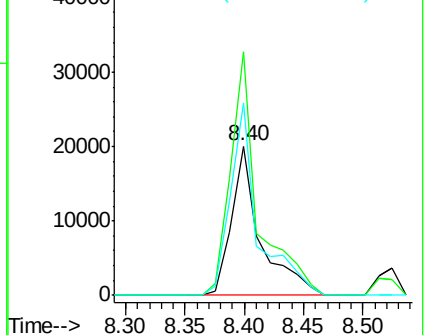
56 128.6 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.59 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

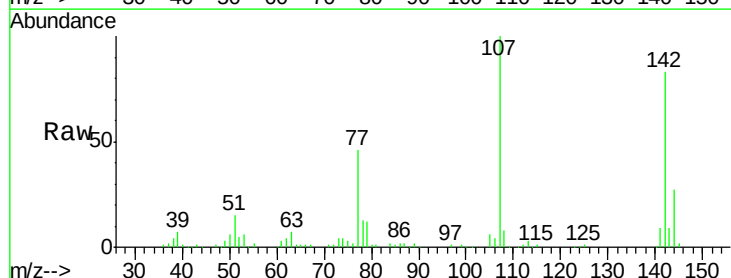
Tgt Ion:107 Resp: 142863

Ion Ratio Lower Upper

107 100

144 27.2 20.8 31.2

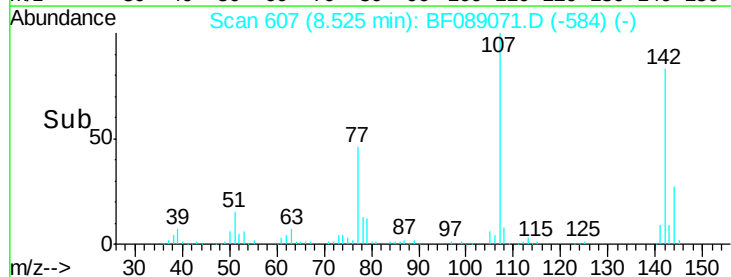
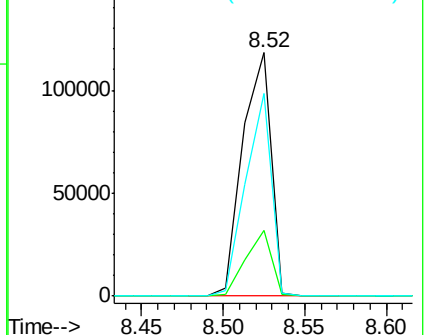
142 83.3 63.4 95.2

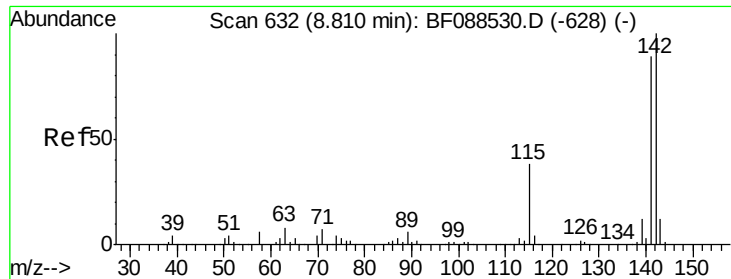


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

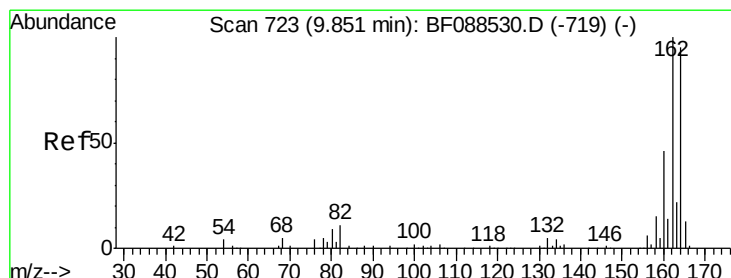
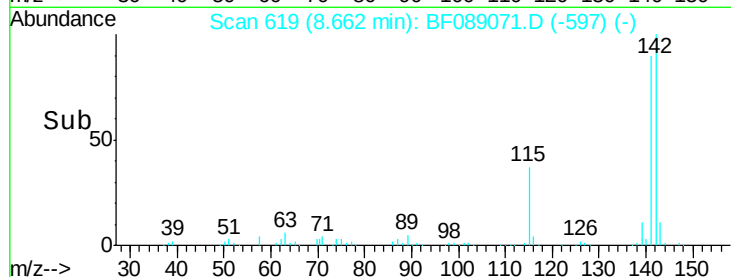
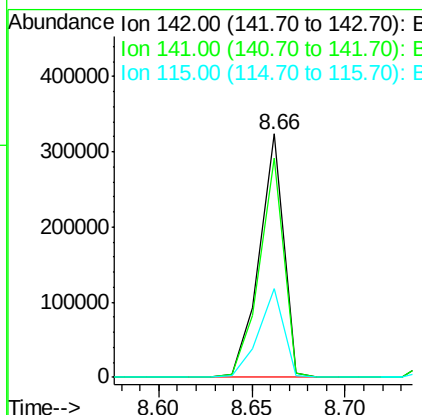
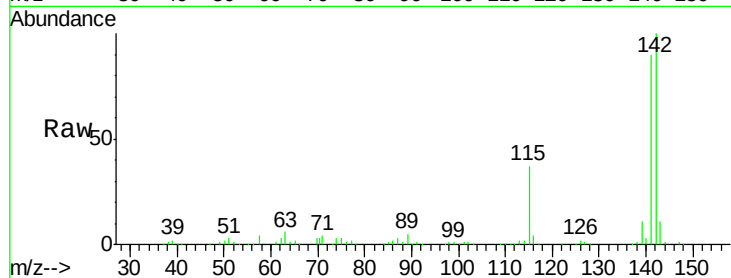




#37
 2-Methylnaphthalene
 Concen: 45.08 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

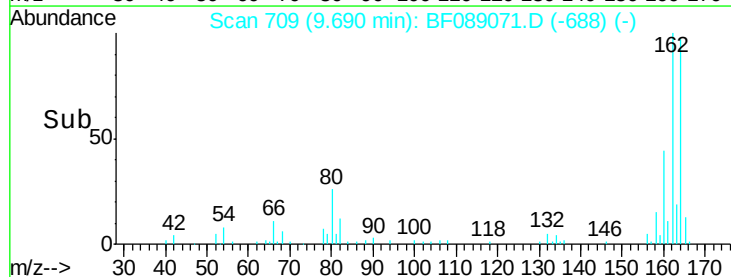
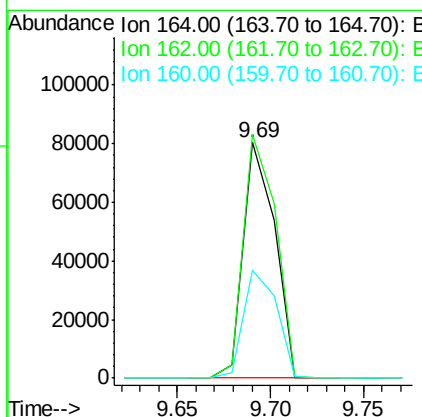
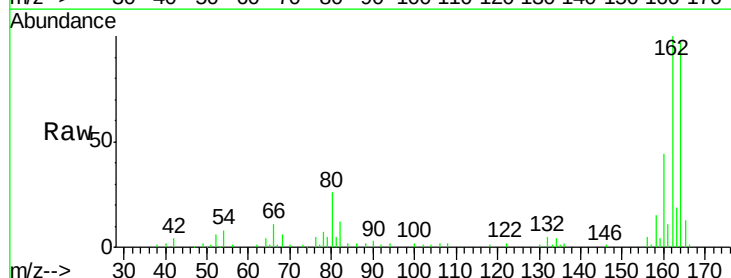
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

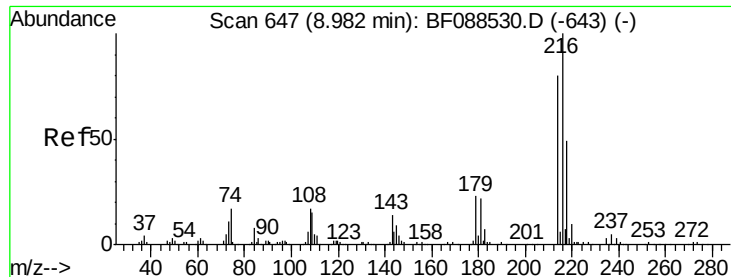
Tot Ion:142 Resp: 291969
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 36.5 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:164 Resp: 95346
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.4 128.2
 160 45.9 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.32 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion:216 Resp: 150053

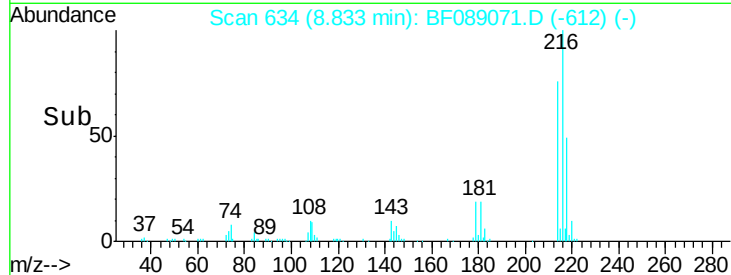
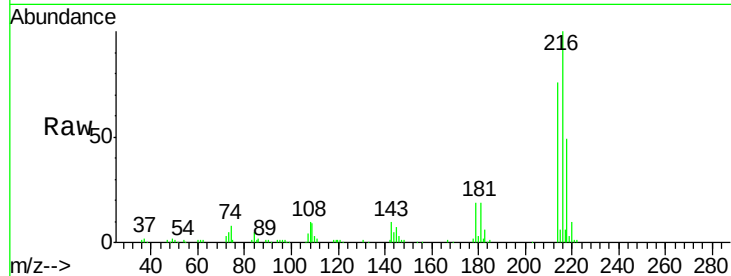
Ion Ratio Lower Upper

216 100

214 77.4 2.9 4.3#

179 22.1 0.0 0.0#

108 19.1 0.5 0.7#

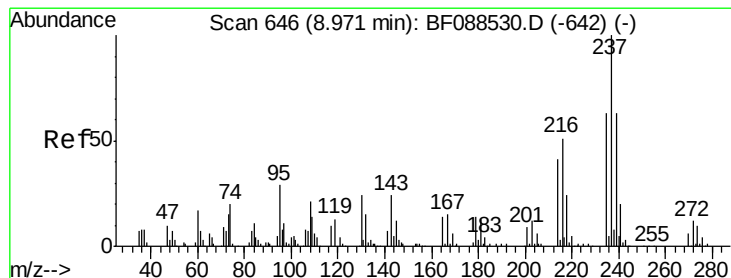
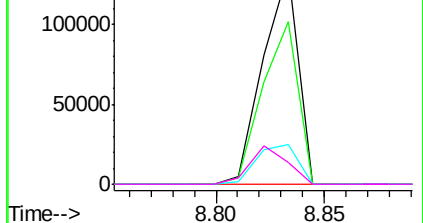


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.59 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

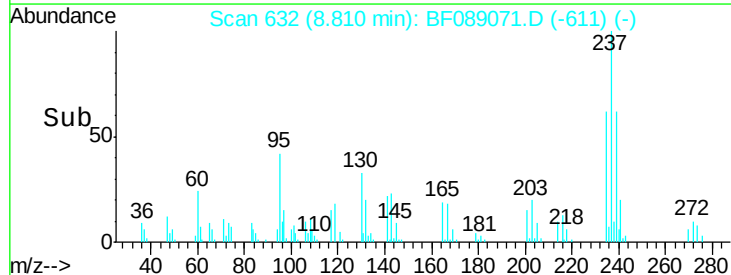
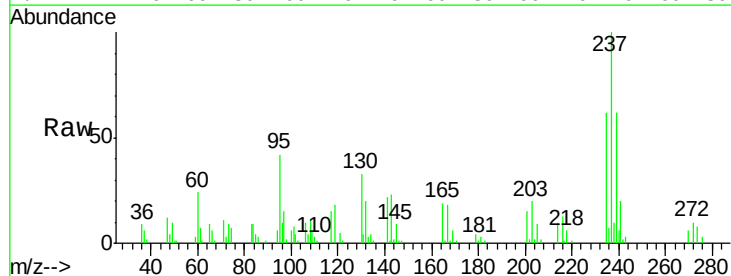
Tgt Ion:237 Resp: 46054

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

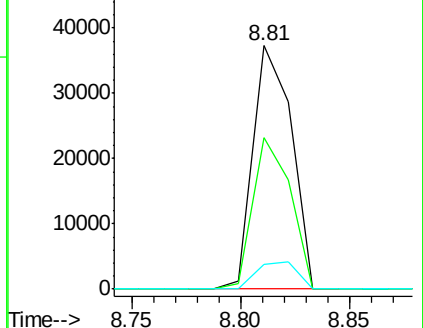
272 10.2 0.0 32.3

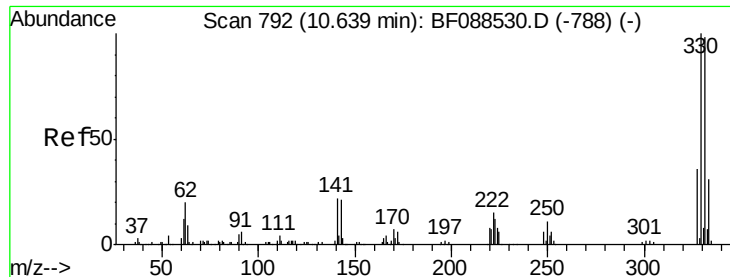


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

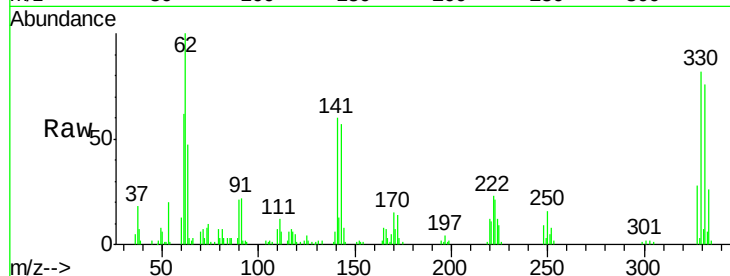




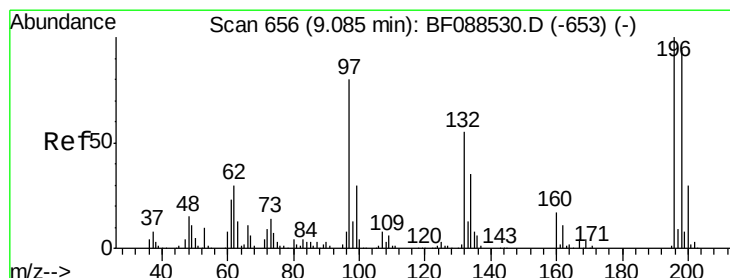
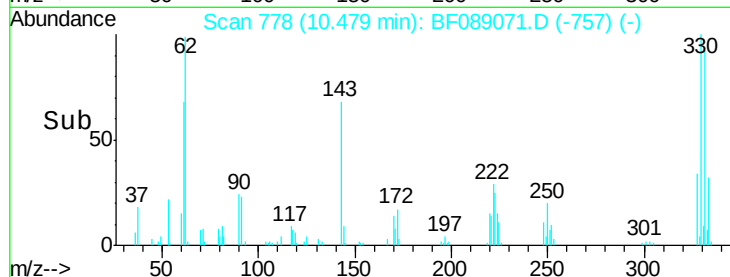
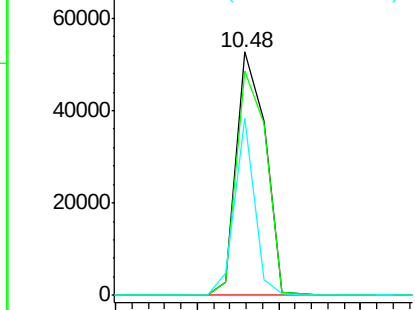
#41
 2,4,6-Tribromophenol
 Concen: 73.34 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:330 Resp: 64932
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 49.6 0.0 0.0#

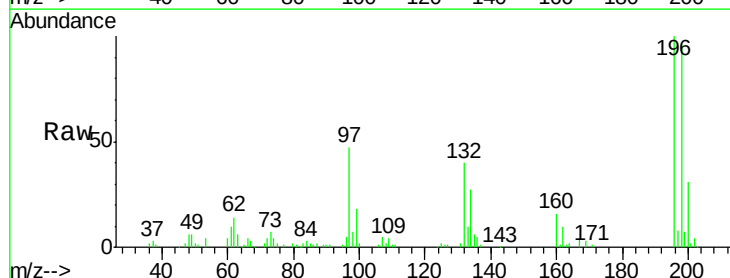


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

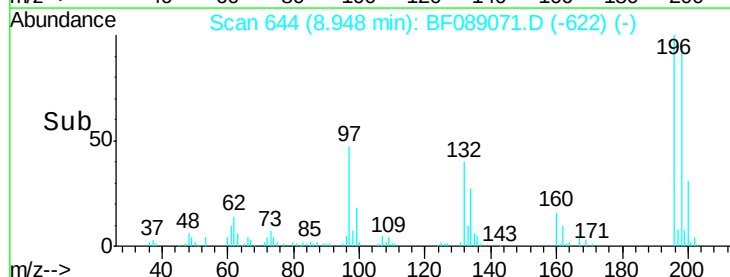
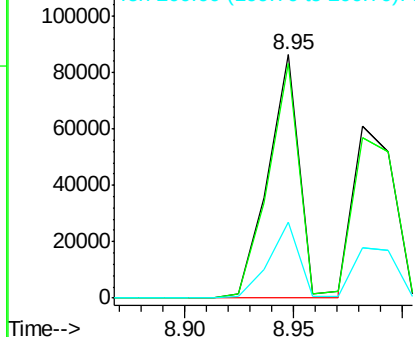


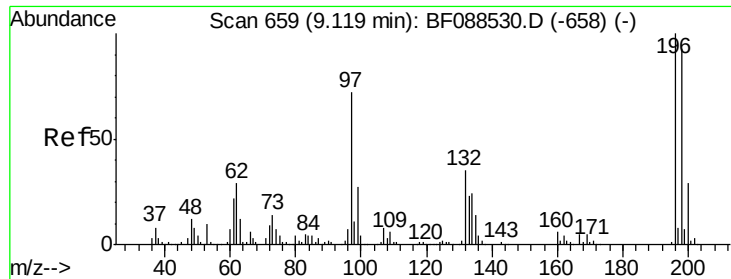
#42
 2,4,6-Trichlorophenol
 Concen: 41.85 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:196 Resp: 87503
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.0 117.0
 200 31.1 25.4 38.2



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

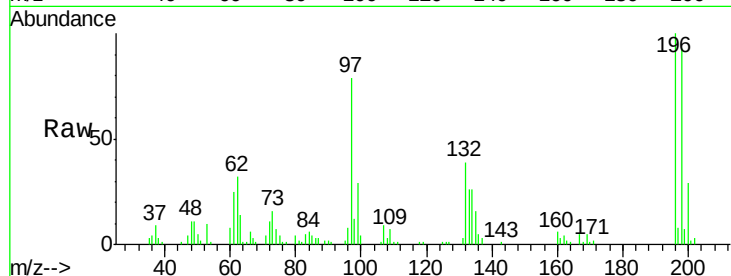




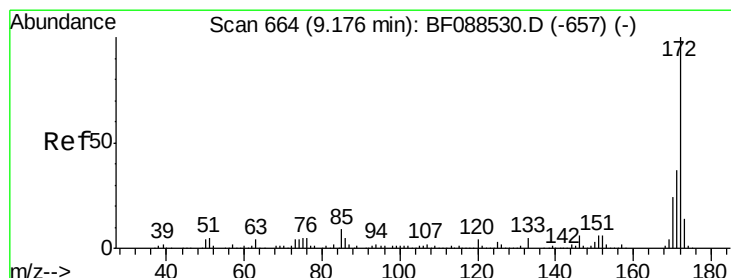
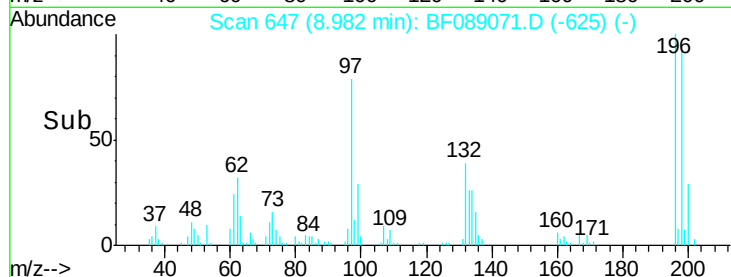
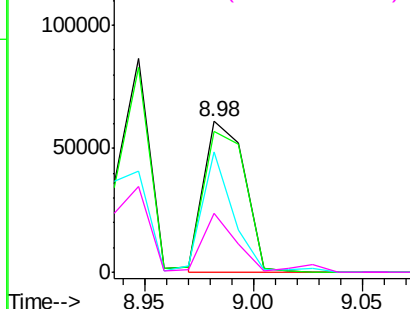
#43
 2,4,5-Trichlorophenol
 Concen: 43.95 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:196 Resp: 79070
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.5 116.3
 97 79.4 32.0 48.0#
 132 38.6 20.9 31.3#

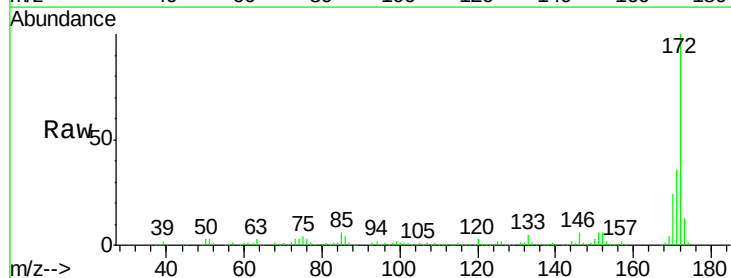


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

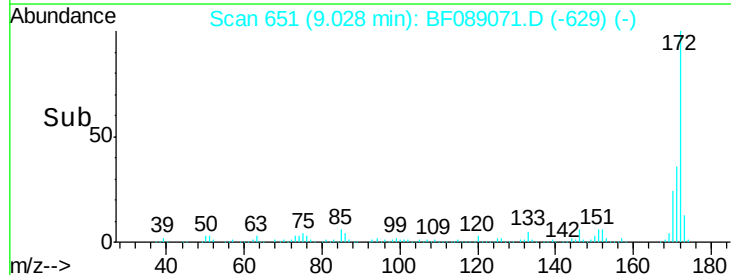
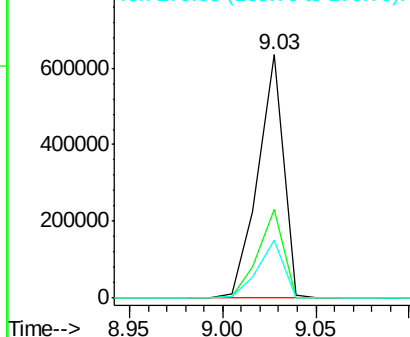


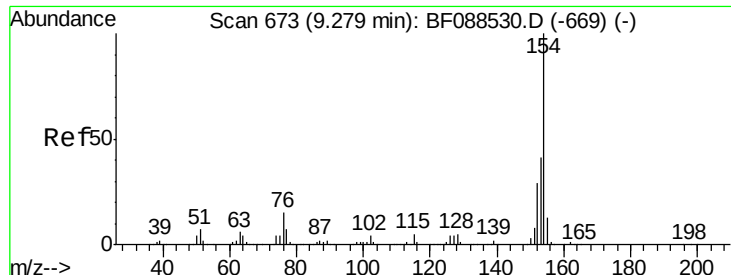
#44
 2-Fluorobiphenyl
 Concen: 99.69 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:172 Resp: 601762
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 23.9 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: 43.15 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

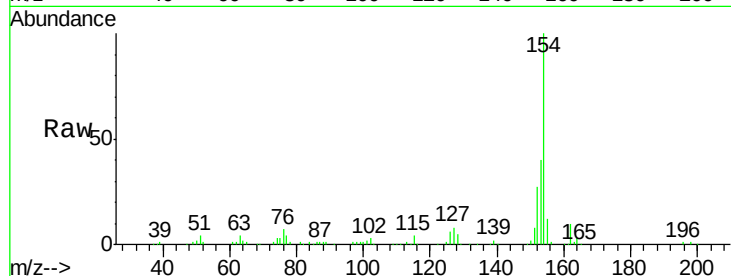
Tot Ion:154 Resp: 340662

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

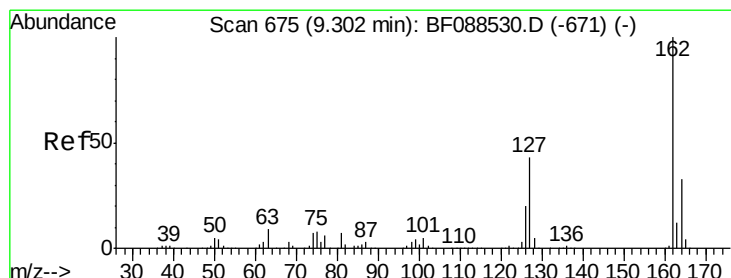
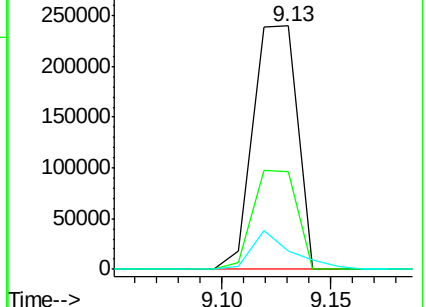
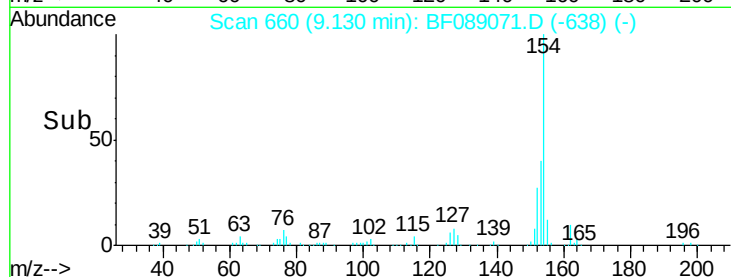
76 7.4 0.0 35.1



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): E



#46

2-Chloronaphthalene

Concen: 40.78 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

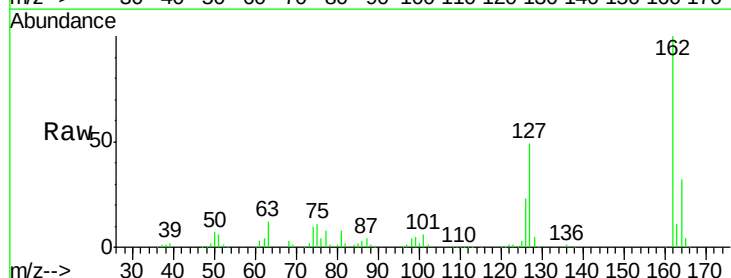
Tgt Ion:162 Resp: 252777

Ion Ratio Lower Upper

162 100

127 48.8 35.2 52.8

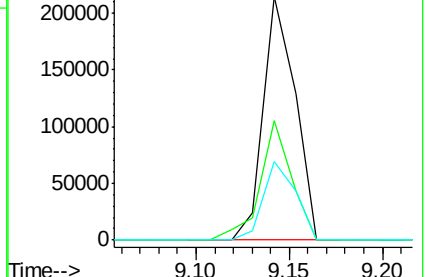
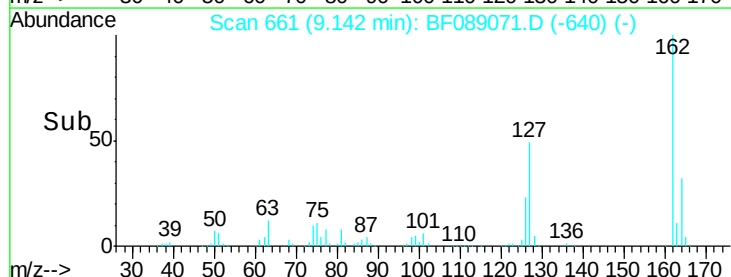
164 32.0 26.6 39.8

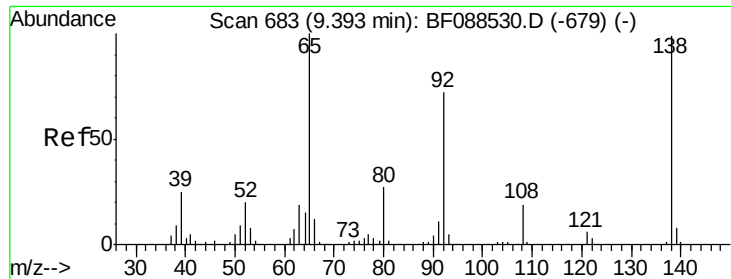


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

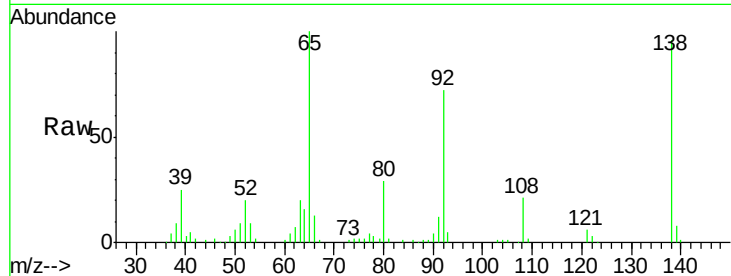




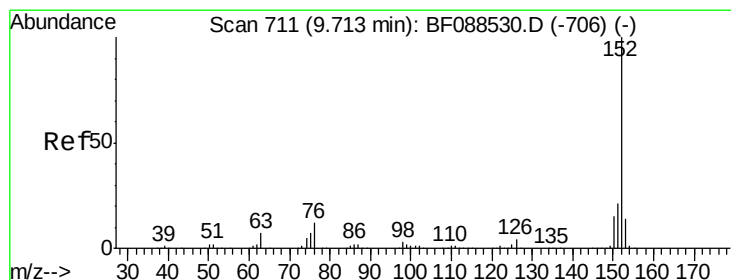
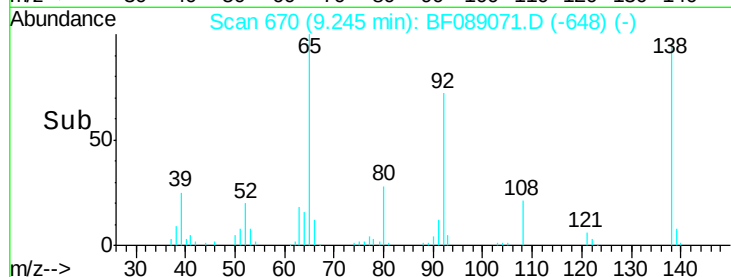
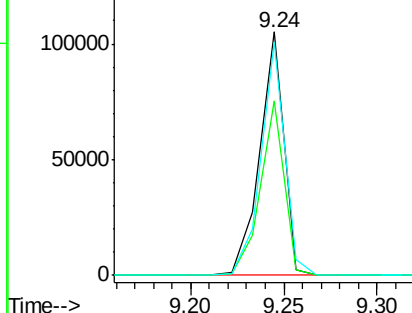
#47
2-Nitroaniline
Concen: 42.51 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion: 65 Resp: 93516
Ion Ratio Lower Upper
65 100
92 71.7 54.6 82.0
138 95.7 77.0 115.4

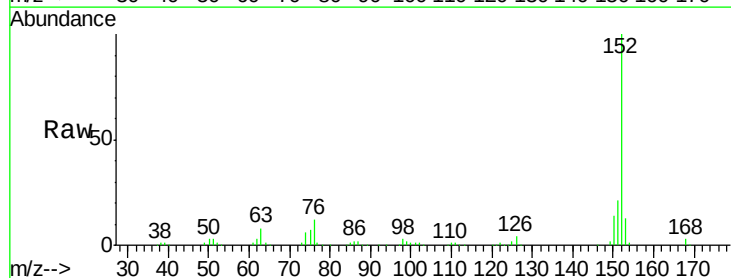


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

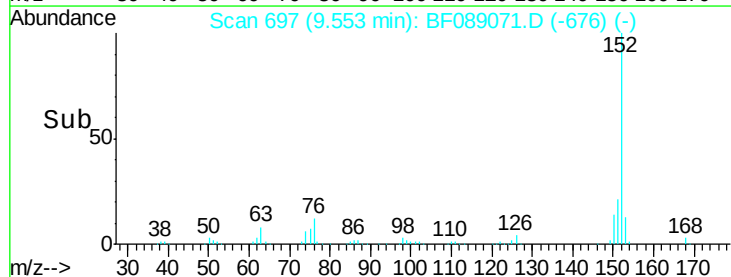
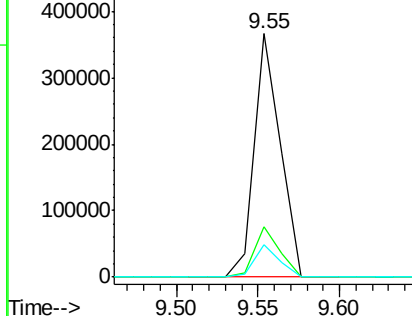


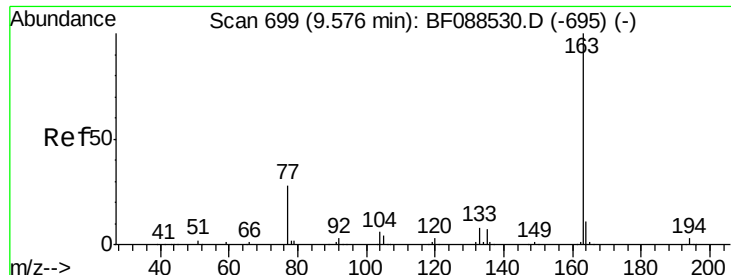
#48
Acenaphthylene
Concen: 40.88 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion: 152 Resp: 403137
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 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: 42.30 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

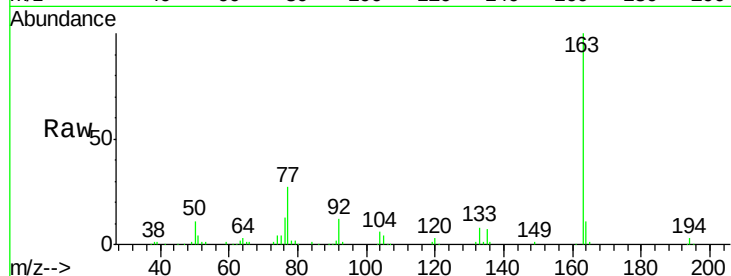
Tot Ion:163 Resp: 287312

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

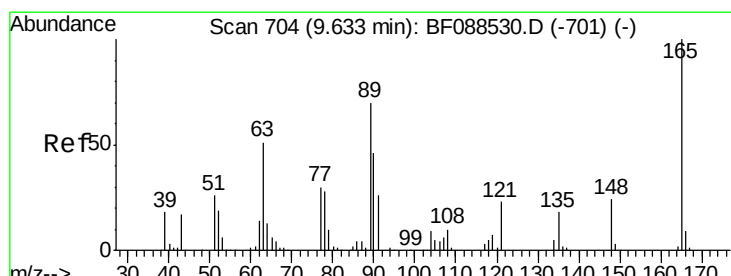
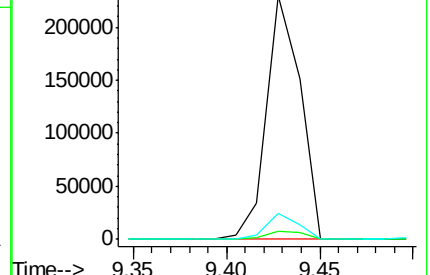
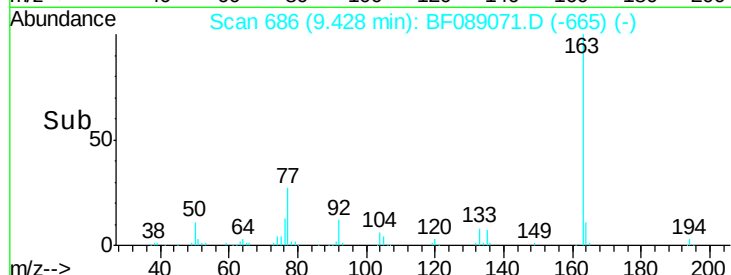
164 10.5 8.3 12.5



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: 45.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

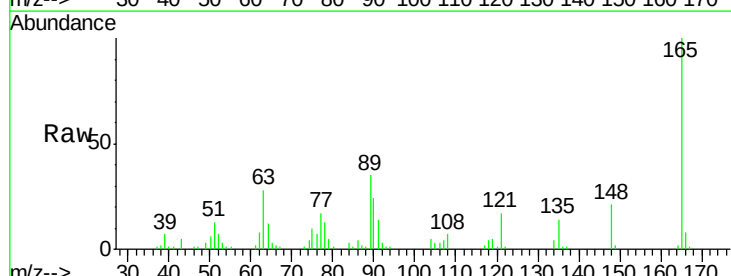
Tgt Ion:165 Resp: 67745

Ion Ratio Lower Upper

165 100

63 27.9 28.1 42.1#

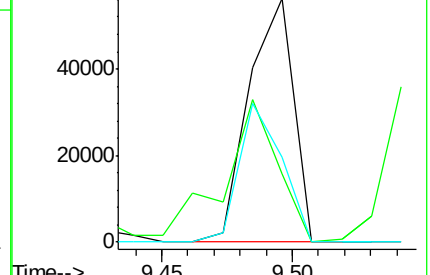
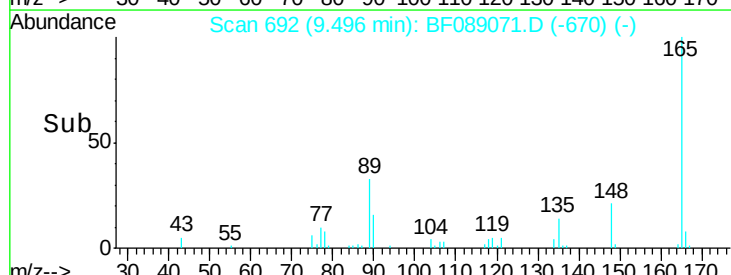
89 34.8 32.2 48.2

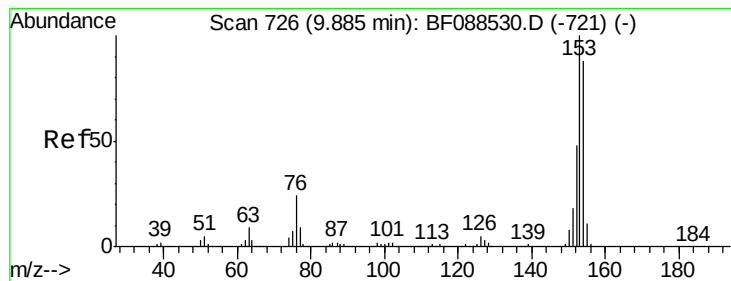


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.61 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

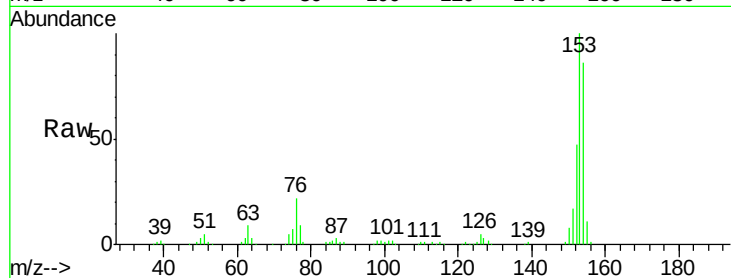
Tot Ion:154 Resp: 233410

Ion Ratio Lower Upper

154 100

153 116.0 89.5 134.3

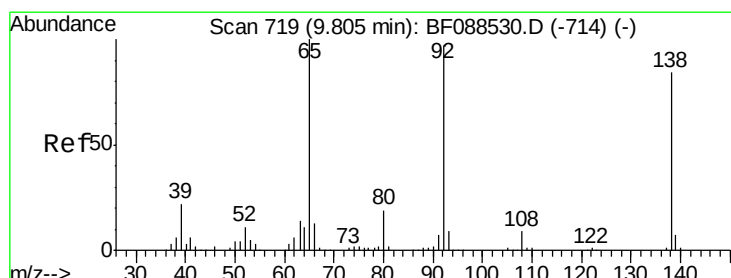
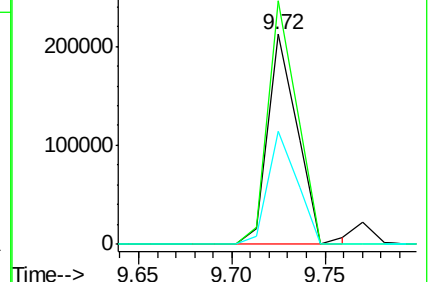
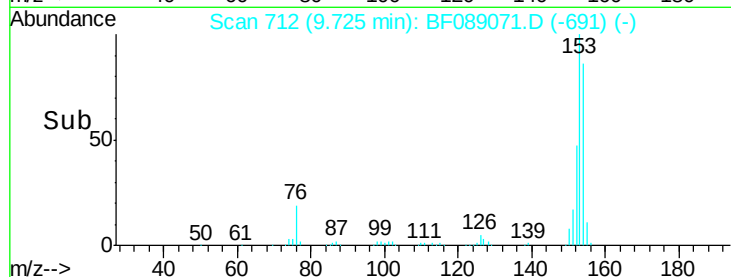
152 54.1 42.7 64.1



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: 38.81 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

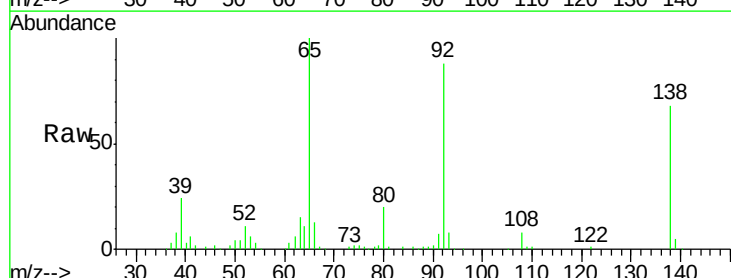
Tgt Ion:138 Resp: 74278

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

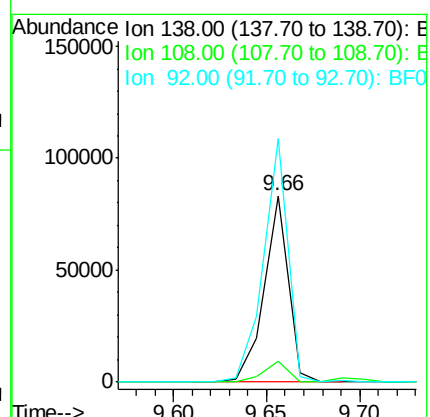
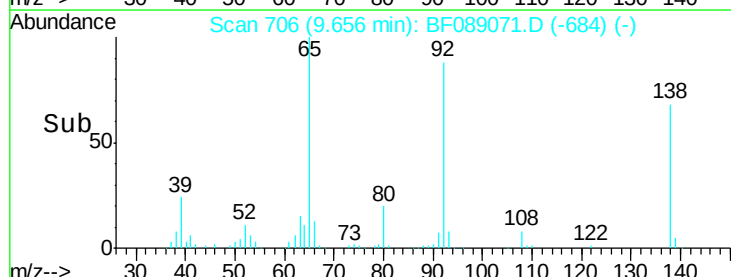
92 130.7 95.7 143.5

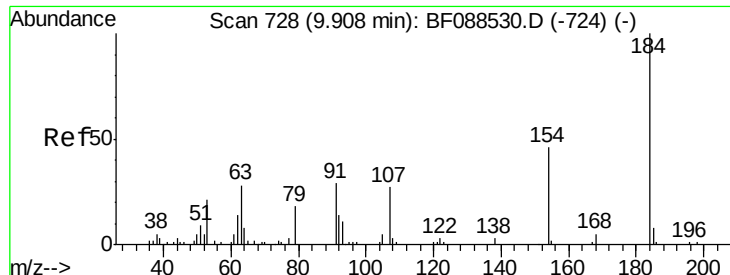


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

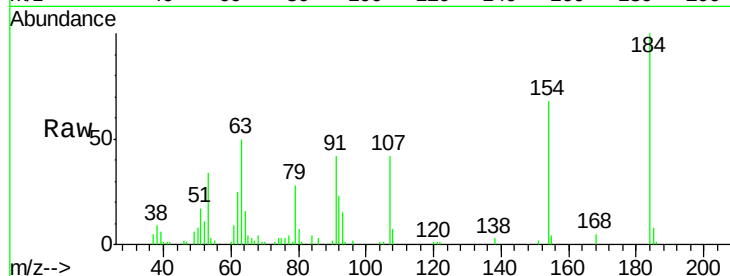




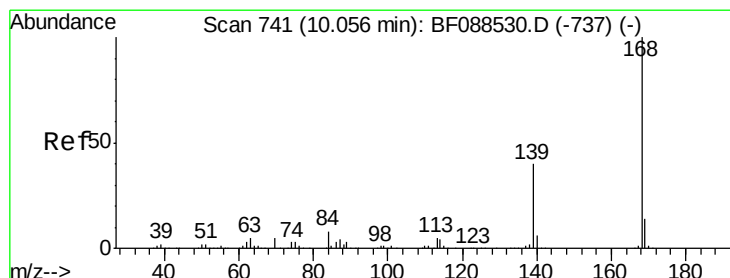
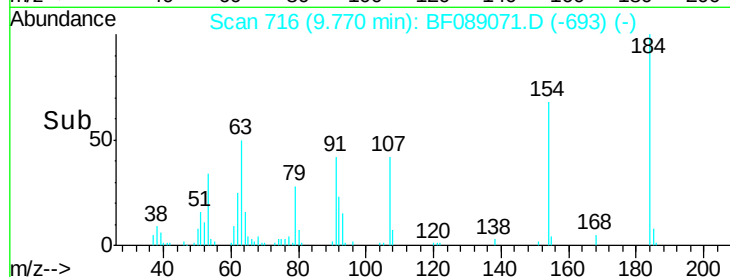
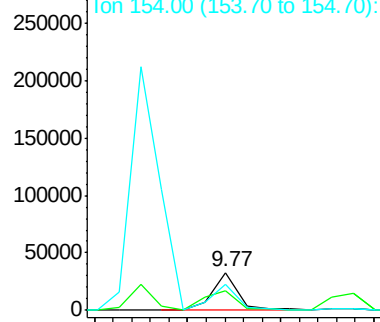
#53
2,4-Dinitrophenol
Concen: 48.57 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:184 Resp: 32288
Ion Ratio Lower Upper
184 100
63 50.3 57.6 86.4#
154 68.4 53.5 80.3

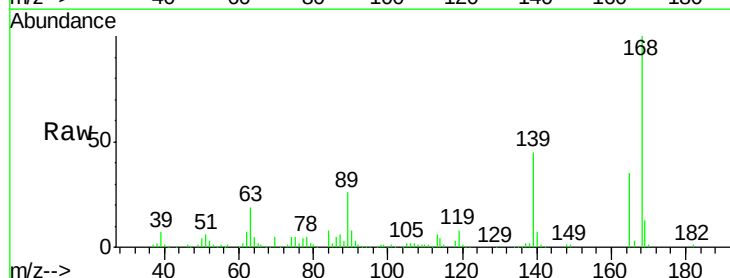


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

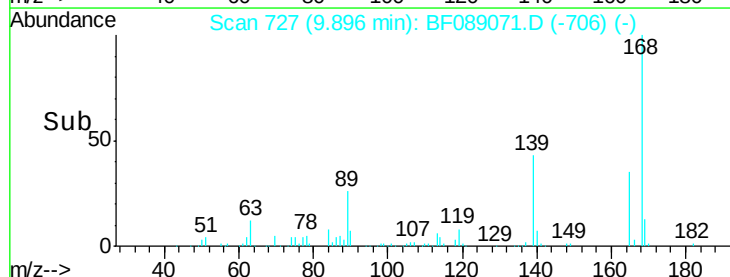
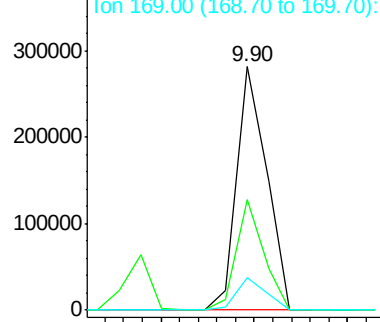


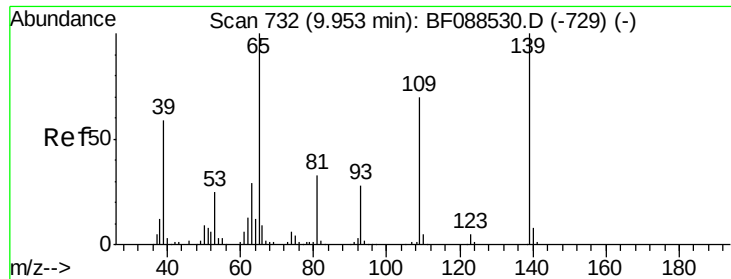
#54
Dibenzofuran
Concen: 39.33 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:168 Resp: 311211
Ion Ratio Lower Upper
168 100
139 45.4 26.4 39.6#
169 13.4 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

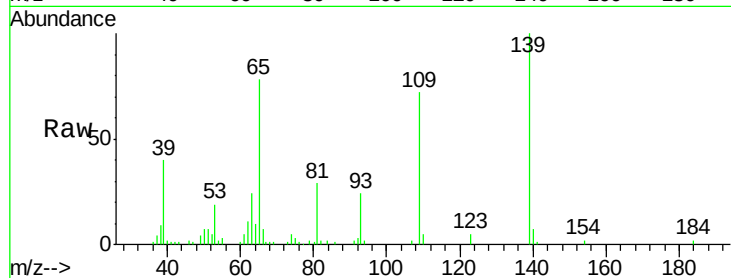




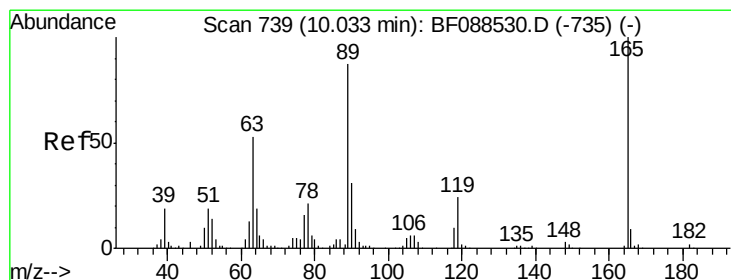
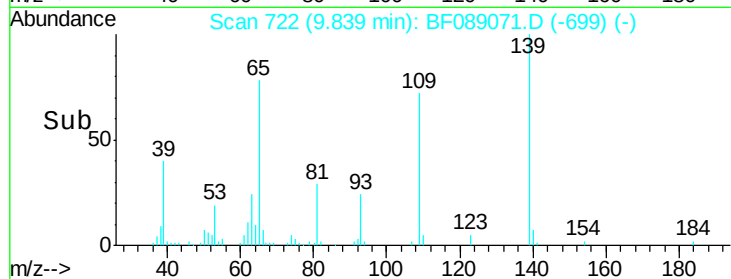
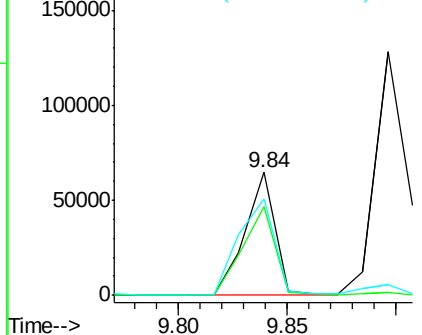
#55
4-Nitrophenol
Concen: 43.08 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:139 Resp: 62653
Ion Ratio Lower Upper
139 100
109 72.2 48.9 88.9
65 78.5 84.9 124.9#

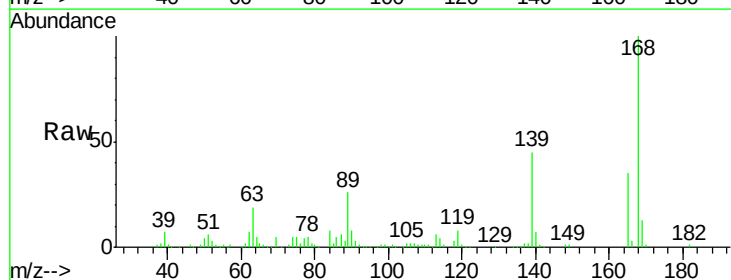


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

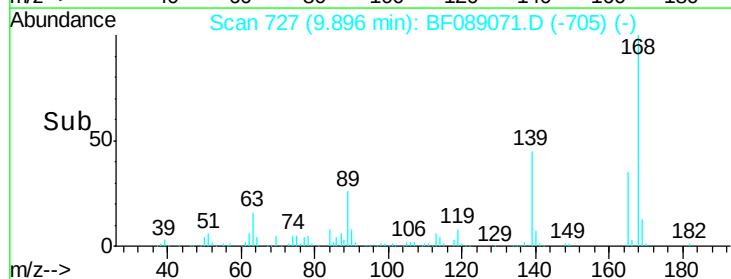
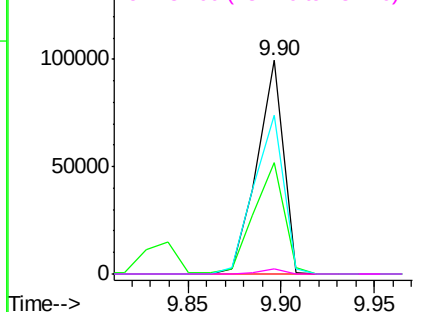


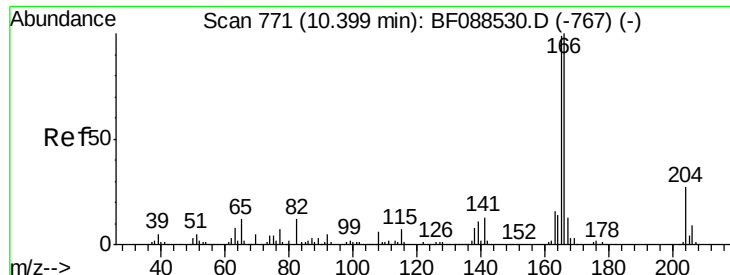
#56
2,4-Dinitrotoluene
Concen: 49.46 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:165 Resp: 97347
Ion Ratio Lower Upper
165 100
63 52.4 22.0 33.0#
89 74.2 41.1 61.7#
182 2.5 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

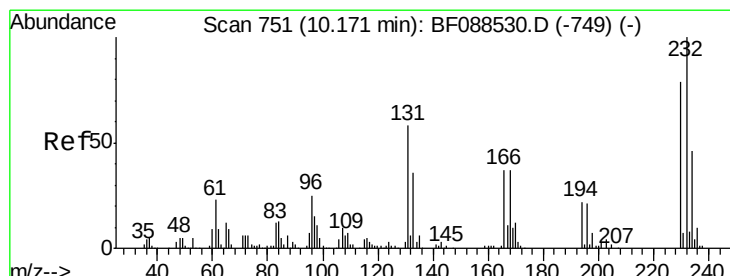
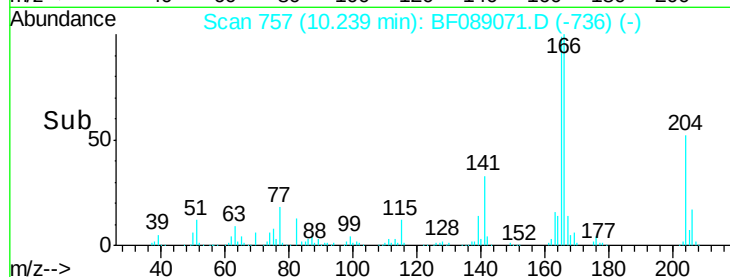
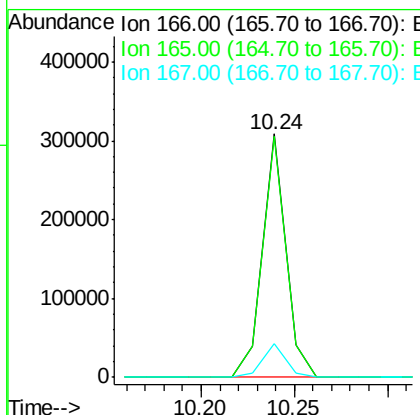
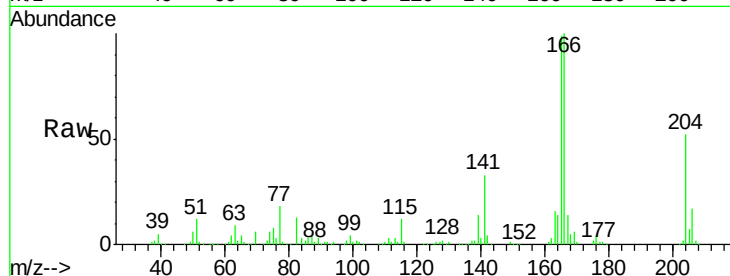




#57
 Fluorene
 Concen: 43.88 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

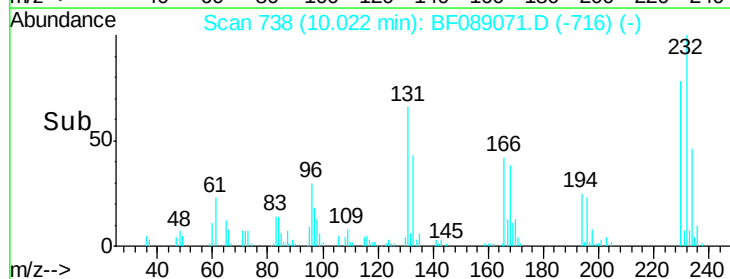
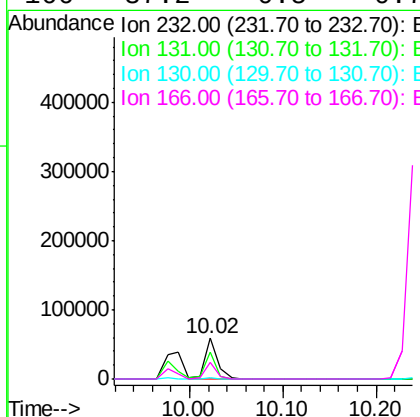
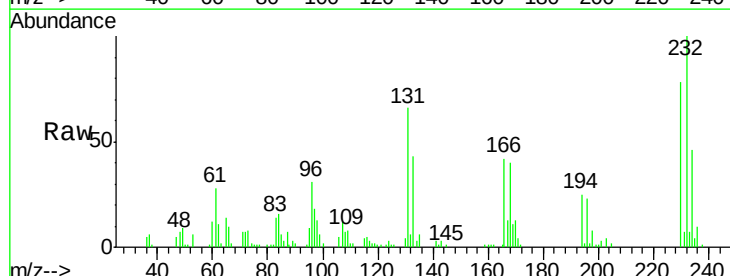
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

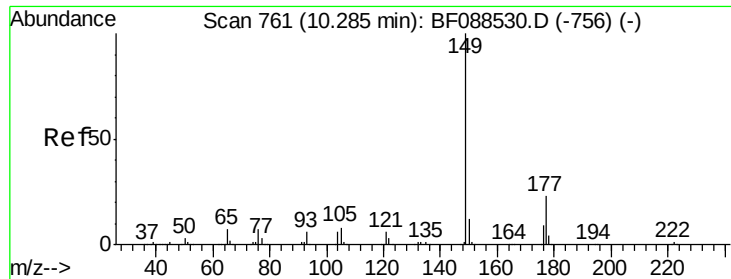
Tot Ion:166 Resp: 267547
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.8 116.8
 167 13.7 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.44 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:232 Resp: 56285
 Ion Ratio Lower Upper
 232 100
 131 59.1 0.9 1.3#
 130 2.6 1.5 2.3#
 166 37.2 0.5 0.7#

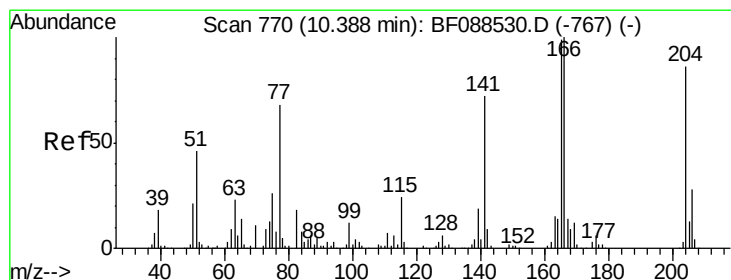
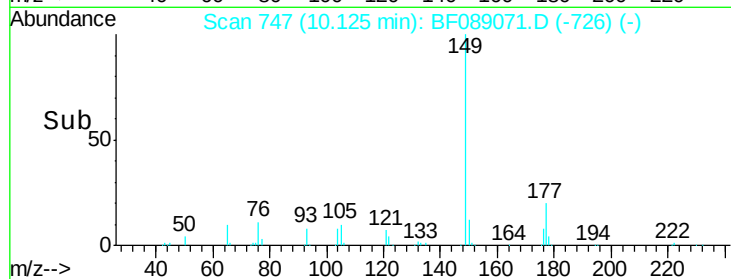
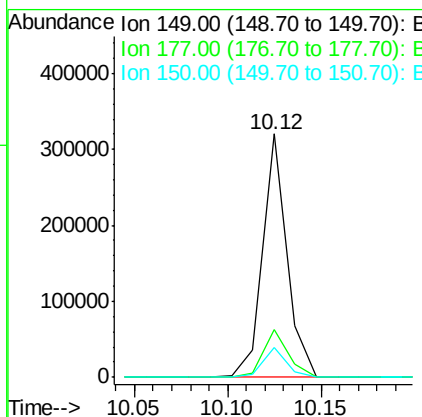
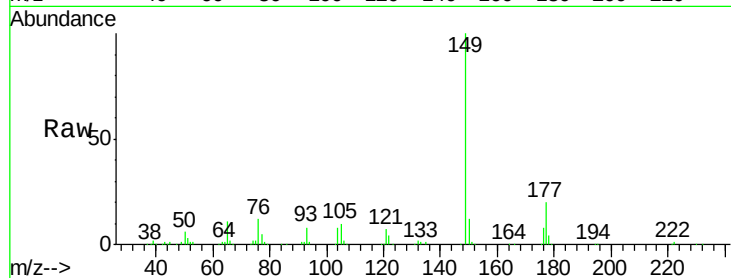




#59
Diethylphthalate
Concen: 42.98 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

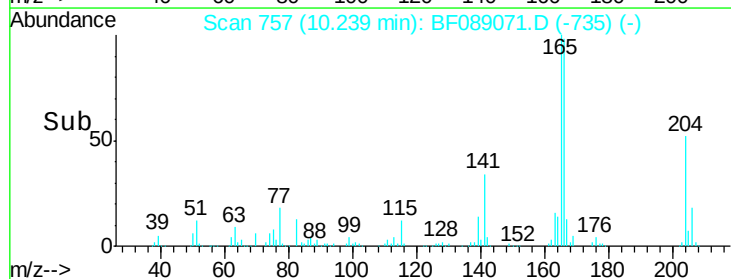
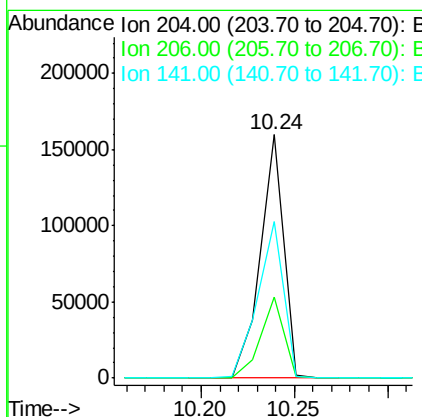
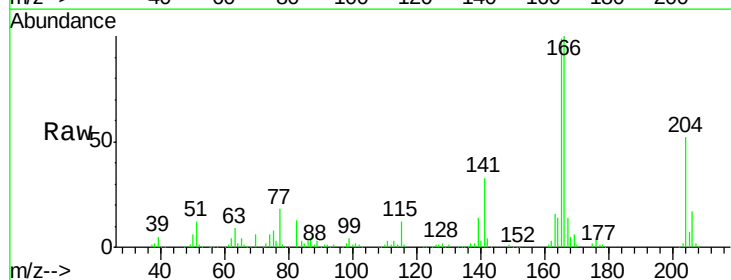
Instrument :
BNA_F
ClientSampleId :
DFTPP

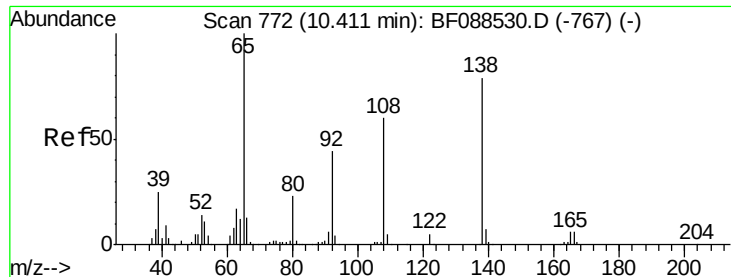
Tot Ion:149 Resp: 292998
Ion Ratio Lower Upper
149 100
177 19.5 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.51 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:204 Resp: 137450
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 64.5 55.0 82.6





#61

4-Nitroaniline

Concen: 47.25 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

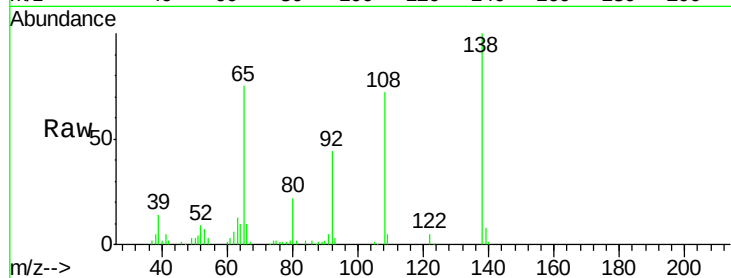
Tot Ion:138 Resp: 87020

Ion Ratio Lower Upper

138 100

92 43.9 27.3 67.3

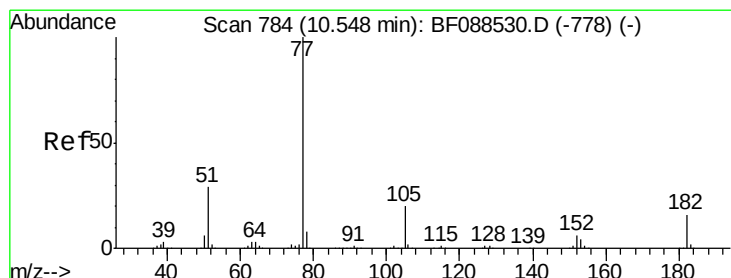
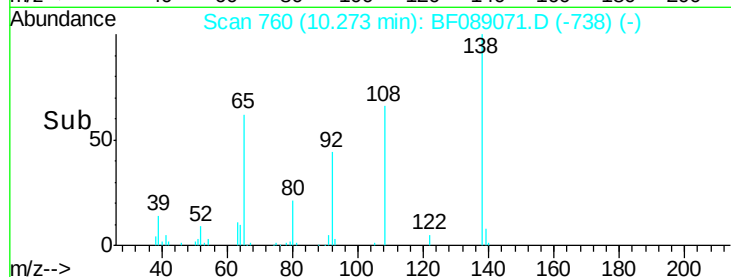
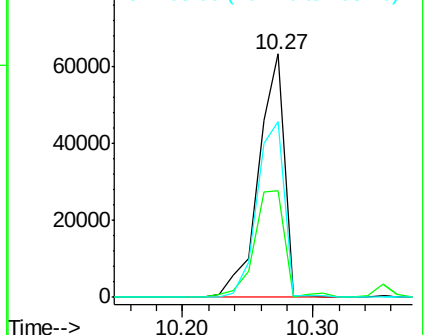
108 72.3 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.63 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Tgt Ion: 77 Resp: 331514

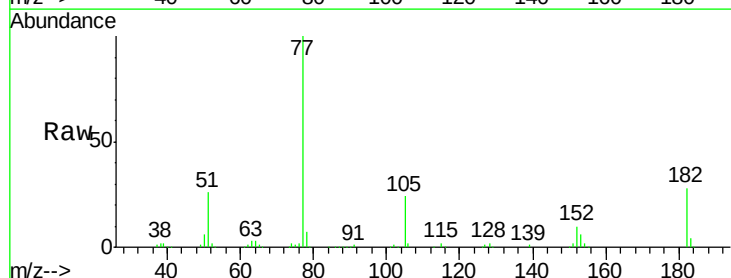
Ion Ratio Lower Upper

77 100

182 28.2 4.4 44.4

105 24.1 3.8 43.8

51 25.9 9.3 49.3

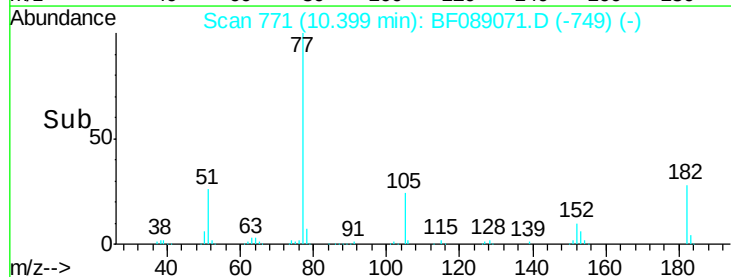
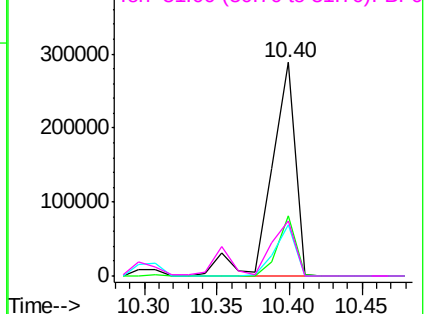


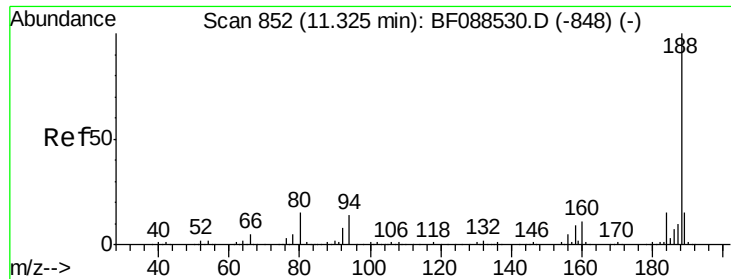
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

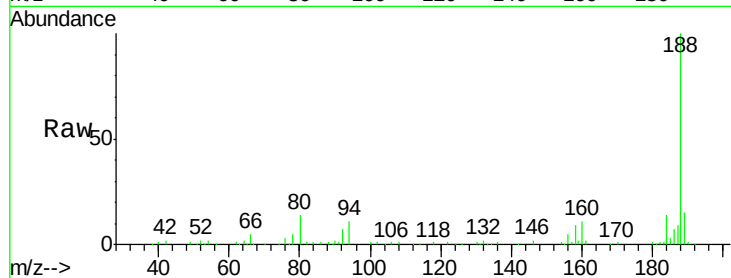




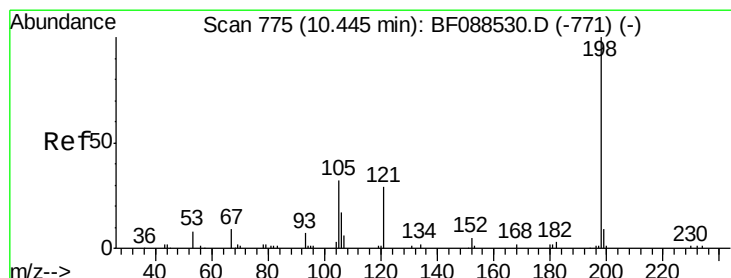
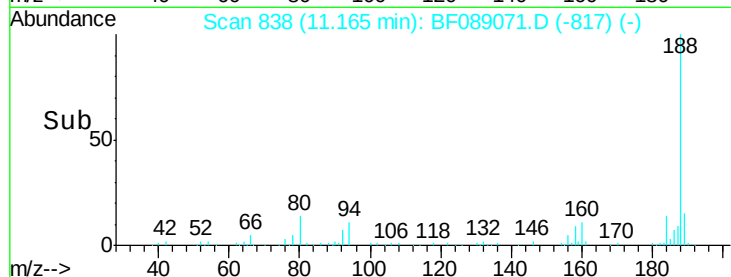
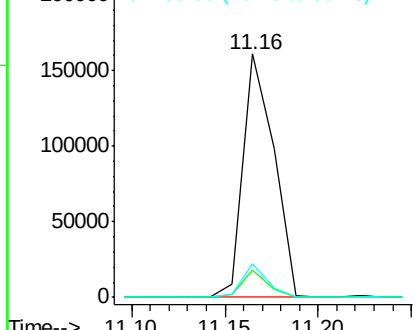
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:188 Resp: 184969
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 13.6 10.0 15.0

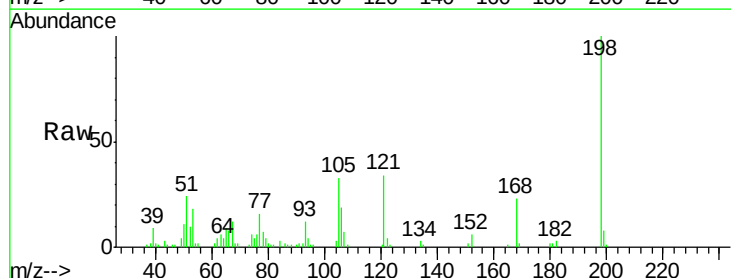


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

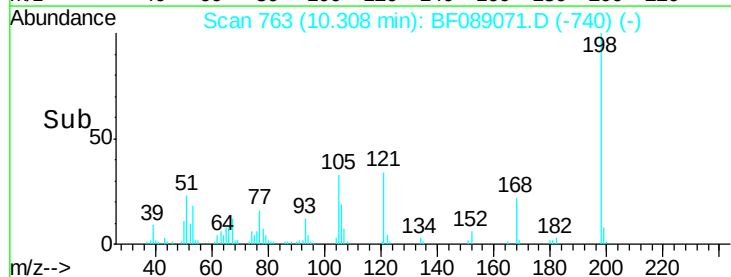
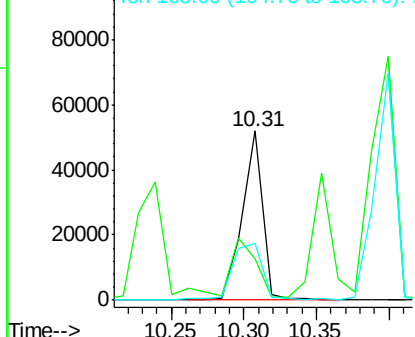


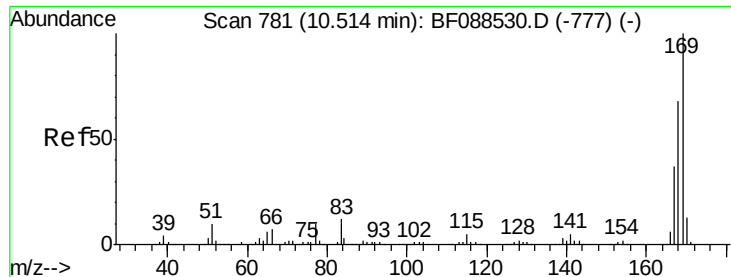
#64
4,6-Dinitro-2-methylphenol
Concen: 51.14 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:198 Resp: 50593
Ion Ratio Lower Upper
198 100
51 24.3 39.6 79.6#
105 33.5 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

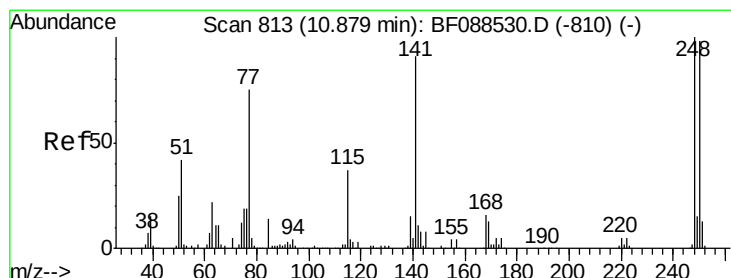
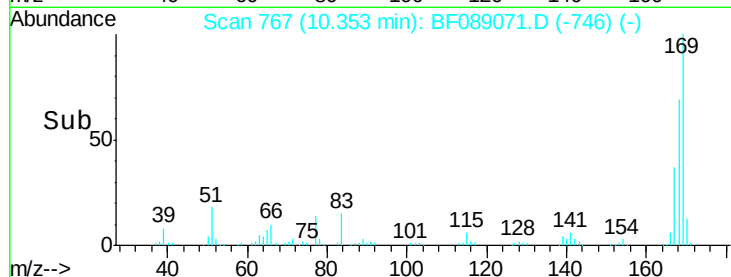
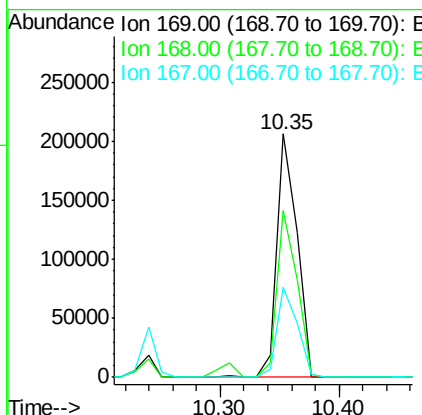
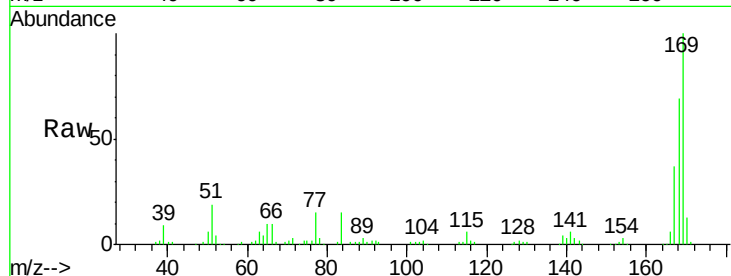




#65
 n-Nitrosodiphenylamine
 Concen: 38.35 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

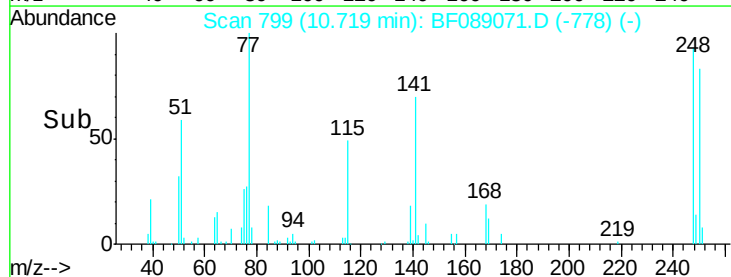
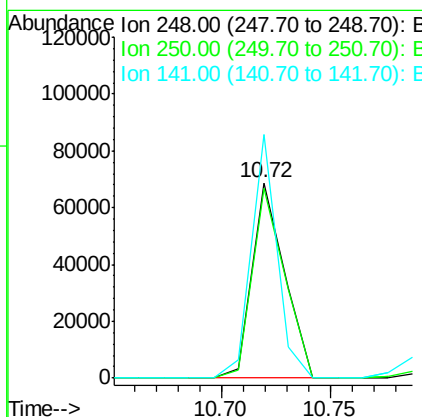
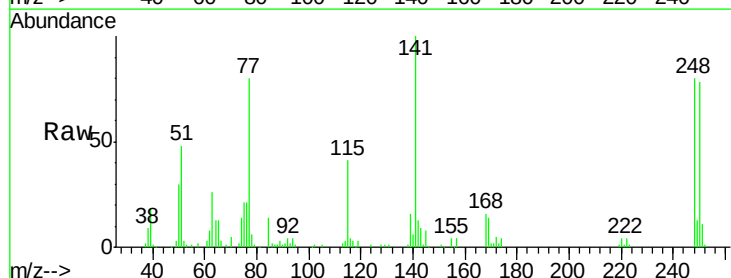
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

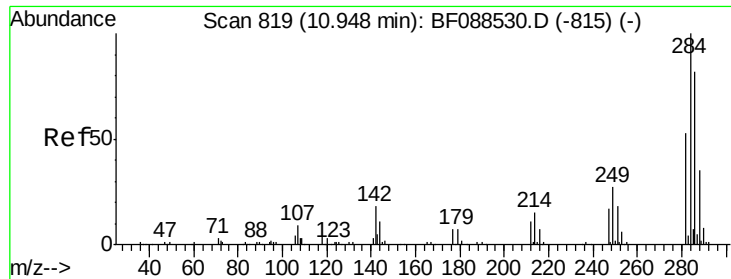
Tot Ion:169 Resp: 240068
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.4 80.0
 167 37.1 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 38.17 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:248 Resp: 71144
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 124.7 50.6 76.0#

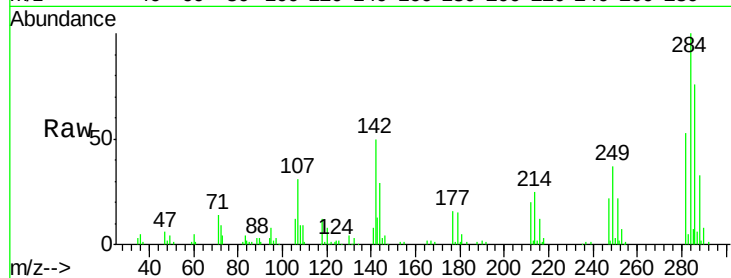




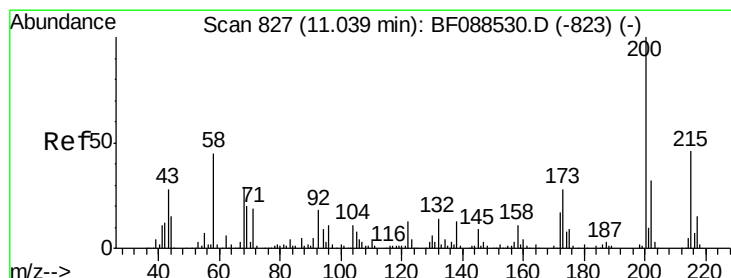
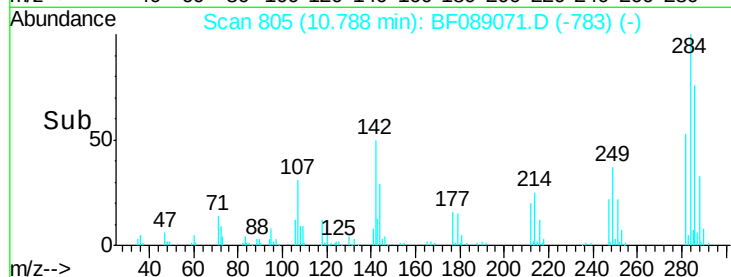
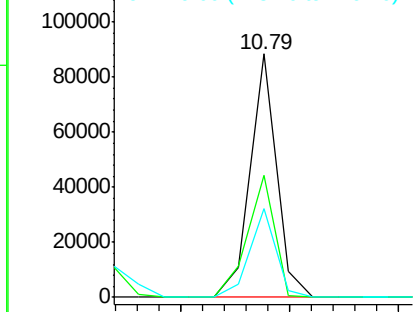
#67
Hexachlorobenzene
Concen: 36.24 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampled :
DFTPP

Tot Ion:284 Resp: 74777
Ion Ratio Lower Upper
284 100
142 49.9 35.8 53.8
249 36.6 25.8 38.6

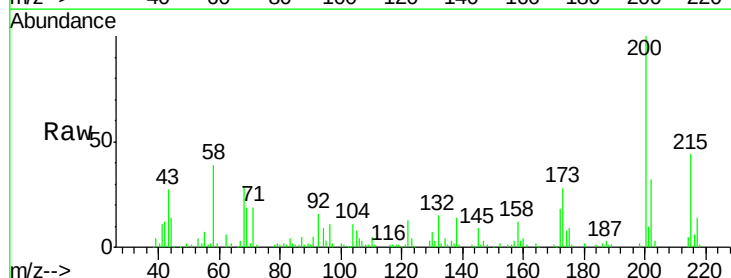


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

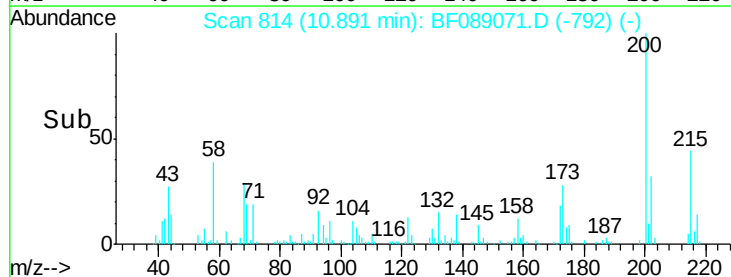
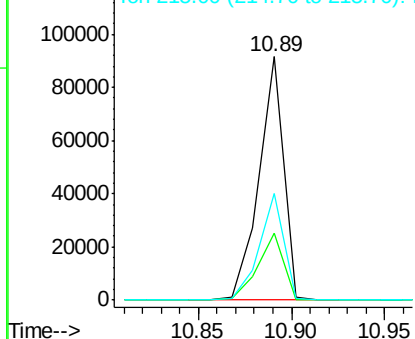


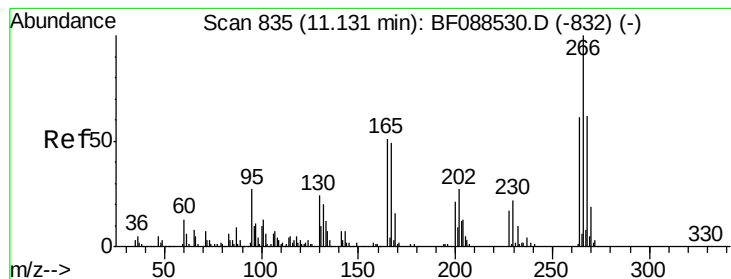
#68
Atrazine
Concen: 42.66 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:200 Resp: 83214
Ion Ratio Lower Upper
200 100
173 27.7 4.0 44.0
215 43.9 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: 30.35 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

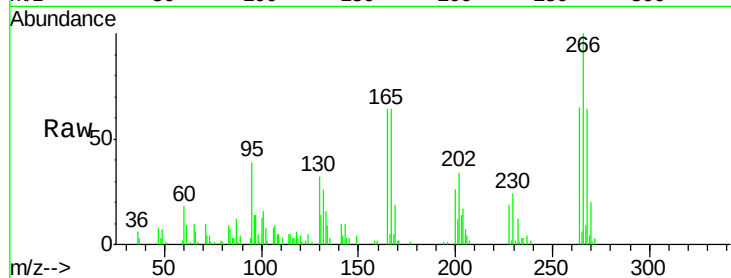
Tot Ion:266 Resp: 37061

Ion Ratio Lower Upper

266 100

268 63.7 52.8 79.2

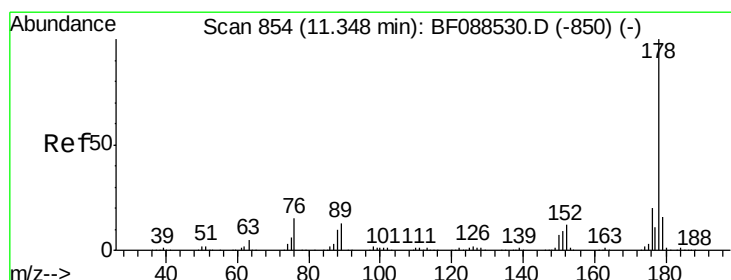
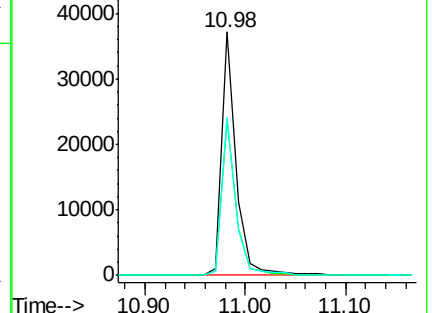
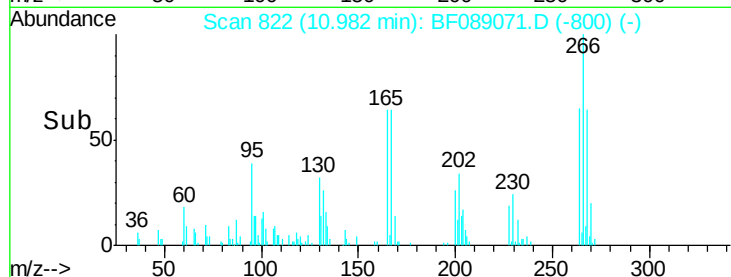
264 64.9 49.6 74.4



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: 43.41 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

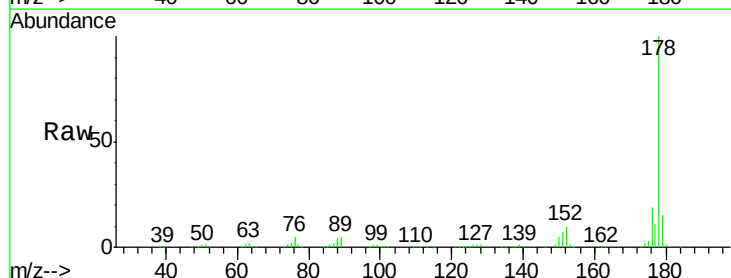
Tgt Ion:178 Resp: 438911

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

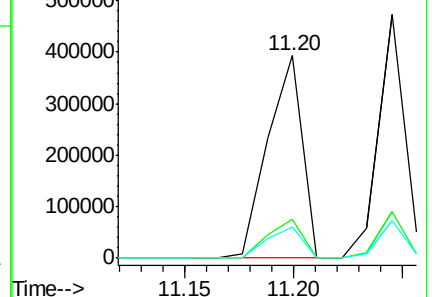
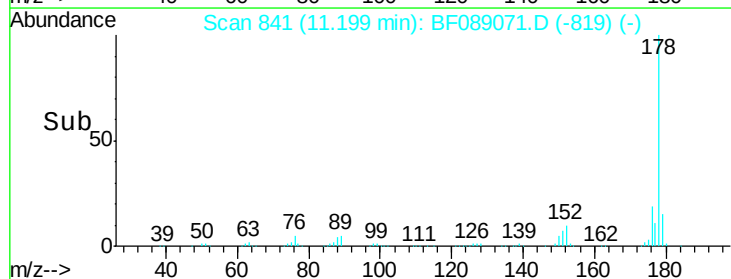
179 15.1 13.0 19.4

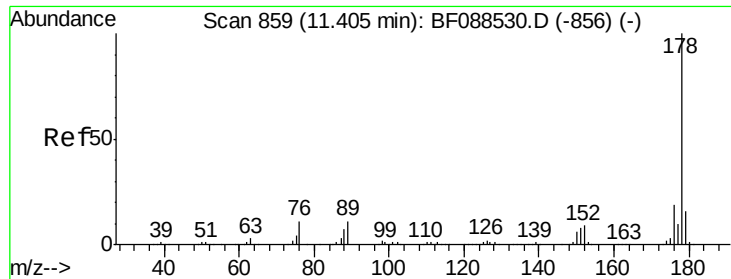


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

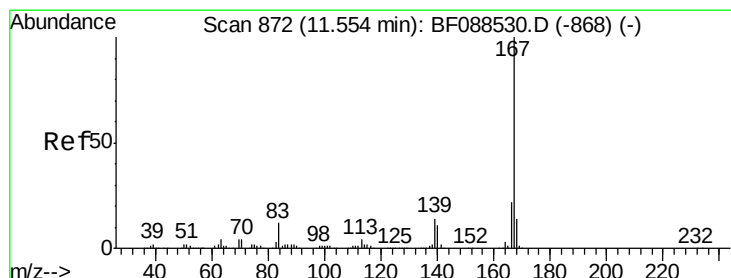
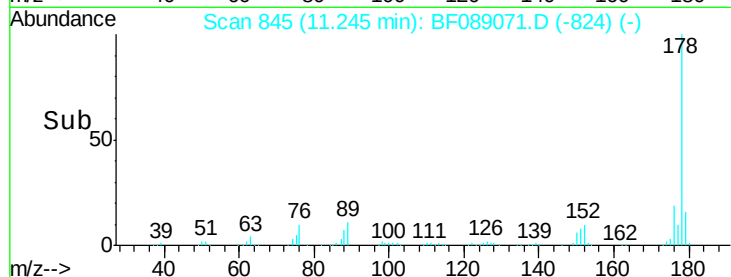
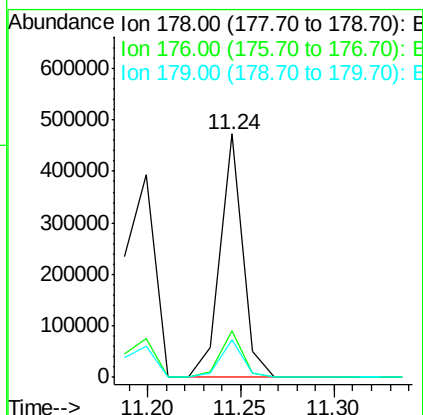
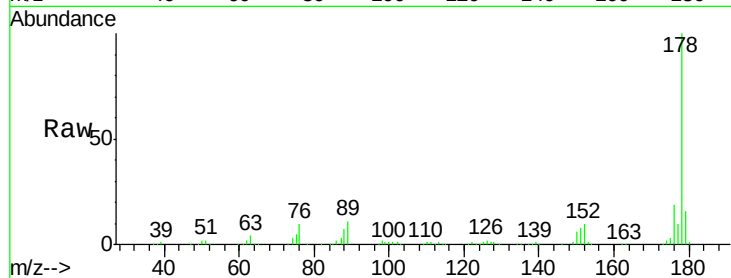




#71
 Anthracene
 Concen: 39.64 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

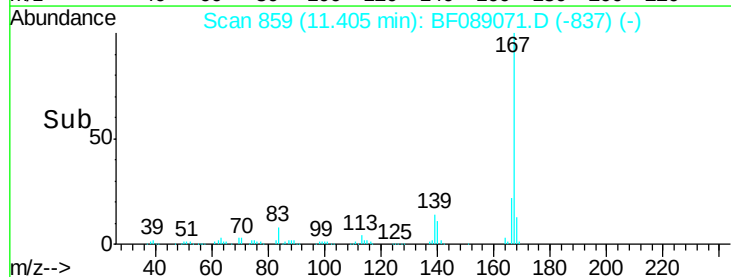
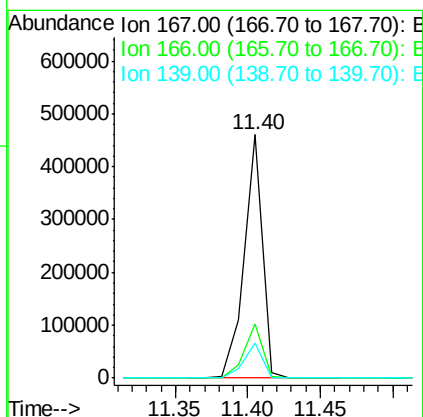
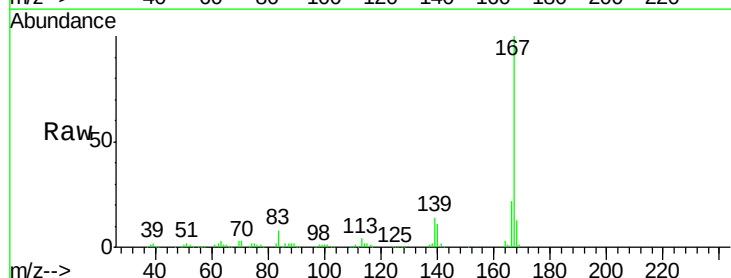
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

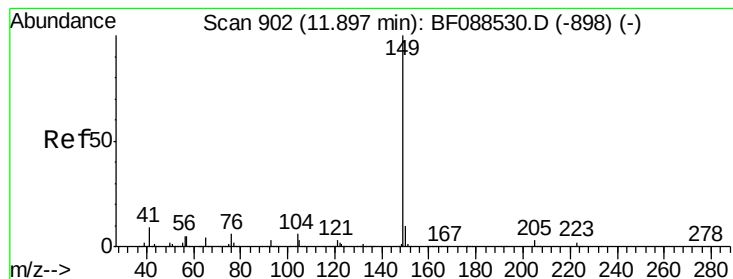
Tot Ion:178 Resp: 398580
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:167 Resp: 401007
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.2 11.2 16.8





#73

Di-n-butylphthalate

Concen: 44.39 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

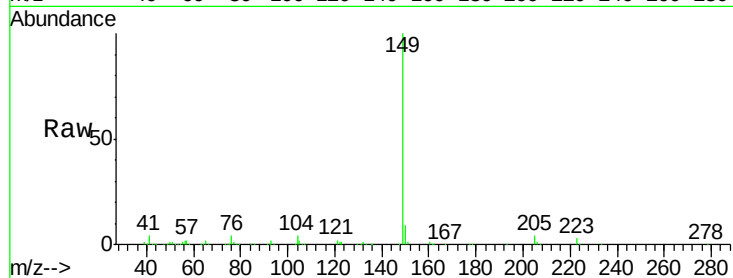
Tot Ion:149 Resp: 488590

Ion Ratio Lower Upper

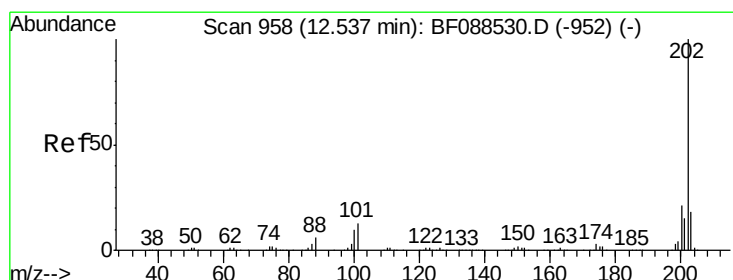
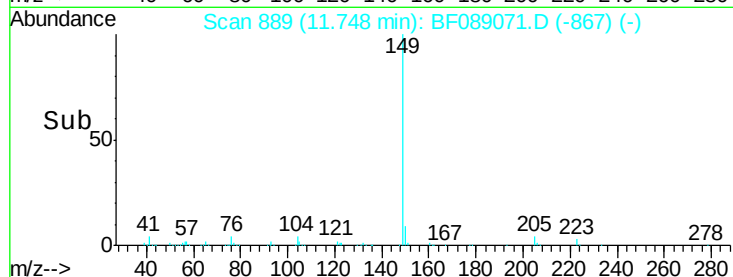
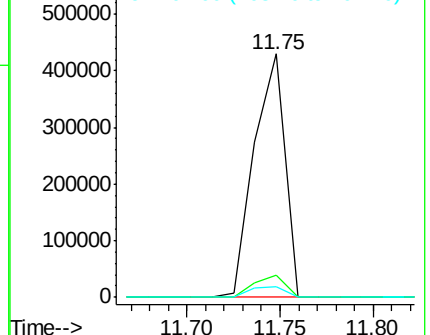
149 100

150 8.9 7.8 11.6

104 4.3 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: 45.30 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

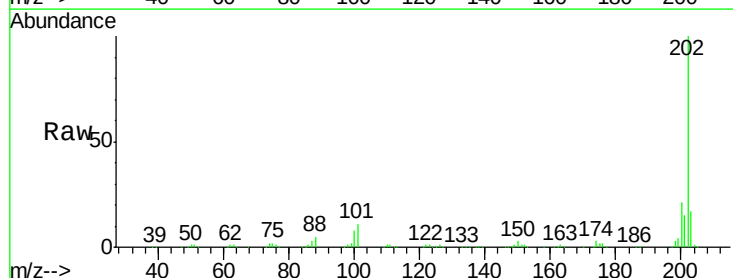
Tgt Ion:202 Resp: 464331

Ion Ratio Lower Upper

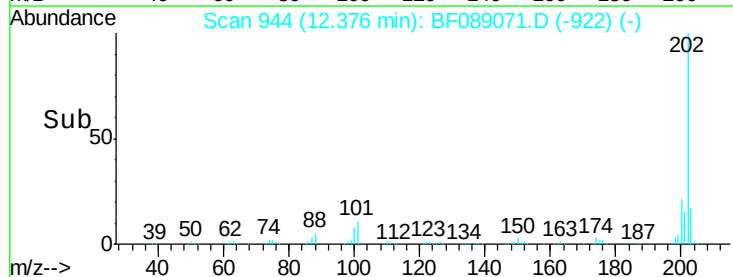
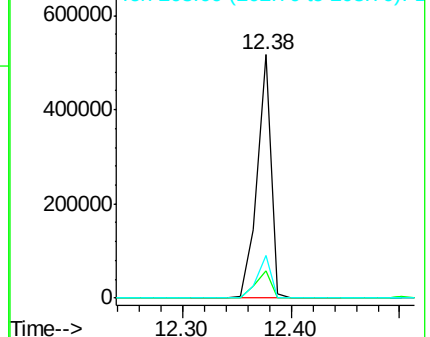
202 100

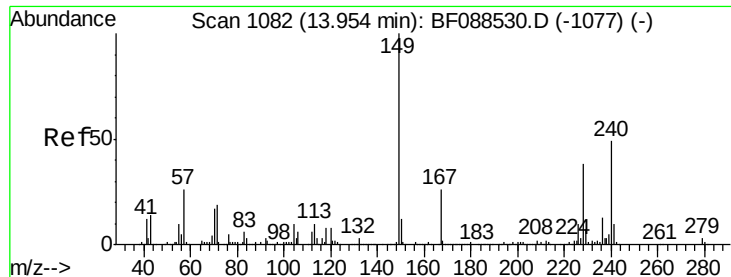
101 11.2 0.0 33.1

203 17.4 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: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

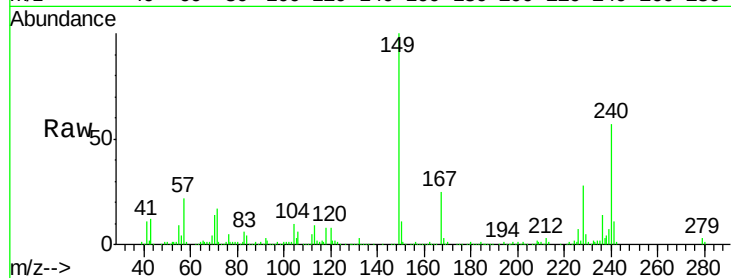
Tot Ion:240 Resp: 135482

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

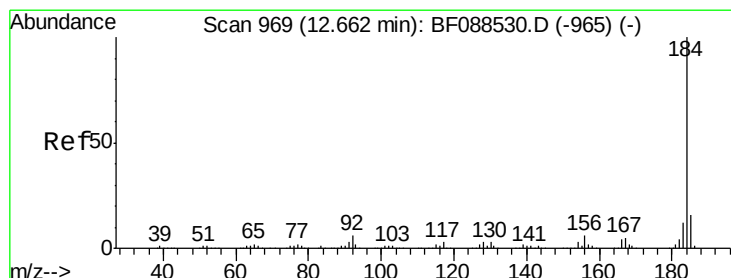
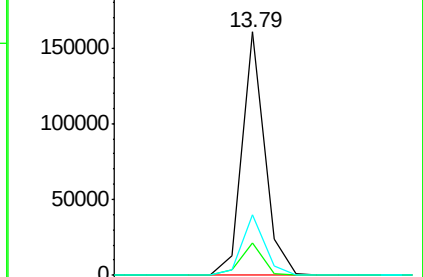
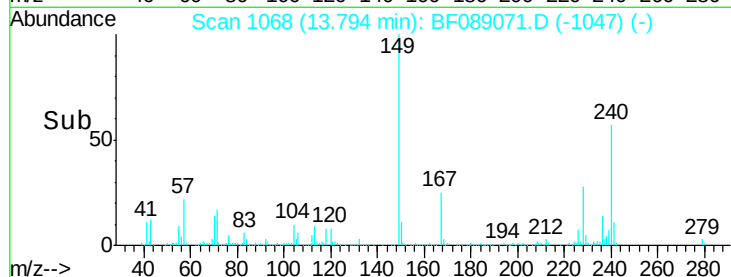
236 24.9 20.2 30.2



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: 53.91 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

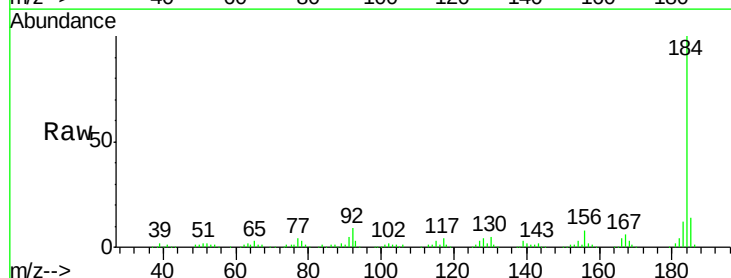
Tgt Ion:184 Resp: 369194

Ion Ratio Lower Upper

184 100

185 13.9 12.5 18.7

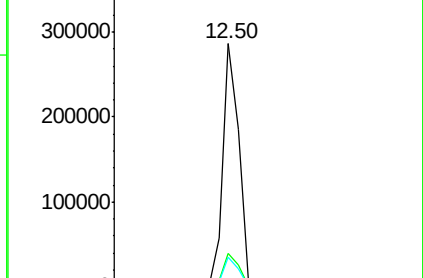
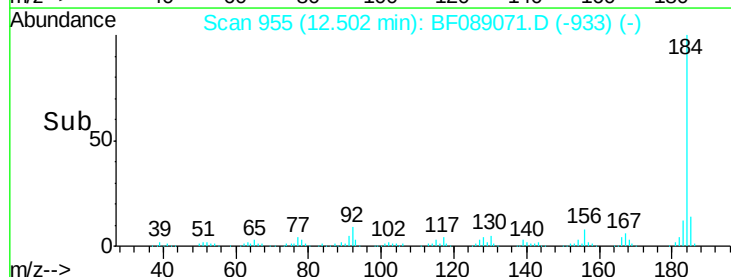
183 12.3 9.3 13.9

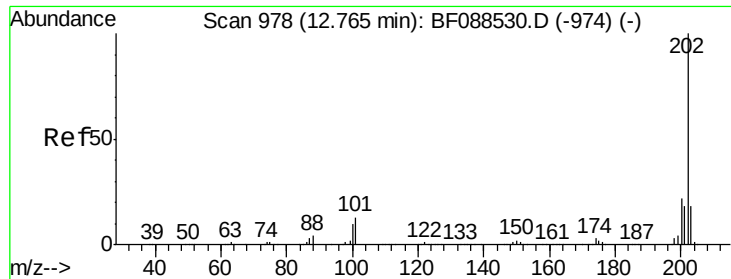


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

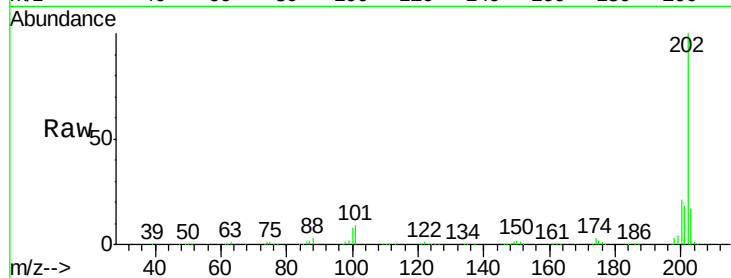




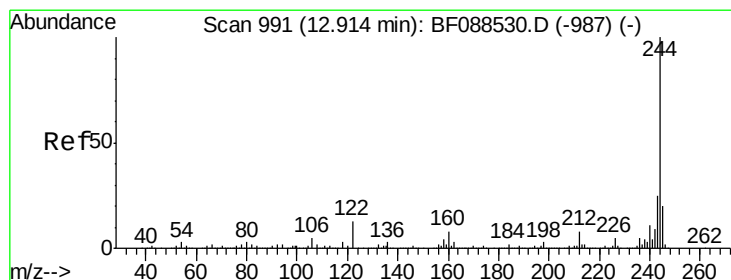
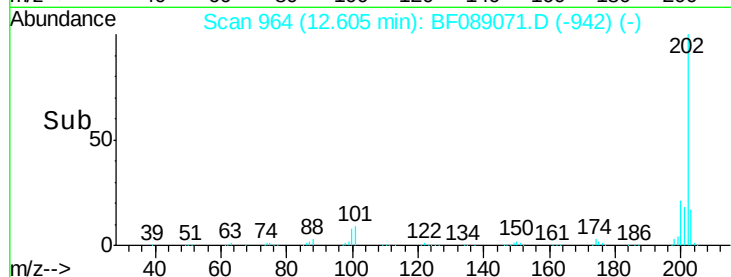
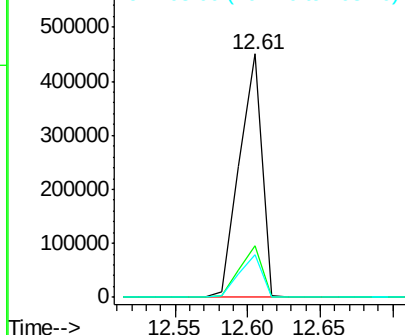
#77
Pvrene
Concen: 42.20 ng
RT: 12.61 min Scan# 964
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:202 Resp: 484809
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.4 14.5 21.7

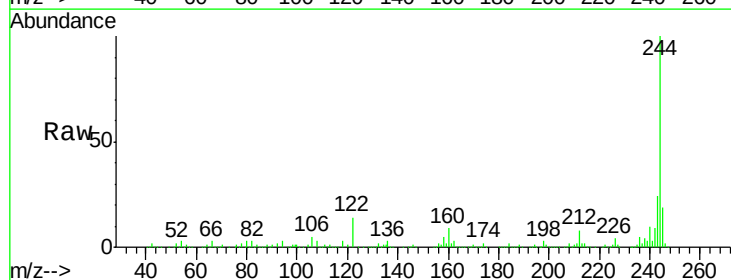


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

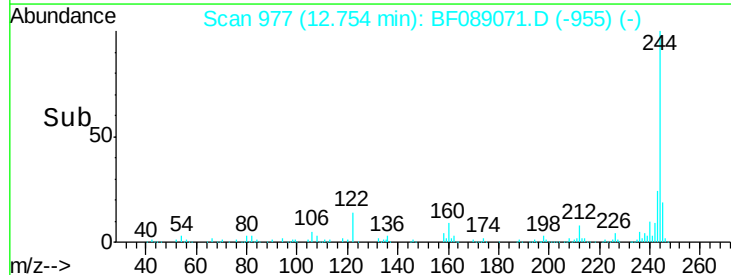
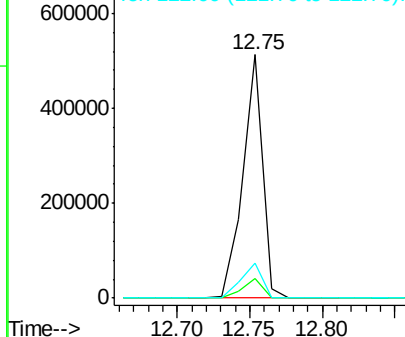


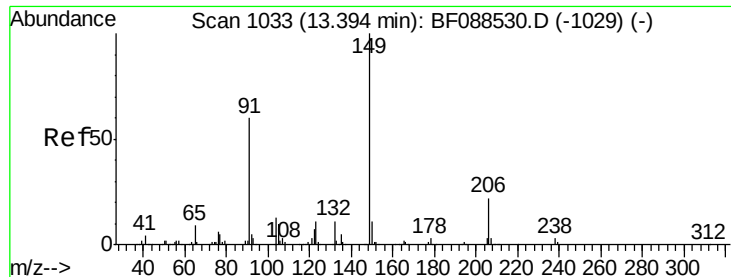
#78
Terphenyl-d14
Concen: 79.53 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion:244 Resp: 483733
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 14.3 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

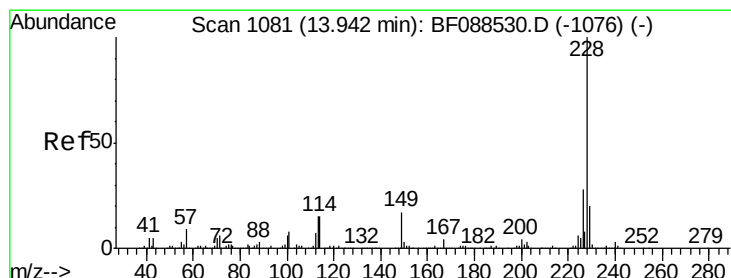
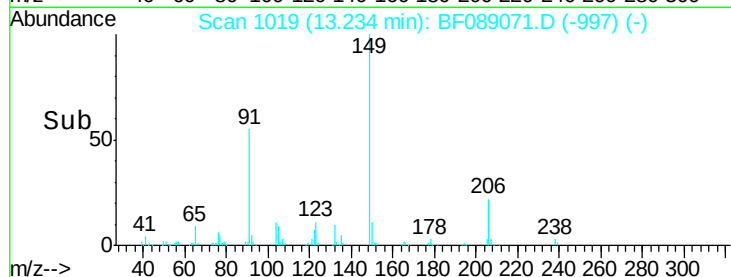
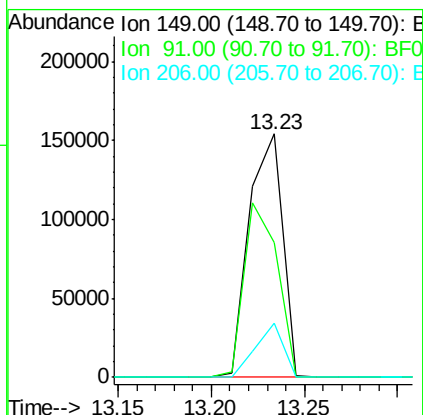
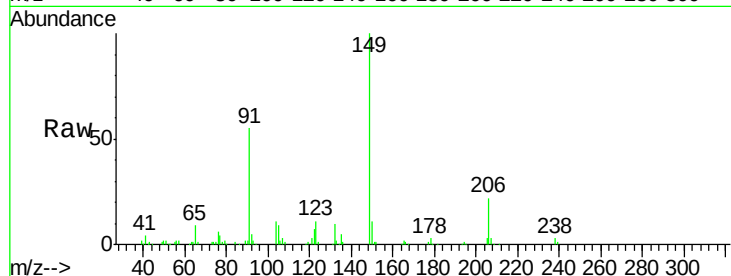




#79
Butylbenzylphthalate
Concen: 37.29 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

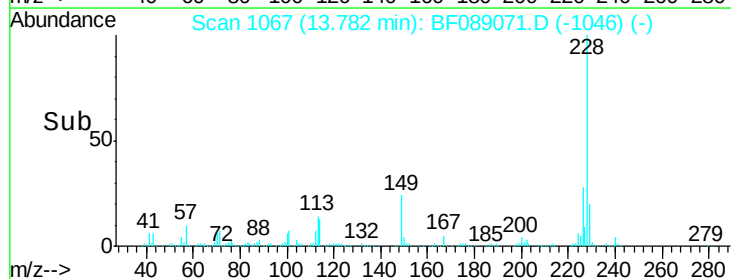
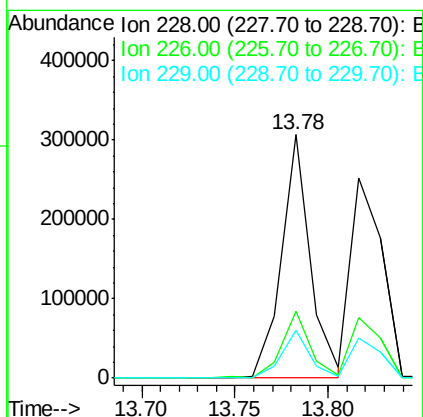
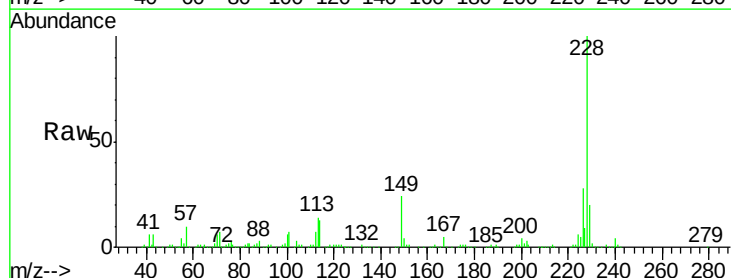
Instrument :
BNA_F
ClientSampleId :
DFTPP

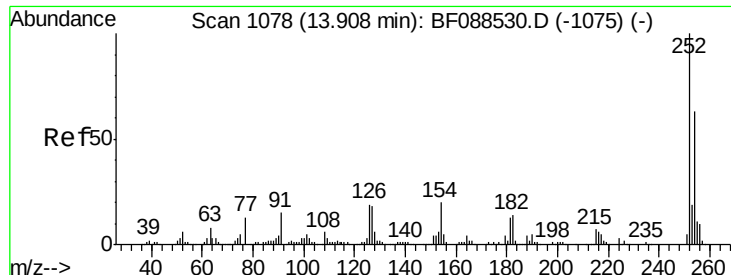
Tot Ion	Ratio	Lower	Upper
149	100		
91	55.5	48.0	72.0
206	22.5	16.0	24.0



#80
Benzo(a)anthracene
Concen: 37.65 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.8	16.0	24.0

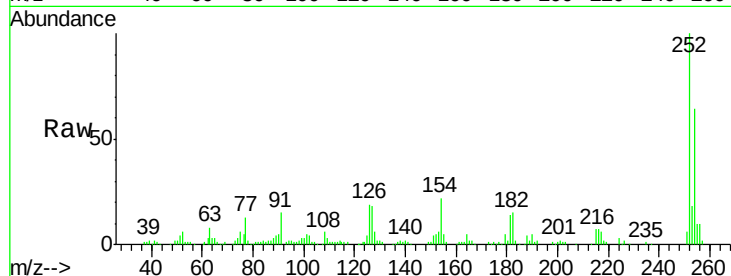




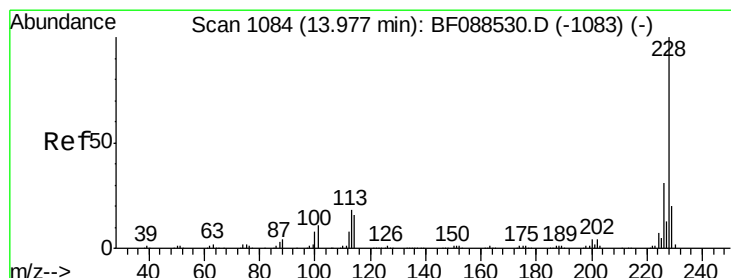
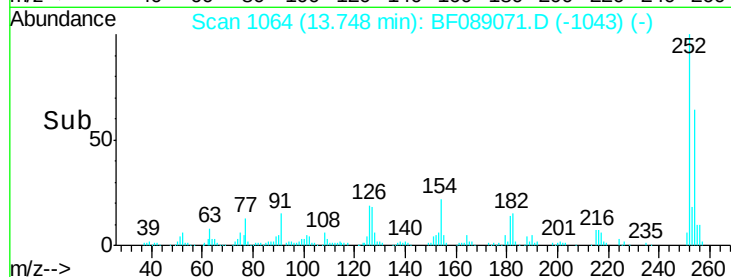
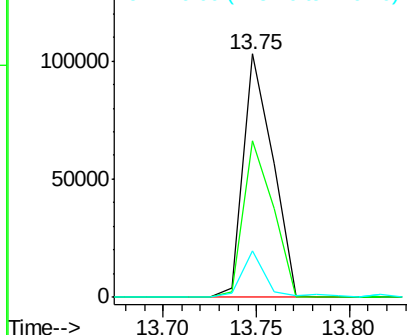
#81
 3,3'-Dichlorobenzidine
 Concen: 34.29 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:252 Resp: 112465
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.6 78.8
 126 18.9 6.2 9.2#

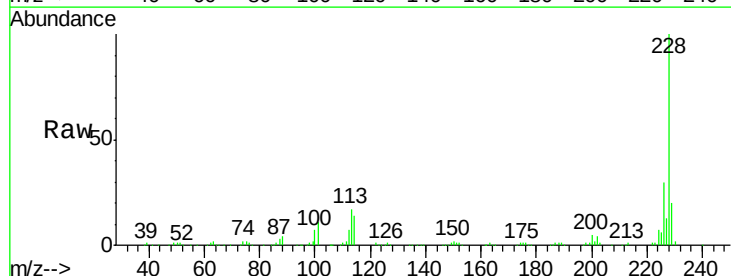


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

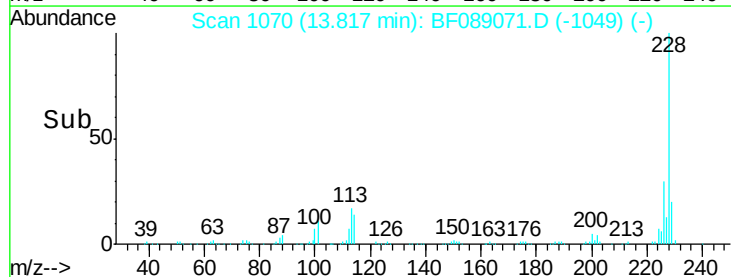
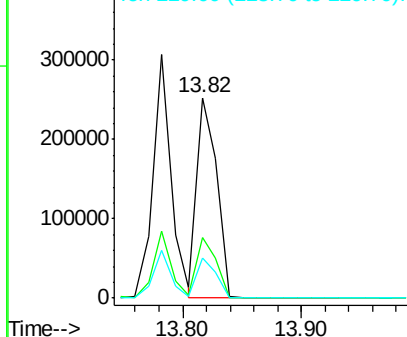


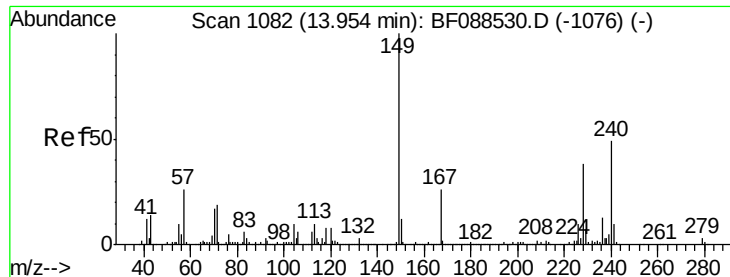
#82
 Chrysene
 Concen: 34.55 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion:228 Resp: 298242
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.2
 229 20.0 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: 43.42 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

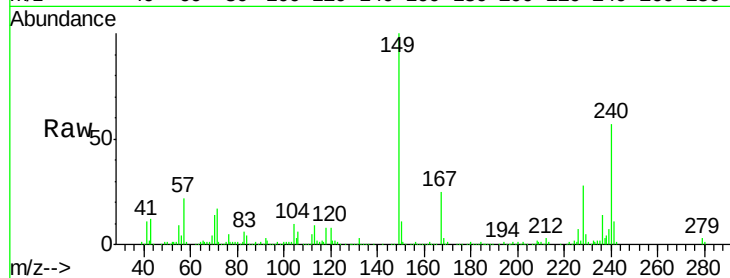
Tot Ion:149 Resp: 254019

Ion Ratio Lower Upper

149 100

167 25.3 20.5 30.7

279 3.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

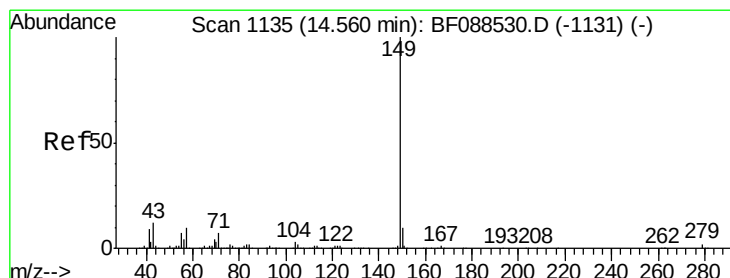
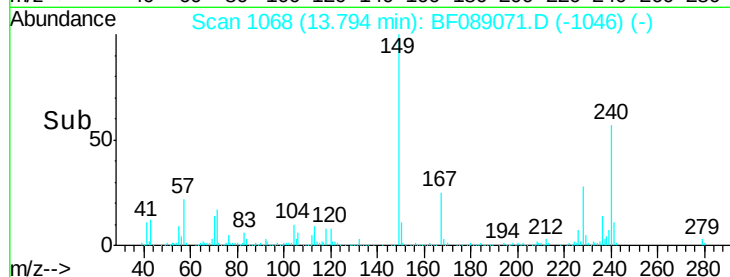
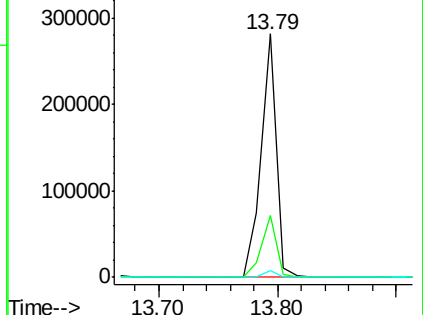
Ion 279.00 (278.70 to 279.70): E

300000

200000

100000

0



#84

Di-n-octyl phthalate

Concen: 39.12 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

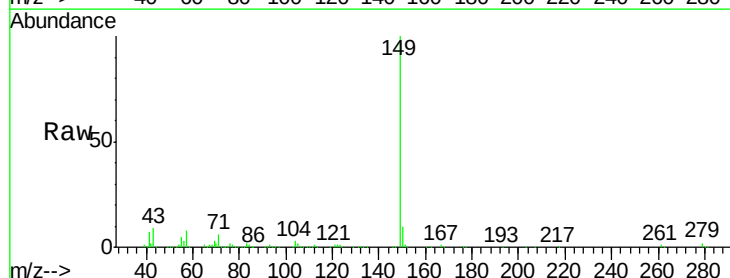
Tgt Ion:149 Resp: 388766

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 9.6 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

600000

500000

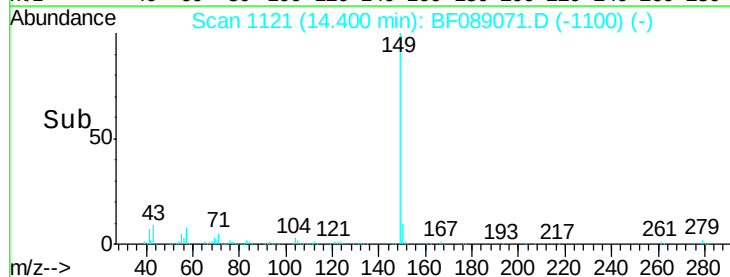
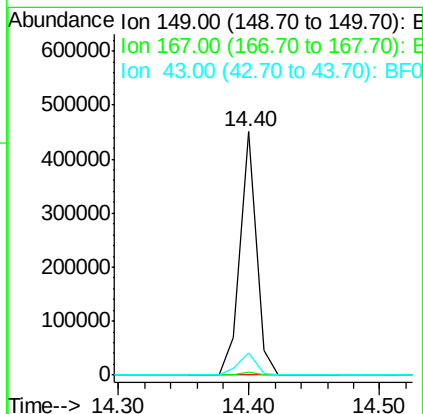
400000

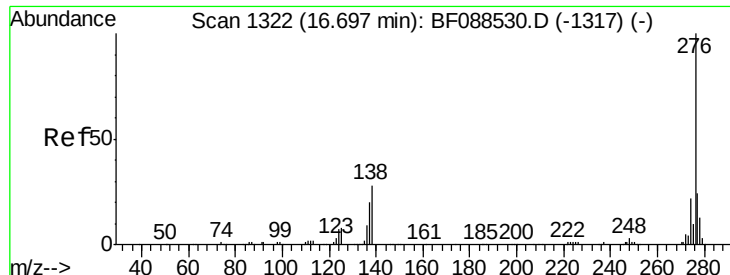
300000

200000

100000

0

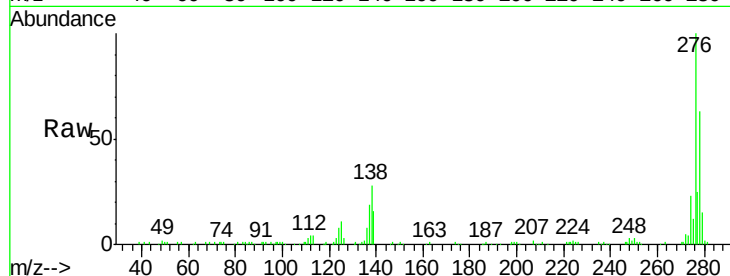




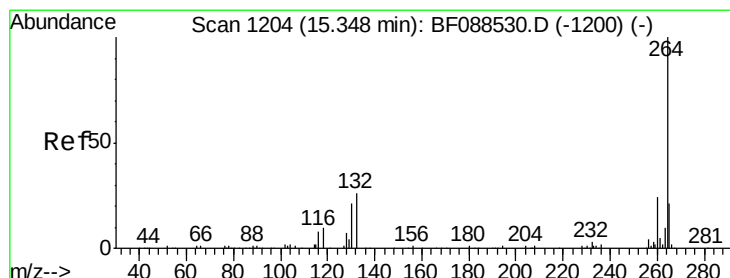
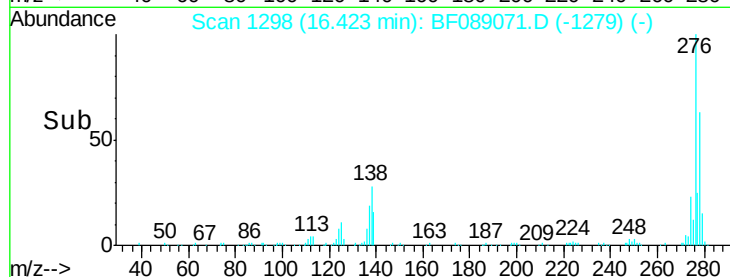
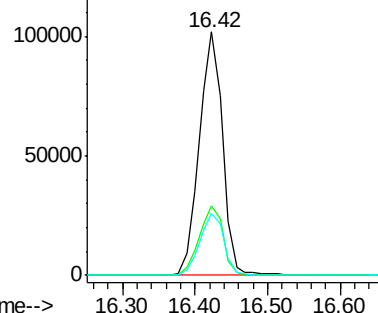
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.11 ng
 RT: 16.42 min Scan# 1298
 Delta R.T. -0.08 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.0	0.0#
277	25.8	0.0	0.0#

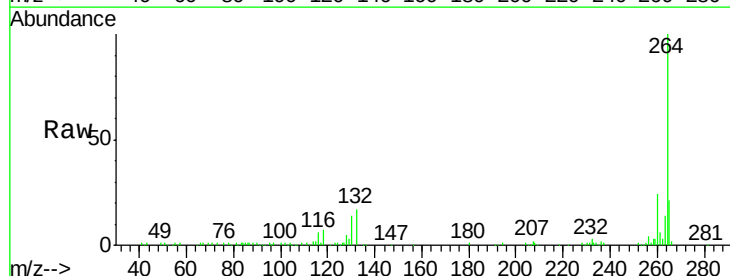


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

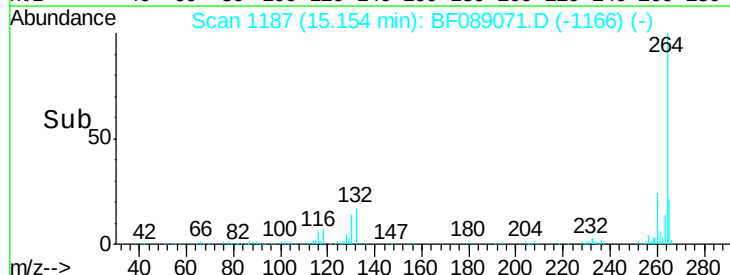
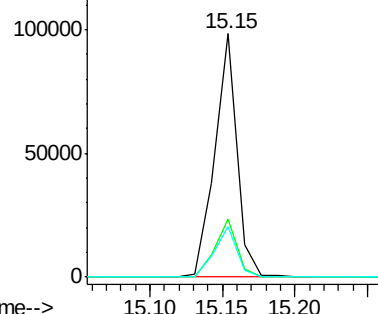


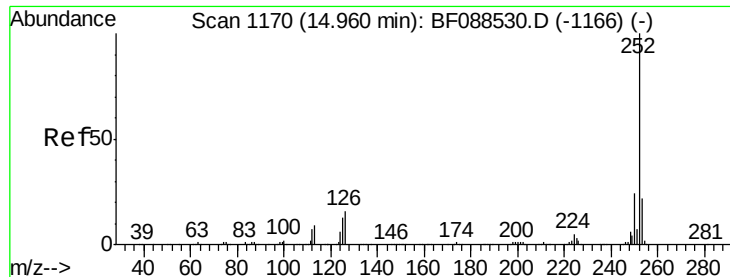
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	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: 47.84 ng m

RT: 14.79 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

Instrument :

BNA_F

ClientSampleId :

DFTPP

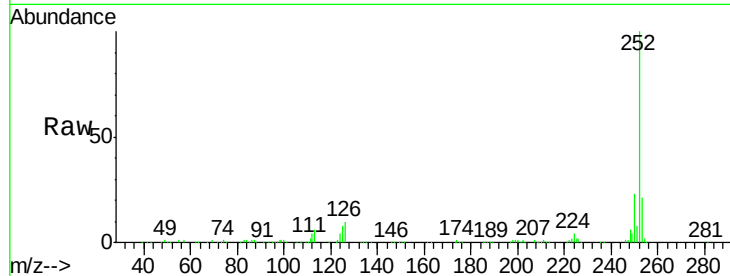
Tot Ion:252 Resp: 312399

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

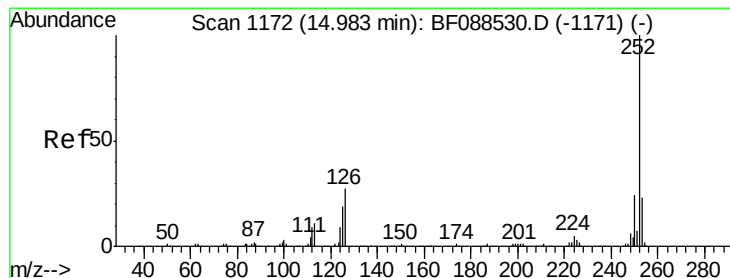
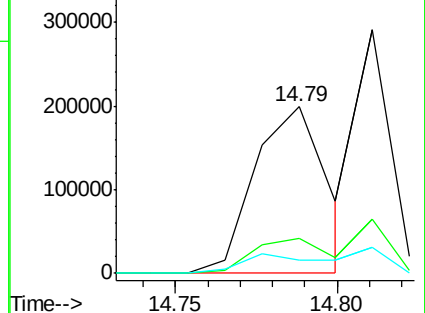
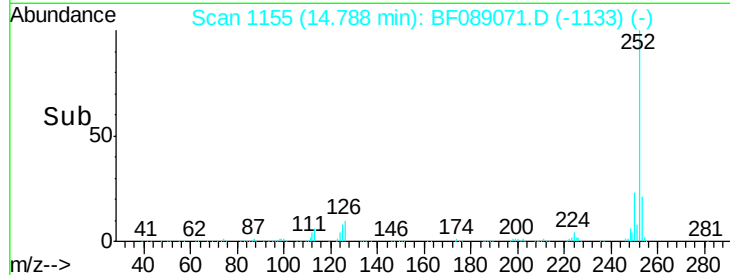
125 7.9 7.1 10.7



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: 37.94 ng m

RT: 14.81 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 8:48

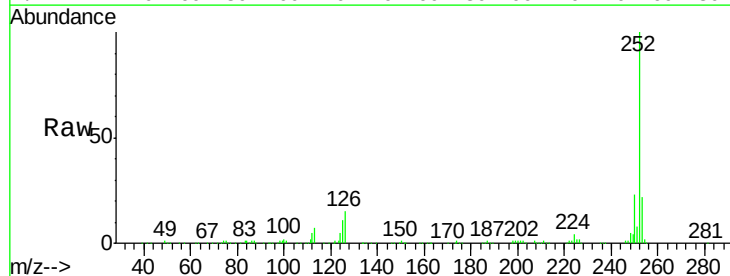
Tgt Ion:252 Resp: 215663

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

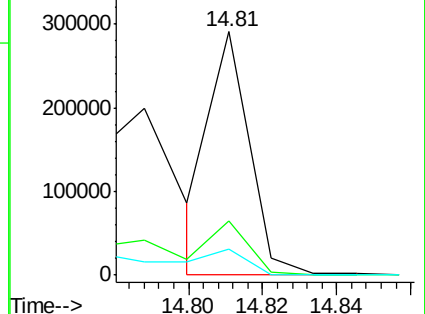
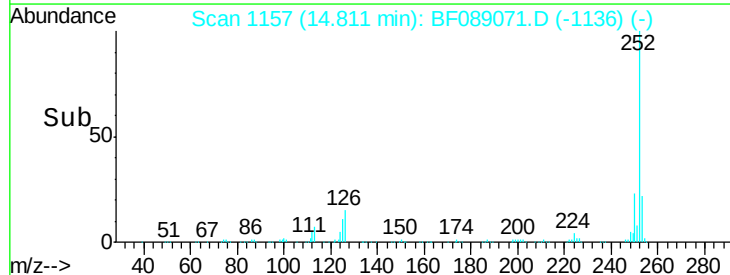
125 10.9 11.2 16.8#

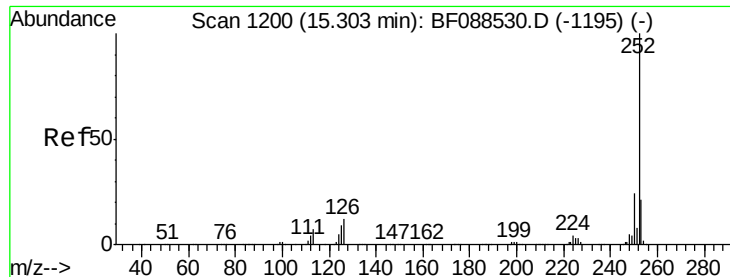


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

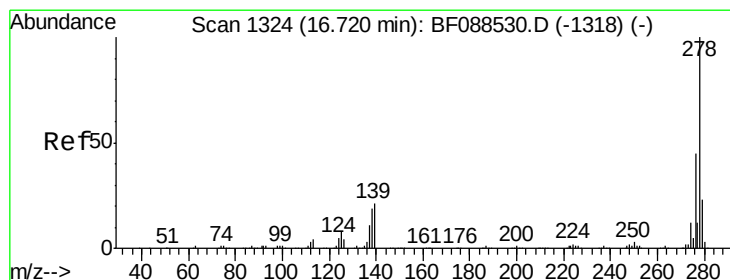
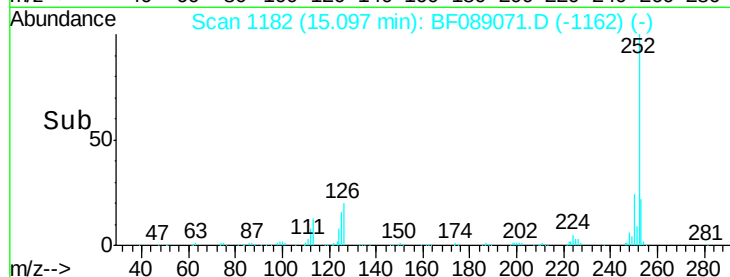
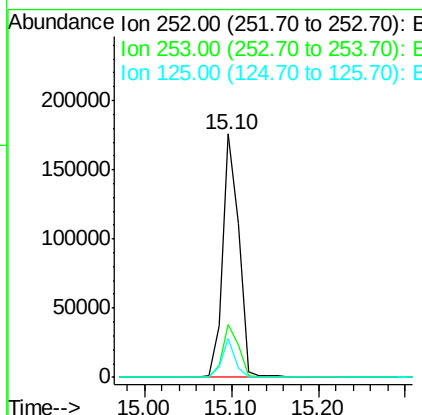
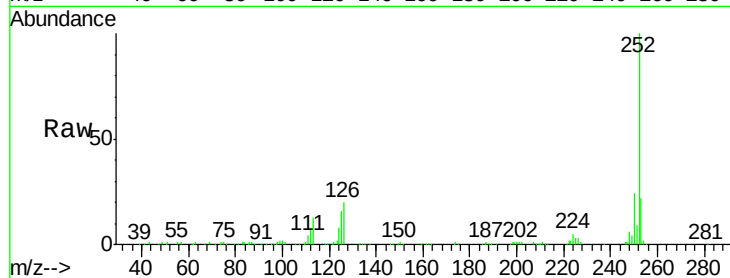




#89
Benzo(a)pyrene
Concen: 41.58 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

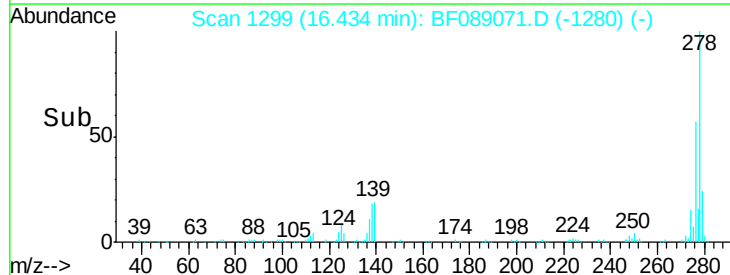
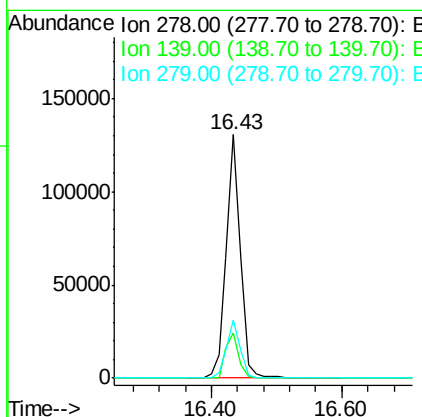
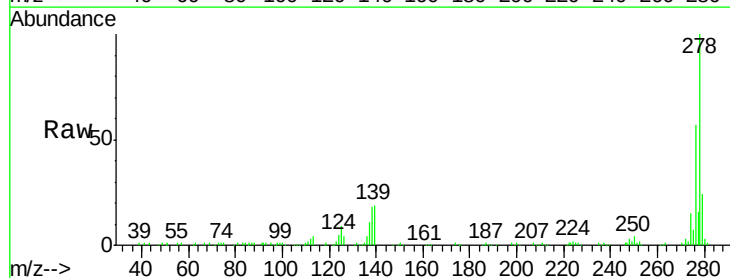
Instrument :
BNA_F
ClientSampleId :
DFTPP

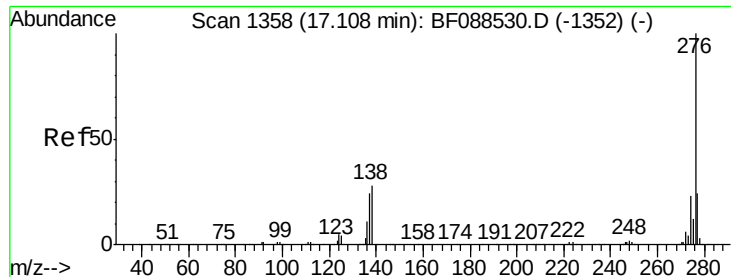
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	16.0	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 42.72 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.08 min
Lab File: BF089071.D
Acq: 17 Jul 2016 8:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	23.6	19.4	29.2

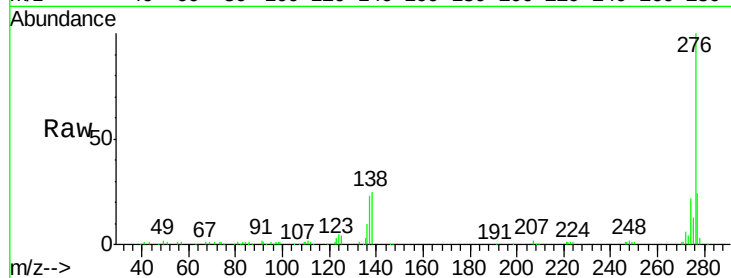




#91
 Benzo(a,h,i)perylene
 Concen: 41.20 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. -0.09 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	24.8	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

