

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088674.D
 Acq On : 4 Jul 2016 4:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:04:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115291	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	461153	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	212058	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	415417	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	247778	20.00	ng	-0.03
86) Perylene-d12	15.31	264	220938	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	546027	70.98	ng	-0.03
7) Phenol-d6	6.42	99	723815	72.82	ng	-0.02
23) Nitrobenzene-d5	7.35	82	717716	81.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	158972	80.73	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1191385	88.74	ng	-0.02
78) Terphenyl-d14	12.88	244	901010	80.99	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	136962	35.91	ng	# 36
3) Pyridine	3.00	79	401963	36.32	ng	92
4) n-Nitrosodimethylamine	2.96	42	145338	34.38	ng	85
6) Aniline	6.44	93	516853	35.68	ng	95
8) 2-Chlorophenol	6.57	128	331940	40.15	ng	92
9) Benzaldehyde	6.33	77	236232	35.09	ng	94
10) Phenol	6.43	94	415352	36.61	ng	73
11) bis(2-Chloroethyl)ether	6.52	93	317447	37.52	ng	91
12) 1,3-Dichlorobenzene	6.96	146	341900	37.58	ng	98
13) 1,4-Dichlorobenzene	6.80	146	330193	36.56	ng	94
14) 1,2-Dichlorobenzene	6.73	146	342833	40.56	ng	98
15) Benzyl Alcohol	6.92	79	267473	36.56	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	427666	34.91	ng	91
17) 2-Methylphenol	7.05	107	269501	39.96	ng	99
18) Hexachloroethane	7.30	117	138153	39.55	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	258194	38.67	ng	89
20) 3+4-Methylphenols	7.20	107	279827	34.57	ng	# 68
22) Acetophenone	7.20	105	417512	37.30	ng	# 86
24) Nitrobenzene	7.37	77	366185	41.27	ng	# 84
25) Isophorone	7.61	82	621796	38.15	ng	95
26) 2-Nitrophenol	7.69	139	175184	48.15	ng	# 84
27) 2,4-Dimethylphenol	7.74	122	312587	41.25	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	412325	38.87	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	259409	42.36	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	267056	39.74	ng	98
31) Naphthalene	8.09	128	863776	37.99	ng	100
32) Benzoic acid	7.86	122	219636	39.92	ng	92
33) 4-Chloroaniline	8.15	127	447711	44.26	ng	# 94
34) Hexachlorobutadiene	8.22	225	151418	42.08	ng	99
35) Caprolactam	8.51	113	84490	40.62	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	320157	44.21	ng	98
37) 2-Methylnaphthalene	8.79	142	609670	41.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	271826	38.54	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	125656	36.30	ng	99

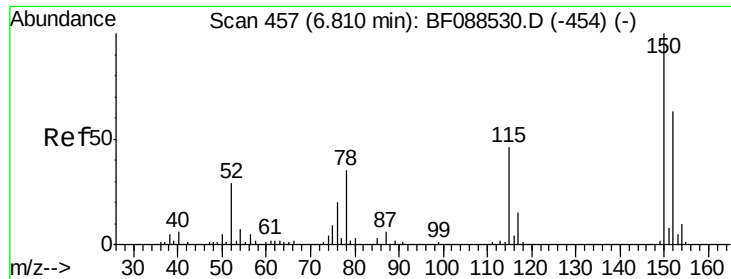
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088674.D
 Acq On : 4 Jul 2016 4:11
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:04:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	200536	43.12	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	167221	41.79	nq	# 86
45) 1,1'-Biphenyl	9.24	154	667518	38.01	nq	97
46) 2-Chloronaphthalene	9.27	162	533925	38.73	nq	97
47) 2-Nitroaniline	9.36	65	183282	37.46	nq	95
48) Acenaphthylene	9.68	152	833552	38.00	nq	100
49) Dimethylphthalate	9.55	163	670759	44.40	nq	99
50) 2,6-Dinitrotoluene	9.61	165	160583	47.96	nq	# 83
51) Acenaphthene	9.85	154	545936	40.61	nq	100
52) 3-Nitroaniline	9.77	138	160228	37.64	nq	88
53) 2,4-Dinitrophenol	9.87	184	58123	39.31	nq	# 87
54) Dibenzofuran	10.02	168	671860	38.18	nq	# 86
55) 4-Nitrophenol	9.93	139	120691	37.31	nq	92
56) 2,4-Dinitrotoluene	10.01	165	214768	49.06	nq	91
57) Fluorene	10.36	166	493070	36.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	137079	44.28	nq	# 55
59) Diethylphthalate	10.25	149	652791	43.05	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	270842	42.98	nq	93
61) 4-Nitroaniline	10.39	138	188091	45.92	nq	92
62) Azobenzene	10.52	77	717415	41.48	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	81293	36.59	nq	87
65) n-Nitrosodiphenylamine	10.48	169	510961	36.34	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	158469	37.85	nq	# 73
67) Hexachlorobenzene	10.91	284	187225	40.40	nq	# 91
68) Atrazine	11.00	200	153957	35.14	nq	90
69) Pentachlorophenol	11.11	266	114582	41.78	nq	98
70) Phenanthrene	11.32	178	918721	40.46	nq	99
71) Anthracene	11.37	178	797833	35.33	nq	99
72) Carbazole	11.53	167	865061	40.71	nq	99
73) Di-n-butylphthalate	11.86	149	955859	38.67	nq	# 99
74) Fluoranthene	12.50	202	846224	36.76	nq	98
76) Benzidine	12.63	184	506389	40.43	nq	100
77) Pyrene	12.73	202	896848	42.69	nq	99
79) Butylbenzylphthalate	13.36	149	418188	44.62	nq	94
80) Benzo(a)anthracene	13.91	228	632648	39.65	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	243384	40.57	nq	# 99
82) Chrysene	13.95	228	666802	42.24	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	493034	46.08	nq	99
84) Di-n-octyl phthalate	14.53	149	835423	45.96	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	487714	40.16	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	991646	71.55	nq	# 95
88) Benzo(k)fluoranthene	14.95	252	991822	82.20	nq	100
89) Benzo(a)pyrene	15.26	252	460308	39.23	nq	96
90) Dibenzo(a,h)anthracene	16.66	278	421414	43.01	nq	99
91) Benzo(g,h,i)perylene	17.05	276	467995	46.15	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampled :

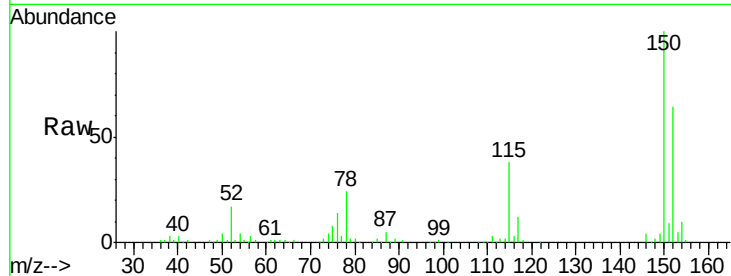
Tot Ion:152 Resp: 115291

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

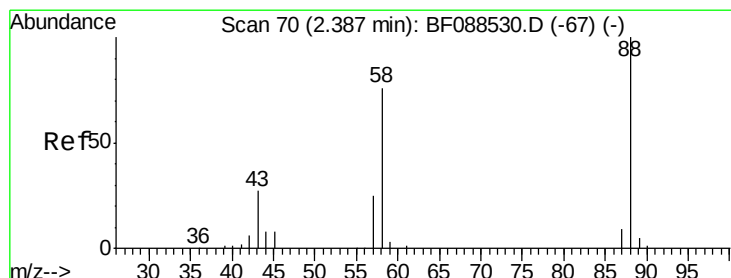
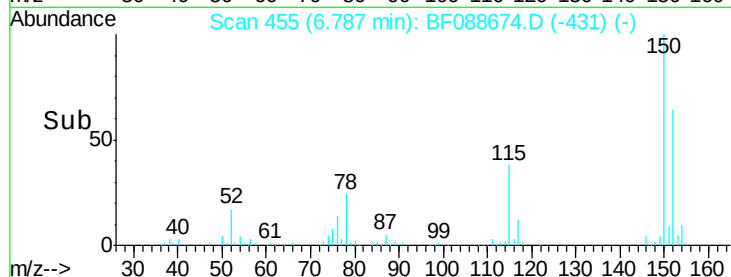
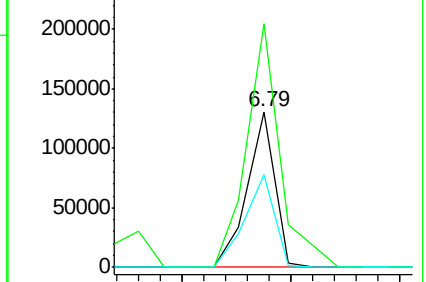
115 59.8 39.6 59.4#



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: 35.91 ng

RT: 2.32 min Scan# 64

Delta R.T. -0.07 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

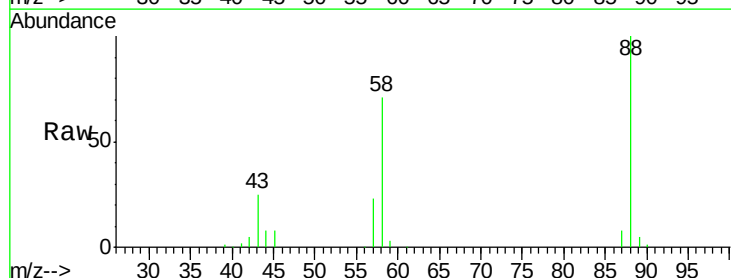
Tgt Ion: 88 Resp: 136962

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

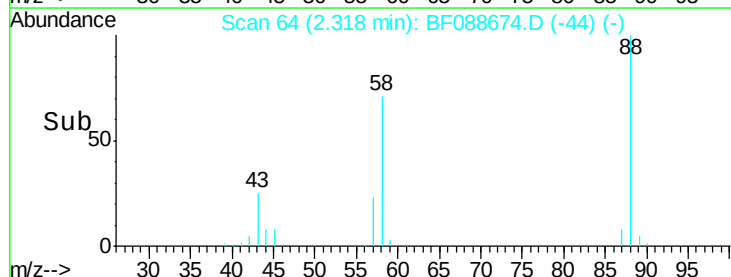
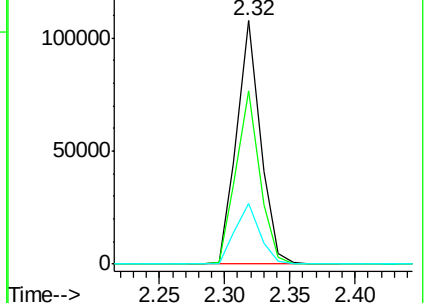
43 25.5 3.4 5.2#

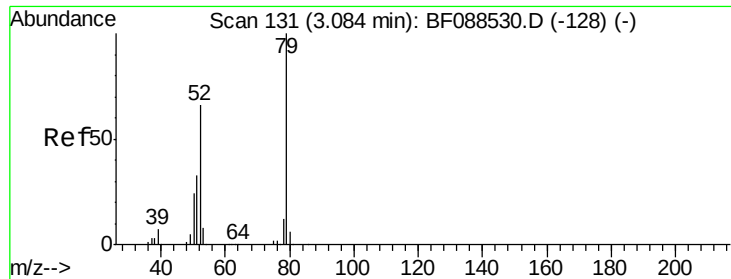


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.32 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.08 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

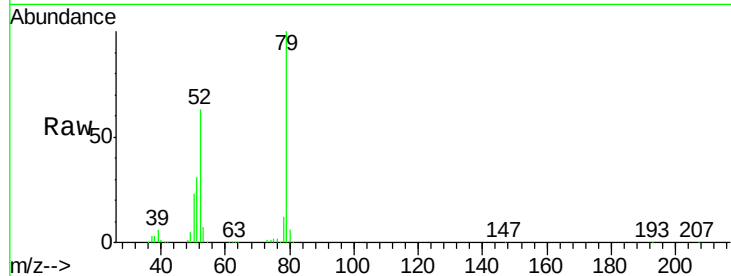
Tot Ion: 79 Resp: 401963

Ion Ratio Lower Upper

79 100

52 63.0 56.3 84.5

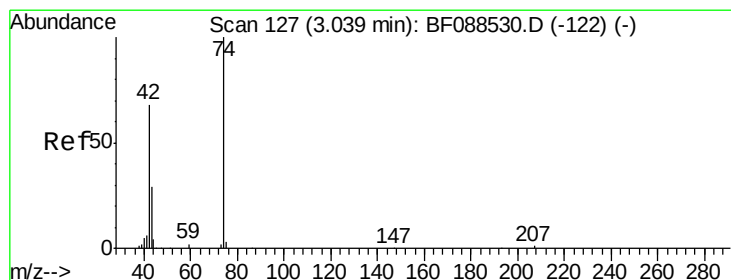
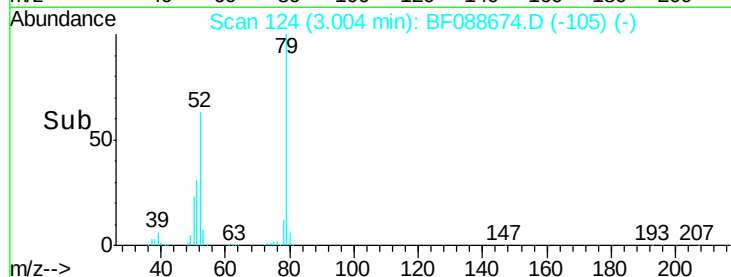
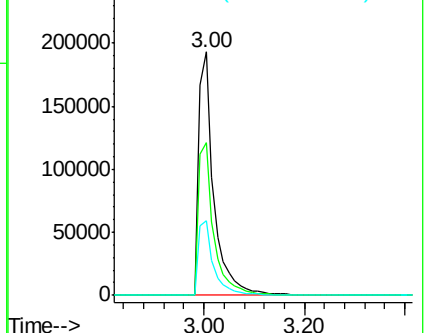
51 30.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.38 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.08 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

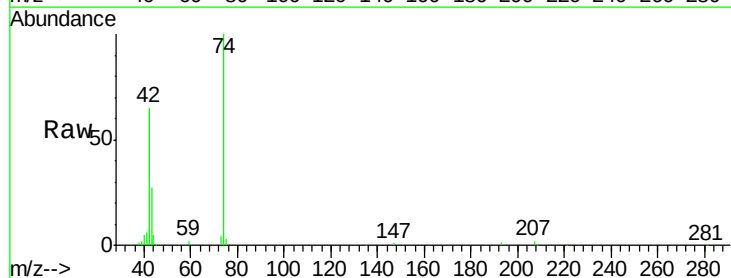
Tgt Ion: 42 Resp: 145338

Ion Ratio Lower Upper

42 100

74 154.6 108.6 163.0

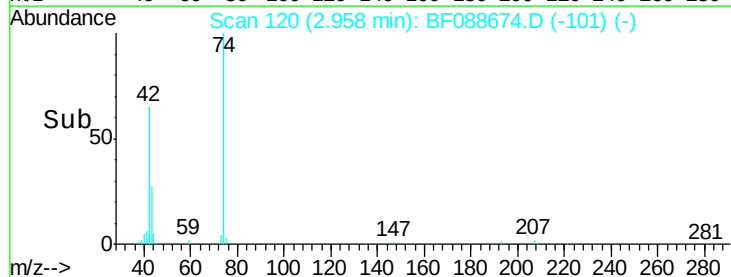
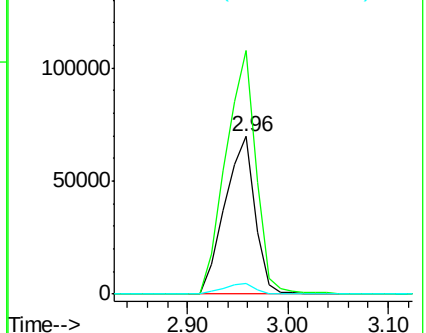
44 7.1 5.5 8.3

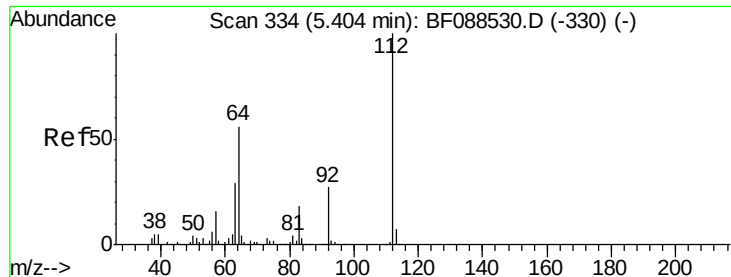


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.98 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

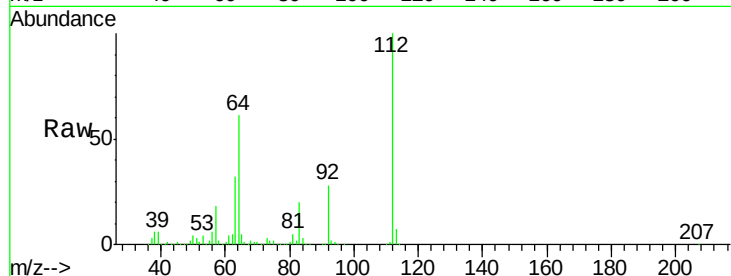
Tot Ion:112 Resp: 546027

Ion Ratio Lower Upper

112 100

64 60.8 42.2 63.2

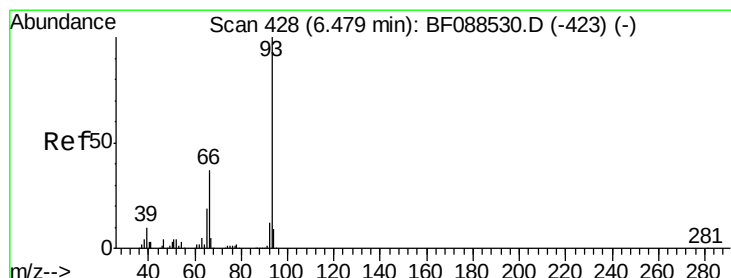
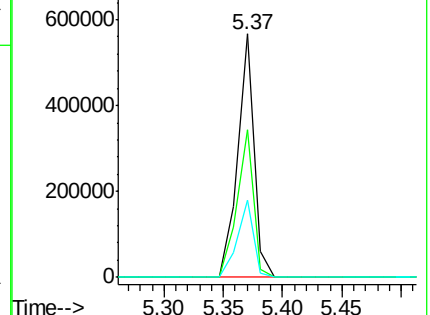
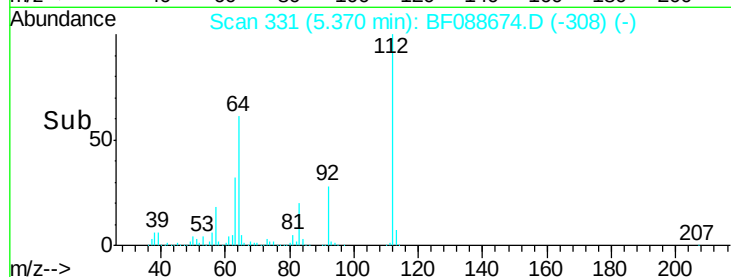
63 31.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.68 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

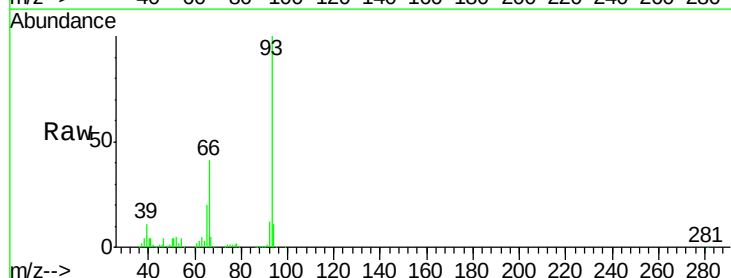
Tgt Ion: 93 Resp: 516853

Ion Ratio Lower Upper

93 100

66 40.7 29.8 44.8

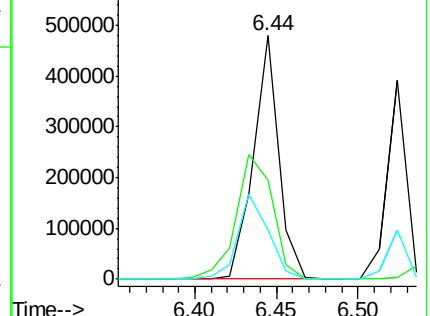
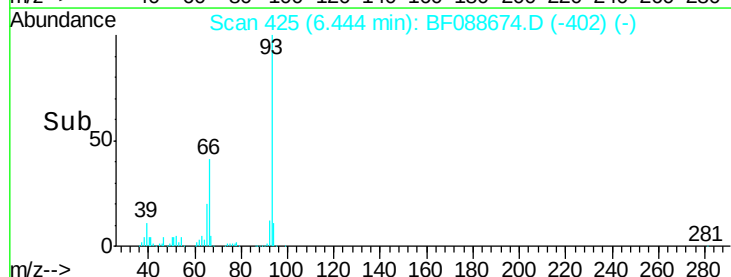
65 20.2 14.9 22.3

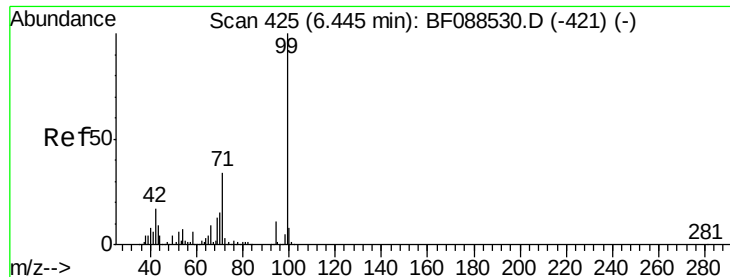


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.82 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

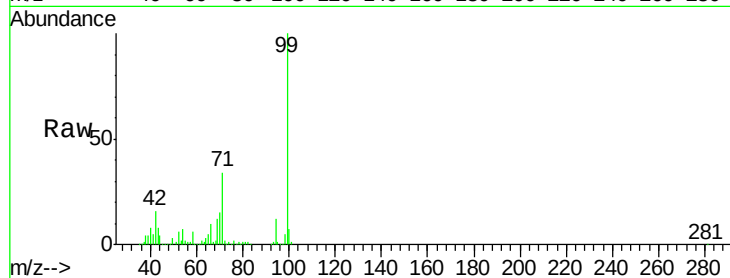
Tot Ion: 99 Resp: 723815

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

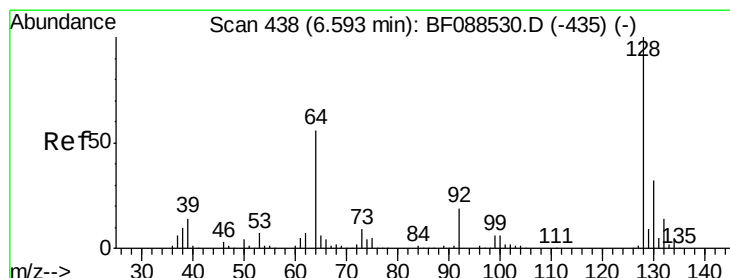
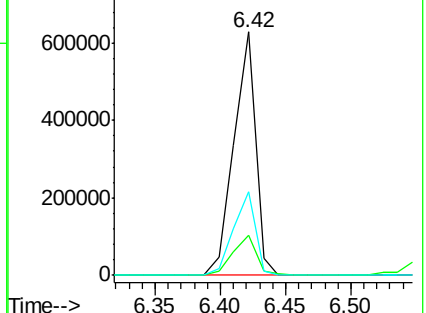
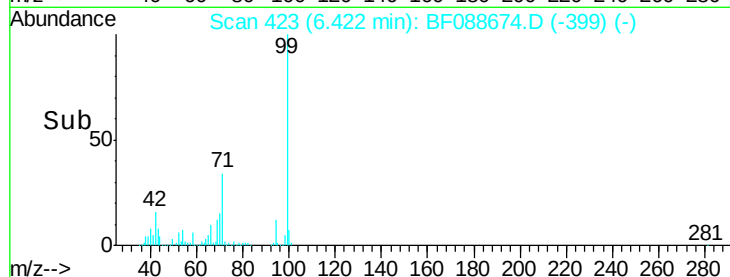
71 34.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.15 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

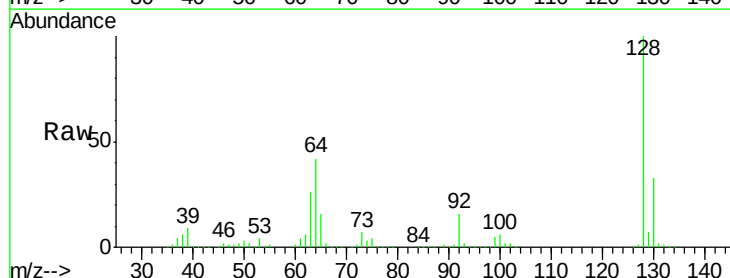
Tgt Ion: 128 Resp: 331940

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

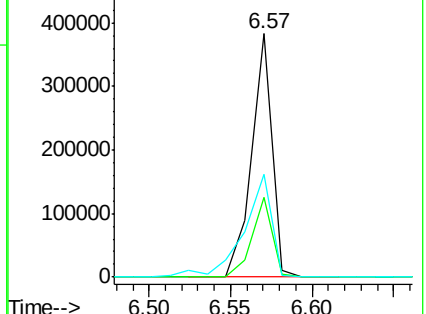
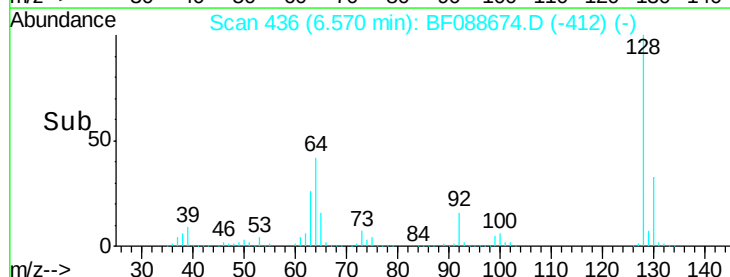
64 42.1 30.8 70.8

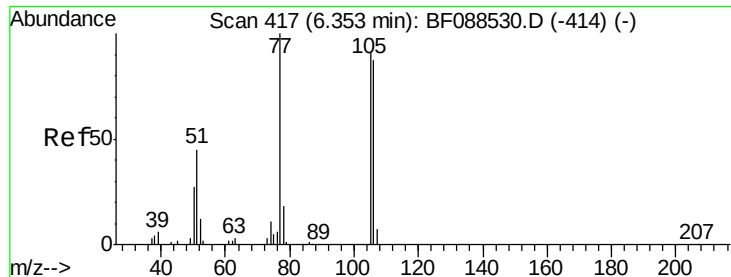


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.09 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampled :

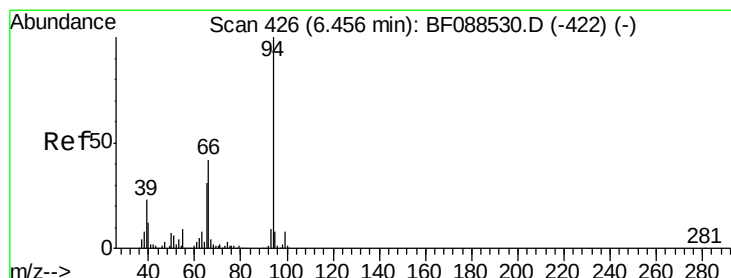
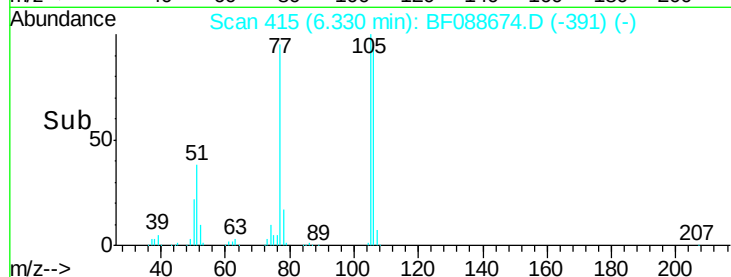
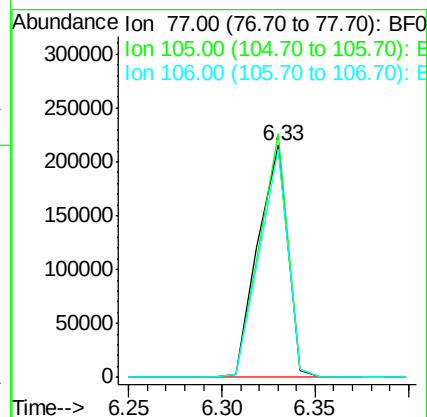
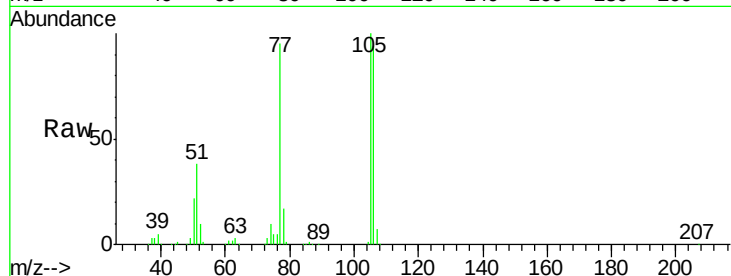
Tot Ion: 77 Resp: 236232

Ion Ratio Lower Upper

77 100

105 105.1 90.6 130.6

106 98.6 85.3 125.3



#10

Phenol

Concen: 36.61 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

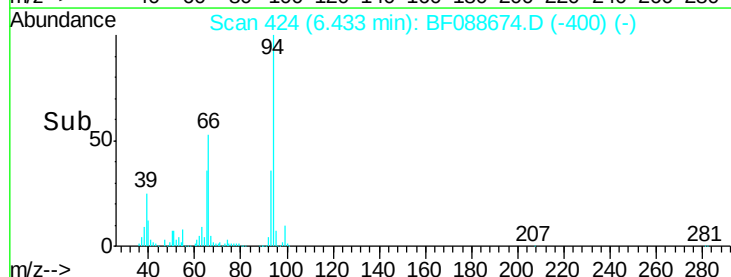
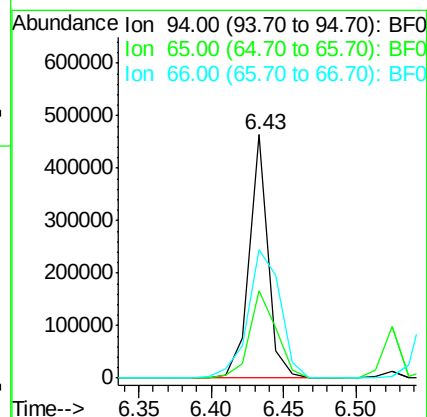
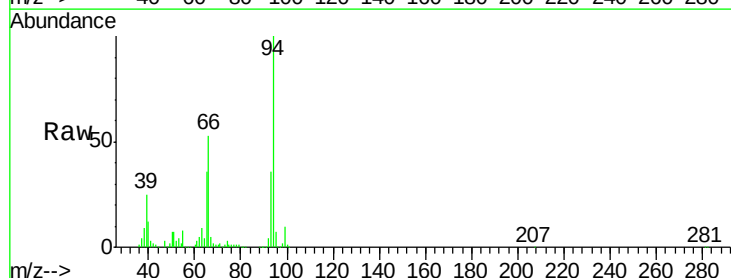
Tgt Ion: 94 Resp: 415352

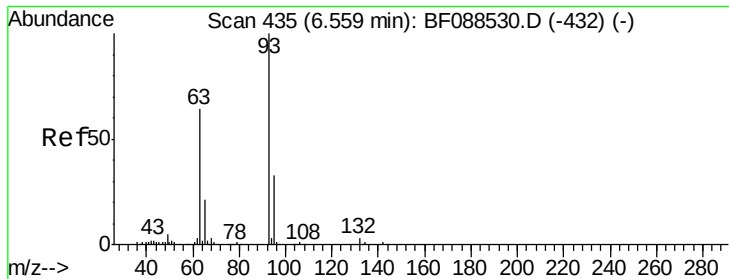
Ion Ratio Lower Upper

94 100

65 35.8 5.9 45.9

66 52.7 14.0 54.0

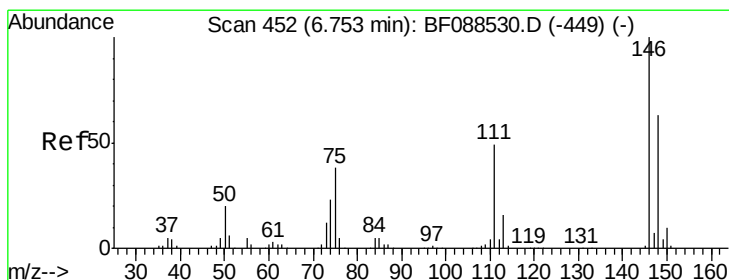
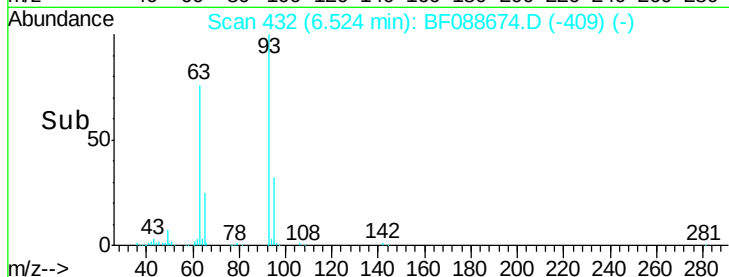
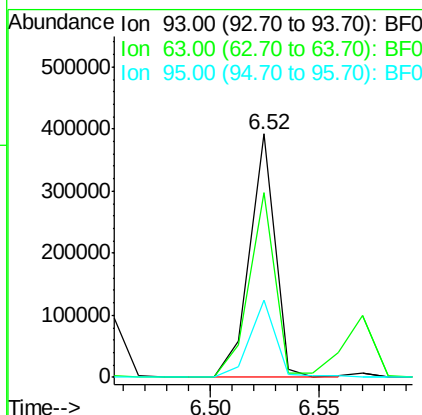
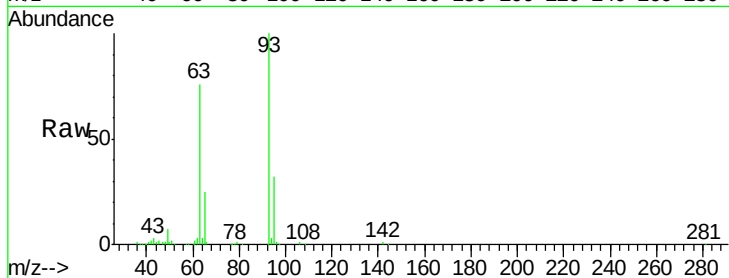




#11
bis(2-Chloroethyl)ether
Concen: 37.52 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

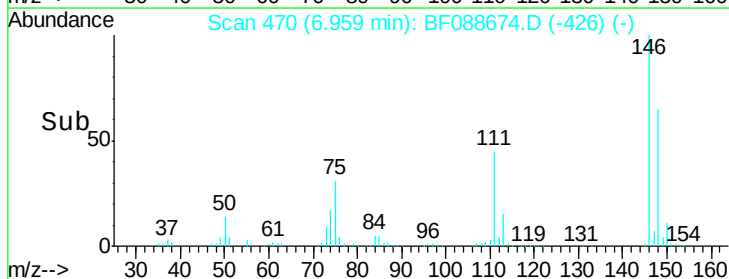
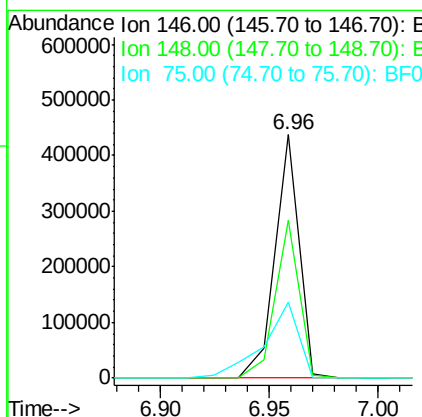
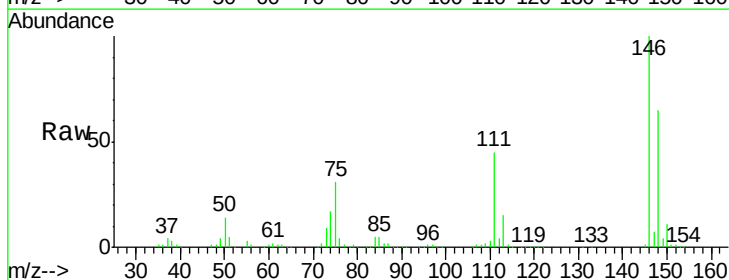
Instrument :
BNA_F
ClientSampled :

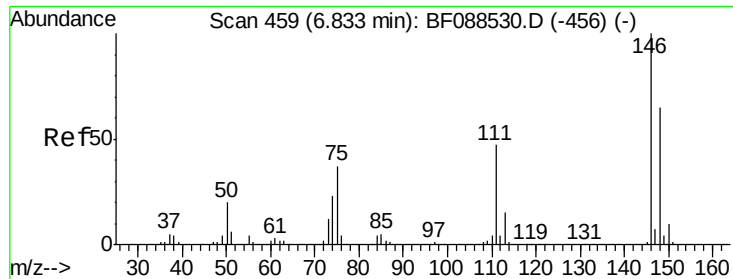
Tot Ion: 93 Resp: 317447
Ion Ratio Lower Upper
93 100
63 76.1 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.21 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion: 146 Resp: 341900
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 31.3 25.6 38.4

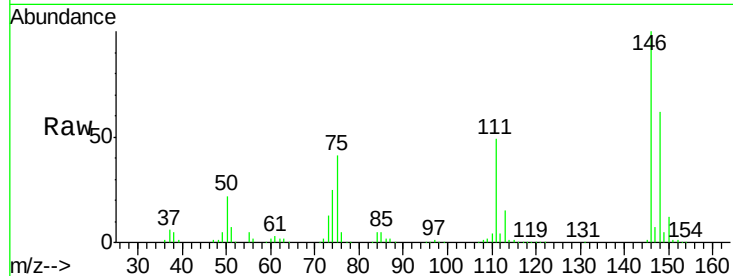




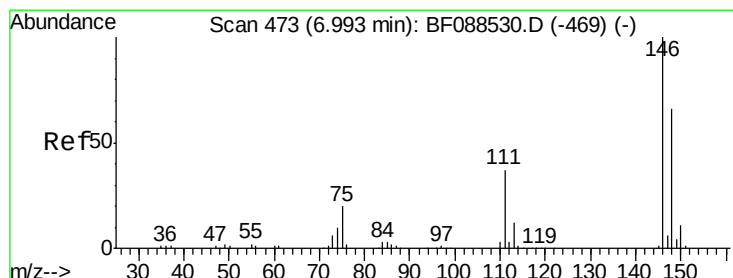
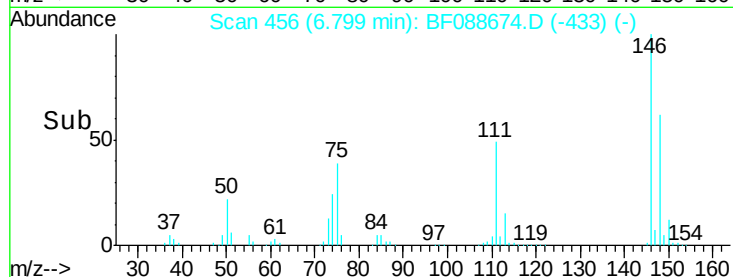
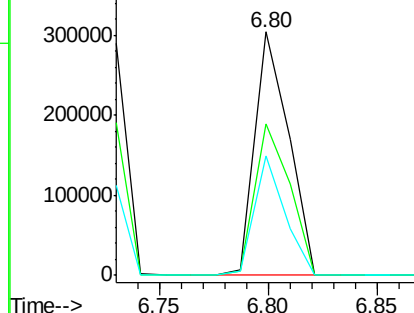
#13
 1,4-Dichlorobenzene
 Concen: 36.56 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 330193
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.0 78.0
 111 49.1 33.8 50.8

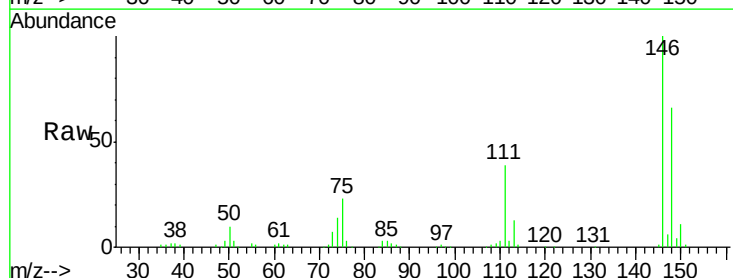


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

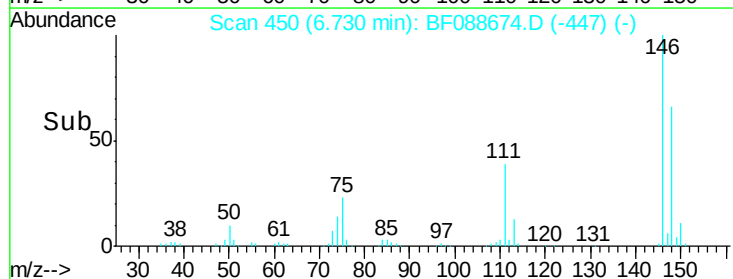
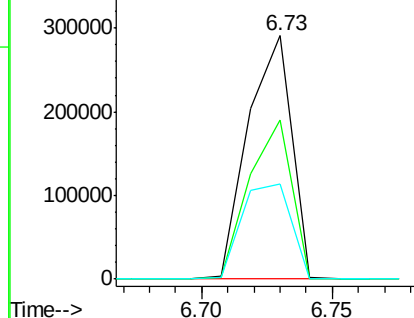


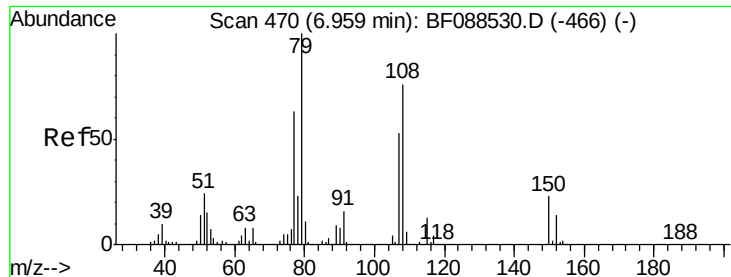
#14
 1,2-Dichlorobenzene
 Concen: 40.56 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.26 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:146 Resp: 342833
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.3 78.5
 111 38.8 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: 36.56 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

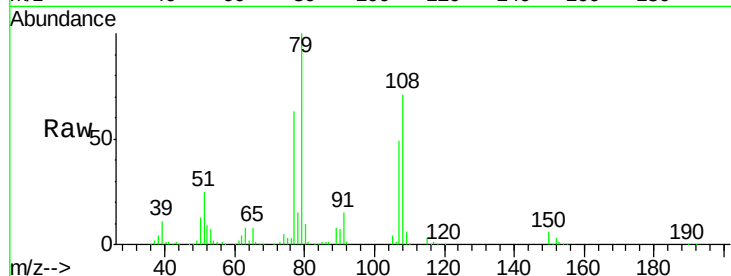
Tot Ion: 79 Resp: 267473

Ion Ratio Lower Upper

79 100

108 71.0 65.0 97.6

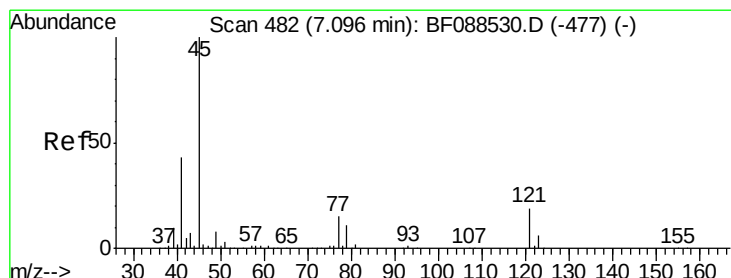
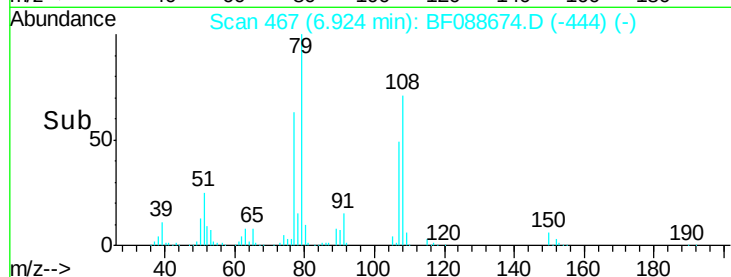
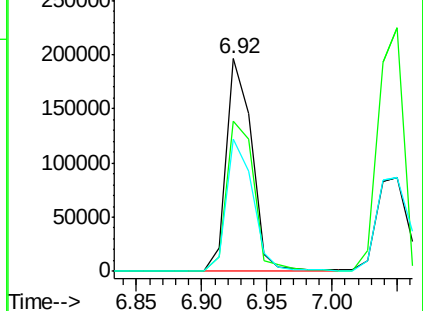
77 62.5 50.3 75.5



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: 34.91 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

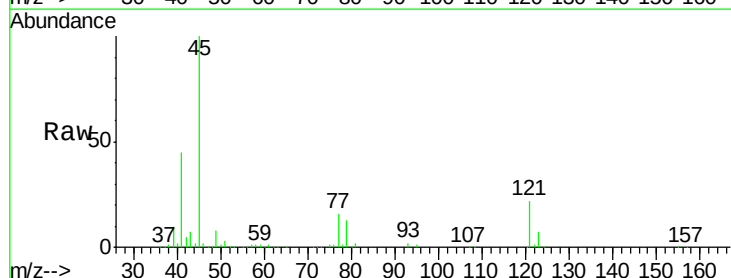
Tgt Ion: 45 Resp: 427666

Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.5

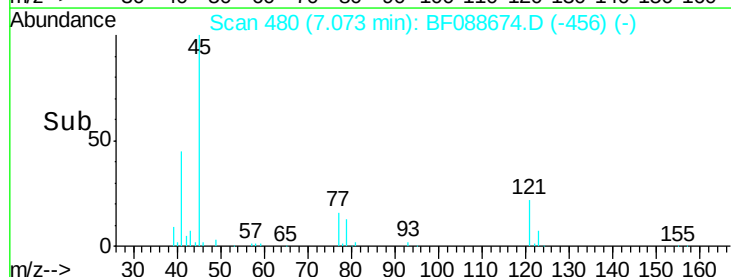
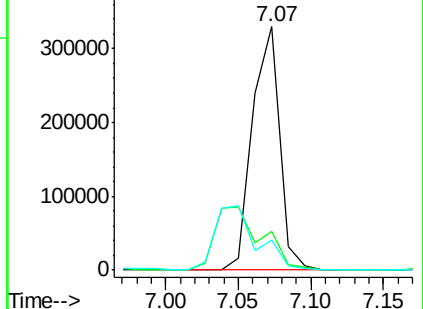
79 12.5 0.0 29.5

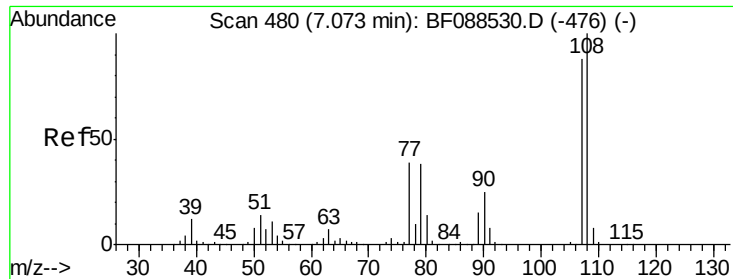


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

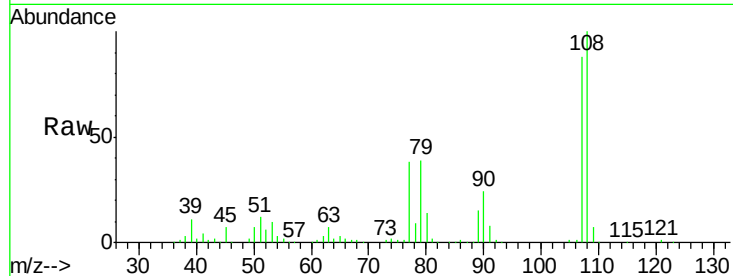




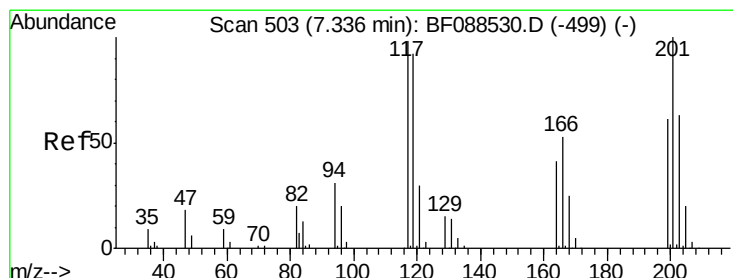
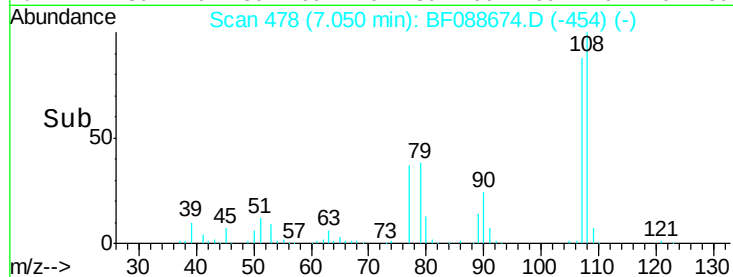
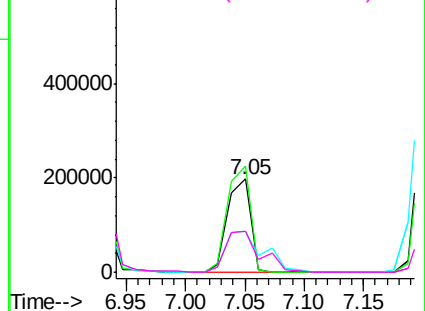
#17
2-Methylphenol
Concen: 39.96 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	269501
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.9	136.3
77	43.7	36.6	55.0
79	44.1	36.5	54.7

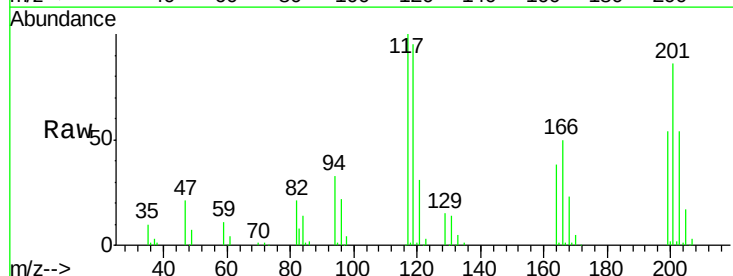


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

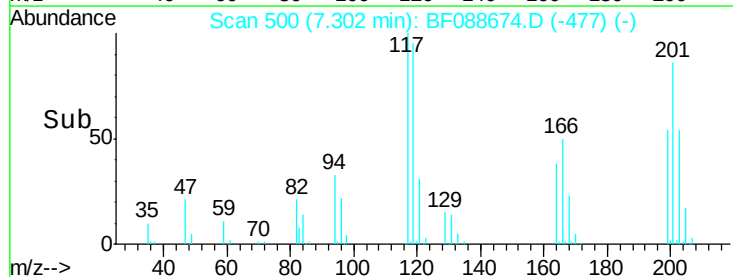
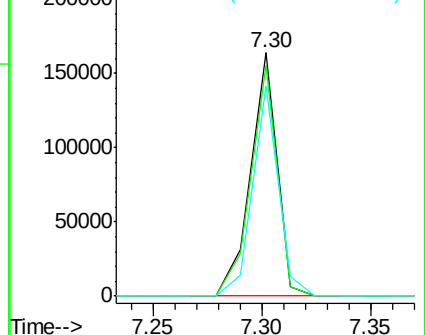


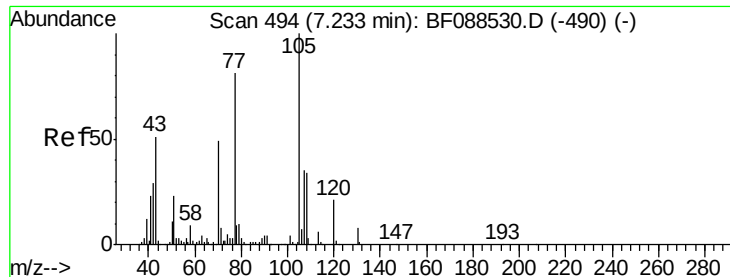
#18
Hexachloroethane
Concen: 39.55 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:	117	Resp:	138153
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.2
201	86.3	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

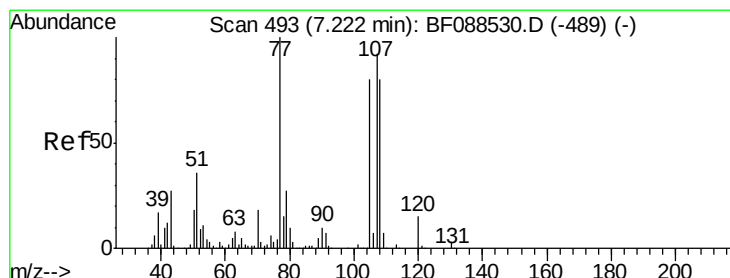
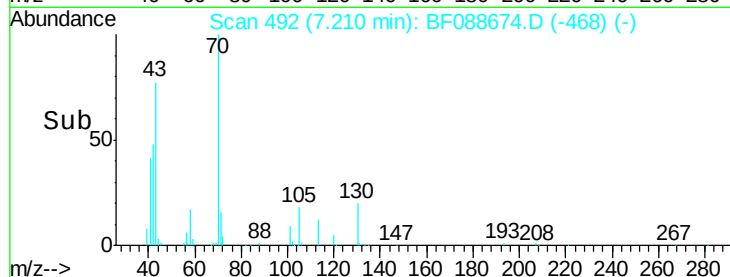
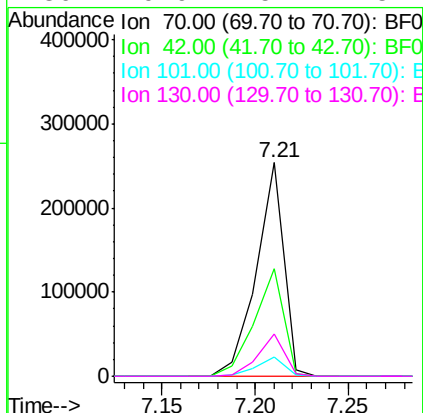
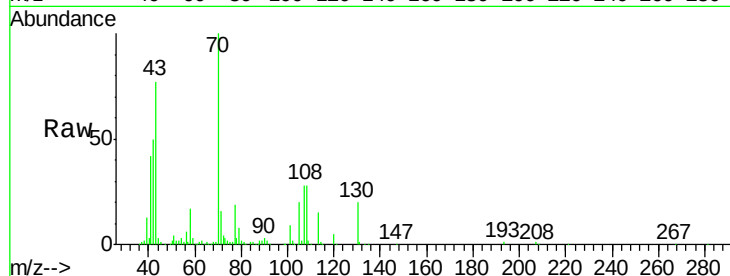




#19
n-Nitroso-di-n-propylamine
Concen: 38.67 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

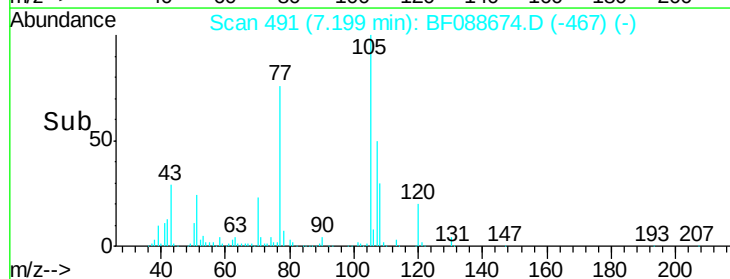
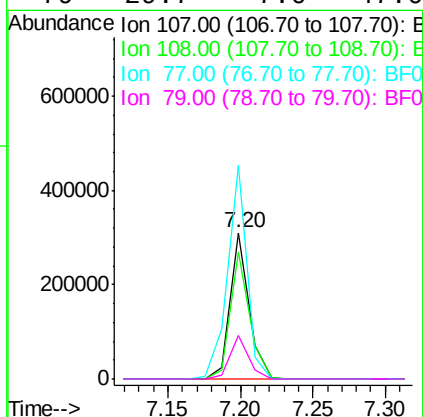
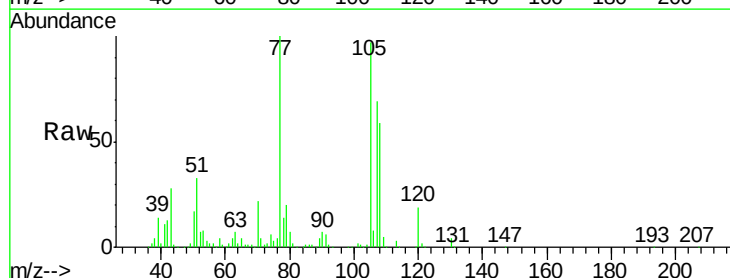
Instrument :
BNA_F
ClientSampleId :

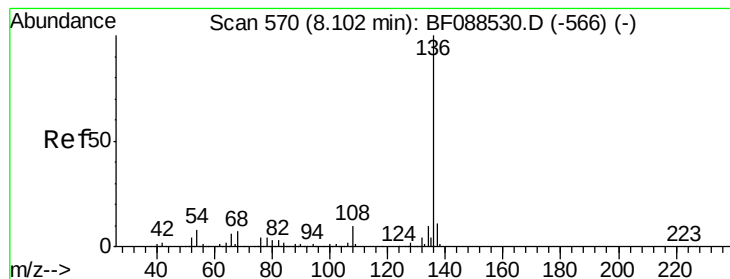
Tot Ion: 70 Resp: 258194
Ion Ratio Lower Upper
70 100
42 50.1 49.6 74.4
101 9.3 7.1 10.7
130 19.9 15.4 23.2



#20
3+4-Methylphenols
Concen: 34.57 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:107 Resp: 279827
Ion Ratio Lower Upper
107 100
108 86.7 67.8 107.8
77 145.8 59.3 99.3#
79 29.7 7.0 47.0

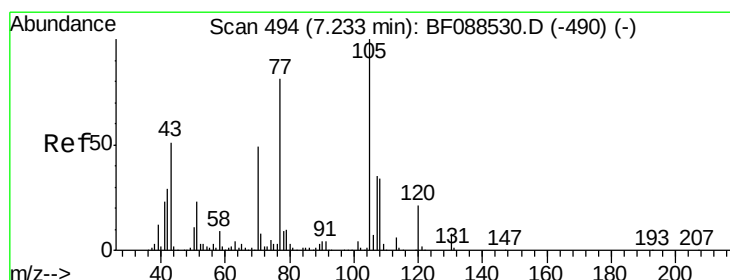
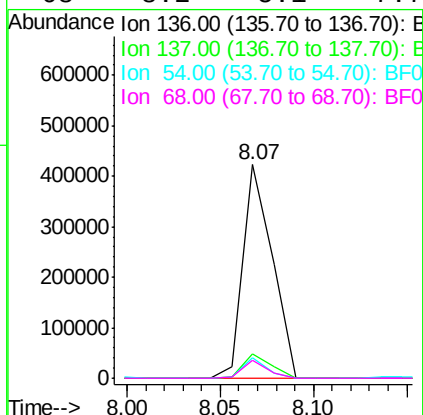
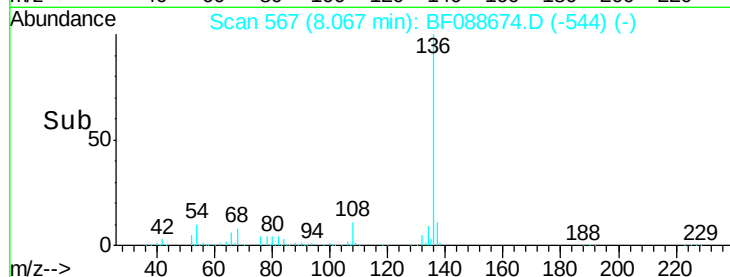
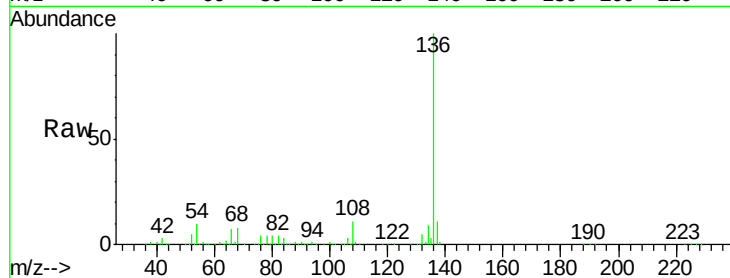




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

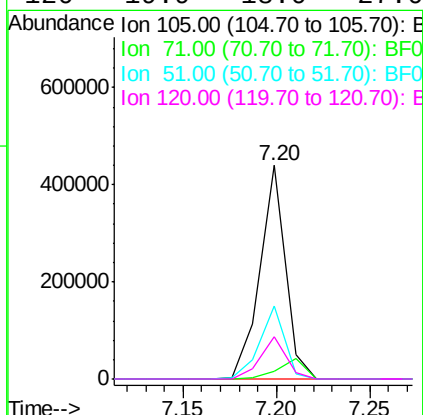
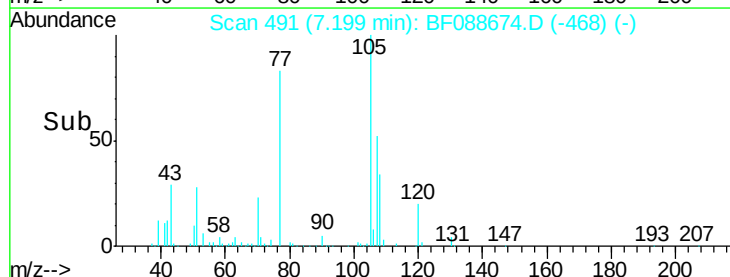
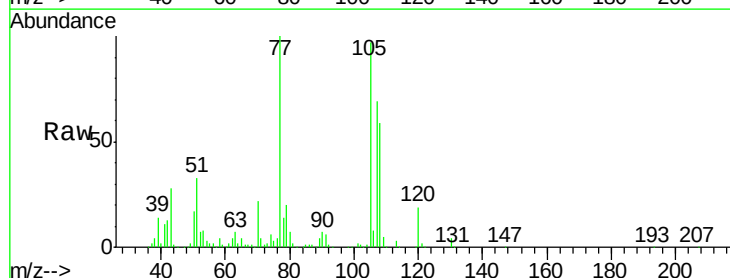
Instrument :
BNA_F
ClientSampleId :

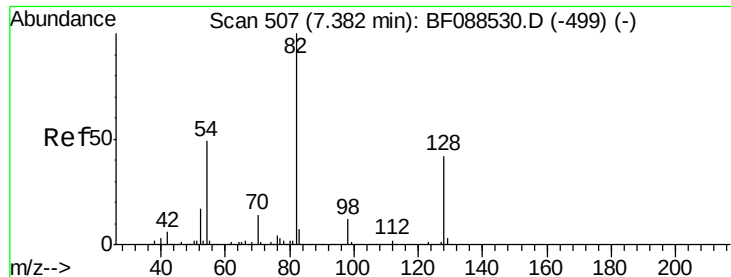
Tot Ion:136	Resp:	461153
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	9.7	6.6 10.0
68	8.2	5.1 7.7#



#22
Acetophenone
Concen: 37.30 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:105	Resp:	417512
Ion Ratio	Lower	Upper
105	100	
71	3.7	5.3 7.9#
51	34.3	18.2 27.4#
120	19.9	18.0 27.0

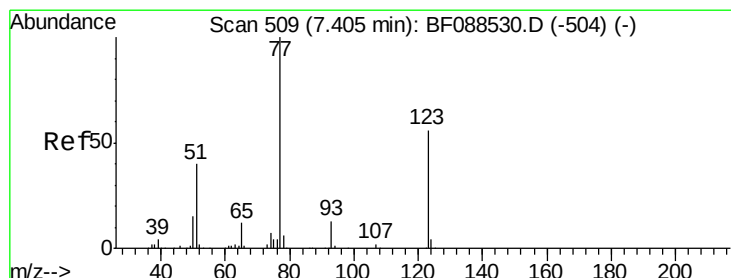
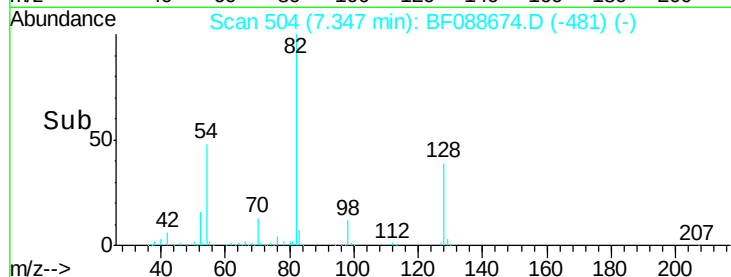
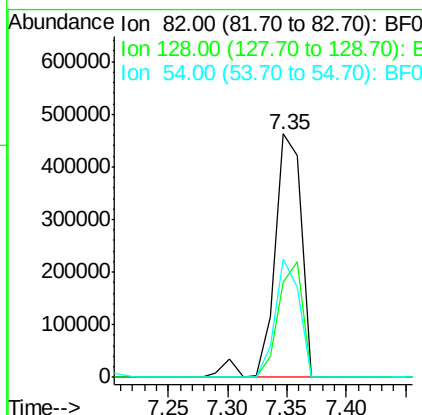
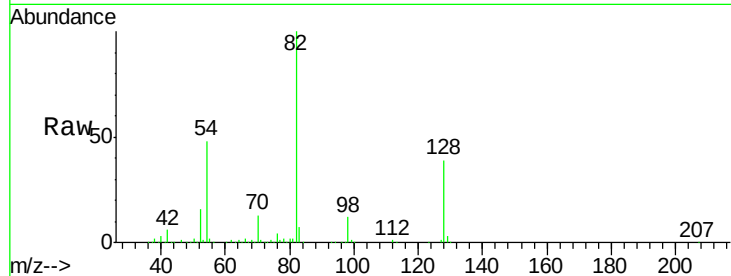




#23
 Nitrobenzene-d5
 Concen: 81.56 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

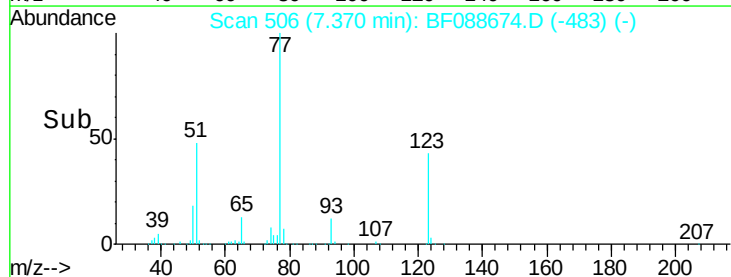
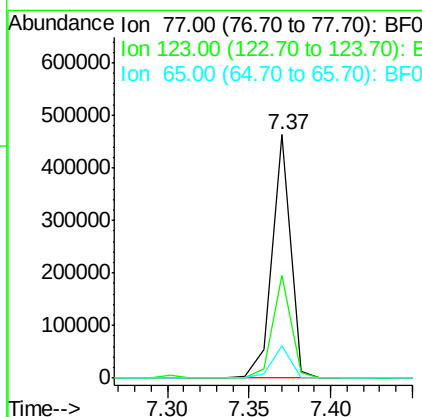
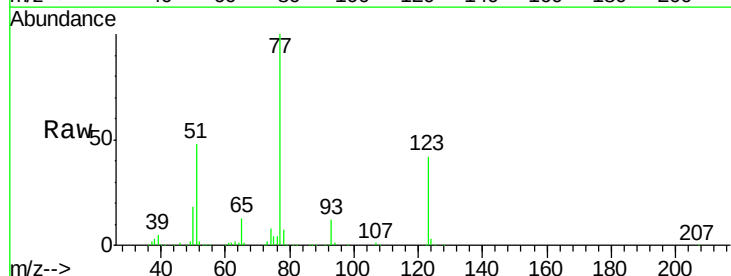
Instrument :
 BNA_F
 ClientSampleId :

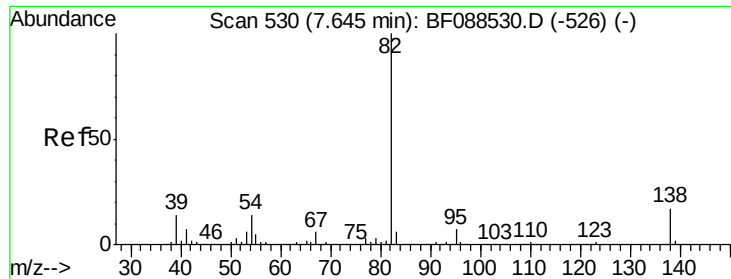
Tot Ion	82	Resp	717716
Ion Ratio	Lower	Upper	
82	100		
128	39.0	35.9	53.9
54	48.5	40.9	61.3



#24
 Nitrobenzene
 Concen: 41.27 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion	77	Resp	366185
Ion Ratio	Lower	Upper	
77	100		
123	42.5	45.0	67.4#
65	13.4	10.2	15.2





#25

Isophorone

Concen: 38.15 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

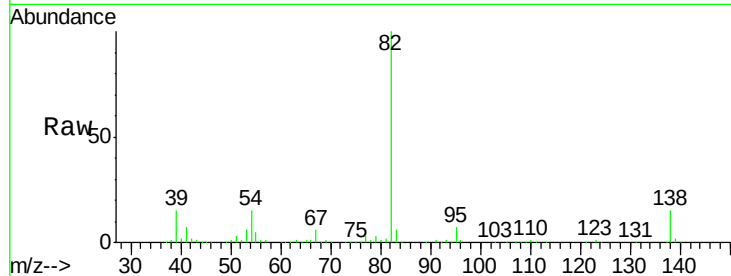
Tot Ion: 82 Resp: 621796

Ion Ratio Lower Upper

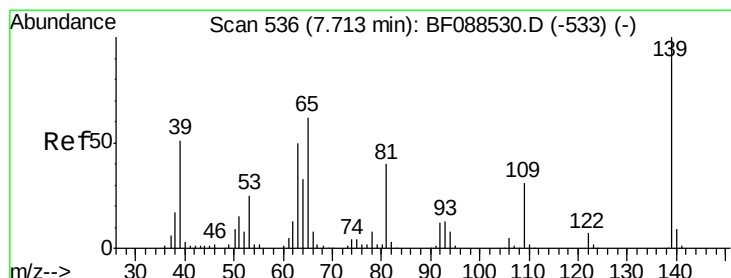
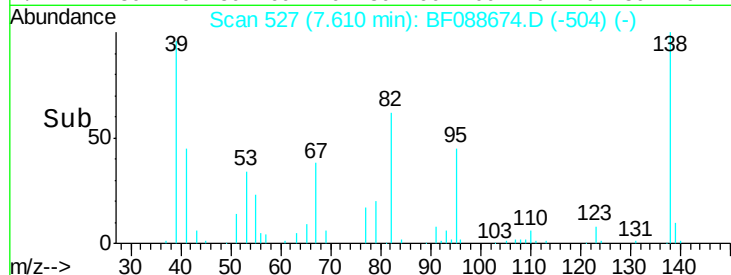
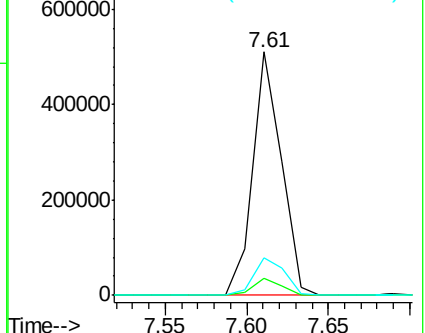
82 100

95 6.8 5.4 8.2

138 15.2 14.6 21.8



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



#26

2-Nitrophenol

Concen: 48.15 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

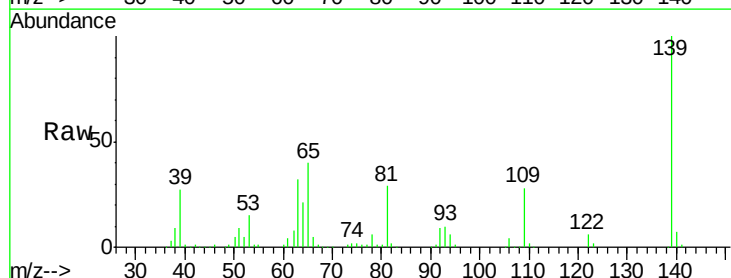
Tgt Ion: 139 Resp: 175184

Ion Ratio Lower Upper

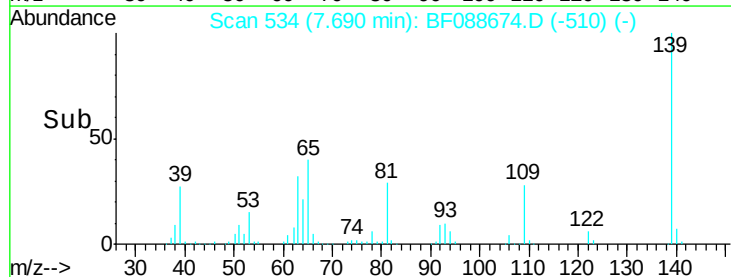
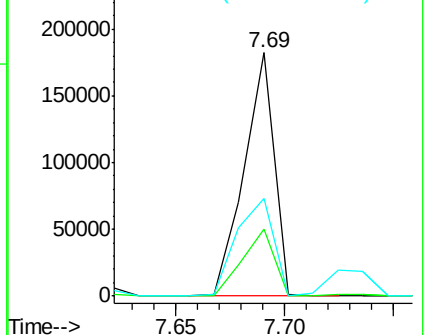
139 100

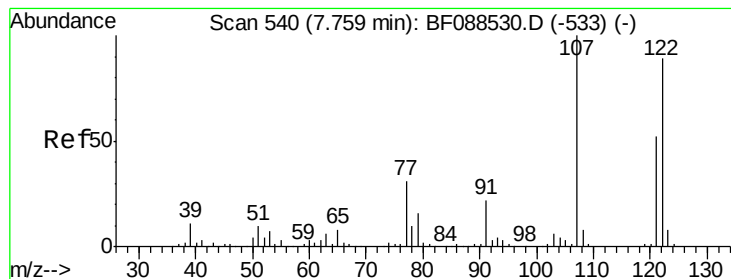
109 27.7 23.0 34.4

65 40.1 45.8 68.8#



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

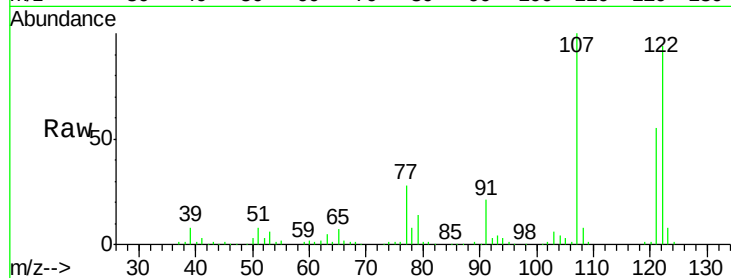




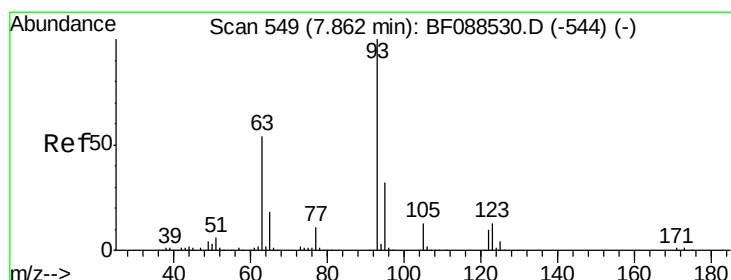
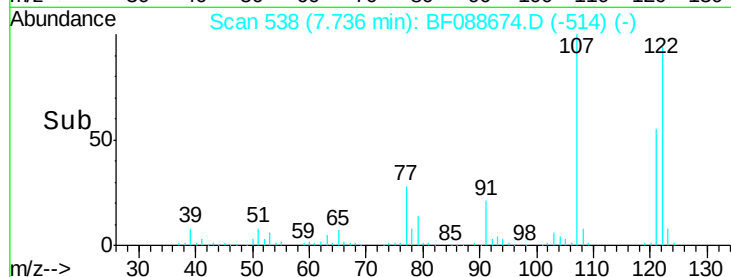
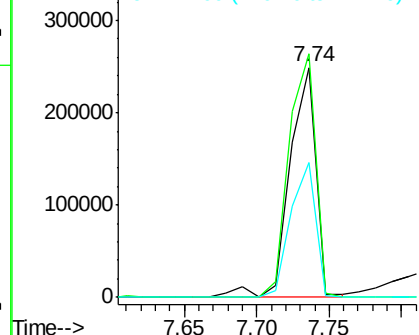
#27
 2,4-Dimethylphenol
 Concen: 41.25 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 312587
 Ion Ratio Lower Upper
 122 100
 107 105.9 82.4 123.6
 121 58.6 46.3 69.5

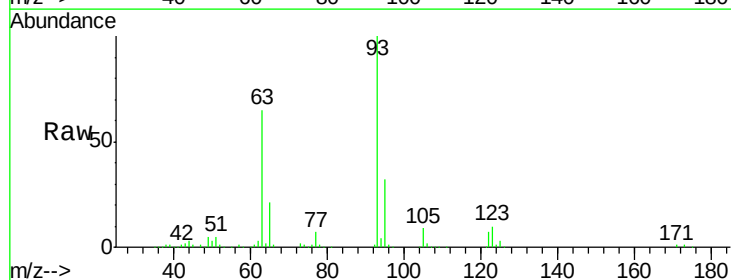


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

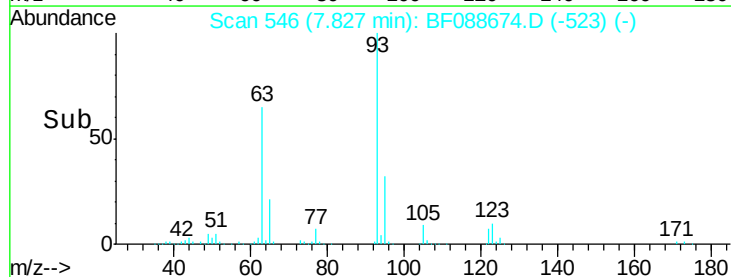
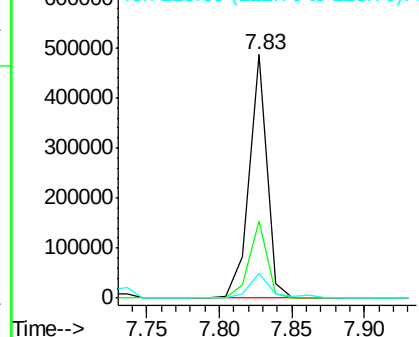


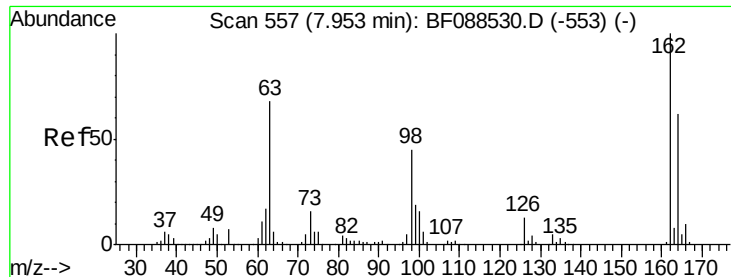
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.87 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion: 93 Resp: 412325
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.4 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

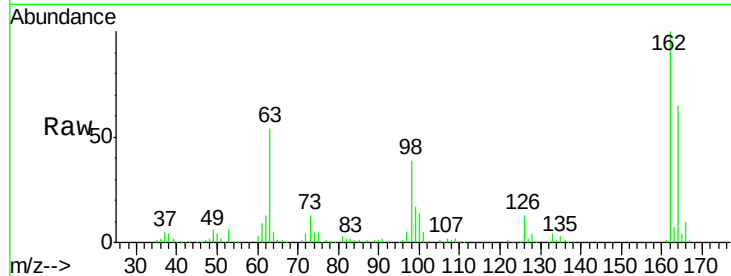




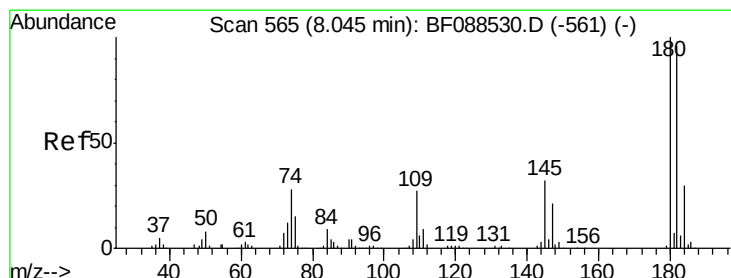
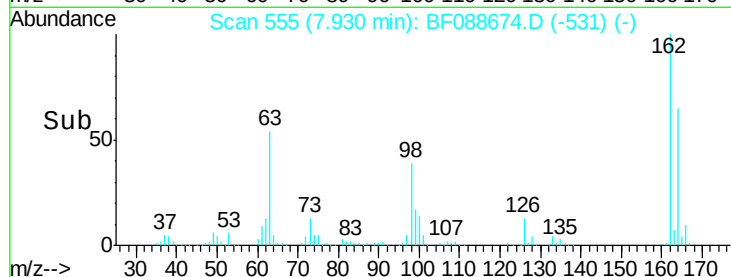
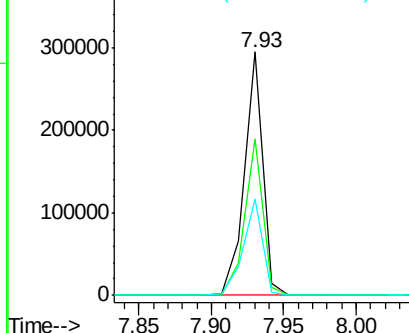
#29
 2,4-Dichlorophenol
 Concen: 42.36 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.8	83.8
98	39.5	21.3	61.3

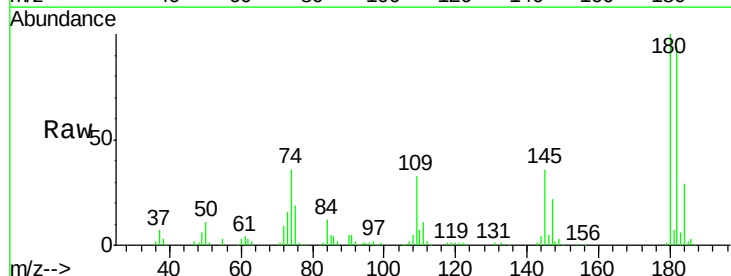


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

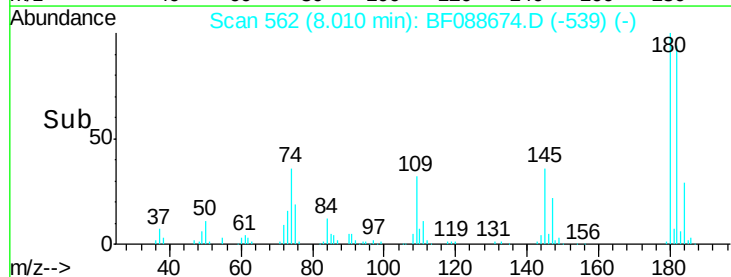
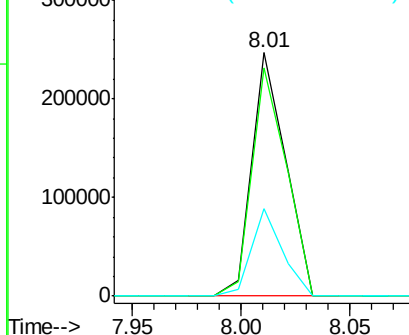


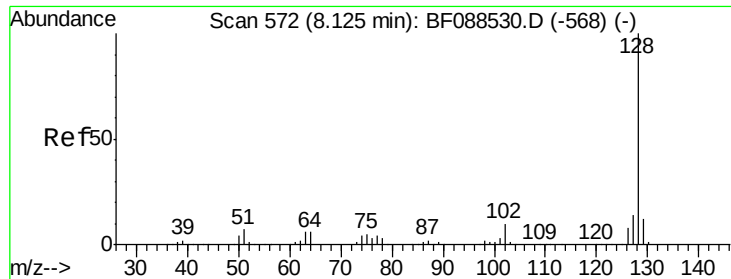
#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.0	114.0
145	35.8	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

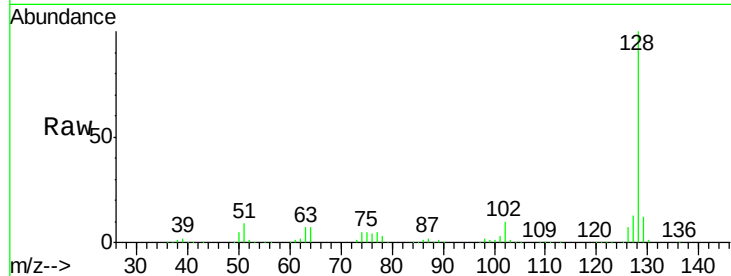




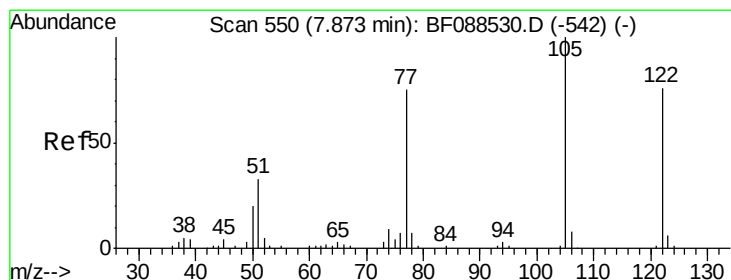
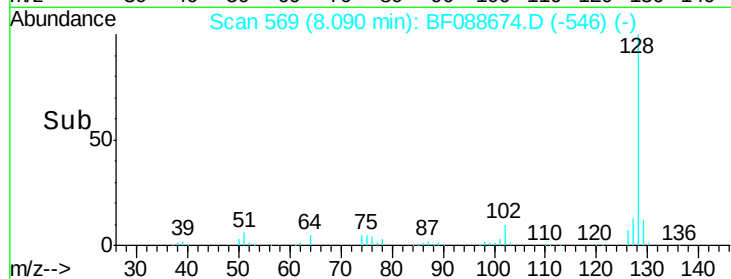
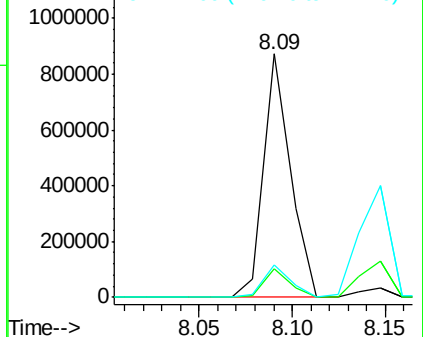
#31
Naphthalene
Concen: 37.99 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 863776
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.4 10.9 16.3

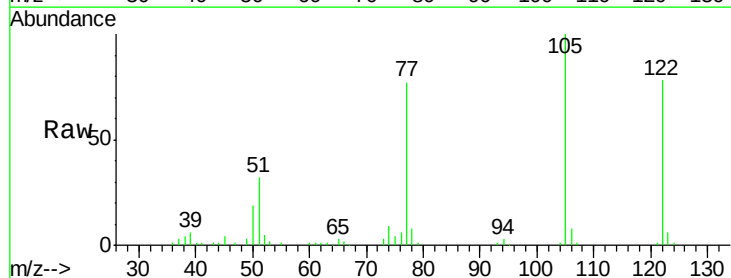


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

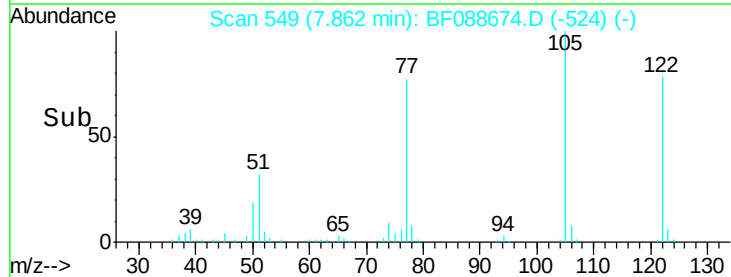
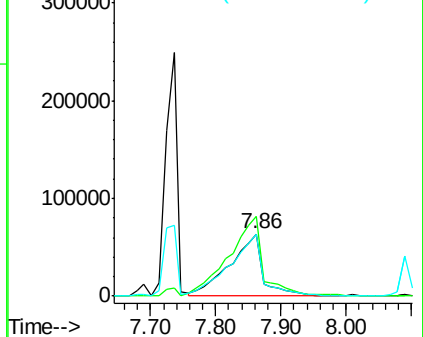


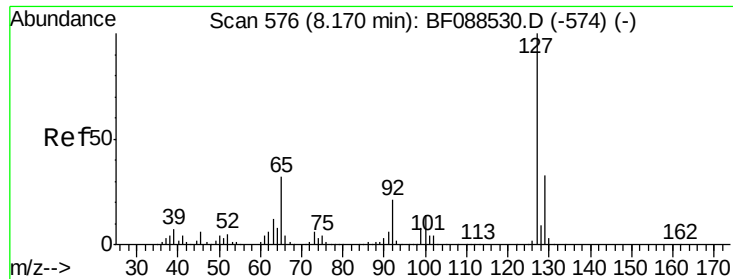
#32
Benzoic acid
Concen: 39.92 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:122 Resp: 219636
Ion Ratio Lower Upper
122 100
105 128.9 101.6 141.6
77 99.8 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

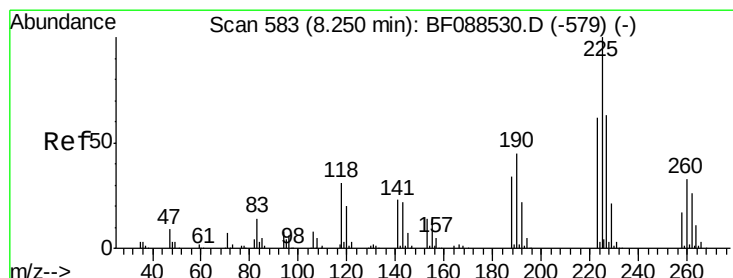
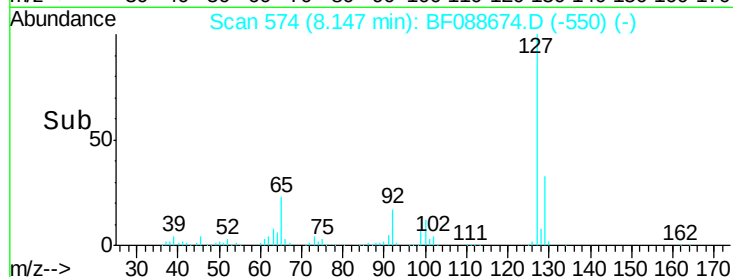
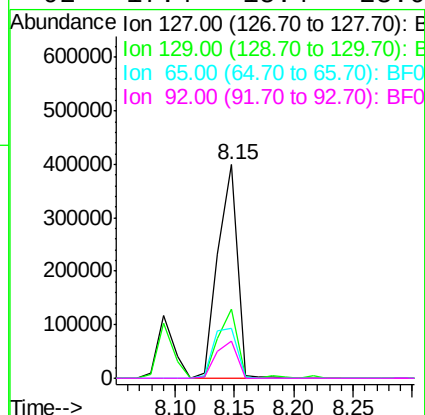
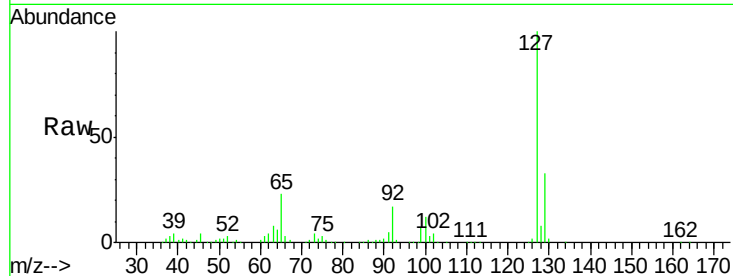




#33
4-Chloroaniline
Concen: 44.26 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

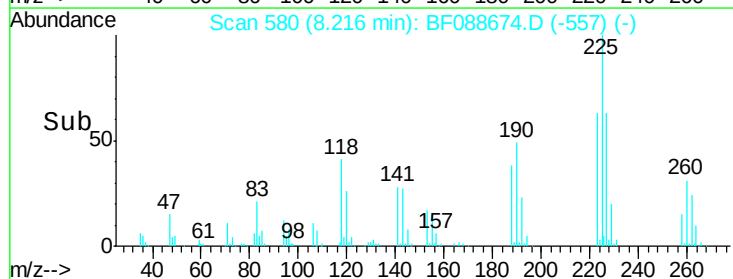
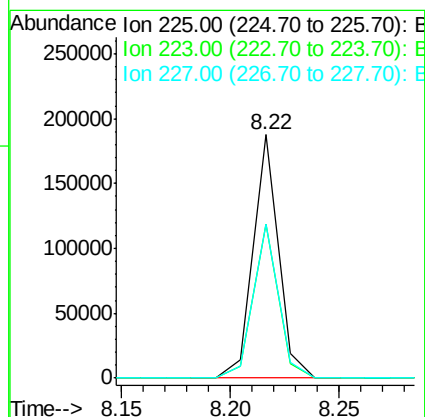
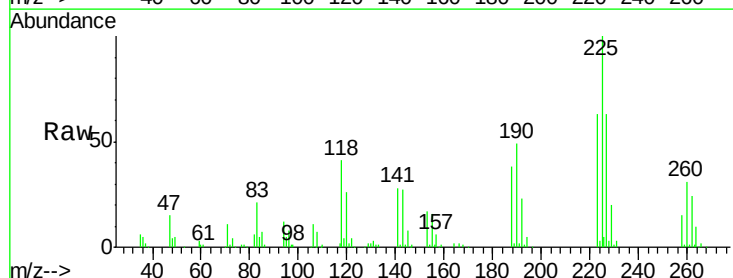
Instrument :
BNA_F
ClientSampleId :

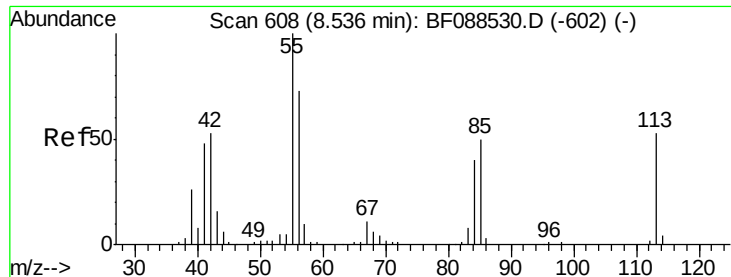
Tot Ion:	127	Resp:	447711
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	23.3	24.7	37.1#
92	17.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.08 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:	225	Resp:	151418
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.5	51.9	77.9





#35

Caprolactam

Concen: 40.62 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

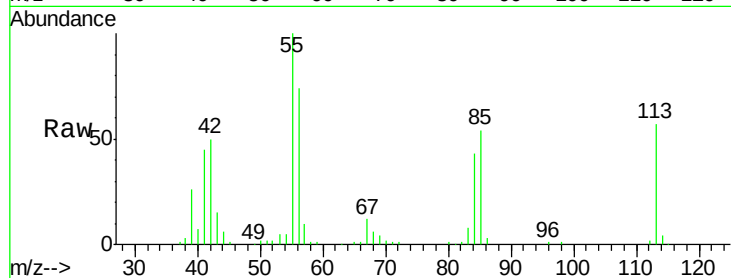
Tot Ion:113 Resp: 84490

Ion Ratio Lower Upper

113 100

55 177.0 158.6 198.6

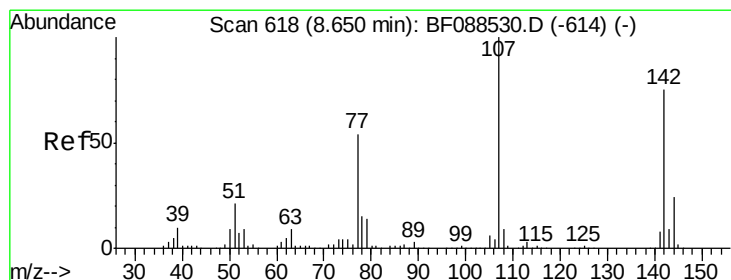
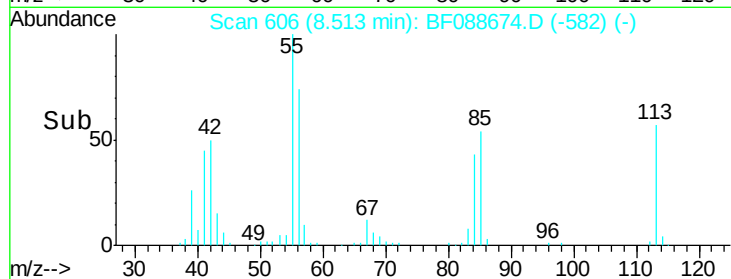
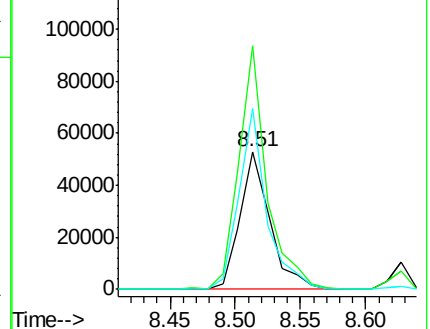
56 131.3 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.21 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

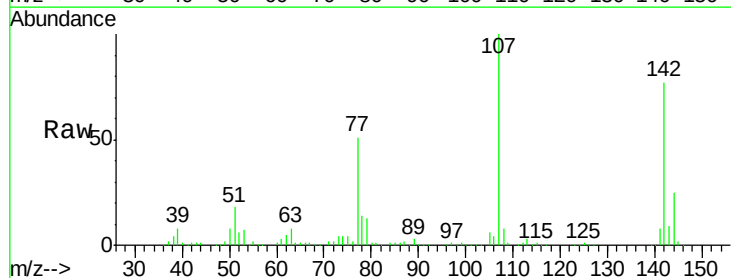
Tgt Ion:107 Resp: 320157

Ion Ratio Lower Upper

107 100

144 25.3 20.8 31.2

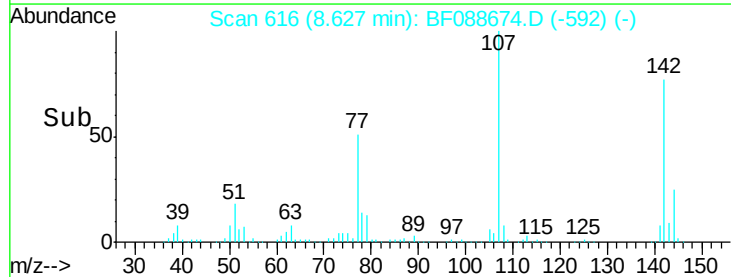
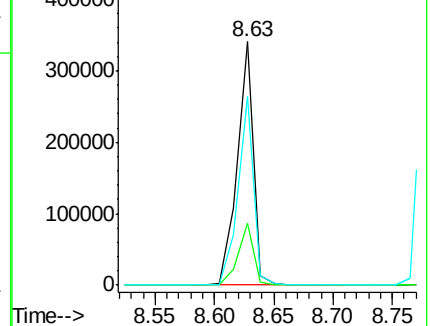
142 77.2 63.4 95.2

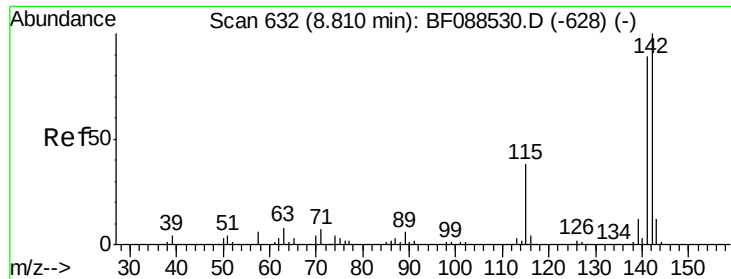


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

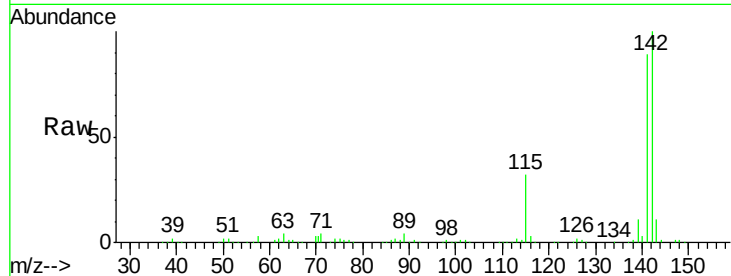




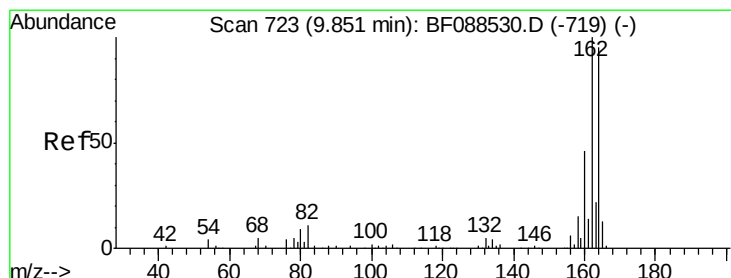
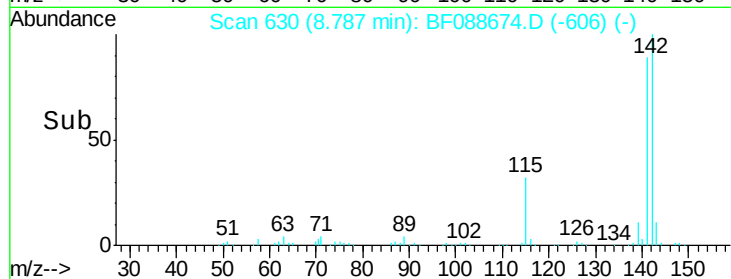
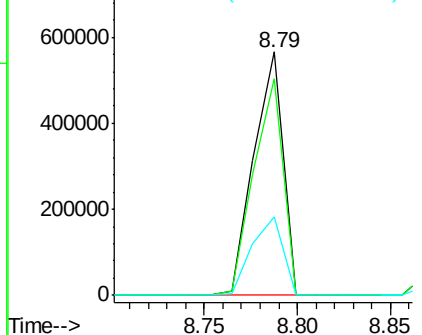
#37
2-Methylnaphthalene
Concen: 41.65 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 609670
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 32.2 22.6 33.8

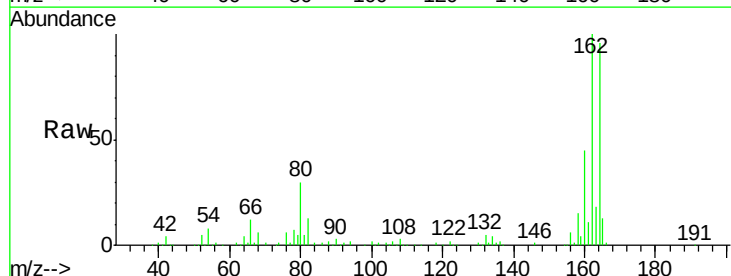


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

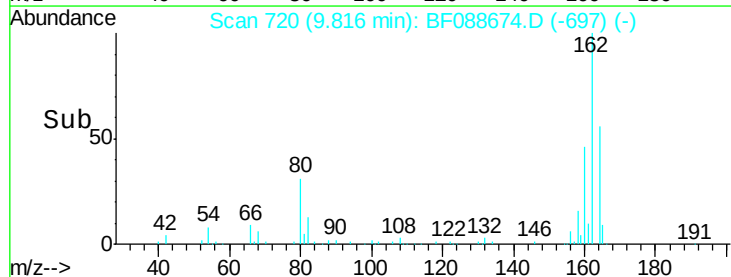
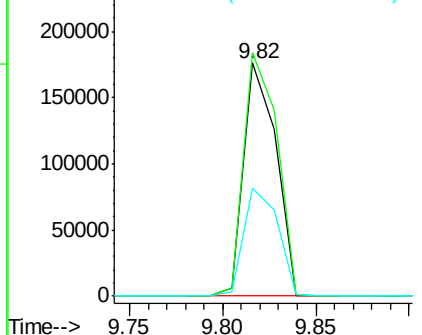


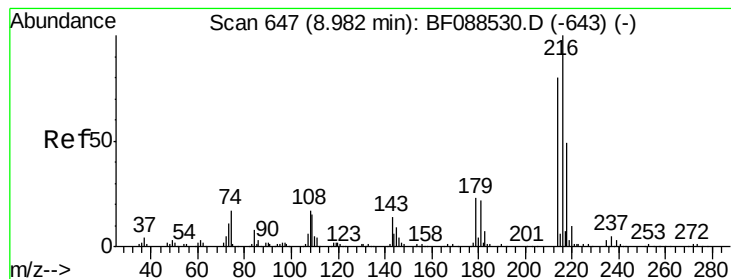
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:164 Resp: 212058
Ion Ratio Lower Upper
164 100
162 104.4 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: 38.54 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 271826

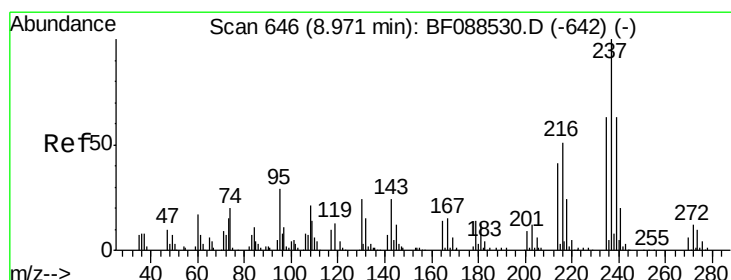
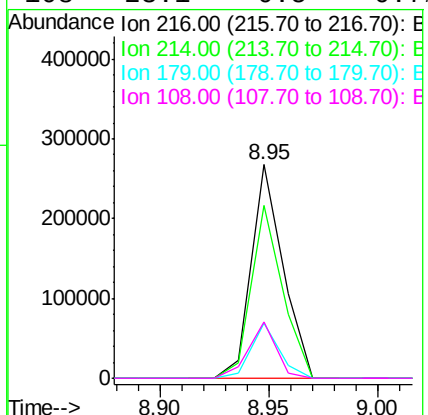
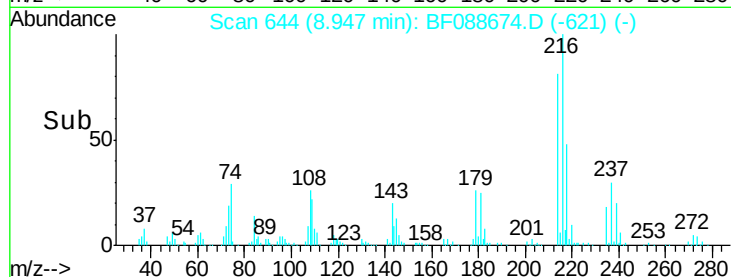
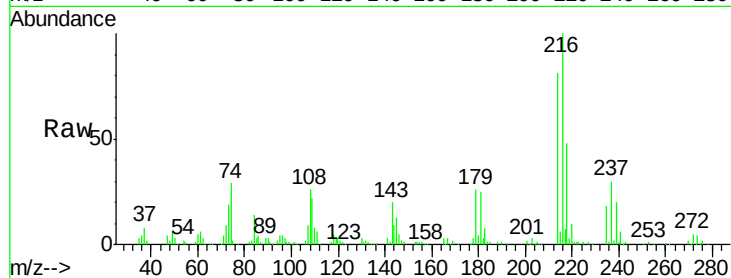
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 23.2 0.0 0.0#

108 23.1 0.5 0.7#



#40

Hexachlorocyclopentadiene

Concen: 36.30 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

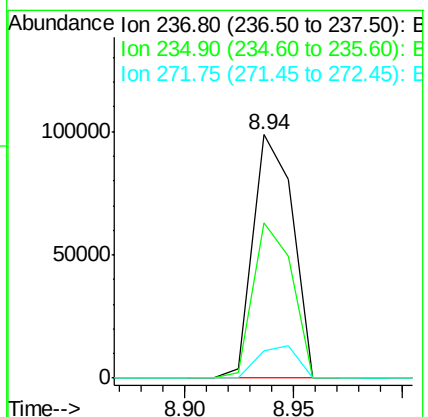
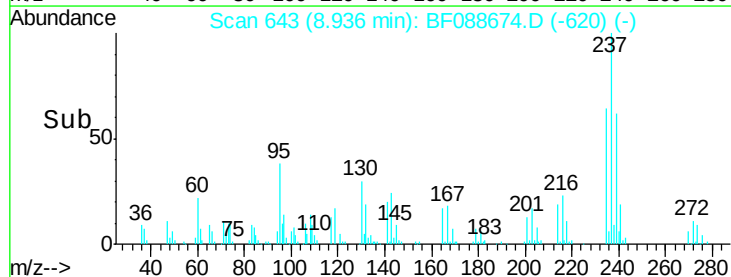
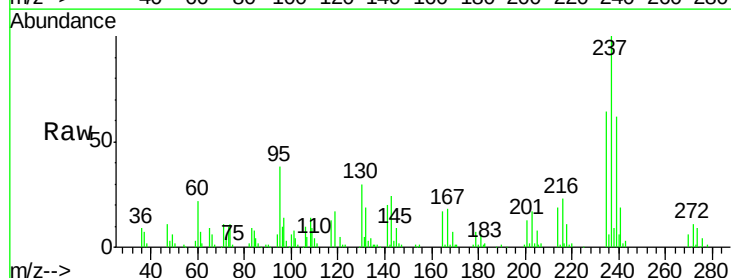
Tgt Ion:237 Resp: 125656

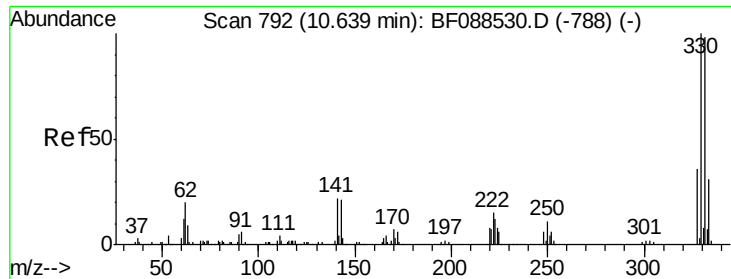
Ion Ratio Lower Upper

237 100

235 63.7 43.4 83.4

272 11.0 0.0 32.3

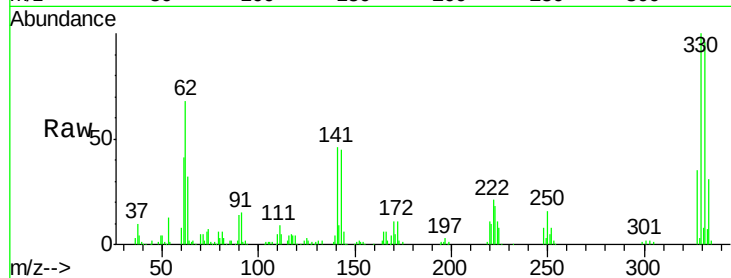




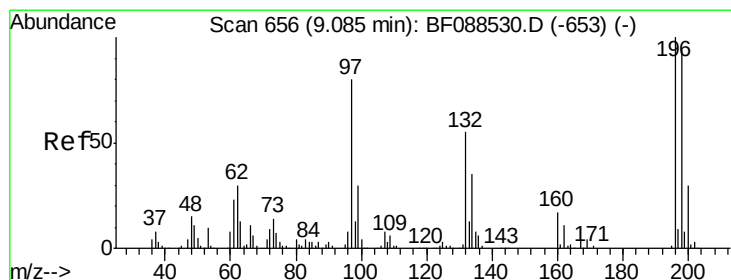
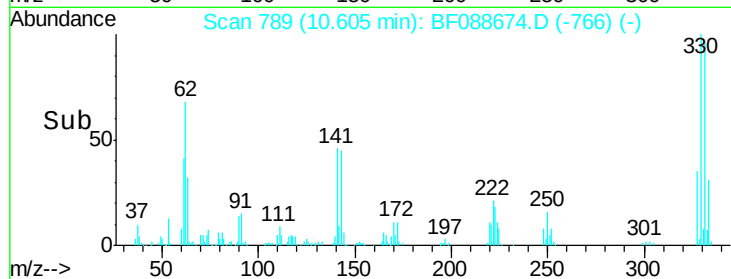
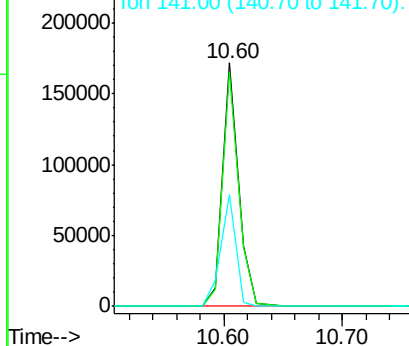
#41
 2,4,6-Tribromophenol
 Concen: 80.73 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	43.5	0.0	0.0#

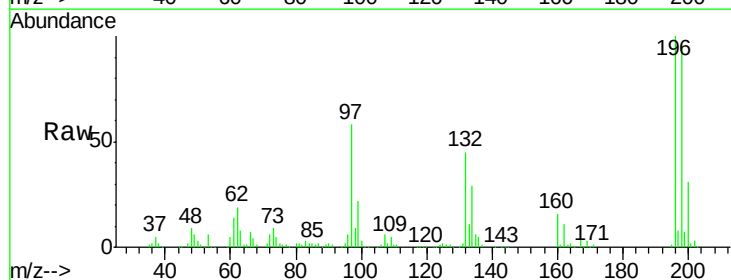


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

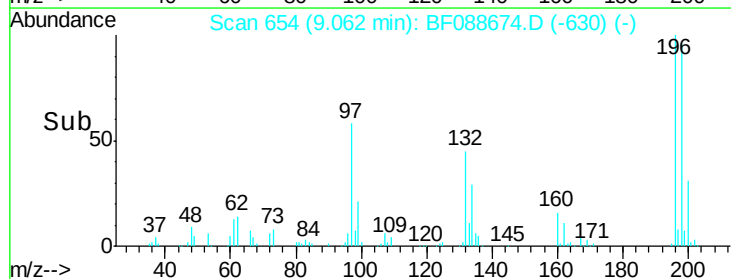
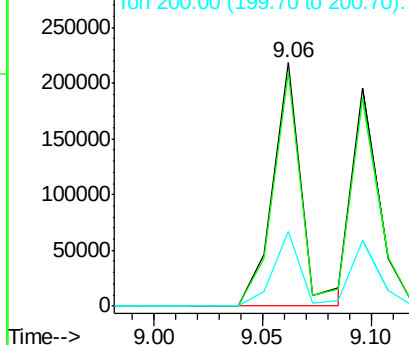


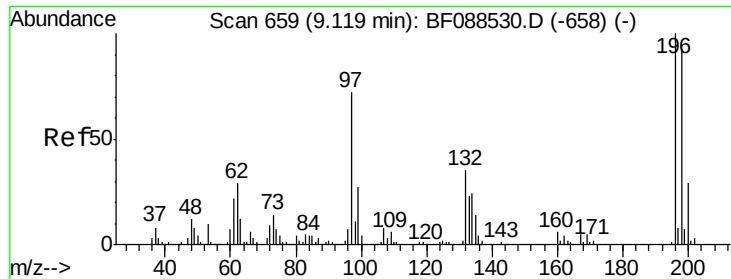
#42
 2,4,6-Trichlorophenol
 Concen: 43.12 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.0	117.0
200	30.9	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

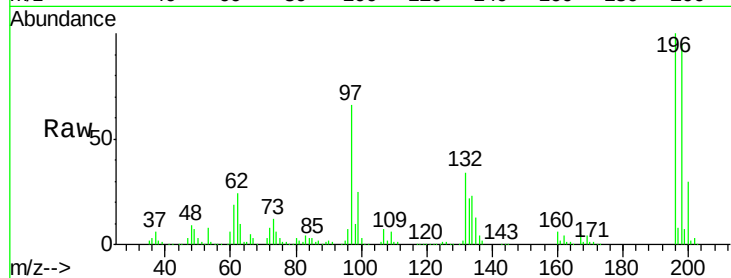




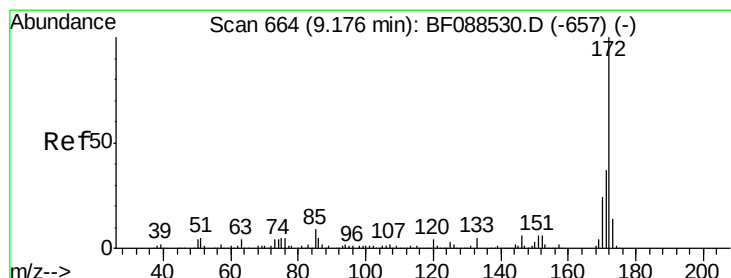
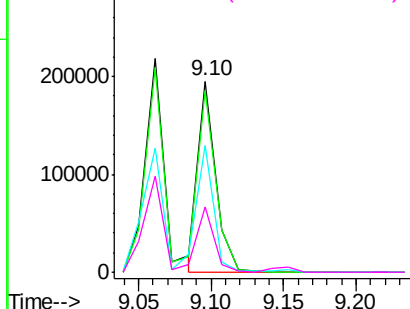
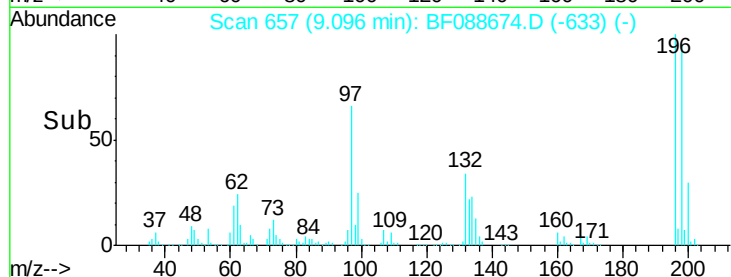
#43
 2,4,5-Trichlorophenol
 Concen: 41.79 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 167221
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 66.2 32.0 48.0#
 132 34.1 20.9 31.3#

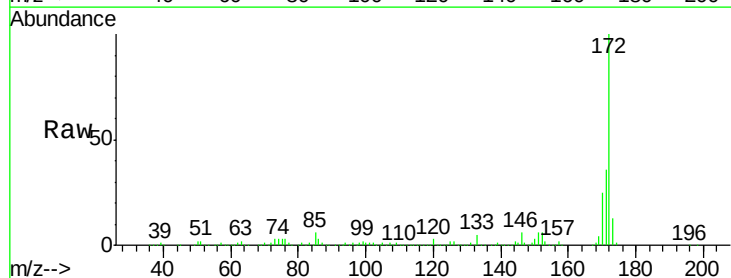


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

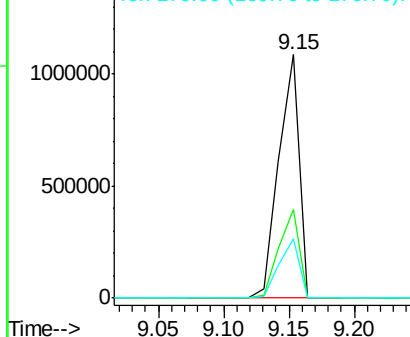
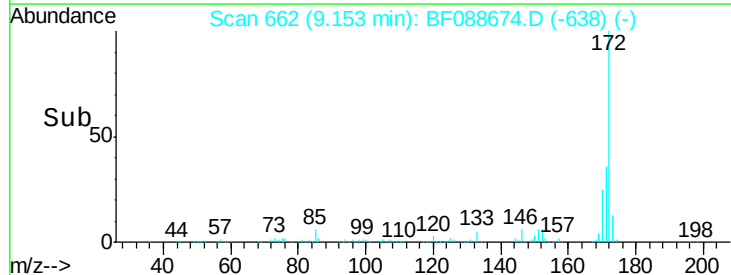


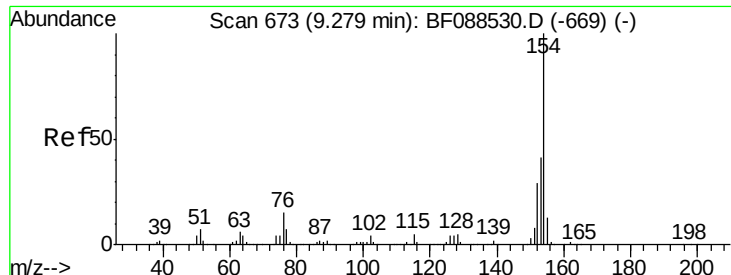
#44
 2-Fluorobiphenyl
 Concen: 88.74 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:172 Resp: 1191385
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.5 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 38.01 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

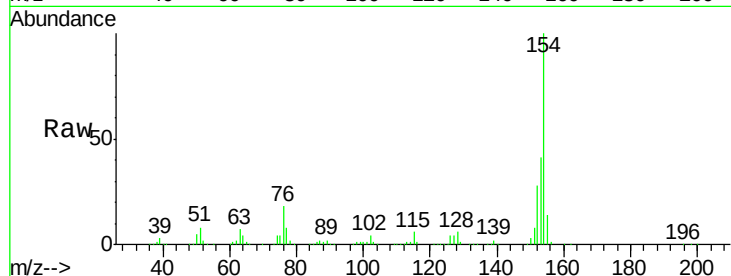
Tot Ion:154 Resp: 667518

Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

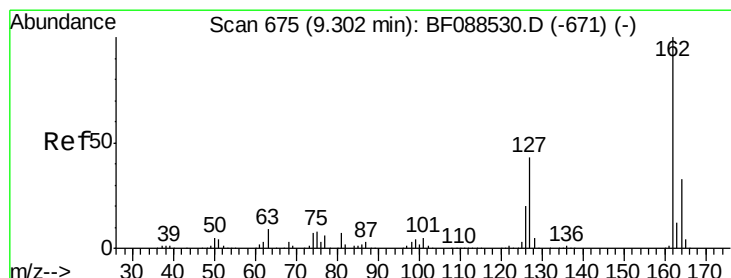
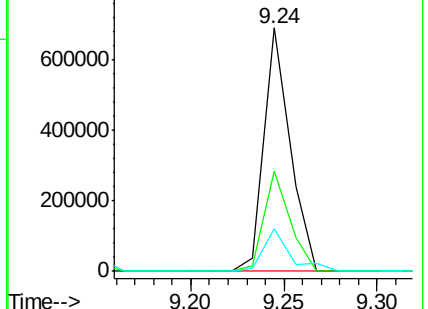
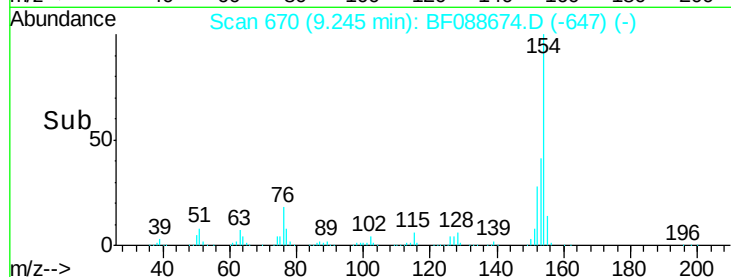
76 17.6 0.0 35.1



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: 38.73 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

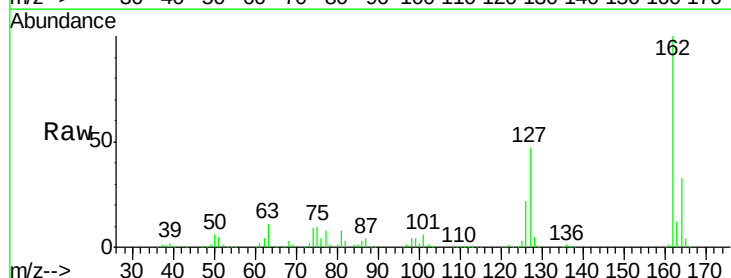
Tgt Ion:162 Resp: 533925

Ion Ratio Lower Upper

162 100

127 46.7 35.2 52.8

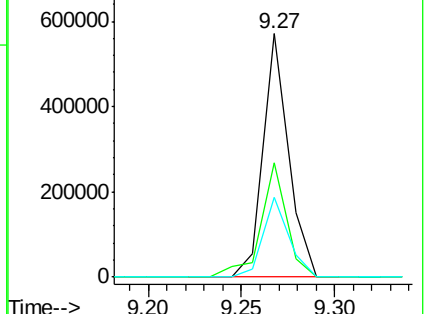
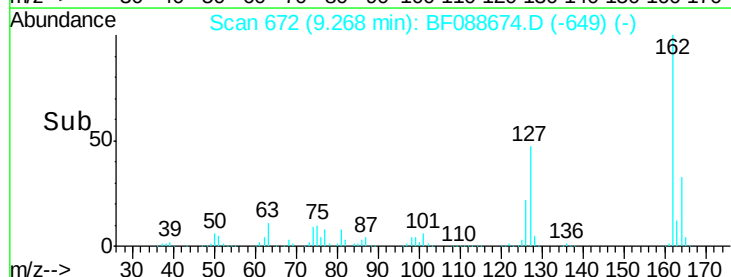
164 32.7 26.6 39.8

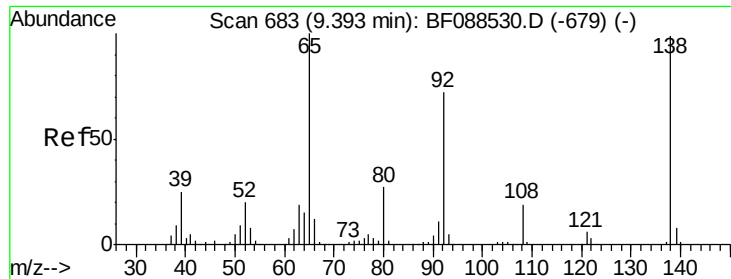


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

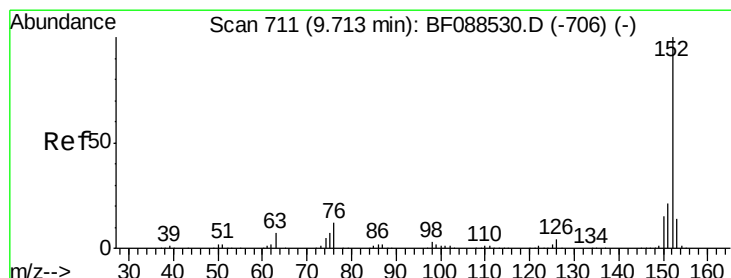
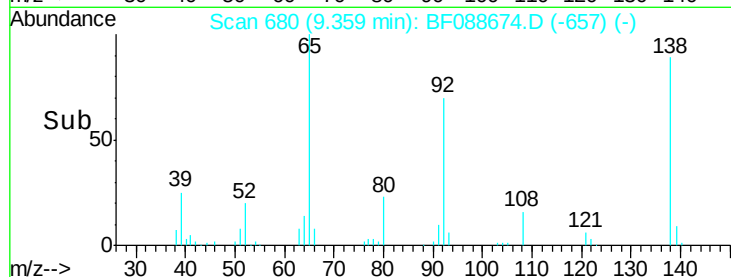
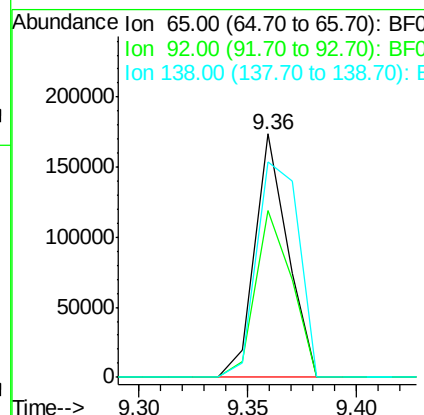
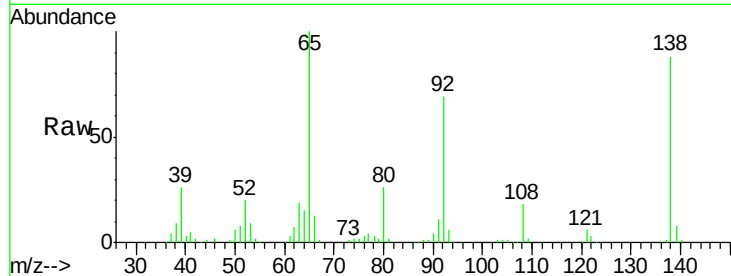




#47
 2-Nitroaniline
 Concen: 37.46 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

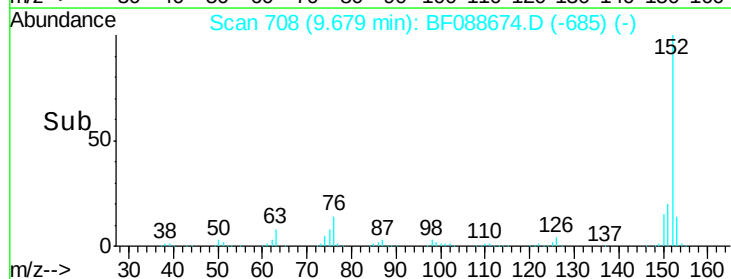
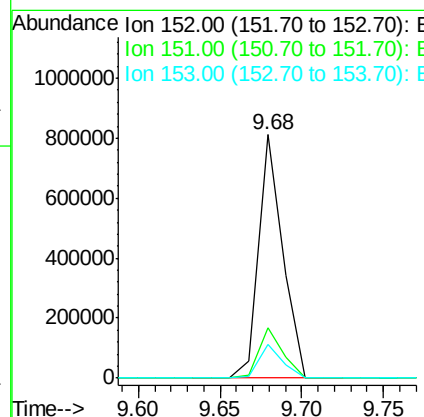
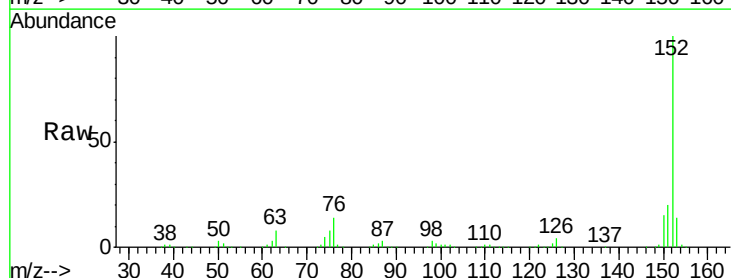
Instrument :
 BNA_F
 ClientSampleId :

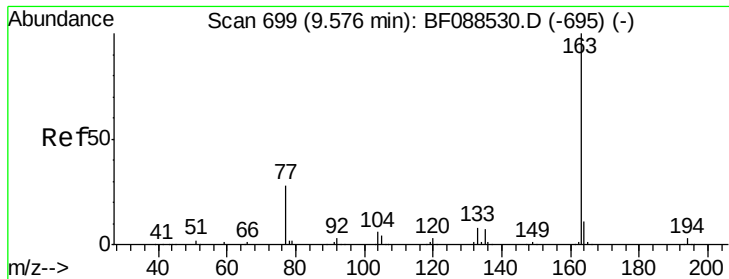
Tot Ion: 65 Resp: 183282
 Ion Ratio Lower Upper
 65 100
 92 68.7 54.6 82.0
 138 88.4 77.0 115.4



#48
 Acenaphthylene
 Concen: 38.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion: 152 Resp: 833552
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.8 11.0 16.6

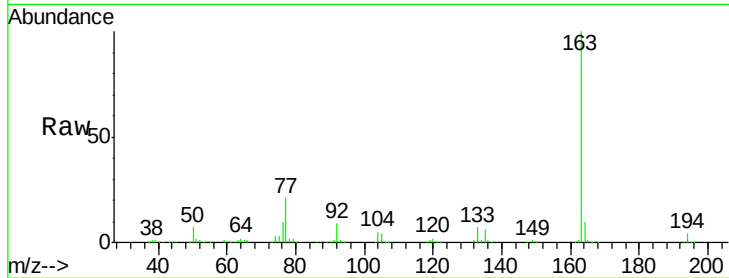




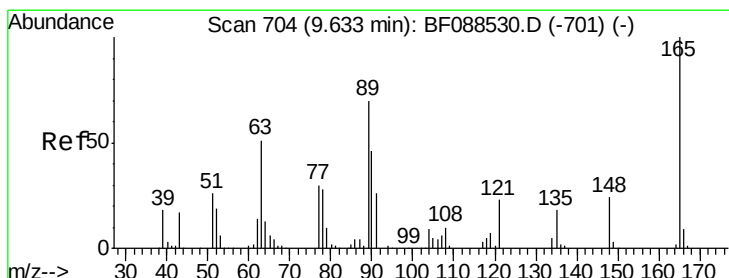
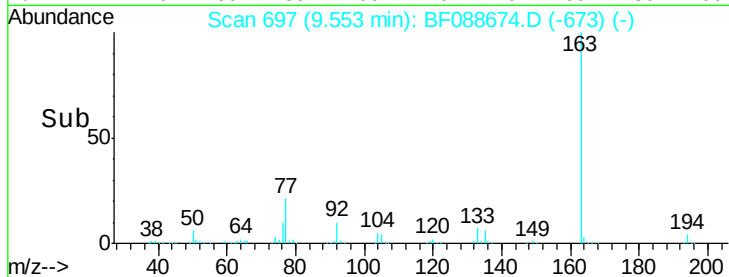
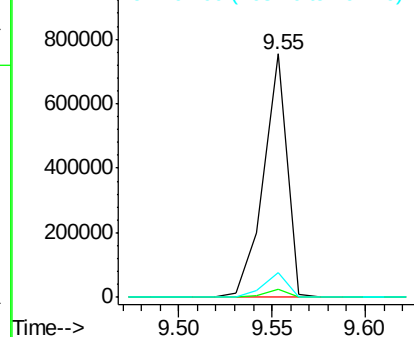
#49
Dimethylphthalate
Concen: 44.40 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 670759
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.1 8.3 12.5

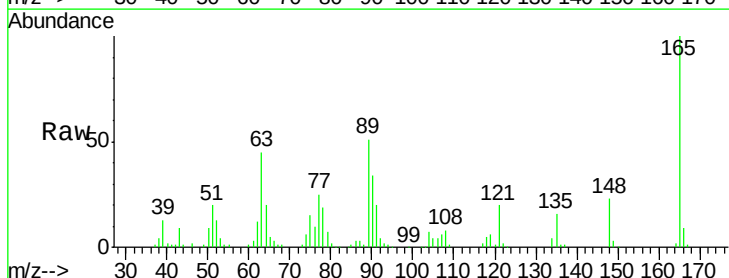


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

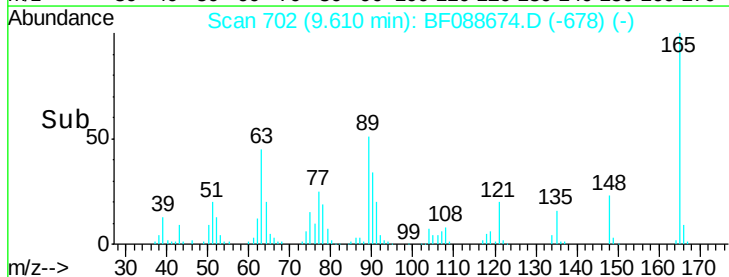
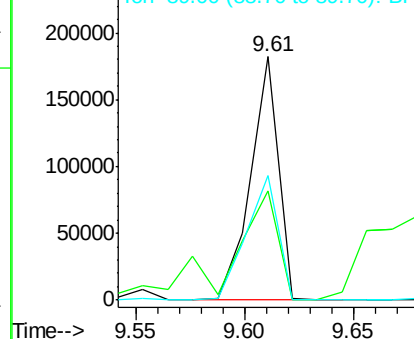


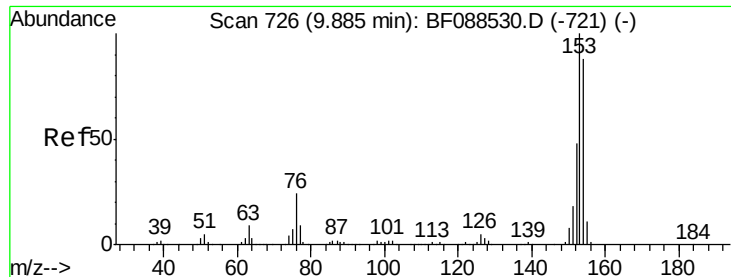
#50
2,6-Dinitrotoluene
Concen: 47.96 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:165 Resp: 160583
Ion Ratio Lower Upper
165 100
63 44.6 28.1 42.1#
89 51.1 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: 40.61 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

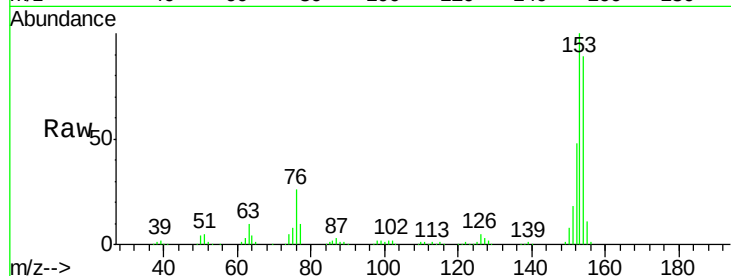
Tot Ion:154 Resp: 545936

Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

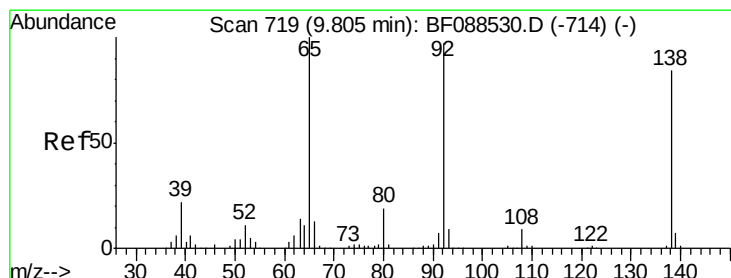
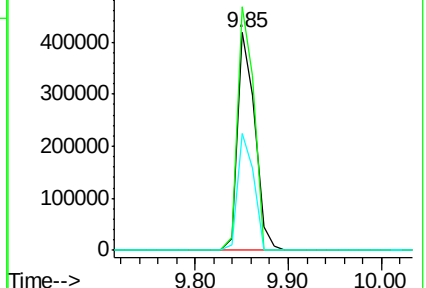
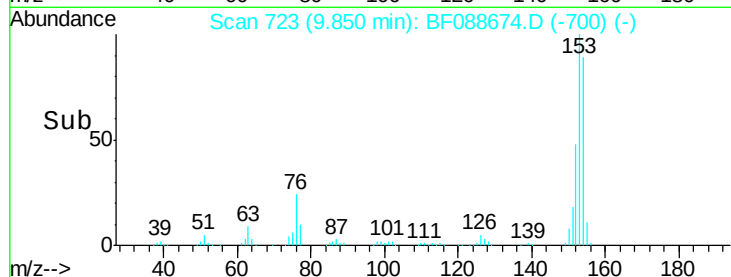
152 53.7 42.7 64.1



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: 37.64 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

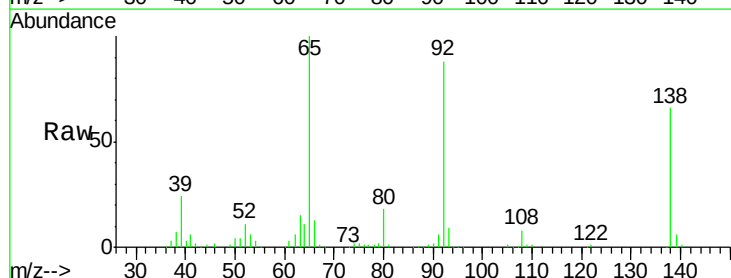
Tgt Ion:138 Resp: 160228

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

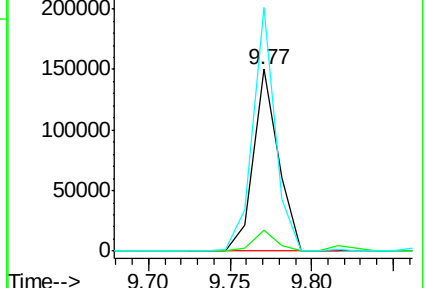
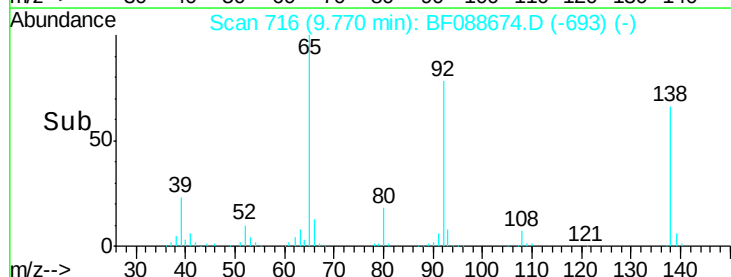
92 133.9 95.7 143.5

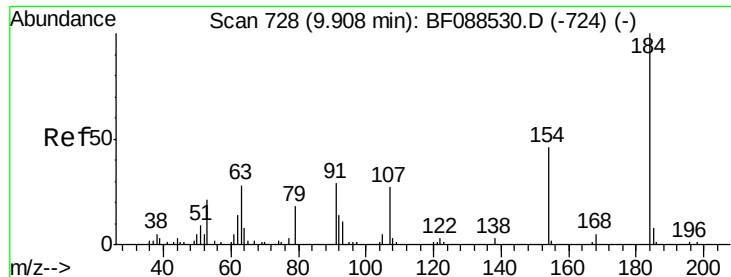


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

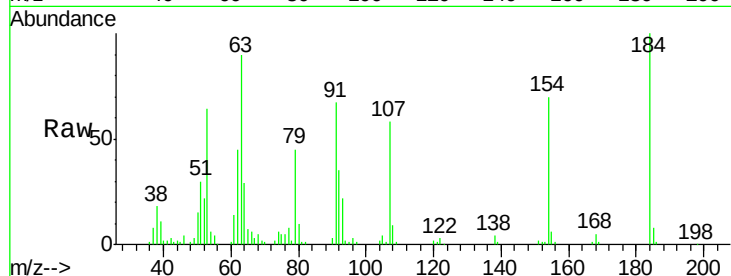




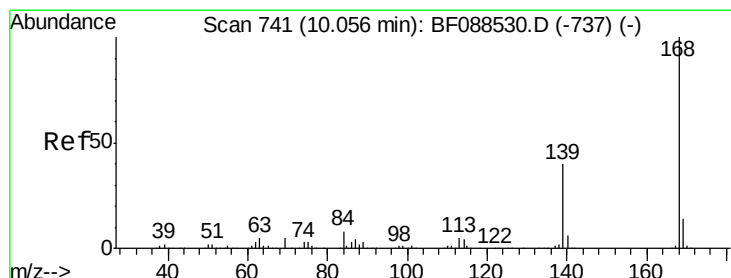
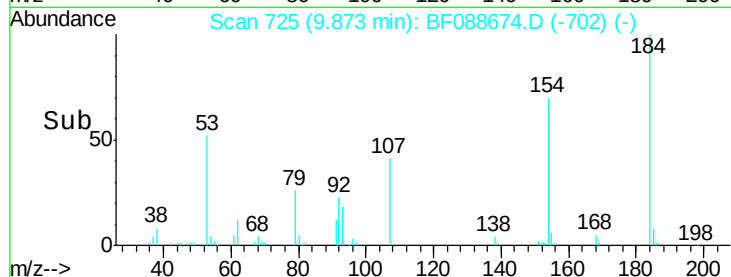
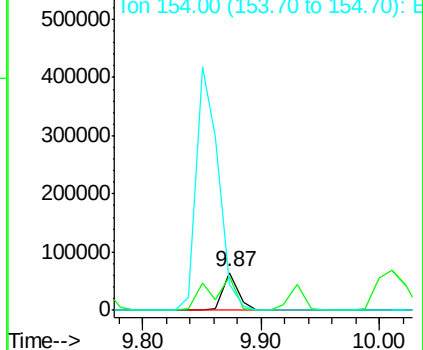
#53
2,4-Dinitrophenol
Concen: 39.31 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 58123
Ion Ratio Lower Upper
184 100
63 90.4 57.6 86.4#
154 70.0 53.5 80.3

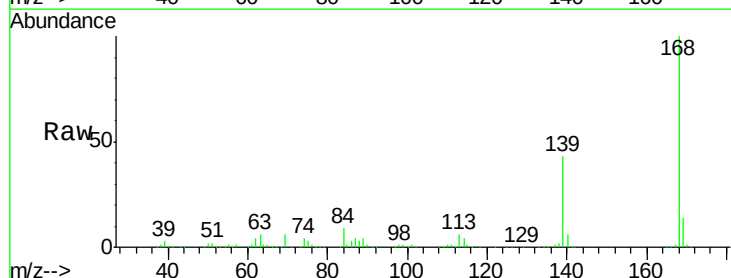


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

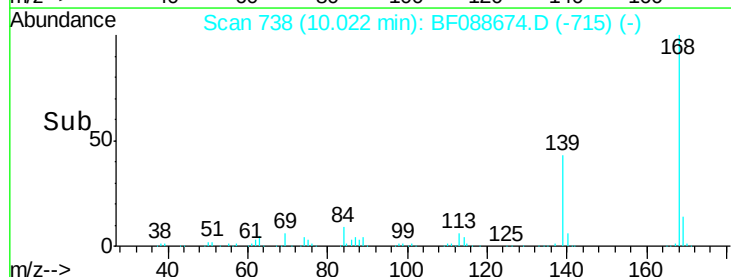
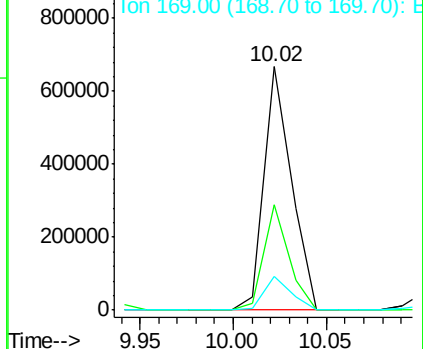


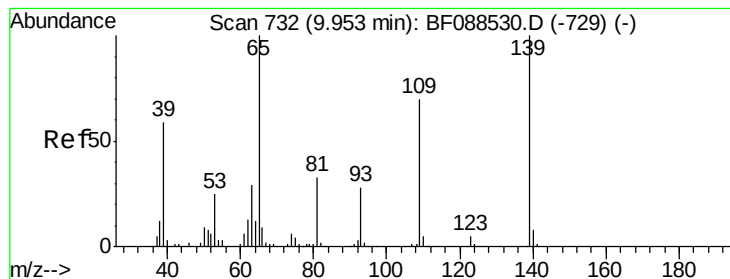
#54
Dibenzofuran
Concen: 38.18 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:168 Resp: 671860
Ion Ratio Lower Upper
168 100
139 43.4 26.4 39.6#
169 14.0 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: 37.31 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampled :

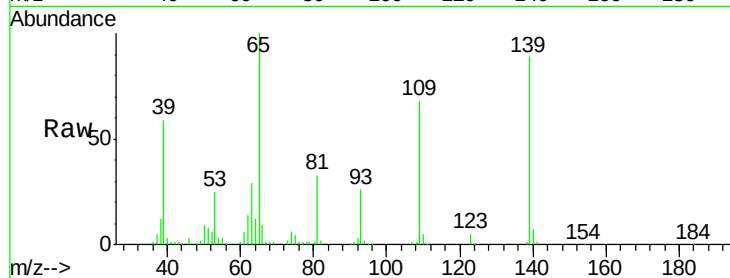
Tot Ion:139 Resp: 120691

Ion Ratio Lower Upper

139 100

109 75.9 48.9 88.9

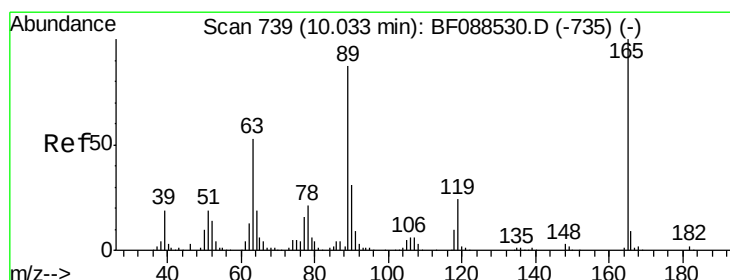
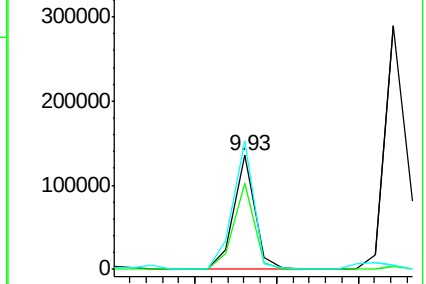
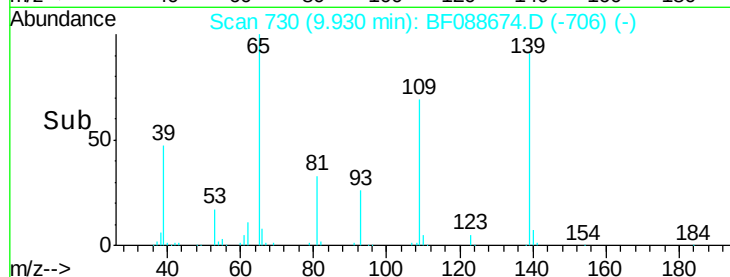
65 112.4 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.06 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Tgt Ion:165 Resp: 214768

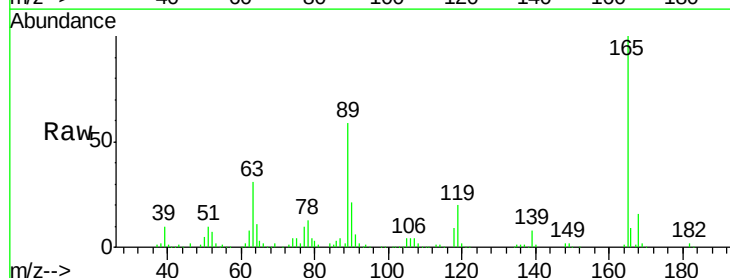
Ion Ratio Lower Upper

165 100

63 31.2 22.0 33.0

89 59.0 41.1 61.7

182 2.4 2.0 3.0

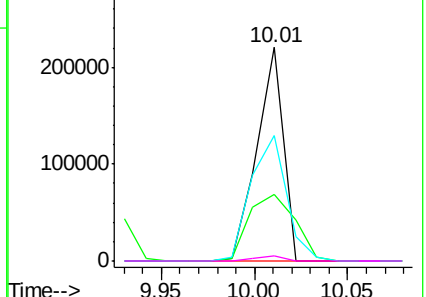
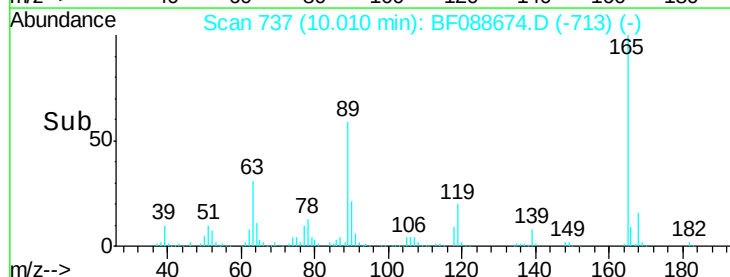


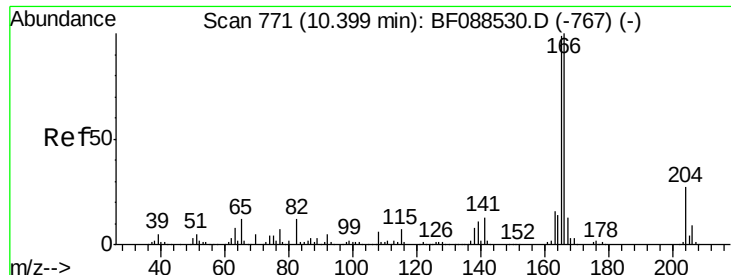
Abundance Ion 165.00 (164.70 to 165.70): E

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

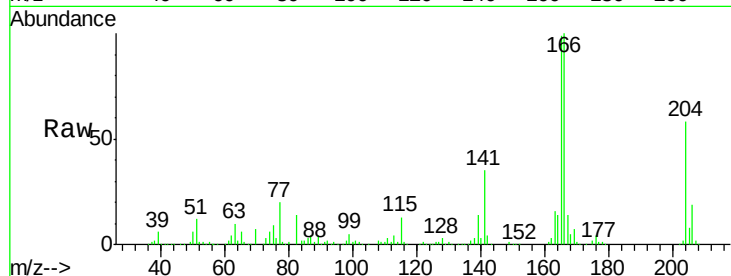




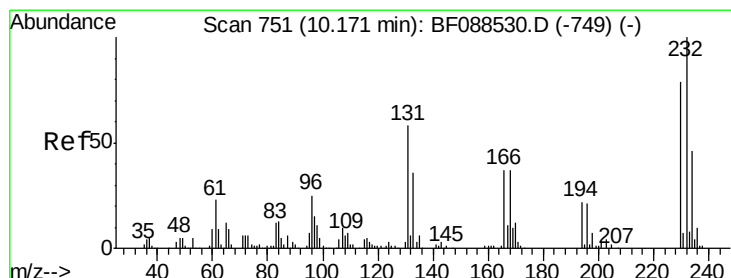
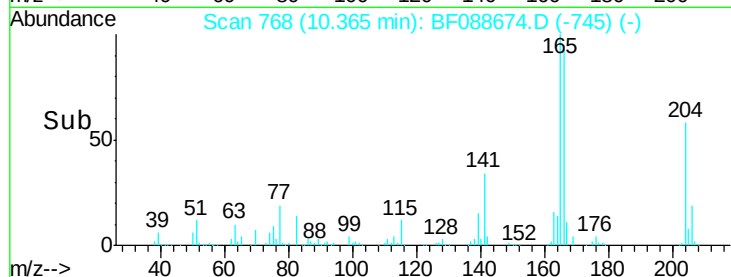
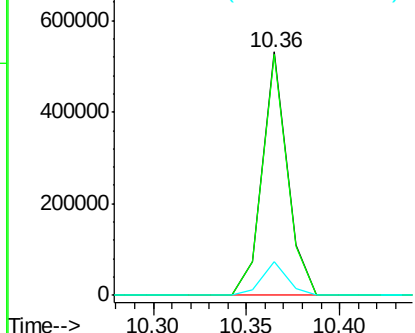
#57
 Fluorene
 Concen: 36.36 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 493070
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.8 116.8
 167 14.1 11.2 16.8

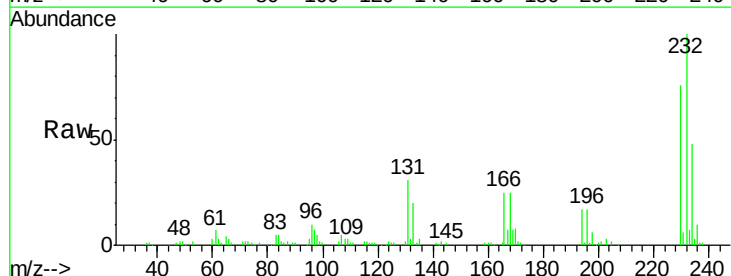


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

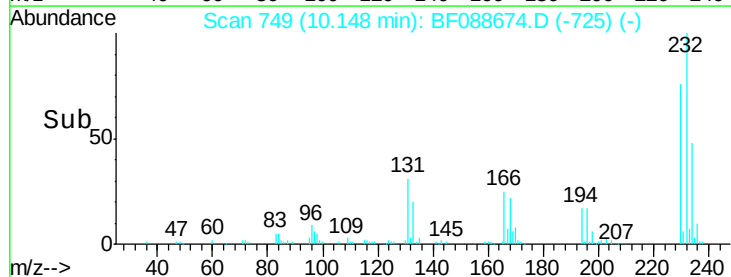
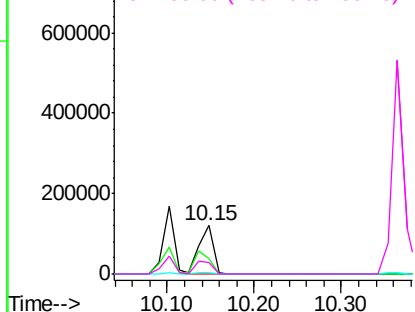


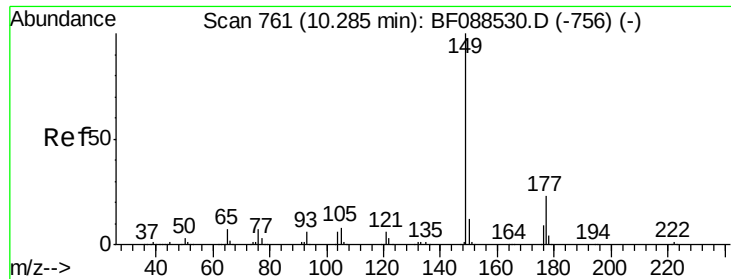
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.28 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:232 Resp: 137079
 Ion Ratio Lower Upper
 232 100
 131 49.5 0.9 1.3#
 130 2.4 1.5 2.3#
 166 32.2 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

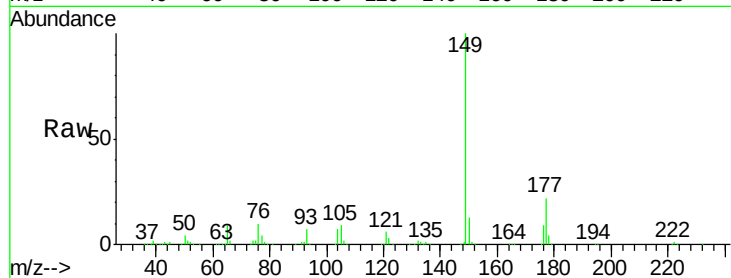




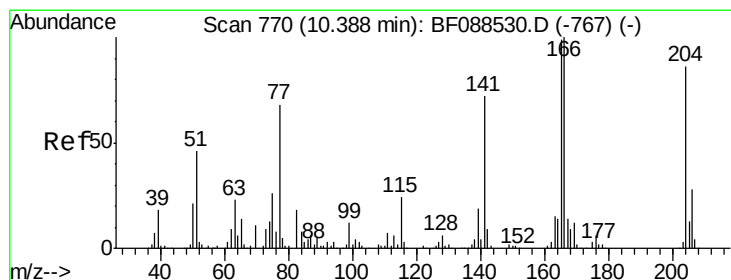
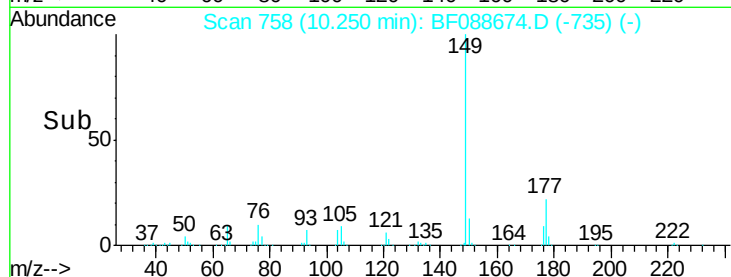
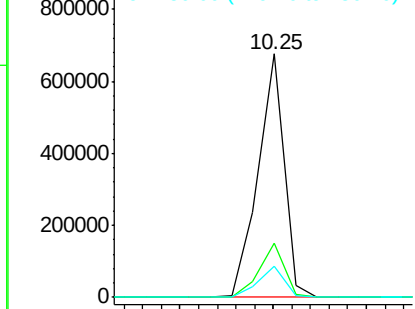
#59
Diethylphthalate
Concen: 43.05 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 652791
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.6 10.1 15.1

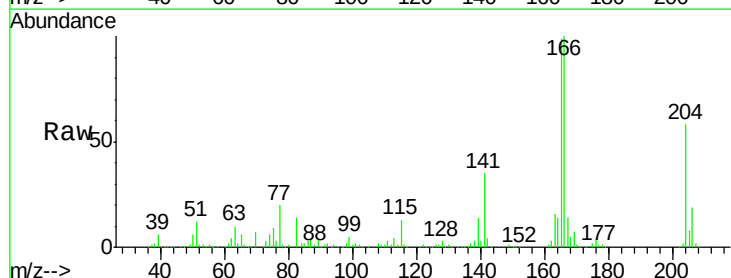


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

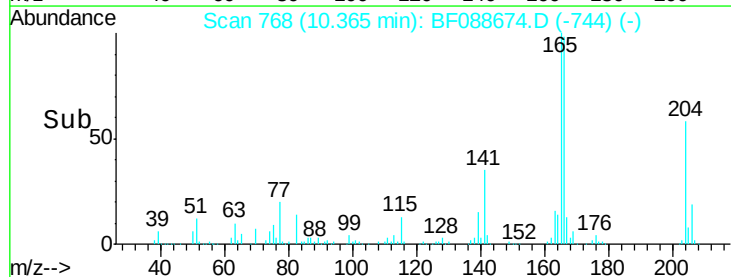
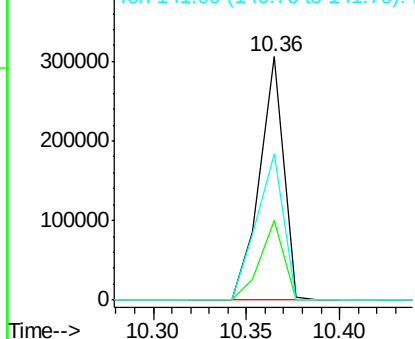


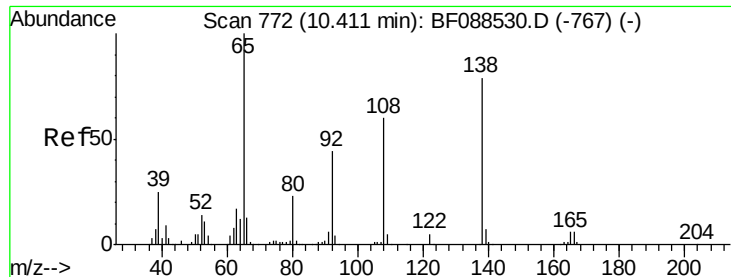
#60
4-Chlorophenyl-phenylether
Concen: 42.98 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:204 Resp: 270842
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 60.0 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

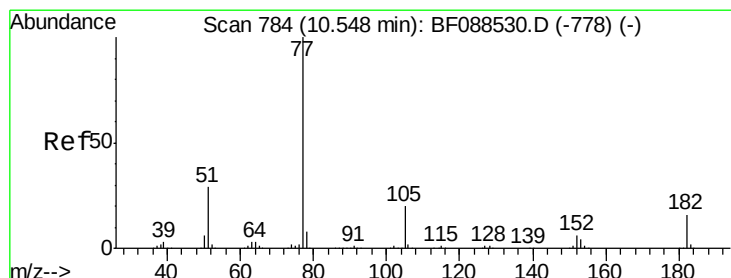
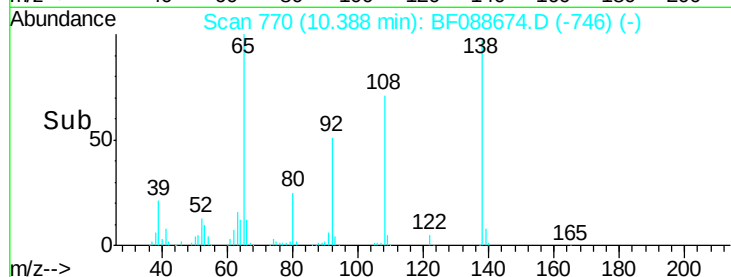
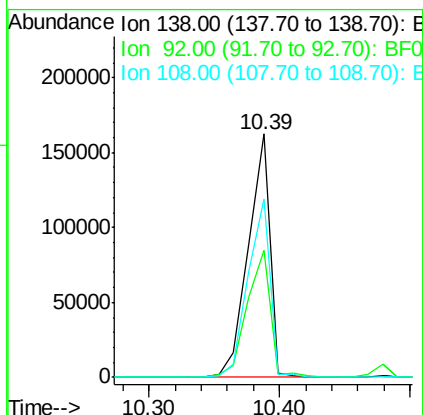
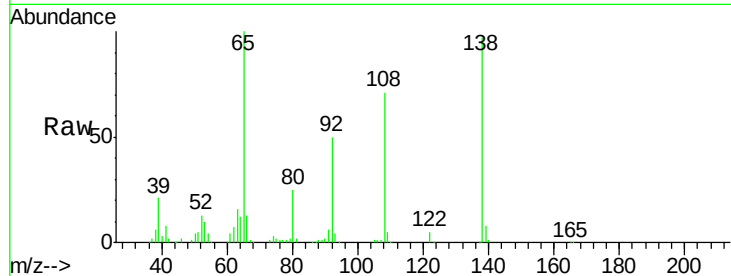




#61
4-Nitroaniline
Concen: 45.92 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

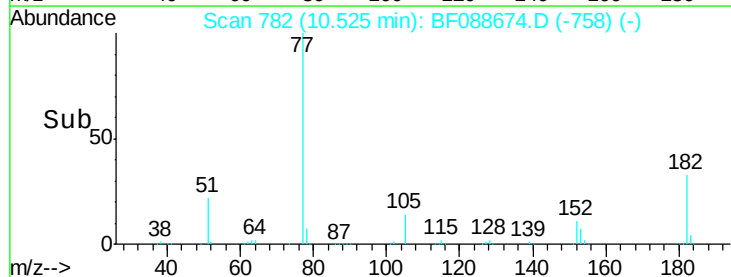
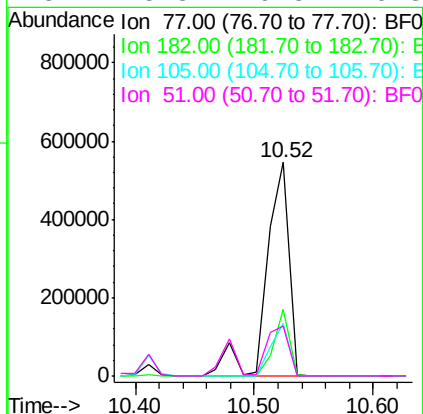
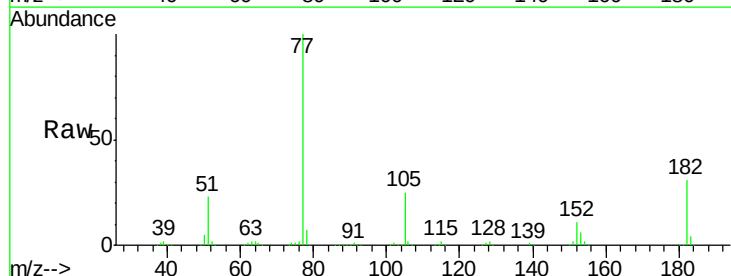
Instrument :
BNA_F
ClientSampleId :

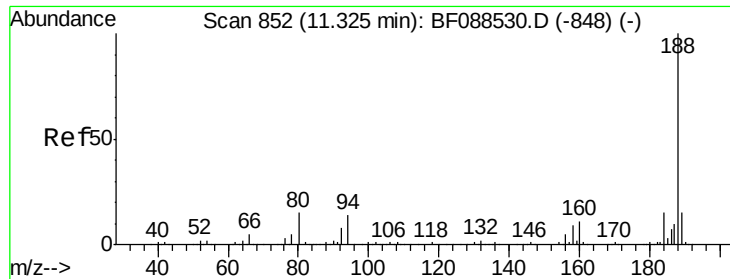
Tot Ion:138 Resp: 188091
Ion Ratio Lower Upper
138 100
92 52.1 27.3 67.3
108 73.4 46.7 86.7



#62
Azobenzene
Concen: 41.48 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion: 77 Resp: 717415
Ion Ratio Lower Upper
77 100
182 31.1 4.4 44.4
105 24.6 3.8 43.8
51 23.3 9.3 49.3

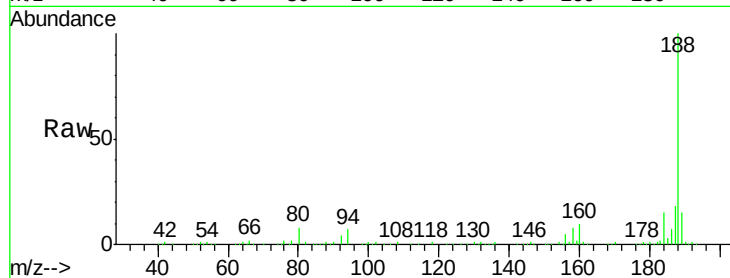




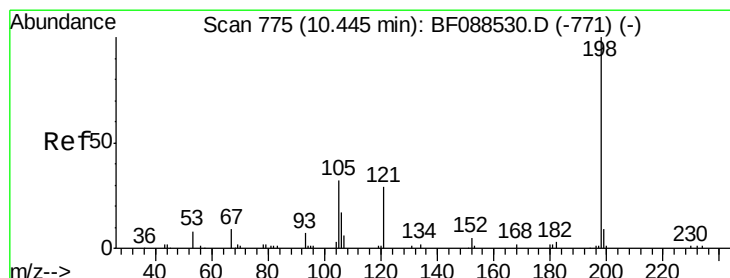
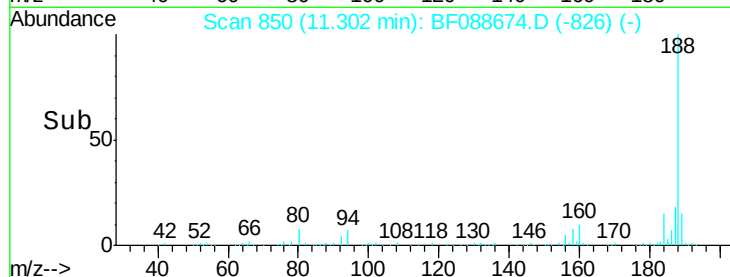
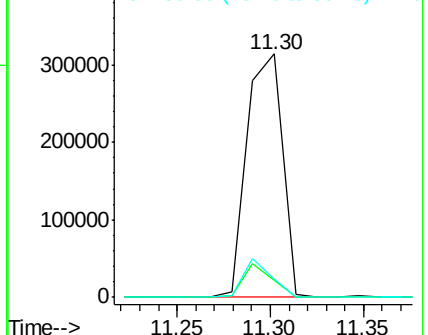
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 415417
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.6 10.0 15.0#

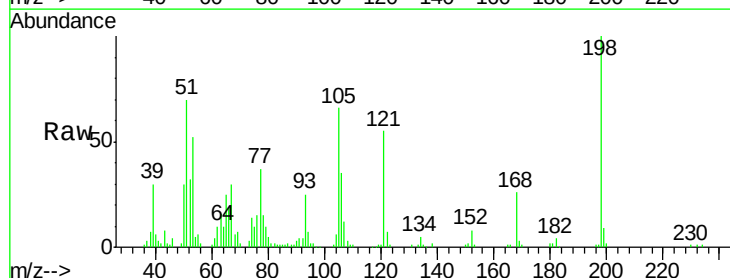


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

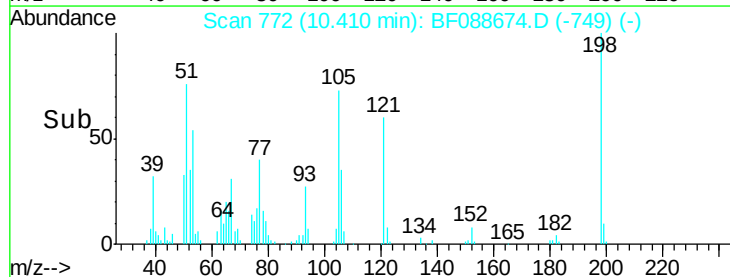
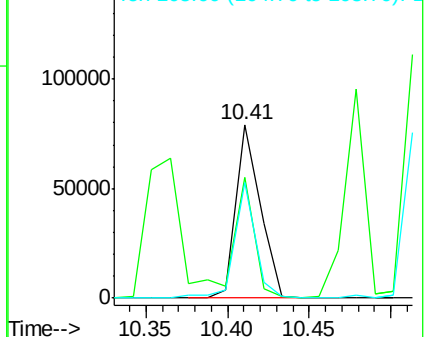


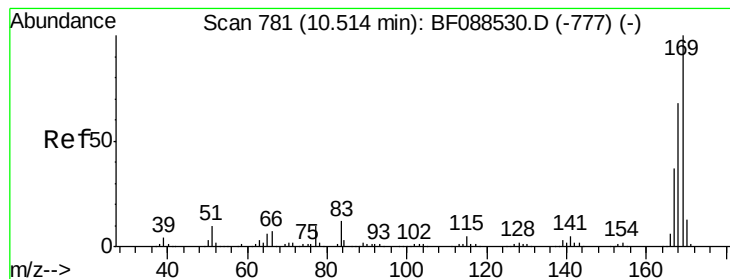
#64
4,6-Dinitro-2-methylphenol
Concen: 36.59 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:198 Resp: 81293
Ion Ratio Lower Upper
198 100
51 69.7 39.6 79.6
105 66.5 36.6 76.6



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

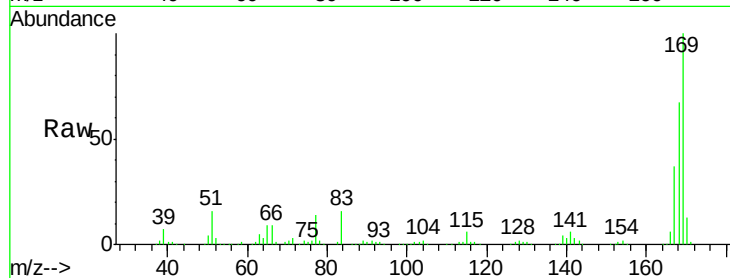




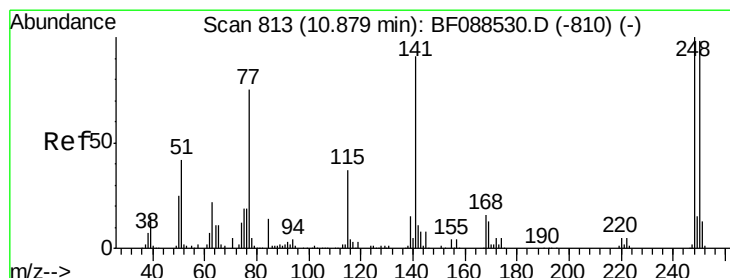
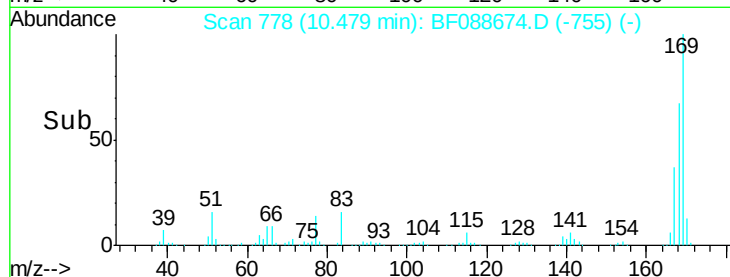
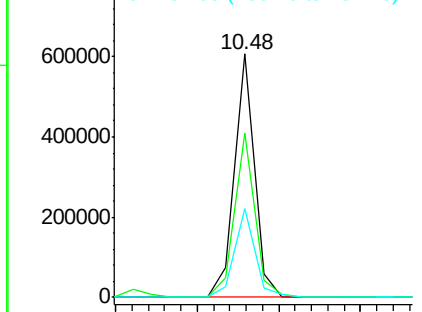
#65
 n-Nitrosodiphenylamine
 Concen: 36.34 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 510961
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.5 29.4 44.0

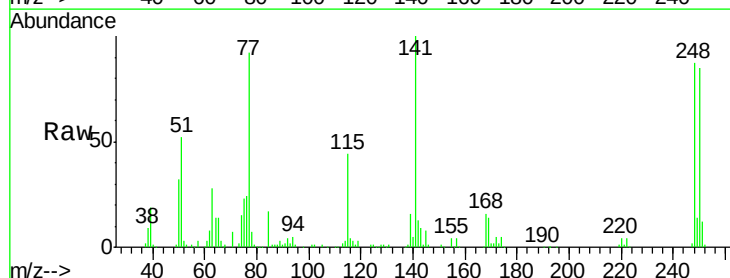


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

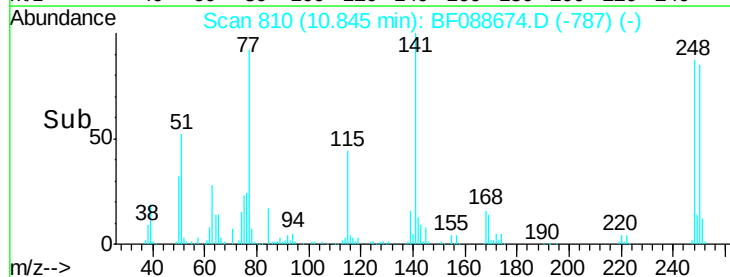
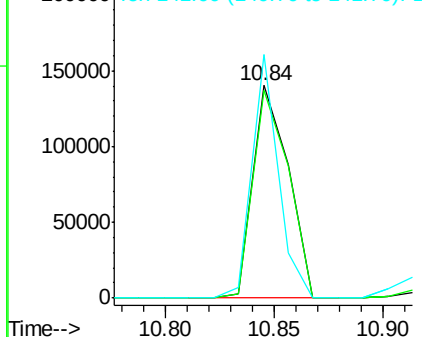


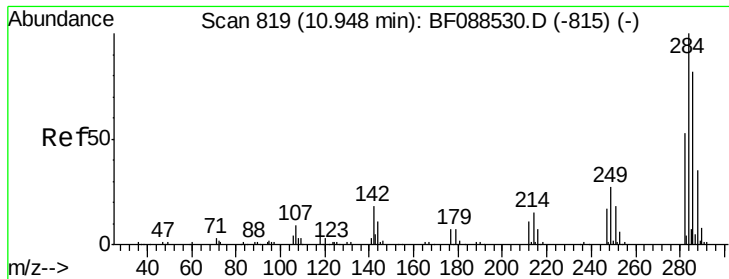
#66
 4-Bromophenyl-phenylether
 Concen: 37.85 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:248 Resp: 158469
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 114.5 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: 40.40 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

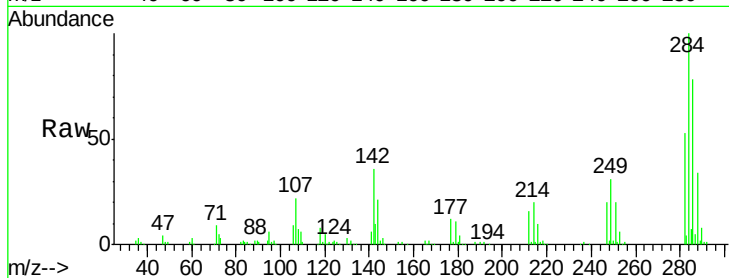
Tot Ion:284 Resp: 187225

Ion Ratio Lower Upper

284 100

142 35.5 35.8 53.8#

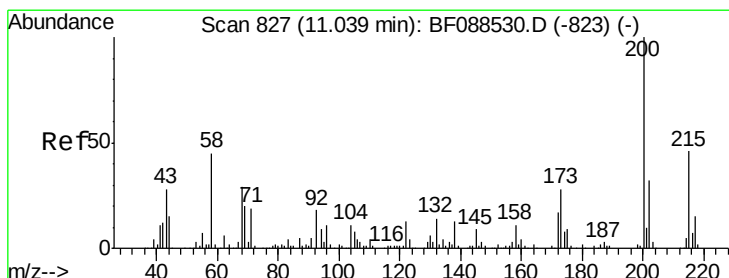
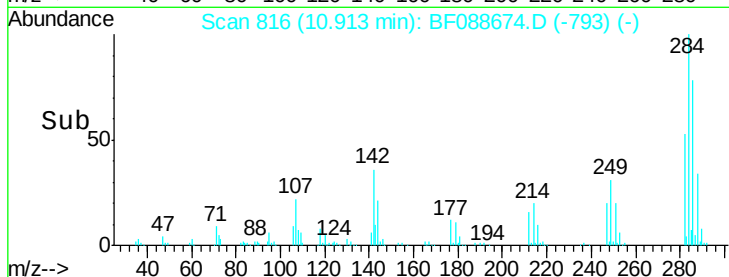
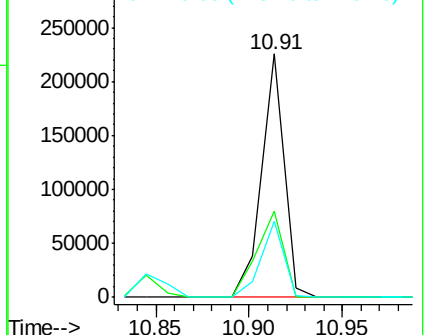
249 31.1 25.8 38.6



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: 35.14 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

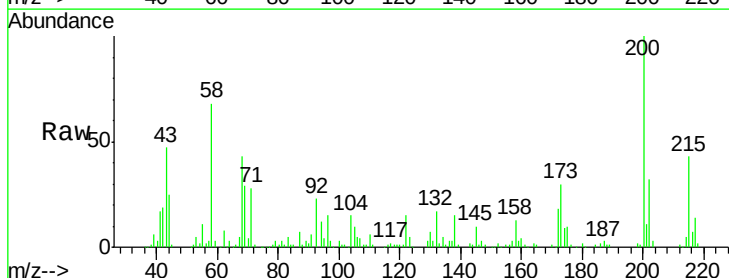
Tgt Ion:200 Resp: 153957

Ion Ratio Lower Upper

200 100

173 30.1 4.0 44.0

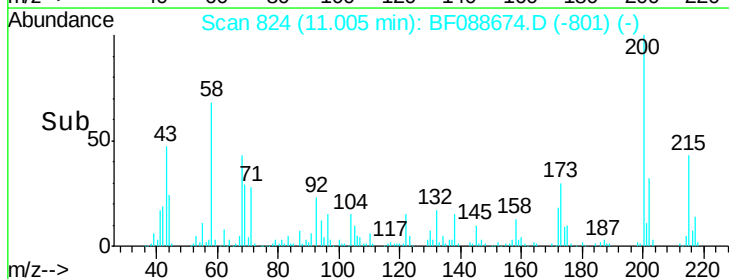
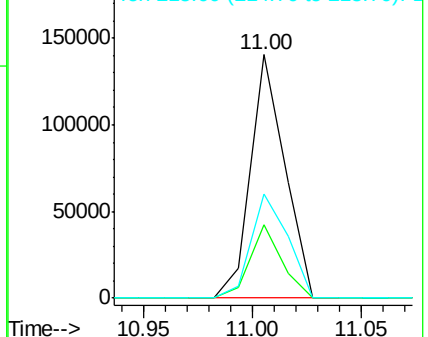
215 42.8 29.3 69.3

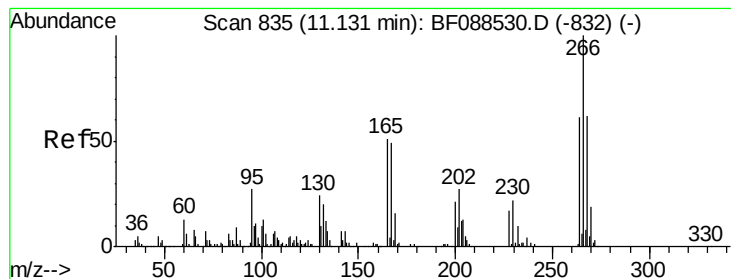


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 41.78 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampled :

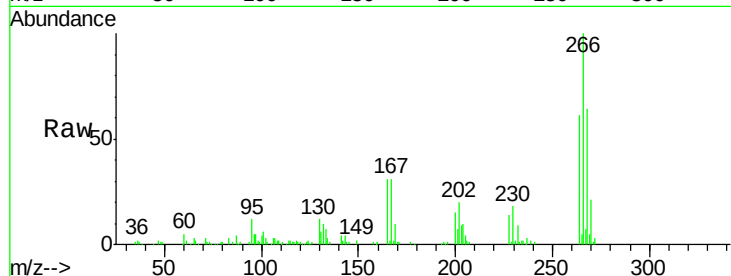
Tot Ion:266 Resp: 114582

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

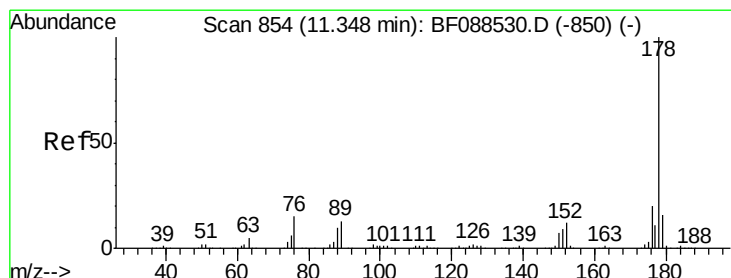
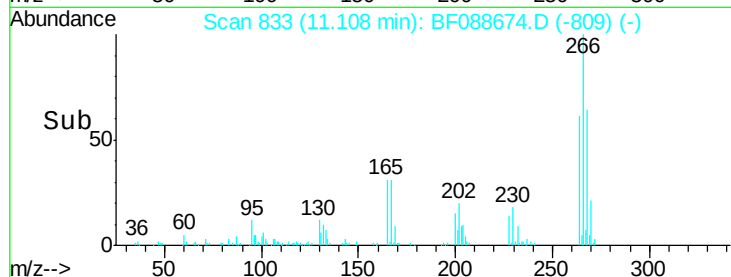
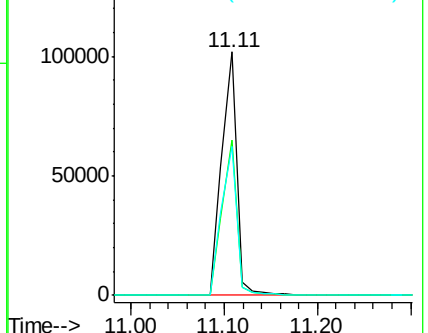
264 61.2 49.6 74.4



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: 40.46 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

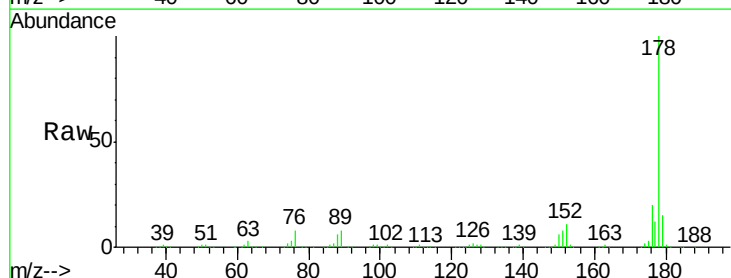
Tgt Ion:178 Resp: 918721

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

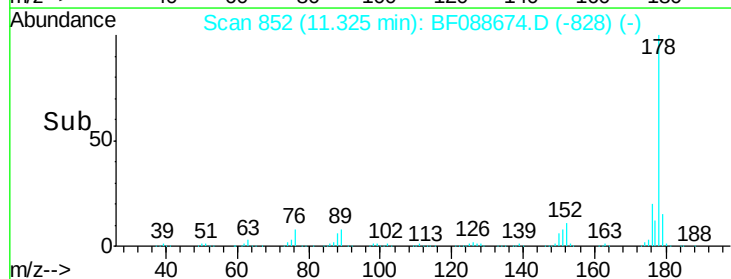
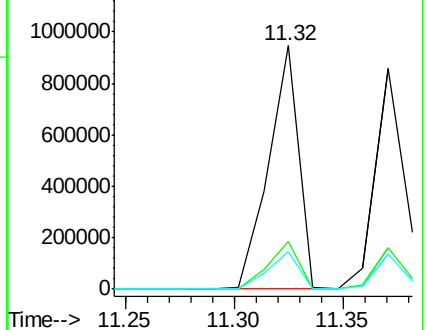
179 15.5 13.0 19.4

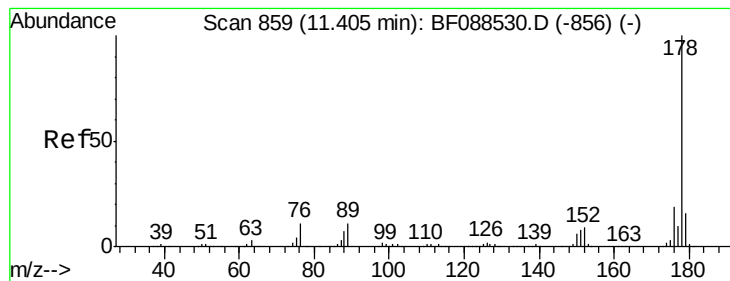


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.33 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

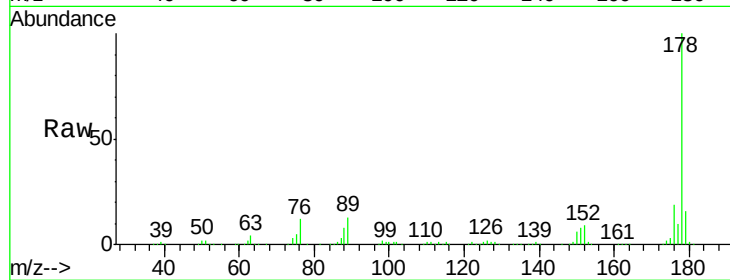
Tot Ion:178 Resp: 797833

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

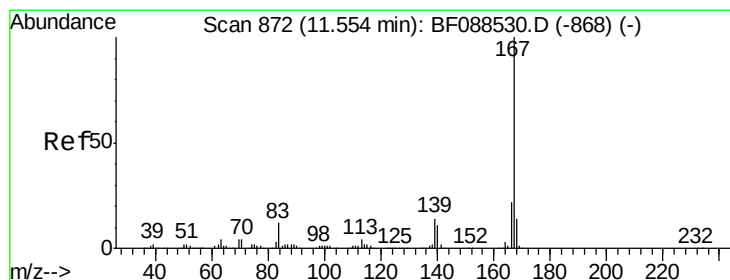
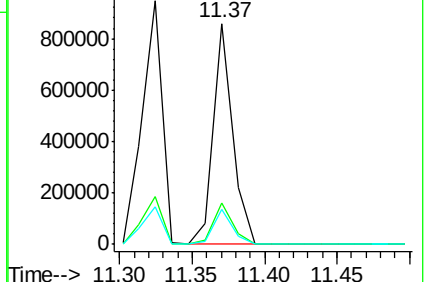
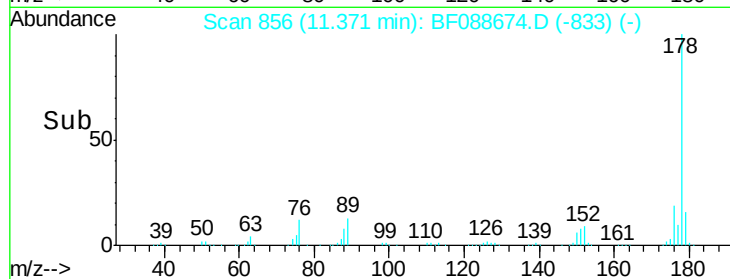
179 16.0 12.8 19.2



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: 40.71 ng

RT: 11.53 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

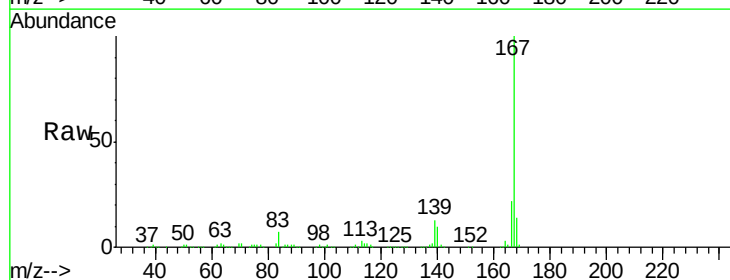
Tgt Ion:167 Resp: 865061

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

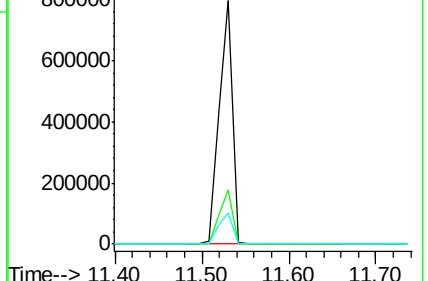
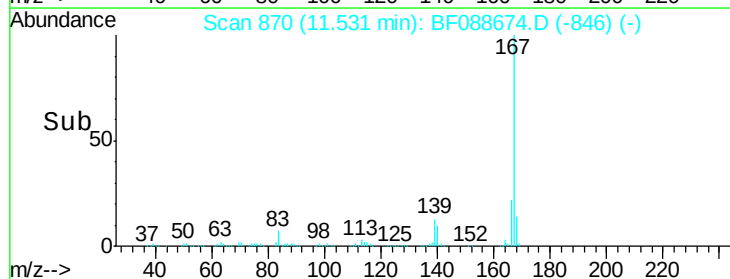
139 12.8 11.2 16.8

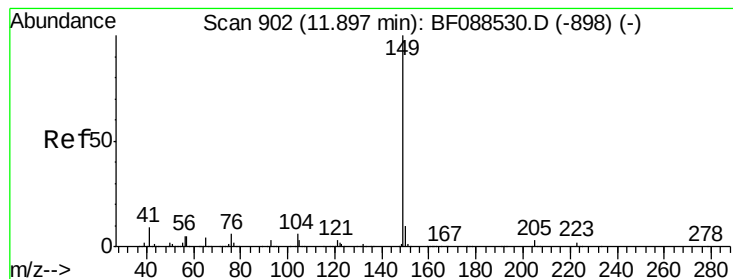


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 11.86 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

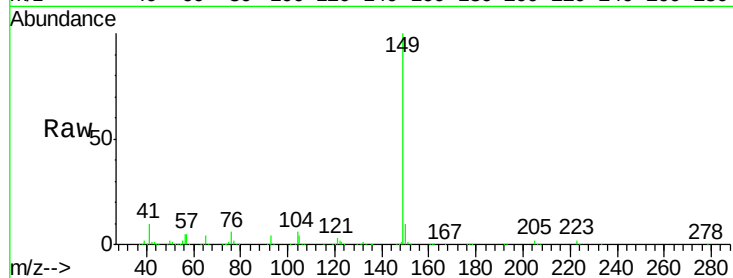
Tot Ion:149 Resp: 955859

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

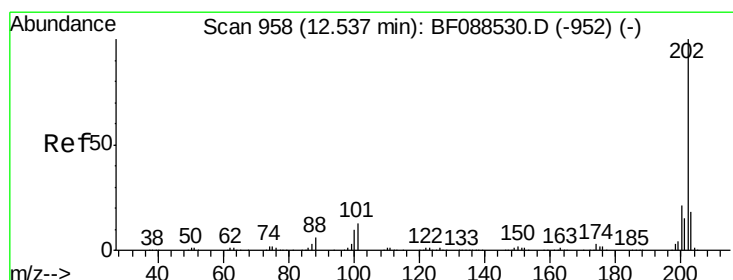
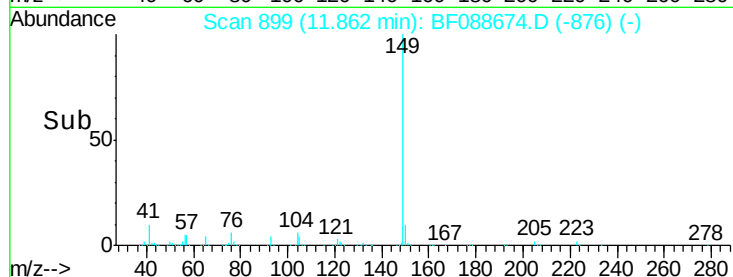
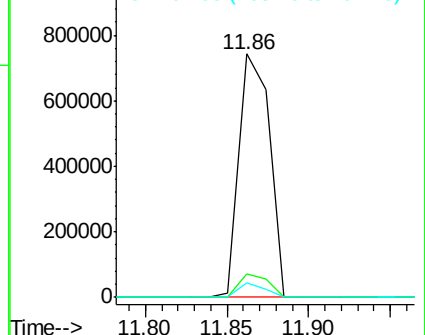
104 6.1 4.0 6.0#



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: 36.76 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

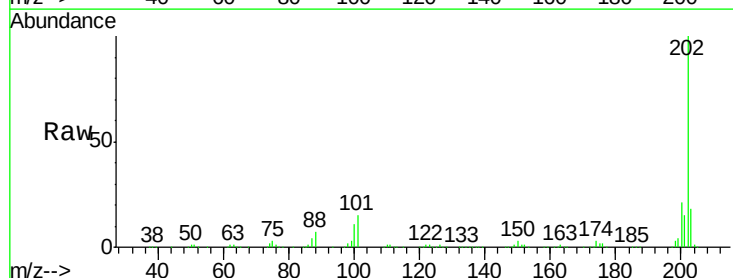
Tgt Ion:202 Resp: 846224

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.1

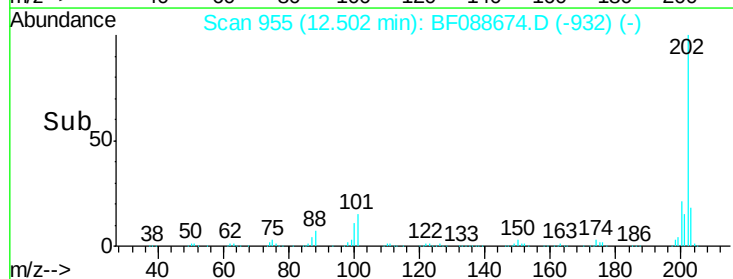
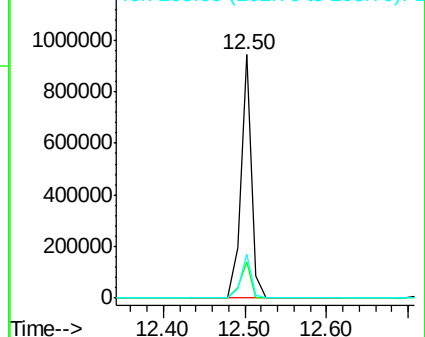
203 18.0 0.0 38.1

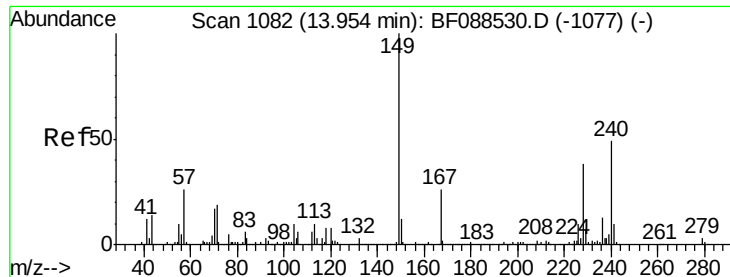


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

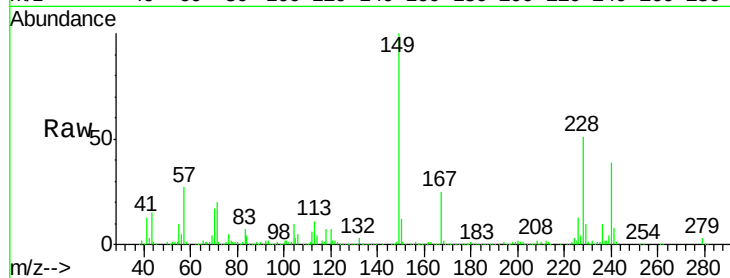
Tot Ion:240 Resp: 247778

Ion Ratio Lower Upper

240 100

120 17.7 6.8 10.2#

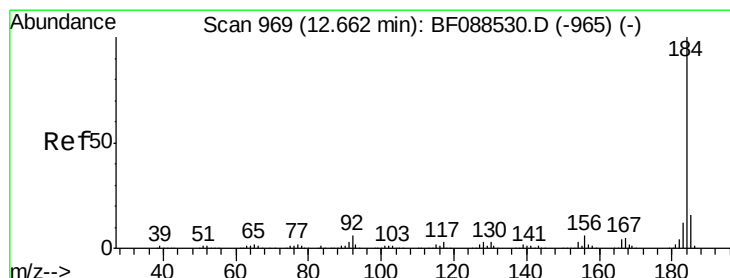
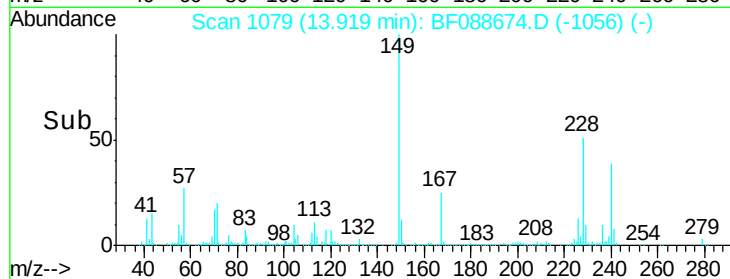
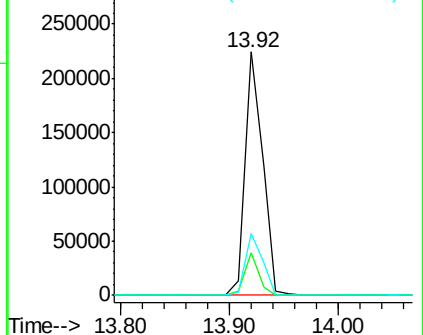
236 25.6 20.2 30.2



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: 40.43 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

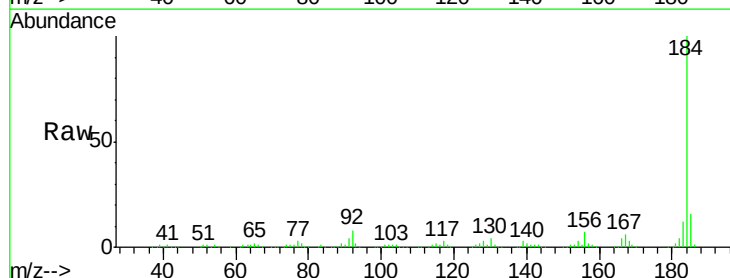
Tgt Ion:184 Resp: 506389

Ion Ratio Lower Upper

184 100

185 15.6 12.5 18.7

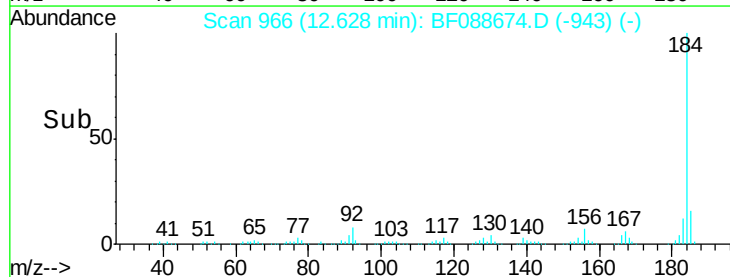
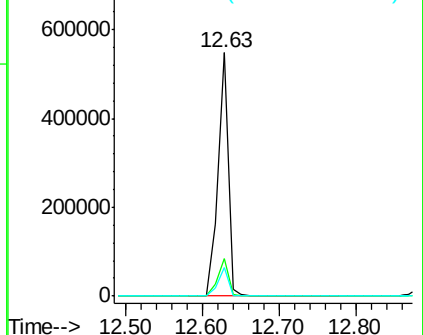
183 11.9 9.3 13.9

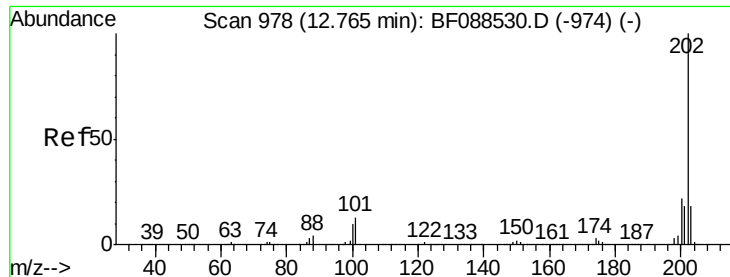


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

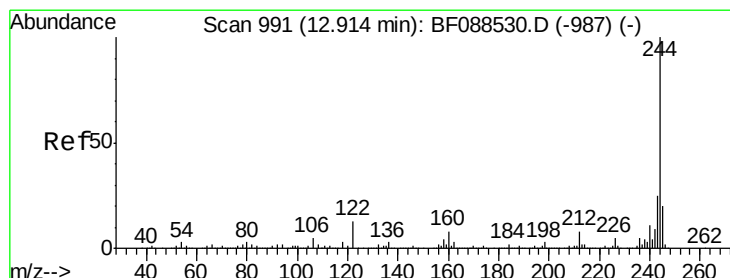
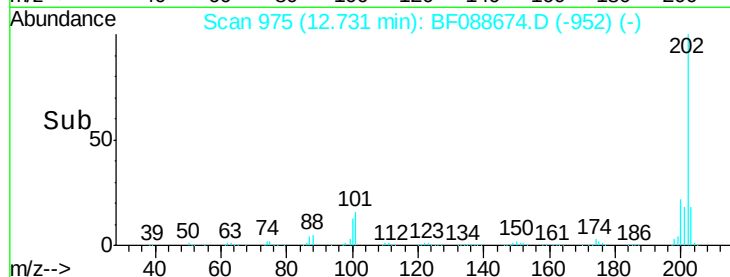
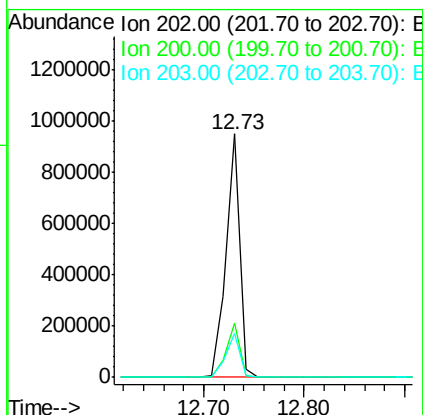
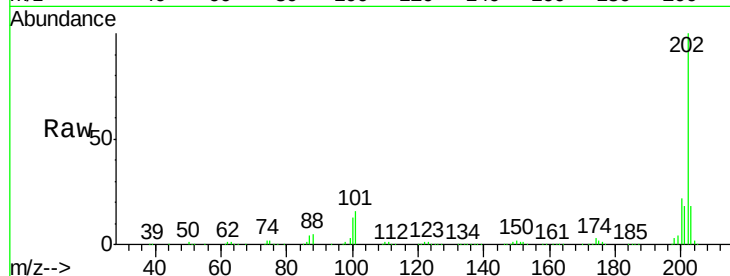




#77
Pvrene
Concen: 42.69 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

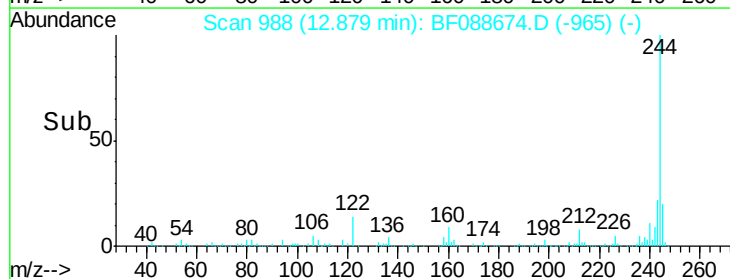
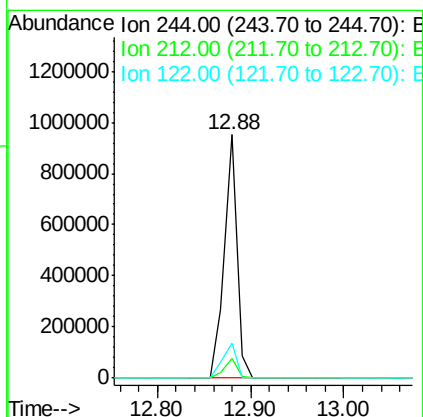
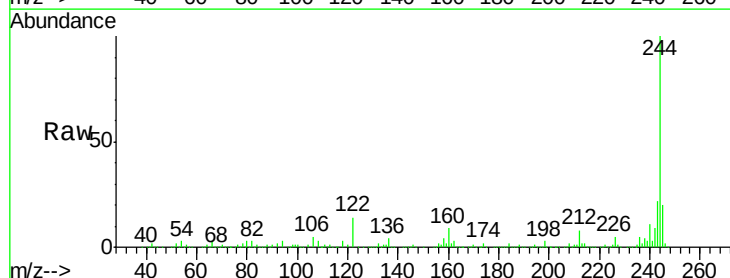
Instrument :
BNA_F
ClientSampleId :

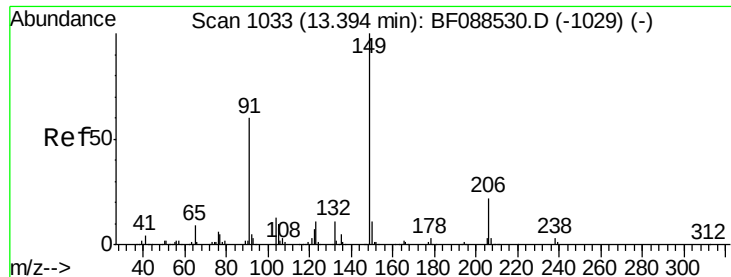
Tot Ion:202 Resp: 896848
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.8 14.5 21.7



#78
Terphenyl-d14
Concen: 80.99 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:244 Resp: 901010
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 14.3 11.2 16.8





#79

Butylbenzylphthalate

Concen: 44.62 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

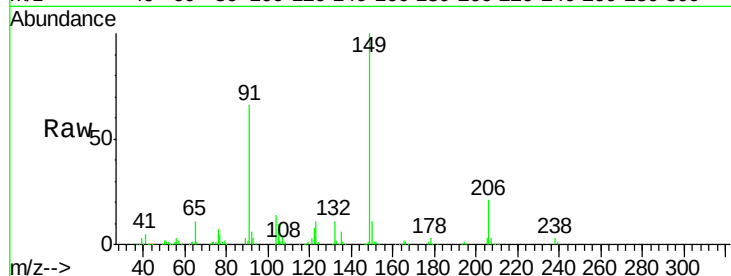
Tot Ion:149 Resp: 418188

Ion Ratio Lower Upper

149 100

91 65.8 48.0 72.0

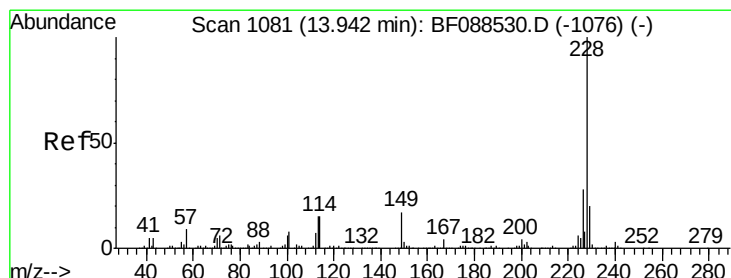
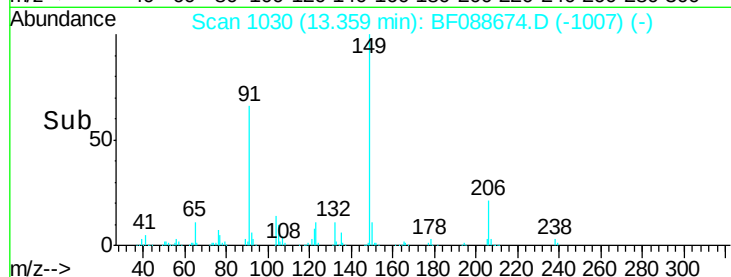
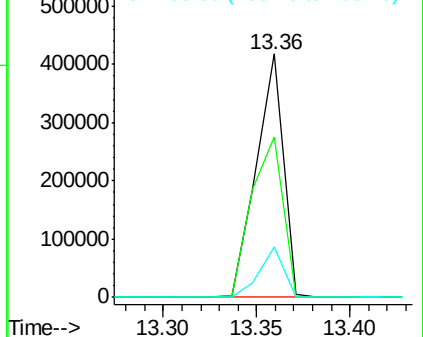
206 20.7 16.0 24.0



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: 39.65 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

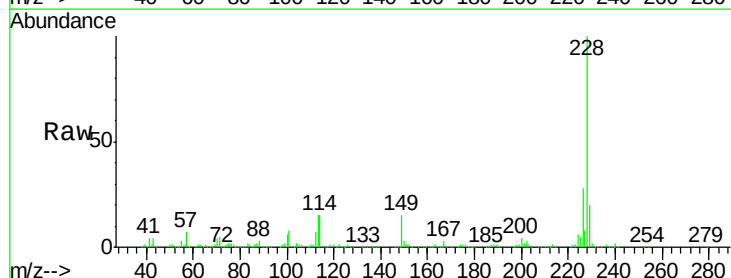
Tgt Ion:228 Resp: 632648

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

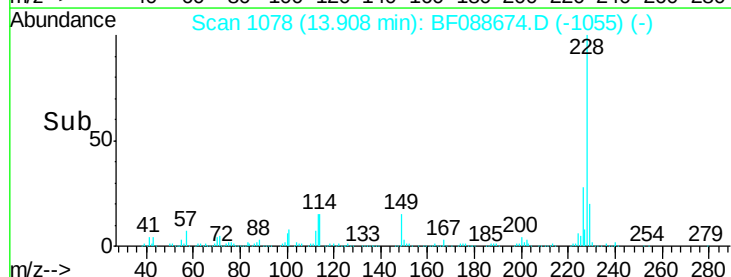
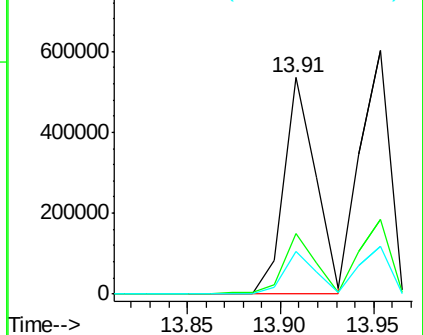
229 19.9 16.0 24.0

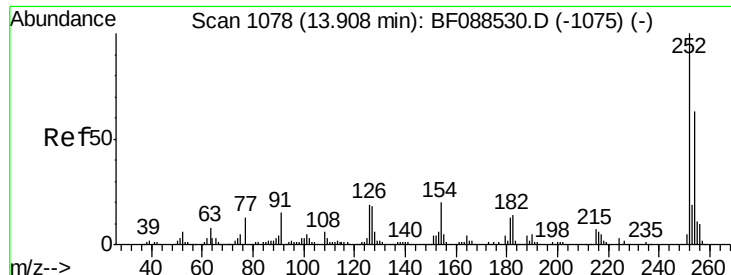


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

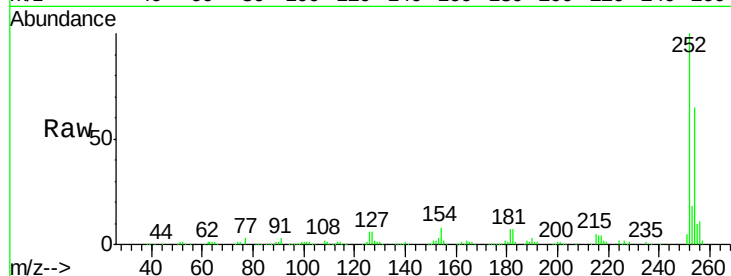




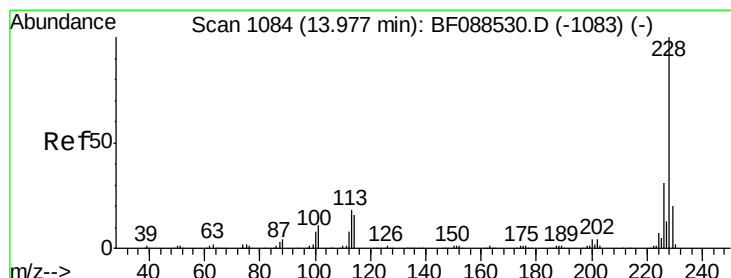
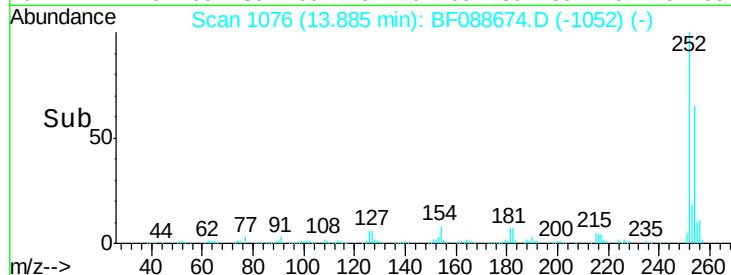
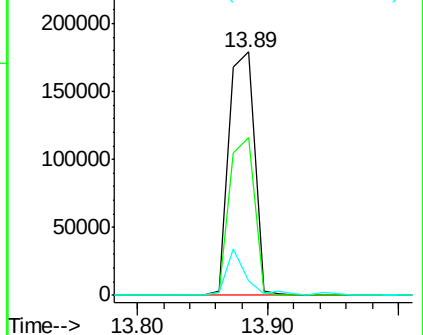
#81
 3,3'-Dichlorobenzidine
 Concen: 40.57 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 243384
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.6 78.8
 126 5.9 6.2 9.2#

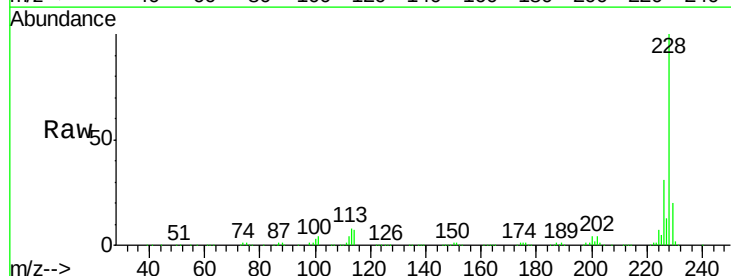


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

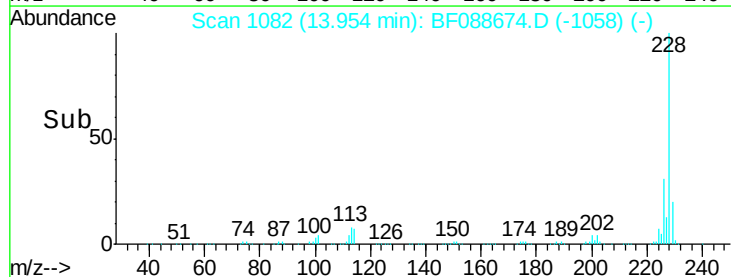
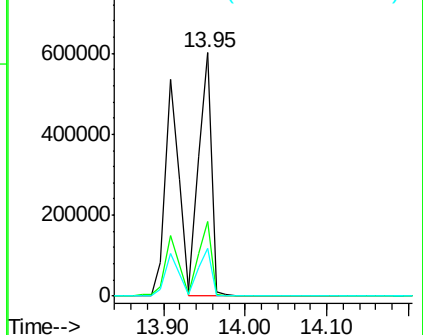


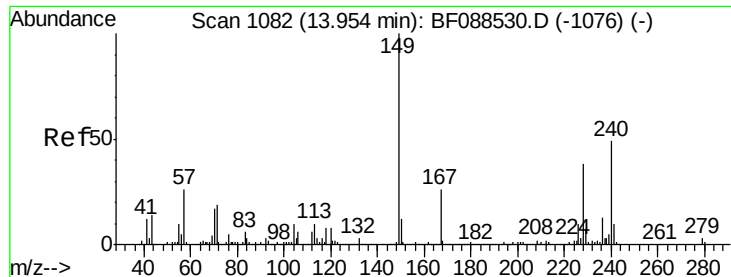
#82
 Chrysene
 Concen: 42.24 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:228 Resp: 666802
 Ion Ratio Lower Upper
 228 100
 226 30.5 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

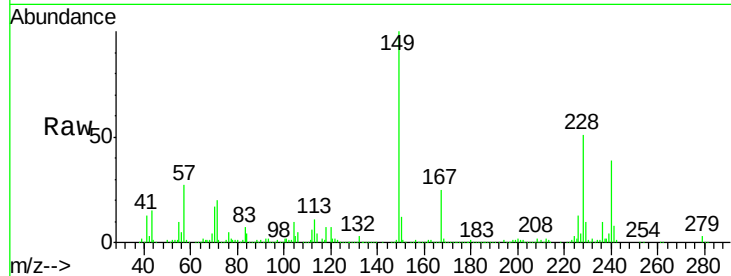




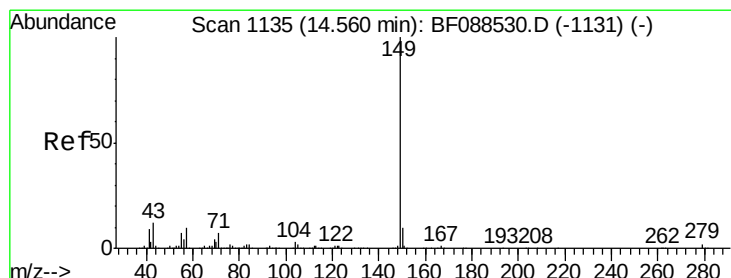
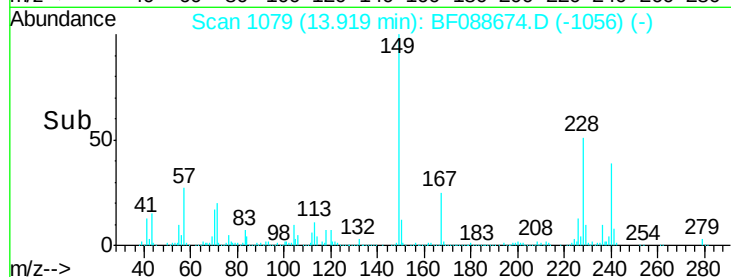
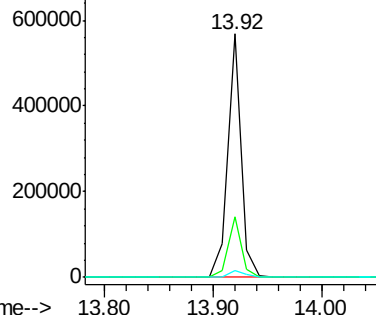
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.08 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 493034
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.5 30.7
 279 2.6 2.0 3.0

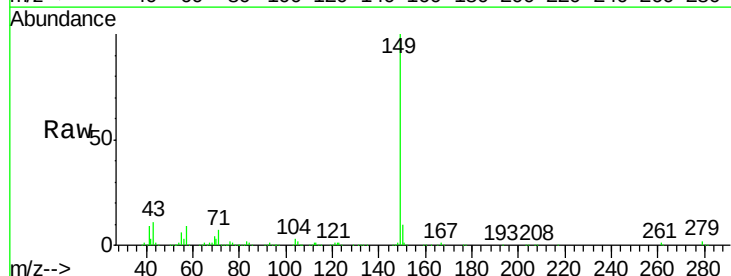


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

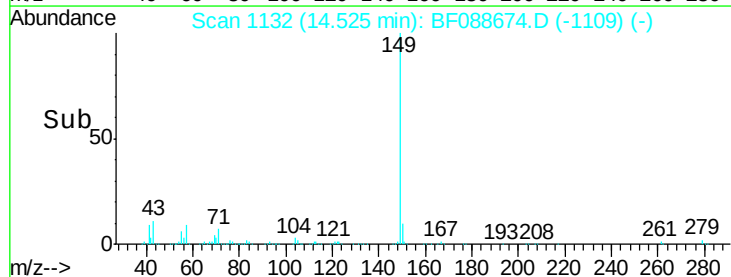
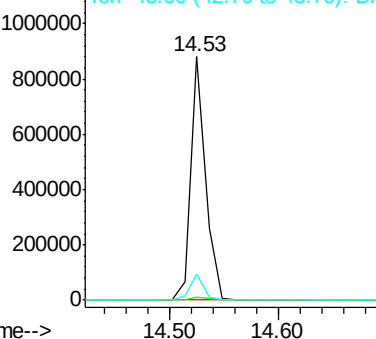


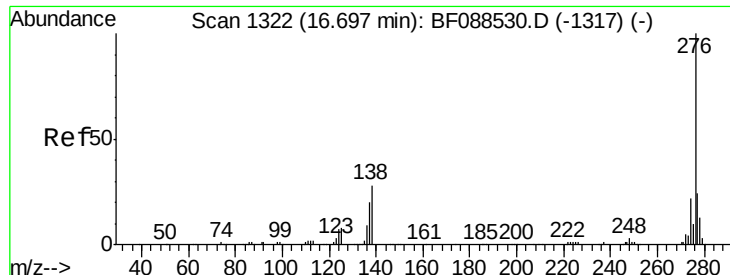
#84
 Di-n-octyl phthalate
 Concen: 45.96 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:149 Resp: 835423
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.8 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

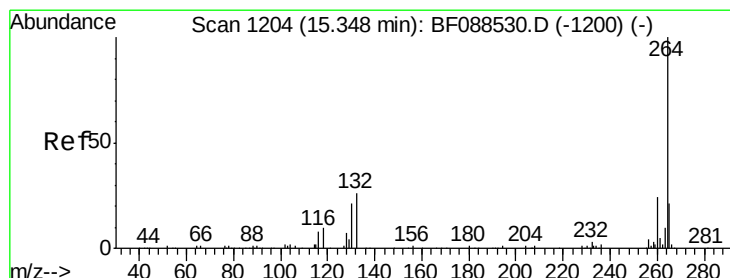
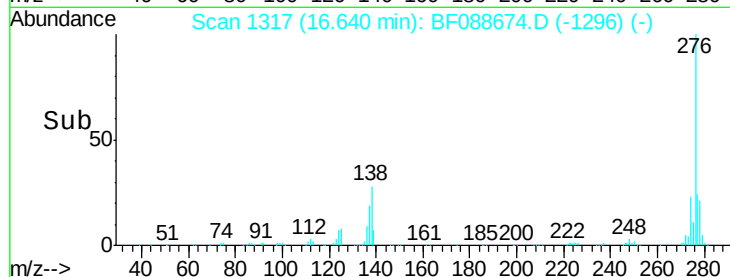
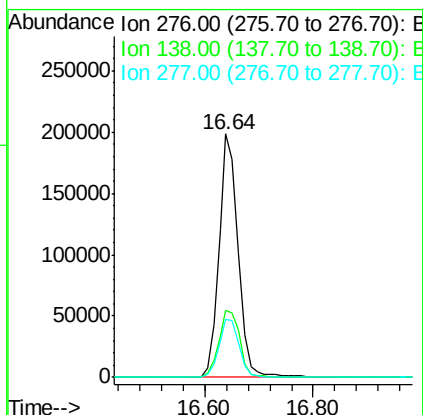
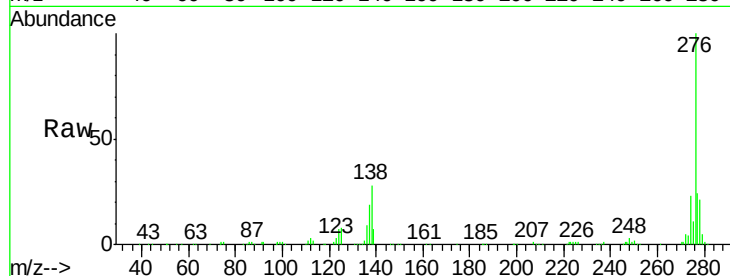




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.16 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. -0.06 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

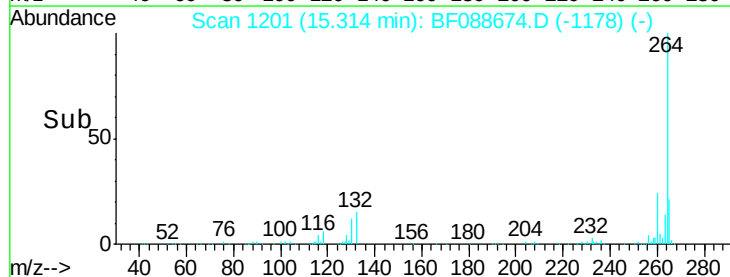
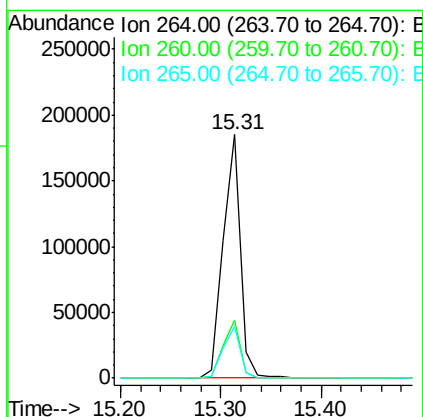
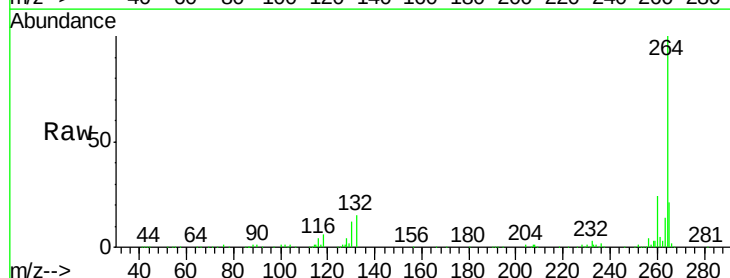
Instrument :
 BNA_F
 ClientSampled :

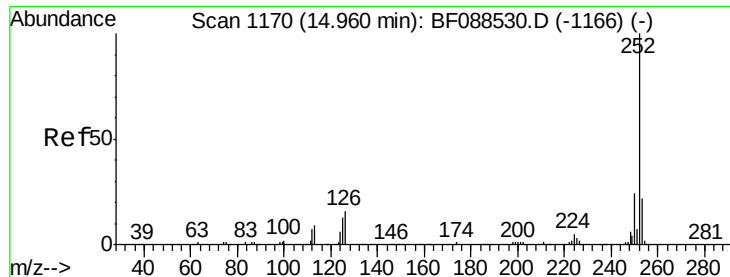
Tot Ion:276 Resp: 487714
 Ion Ratio Lower Upper
 276 100
 138 30.5 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088674.D
 Acq: 4 Jul 2016 4:11

Tgt Ion:264 Resp: 220938
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 16.9 25.3

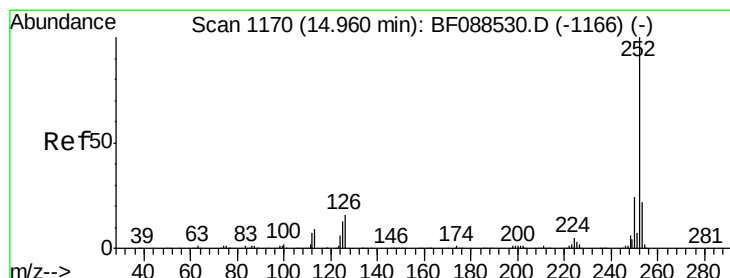
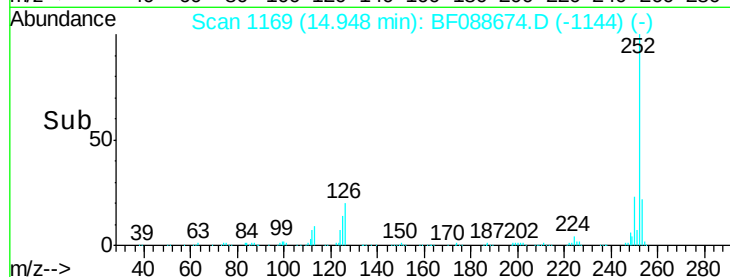
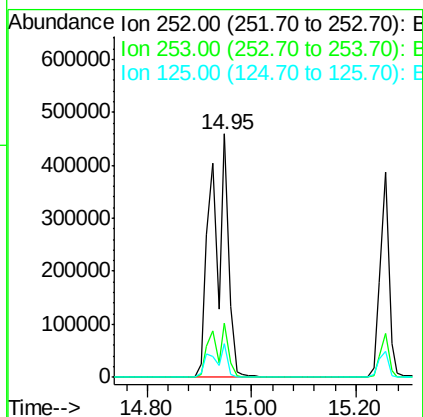
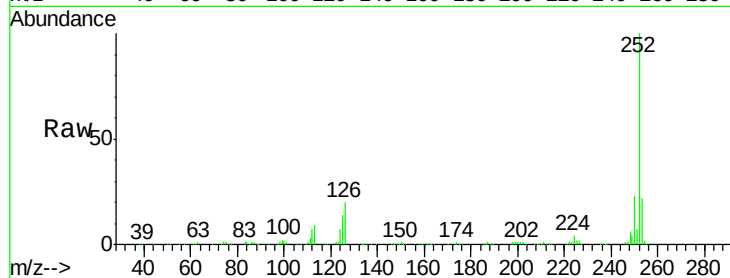




#87
Benzo(b)fluoranthene
Concen: 71.55 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

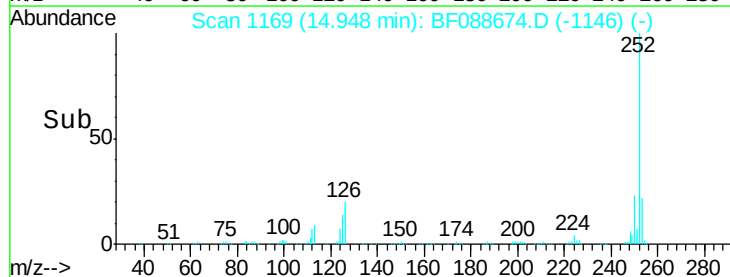
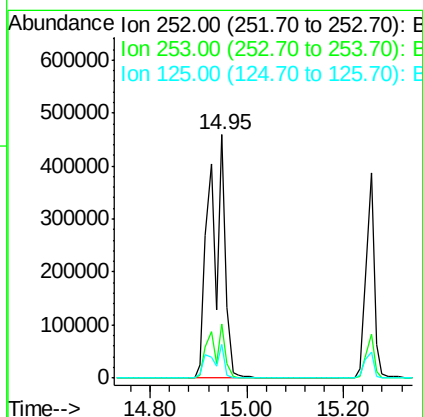
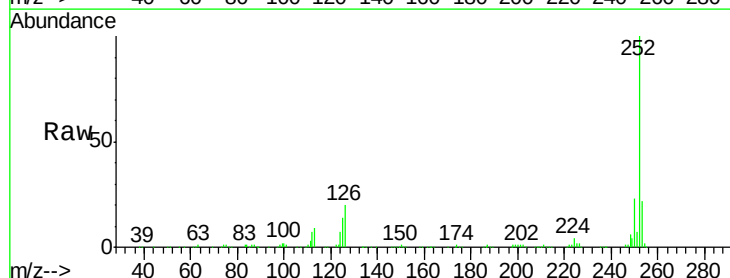
Instrument :
BNA_F
ClientSampleId :

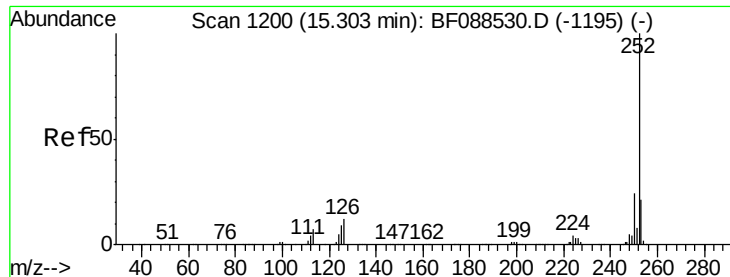
Tot Ion:252 Resp: 991646
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 14.0 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 82.20 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:252 Resp: 991822
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 14.0 11.2 16.8

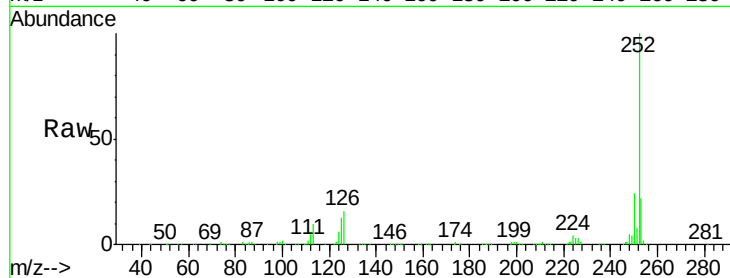




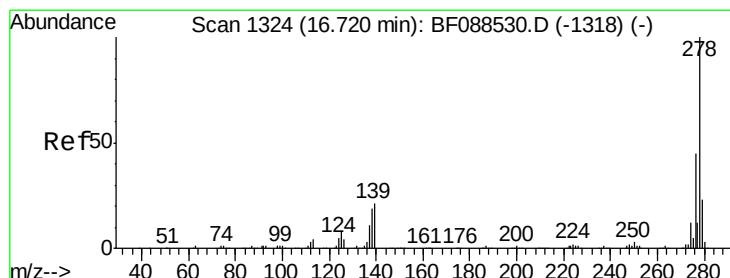
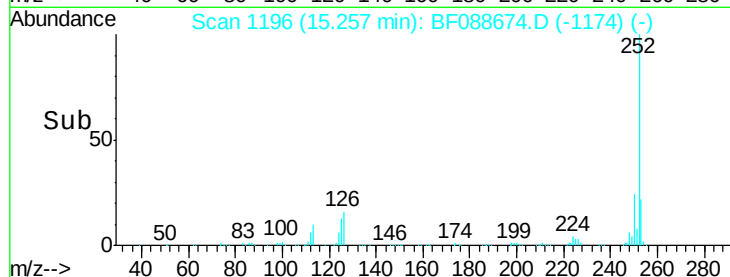
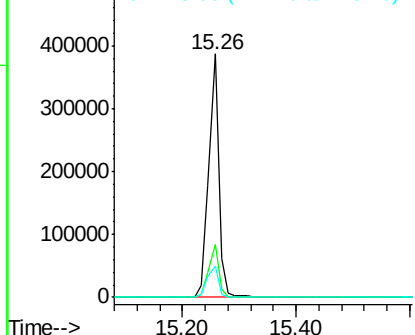
#89
Benzo(a)pyrene
Concen: 39.23 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 460308
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.9 12.5 18.7

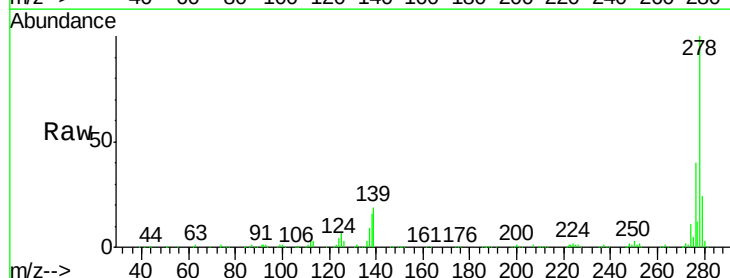


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

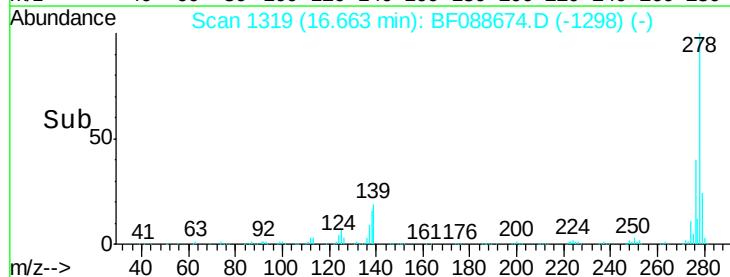
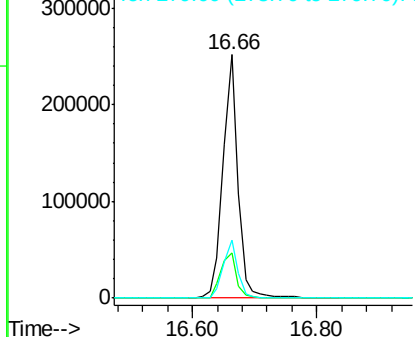


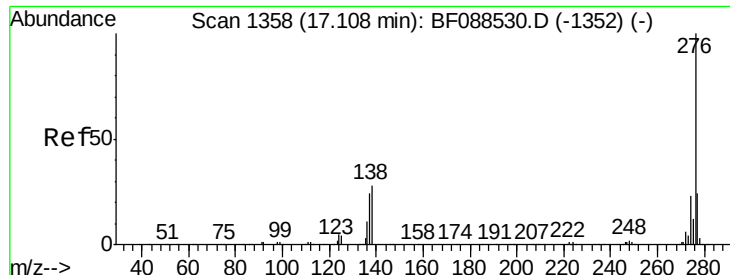
#90
Dibenzo(a,h)anthracene
Concen: 43.01 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088674.D
Acq: 4 Jul 2016 4:11

Tgt Ion:278 Resp: 421414
Ion Ratio Lower Upper
278 100
139 18.6 15.7 23.5
279 24.0 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: 46.15 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.06 min

Lab File: BF088674.D

Acq: 4 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

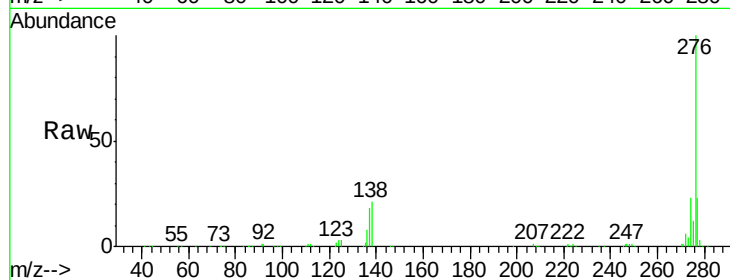
Tot Ion: 276 Resp: 467995

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 21.5 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

