

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089047.D
 Acq On : 16 Jul 2016 10:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 01:11:21 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	54901	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	230105	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	104151	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	199795	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	139453	20.00	ng	-0.05
86) Perylene-d12	15.18	264	118778	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	299982	81.89	ng	-0.03
7) Phenol-d6	6.32	99	348571	73.64	ng	-0.03
23) Nitrobenzene-d5	7.23	82	318911	72.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	68307	70.63	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	616011	93.43	ng	-0.05
78) Terphenyl-d14	12.77	244	487722	77.90	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	65082	35.83	ng	# 31
3) Pyridine	2.79	79	165759	31.45	ng	93
4) n-Nitrosodimethylamine	2.75	42	74590	37.05	ng	97
6) Aniline	6.32	93	247877	35.93	ng	# 65
8) 2-Chlorophenol	6.46	128	161996	41.15	ng	85
9) Benzaldehyde	6.20	77	104183	32.49	ng	89
10) Phenol	6.33	94	187569	34.72	ng	# 51
11) bis(2-Chloroethyl)ether	6.41	93	158975	39.46	ng	86
12) 1,3-Dichlorobenzene	6.60	146	183598	42.38	ng	99
13) 1,4-Dichlorobenzene	6.68	146	184435	42.89	ng	99
14) 1,2-Dichlorobenzene	6.68	146	184435	45.82	ng	96
15) Benzyl Alcohol	6.82	79	139075	39.92	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	188548	32.32	ng	# 32
17) 2-Methylphenol	6.94	107	121510	37.83	ng	# 92
18) Hexachloroethane	7.18	117	69351	41.69	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	123901	38.97	ng	# 87
20) 3+4-Methylphenols	7.10	107	157505	40.86	ng	# 80
22) Acetophenone	7.08	105	244606	43.80	ng	# 94
24) Nitrobenzene	7.26	77	194428	43.92	ng	89
25) Isophorone	7.50	82	293109	36.04	ng	96
26) 2-Nitrophenol	7.56	139	81424	44.85	ng	# 88
27) 2,4-Dimethylphenol	7.62	122	140129	37.06	ng	87
28) bis(2-Chloroethoxy)methane	7.71	93	205289	38.78	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	120438	39.41	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	141619	42.23	ng	99
31) Naphthalene	7.98	128	507940	44.78	ng	99
32) Benzoic acid	7.77	122	108753	39.61	ng	87
33) 4-Chloroaniline	8.03	127	206369	40.89	ng	# 95
34) Hexachlorobutadiene	8.09	225	73328	40.84	ng	97
35) Caprolactam	8.41	113	36222	34.90	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	164763	45.59	ng	95
37) 2-Methylnaphthalene	8.66	142	287971	39.42	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	166914	48.18	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	56095	32.99	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 01:11:21 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

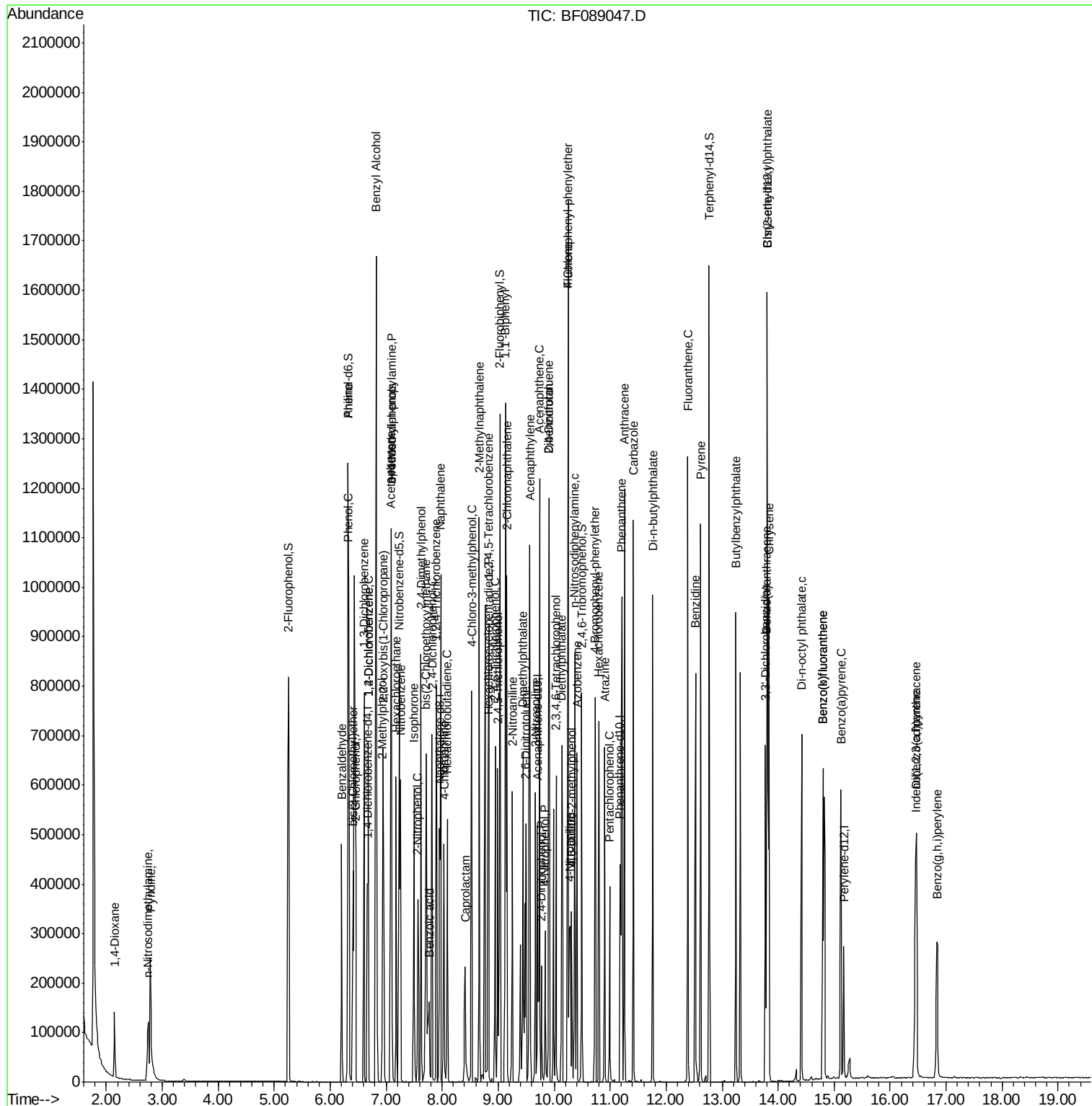
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	86824	38.01	nq	98
43) 2,4,5-Trichlorophenol	8.99	196	92425	47.03	nq	# 92
45) 1,1'-Biphenyl	9.13	154	371023	43.02	nq	99
46) 2-Chloronaphthalene	9.15	162	298058	44.02	nq	99
47) 2-Nitroaniline	9.26	65	112467	46.81	nq	92
48) Acenaphthylene	9.56	152	447831	41.57	nq	99
49) Dimethylphthalate	9.44	163	293590	39.57	nq	99
50) 2,6-Dinitrotoluene	9.50	165	65185	39.64	nq	# 39
51) Acenaphthene	9.74	154	272908	41.33	nq	98
52) 3-Nitroaniline	9.67	138	86511	41.38	nq	93
53) 2,4-Dinitrophenol	9.77	184	30439	41.92	nq	# 68
54) Dibenzofuran	9.91	168	336040	38.88	nq	# 86
55) 4-Nitrophenol	9.84	139	50804	31.98	nq	# 79
56) 2,4-Dinitrotoluene	9.91	165	97689	45.43	nq	# 73
57) Fluorene	10.25	166	297105	44.61	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.03	232	65740	43.24	nq	# 47
59) Diethylphthalate	10.14	149	302995	40.69	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	145037	46.86	nq	93
61) 4-Nitroaniline	10.28	138	89648	44.56	nq	91
62) Azobenzene	10.41	77	348091	40.98	nq	93
64) 4,6-Dinitro-2-methylphenol	10.31	198	49084	45.93	nq	# 75
65) n-Nitrosodiphenylamine	10.36	169	260515	38.53	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	74838	37.17	nq	# 68
67) Hexachlorobenzene	10.80	284	87099	39.08	nq	94
68) Atrazine	10.90	200	81123	38.50	nq	92
69) Pentachlorophenol	10.99	266	37714	28.59	nq	97
70) Phenanthrene	11.21	178	482573	44.18	nq	98
71) Anthracene	11.26	178	421764	38.84	nq	99
72) Carbazole	11.42	167	428444	41.92	nq	100
73) Di-n-butylphthalate	11.76	149	538686	45.31	nq	99
74) Fluoranthene	12.39	202	483293	43.65	nq	98
76) Benzidine	12.53	184	369282	52.39	nq	98
77) Pyrene	12.62	202	518694	43.87	nq	99
79) Butylbenzylphthalate	13.25	149	215625	40.88	nq	# 85
80) Benzo(a)anthracene	13.79	228	365822	40.74	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	140572	41.64	nq	# 98
82) Chrysene	13.84	228	374694	42.18	nq	97
83) Bis(2-ethylhexyl)phthalate	13.81	149	258127	42.87	nq	# 96
84) Di-n-octyl phthalate	14.42	149	416359	40.70	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.46	276	259027	37.90	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	581150	78.00	nq	# 96
88) Benzo(k)fluoranthene	14.80	252	581150	89.59	nq	98
89) Benzo(a)pyrene	15.12	252	261402	41.44	nq	98
90) Dibenzo(a,h)anthracene	16.47	278	219152	41.60	nq	99
91) Benzo(g,h,i)perylene	16.85	276	223162	40.94	nq	# 93

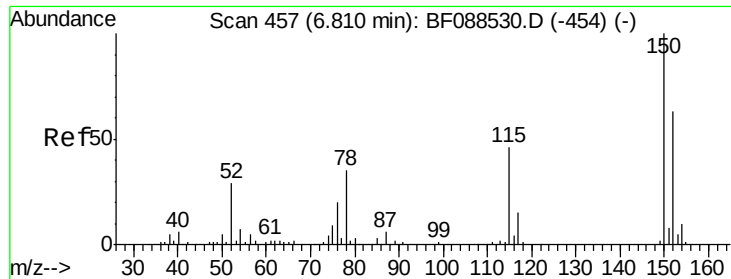
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\  
Data File : BF089047.D  
Acq On    : 16 Jul 2016   10:35  
Operator  : UM/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 18 01:11:21 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

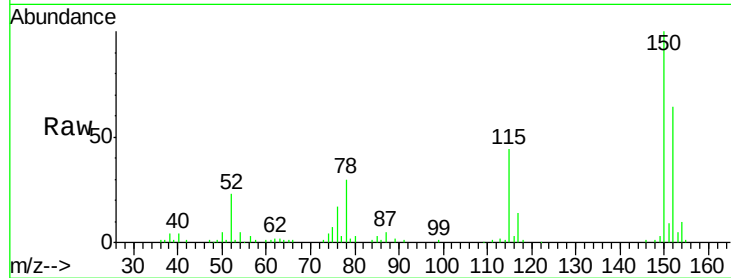
Tot Ion:152 Resp: 54901

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

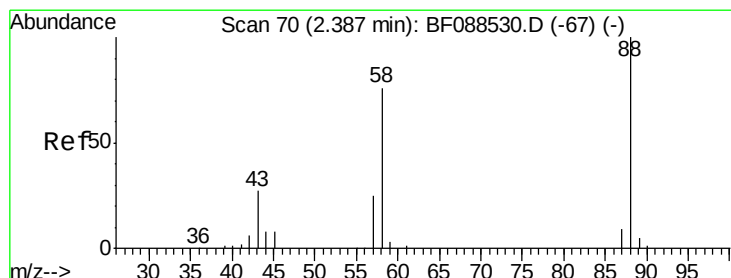
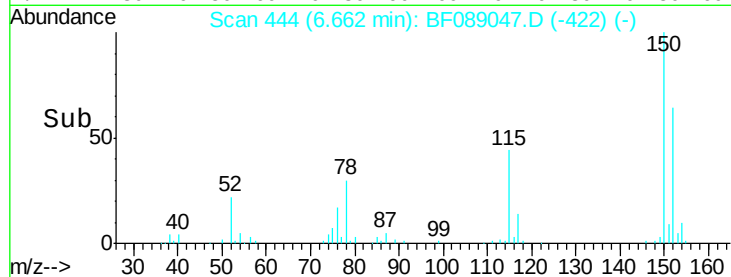
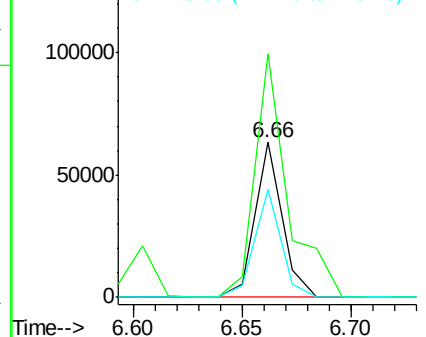
115 69.6 39.6 59.4#



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: 35.83 ng

RT: 2.15 min Scan# 49

Delta R.T. -0.07 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

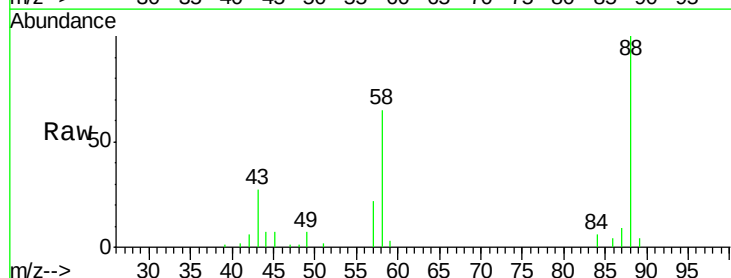
Tgt Ion: 88 Resp: 65082

Ion Ratio Lower Upper

88 100

58 65.3 0.0 0.0#

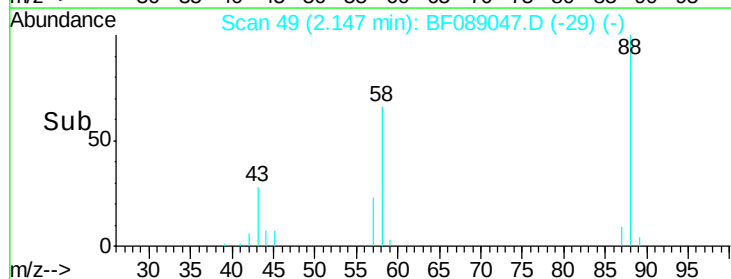
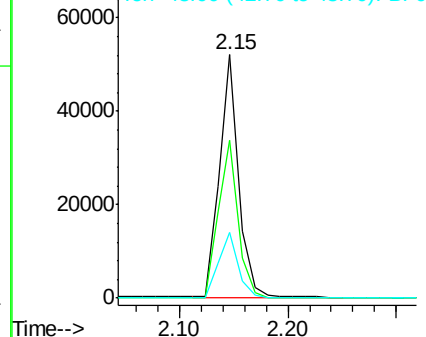
43 27.2 3.4 5.2#

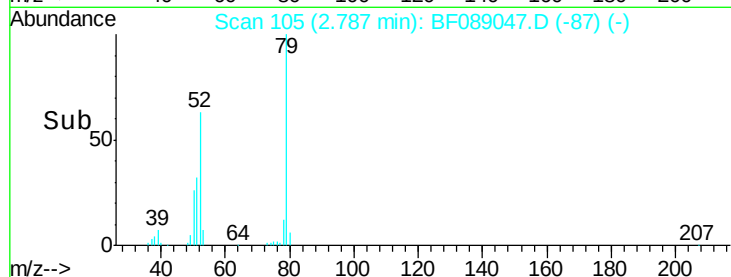
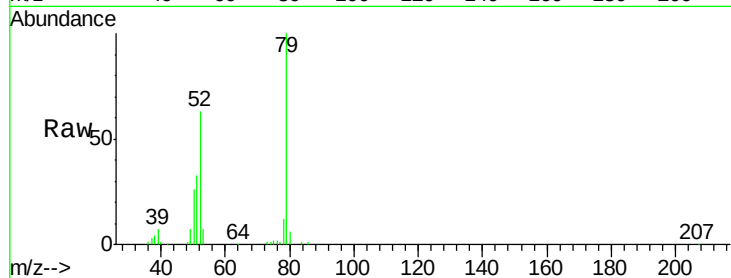
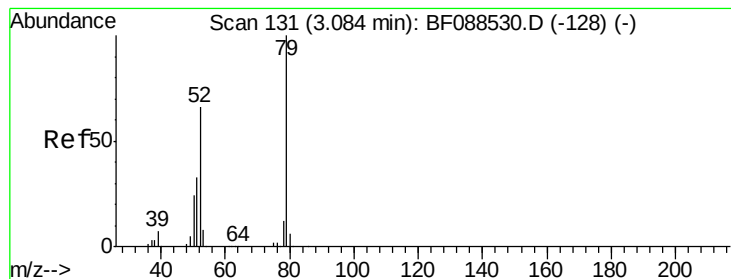


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.45 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.09 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

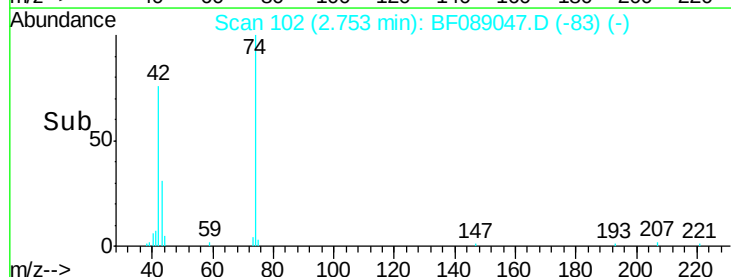
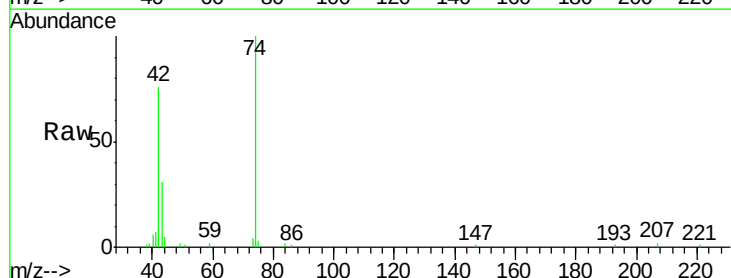
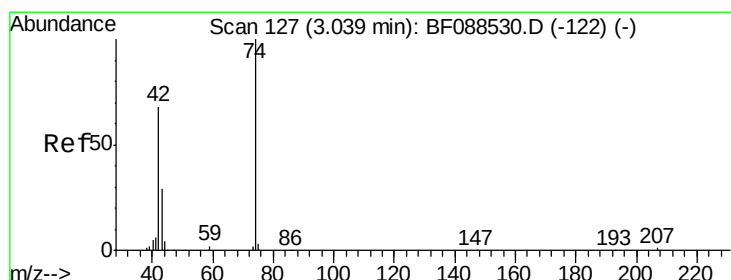
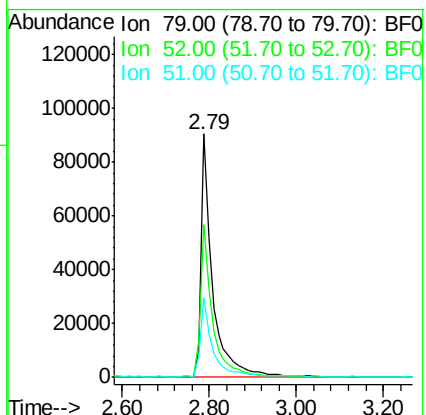
Tot Ion: 79 Resp: 165759

Ion Ratio Lower Upper

79 100

52 62.7 56.3 84.5

51 32.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.05 ng

RT: 2.75 min Scan# 102

Delta R.T. -0.08 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

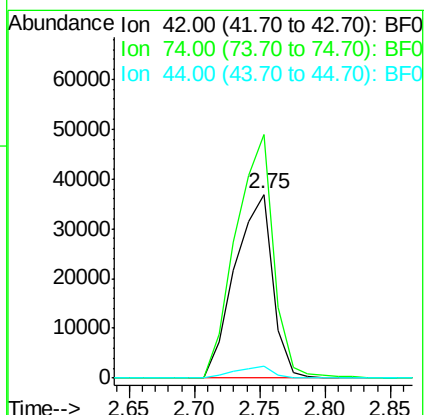
Tgt Ion: 42 Resp: 74590

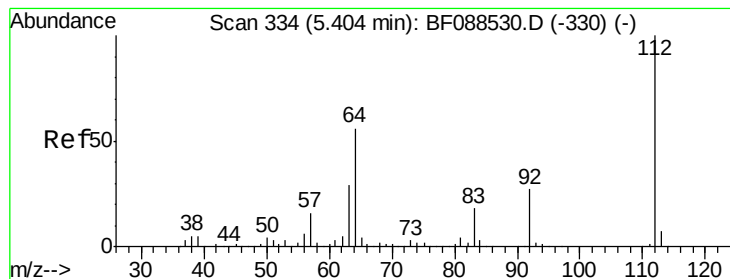
Ion Ratio Lower Upper

42 100

74 132.3 108.6 163.0

44 6.4 5.5 8.3





#5

2-Fluorophenol

Concen: 81.89 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF089047.D

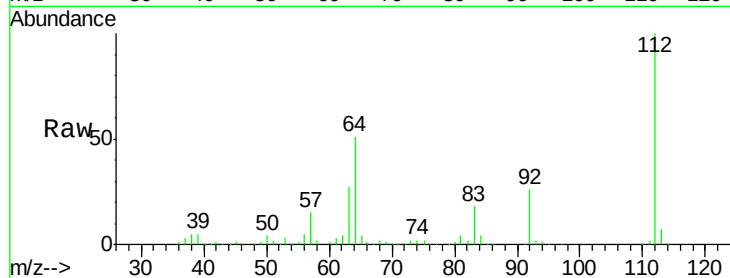
Acq: 16 Jul 2016 10:35

Instrument :

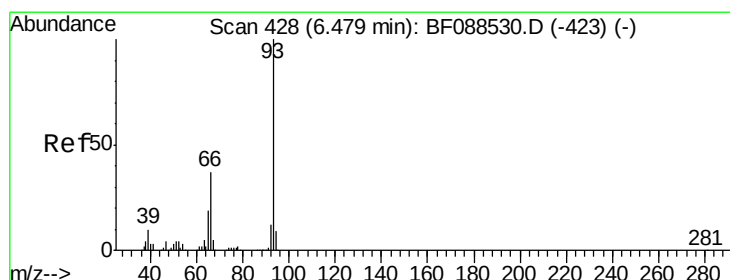
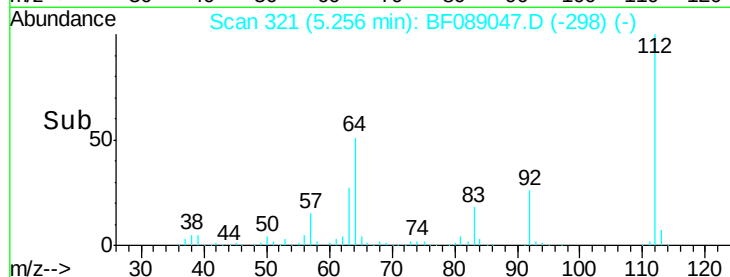
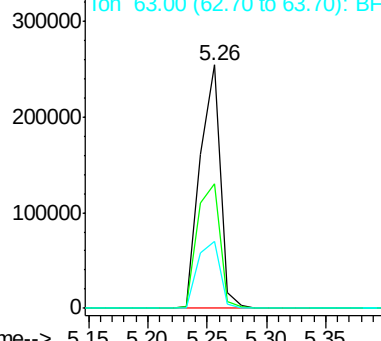
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	299982
Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	27.4	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 35.93 ng

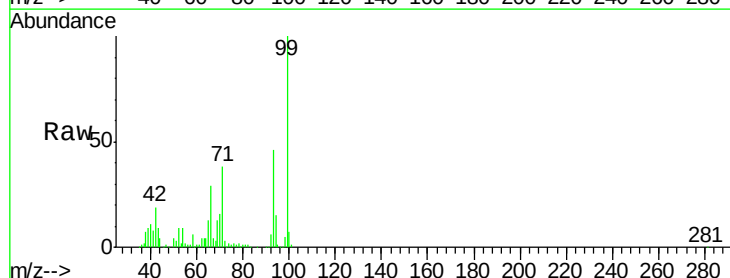
RT: 6.32 min Scan# 414

Delta R.T. -0.06 min

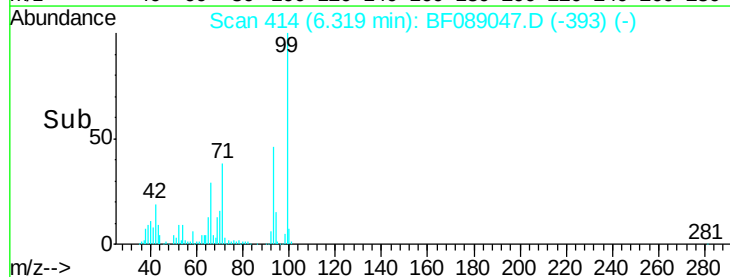
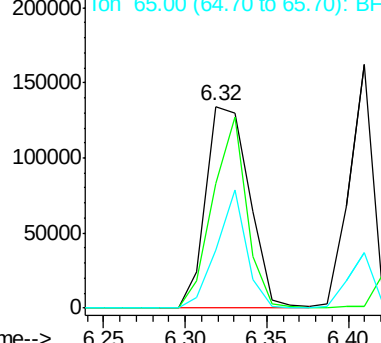
Lab File: BF089047.D

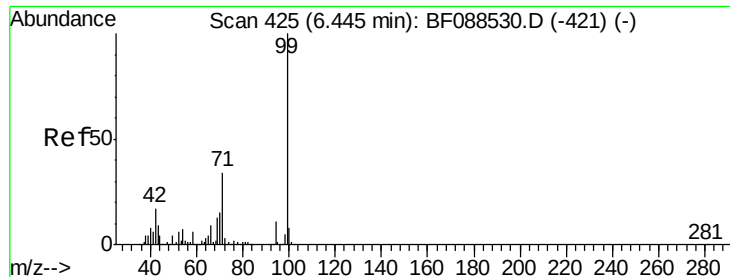
Acq: 16 Jul 2016 10:35

Tgt Ion:	93	Resp:	247877
Ion	Ratio	Lower	Upper
93	100		
66	61.9	29.8	44.8#
65	28.9	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 73.64 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

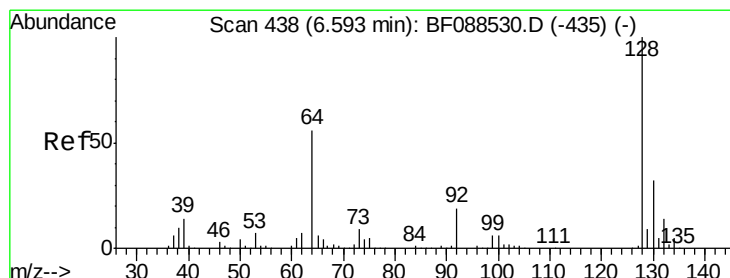
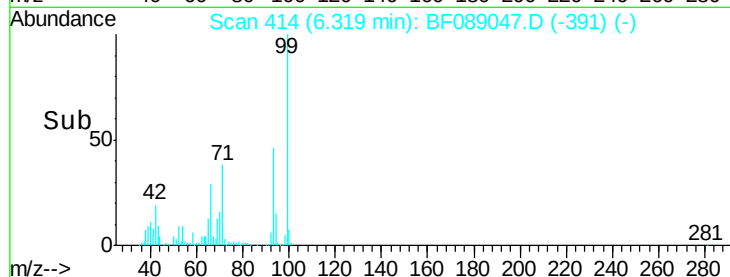
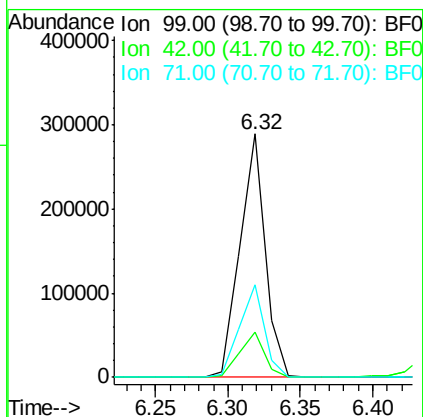
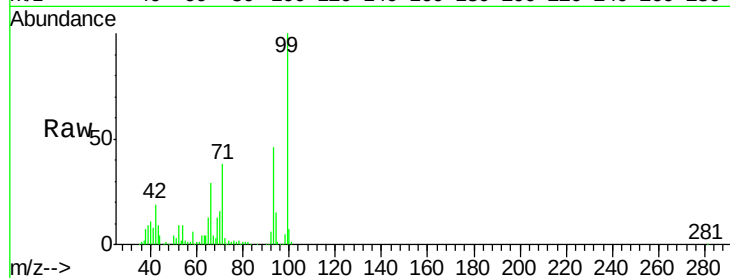
Tot Ion: 99 Resp: 348571

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

71 38.1 23.4 35.0#



#8

2-Chlorophenol

Concen: 41.15 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

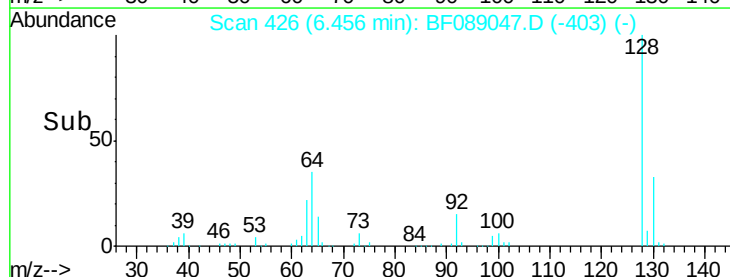
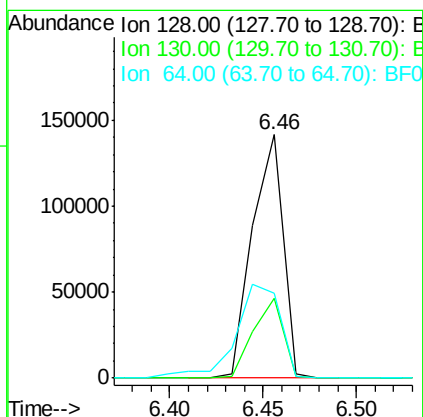
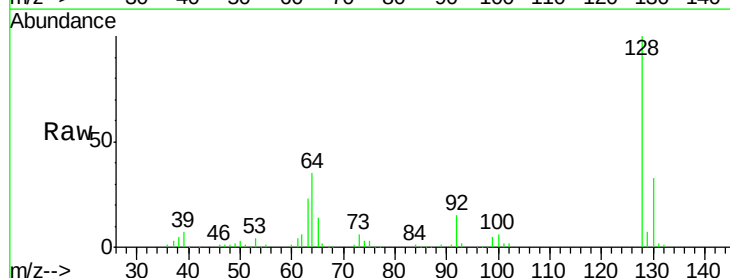
Tgt Ion: 128 Resp: 161996

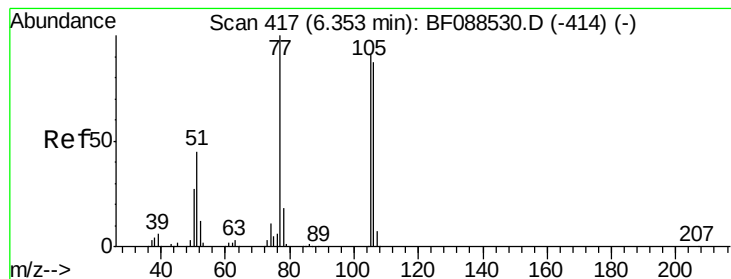
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 34.9 30.8 70.8





#9

Benzaldehyde

Concen: 32.49 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

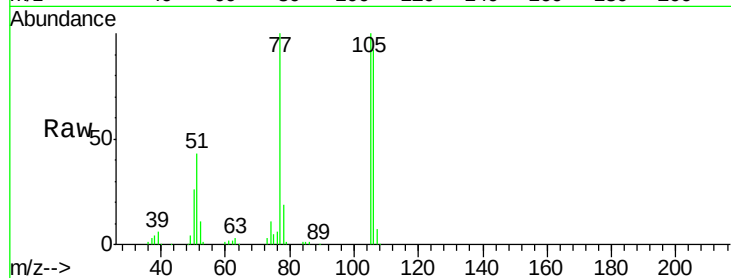
Tot Ion: 77 Resp: 104183

Ion Ratio Lower Upper

77 100

105 100.4 90.6 130.6

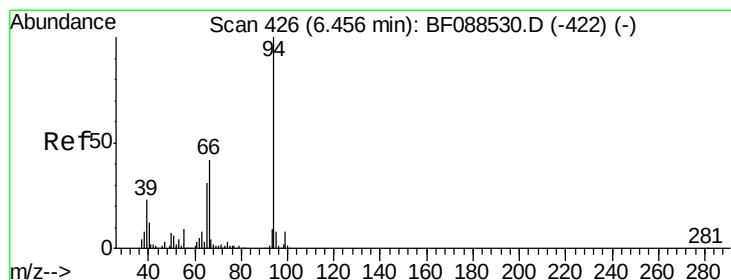
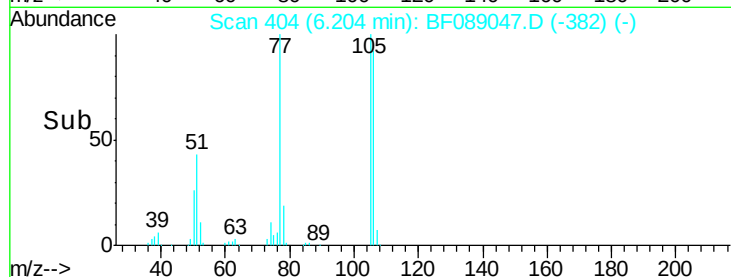
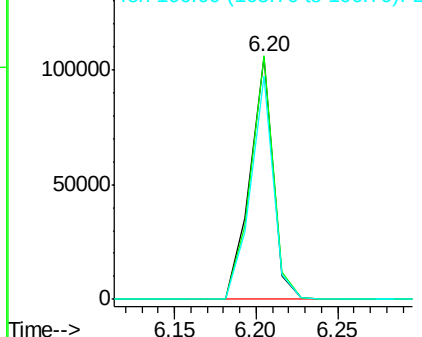
106 92.2 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.72 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

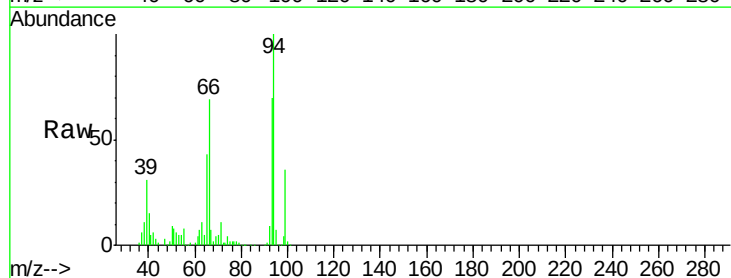
Tgt Ion: 94 Resp: 187569

Ion Ratio Lower Upper

94 100

65 42.8 5.9 45.9

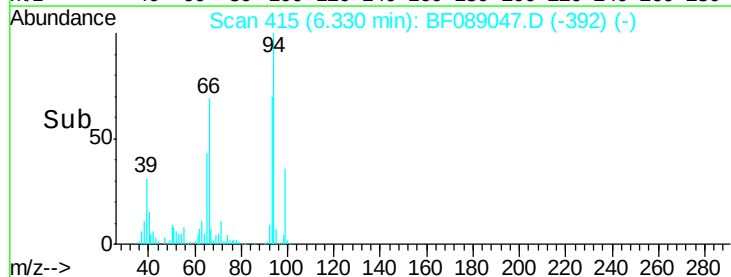
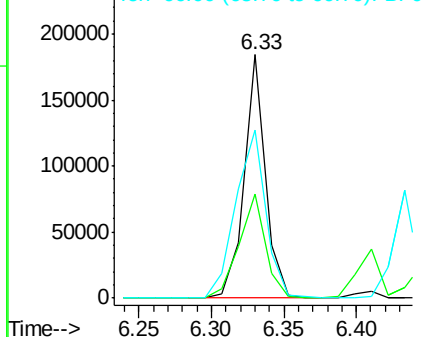
66 68.9 14.0 54.0#

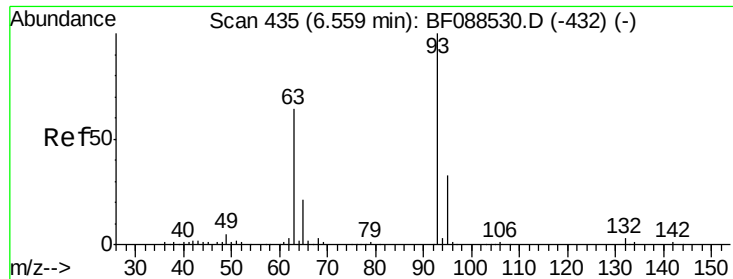


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.46 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

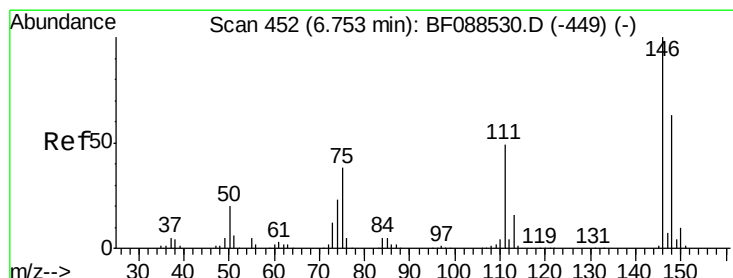
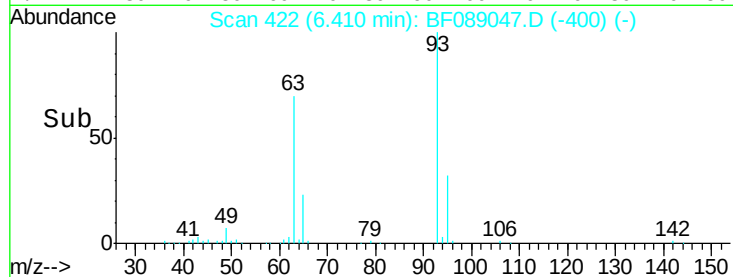
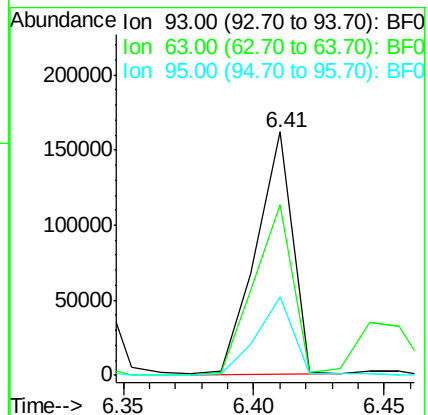
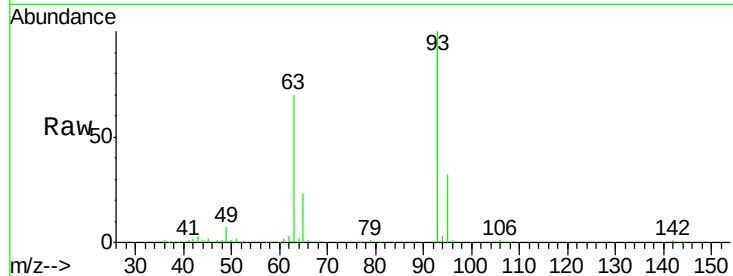
Tot Ion: 93 Resp: 158975

Ion Ratio Lower Upper

93 100

63 69.9 67.6 107.6

95 32.2 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 42.38 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

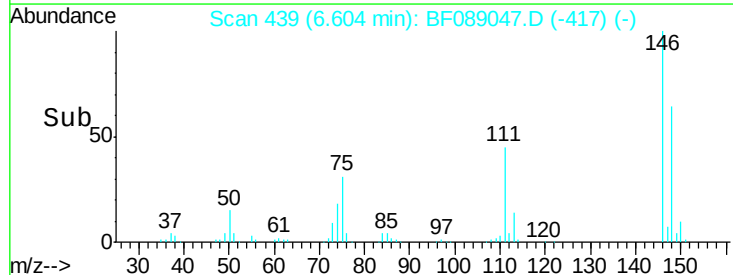
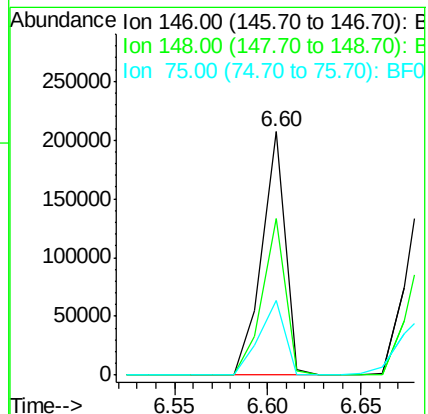
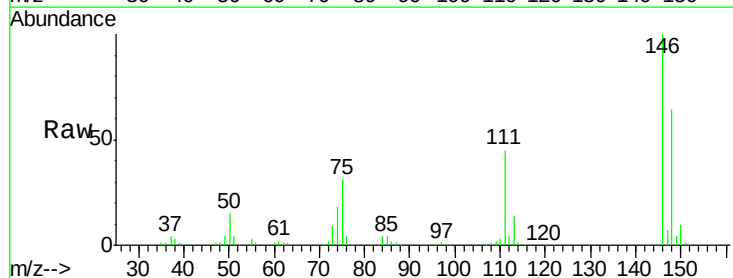
Tgt Ion: 146 Resp: 183598

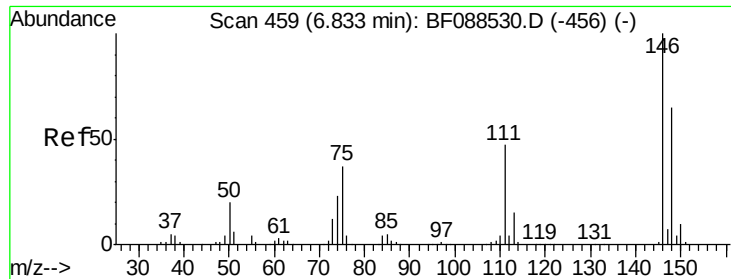
Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

75 30.7 25.6 38.4

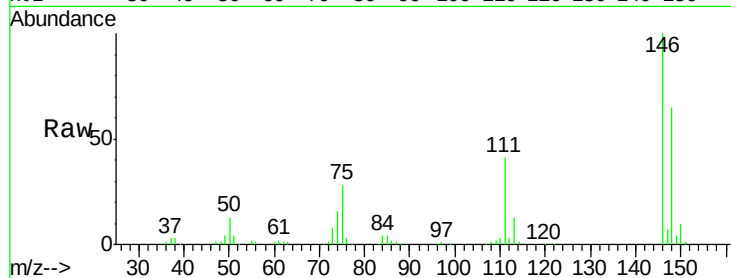




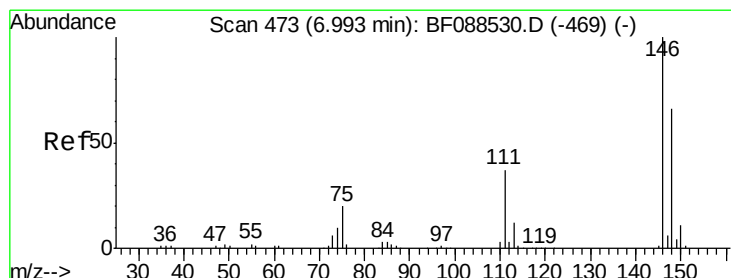
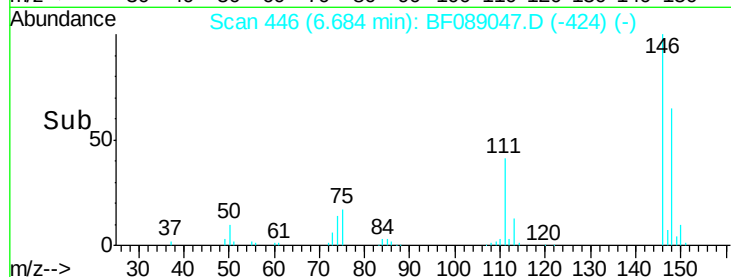
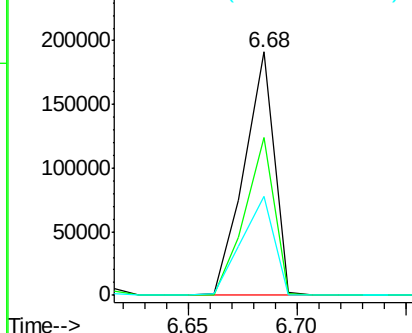
#13
 1,4-Dichlorobenzene
 Concen: 42.89 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 184435
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 40.8 33.8 50.8

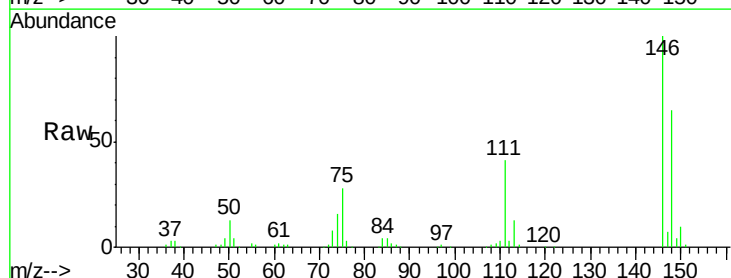


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

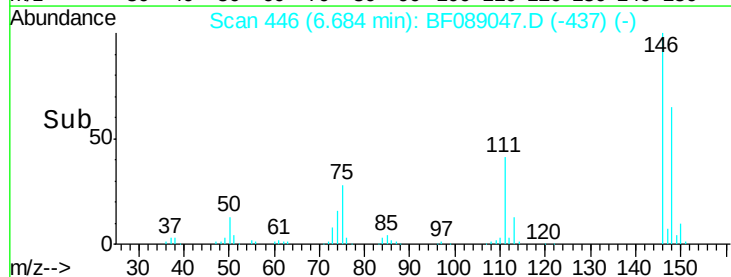
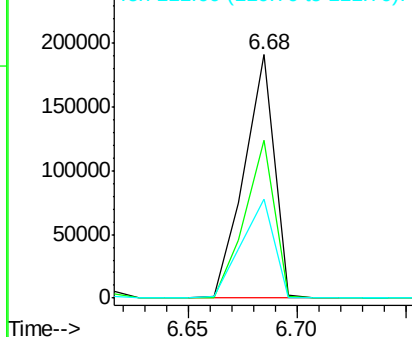


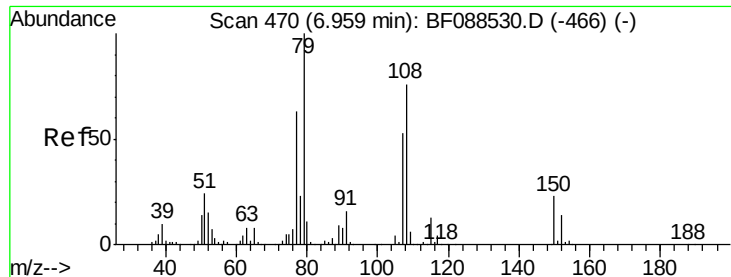
#14
 1,2-Dichlorobenzene
 Concen: 45.82 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.19 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:146 Resp: 184435
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 40.8 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 39.92 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

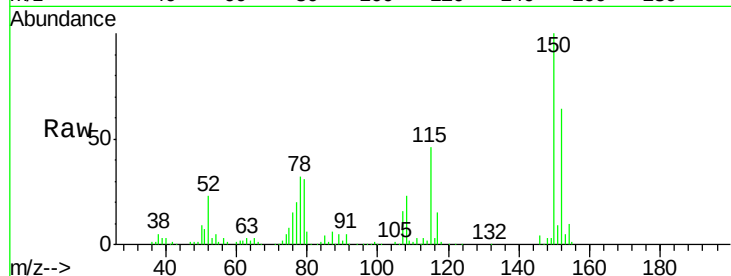
Tot Ion: 79 Resp: 139075

Ion Ratio Lower Upper

79 100

108 76.0 65.0 97.6

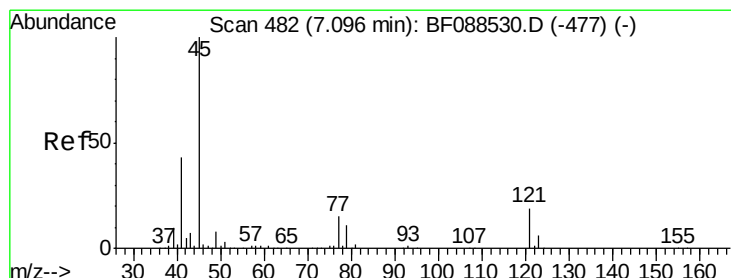
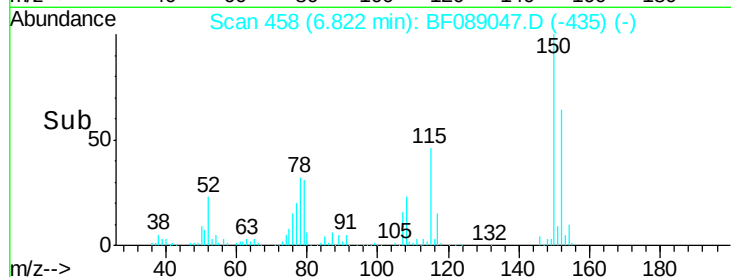
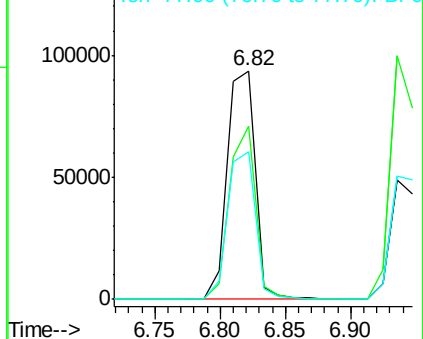
77 64.7 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.32 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

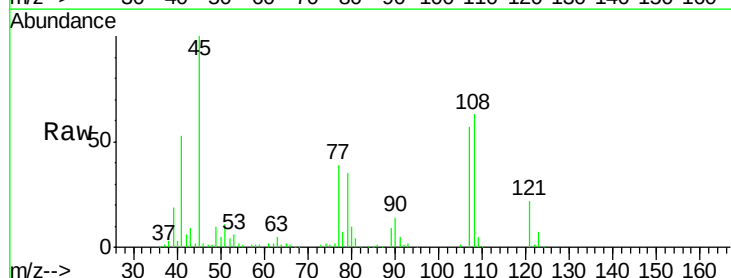
Tgt Ion: 45 Resp: 188548

Ion Ratio Lower Upper

45 100

77 39.1 0.0 32.5#

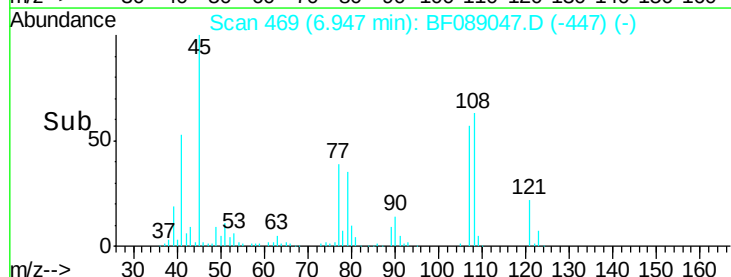
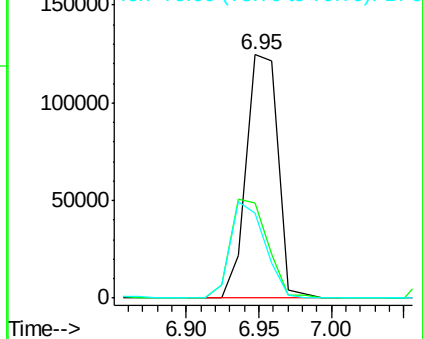
79 34.8 0.0 29.5#

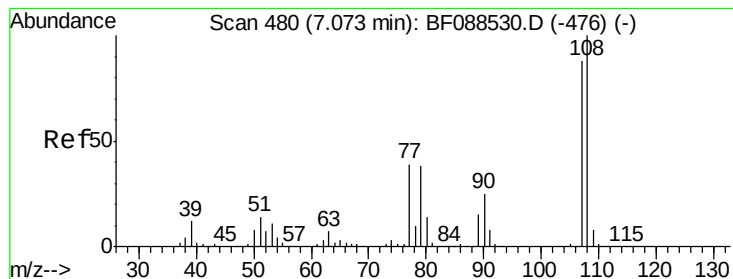


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

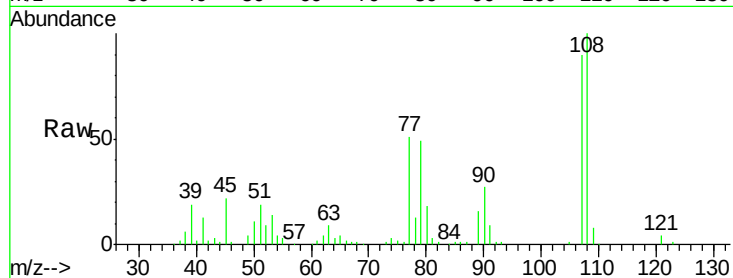




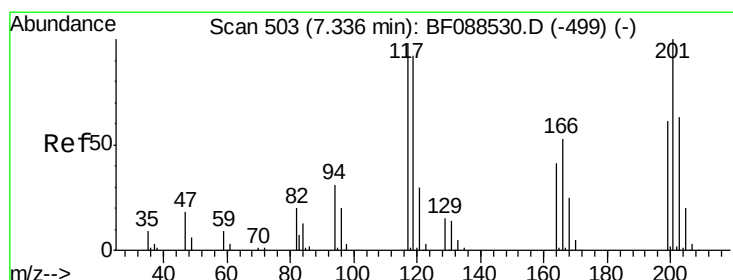
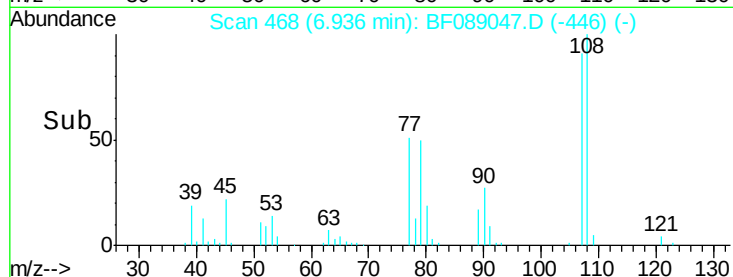
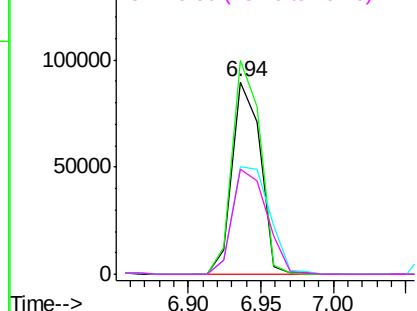
#17
2-Methylphenol
Concen: 37.83 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	121510
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.9	136.3
77	56.0	36.6	55.0#
79	54.7	36.5	54.7

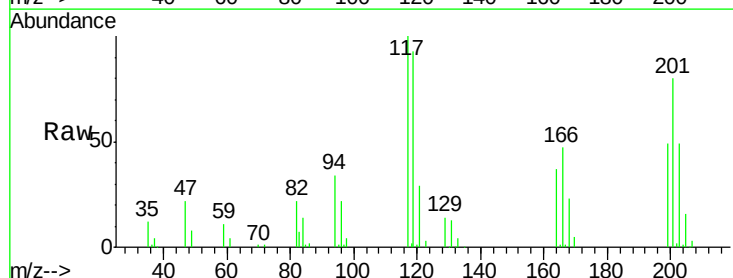


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

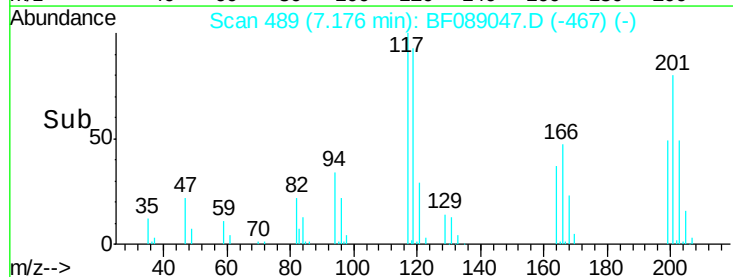
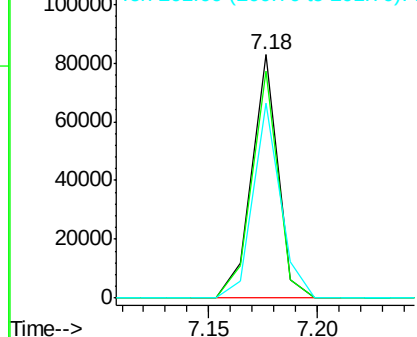


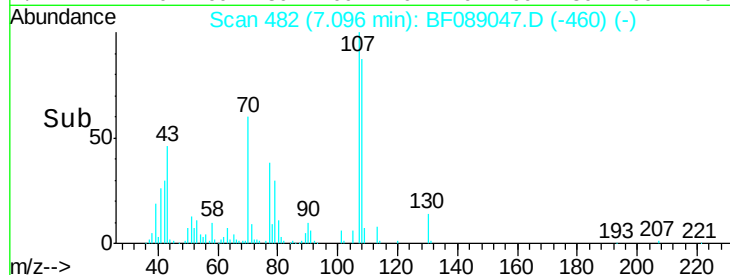
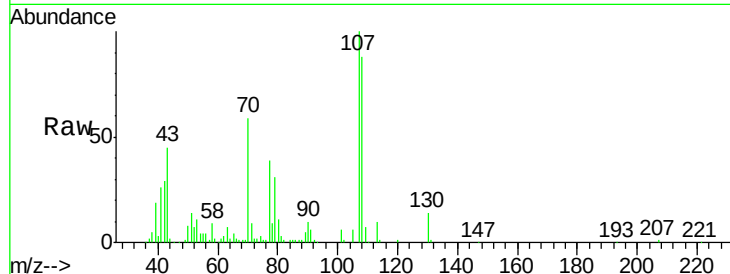
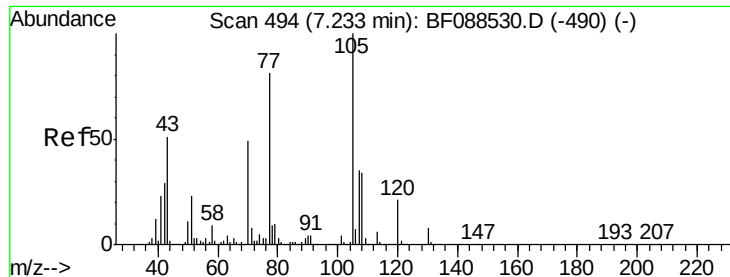
#18
Hexachloroethane
Concen: 41.69 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:	117	Resp:	69351
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.4	116.2
201	80.0	80.4	120.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

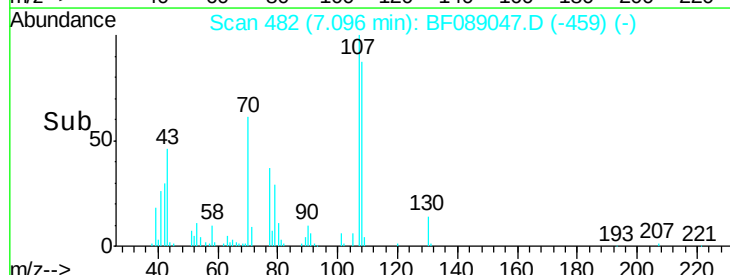
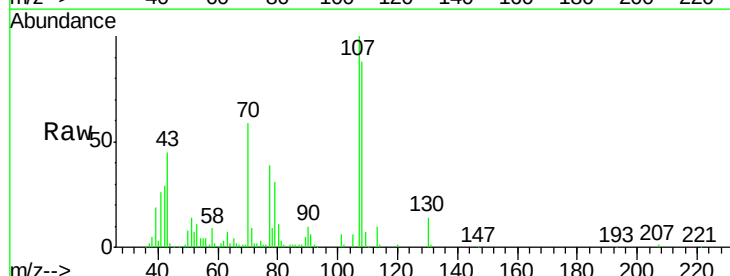
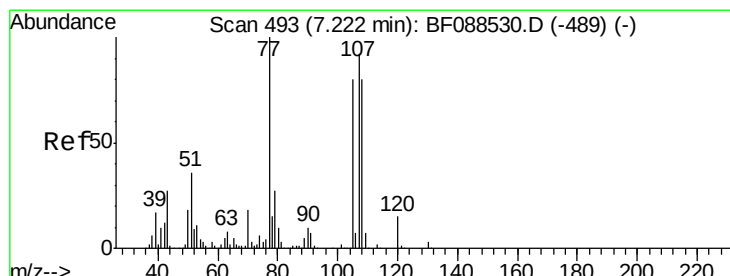
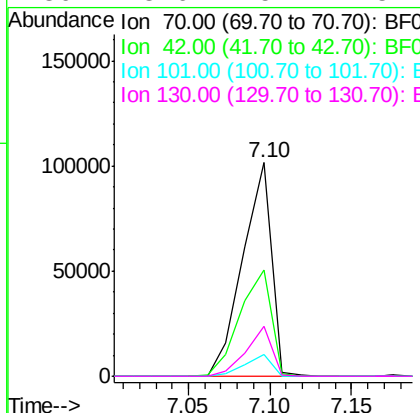




#19
n-Nitroso-di-n-propylamine
Concen: 38.97 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

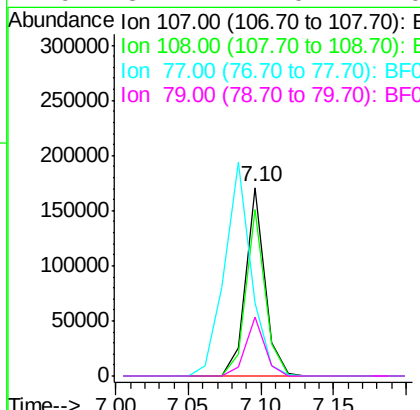
Instrument :
BNA_F
ClientSampleId :

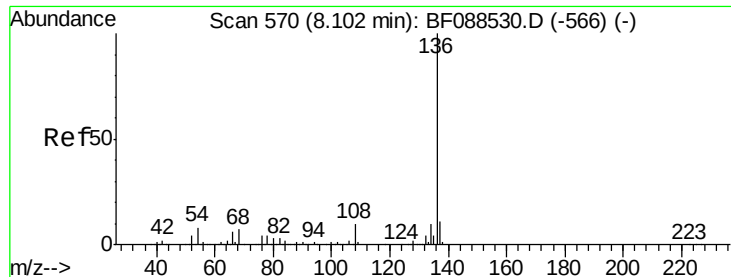
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.6	74.4
101	10.2	7.1	10.7
130	23.6	15.4	23.2#



#20
3+4-Methylphenols
Concen: 40.86 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.8	107.8
77	38.6	59.3	99.3#
79	31.2	7.0	47.0

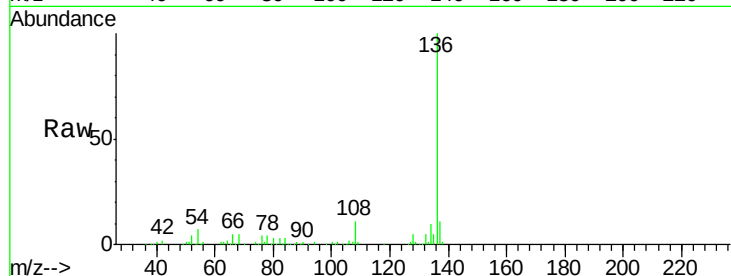




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	230105
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	6.6	6.6 10.0#
68	5.0	5.1 7.7#

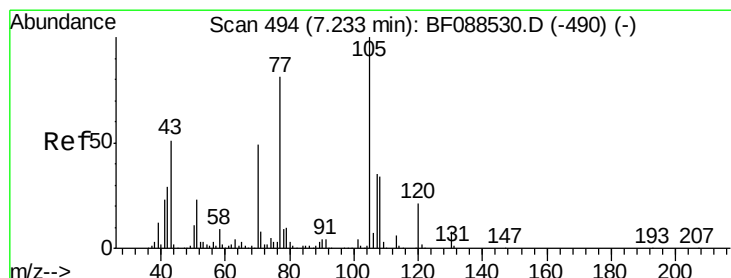
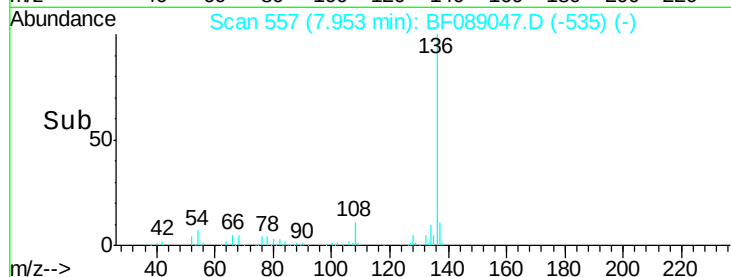
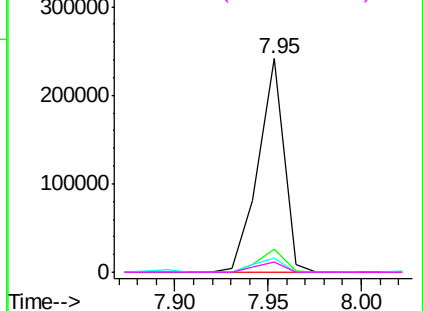


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

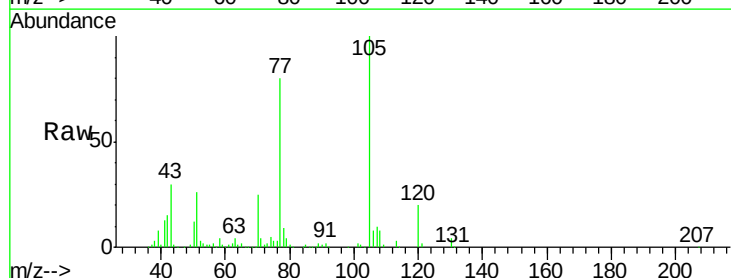
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 43.80 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:105	Resp:	244606
Ion Ratio	Lower	Upper
105	100	
71	4.2	5.3 7.9#
51	26.0	18.2 27.4
120	19.8	18.0 27.0

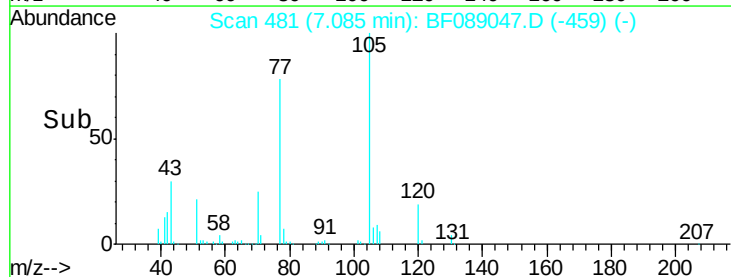
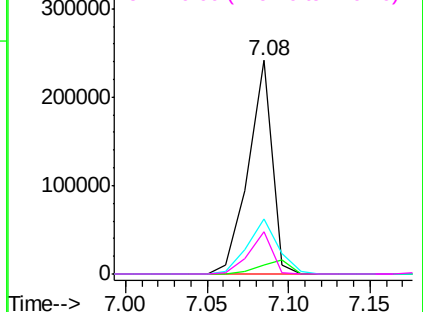


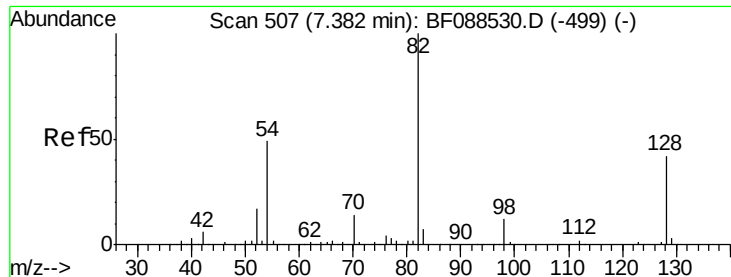
Abundance Ion 105.00 (104.70 to 105.70): E

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

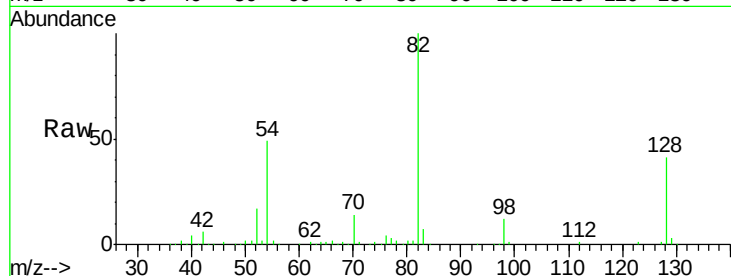




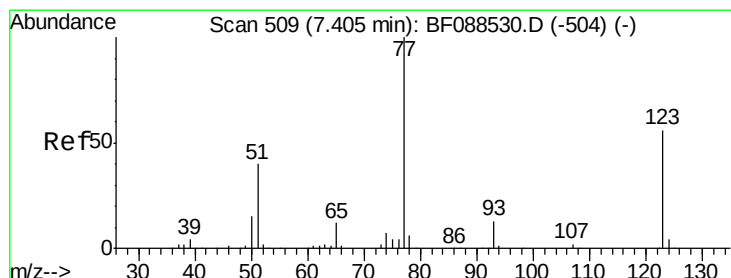
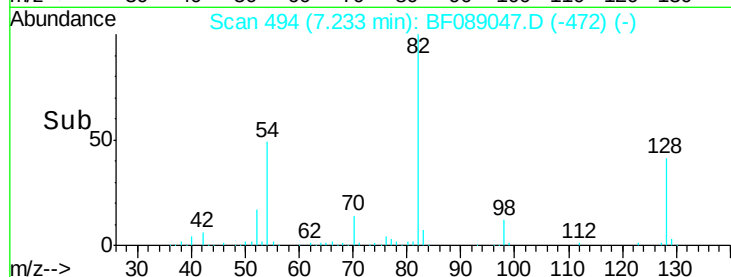
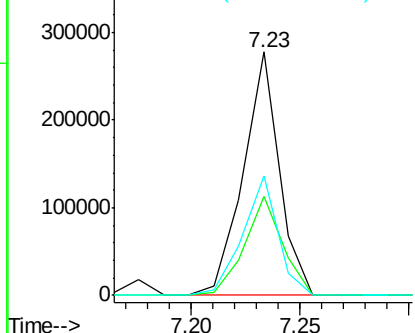
#23
 Nitrobenzene-d5
 Concen: 72.63 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 318911
 Ion Ratio Lower Upper
 82 100
 128 40.9 35.9 53.9
 54 49.3 40.9 61.3

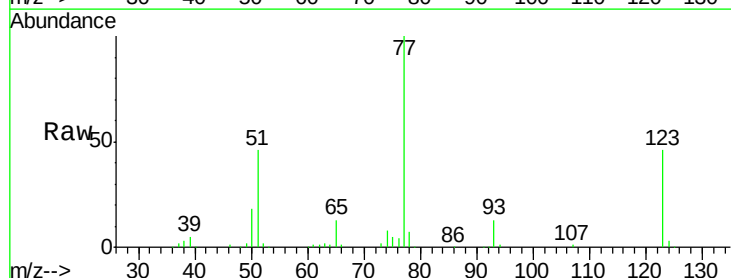


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

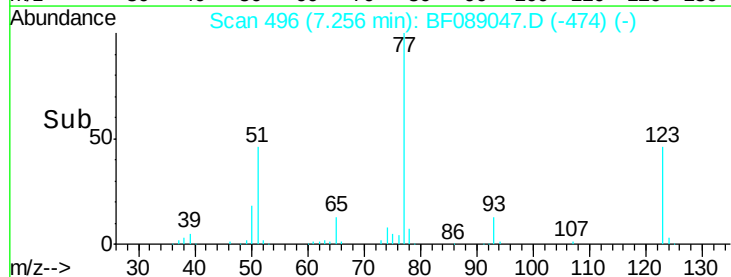
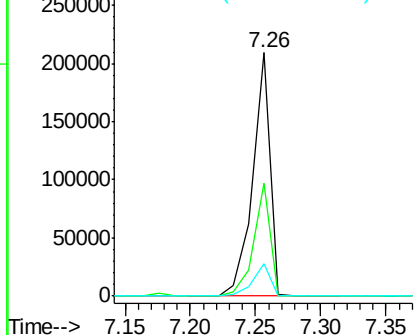


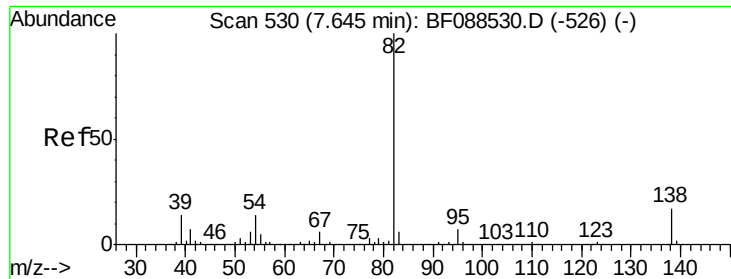
#24
 Nitrobenzene
 Concen: 43.92 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion: 77 Resp: 194428
 Ion Ratio Lower Upper
 77 100
 123 46.4 45.0 67.4
 65 13.4 10.2 15.2



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





#25

Isophorone

Concen: 36.04 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

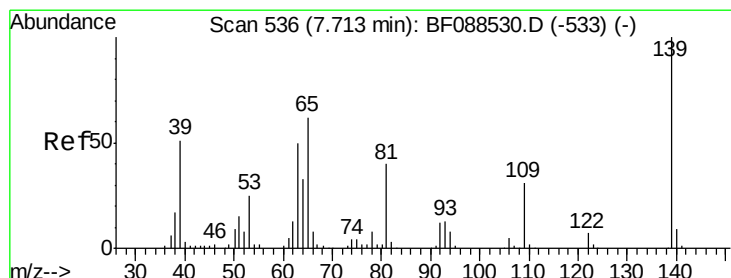
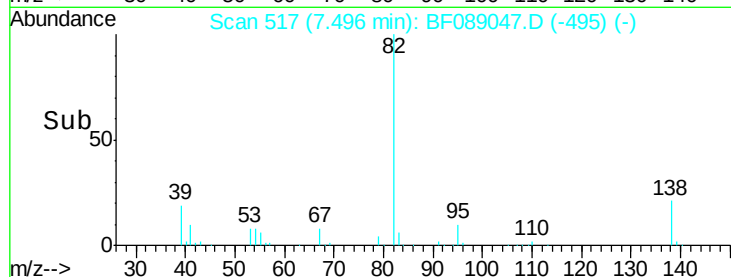
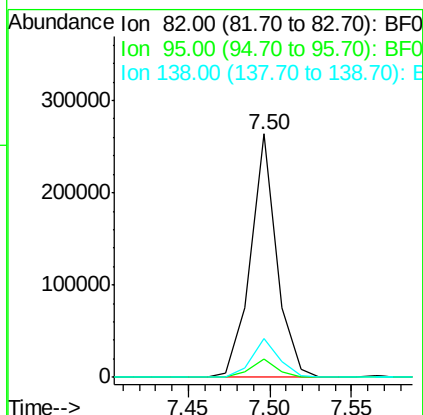
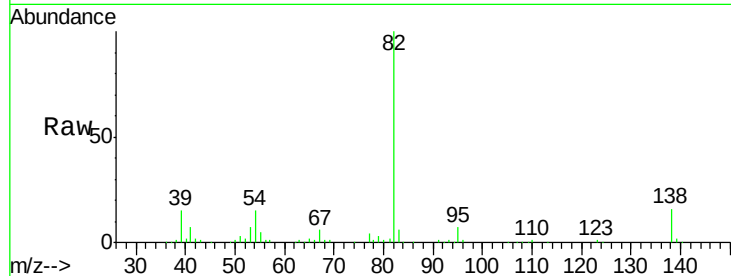
Tot Ion: 82 Resp: 293109

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 15.9 14.6 21.8



#26

2-Nitrophenol

Concen: 44.85 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

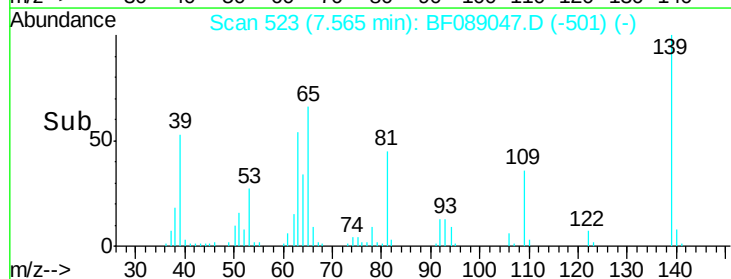
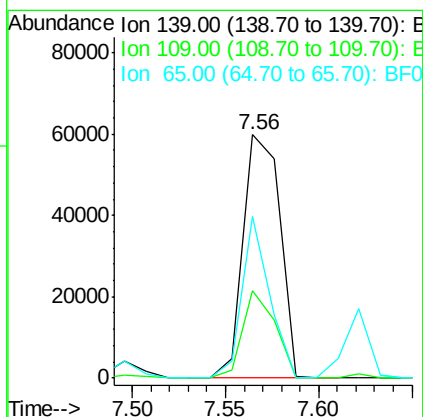
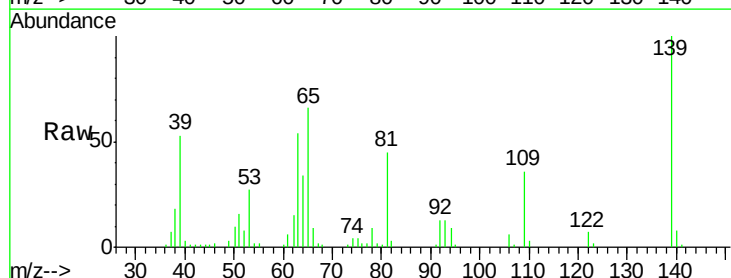
Tgt Ion: 139 Resp: 81424

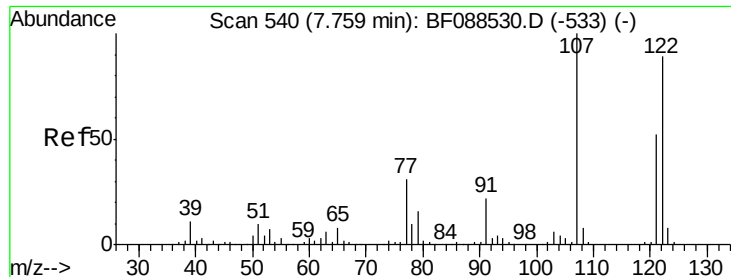
Ion Ratio Lower Upper

139 100

109 35.7 23.0 34.4#

65 66.3 45.8 68.8

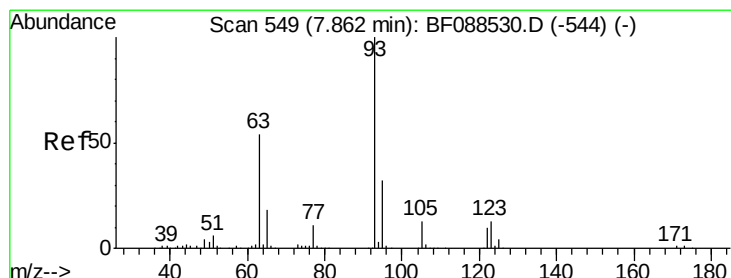
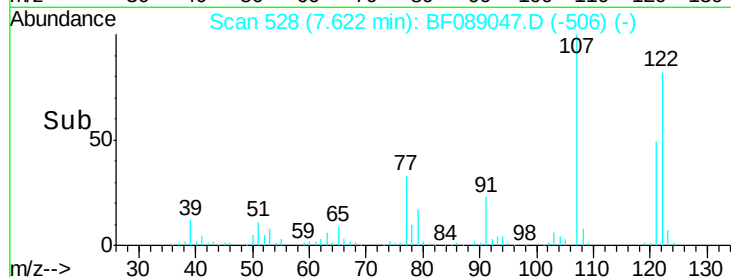
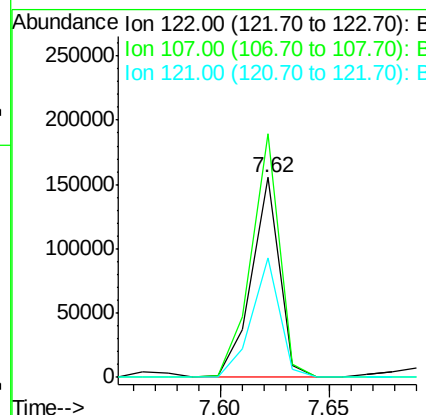
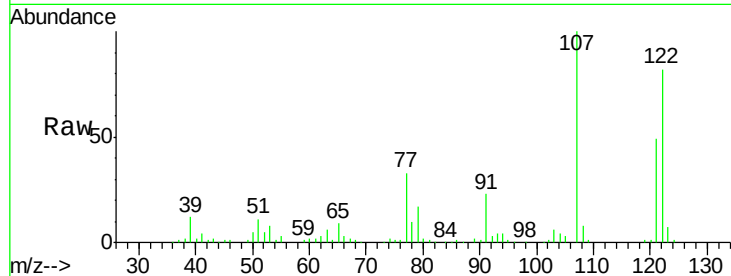




#27
 2,4-Dimethylphenol
 Concen: 37.06 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

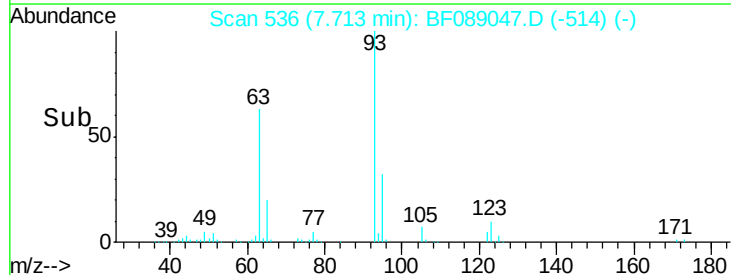
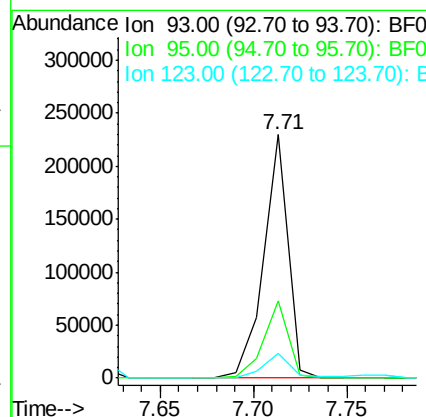
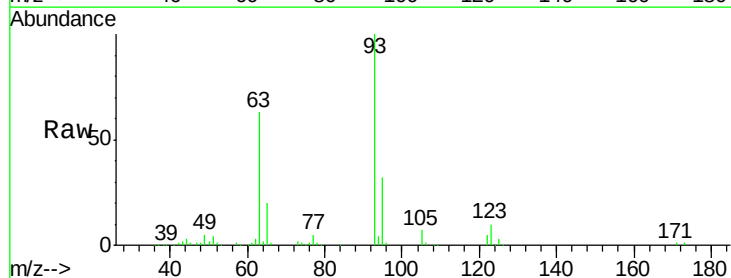
Instrument :
 BNA_F
 ClientSampled :

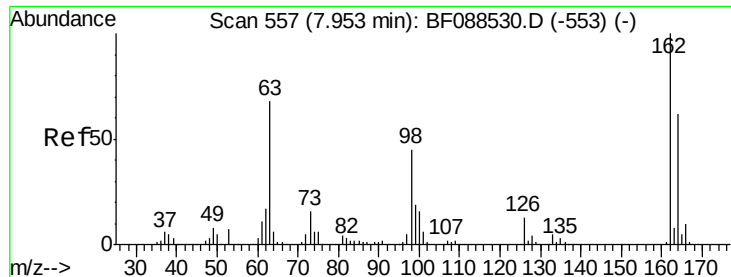
Tot Ion:122 Resp: 140129
 Ion Ratio Lower Upper
 122 100
 107 121.7 82.4 123.6
 121 60.0 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.78 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion: 93 Resp: 205289
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 10.1 11.6 17.4#

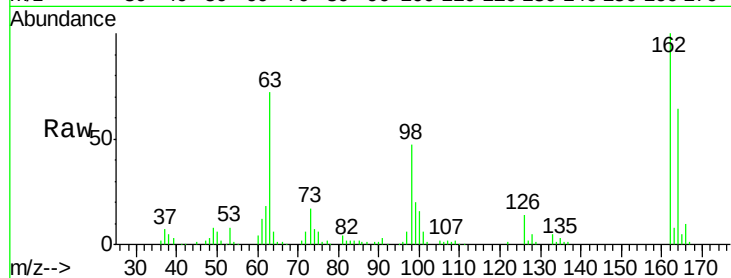




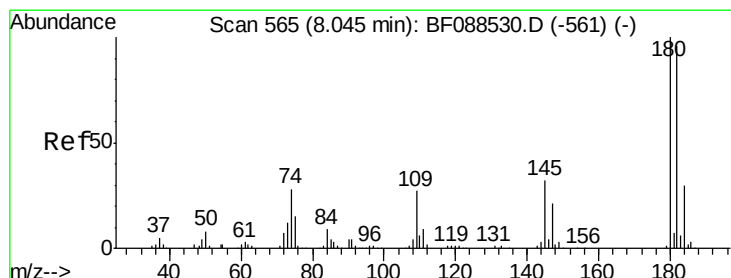
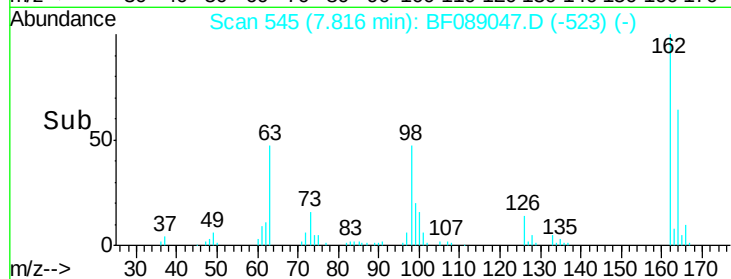
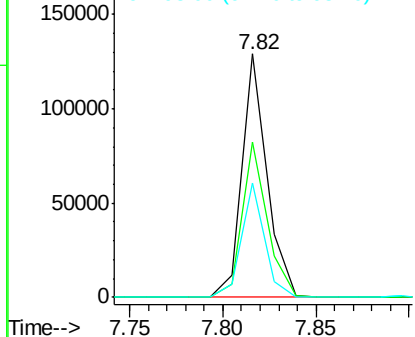
#29
 2,4-Dichlorophenol
 Concen: 39.41 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 120438
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.8 83.8
 98 46.8 21.3 61.3

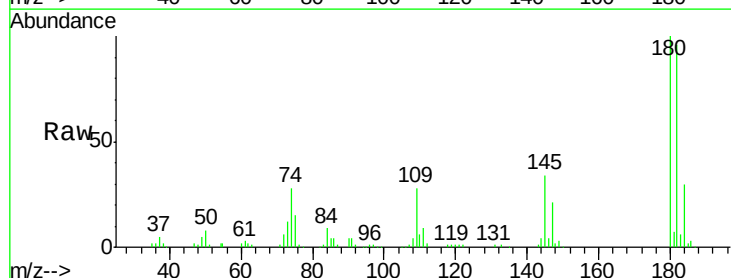


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

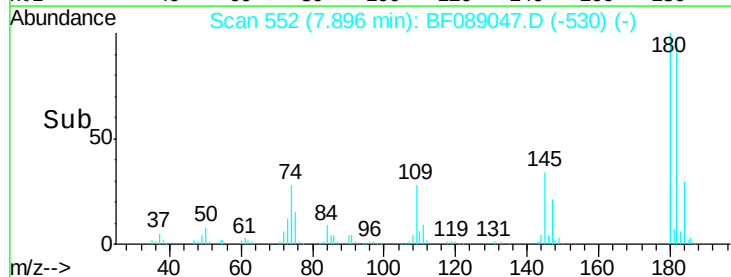
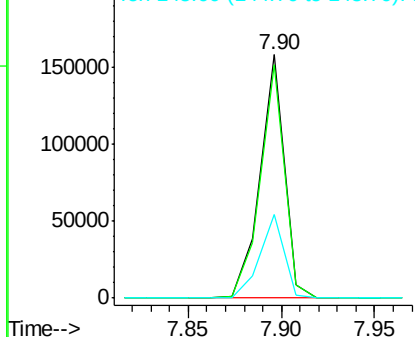


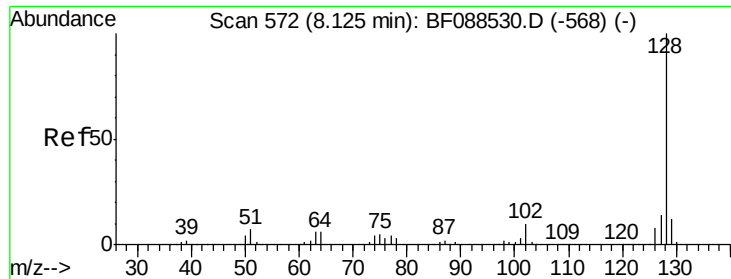
#30
 1,2,4-Trichlorobenzene
 Concen: 42.23 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:180 Resp: 141619
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 145 34.4 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

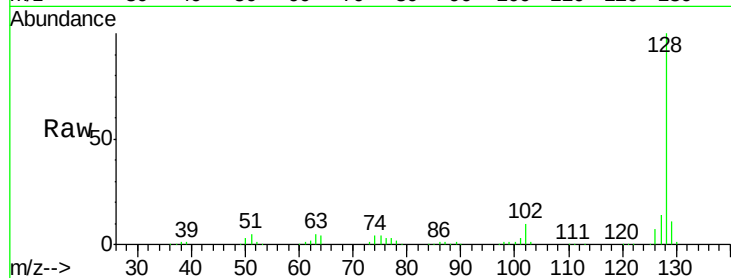




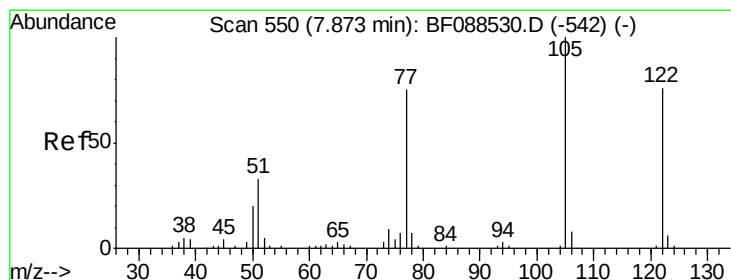
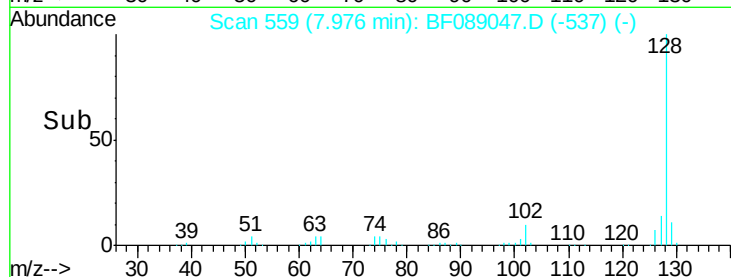
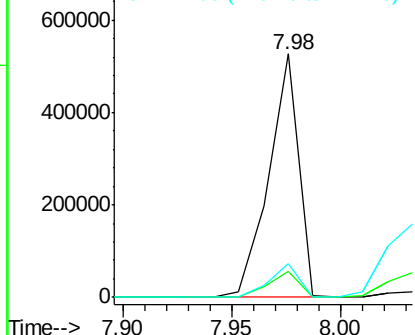
#31
Naphthalene
Concen: 44.78 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 507940
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.6 10.9 16.3

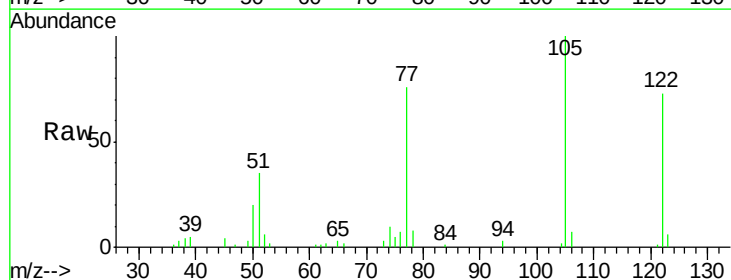


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

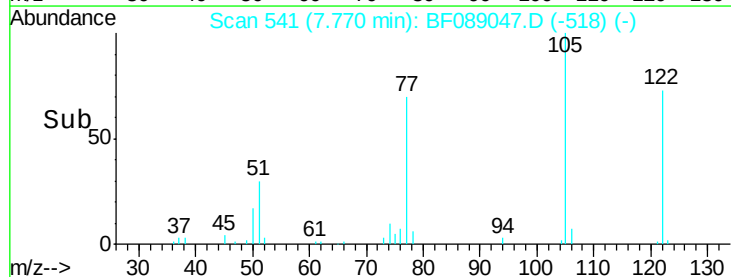
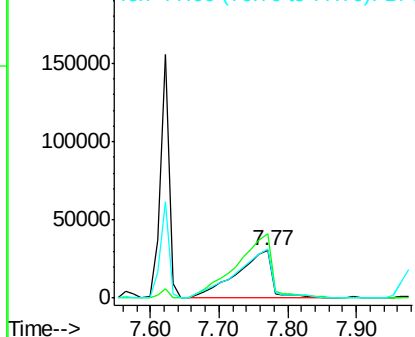


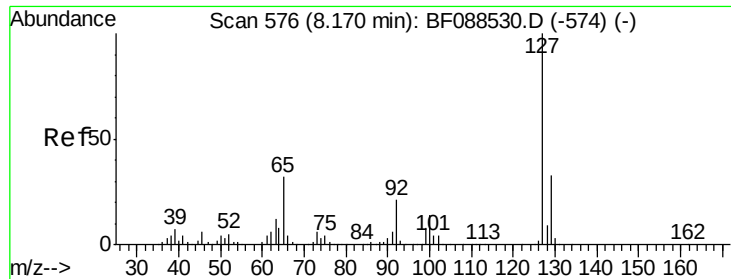
#32
Benzoic acid
Concen: 39.61 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:122 Resp: 108753
Ion Ratio Lower Upper
122 100
105 136.2 101.6 141.6
77 103.8 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

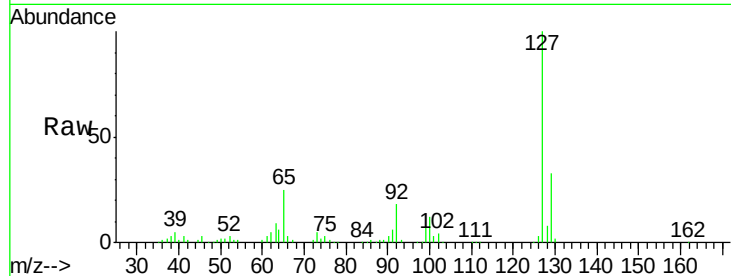




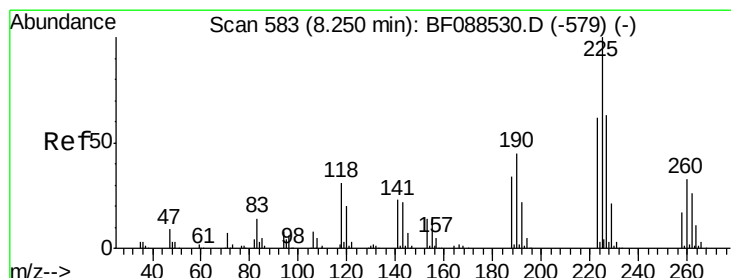
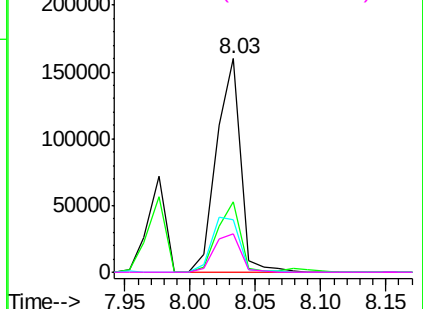
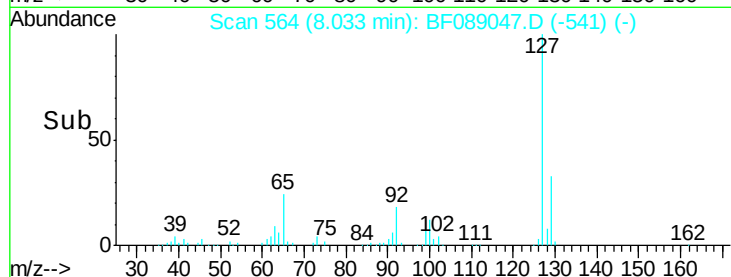
#33
4-Chloroaniline
Concen: 40.89 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	206369
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	24.7	24.7	37.1#
92	18.0	15.4	23.0

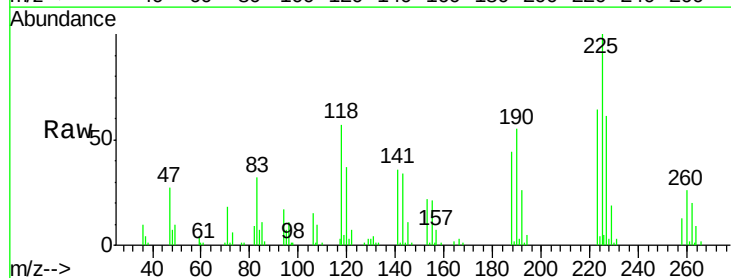


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

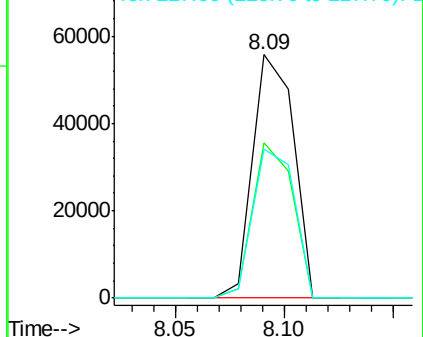
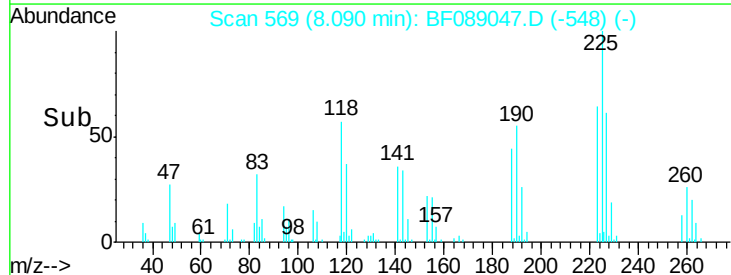


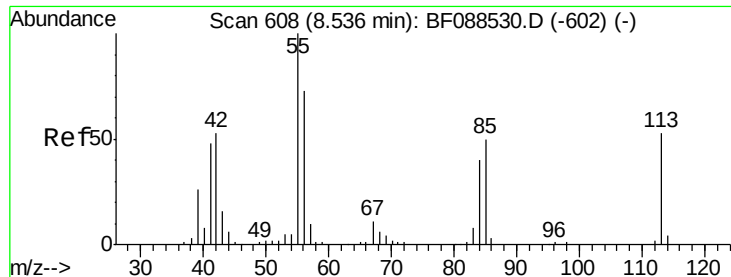
#34
Hexachlorobutadiene
Concen: 40.84 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:	225	Resp:	73328
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	60.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

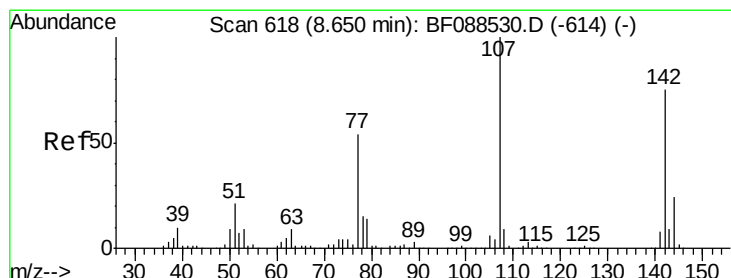
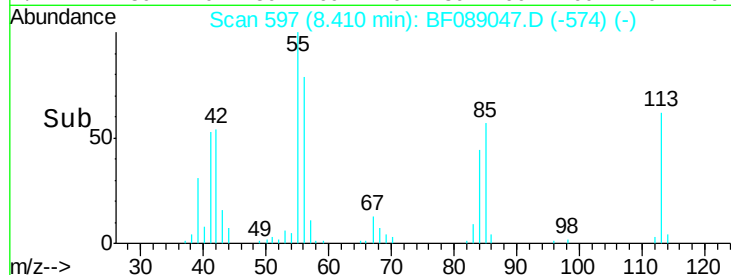
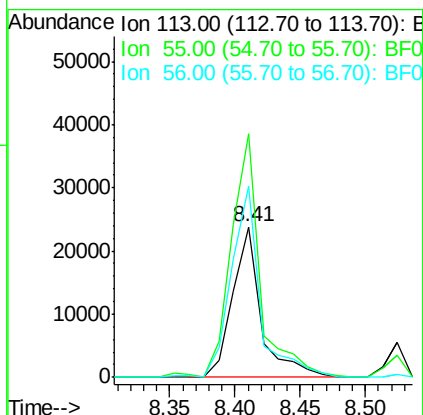
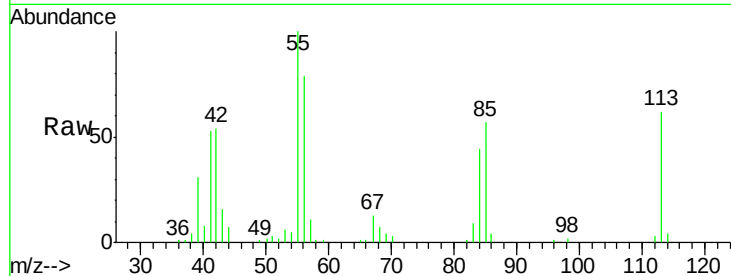




#35
 Caprolactam
 Concen: 34.90 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

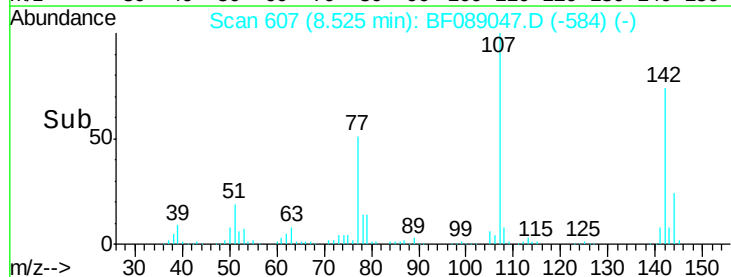
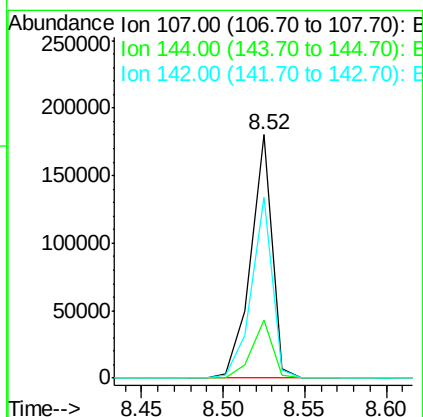
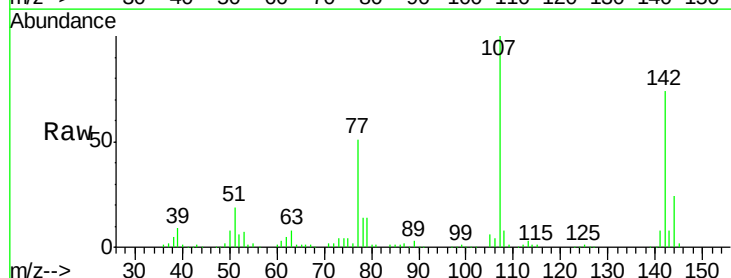
Instrument :
 BNA_F
 ClientSampled :

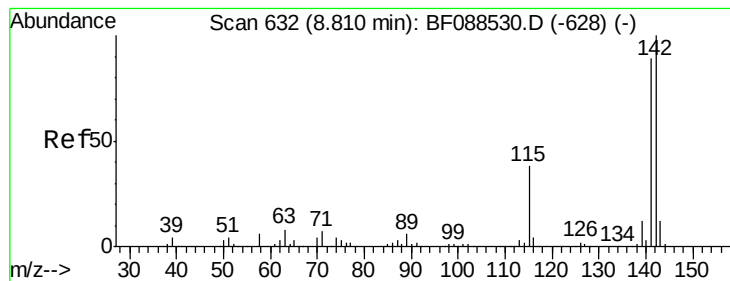
Tot Ion:113 Resp: 36222
 Ion Ratio Lower Upper
 113 100
 55 161.5 158.6 198.6
 56 127.1 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.59 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:107 Resp: 164763
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.8 31.2
 142 74.3 63.4 95.2





#37

2-Methylnaphthalene

Concen: 39.42 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

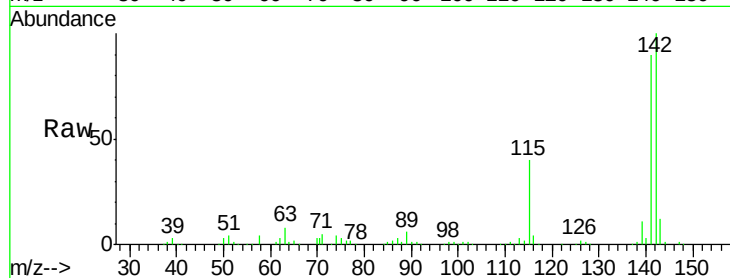
Tot Ion:142 Resp: 287971

Ion Ratio Lower Upper

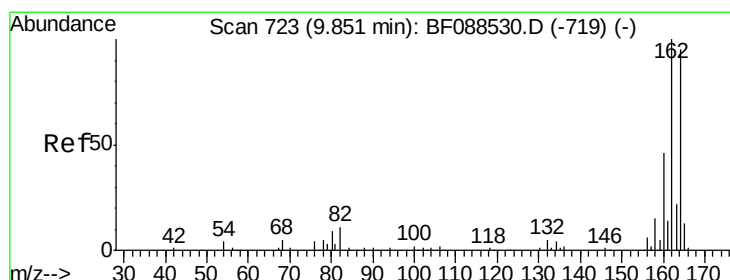
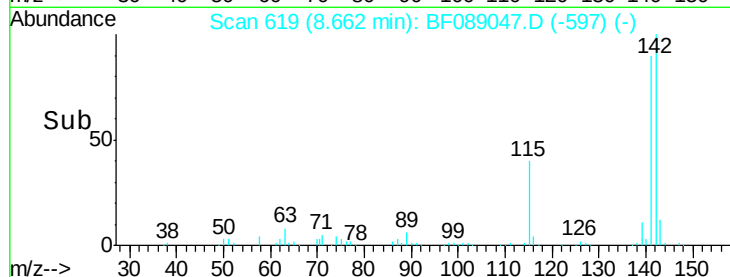
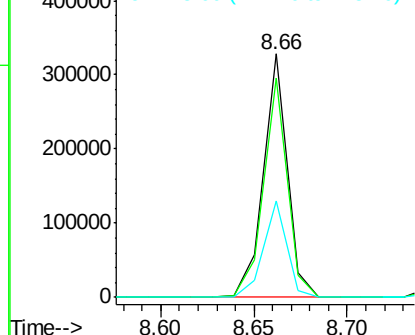
142 100

141 90.1 71.0 106.6

115 39.5 22.6 33.8#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

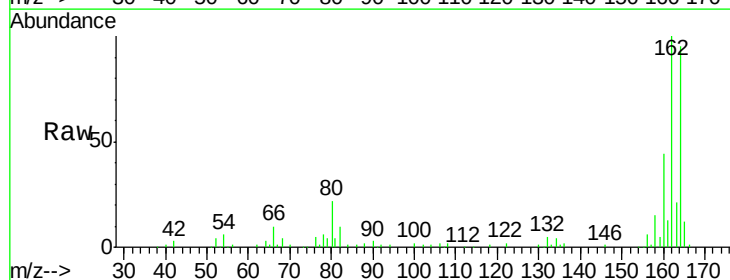
Tgt Ion:164 Resp: 104151

Ion Ratio Lower Upper

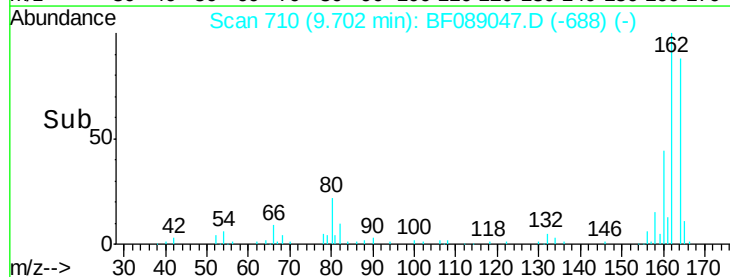
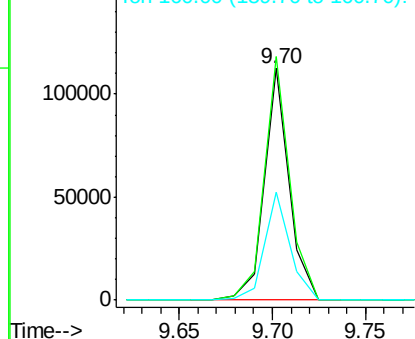
164 100

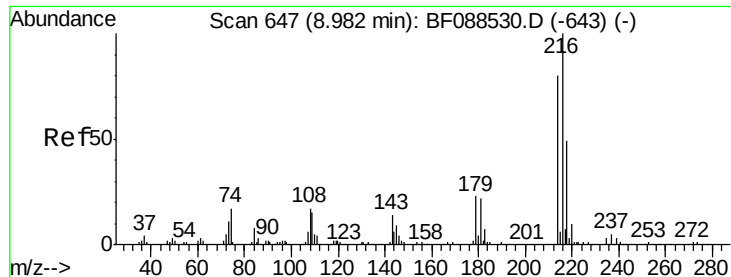
162 104.9 85.4 128.2

160 46.6 39.5 59.3



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

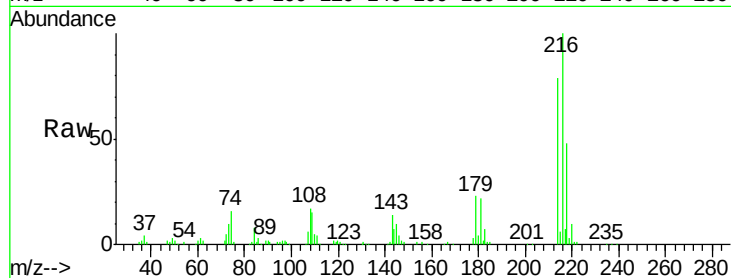




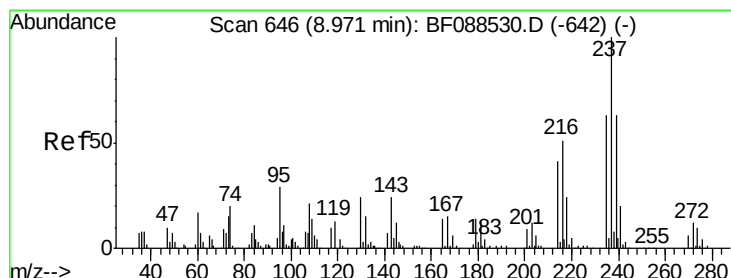
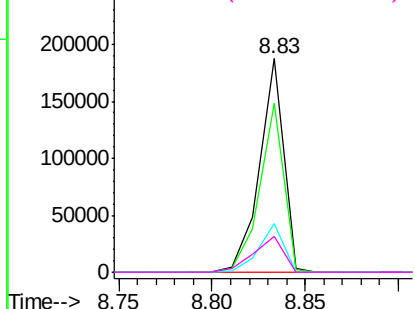
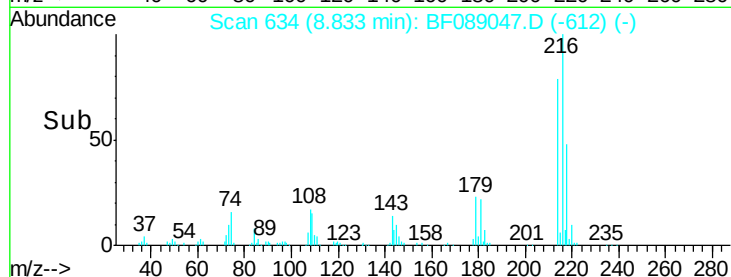
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.18 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 166914
 Ion Ratio Lower Upper
 216 100
 214 78.8 2.9 4.3#
 179 23.5 0.0 0.0#
 108 20.6 0.5 0.7#

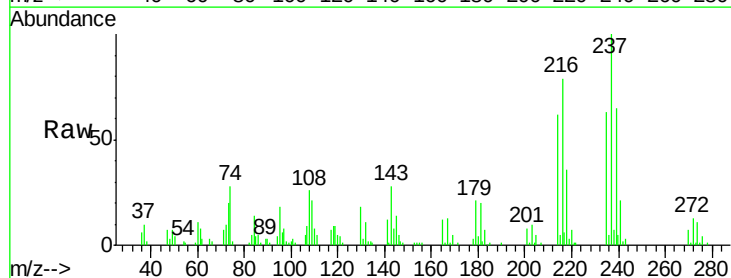


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

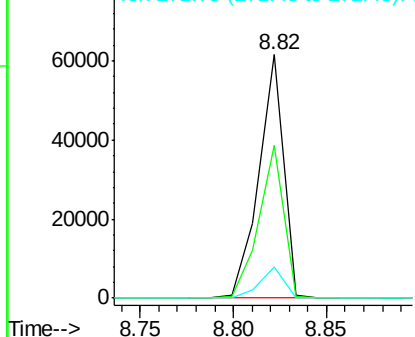
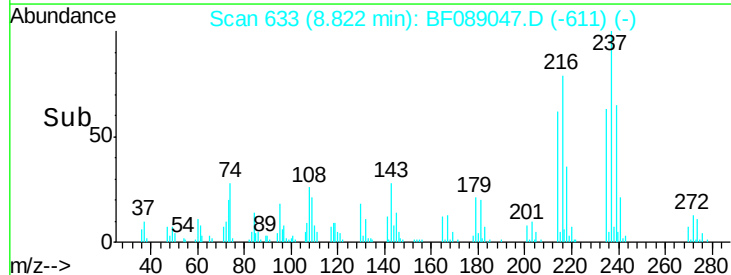


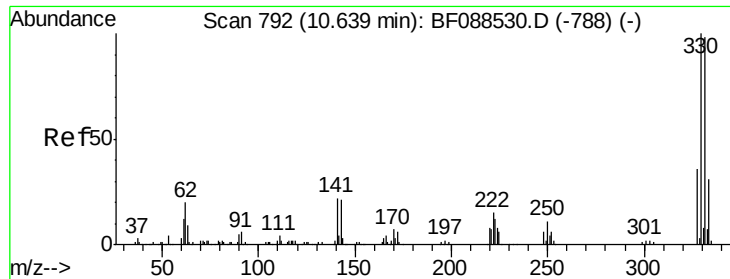
#40
 Hexachlorocyclopentadiene
 Concen: 32.99 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:237 Resp: 56095
 Ion Ratio Lower Upper
 237 100
 235 63.0 43.4 83.4
 272 12.9 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

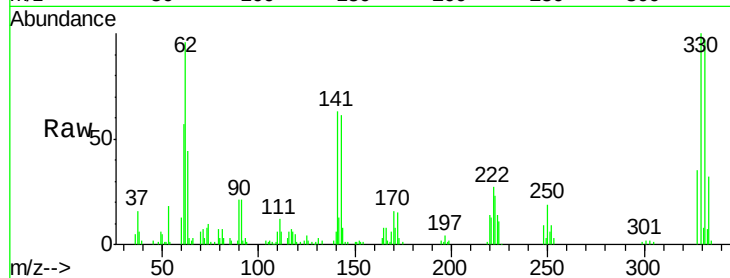




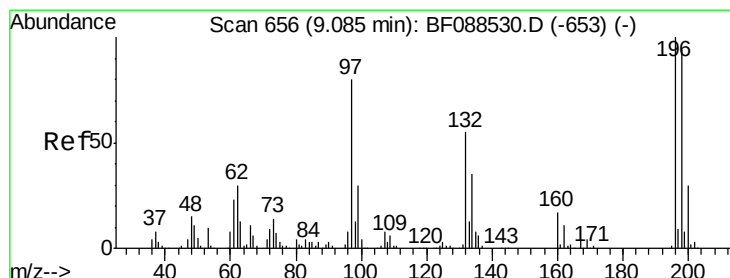
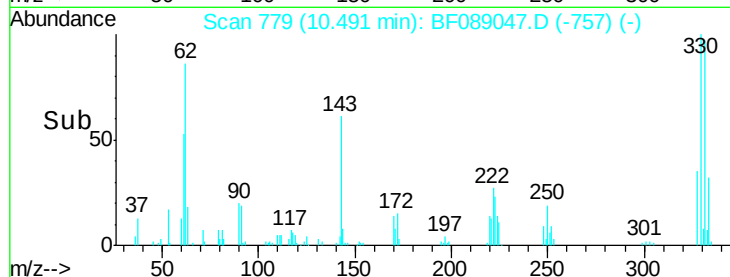
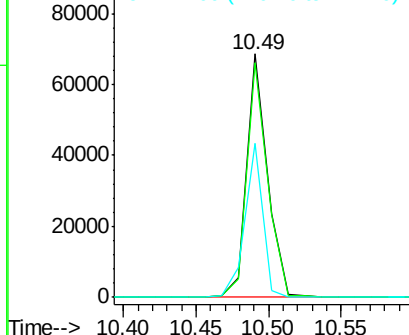
#41
 2,4,6-Tribromophenol
 Concen: 70.63 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 68307
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 54.3 0.0 0.0#

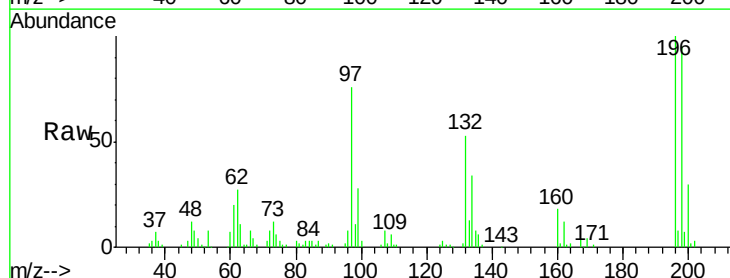


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

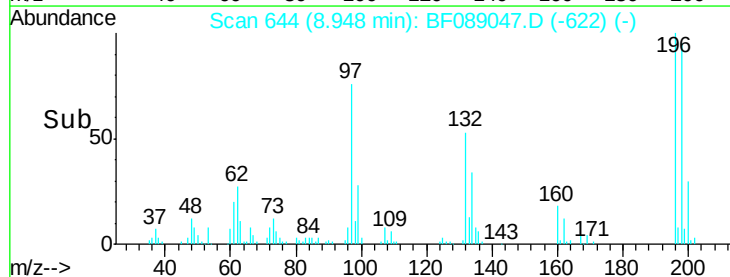
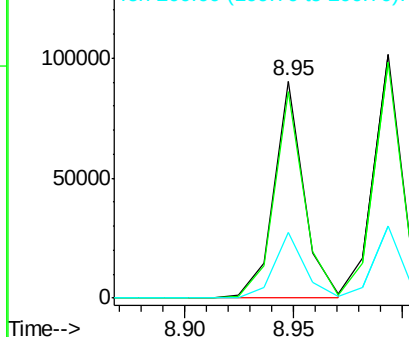


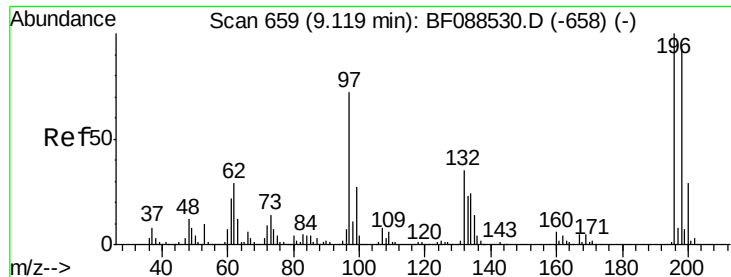
#42
 2,4,6-Trichlorophenol
 Concen: 38.01 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:196 Resp: 86824
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.0 117.0
 200 30.0 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

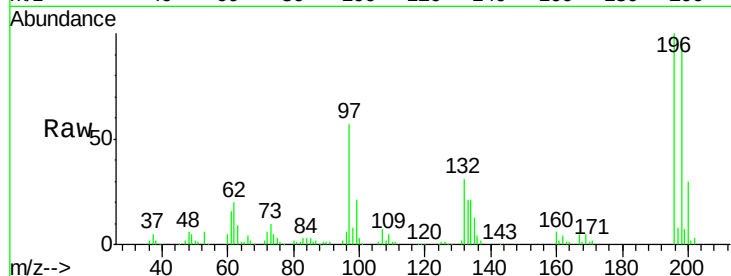




#43
 2,4,5-Trichlorophenol
 Concen: 47.03 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.5	116.3
97	57.2	32.0	48.0
132	30.9	20.9	31.3



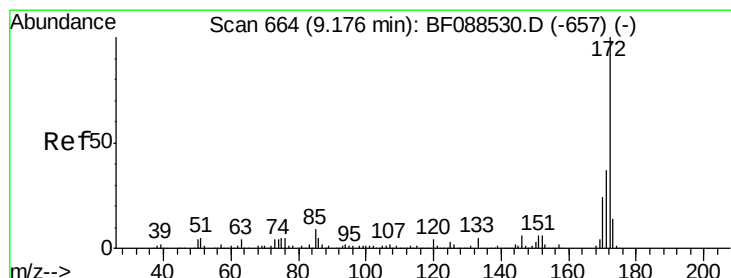
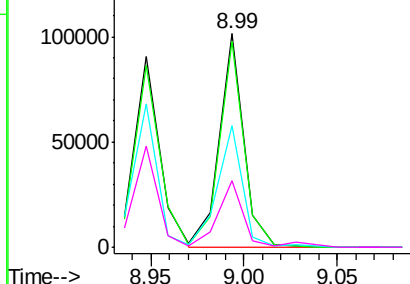
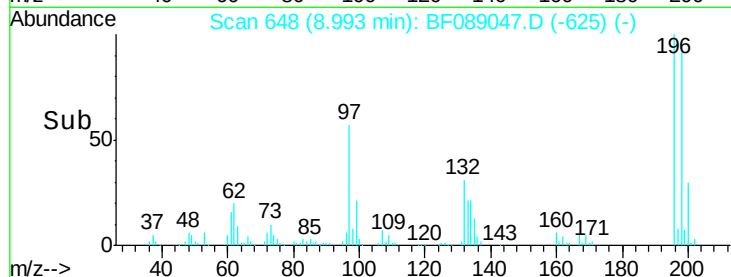
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

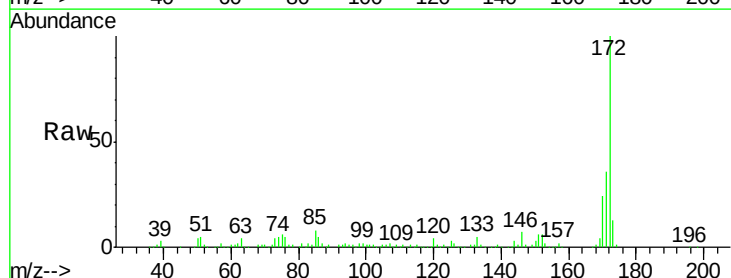
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.43 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	19.2	28.8

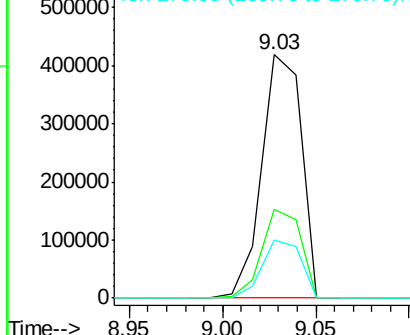
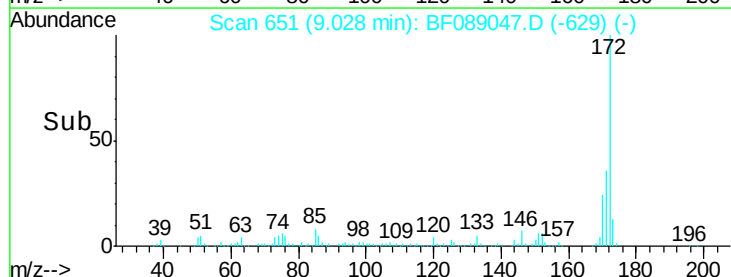


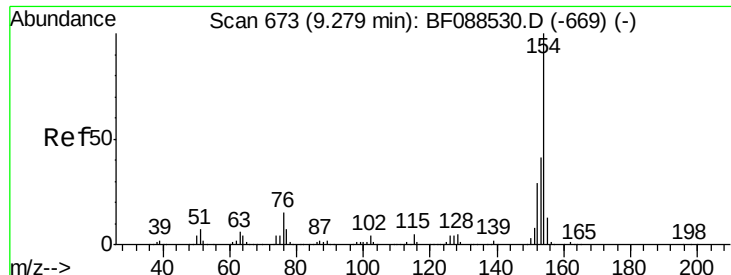
Abundance

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: 43.02 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

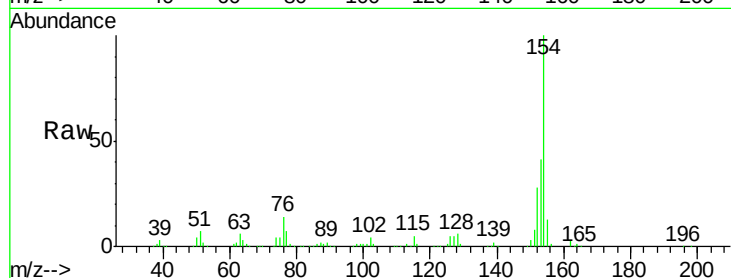
Tot Ion:154 Resp: 371023

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

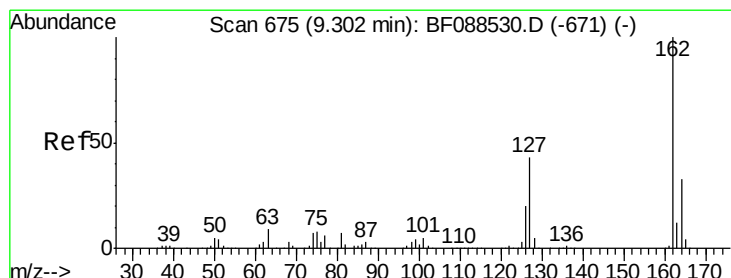
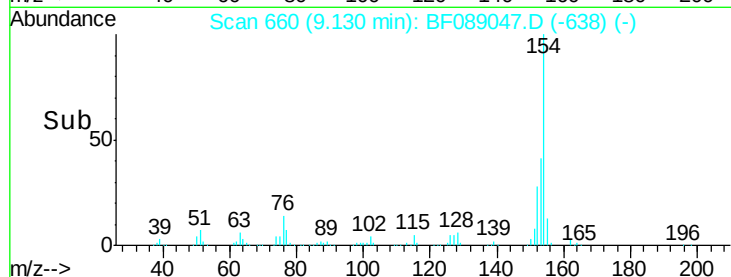
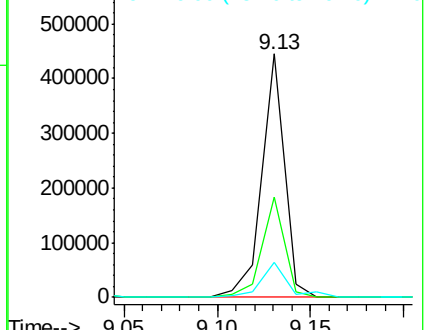
76 14.1 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.02 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

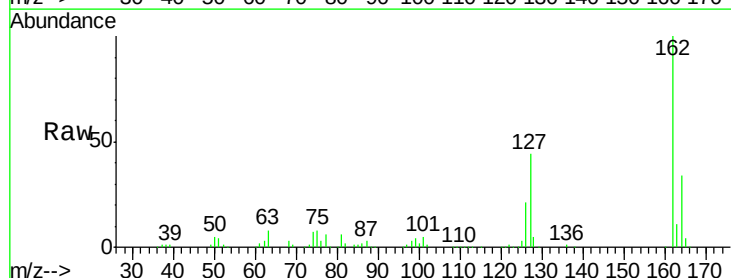
Tgt Ion:162 Resp: 298058

Ion Ratio Lower Upper

162 100

127 44.3 35.2 52.8

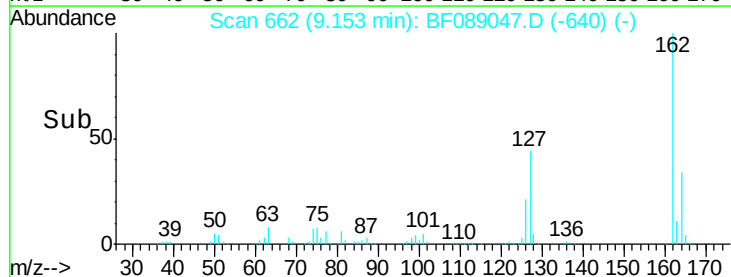
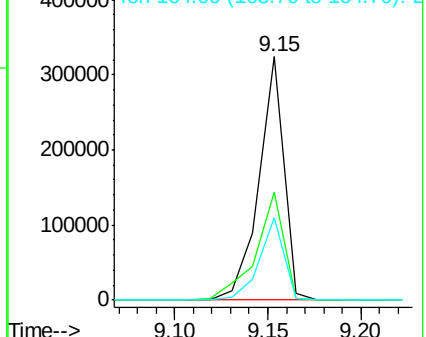
164 33.6 26.6 39.8

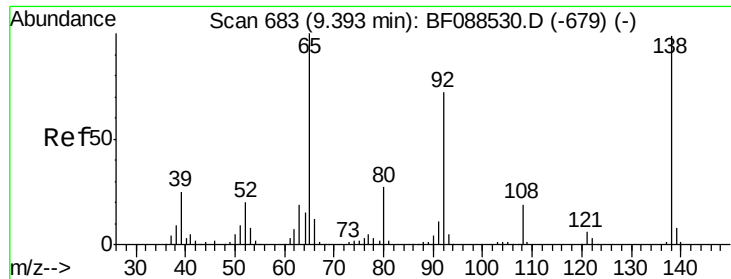


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

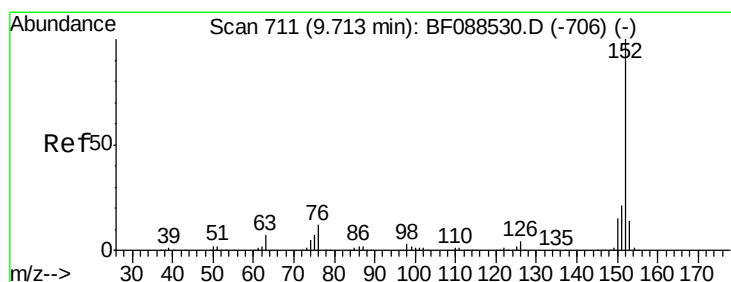
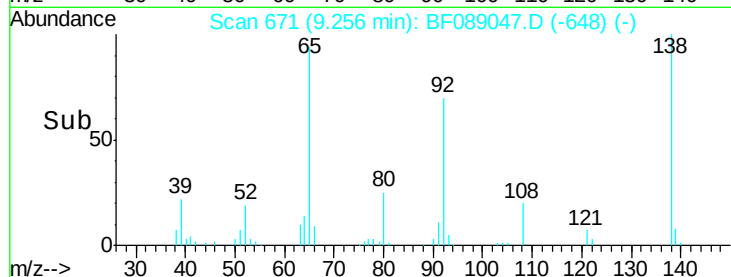
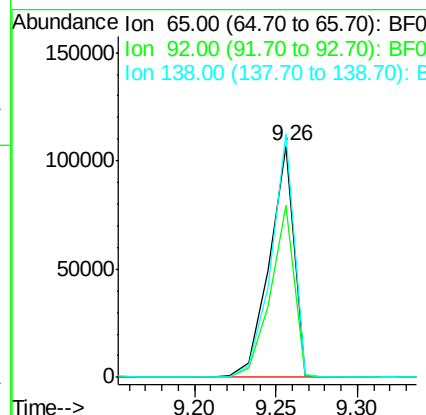
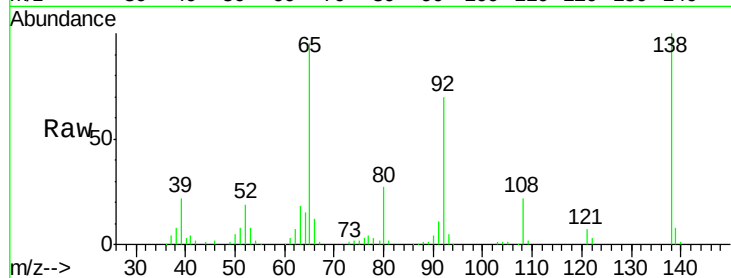




#47
2-Nitroaniline
Concen: 46.81 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

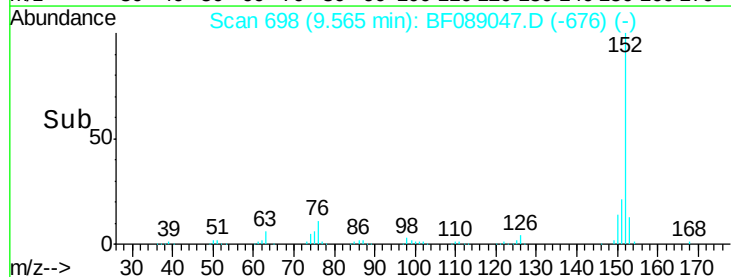
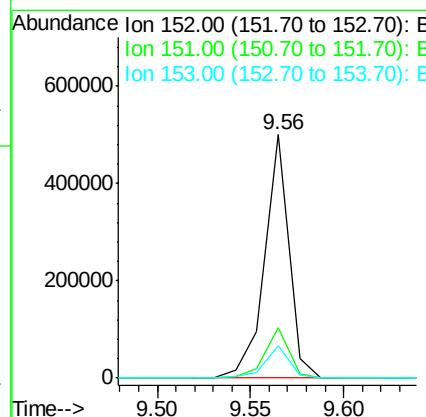
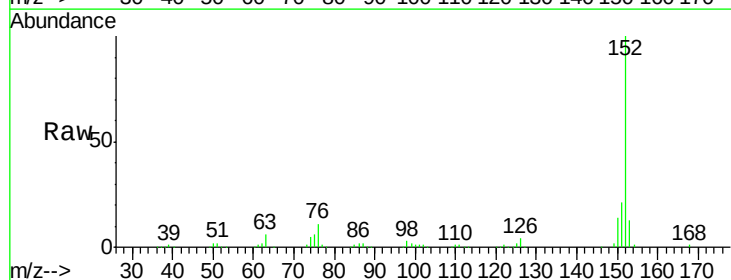
Instrument :
BNA_F
ClientSampleId :

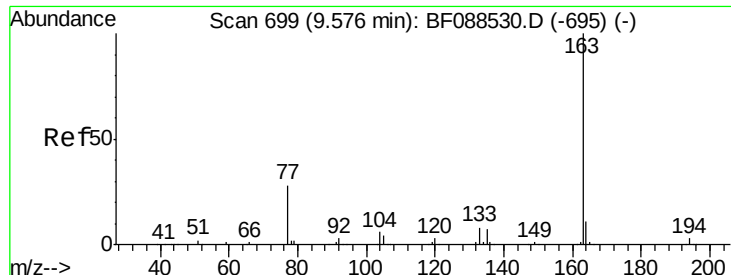
Tot Ion: 65 Resp: 112467
Ion Ratio Lower Upper
65 100
92 74.2 54.6 82.0
138 105.2 77.0 115.4



#48
Acenaphthylene
Concen: 41.57 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion: 152 Resp: 447831
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 11.0 16.6

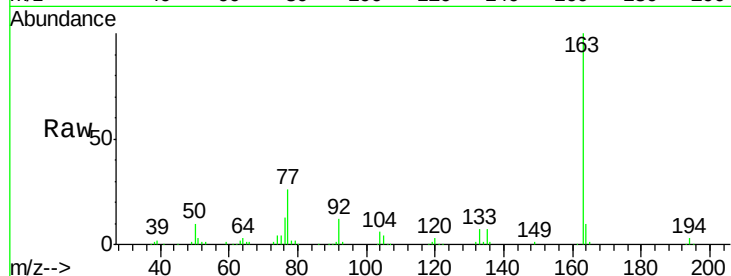




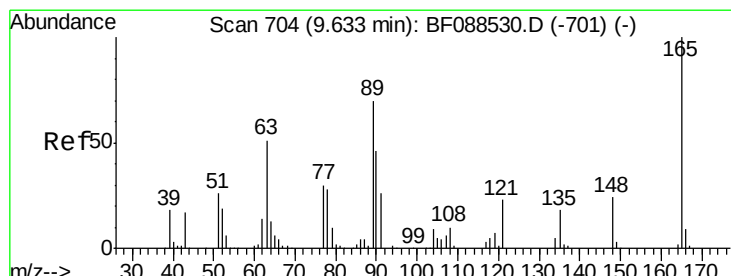
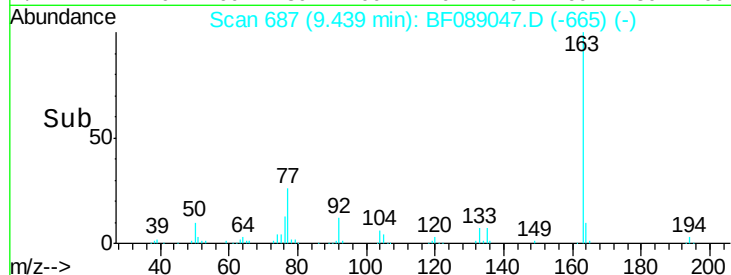
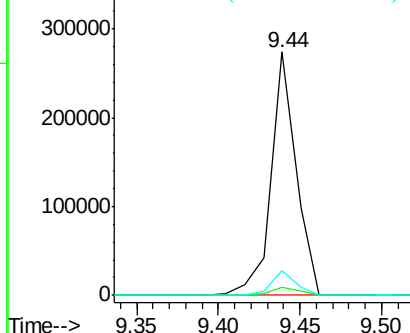
#49
Dimethylphthalate
Concen: 39.57 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 293590
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.2 8.3 12.5

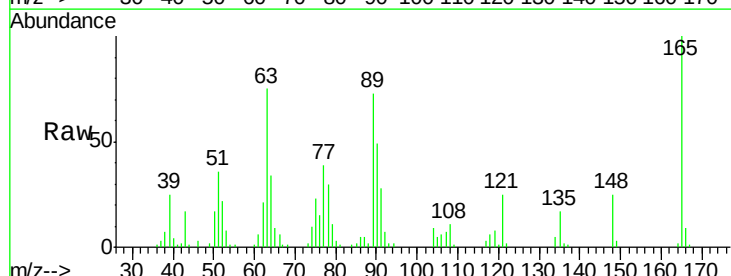


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

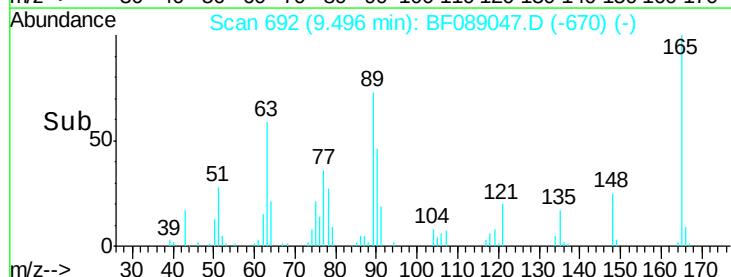
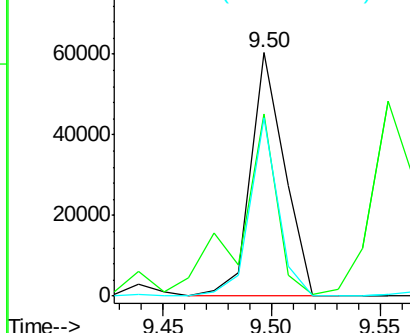


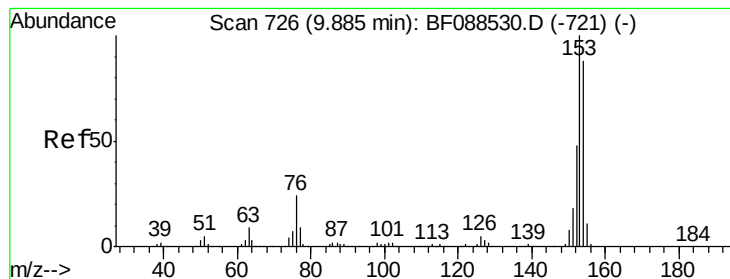
#50
2,6-Dinitrotoluene
Concen: 39.64 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:165 Resp: 65185
Ion Ratio Lower Upper
165 100
63 74.8 28.1 42.1#
89 73.5 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: 41.33 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

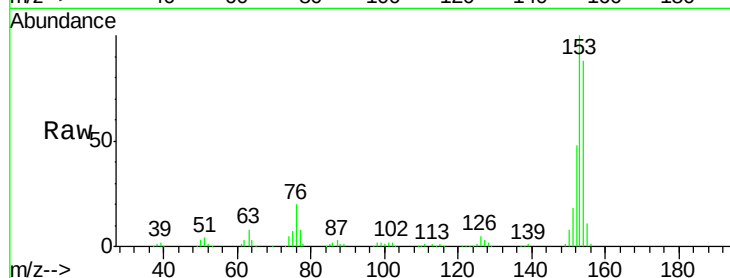
Tot Ion:154 Resp: 272908

Ion Ratio Lower Upper

154 100

153 113.7 89.5 134.3

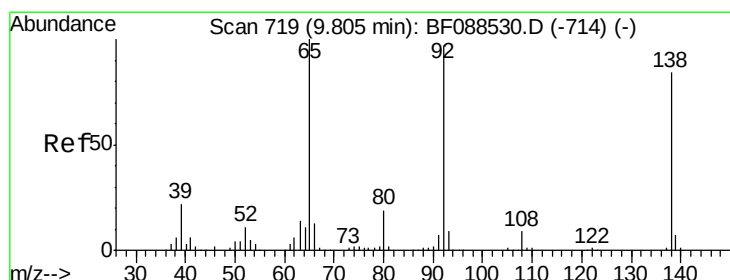
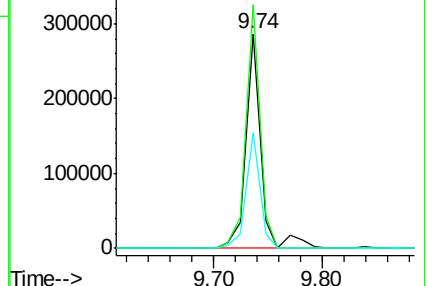
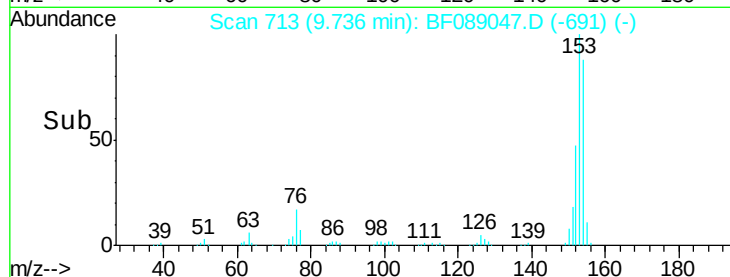
152 54.2 42.7 64.1



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: 41.38 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

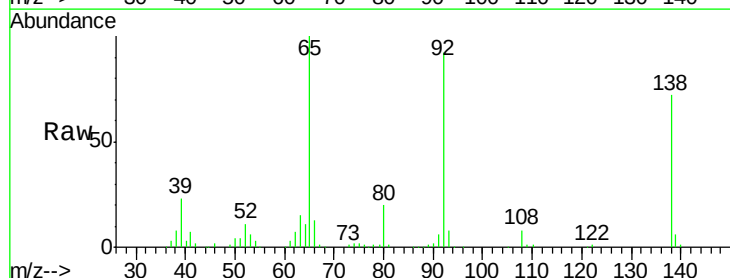
Tgt Ion:138 Resp: 86511

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

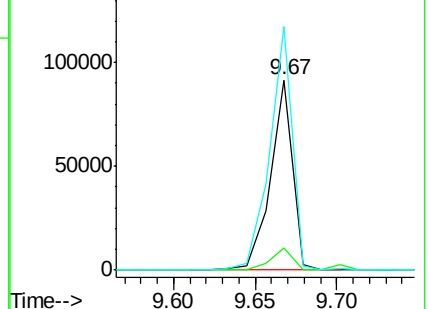
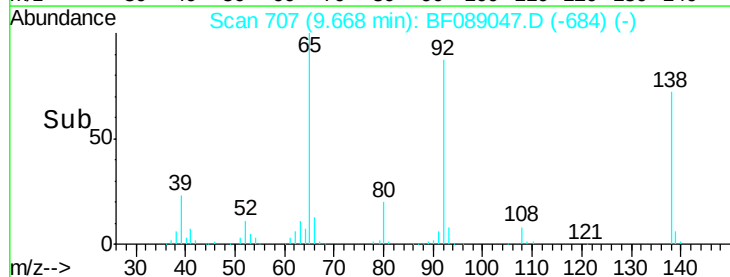
92 127.9 95.7 143.5

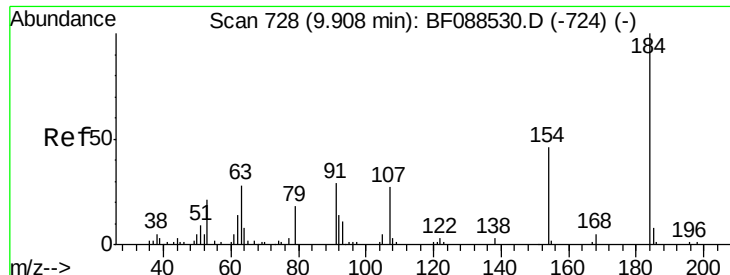


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

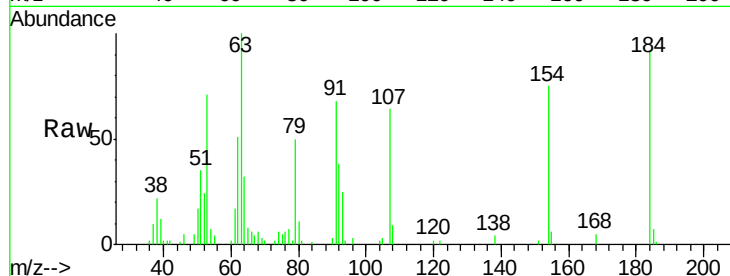




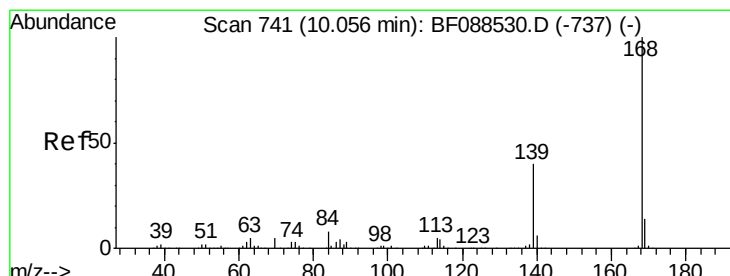
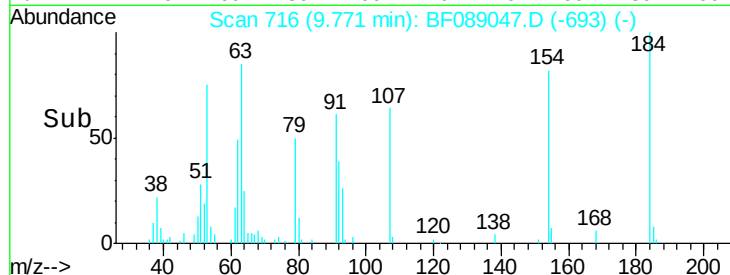
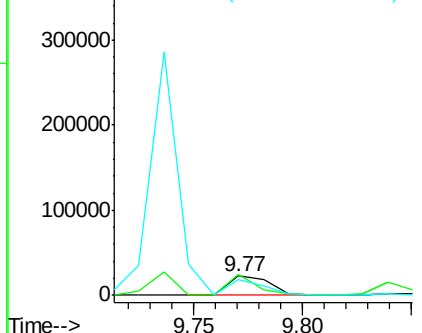
#53
2,4-Dinitrophenol
Concen: 41.92 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 30439
Ion Ratio Lower Upper
184 100
63 108.9 57.6 86.4#
154 82.1 53.5 80.3#

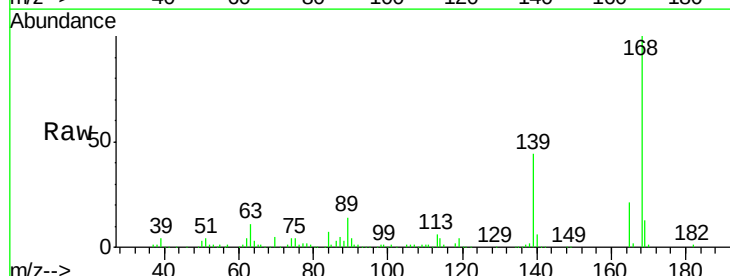


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

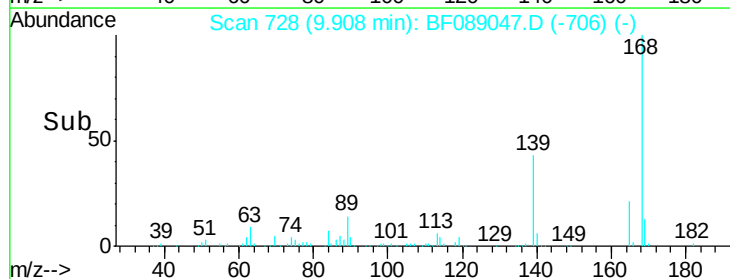
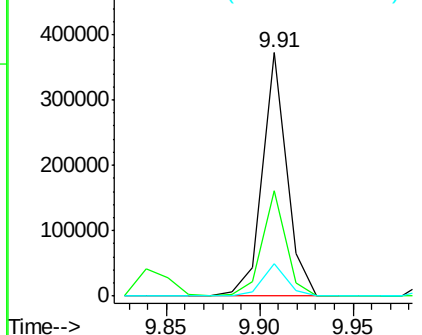


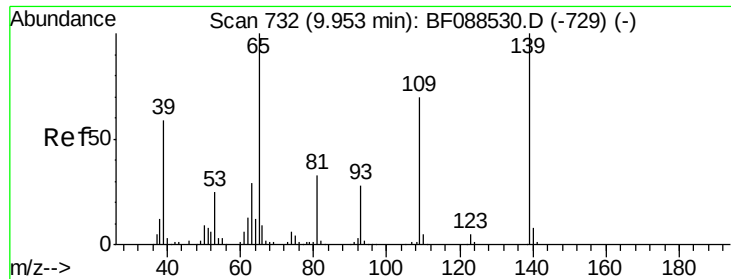
#54
Dibenzofuran
Concen: 38.88 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:168 Resp: 336040
Ion Ratio Lower Upper
168 100
139 43.5 26.4 39.6#
169 13.5 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

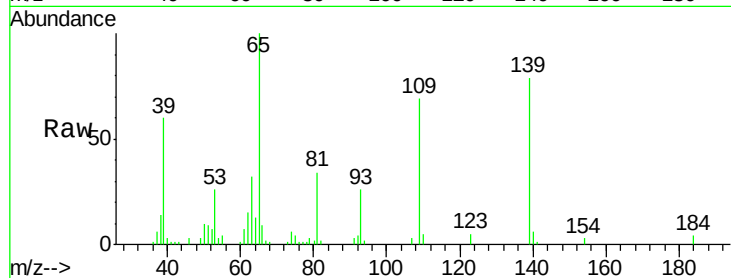




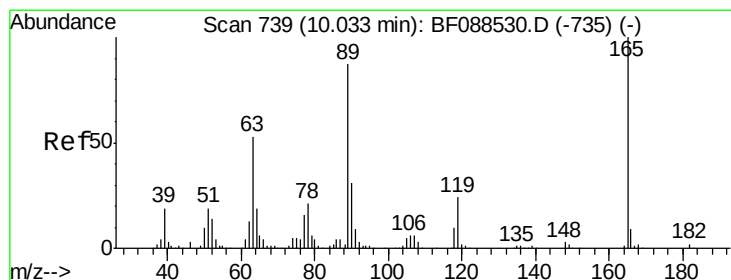
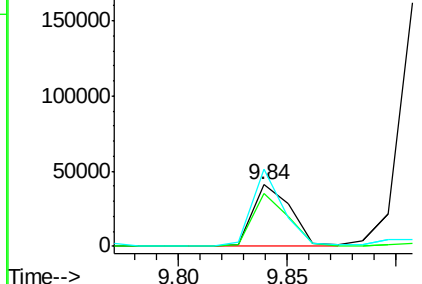
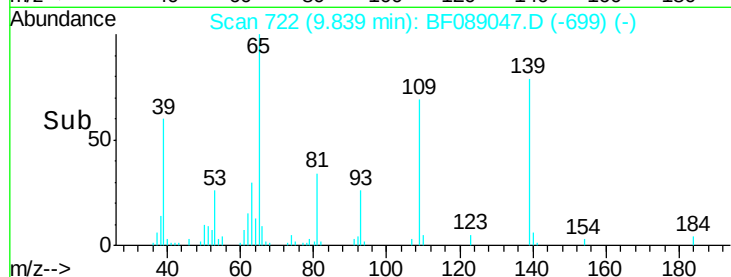
#55
4-Nitrophenol
Concen: 31.98 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 50804
Ion Ratio Lower Upper
139 100
109 86.9 48.9 88.9
65 126.1 84.9 124.9#

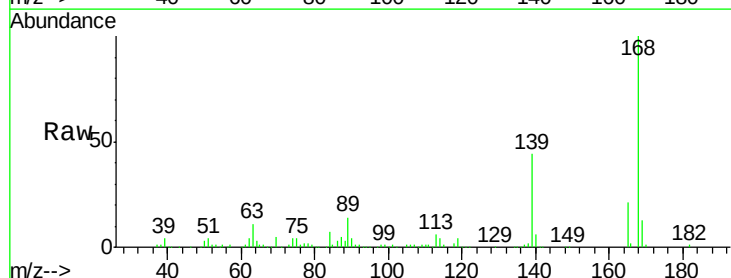


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

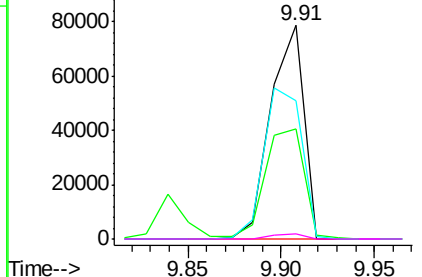
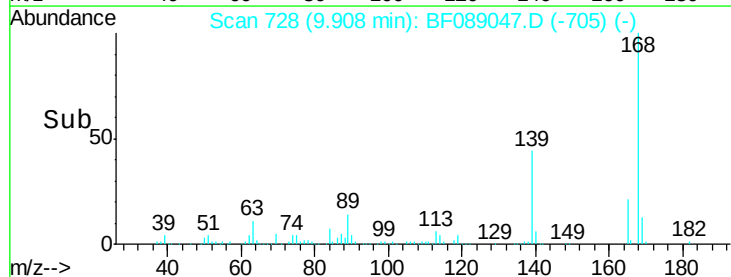


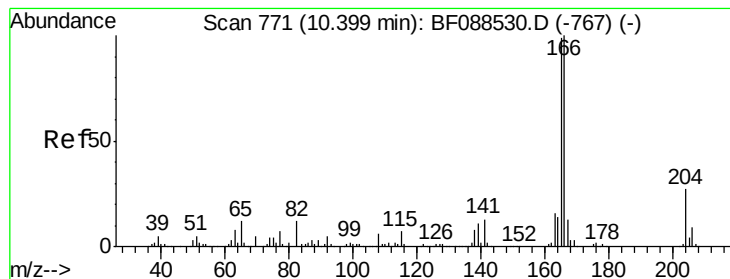
#56
2,4-Dinitrotoluene
Concen: 45.43 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:165 Resp: 97689
Ion Ratio Lower Upper
165 100
63 51.6 22.0 33.0#
89 64.5 41.1 61.7#
182 2.6 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: 44.61 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

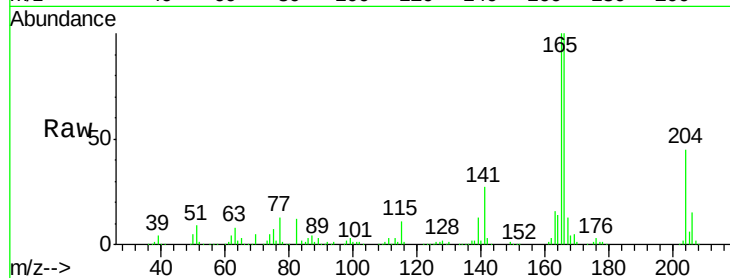
Tot Ion:166 Resp: 297105

Ion Ratio Lower Upper

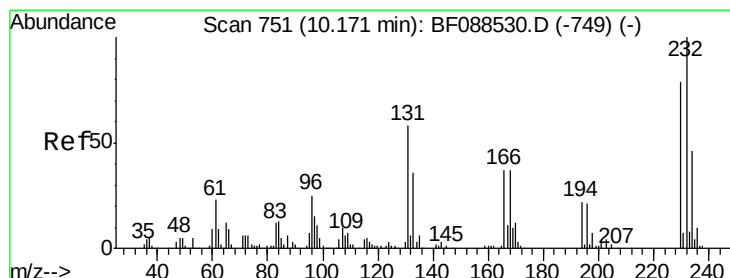
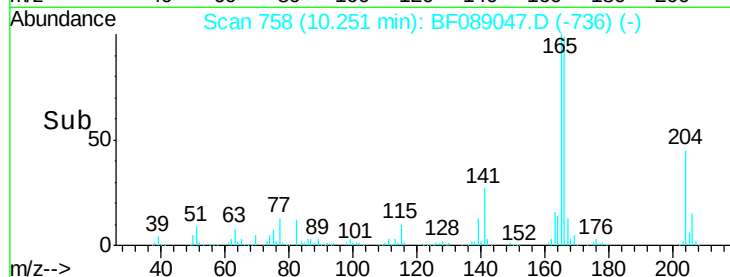
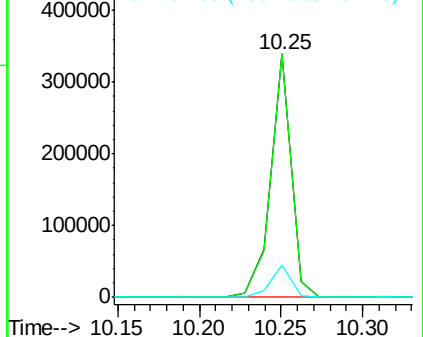
166 100

165 100.2 77.8 116.8

167 13.5 11.2 16.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.24 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Tgt Ion:232 Resp: 65740

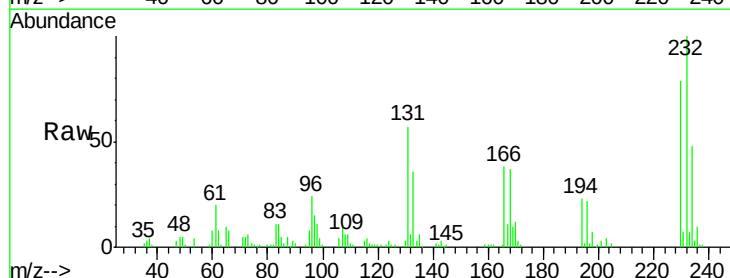
Ion Ratio Lower Upper

232 100

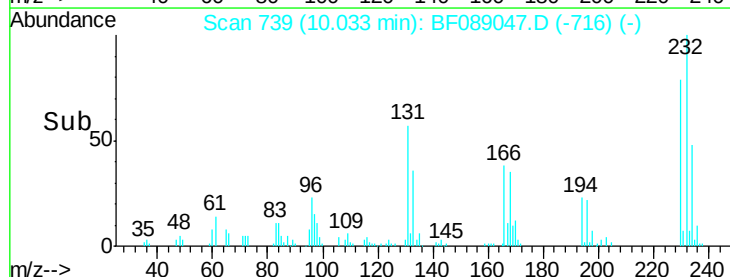
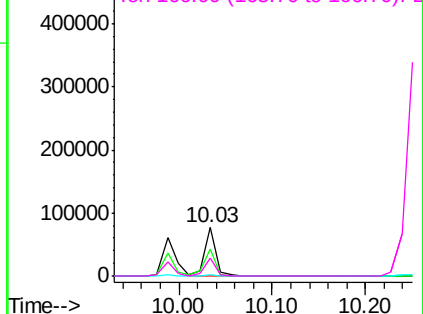
131 57.6 0.9 1.3#

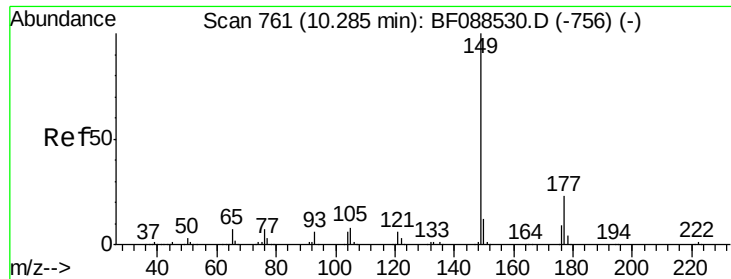
130 2.9 1.5 2.3#

166 37.1 0.5 0.7#



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

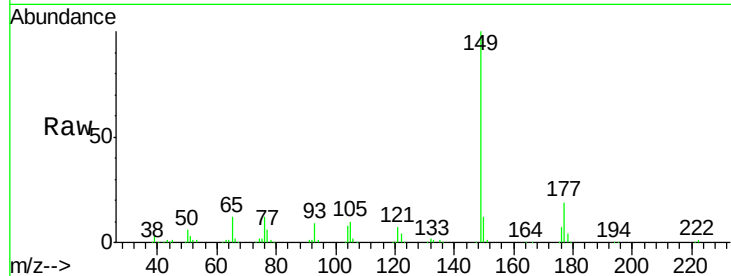




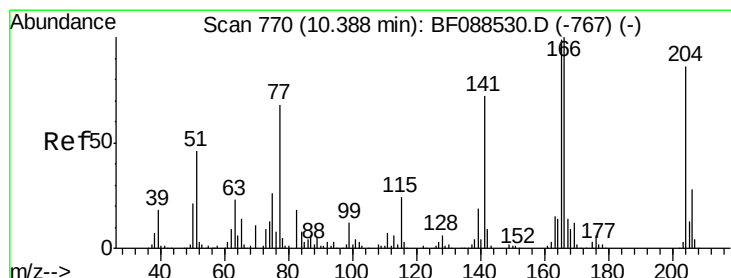
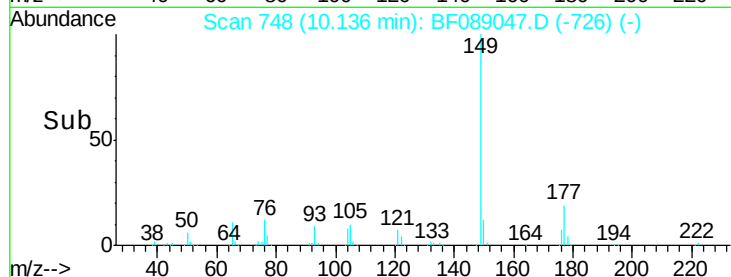
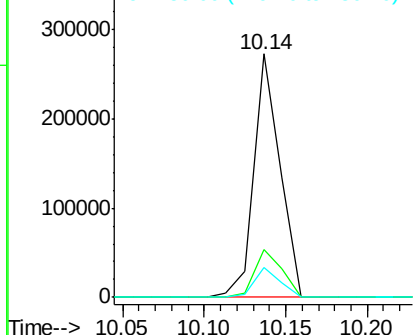
#59
Diethylphthalate
Concen: 40.69 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 302995
Ion Ratio Lower Upper
149 100
177 19.5 16.9 25.3
150 12.2 10.1 15.1

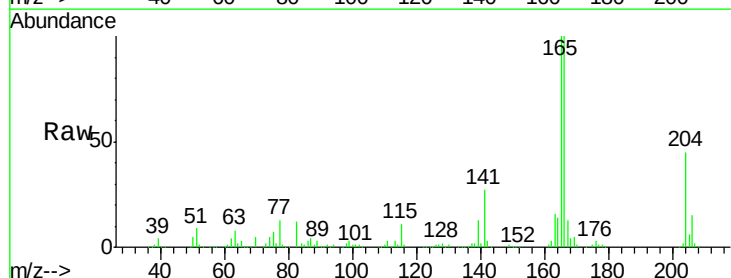


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

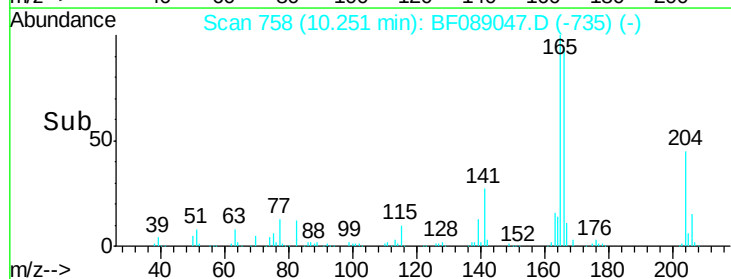
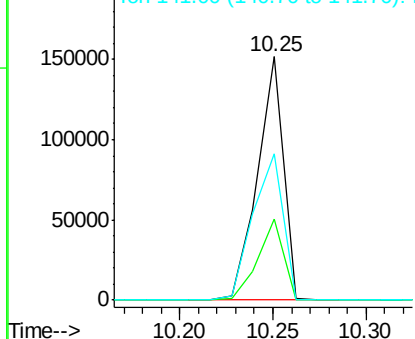


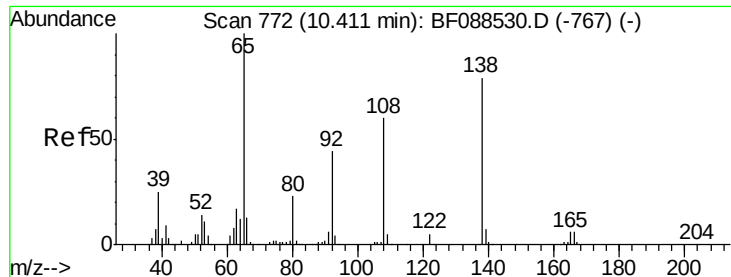
#60
4-Chlorophenyl-phenylether
Concen: 46.86 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:204 Resp: 145037
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.1 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

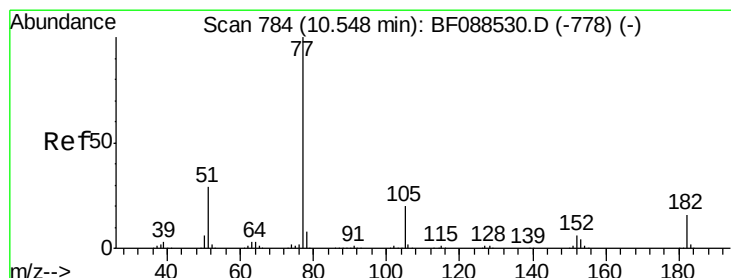
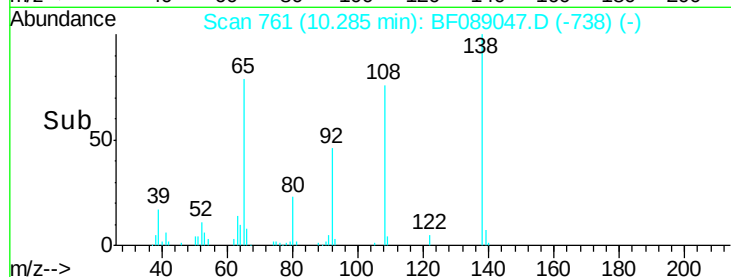
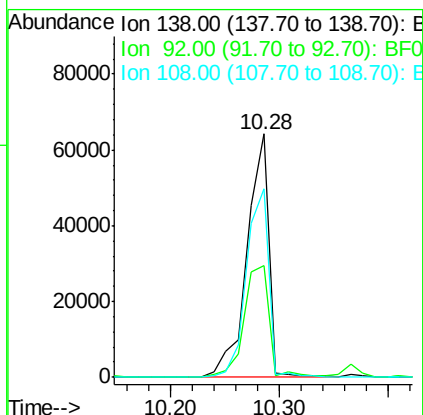
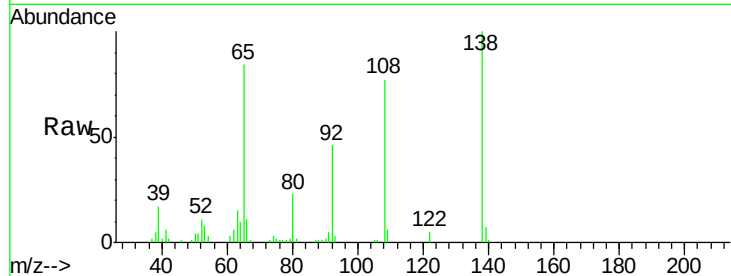




#61
4-Nitroaniline
Concen: 44.56 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

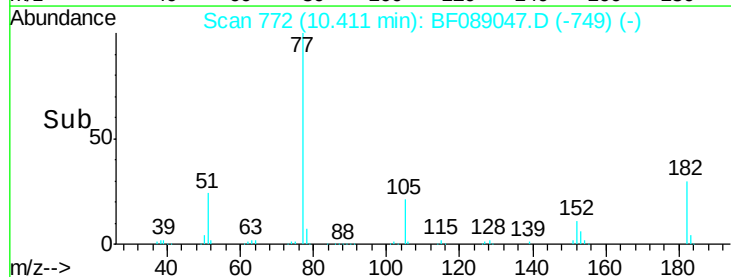
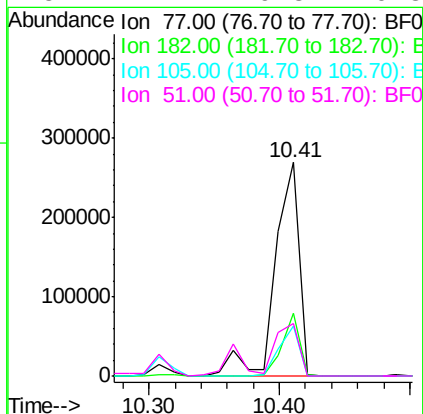
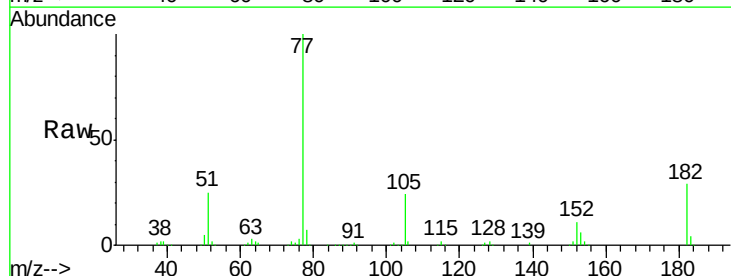
Instrument :
BNA_F
ClientSampleId :

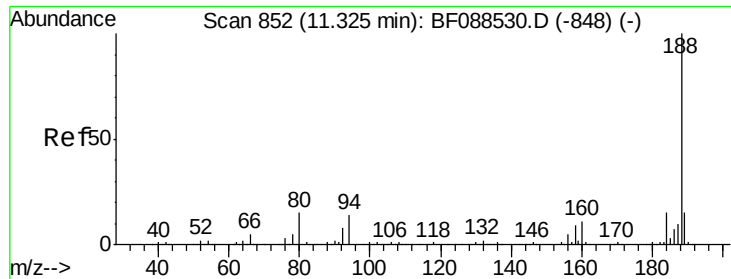
Tot Ion:138 Resp: 89648
Ion Ratio Lower Upper
138 100
92 45.9 27.3 67.3
108 77.2 46.7 86.7



#62
Azobenzene
Concen: 40.98 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion: 77 Resp: 348091
Ion Ratio Lower Upper
77 100
182 29.5 4.4 44.4
105 23.6 3.8 43.8
51 24.7 9.3 49.3

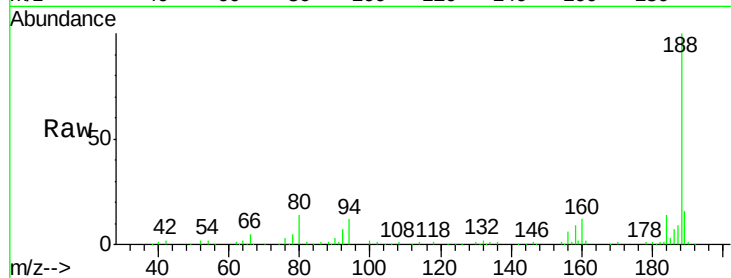




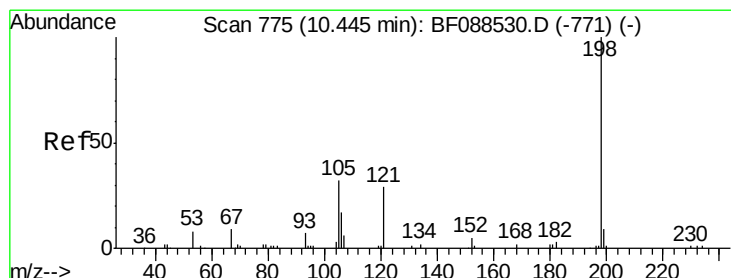
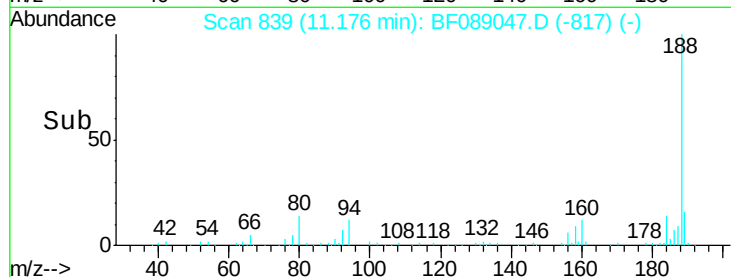
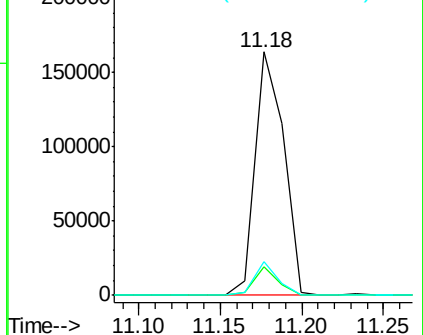
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 199795
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 14.0 10.0 15.0

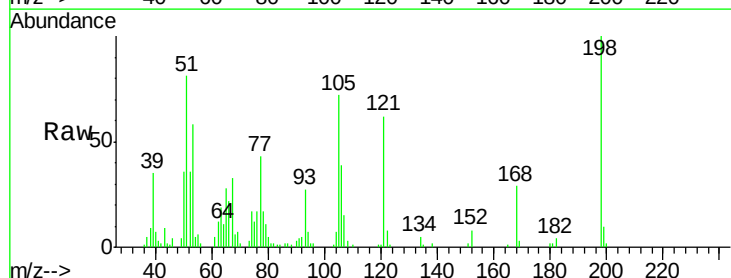


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

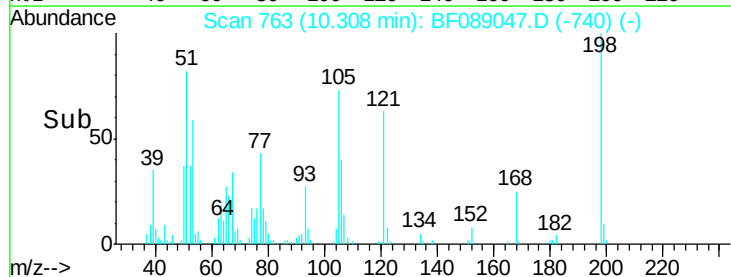
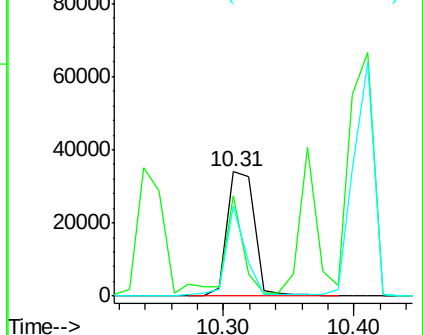


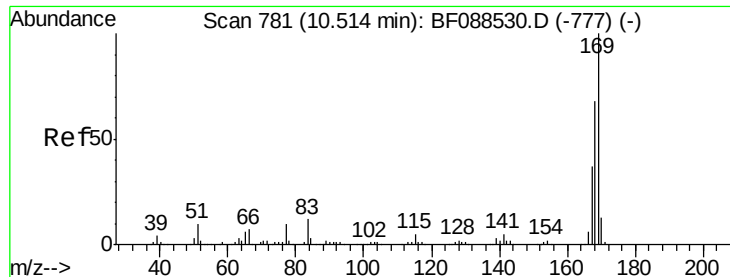
#64
4,6-Dinitro-2-methylphenol
Concen: 45.93 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:198 Resp: 49084
Ion Ratio Lower Upper
198 100
51 81.3 39.6 79.6#
105 72.3 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

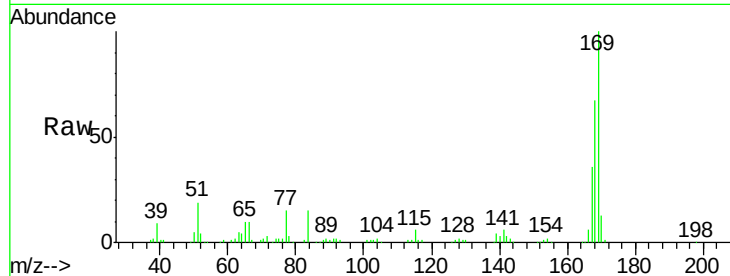




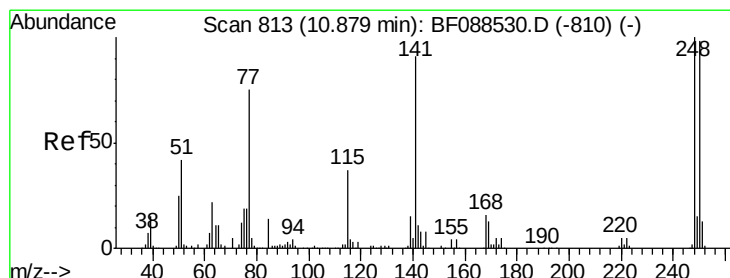
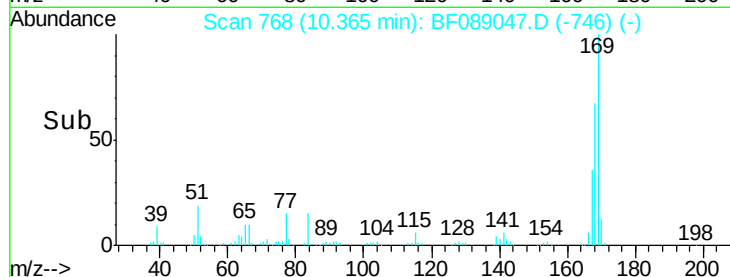
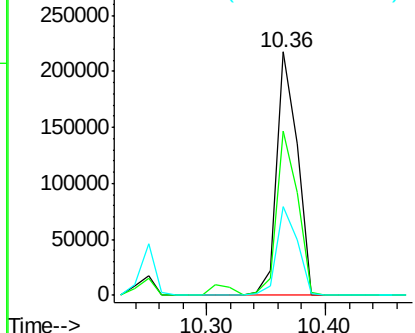
#65
n-Nitrosodiphenylamine
Concen: 38.53 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 260515
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.0
167 36.4 29.4 44.0

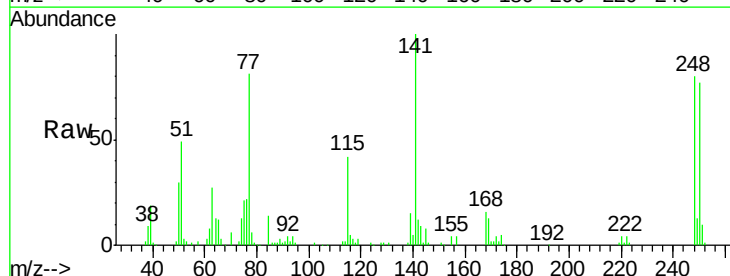


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

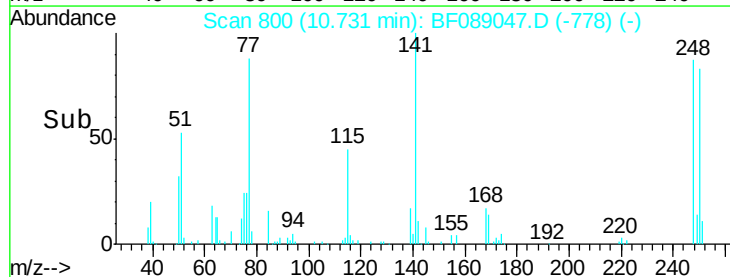
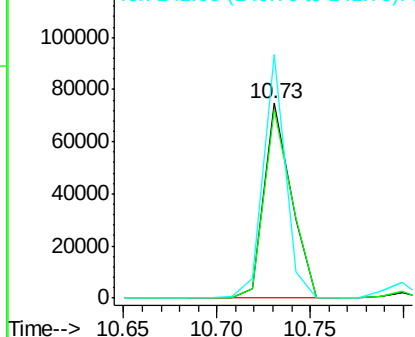


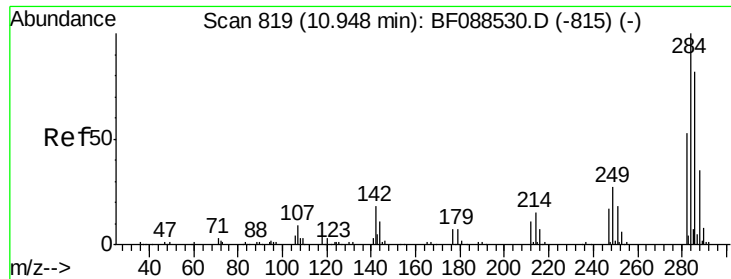
#66
4-Bromophenyl-phenylether
Concen: 37.17 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:248 Resp: 74838
Ion Ratio Lower Upper
248 100
250 96.7 77.1 115.7
141 125.0 50.6 76.0#



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

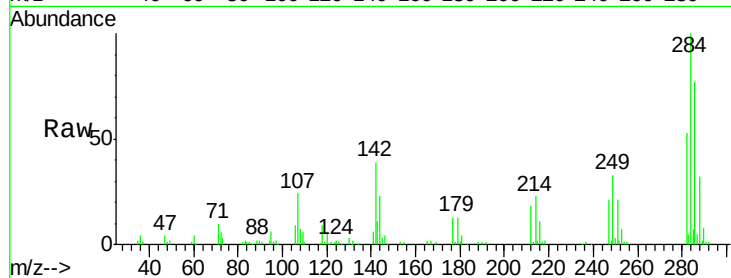




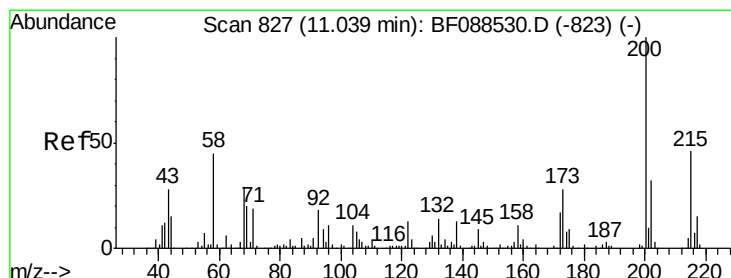
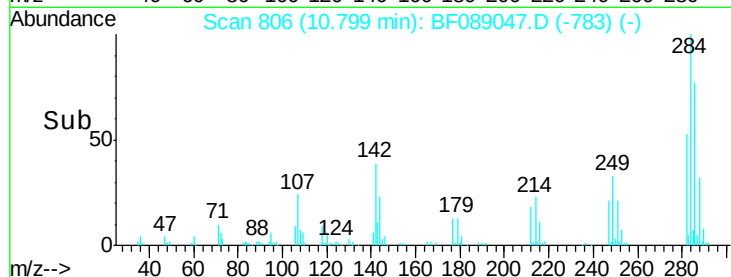
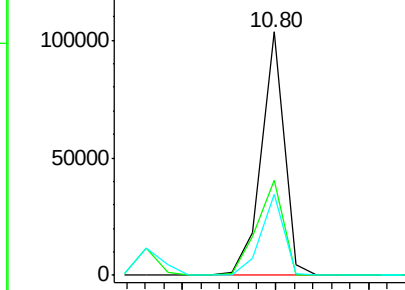
#67
Hexachlorobenzene
Concen: 39.08 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 87099
Ion Ratio Lower Upper
284 100
142 39.0 35.8 53.8
249 33.5 25.8 38.6

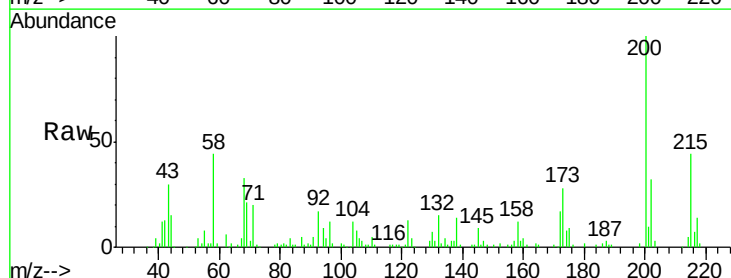


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

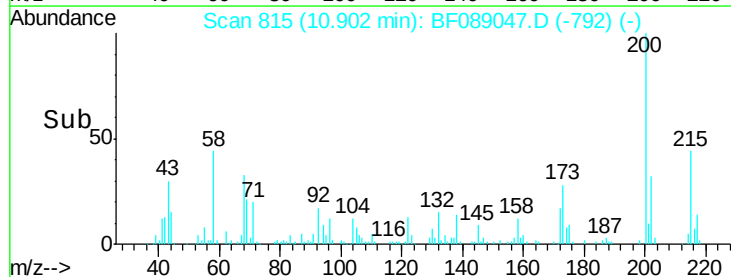
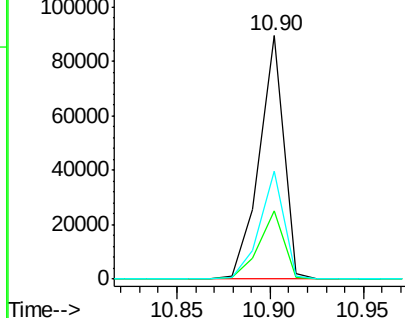


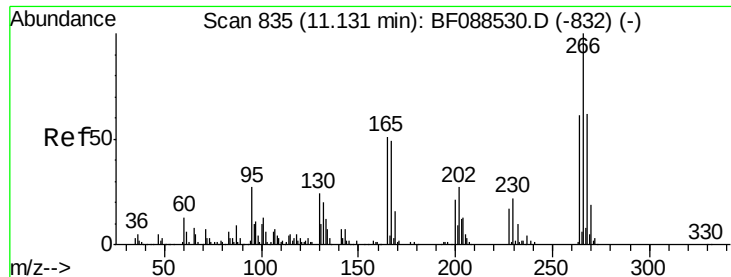
#68
Atrazine
Concen: 38.50 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:200 Resp: 81123
Ion Ratio Lower Upper
200 100
173 27.8 4.0 44.0
215 44.2 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

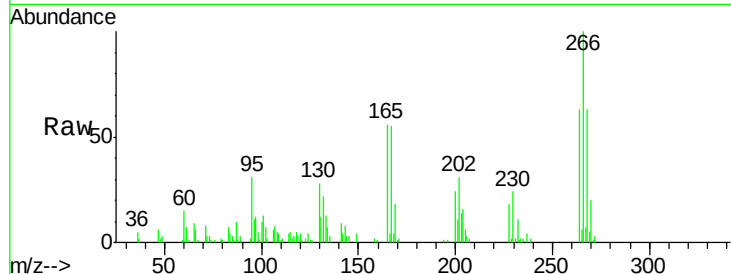




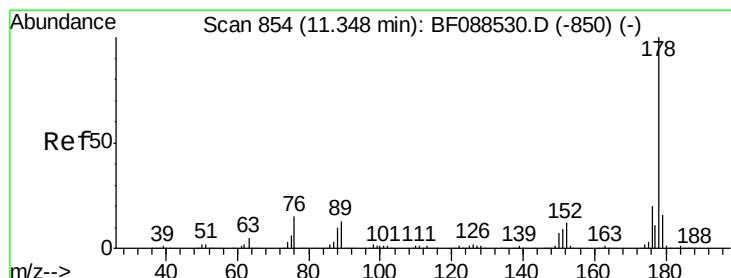
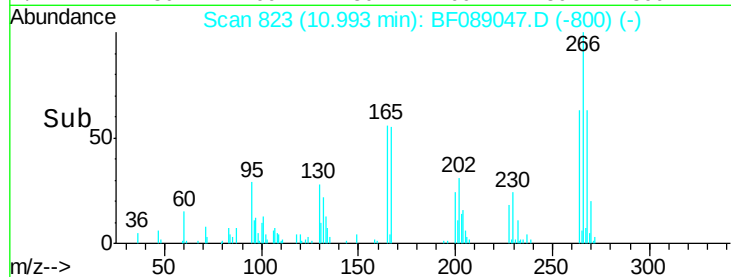
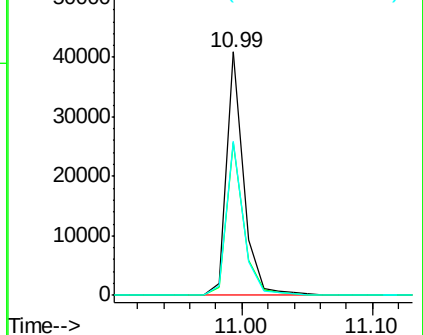
#69
 Pentachlorophenol
 Concen: 28.59 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 37714
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.8 79.2
 264 63.0 49.6 74.4

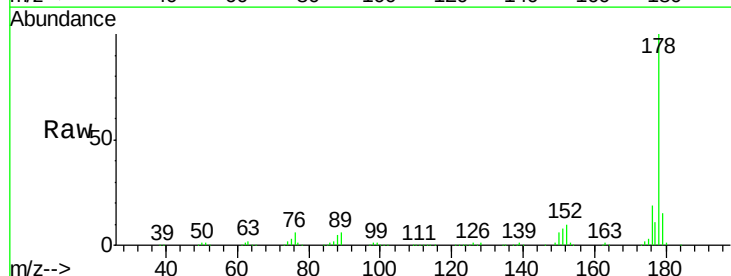


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

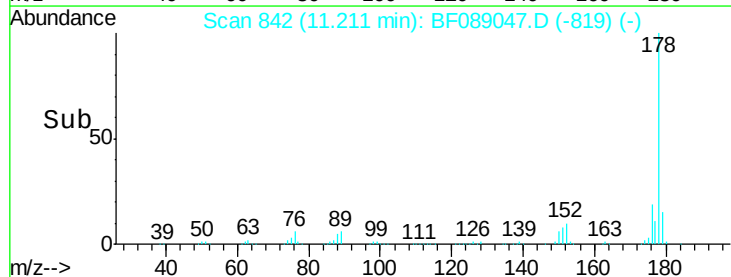
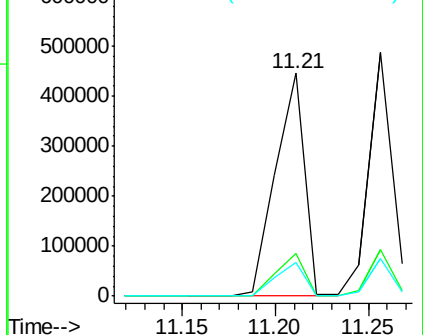


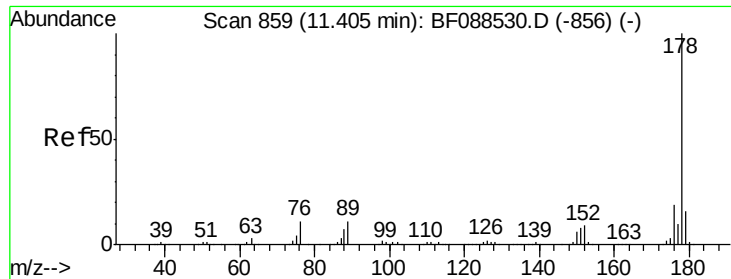
#70
 Phenanthrene
 Concen: 44.18 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:178 Resp: 482573
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.3 13.0 19.4



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

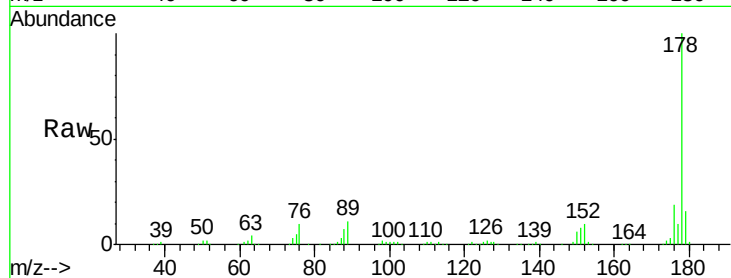




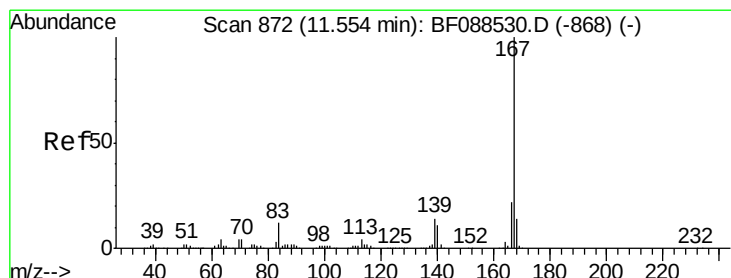
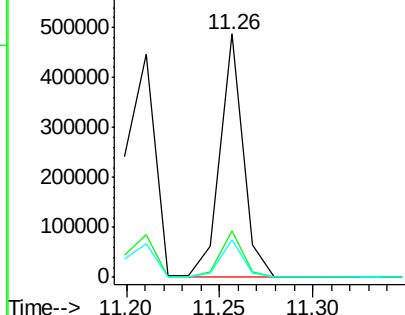
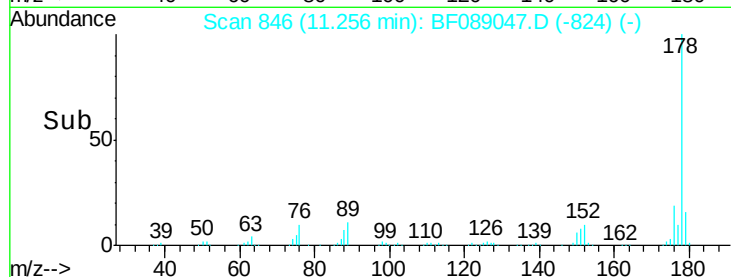
#71
 Anthracene
 Concen: 38.84 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 421764
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 12.8 19.2

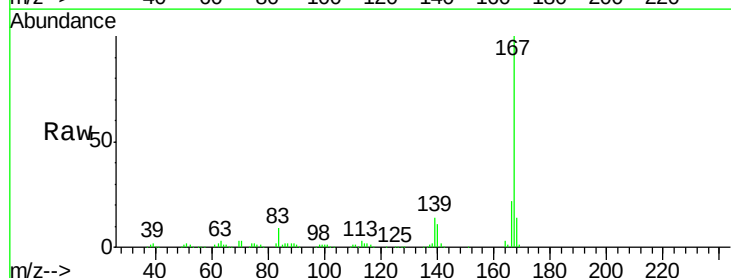


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

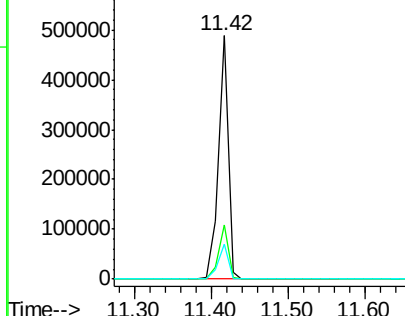
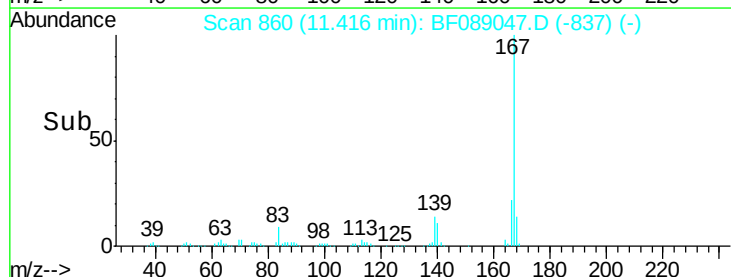


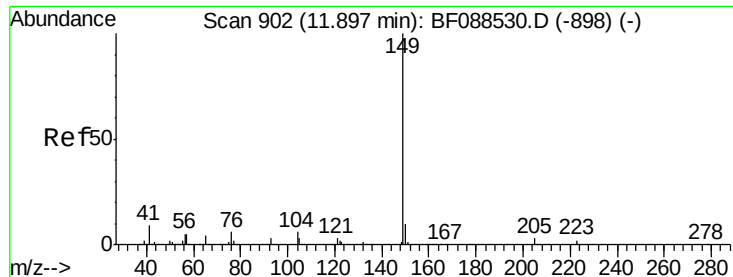
#72
 Carbazole
 Concen: 41.92 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:167 Resp: 428444
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.31 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

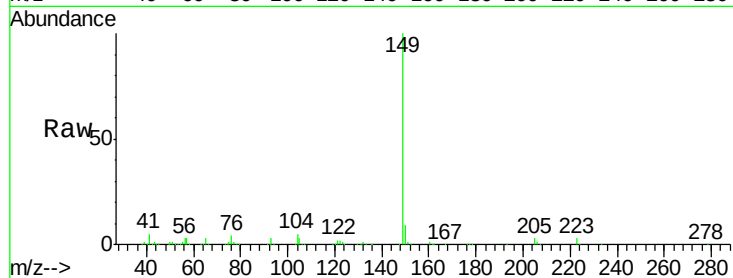
Tot Ion:149 Resp: 538686

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

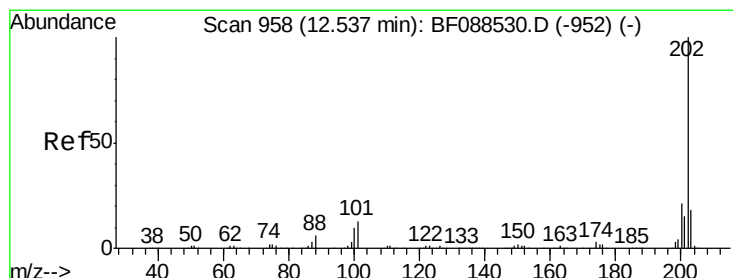
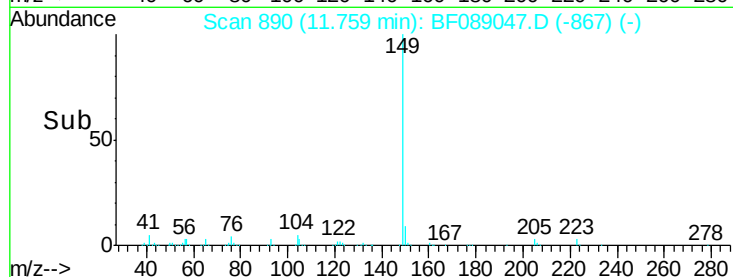
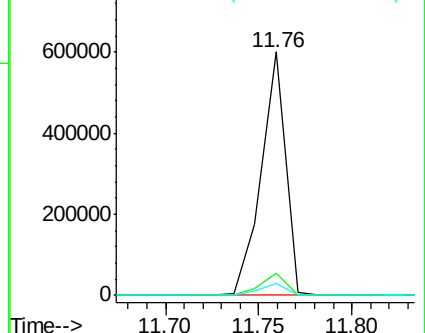
104 4.7 4.0 6.0



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: 43.65 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

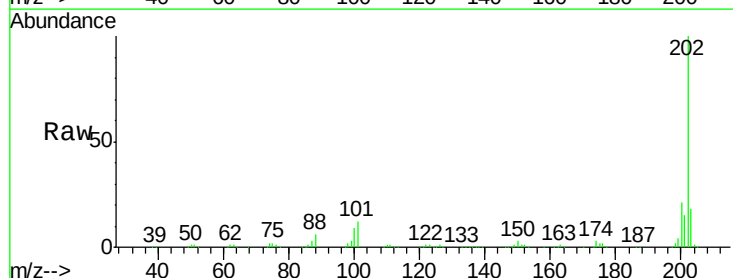
Tgt Ion:202 Resp: 483293

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.1

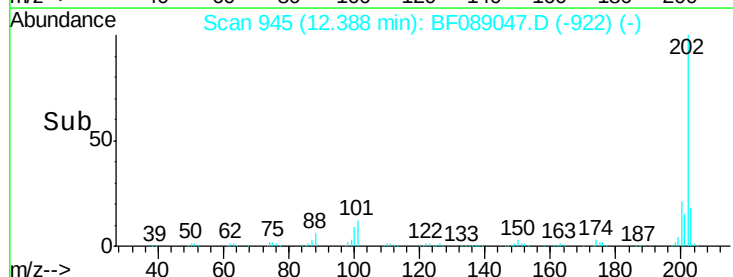
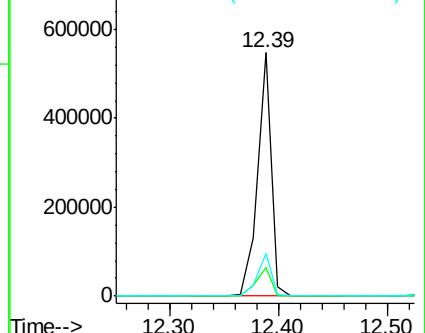
203 17.6 0.0 38.1

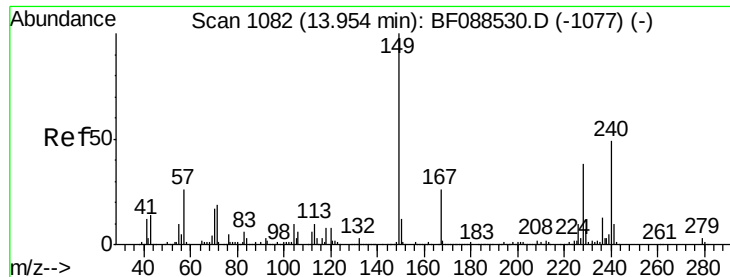


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampled :

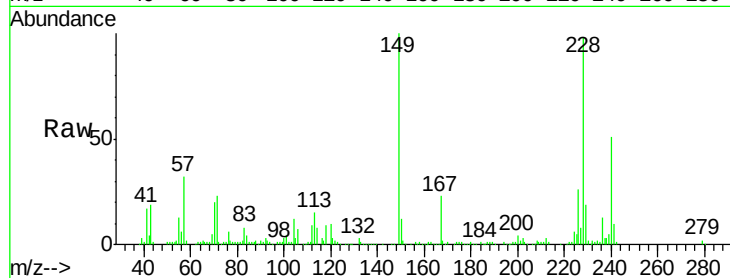
Tot Ion:240 Resp: 139453

Ion Ratio Lower Upper

240 100

120 18.6 6.8 10.2#

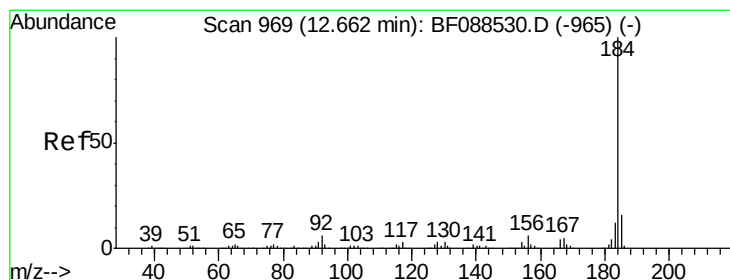
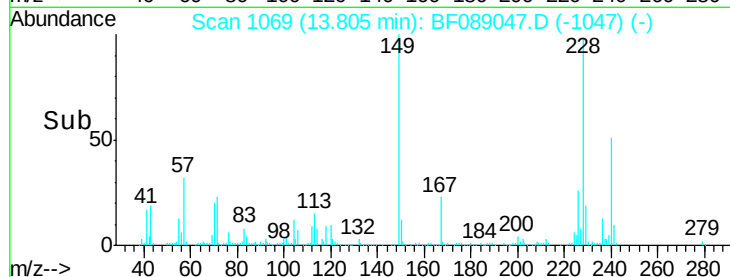
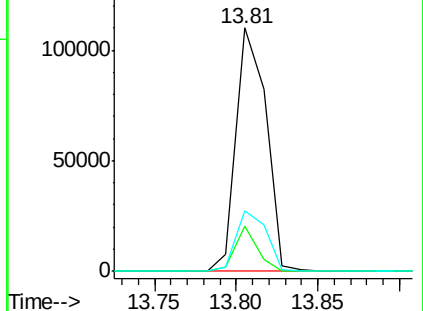
236 25.0 20.2 30.2



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: 52.39 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

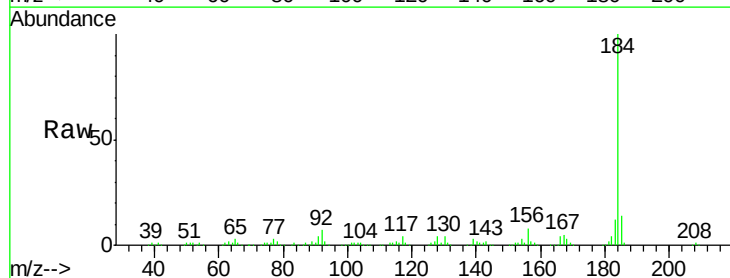
Tgt Ion:184 Resp: 369282

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

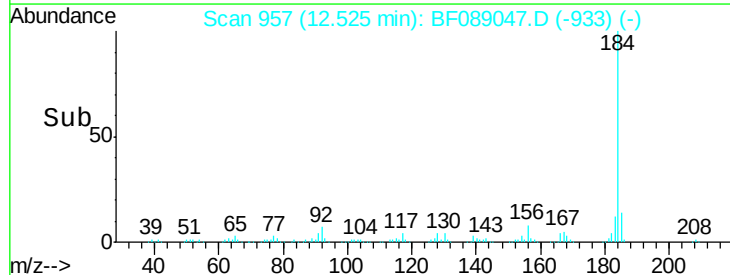
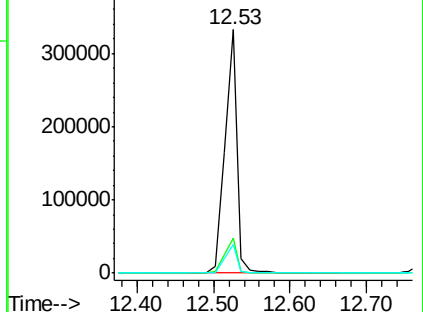
183 11.9 9.3 13.9

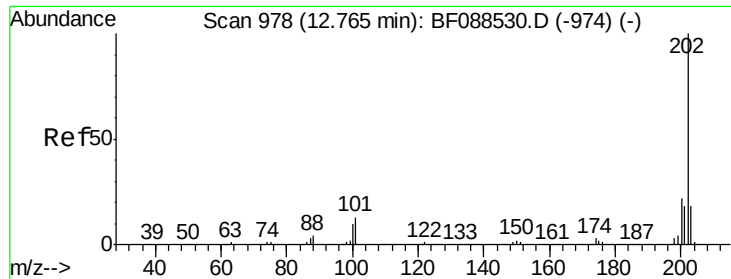


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

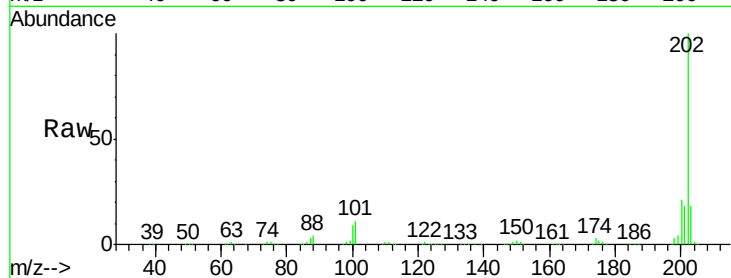




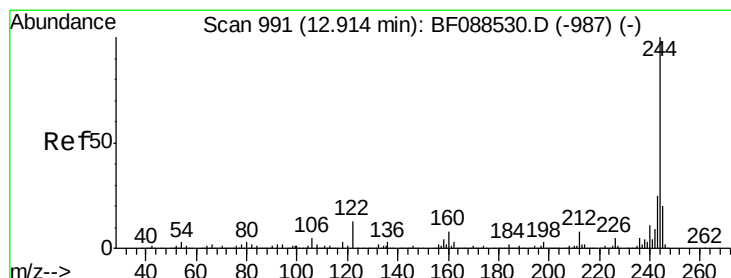
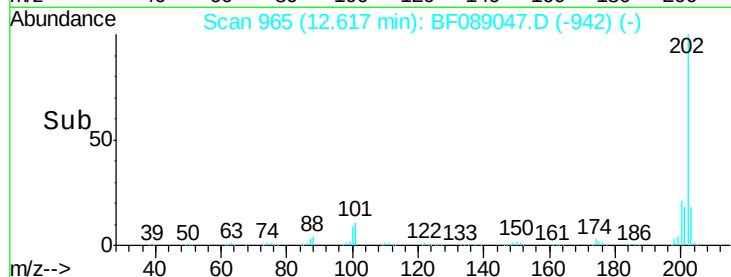
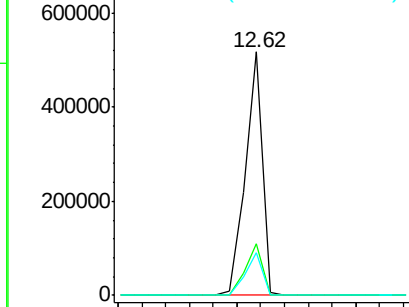
#77
 Pvrene
 Concen: 43.87 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.5	21.7

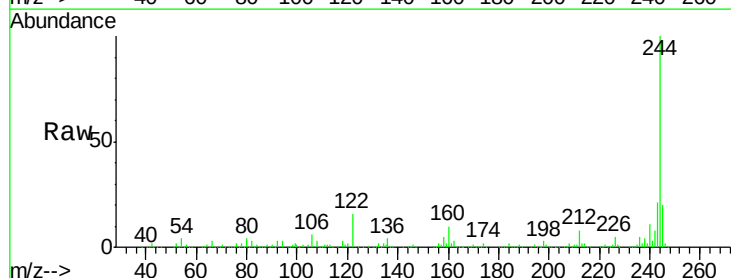


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

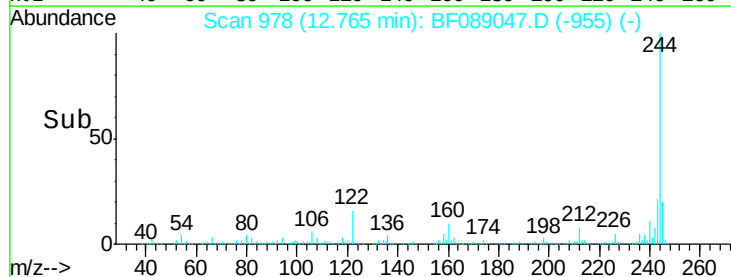
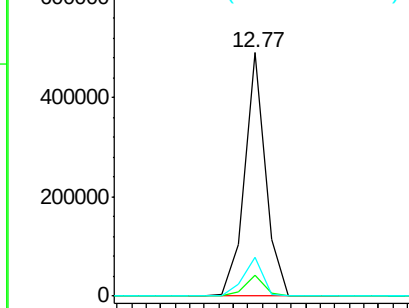


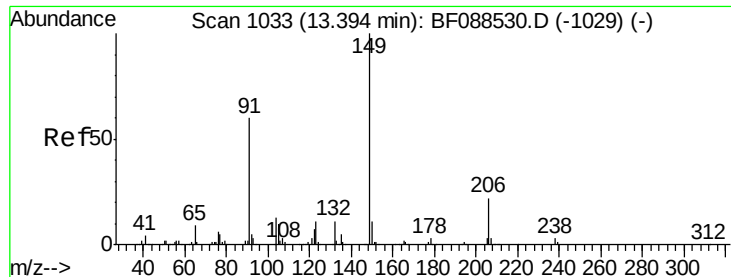
#78
 Terphenyl-d14
 Concen: 77.90 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	16.1	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: 40.88 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

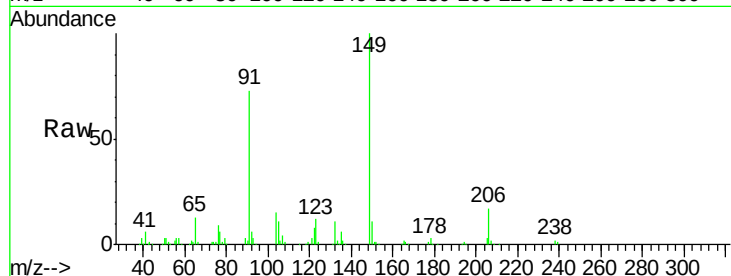
Tot Ion:149 Resp: 215625

Ion Ratio Lower Upper

149 100

91 73.1 48.0 72.0#

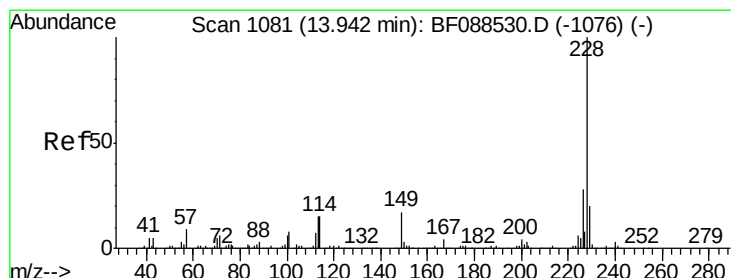
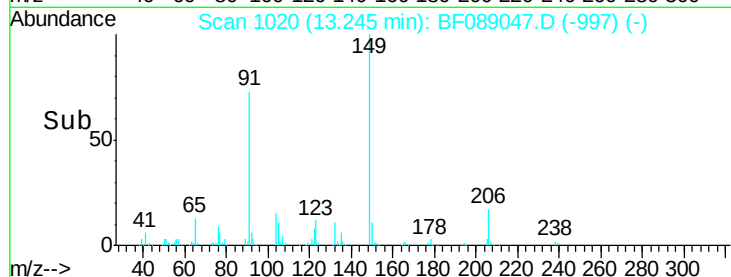
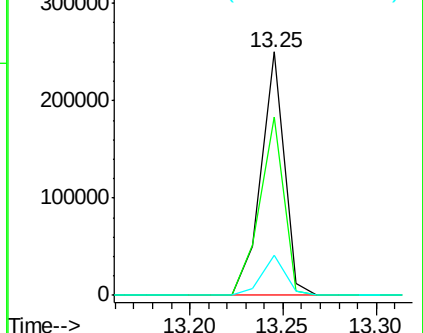
206 16.7 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.74 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

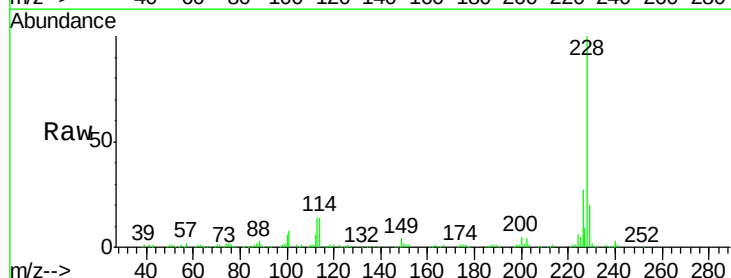
Tgt Ion:228 Resp: 365822

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

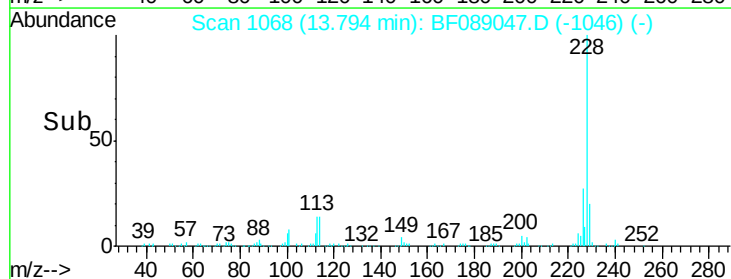
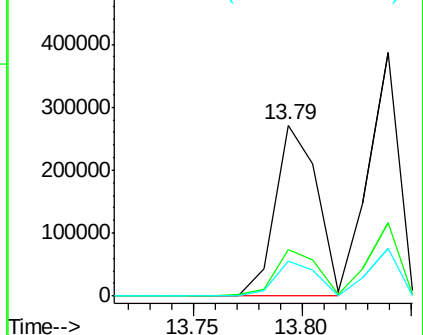
229 20.1 16.0 24.0

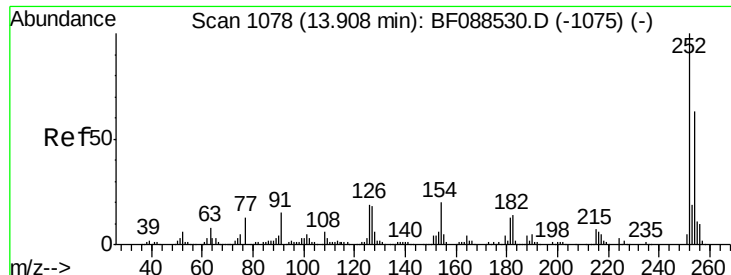


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

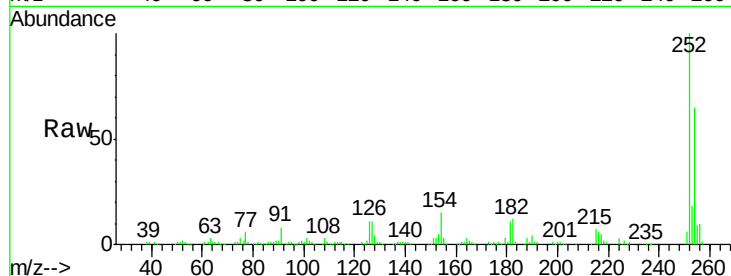




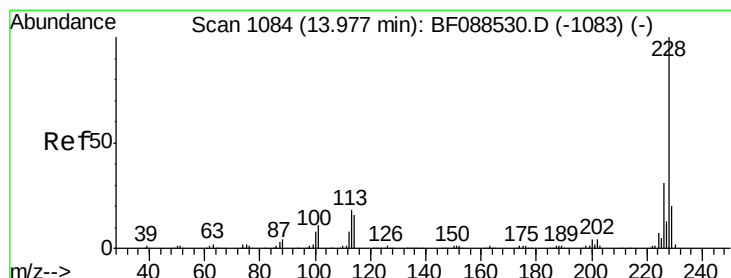
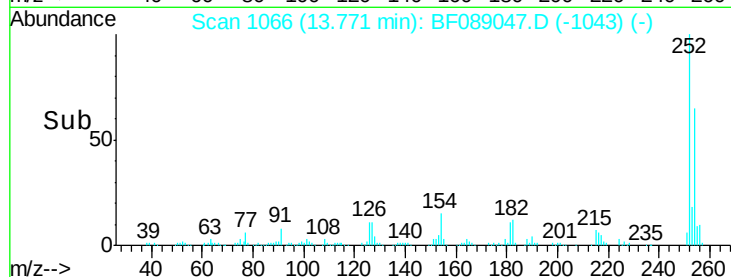
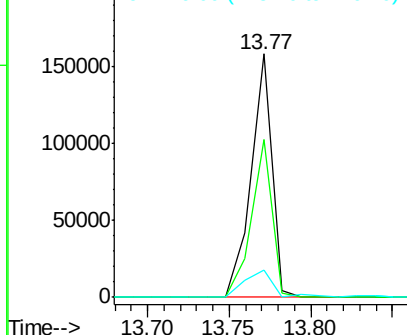
#81
 3,3'-Dichlorobenzidine
 Concen: 41.64 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 140572
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.6 78.8
 126 11.0 6.2 9.2#

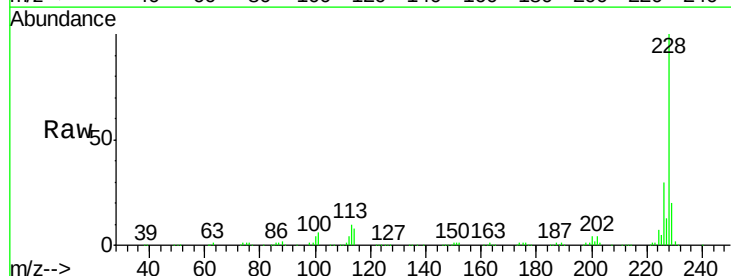


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

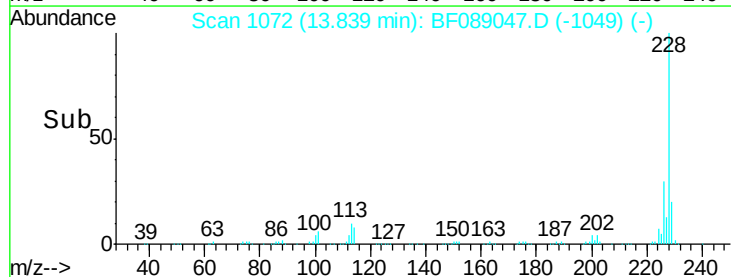
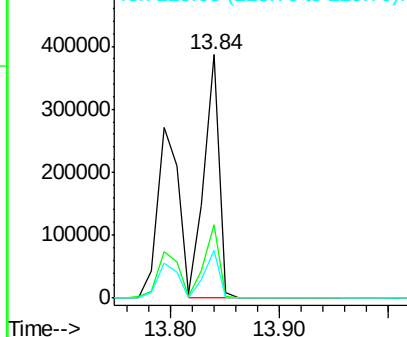


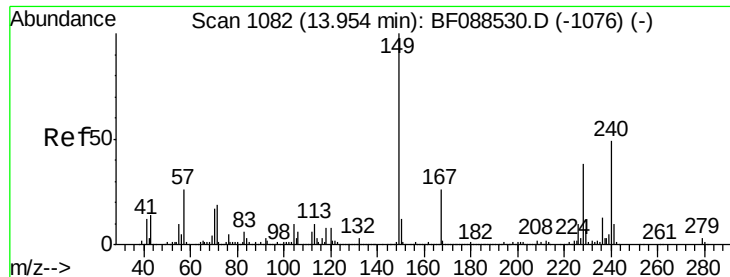
#82
 Chrysene
 Concen: 42.18 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:228 Resp: 374694
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 19.7 16.3 24.5



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

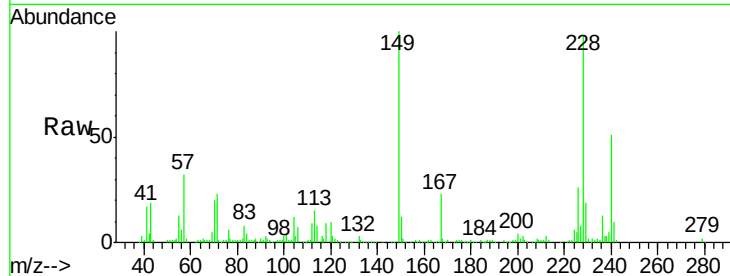




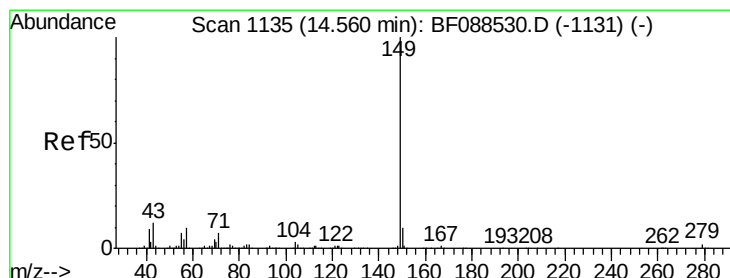
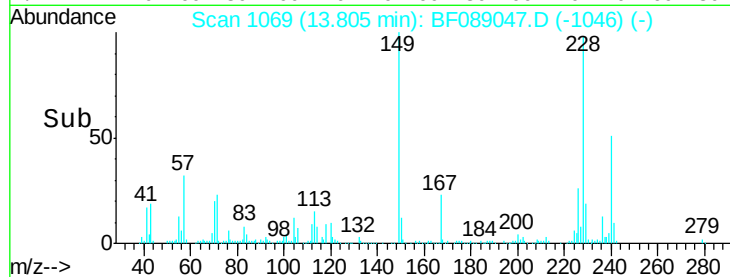
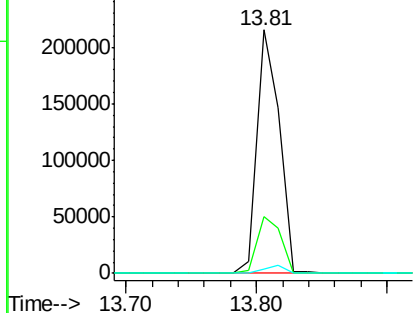
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.87 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 258127
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.5 30.7
 279 1.8 2.0 3.0#

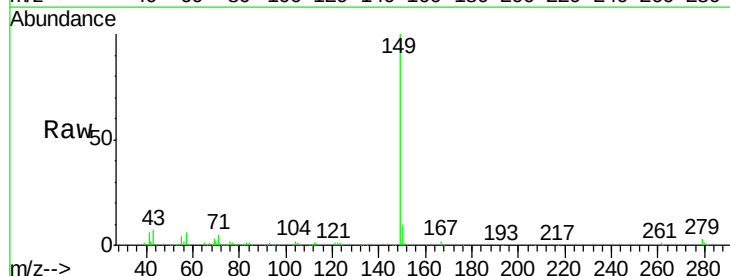


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

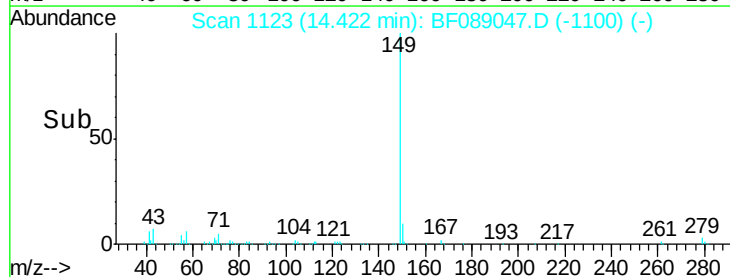
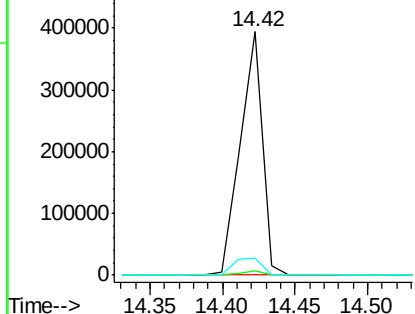


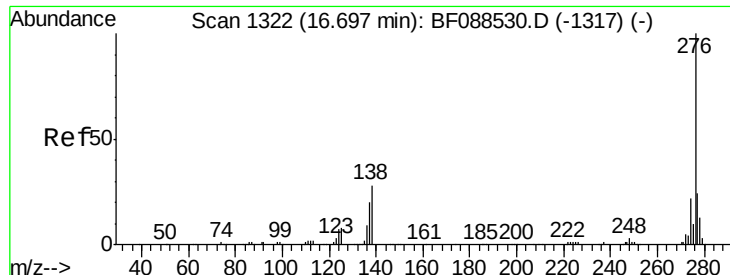
#84
 Di-n-octyl phthalate
 Concen: 40.70 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion:149 Resp: 416359
 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

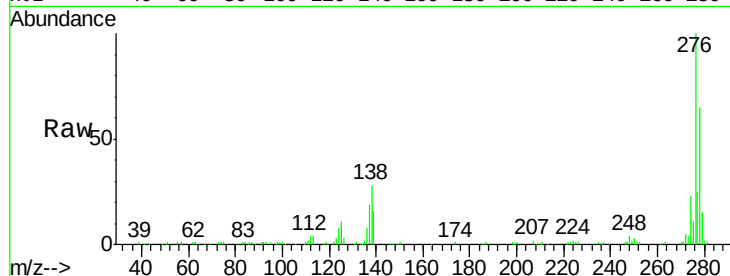




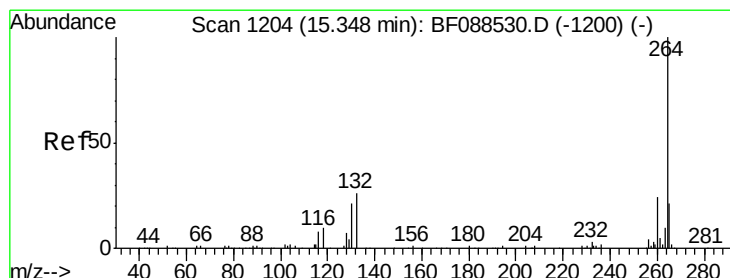
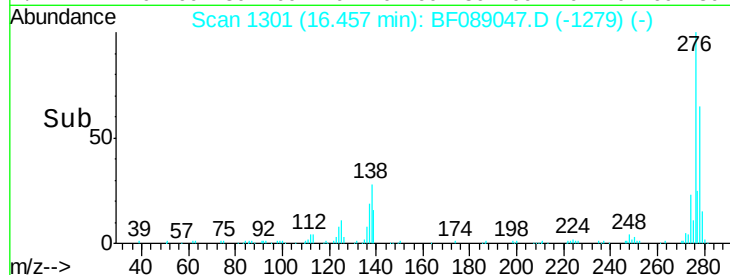
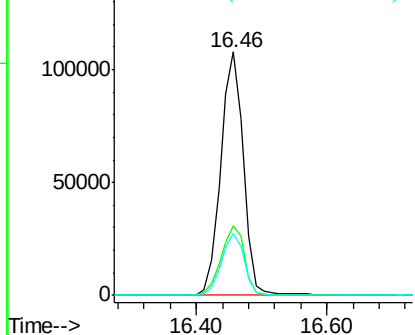
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.90 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	0.0	0.0#
277	25.5	0.0	0.0#

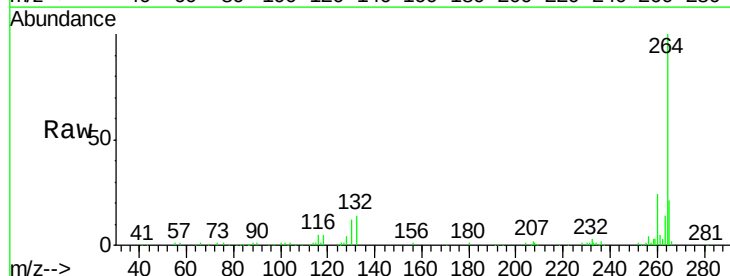


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

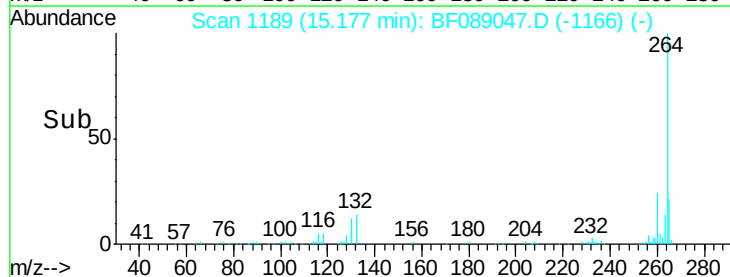
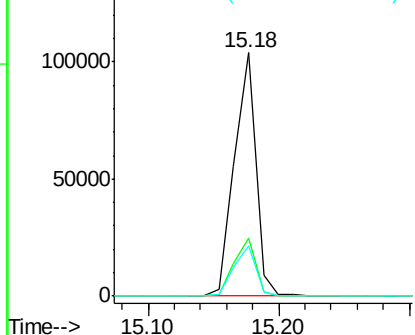


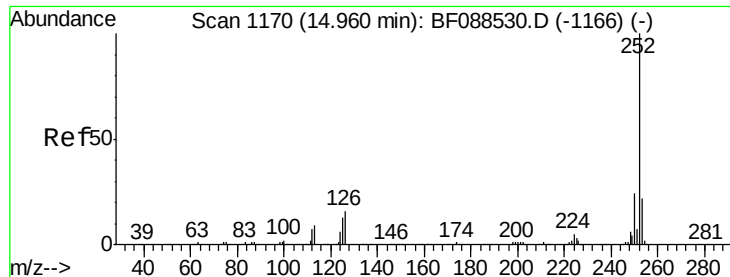
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 10:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	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

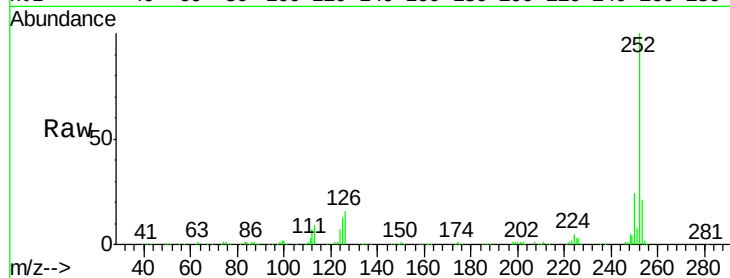




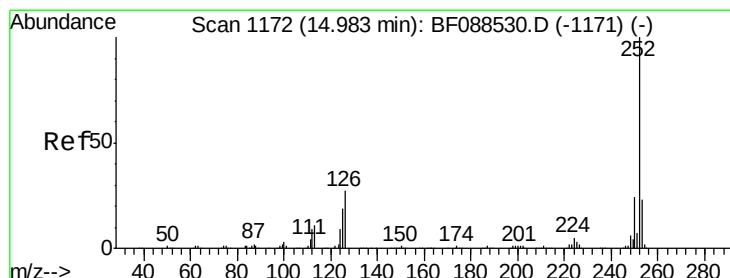
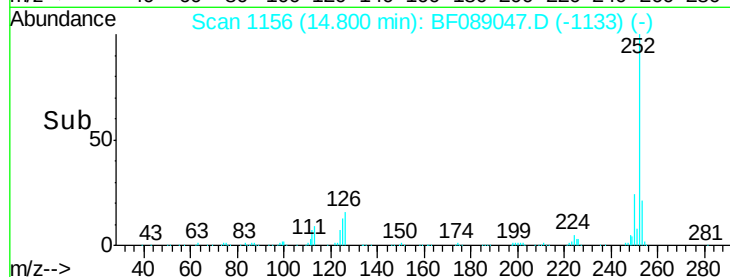
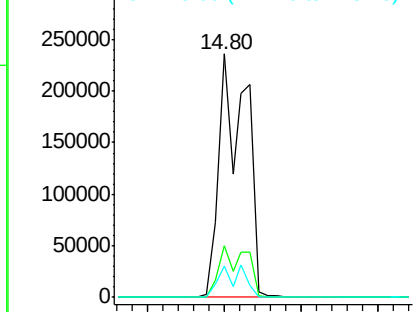
#87
Benzo(b)fluoranthene
Concen: 78.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 581150
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 12.9 7.1 10.7#

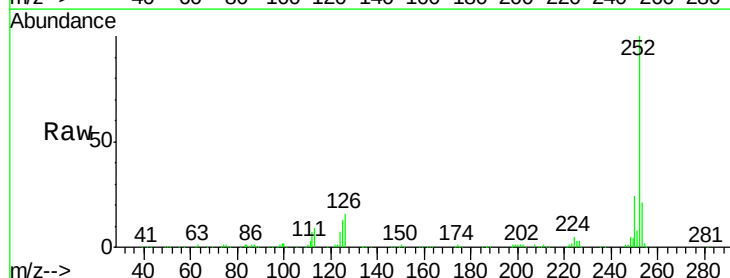


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

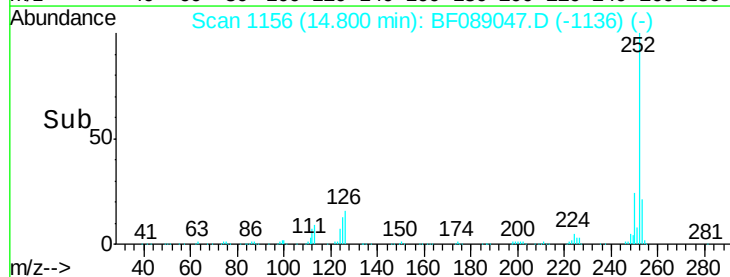
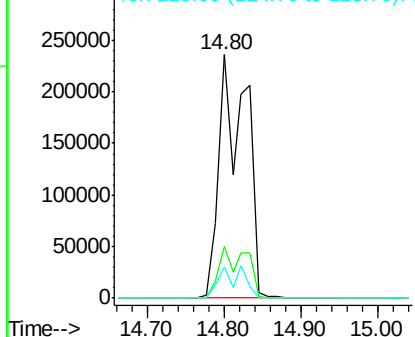


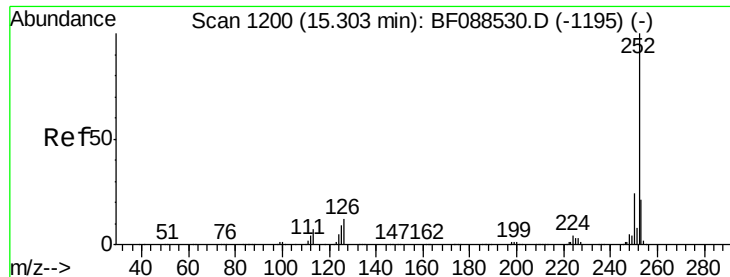
#88
Benzo(k)fluoranthene
Concen: 89.59 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF089047.D
Acq: 16 Jul 2016 10:35

Tgt Ion:252 Resp: 581150
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 12.9 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: 41.44 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :

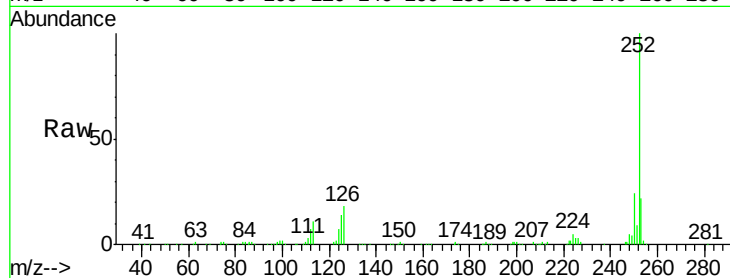
Tot Ion:252 Resp: 261402

Ion Ratio Lower Upper

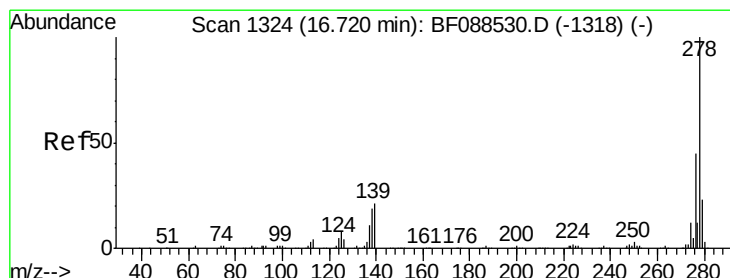
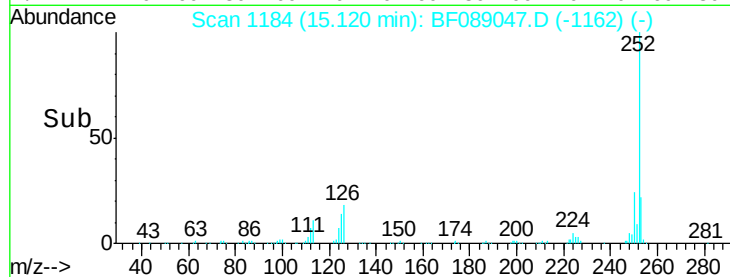
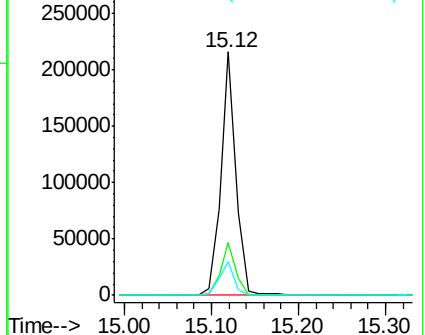
252 100

253 21.9 17.9 26.9

125 13.8 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 41.60 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

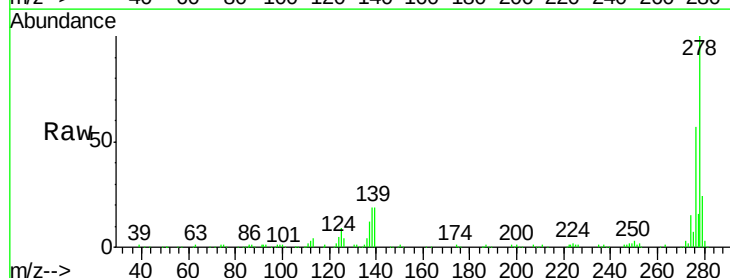
Tgt Ion:278 Resp: 219152

Ion Ratio Lower Upper

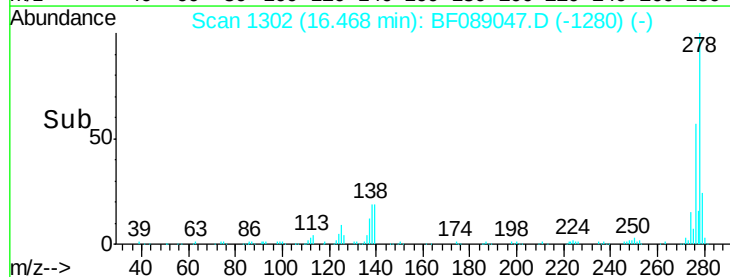
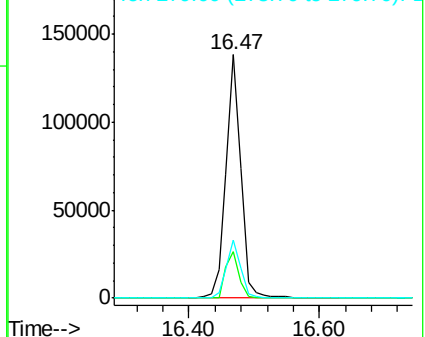
278 100

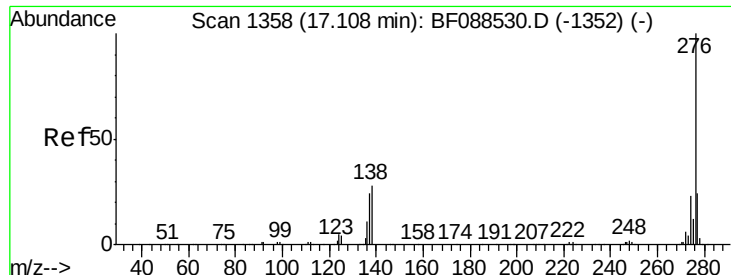
139 19.3 15.7 23.5

279 23.9 19.4 29.2



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





#91

Benzo(a,h,i)perylene

Concen: 40.94 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.05 min

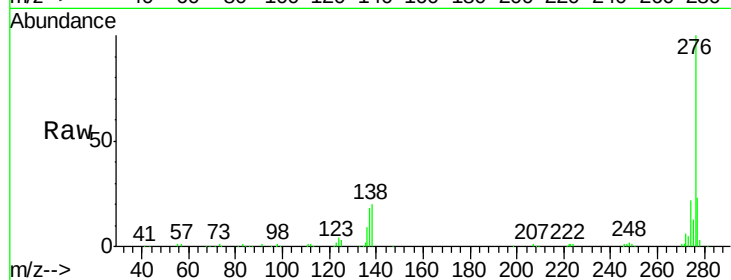
Lab File: BF089047.D

Acq: 16 Jul 2016 10:35

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	223162
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	20.3	21.4	32.2

