

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088644.D
 Acq On : 3 Jul 2016 12:39
 Operator : UM/SJ
 Sample : PB91807BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:54:49 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	101031	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	416916	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	191674	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	397582	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	297839	20.00	ng	-0.03
86) Perylene-d12	15.31	264	296238	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	854637	126.78	ng	-0.01
7) Phenol-d6	6.42	99	958328	110.02	ng	-0.02
23) Nitrobenzene-d5	7.35	82	653733	82.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	244270	137.24	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1217659	100.35	ng	-0.02
78) Terphenyl-d14	12.88	244	1048414	78.40	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	108150	32.36	ng	# 29
3) Pyridine	3.10	79	160131	16.51	ng	94
4) n-Nitrosodimethylamine	3.04	42	66611	17.98	ng	85
6) Aniline	6.44	93	97233	7.66	ng	100
8) 2-Chlorophenol	6.57	128	156463	21.60	ng	90
9) Benzaldehyde	6.32	77	104062	17.64	ng	# 79
10) Phenol	6.43	94	235404	23.68	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	162780	21.96	ng	85
12) 1,3-Dichlorobenzene	6.80	146	162968	20.44	ng	97
13) 1,4-Dichlorobenzene	6.80	146	162968	20.59	ng	96
14) 1,2-Dichlorobenzene	6.96	146	148845	20.09	ng	97
15) Benzyl Alcohol	6.92	79	122525	19.11	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	209875	19.55	ng	88
17) 2-Methylphenol	7.04	107	132730	22.46	ng	97
18) Hexachloroethane	7.30	117	64334	21.02	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	118379	20.23	ng	91
20) 3+4-Methylphenols	7.20	107	174063	24.54	ng	90
22) Acetophenone	7.19	105	219002	21.64	ng	# 86
24) Nitrobenzene	7.37	77	170099	21.21	ng	99
25) Isophorone	7.61	82	320830	21.77	ng	98
26) 2-Nitrophenol	7.68	139	72205	21.95	ng	94
27) 2,4-Dimethylphenol	7.72	122	146820	21.43	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	203546	21.22	ng	97
29) 2,4-Dichlorophenol	7.93	162	127154	22.97	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	129432	21.30	ng	99
31) Naphthalene	8.09	128	475305	23.12	ng	99
32) Benzoic acid	7.83	122	83416	16.77	ng	94
33) 4-Chloroaniline	8.14	127	59025	6.45	ng	97
34) Hexachlorobutadiene	8.22	225	73786	22.68	ng	99
35) Caprolactam	8.48	113	18635	9.91	ng	95
36) 4-Chloro-3-methylphenol	8.63	107	147237	22.49	ng	95
37) 2-Methylnaphthalene	8.78	142	293992	22.21	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121648	19.08	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	206377	65.95	ng	99

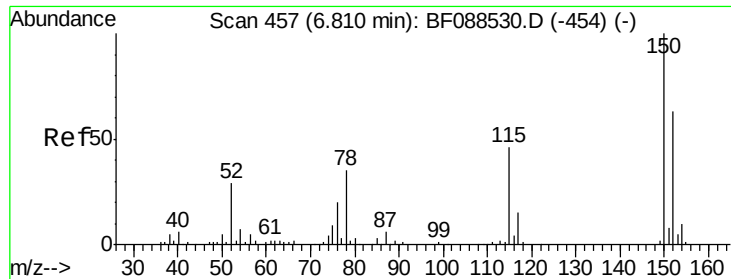
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	88071	20.95	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	102890	28.45	nq #	89
45) 1,1'-Biphenyl	9.24	154	379732	23.92	nq	99
46) 2-Chloronaphthalene	9.27	162	291758	23.42	nq	99
47) 2-Nitroaniline	9.36	65	97472	22.04	nq	98
48) Acenaphthylene	9.68	152	464286	23.42	nq	99
49) Dimethylphthalate	9.54	163	320402	23.46	nq	99
50) 2,6-Dinitrotoluene	9.60	165	70943	23.44	nq #	34
51) Acenaphthene	9.85	154	320867	26.40	nq	99
52) 3-Nitroaniline	9.77	138	41584	10.81	nq	86
53) 2,4-Dinitrophenol	9.87	184	91391	68.39	nq #	86
54) Dibenzofuran	10.02	168	394577	24.81	nq #	89
55) 4-Nitrophenol	9.93	139	203150	69.48	nq	92
56) 2,4-Dinitrotoluene	10.01	165	99277	25.09	nq	94
57) Fluorene	10.36	166	313952	25.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	75774	27.08	nq #	55
59) Diethylphthalate	10.25	149	361021	26.34	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	142085	24.95	nq	89
61) 4-Nitroaniline	10.38	138	71386	19.28	nq	86
62) Azobenzene	10.52	77	398092	25.47	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	48277	22.70	nq	82
65) n-Nitrosodiphenylamine	10.48	169	295543	21.96	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	83379	20.81	nq #	76
67) Hexachlorobenzene	10.91	284	96197	21.69	nq #	87
68) Atrazine	11.00	200	87882	20.96	nq	93
69) Pentachlorophenol	11.11	266	165028	62.87	nq	97
70) Phenanthrene	11.32	178	498531	22.94	nq	98
71) Anthracene	11.37	178	474700	21.97	nq	99
72) Carbazole	11.53	167	445914	21.92	nq	97
73) Di-n-butylphthalate	11.87	149	545169	23.04	nq #	97
74) Fluoranthene	12.50	202	481321	21.85	nq	99
76) Benzidine	12.63	184	218360	14.50	nq	98
77) Pyrene	12.73	202	511865	20.27	nq	99
79) Butylbenzylphthalate	13.36	149	238873	21.21	nq	89
80) Benzo(a)anthracene	13.91	228	407504	21.25	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	55891	7.75	nq #	94
82) Chrysene	13.95	228	410794	21.65	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	293530	22.82	nq	98
84) Di-n-octyl phthalate	14.53	149	515060	23.57	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	334585	22.92	nq #	100
87) Benzo(b)fluoranthene	14.93	252	745079	40.09	nq #	98
88) Benzo(k)fluoranthene	14.93	252	745079	46.06	nq #	96
89) Benzo(a)pyrene	15.26	252	353537	22.47	nq	97
90) Dibenzo(a,h)anthracene	16.66	278	277171	21.10	nq	97
91) Benzo(g,h,i)perylene	17.05	276	269879	19.85	nq	94

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

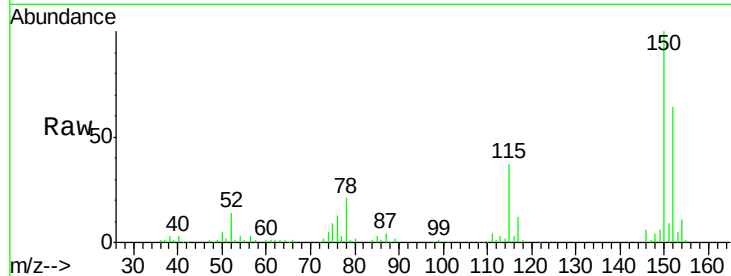


#1

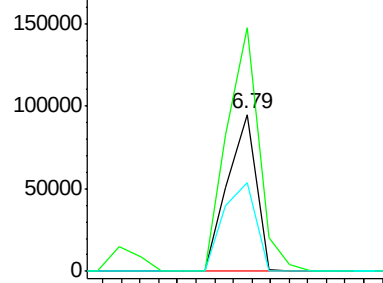
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

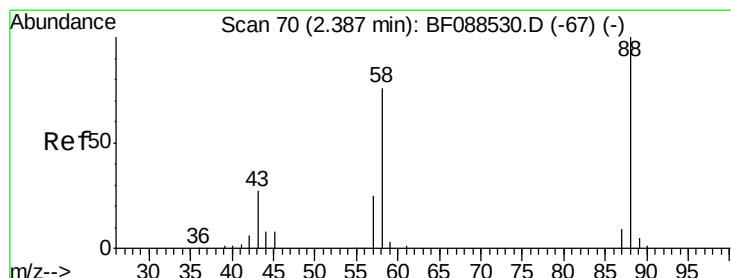
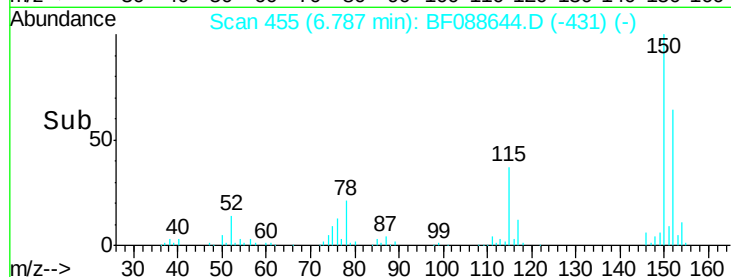
Tot Ion:152 Resp: 101031
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 56.8 39.6 59.4



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



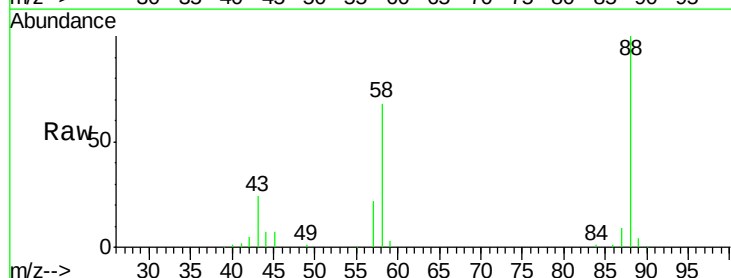
Time-->



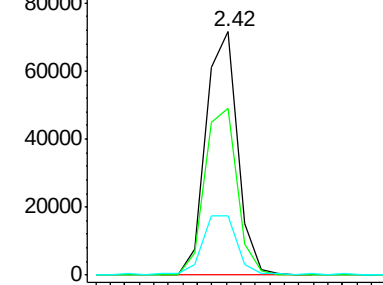
#2

1,4-Dioxane
Concen: 32.36 ng
RT: 2.42 min Scan# 73
Delta R.T. 0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

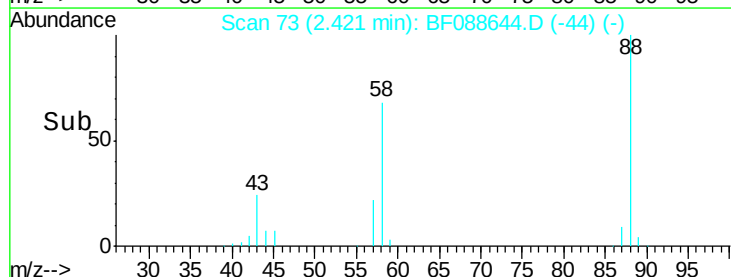
Tgt Ion: 88 Resp: 108150
Ion Ratio Lower Upper
88 100
58 70.4 0.0 0.0#
43 27.5 3.4 5.2#

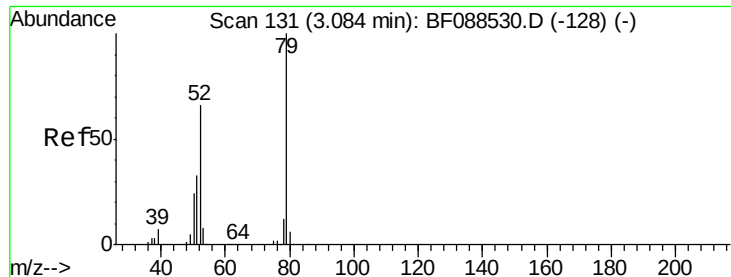


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pvridine

Concen: 16.51 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampled :

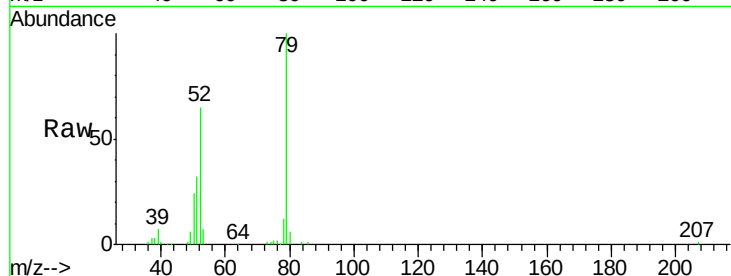
Tot Ion: 79 Resp: 160131

Ion Ratio Lower Upper

79 100

52 64.7 56.3 84.5

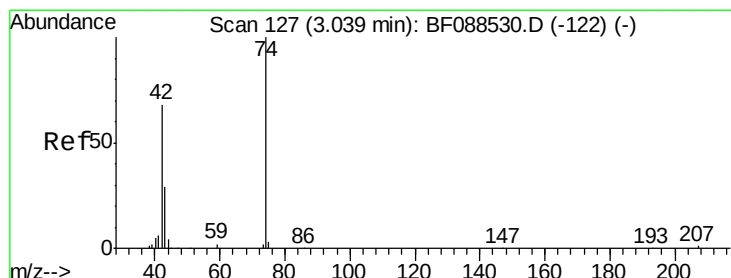
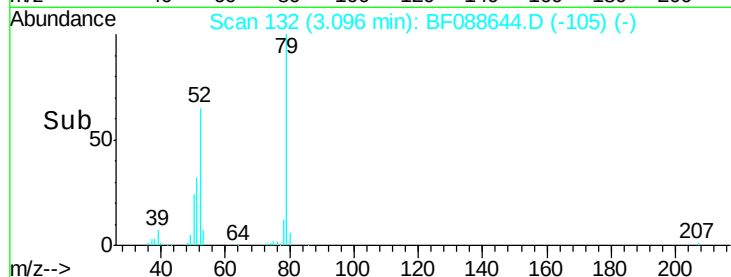
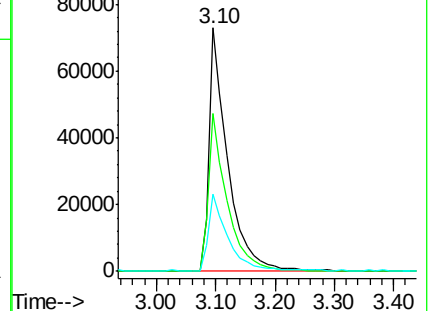
51 31.9 27.4 41.2



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: 17.98 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

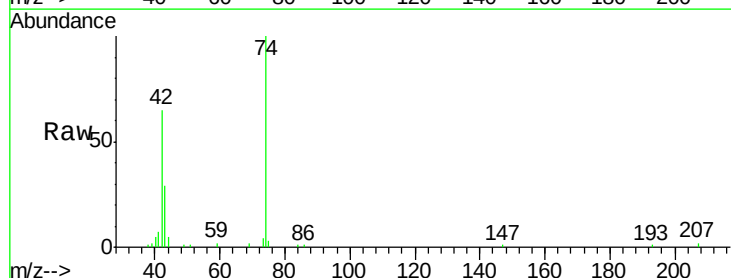
Tgt Ion: 42 Resp: 66611

Ion Ratio Lower Upper

42 100

74 154.6 108.6 163.0

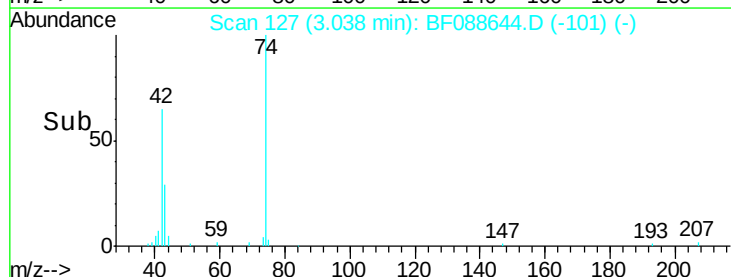
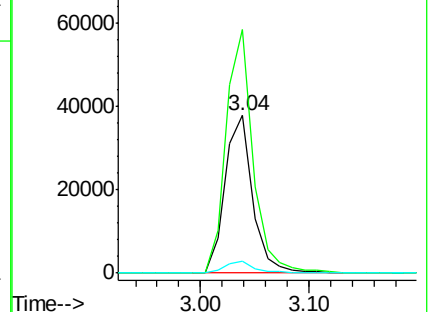
44 7.2 5.5 8.3

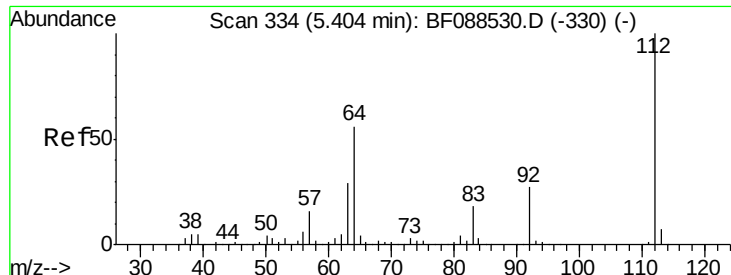


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.78 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

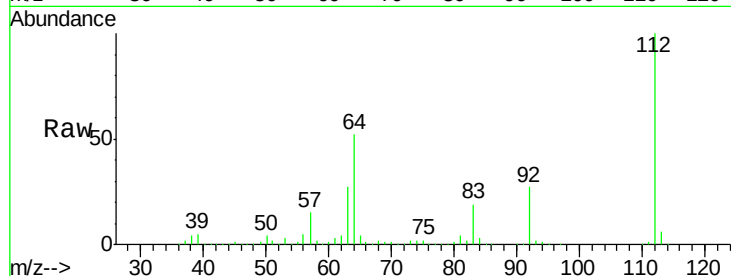
Tot Ion:112 Resp: 854637

Ion Ratio Lower Upper

112 100

64 52.2 42.2 63.2

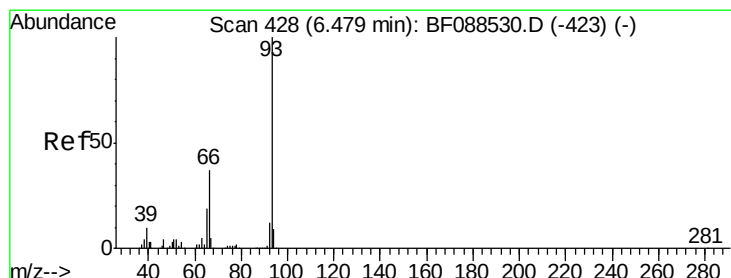
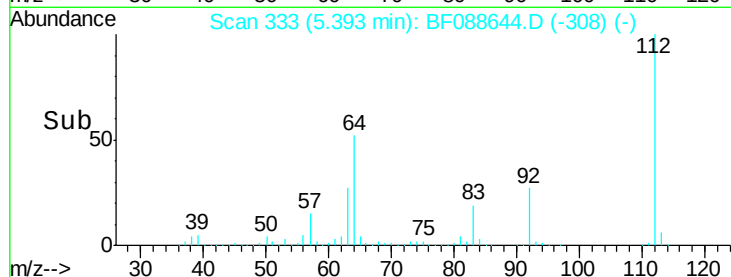
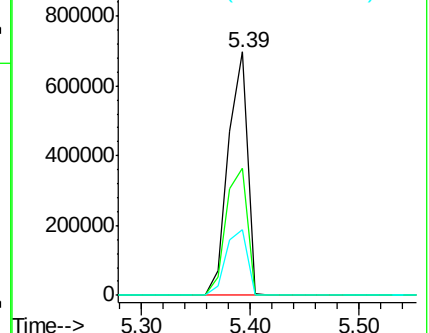
63 27.2 21.8 32.8



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: 7.66 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

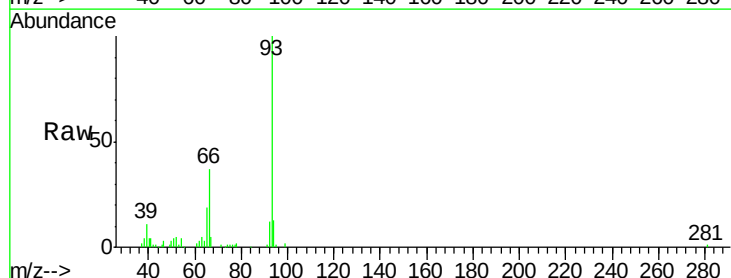
Tgt Ion: 93 Resp: 97233

Ion Ratio Lower Upper

93 100

66 37.4 29.8 44.8

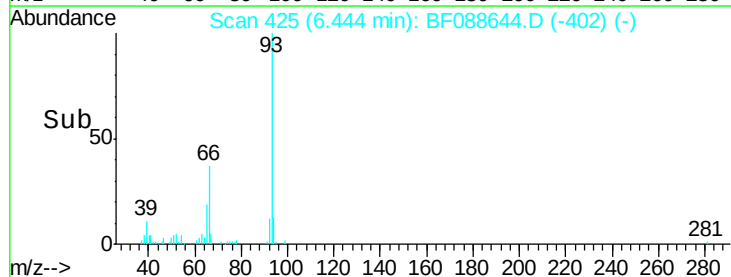
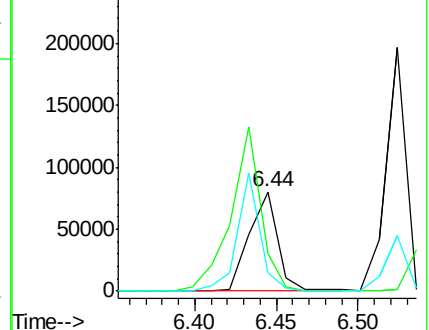
65 19.0 14.9 22.3

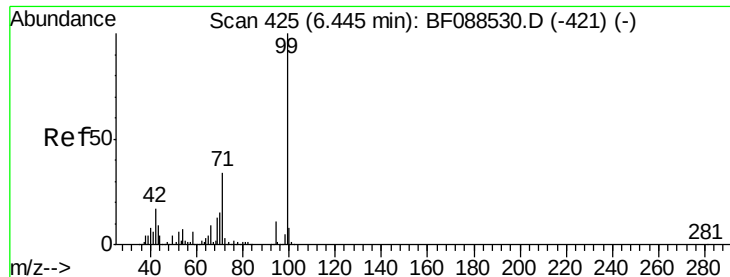


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.02 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

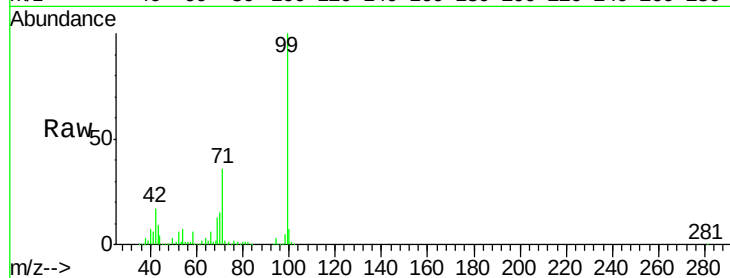
Tot Ion: 99 Resp: 958328

Ion Ratio Lower Upper

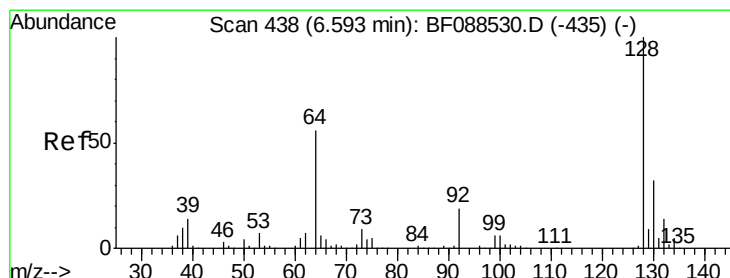
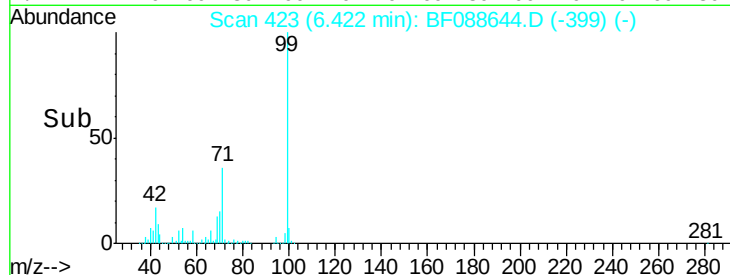
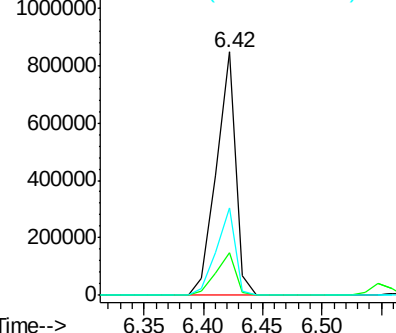
99 100

42 17.4 12.2 18.2

71 36.1 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: 21.60 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

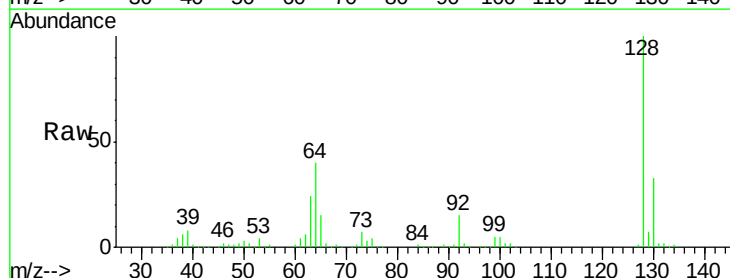
Tgt Ion: 128 Resp: 156463

Ion Ratio Lower Upper

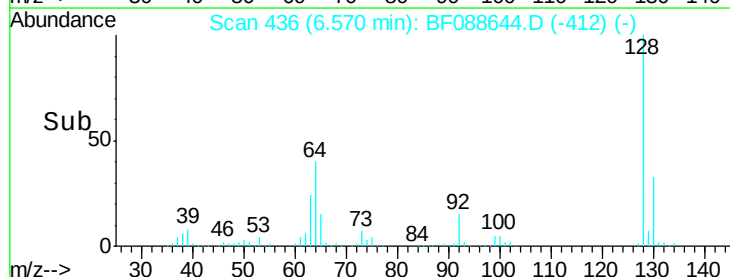
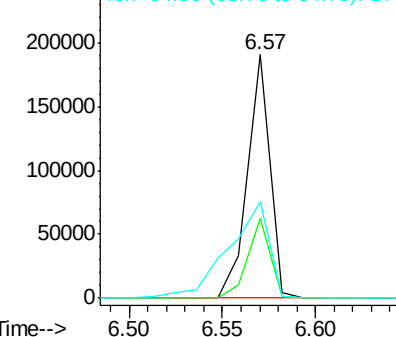
128 100

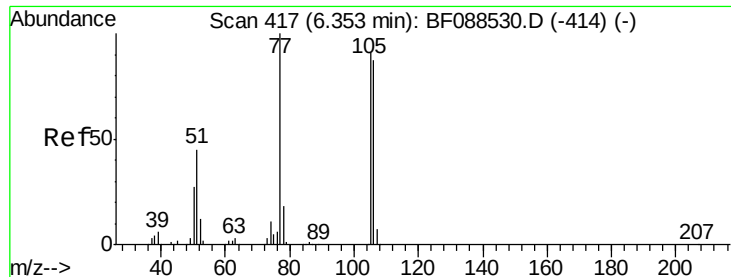
130 32.9 12.0 52.0

64 39.7 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: 17.64 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

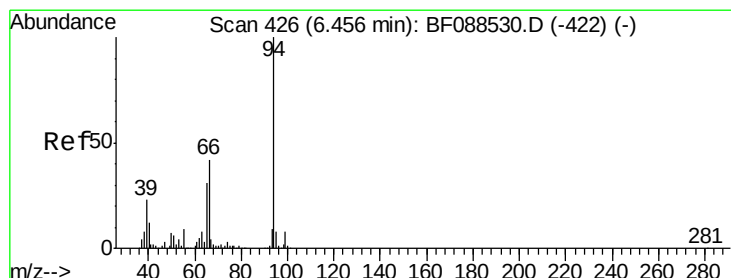
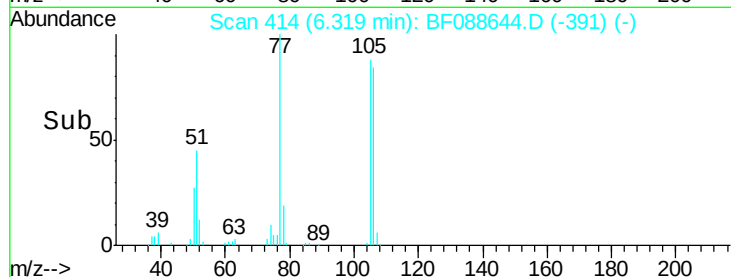
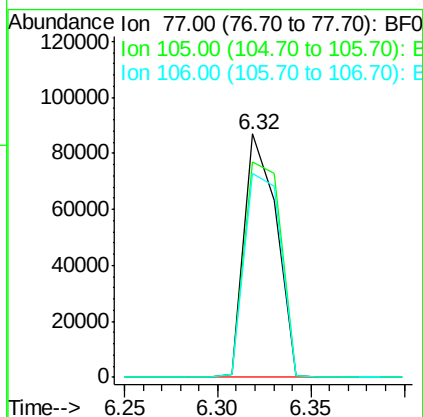
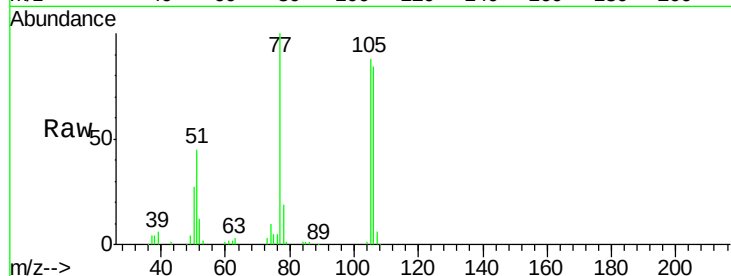
Tot Ion: 77 Resp: 104062

Ion Ratio Lower Upper

77 100

105 88.3 90.6 130.6#

106 84.0 85.3 125.3#



#10

Phenol

Concen: 23.68 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

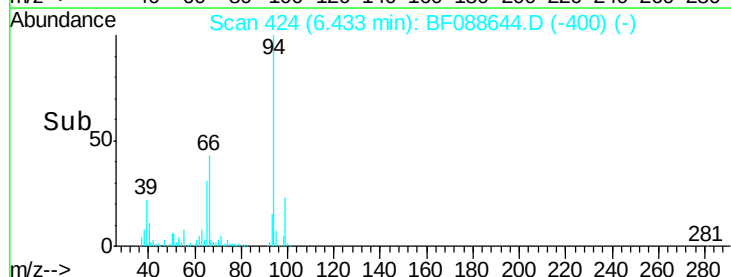
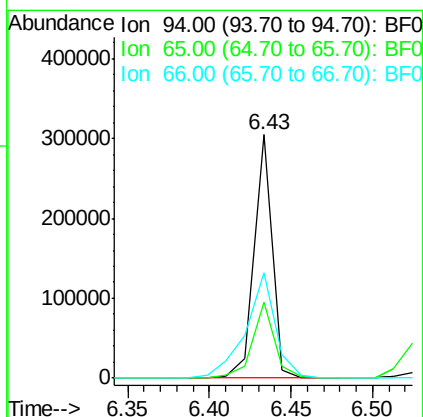
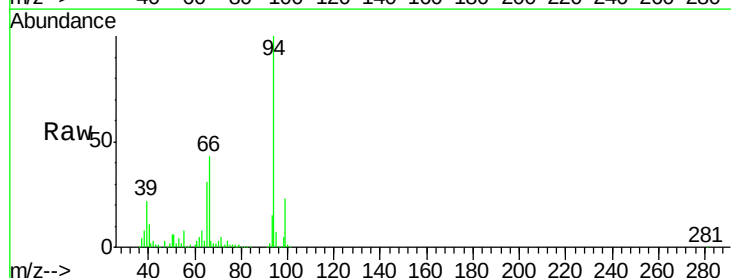
Tgt Ion: 94 Resp: 235404

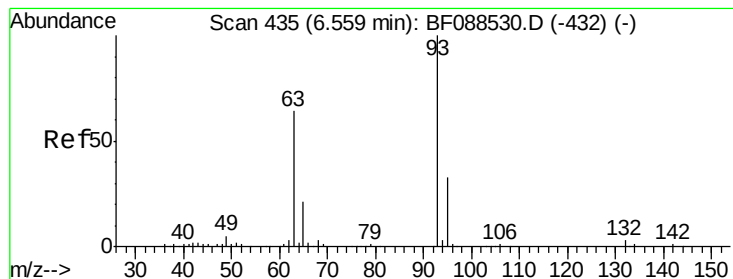
Ion Ratio Lower Upper

94 100

65 31.2 5.9 45.9

66 43.4 14.0 54.0

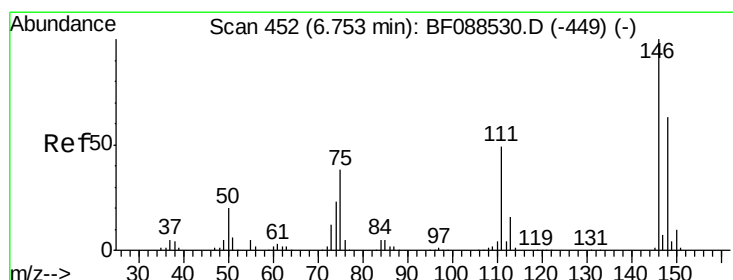
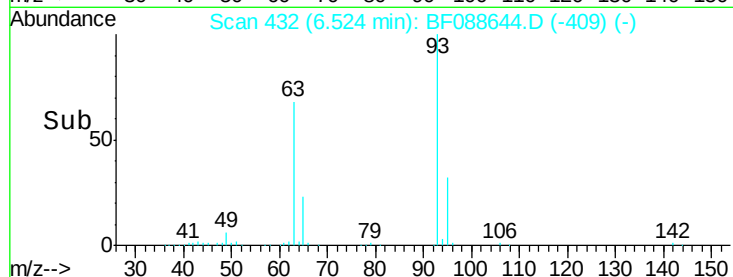
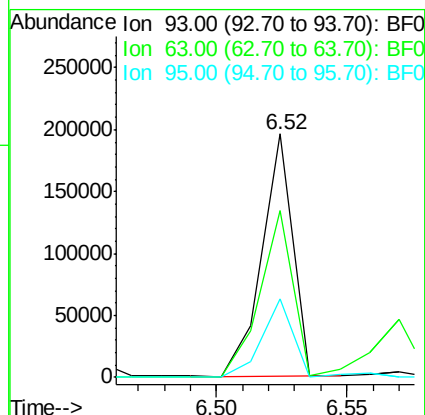
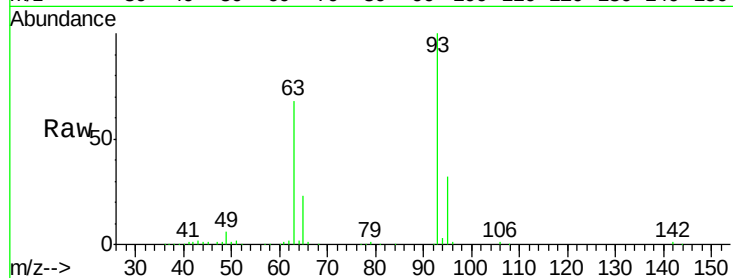




#11
bis(2-Chloroethyl)ether
Concen: 21.96 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

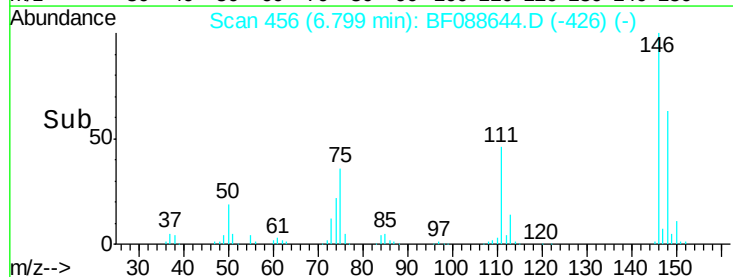
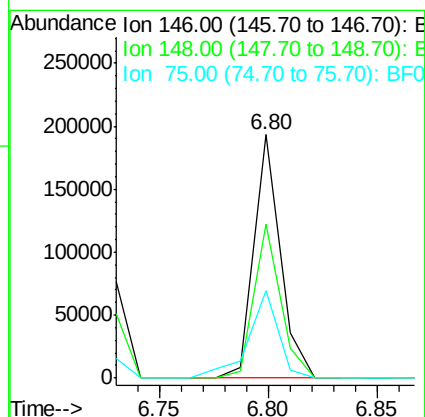
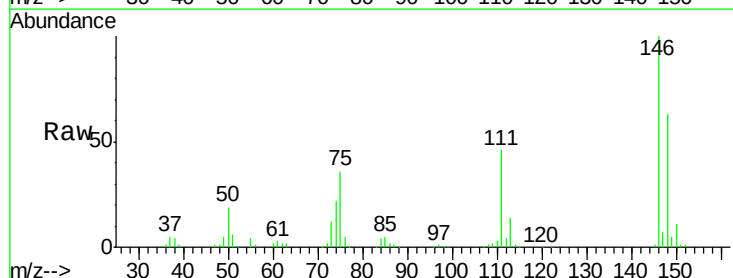
Instrument :
BNA_F
ClientSampleId :

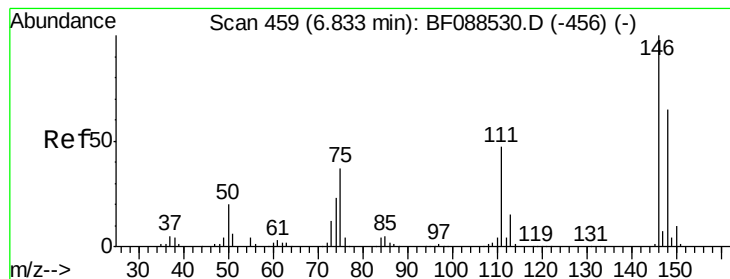
Tot Ion: 93 Resp: 162780
Ion Ratio Lower Upper
93 100
63 68.3 67.6 107.6
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 20.44 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.05 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion: 146 Resp: 162968
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 35.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 20.59 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

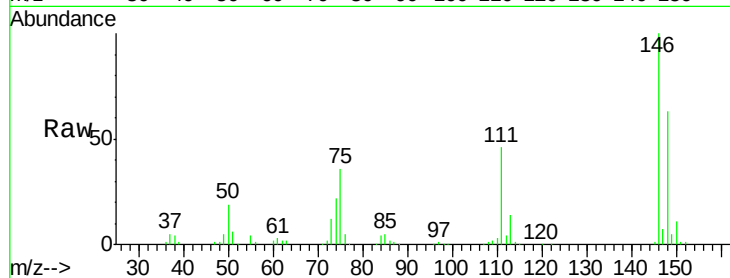
Tot Ion:146 Resp: 162968

Ion Ratio Lower Upper

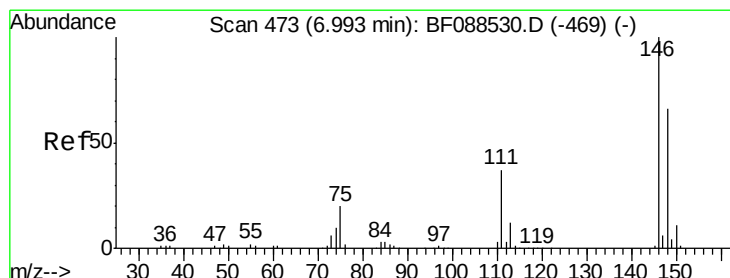
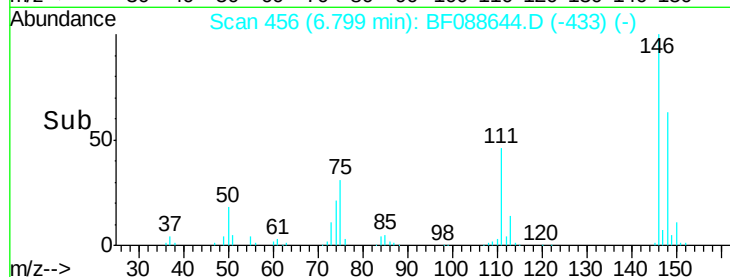
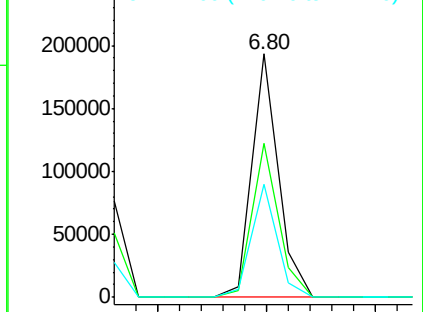
146 100

148 63.1 52.0 78.0

111 46.2 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: 20.09 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

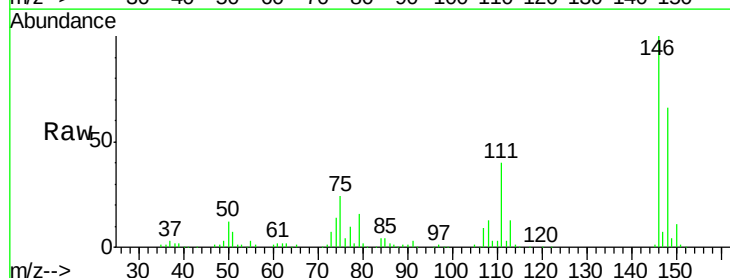
Tgt Ion:146 Resp: 148845

Ion Ratio Lower Upper

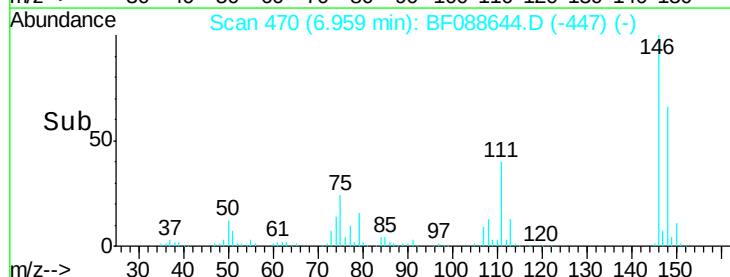
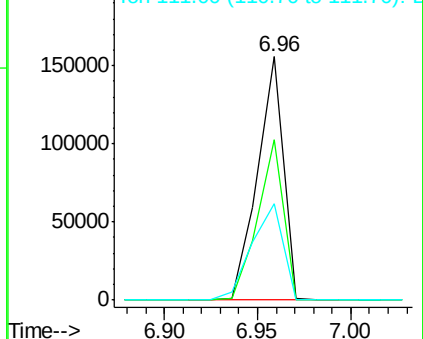
146 100

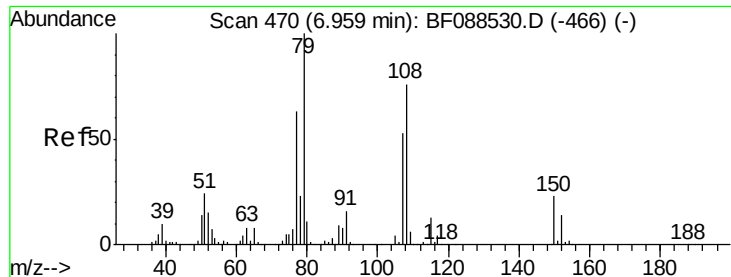
148 65.7 52.3 78.5

111 39.7 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: 19.11 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

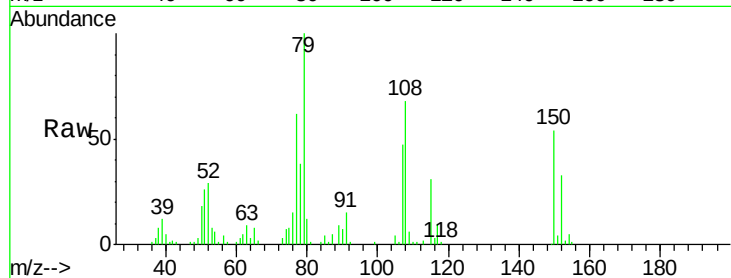
Tot Ion: 79 Resp: 122525

Ion Ratio Lower Upper

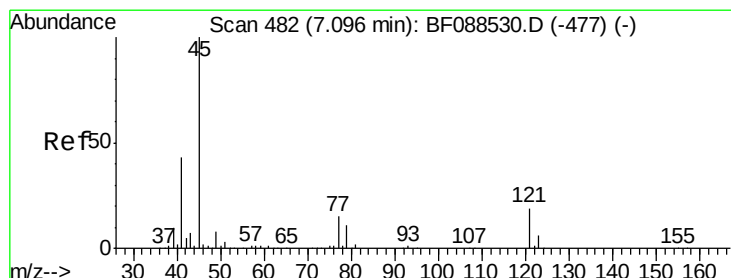
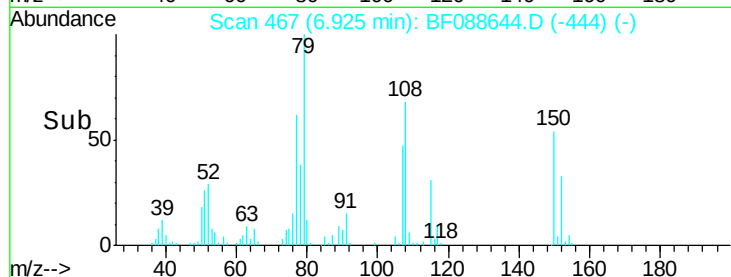
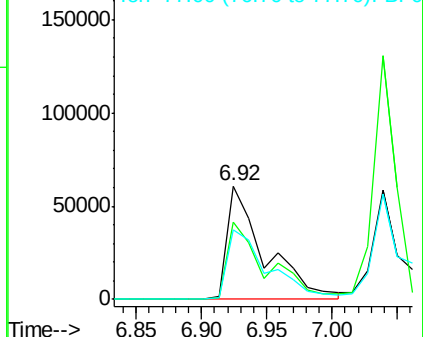
79 100

108 68.1 65.0 97.6

77 61.8 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: 19.55 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

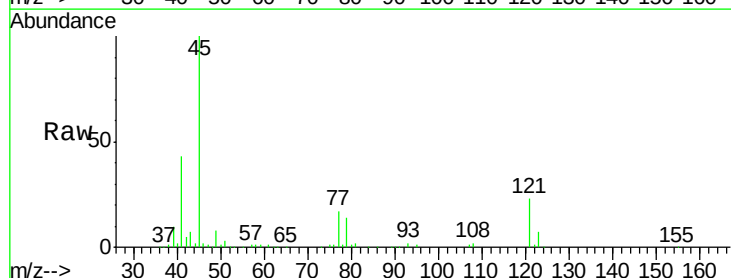
Tgt Ion: 45 Resp: 209875

Ion Ratio Lower Upper

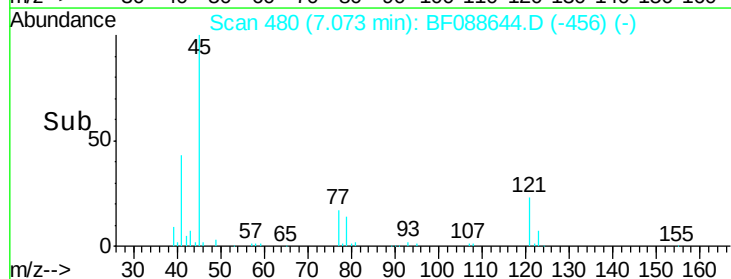
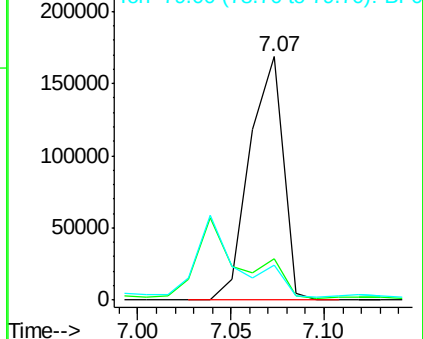
45 100

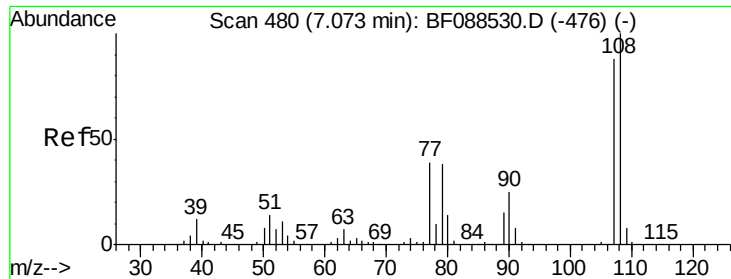
77 17.0 0.0 32.5

79 14.3 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: 22.46 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 132730

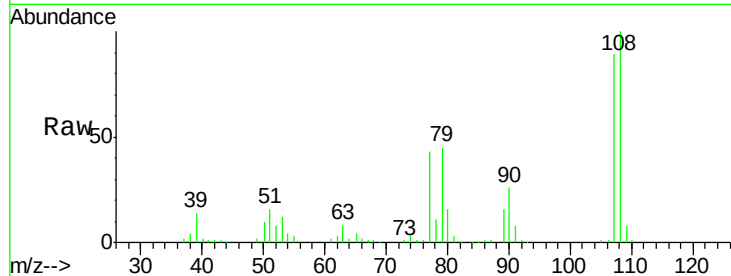
Ion Ratio Lower Upper

107 100

108 112.8 90.9 136.3

77 49.0 36.6 55.0

79 50.7 36.5 54.7

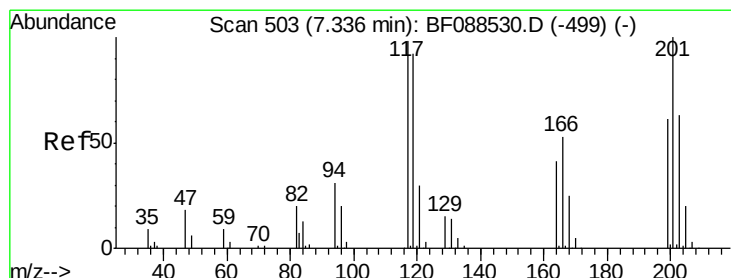
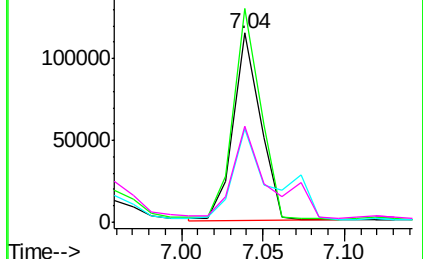
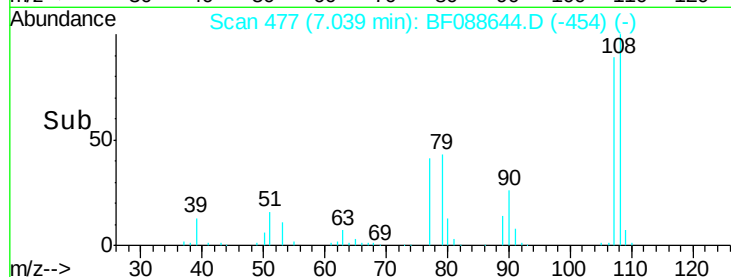


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 21.02 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

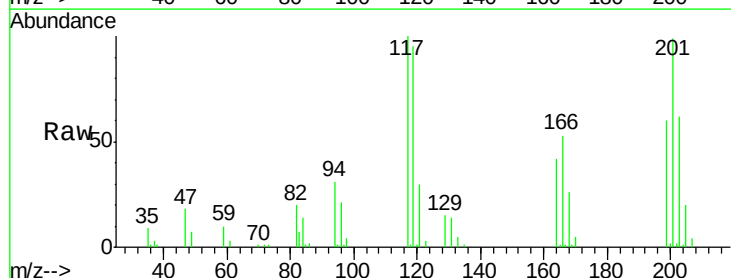
Tgt Ion:117 Resp: 64334

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.2

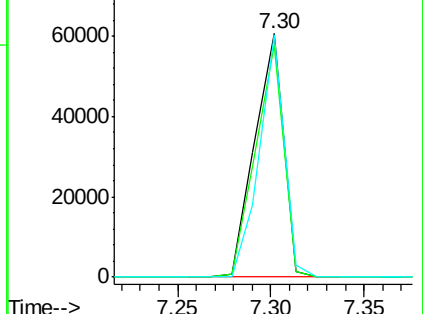
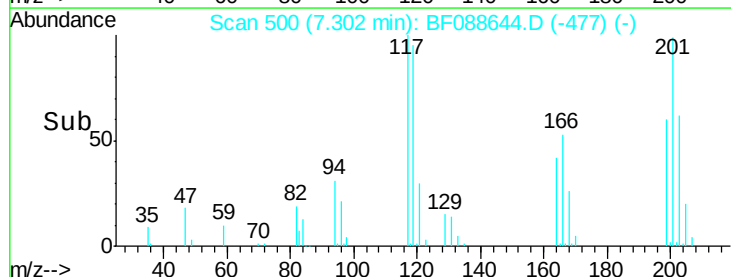
201 99.4 80.4 120.6

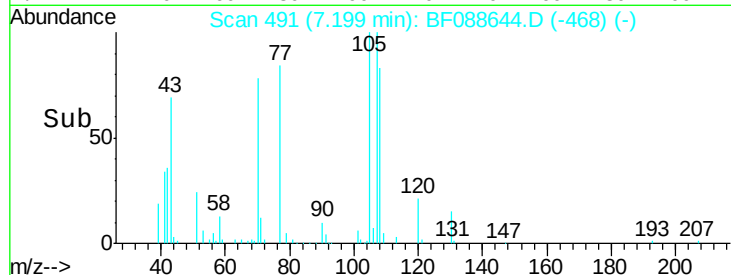
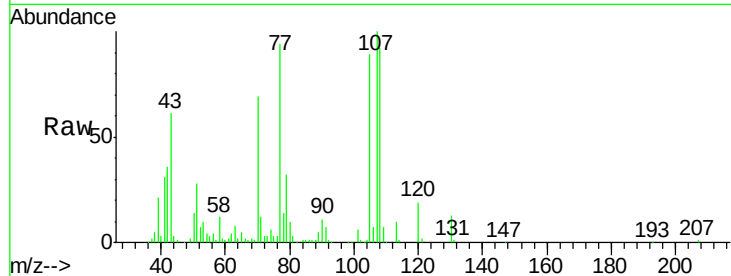
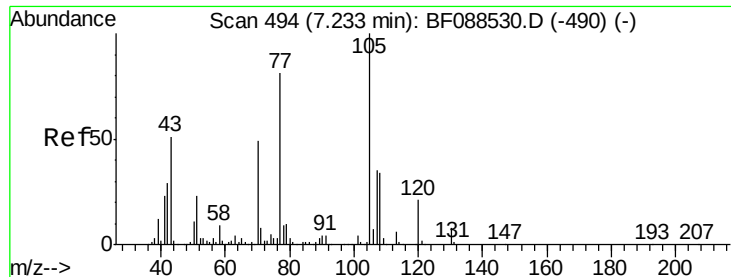


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

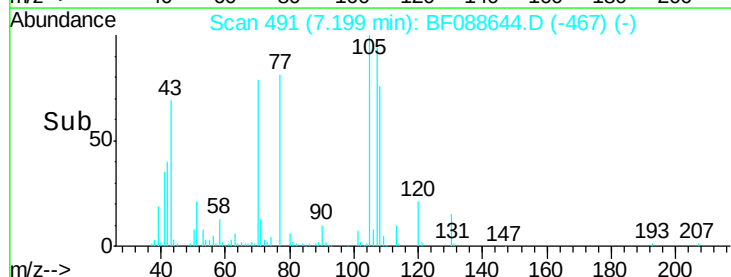
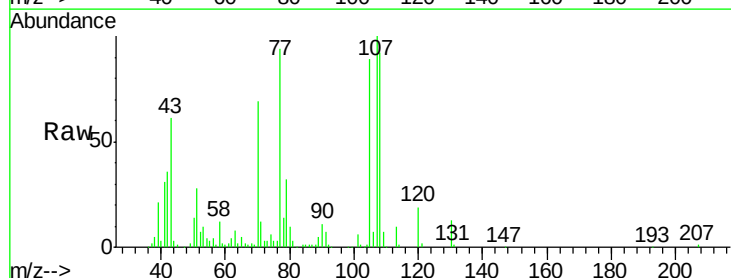
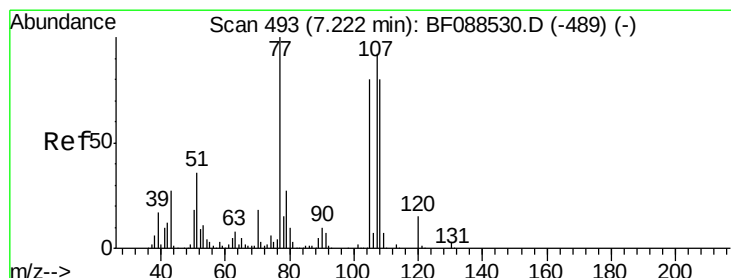
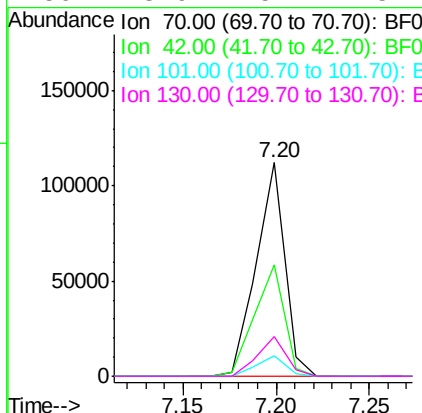




#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

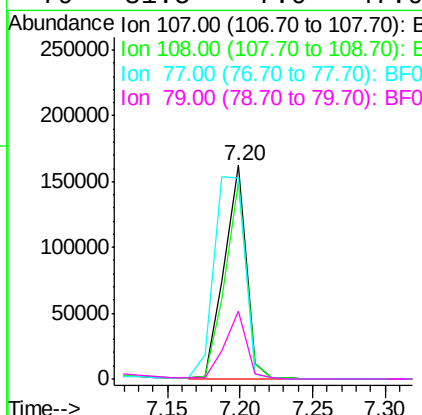
Instrument :
BNA_F
ClientSampleId :

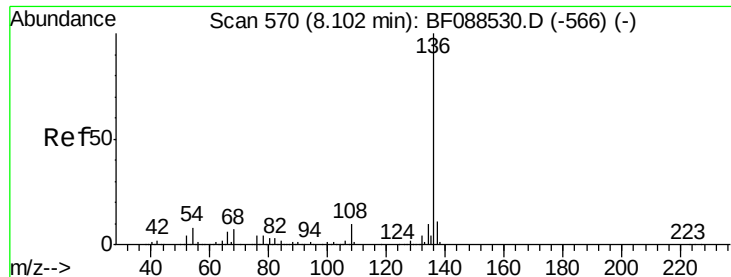
Tot Ion: 70 Resp: 118379
Ion Ratio Lower Upper
70 100
42 52.4 49.6 74.4
101 9.3 7.1 10.7
130 18.9 15.4 23.2



#20
3+4-Methylphenols
Concen: 24.54 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion:107 Resp: 174063
Ion Ratio Lower Upper
107 100
108 92.2 67.8 107.8
77 94.0 59.3 99.3
79 31.5 7.0 47.0

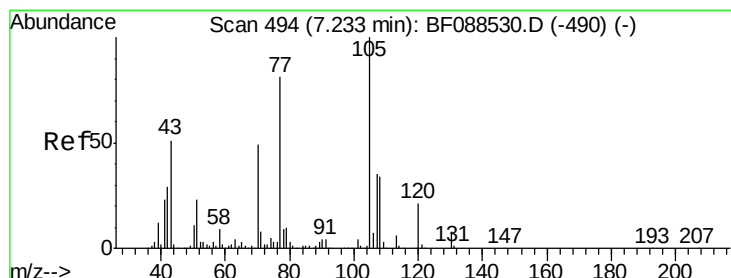
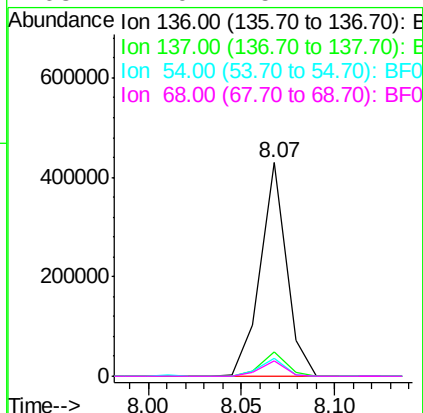
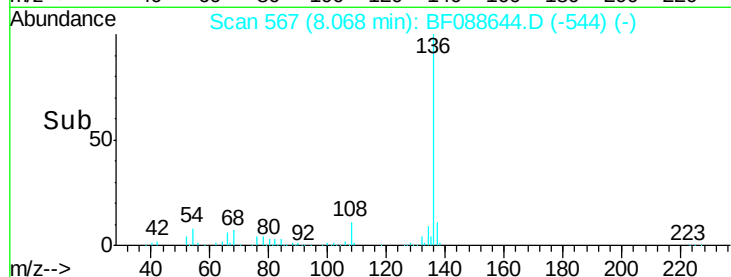
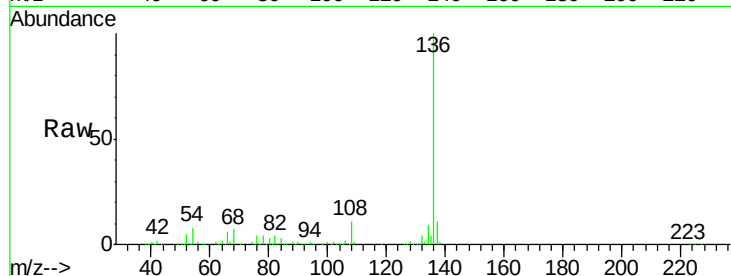




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

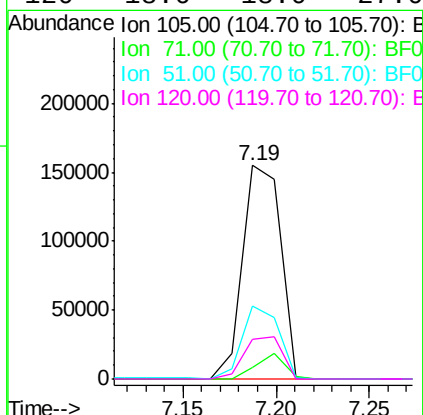
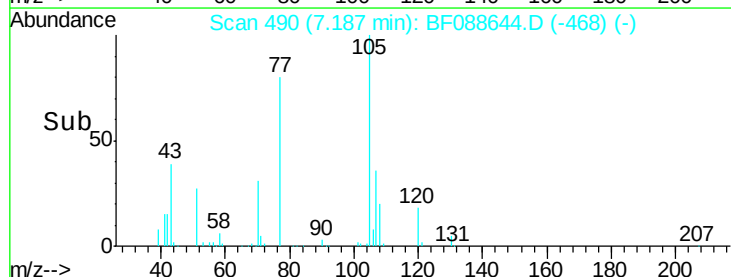
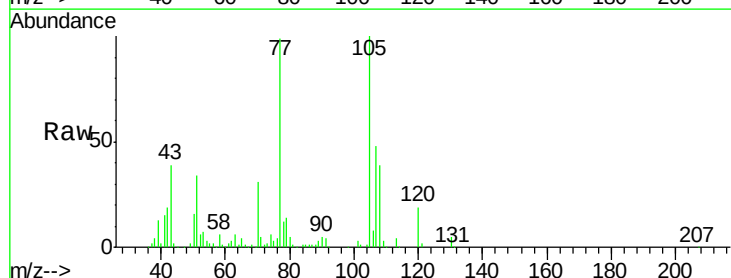
Instrument :
BNA_F
ClientSampleId :

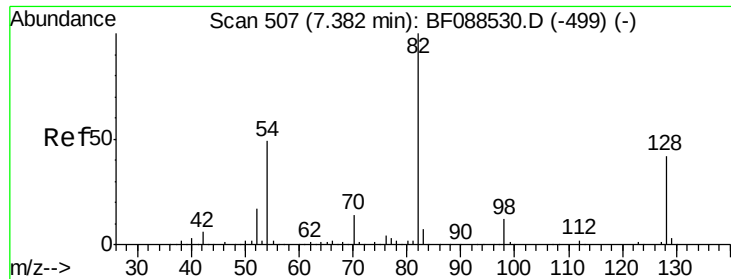
Tot Ion:136	Resp: 416916
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 8.5	6.6 10.0
68 7.0	5.1 7.7



#22
Acetophenone
Concen: 21.64 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt	Ion:105	Resp:	219002
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.3	7.9
51	34.3	18.2	27.4#
120	18.6	18.0	27.0

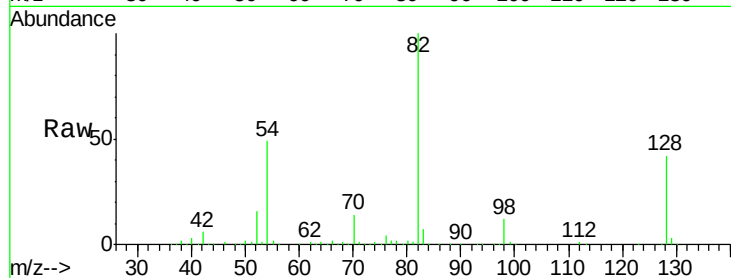




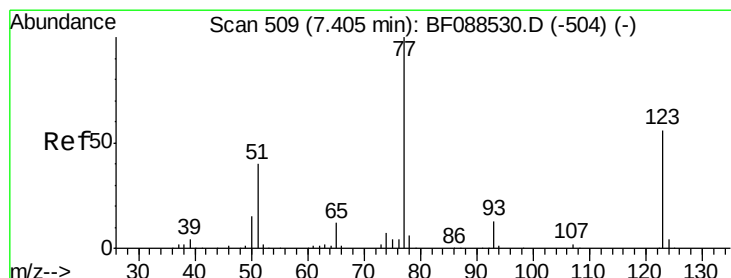
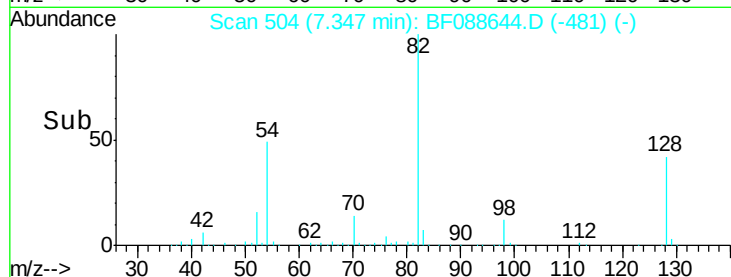
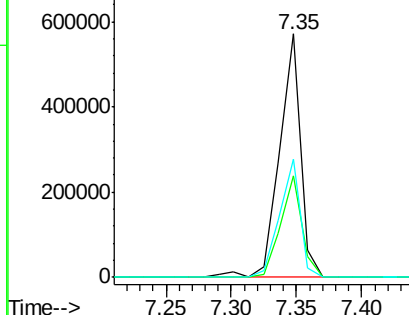
#23
Nitrobenzene-d5
Concen: 82.17 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 653733
Ion Ratio Lower Upper
82 100
128 41.7 35.9 53.9
54 48.6 40.9 61.3

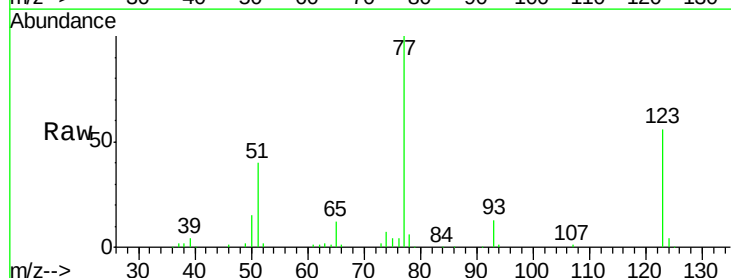


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

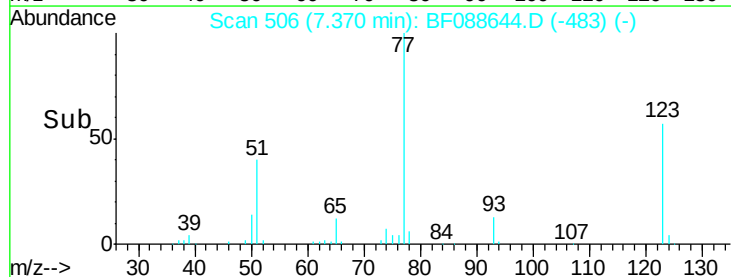
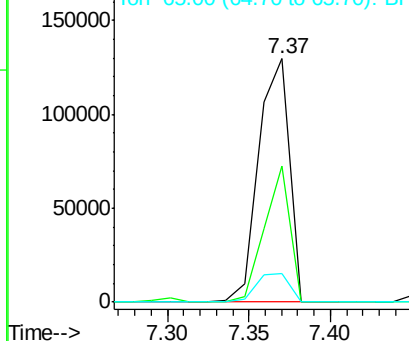


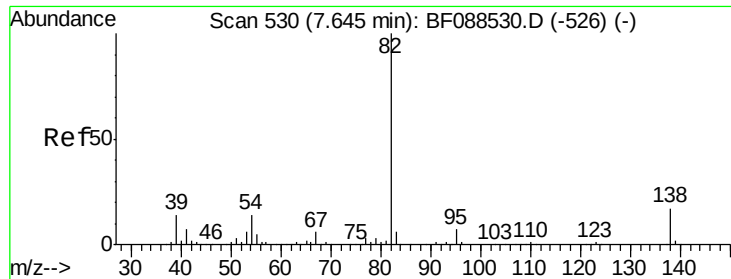
#24
Nitrobenzene
Concen: 21.21 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion: 77 Resp: 170099
Ion Ratio Lower Upper
77 100
123 56.1 45.0 67.4
65 11.7 10.2 15.2



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





#25

Isophorone

Concen: 21.77 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

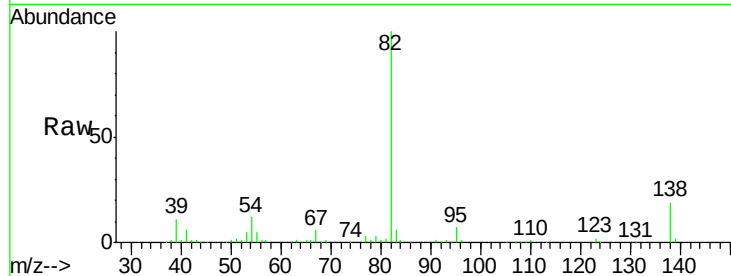
Tot Ion: 82 Resp: 320830

Ion Ratio Lower Upper

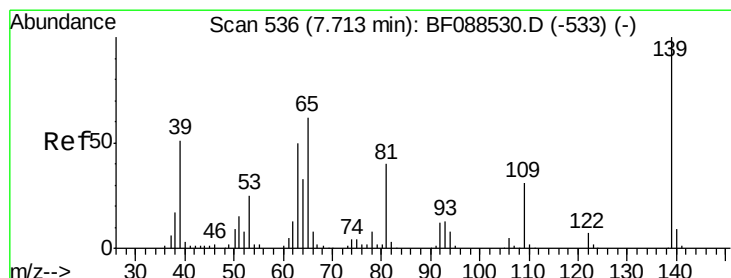
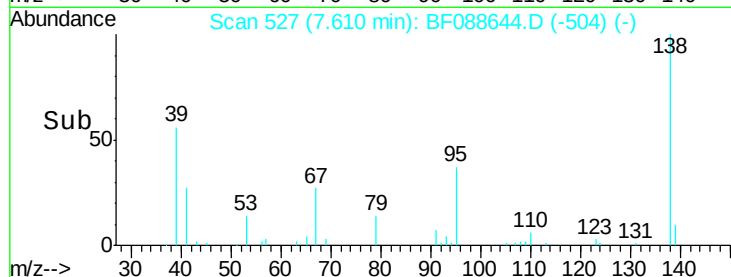
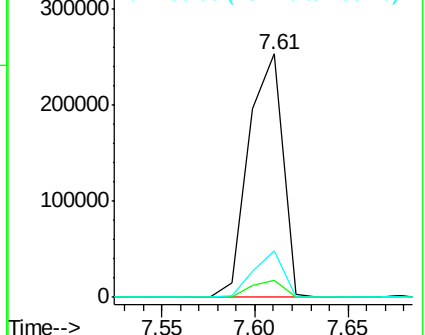
82 100

95 7.0 5.4 8.2

138 19.2 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: 21.95 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

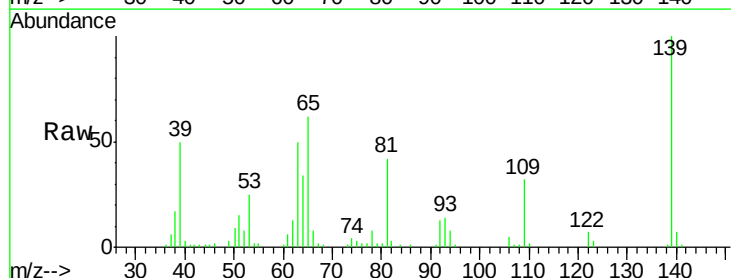
Tgt Ion: 139 Resp: 72205

Ion Ratio Lower Upper

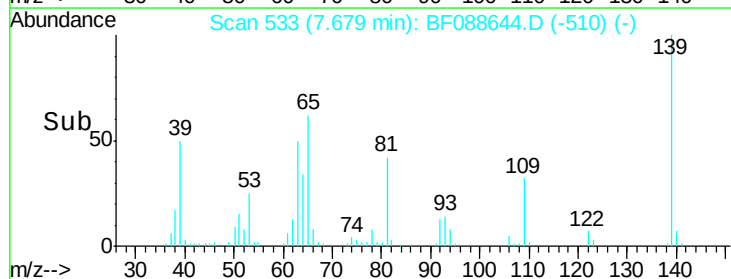
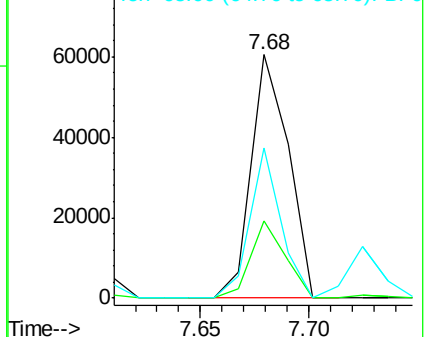
139 100

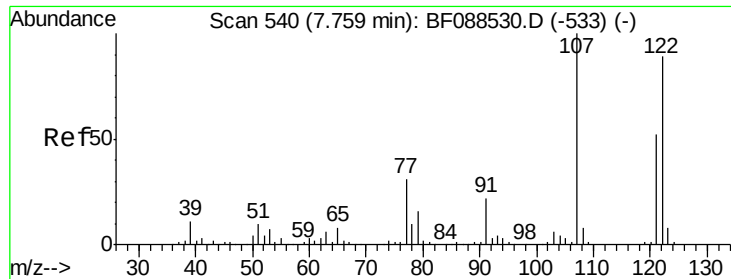
109 31.7 23.0 34.4

65 61.8 45.8 68.8



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

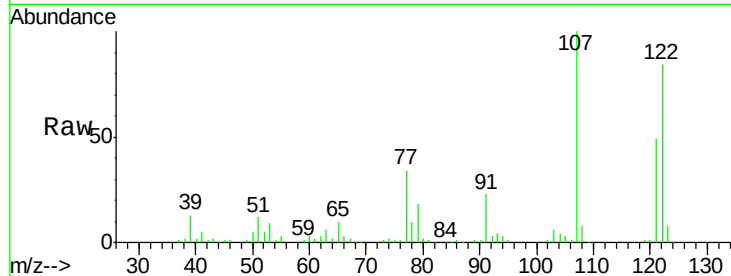




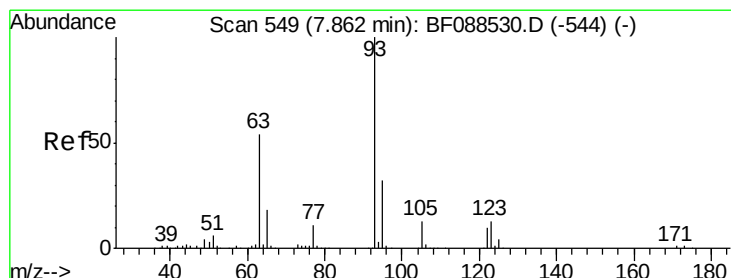
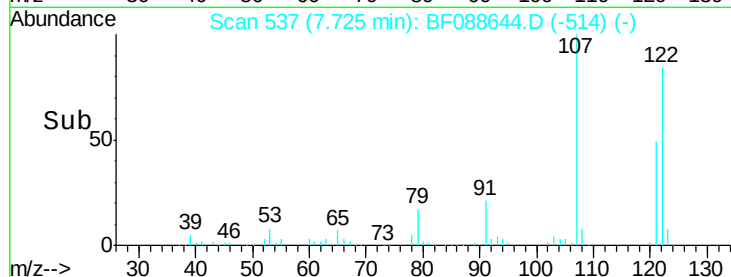
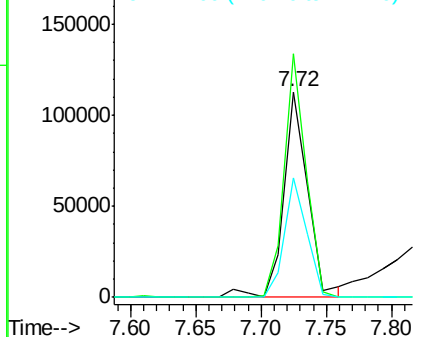
#27
2,4-Dimethylphenol
Concen: 21.43 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 146820
Ion Ratio Lower Upper
122 100
107 118.5 82.4 123.6
121 58.1 46.3 69.5

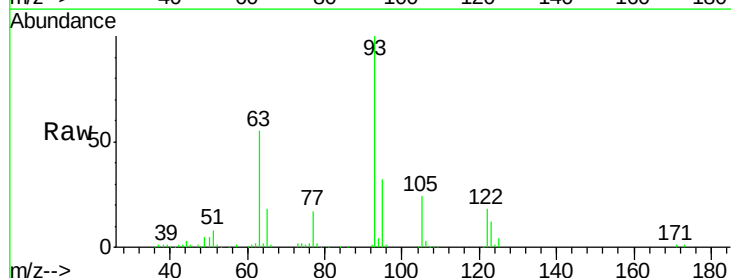


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

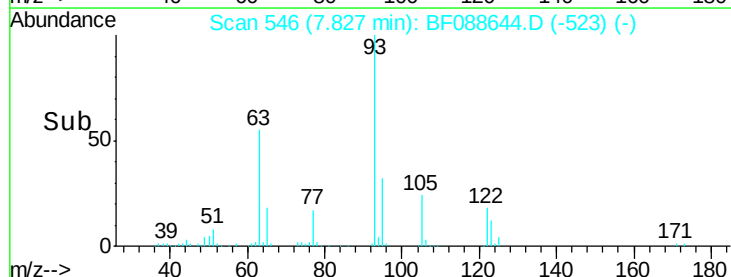
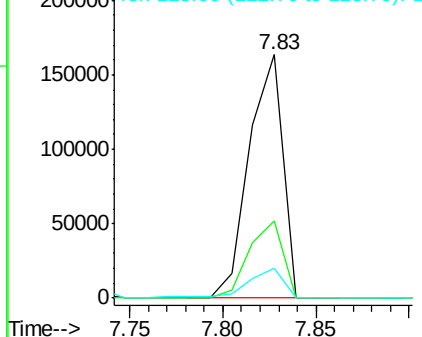


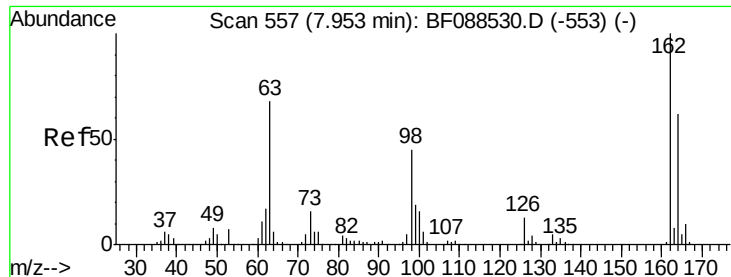
#28
bis(2-Chloroethoxy)methane
Concen: 21.22 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion: 93 Resp: 203546
Ion Ratio Lower Upper
93 100
95 31.8 26.5 39.7
123 12.5 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

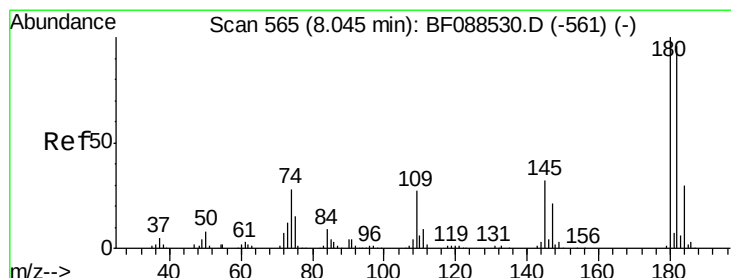
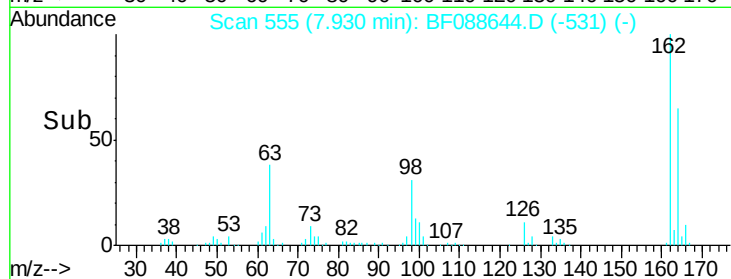
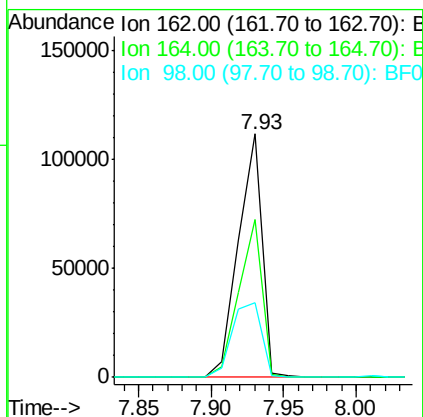
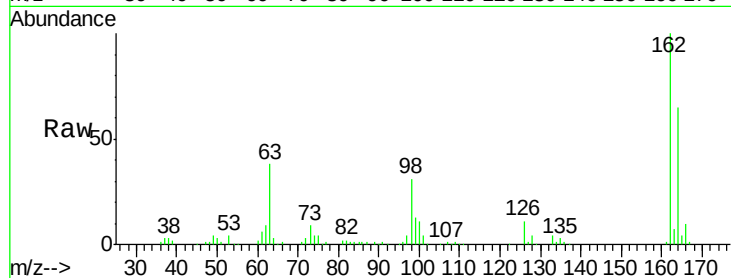




#29
2,4-Dichlorophenol
Concen: 22.97 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

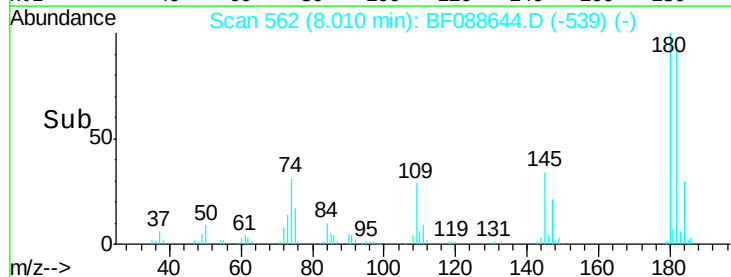
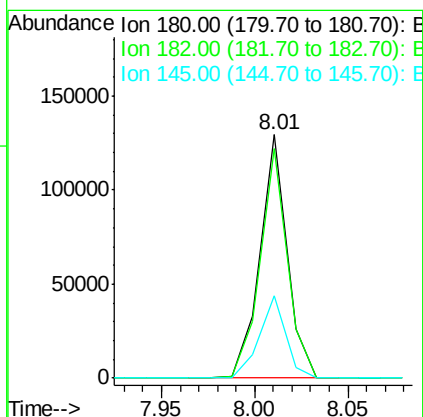
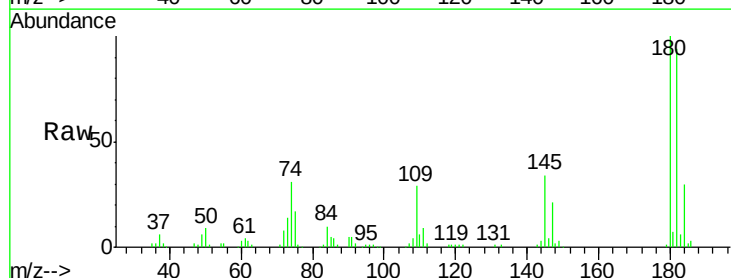
Instrument :
BNA_F
ClientSampleId :

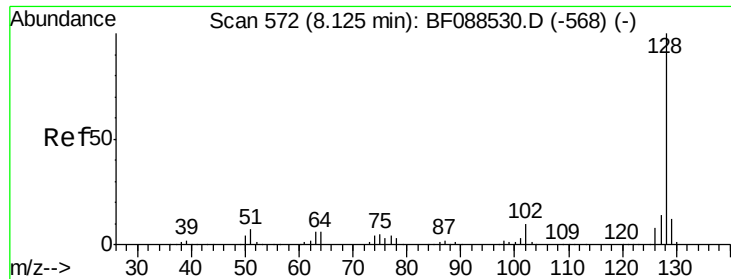
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	30.5	21.3	61.3



#30
1,2,4-Trichlorobenzene
Concen: 21.30 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.0	114.0
145	33.6	26.5	39.7

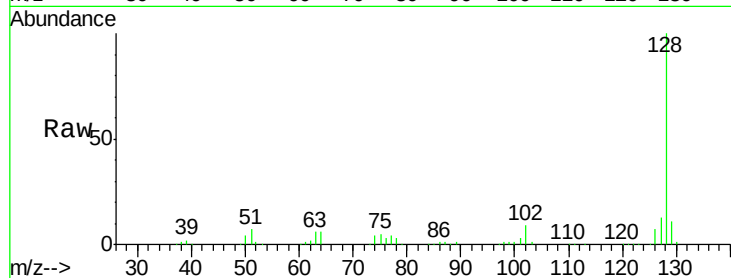




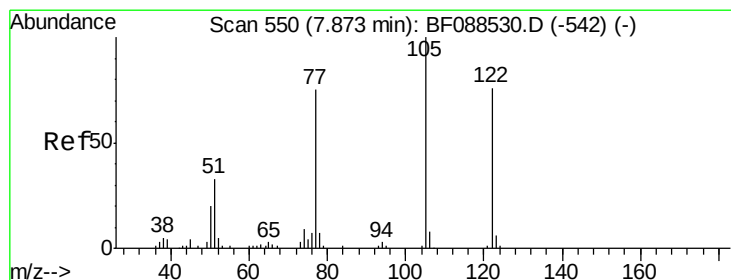
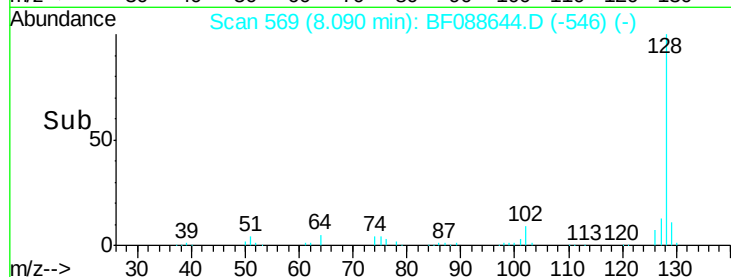
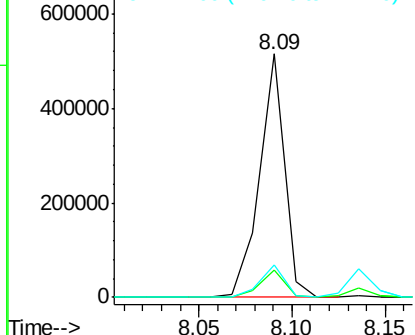
#31
Naphthalene
Concen: 23.12 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 475305
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.3 10.9 16.3

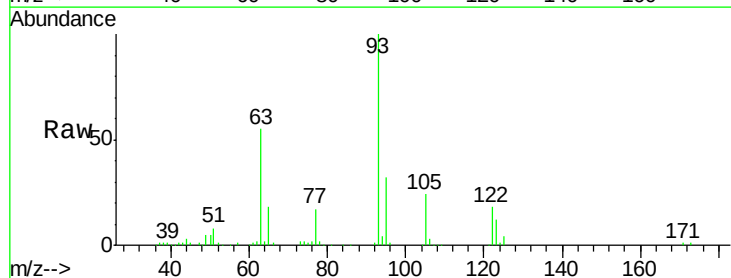


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

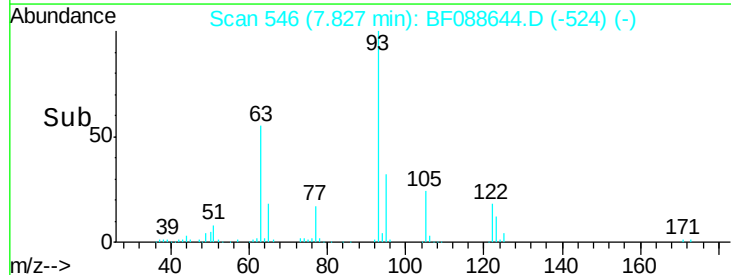
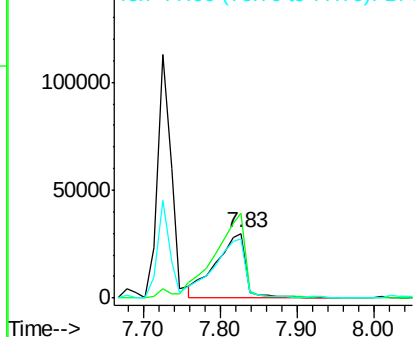


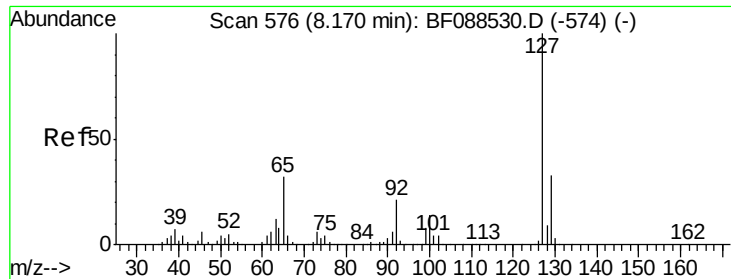
#32
Benzoic acid
Concen: 16.77 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion:122 Resp: 83416
Ion Ratio Lower Upper
122 100
105 131.1 101.6 141.6
77 92.6 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

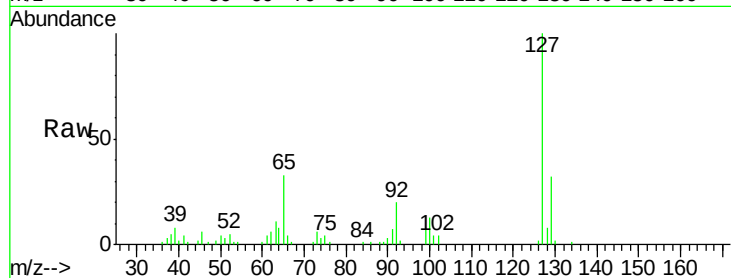




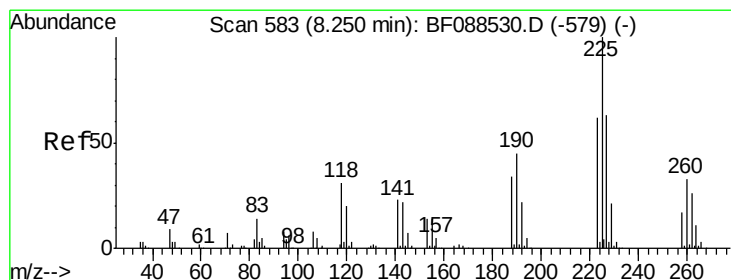
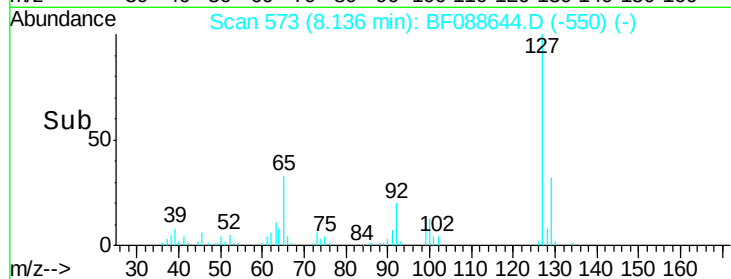
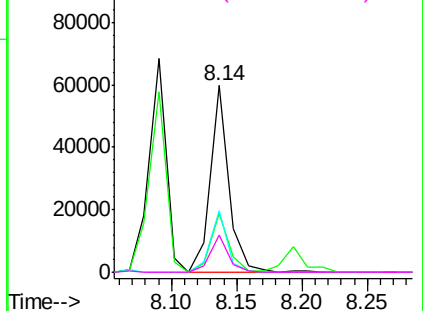
#33
4-Chloroaniline
Concen: 6.45 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	59025
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	33.0	24.7	37.1
92	20.3	15.4	23.0

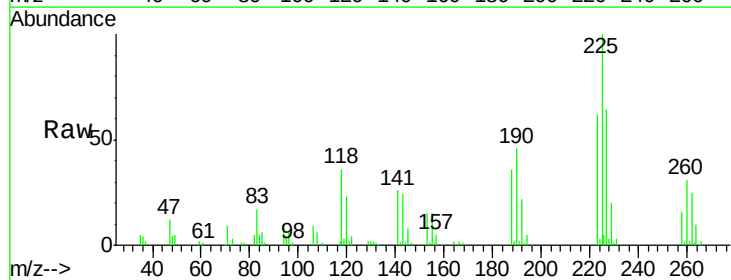


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

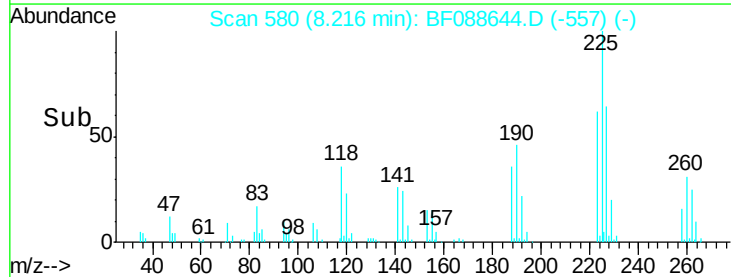
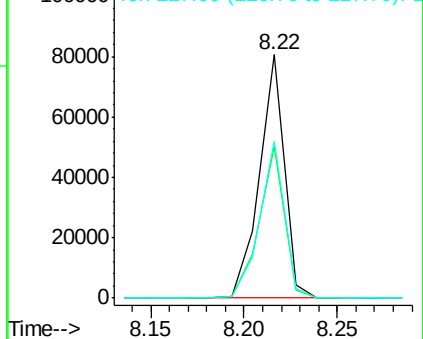


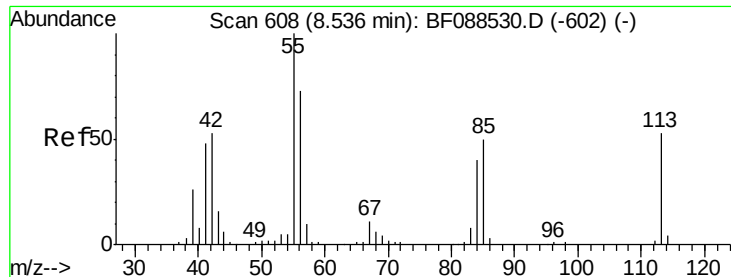
#34
Hexachlorobutadiene
Concen: 22.68 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion:	225	Resp:	73786
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	64.2	51.9	77.9



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





#35

Caprolactam

Concen: 9.91 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.06 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampled :

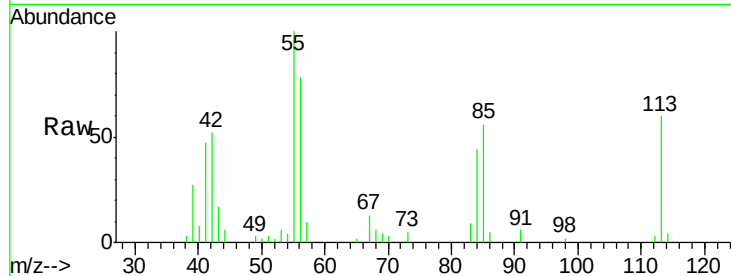
Tot Ion:113 Resp: 18635

Ion Ratio Lower Upper

113 100

55 166.5 158.6 198.6

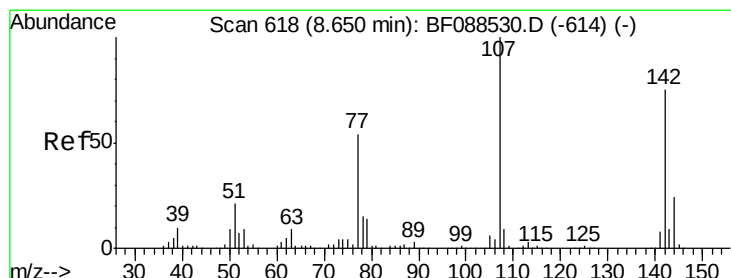
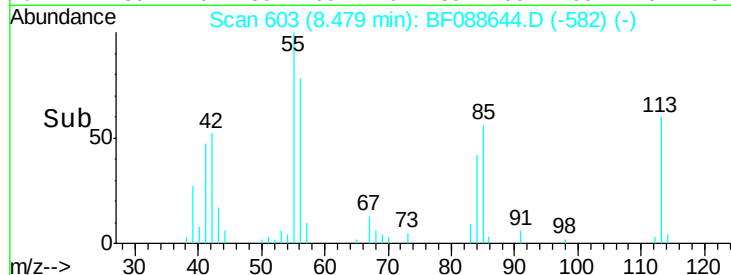
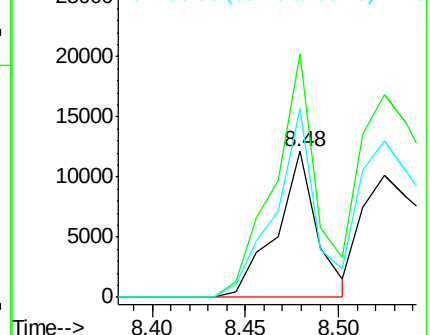
56 129.2 110.6 150.6



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: 22.49 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

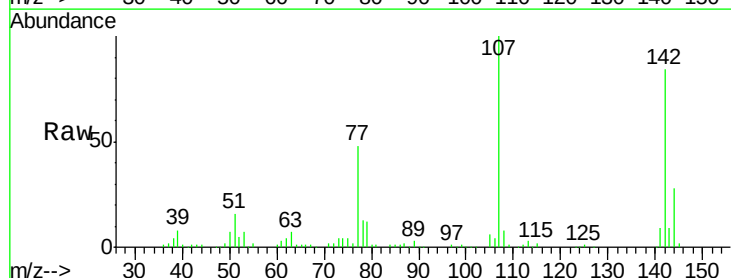
Tgt Ion:107 Resp: 147237

Ion Ratio Lower Upper

107 100

144 27.5 20.8 31.2

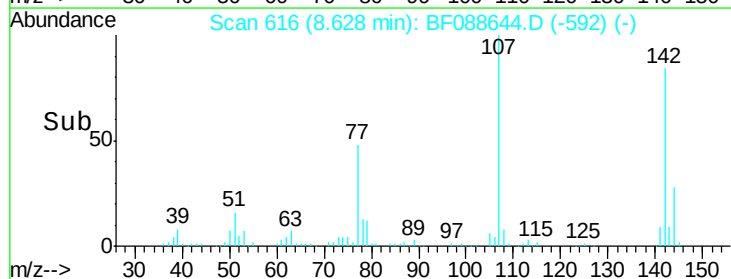
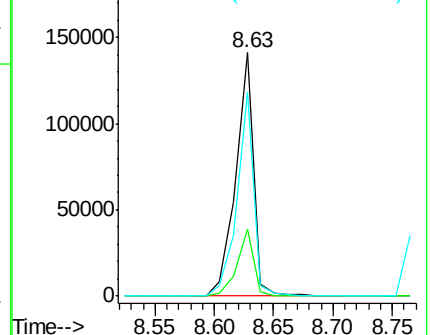
142 84.0 63.4 95.2

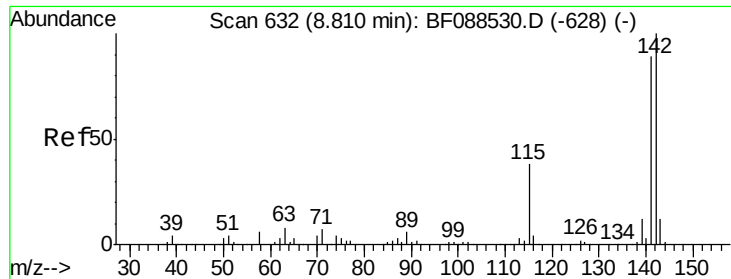


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

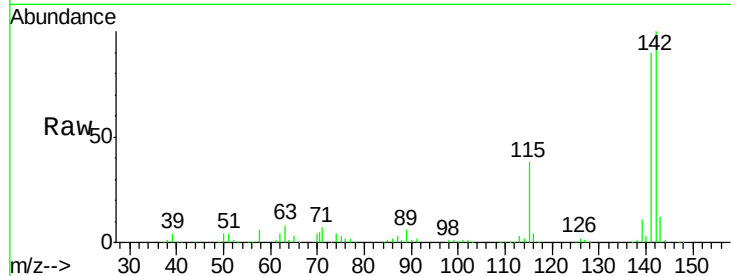




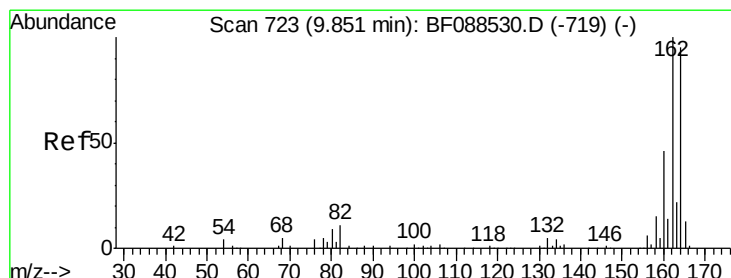
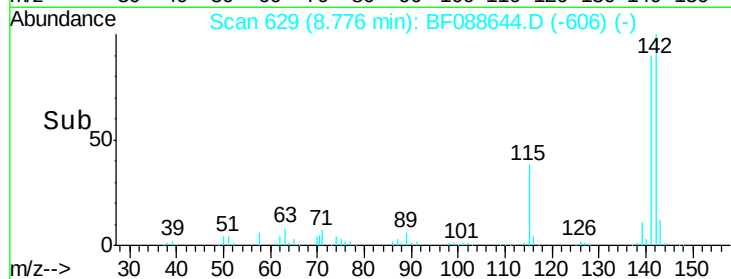
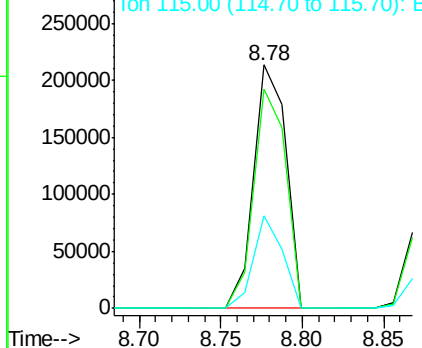
#37
 2-Methylnaphthalene
 Concen: 22.21 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	38.2	22.6	33.8

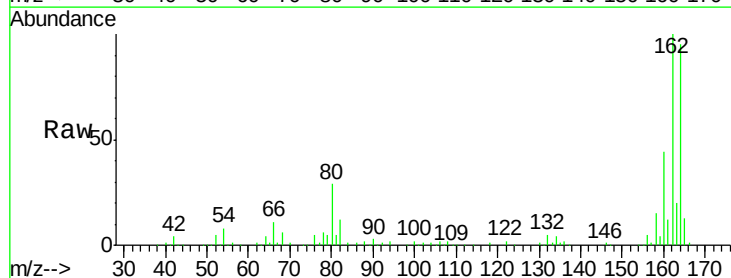


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

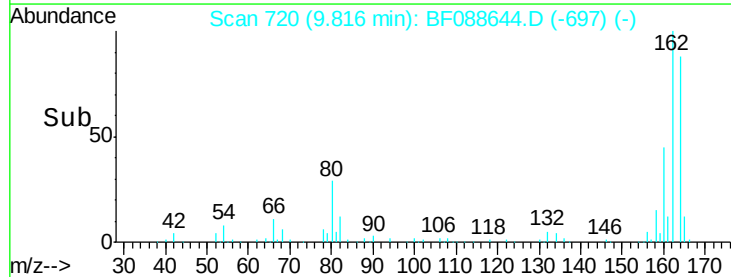
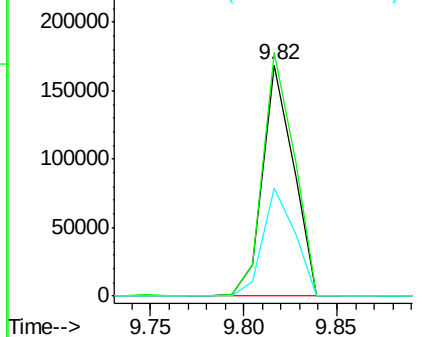


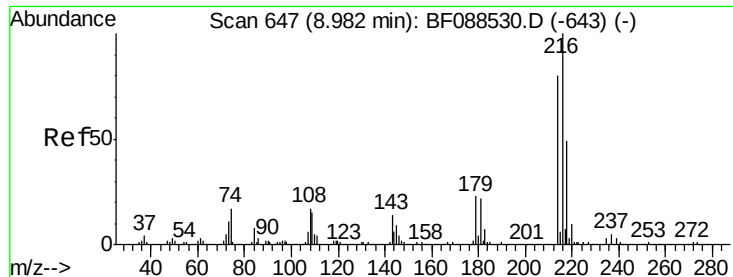
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	46.8	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: 19.08 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 121648

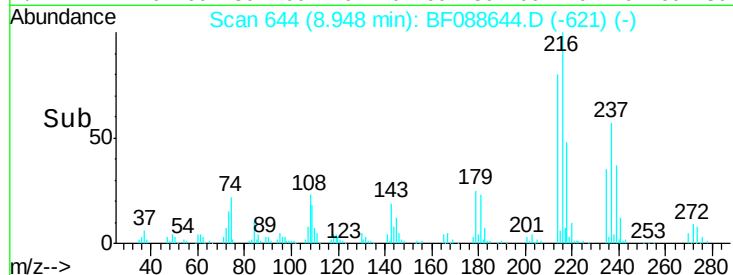
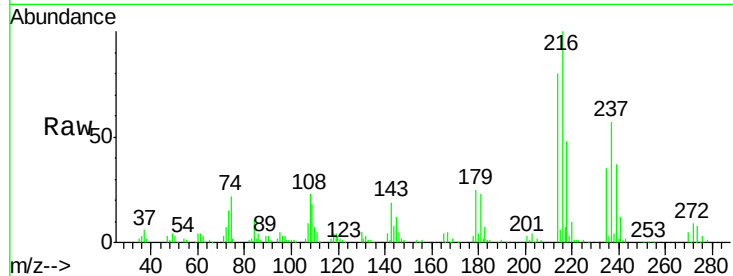
Ion Ratio Lower Upper

216 100

214 80.1 2.9 4.3#

179 24.0 0.0 0.0#

108 28.7 0.5 0.7#

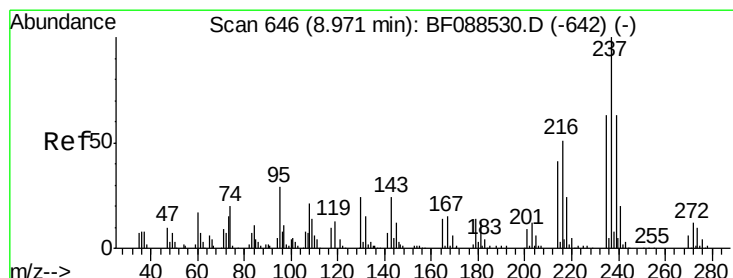
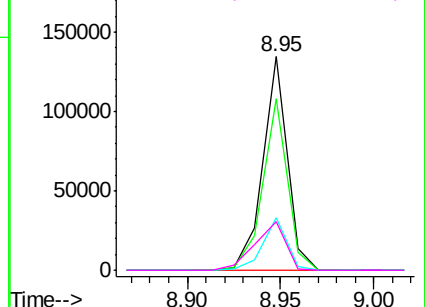


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.95 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

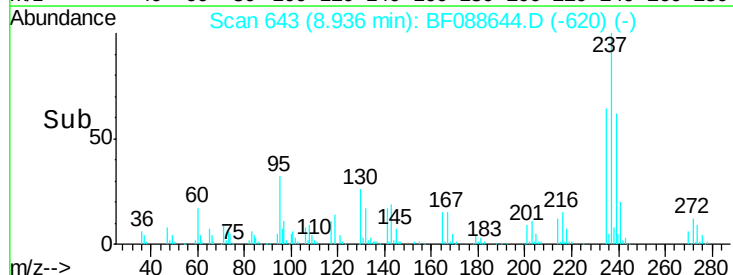
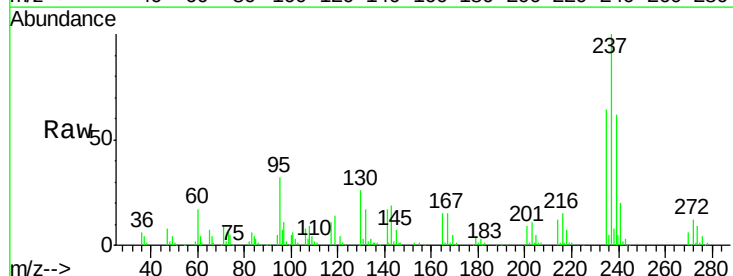
Tgt Ion:237 Resp: 206377

Ion Ratio Lower Upper

237 100

235 63.7 43.4 83.4

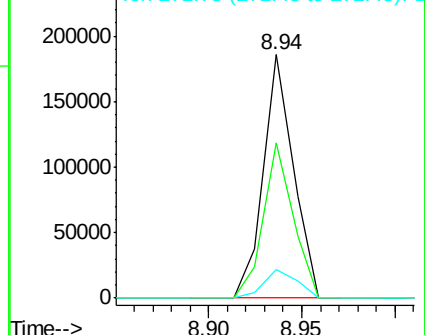
272 11.8 0.0 32.3

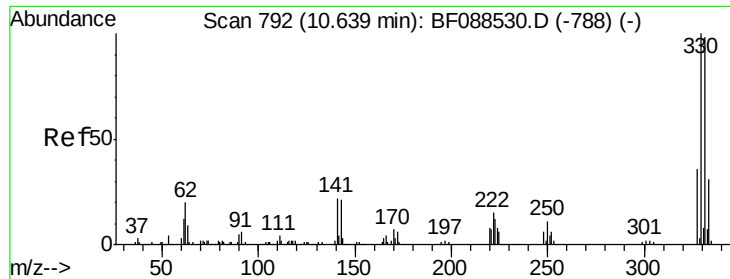


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

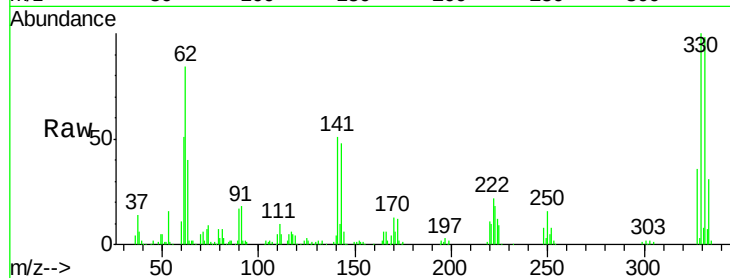




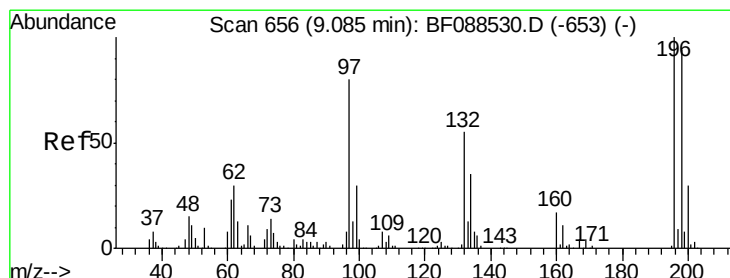
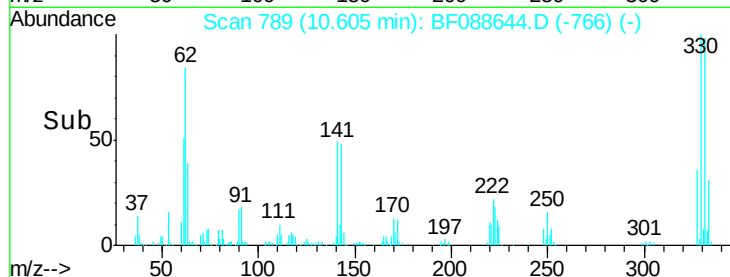
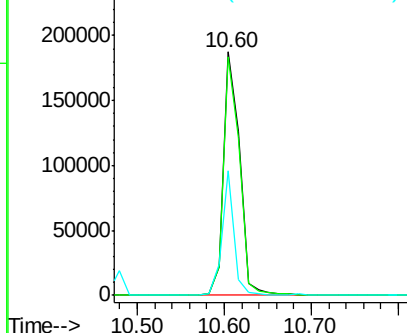
#41
 2,4,6-Tribromophenol
 Concen: 137.24 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 244270
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 39.0 0.0 0.0#

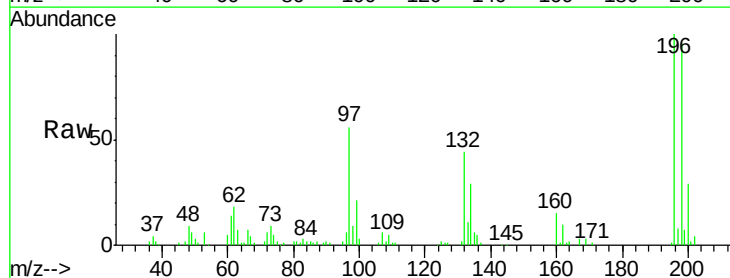


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

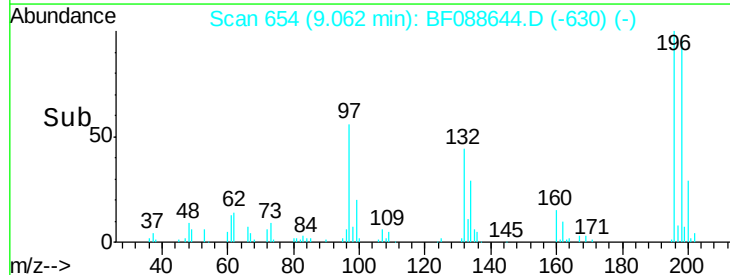
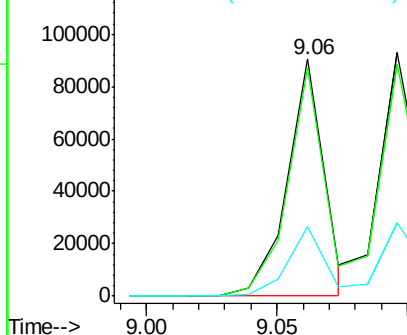


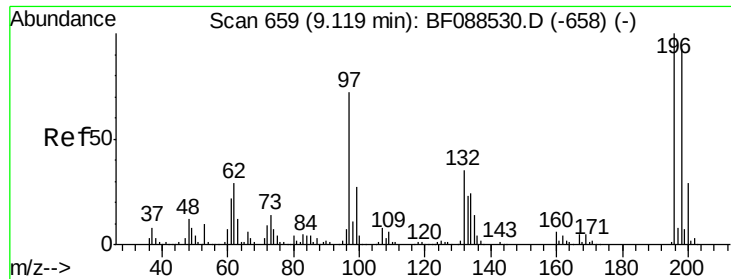
#42
 2,4,6-Trichlorophenol
 Concen: 20.95 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:196 Resp: 88071
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.0 117.0
 200 29.5 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

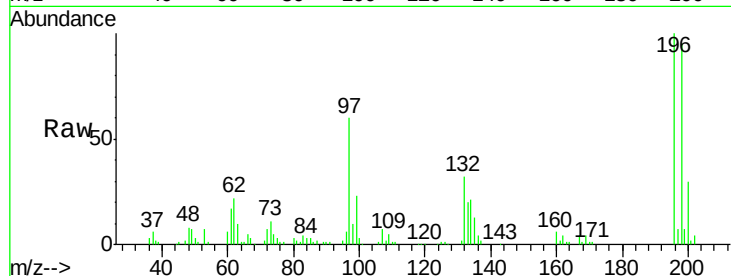




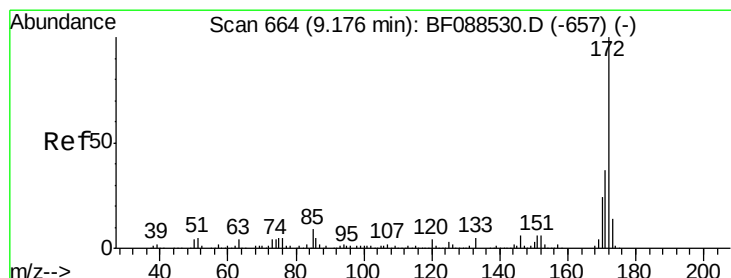
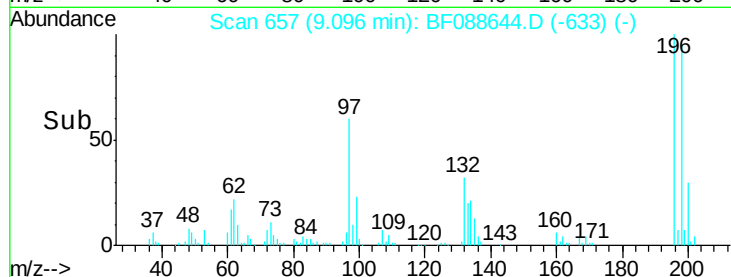
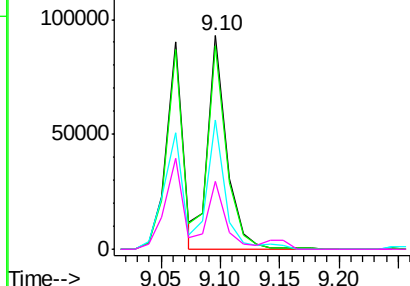
#43
 2,4,5-Trichlorophenol
 Concen: 28.45 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.5	116.3
97	60.3	32.0	48.0#
132	32.0	20.9	31.3#

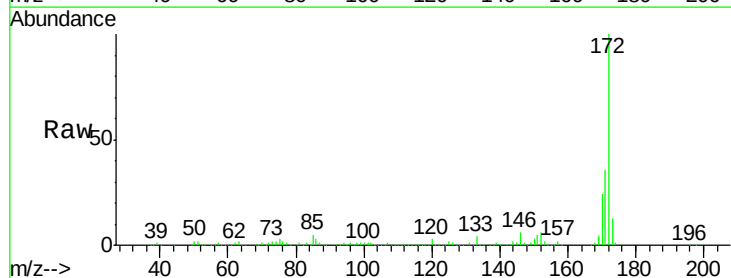


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

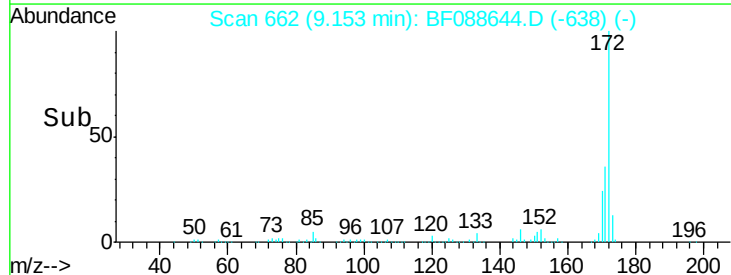
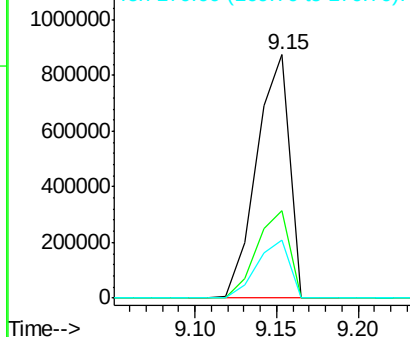


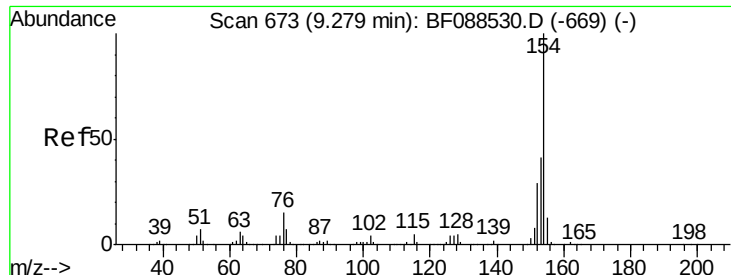
#44
 2-Fluorobiphenyl
 Concen: 100.35 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	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: 23.92 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

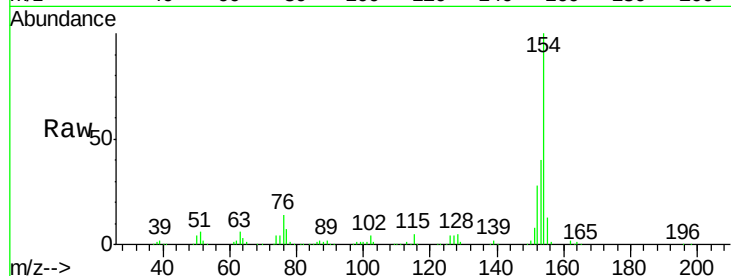
Tot Ion:154 Resp: 379732

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

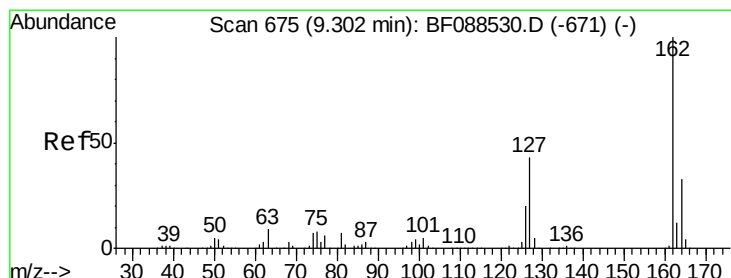
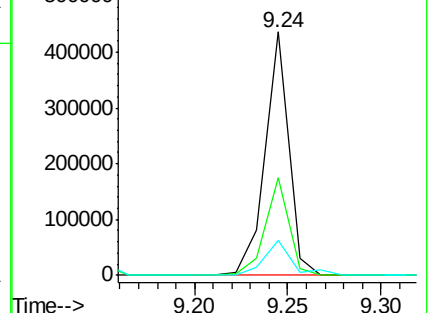
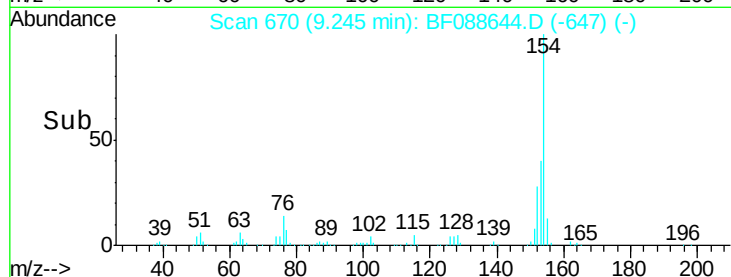
76 14.4 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 23.42 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

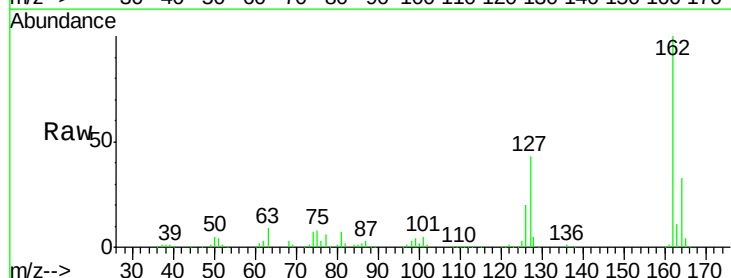
Tgt Ion:162 Resp: 291758

Ion Ratio Lower Upper

162 100

127 42.9 35.2 52.8

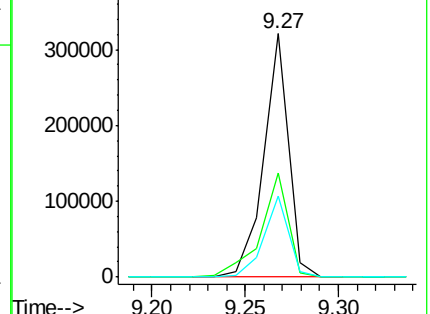
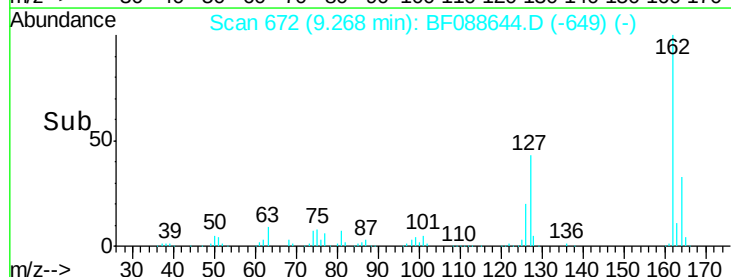
164 33.2 26.6 39.8

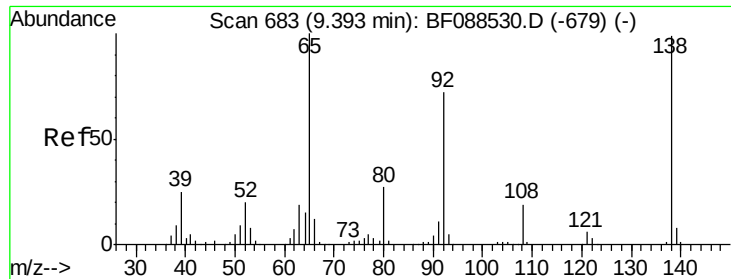


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

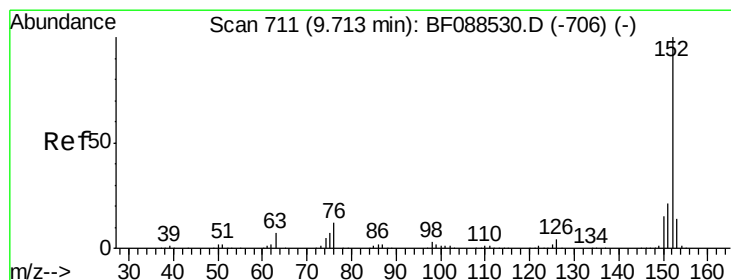
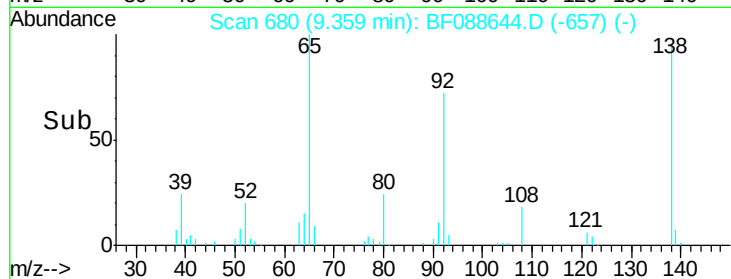
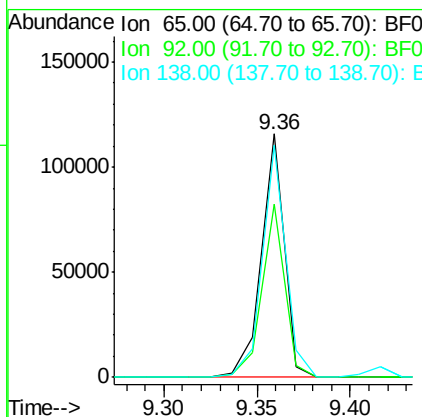
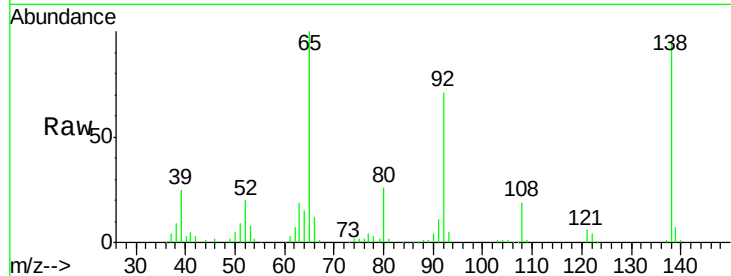




#47
 2-Nitroaniline
 Concen: 22.04 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

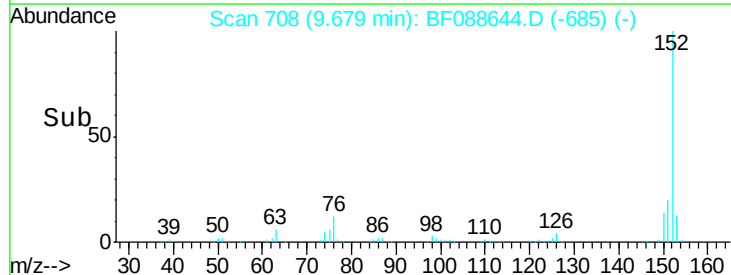
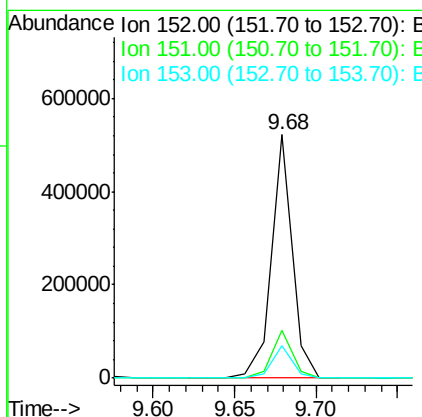
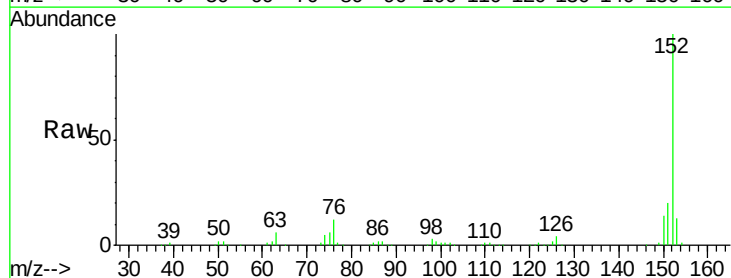
Instrument :
 BNA_F
 ClientSampleId :

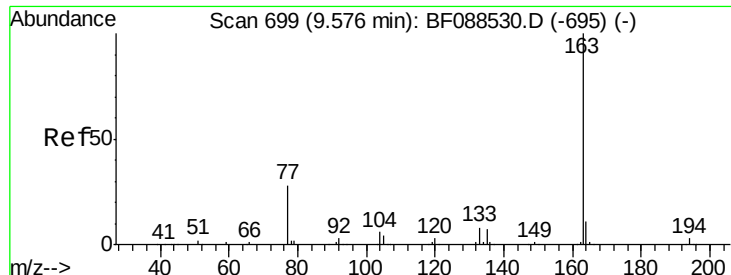
Tot Ion: 65 Resp: 97472
 Ion Ratio Lower Upper
 65 100
 92 71.2 54.6 82.0
 138 95.3 77.0 115.4



#48
 Acenaphthylene
 Concen: 23.42 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion: 152 Resp: 464286
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.2 24.4
 153 13.2 11.0 16.6





#49

Dimethylphthalate

Concen: 23.46 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

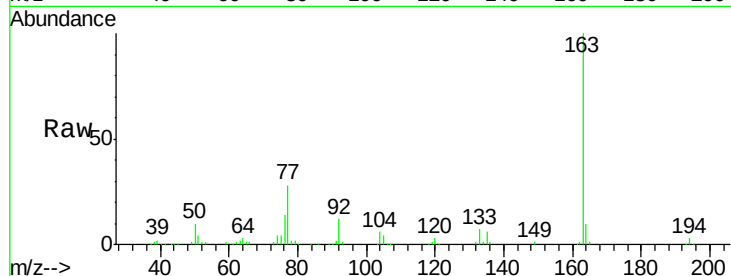
Tot Ion:163 Resp: 320402

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

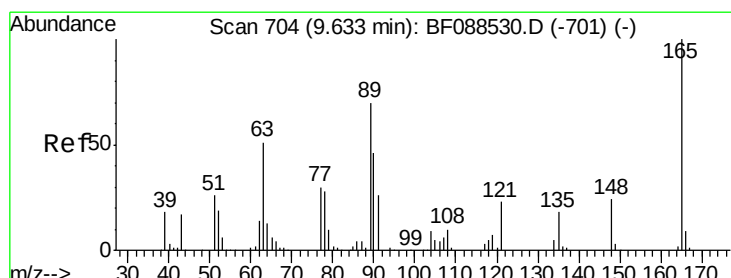
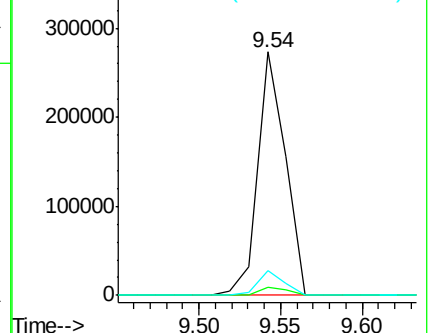
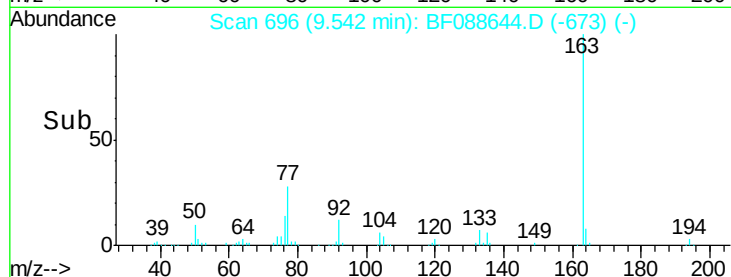
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 23.44 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

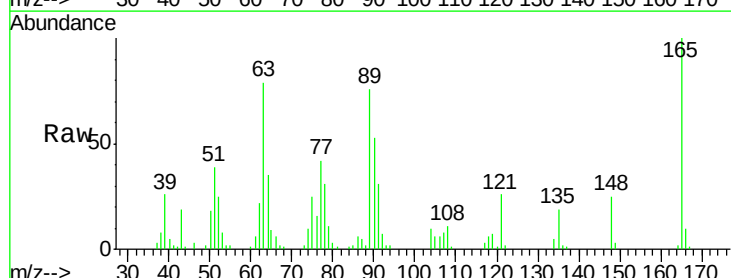
Tgt Ion:165 Resp: 70943

Ion Ratio Lower Upper

165 100

63 79.5 28.1 42.1#

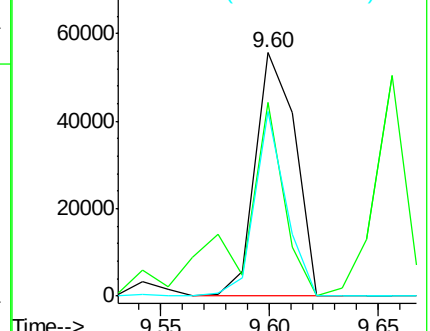
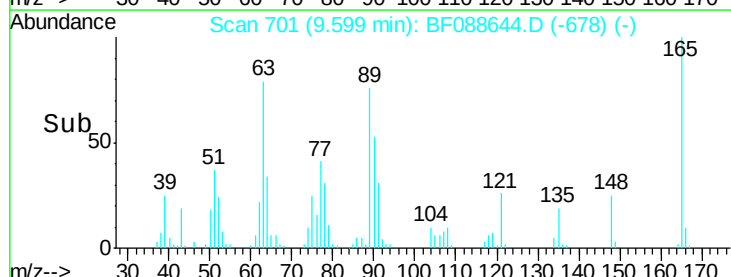
89 76.1 32.2 48.2#

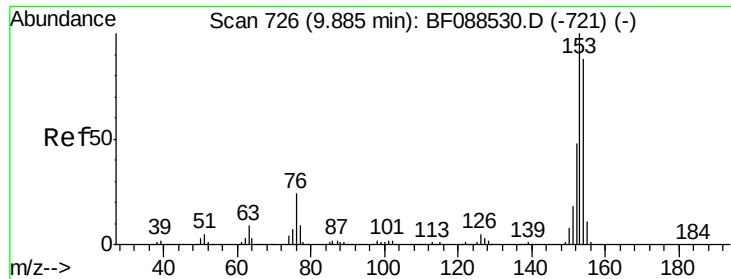


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.40 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

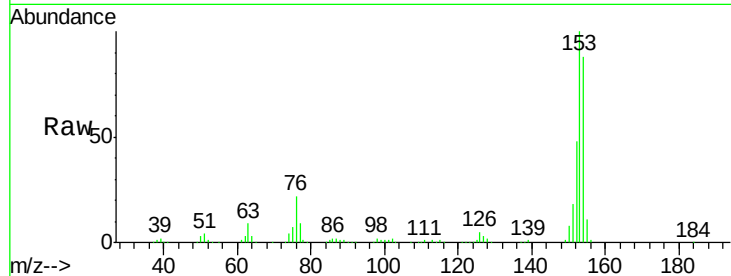
Tot Ion:154 Resp: 320867

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

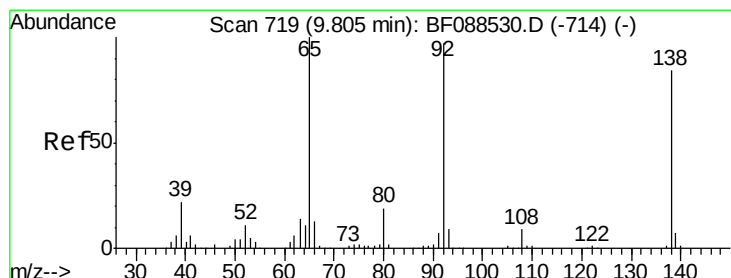
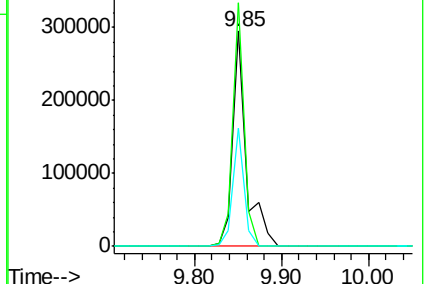
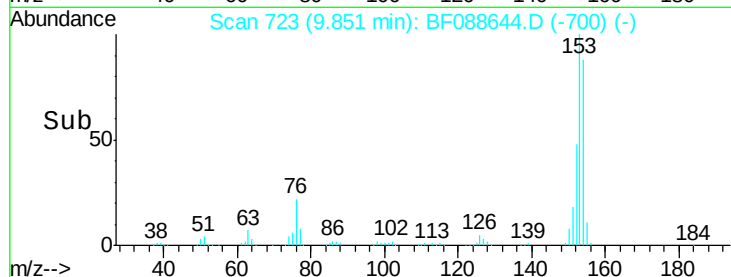
152 54.7 42.7 64.1



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: 10.81 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

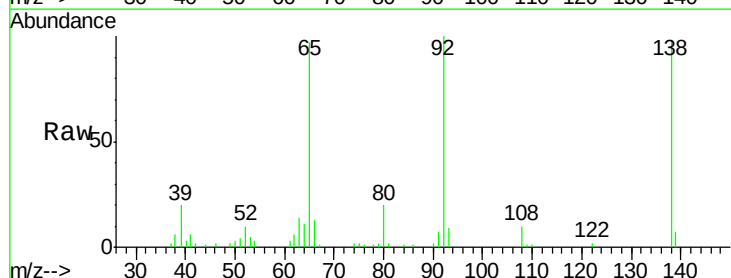
Tgt Ion:138 Resp: 41584

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

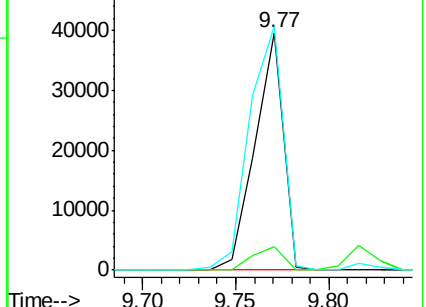
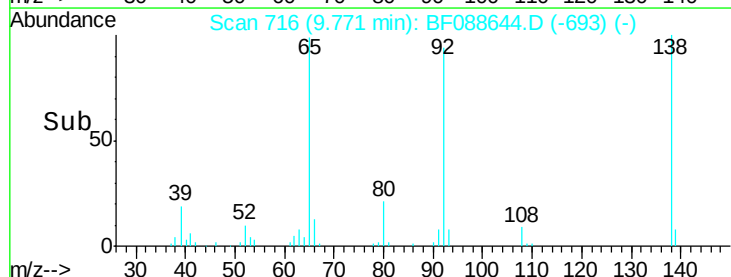
92 102.5 95.7 143.5

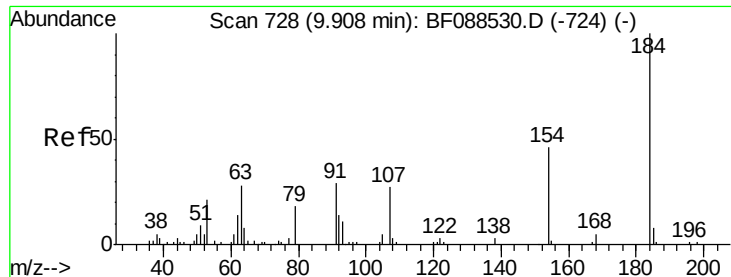


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

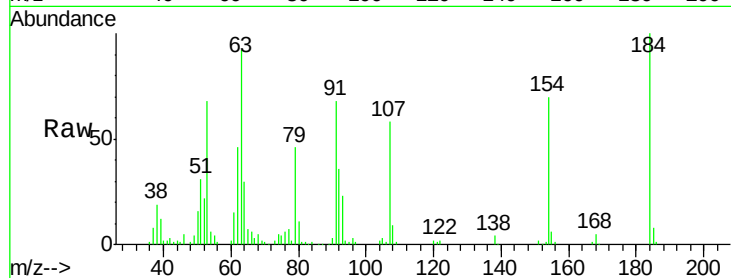




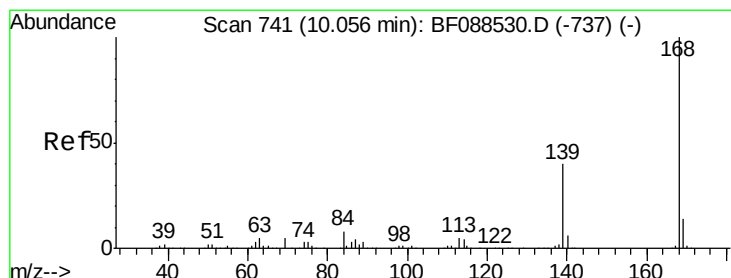
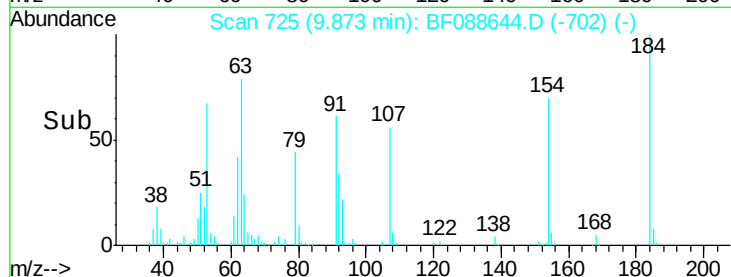
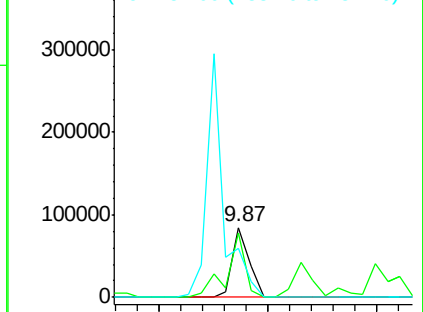
#53
 2,4-Dinitrophenol
 Concen: 68.39 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 91391
 Ion Ratio Lower Upper
 184 100
 63 91.8 57.6 86.4#
 154 70.0 53.5 80.3

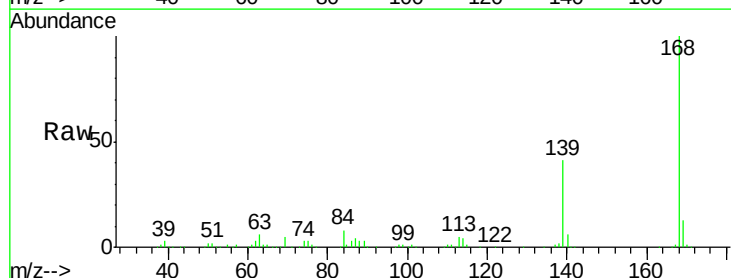


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

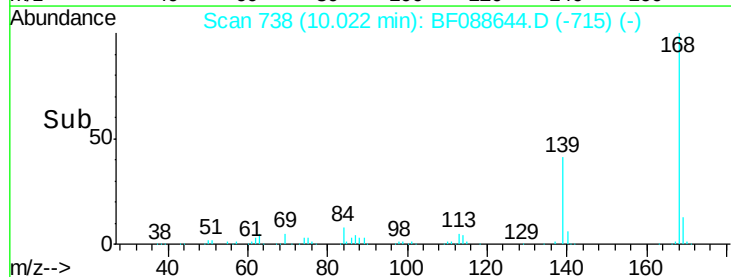
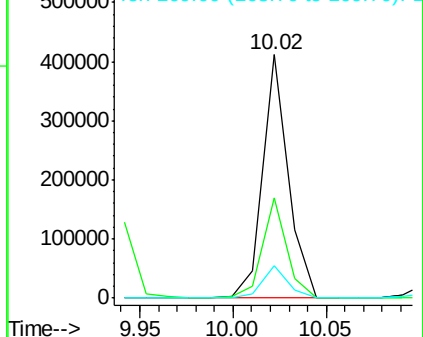


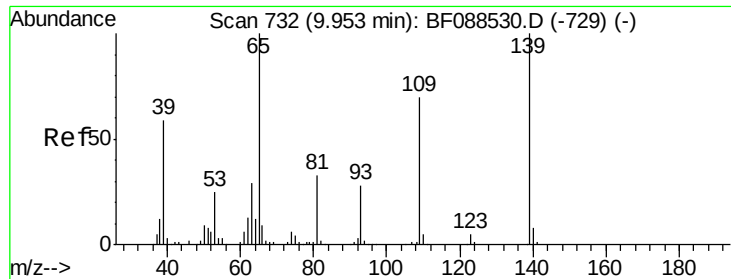
#54
 Dibenzofuran
 Concen: 24.81 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:168 Resp: 394577
 Ion Ratio Lower Upper
 168 100
 139 41.3 26.4 39.6#
 169 13.5 10.4 15.6



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

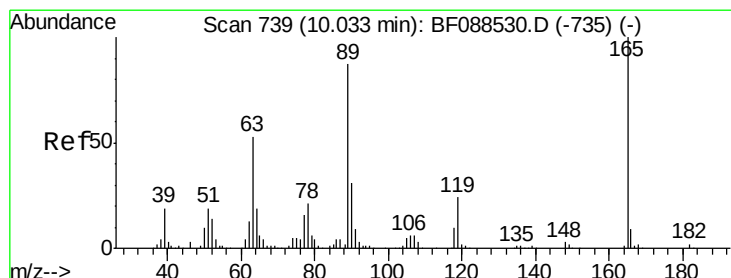
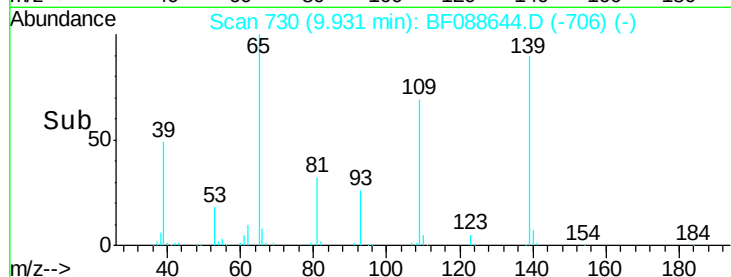
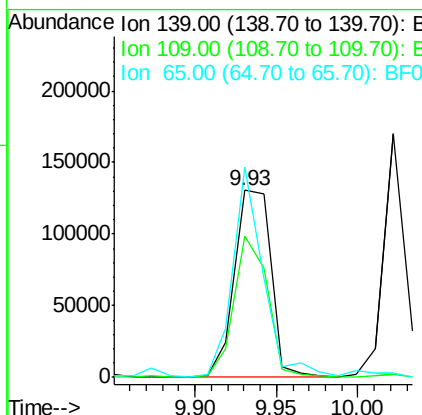
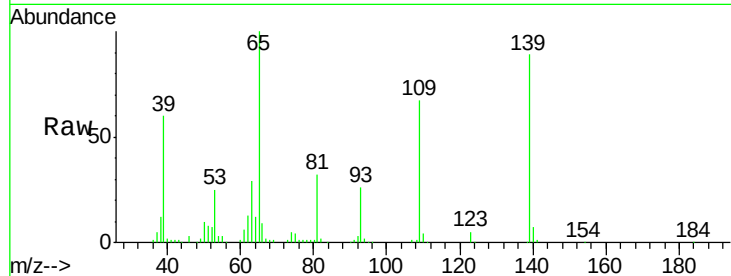




#55
4-Nitrophenol
Concen: 69.48 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

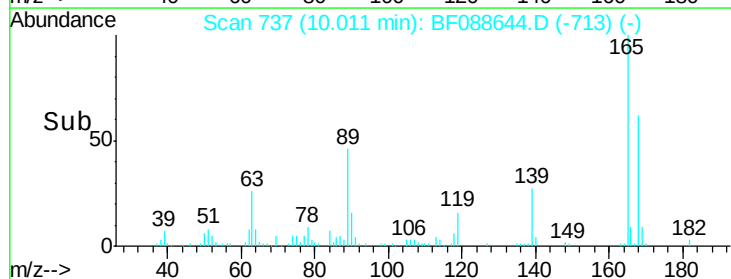
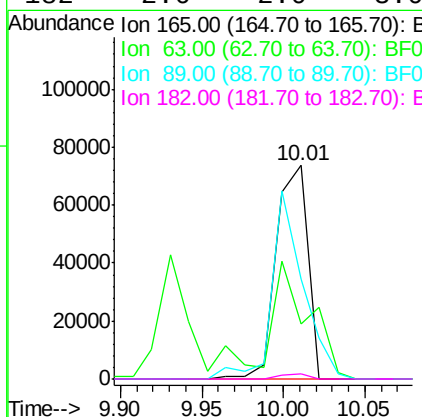
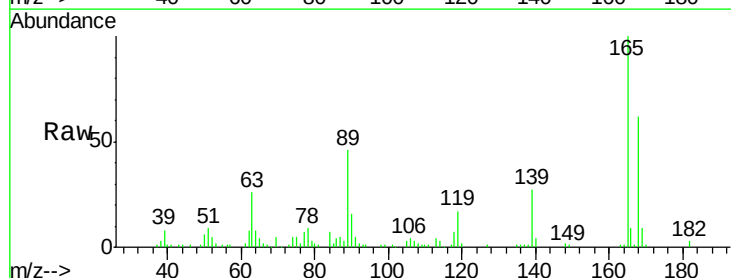
Instrument :
BNA_F
ClientSampled :

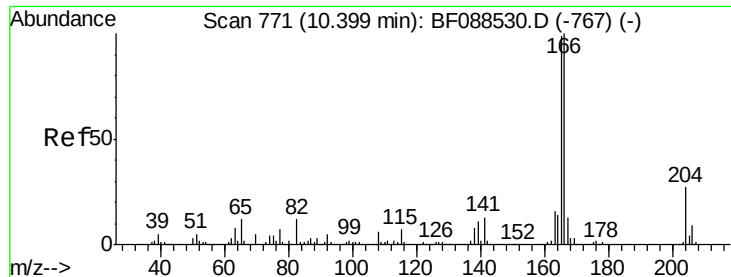
Tot Ion:139 Resp: 203150
Ion Ratio Lower Upper
139 100
109 75.9 48.9 88.9
65 112.7 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 25.09 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion:165 Resp: 99277
Ion Ratio Lower Upper
165 100
63 25.6 22.0 33.0
89 46.5 41.1 61.7
182 2.6 2.0 3.0

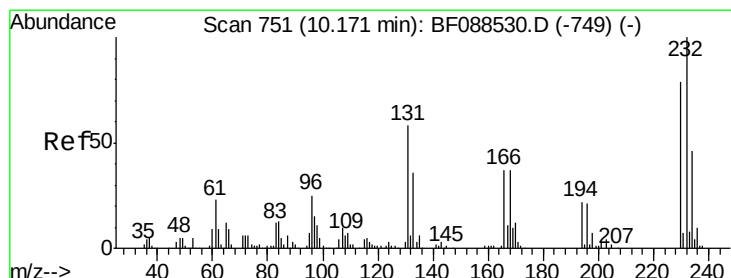
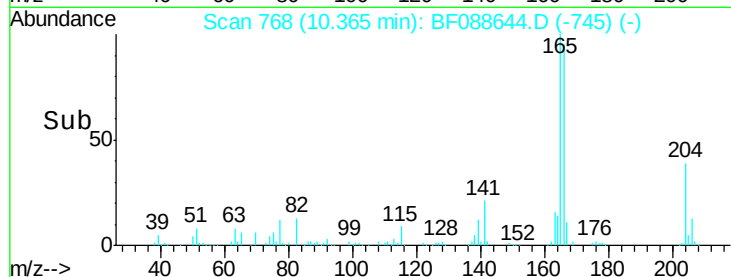
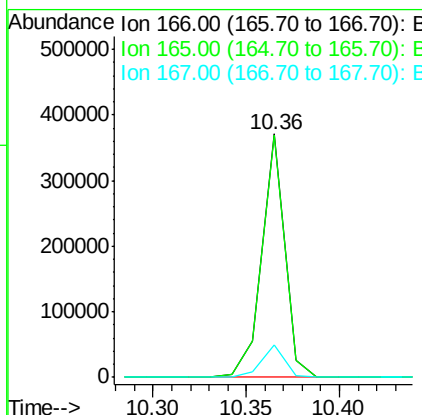
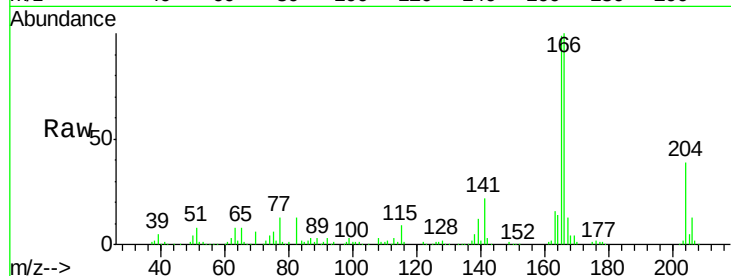




#57
 Fluorene
 Concen: 25.61 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

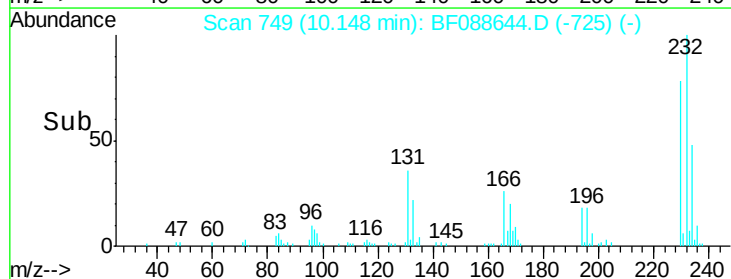
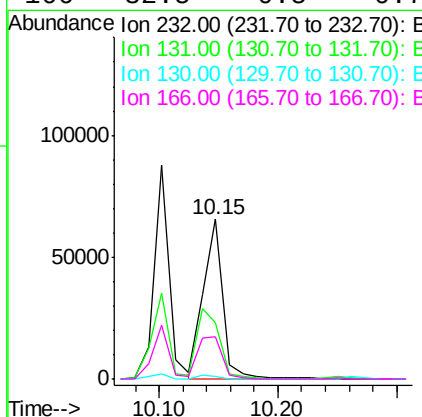
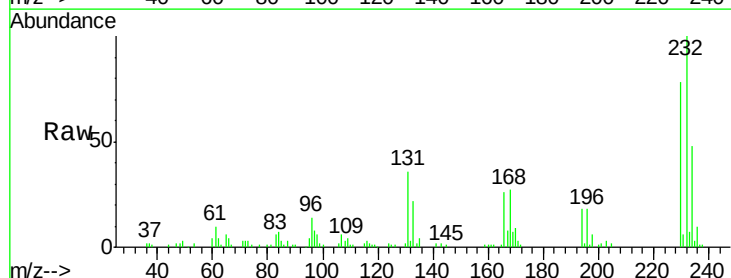
Instrument :
 BNA_F
 ClientSampleId :

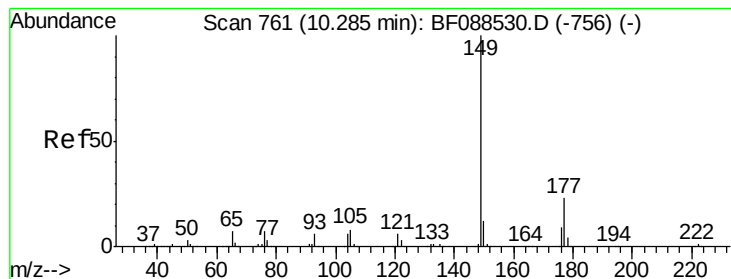
Tot Ion:166 Resp: 313952
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.4 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.08 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:232 Resp: 75774
 Ion Ratio Lower Upper
 232 100
 131 50.4 0.9 1.3#
 130 2.4 1.5 2.3#
 166 32.5 0.5 0.7#





#59

Diethylphthalate

Concen: 26.34 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

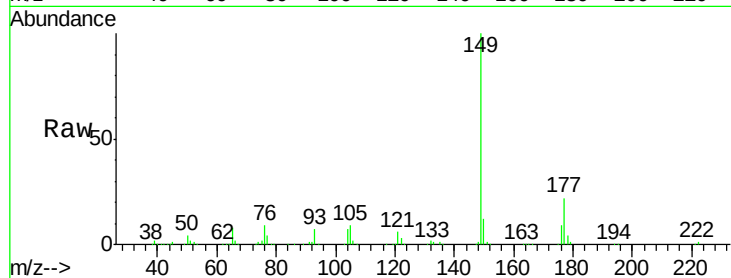
Tot Ion:149 Resp: 361021

Ion Ratio Lower Upper

149 100

177 21.9 16.9 25.3

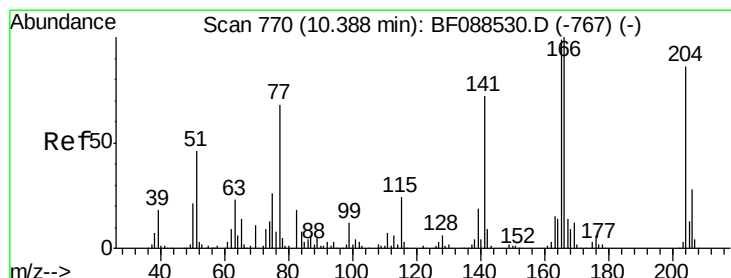
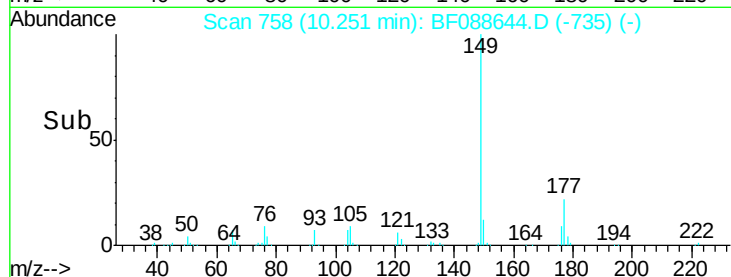
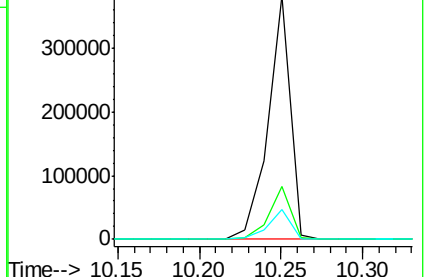
150 12.4 10.1 15.1



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: 24.95 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

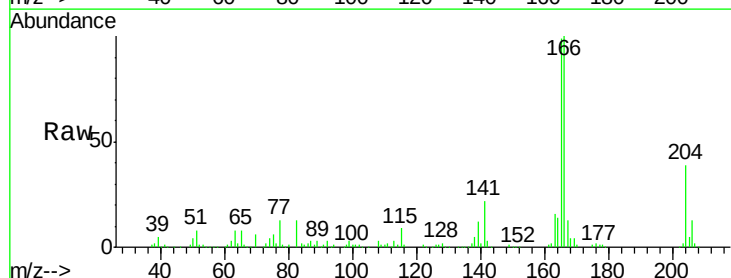
Tgt Ion:204 Resp: 142085

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

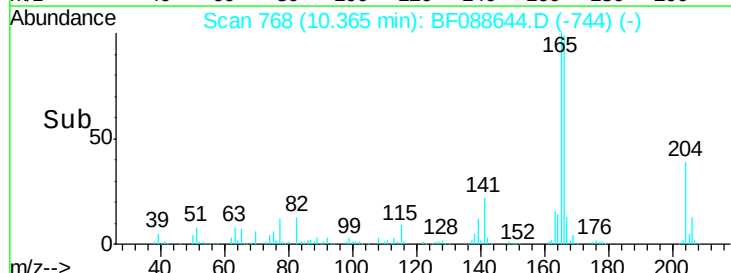
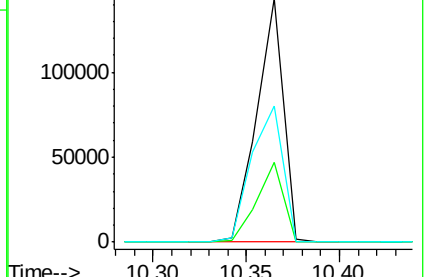
141 56.0 55.0 82.6

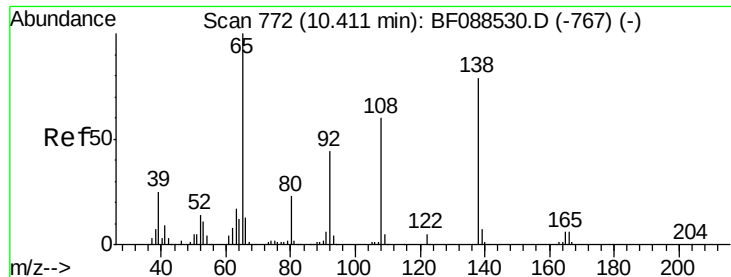


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

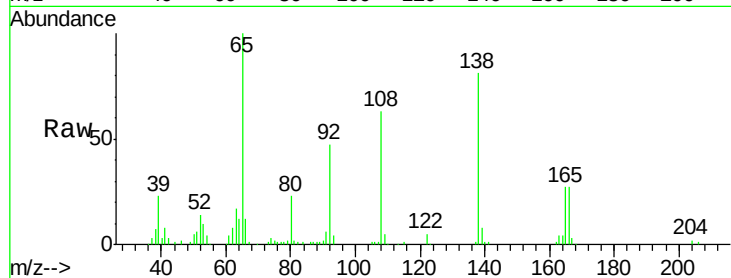




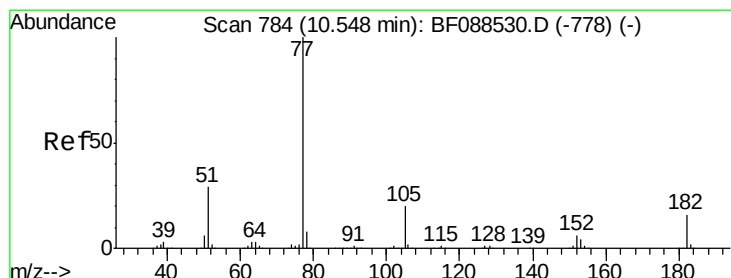
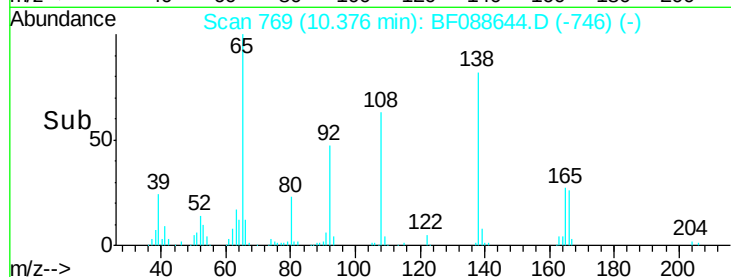
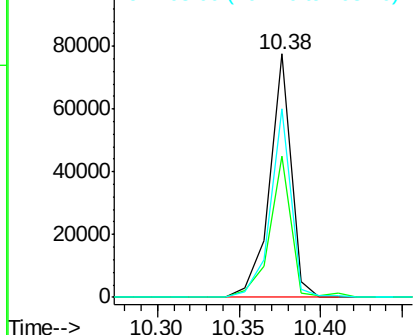
#61
4-Nitroaniline
Concen: 19.28 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 71386
Ion Ratio Lower Upper
138 100
92 57.8 27.3 67.3
108 77.2 46.7 86.7

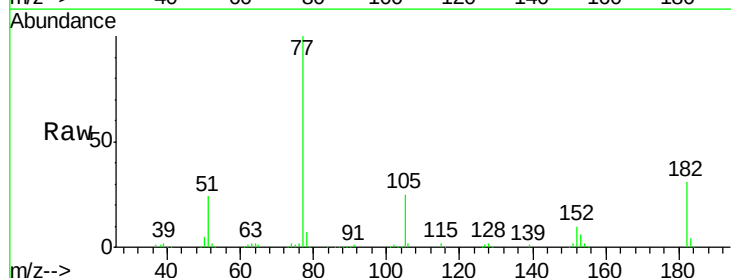


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

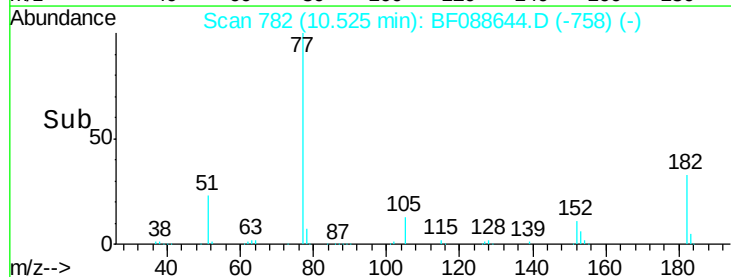
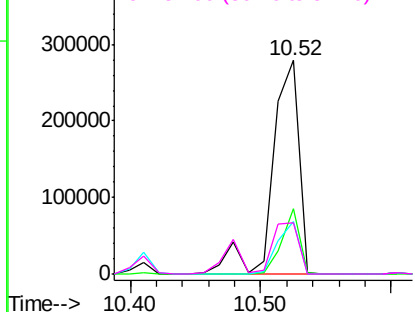


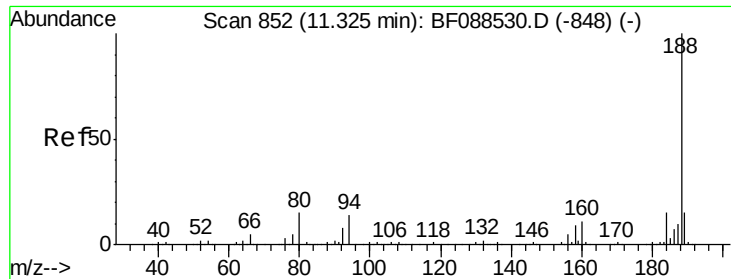
#62
Azobenzene
Concen: 25.47 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion: 77 Resp: 398092
Ion Ratio Lower Upper
77 100
182 30.7 4.4 44.4
105 24.7 3.8 43.8
51 24.1 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

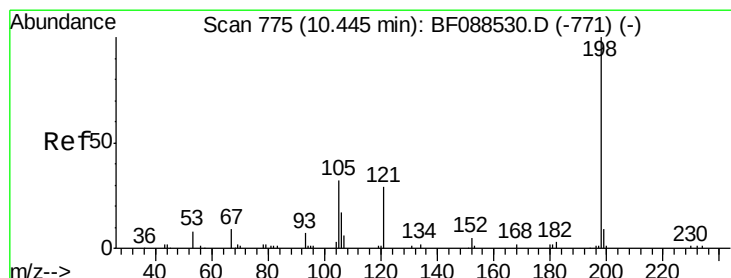
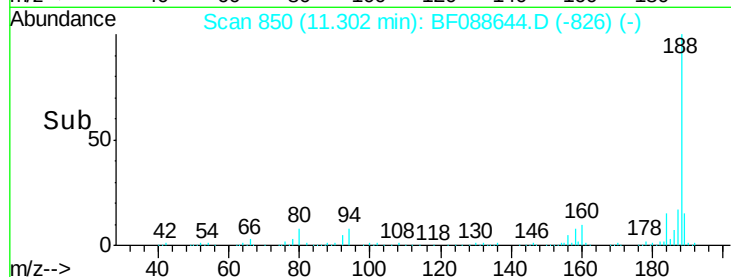
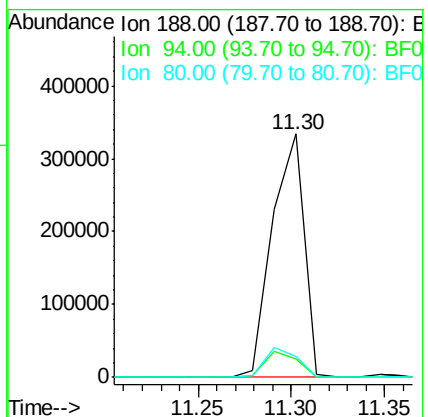
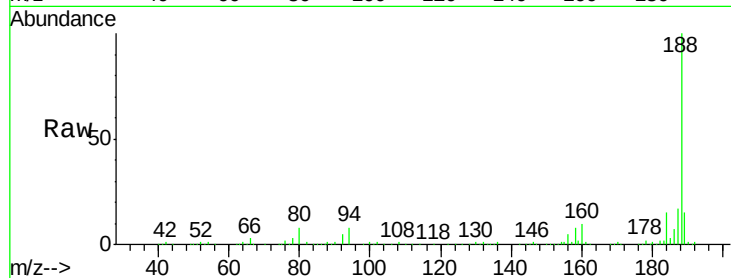




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

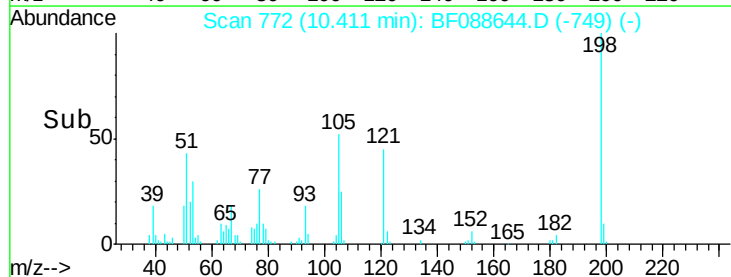
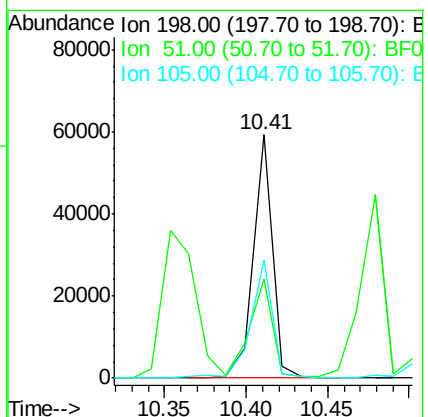
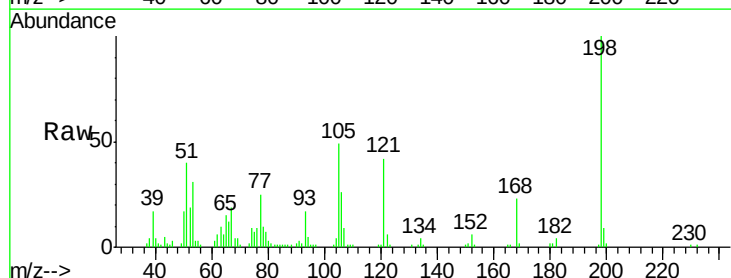
Instrument :
 BNA_F
 ClientSampleId :

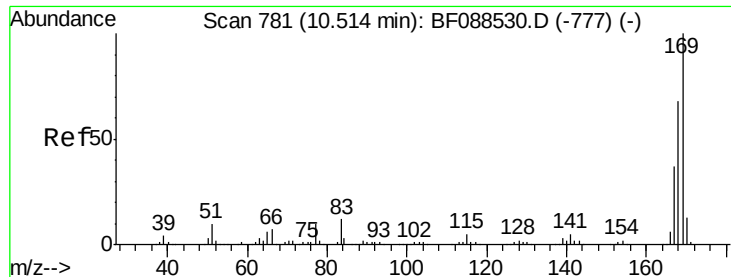
Tot Ion:188 Resp: 397582
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.6#
 80 8.3 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.70 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:198 Resp: 48277
 Ion Ratio Lower Upper
 198 100
 51 40.5 39.6 79.6
 105 48.6 36.6 76.6

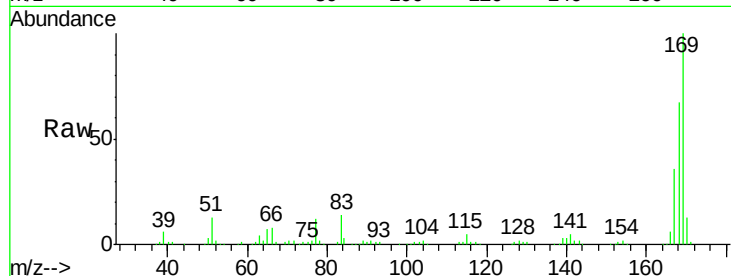




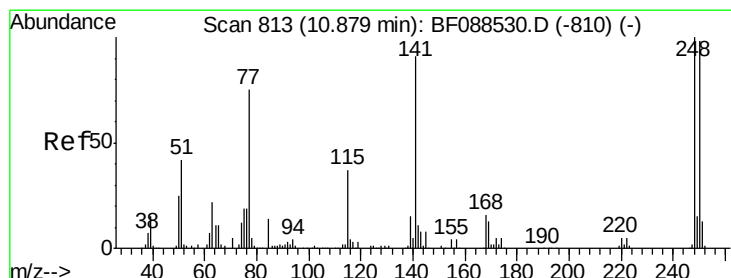
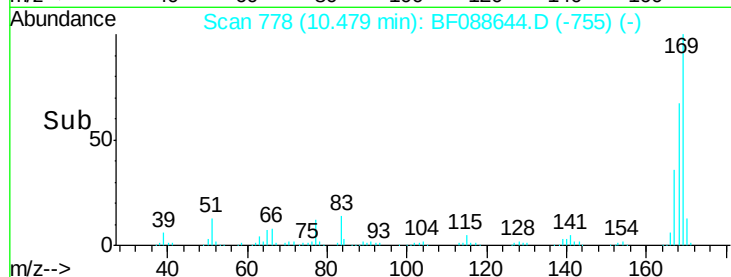
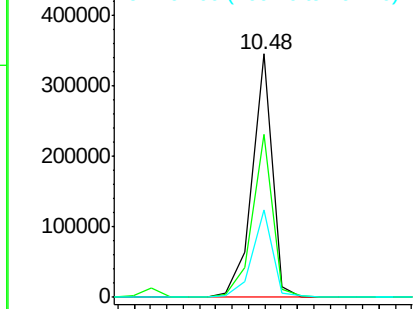
#65
n-Nitrosodiphenylamine
Concen: 21.96 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 295543
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 35.9 29.4 44.0

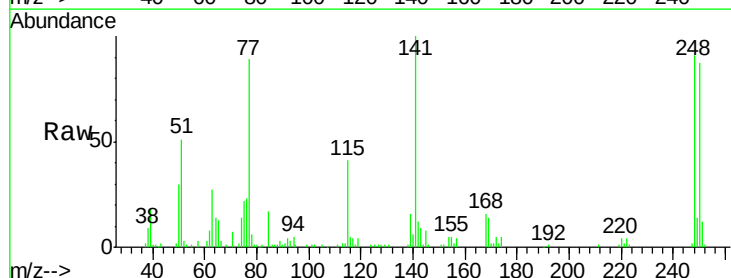


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

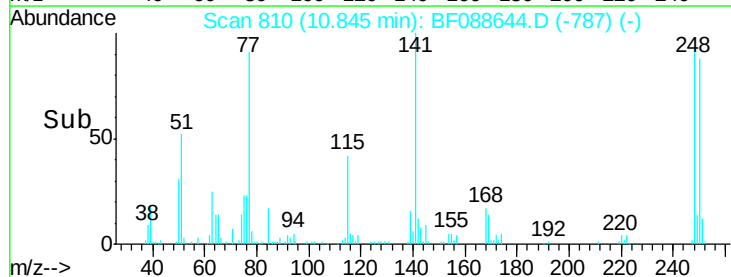
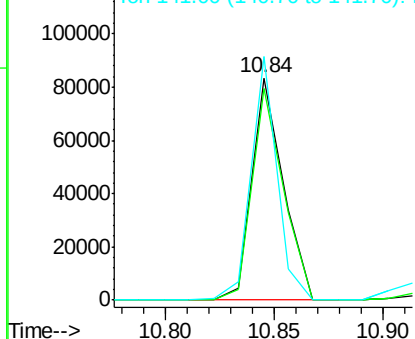


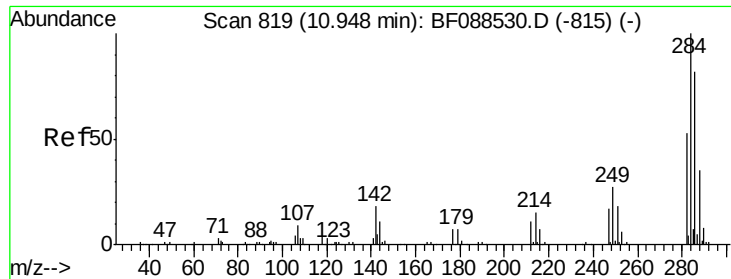
#66
4-Bromophenyl-phenylether
Concen: 20.81 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion:248 Resp: 83379
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 109.5 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: 21.69 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

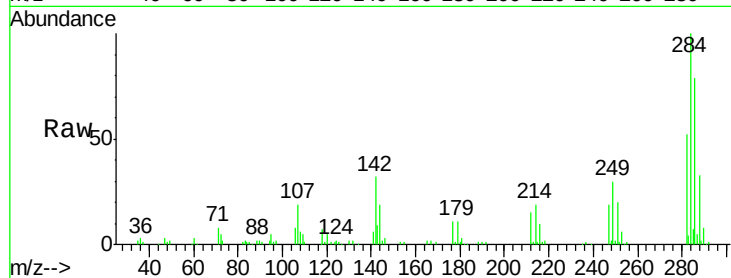
Tot Ion:284 Resp: 96197

Ion Ratio Lower Upper

284 100

142 31.8 35.8 53.8#

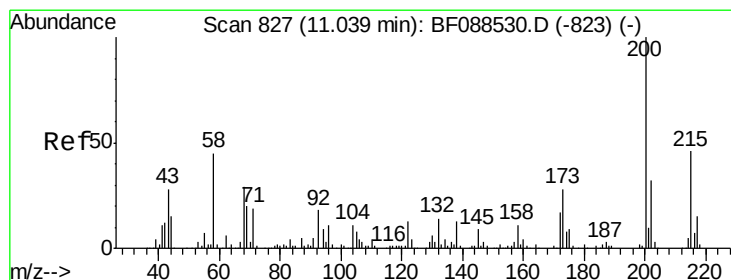
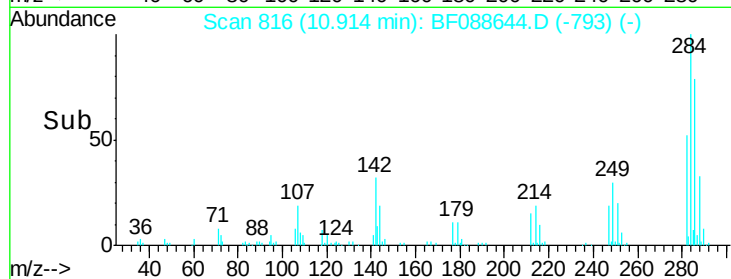
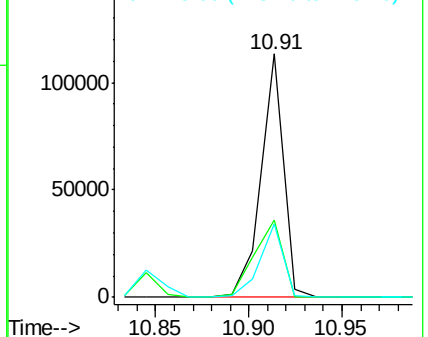
249 29.9 25.8 38.6



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: 20.96 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

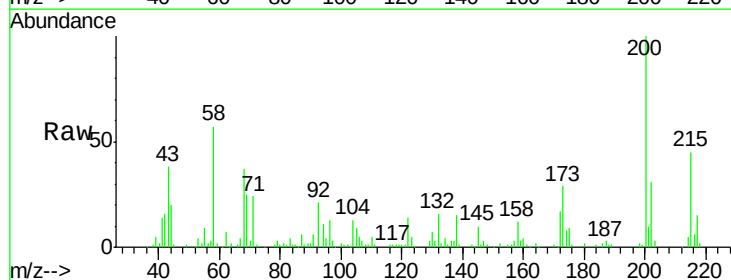
Tgt Ion:200 Resp: 87882

Ion Ratio Lower Upper

200 100

173 28.5 4.0 44.0

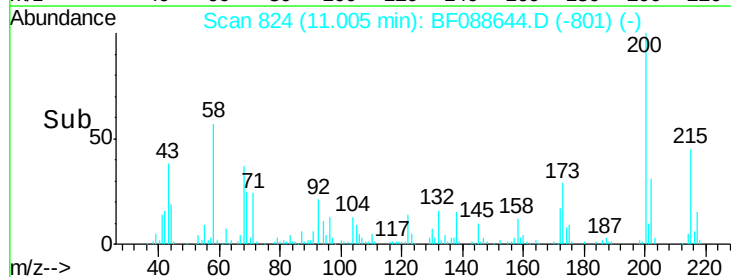
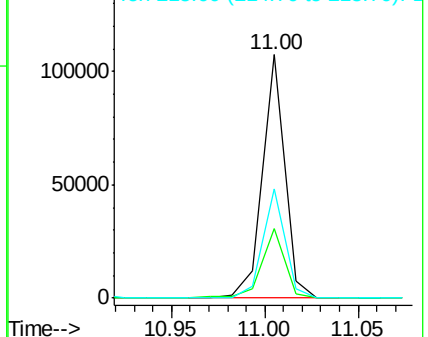
215 44.8 29.3 69.3

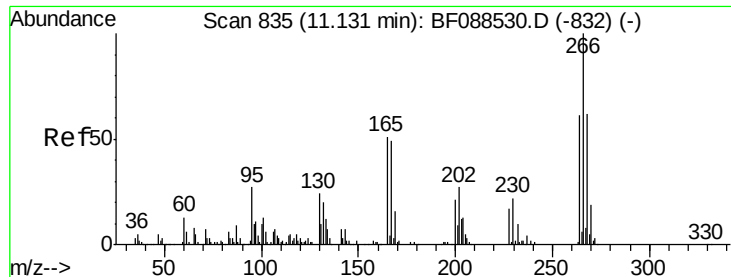


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

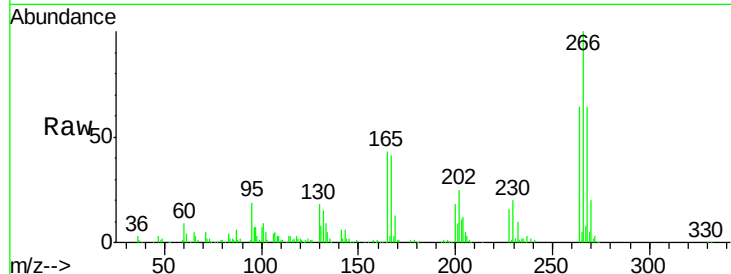




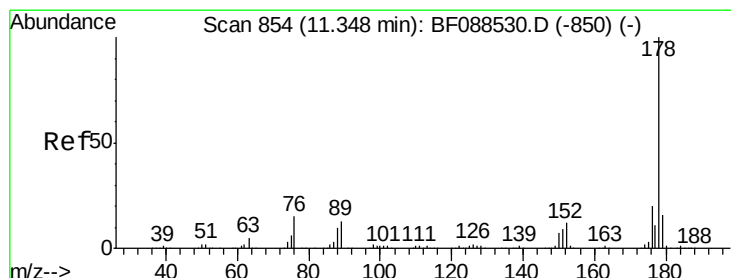
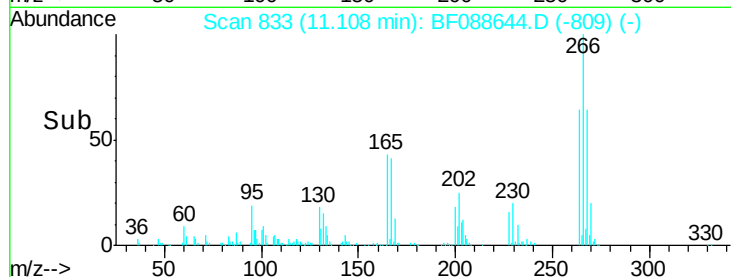
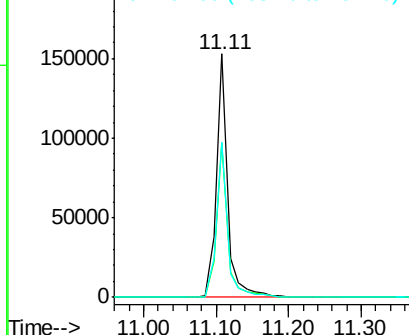
#69
 Pentachlorophenol
 Concen: 62.87 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 165028
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.8 79.2
 264 63.8 49.6 74.4

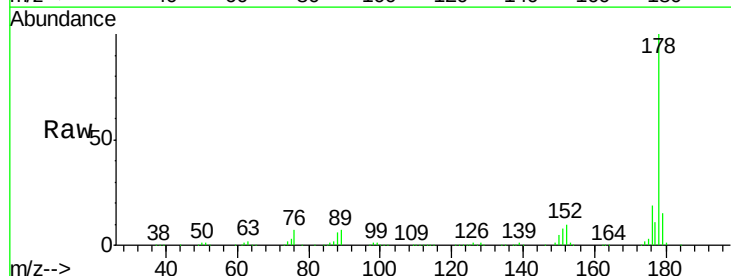


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

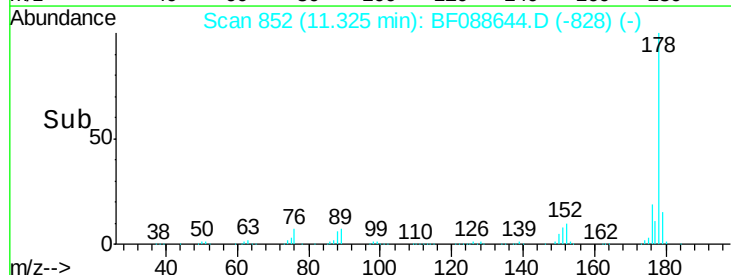
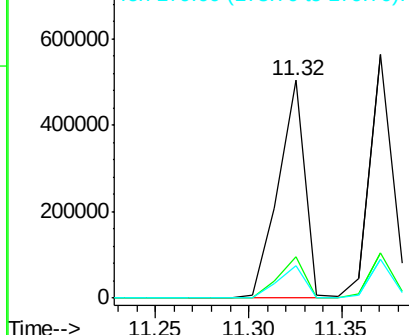


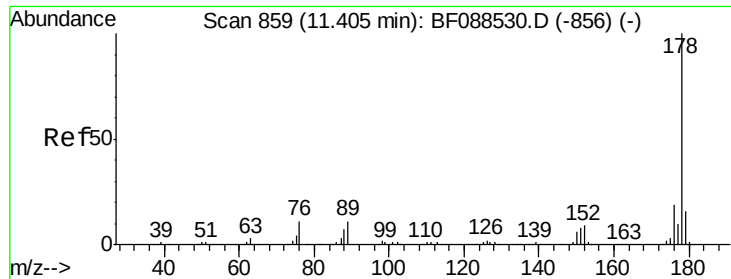
#70
 Phenanthrene
 Concen: 22.94 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:178 Resp: 498531
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.2 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

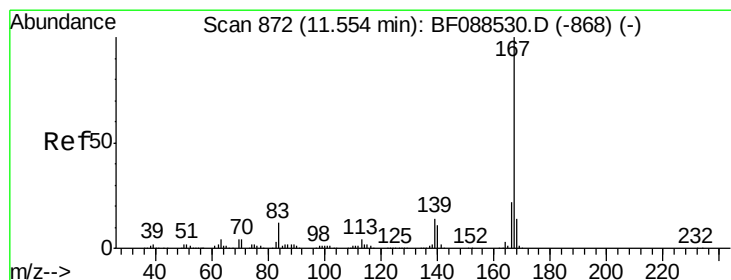
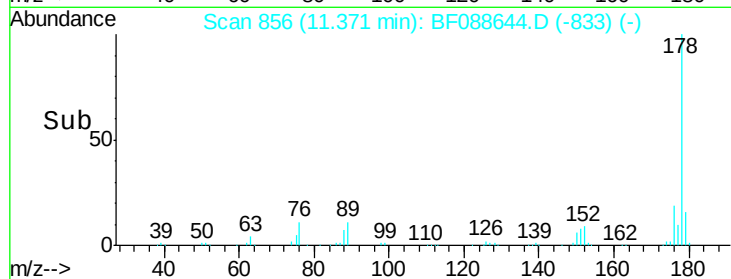
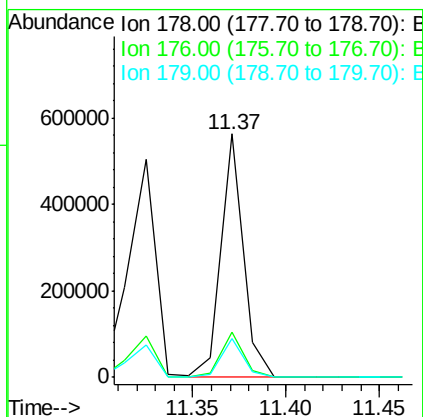
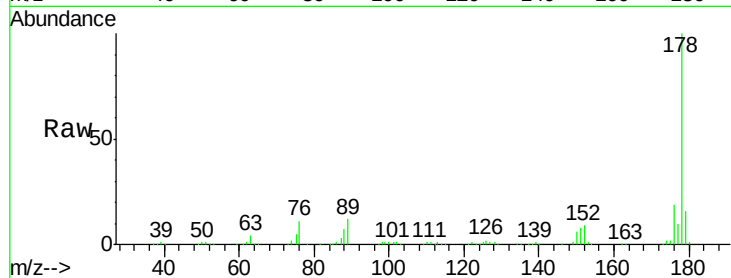




#71
 Anthracene
 Concen: 21.97 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

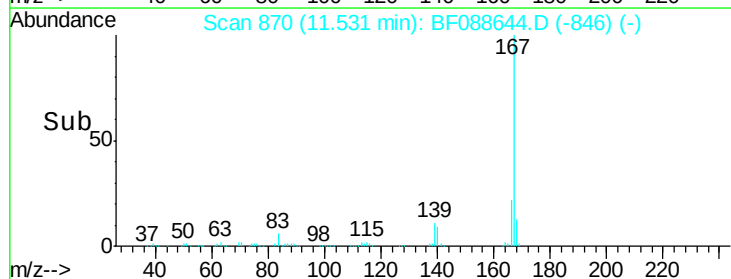
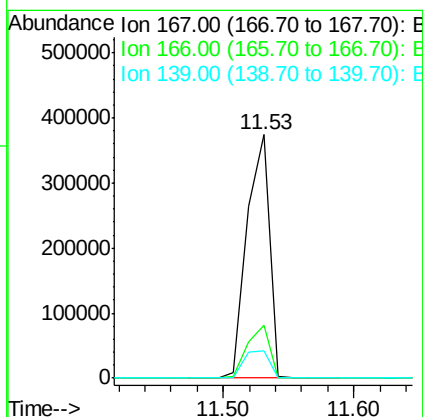
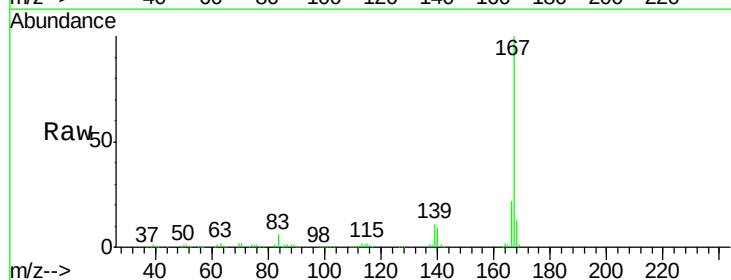
Instrument :
 BNA_F
 ClientSampleId :

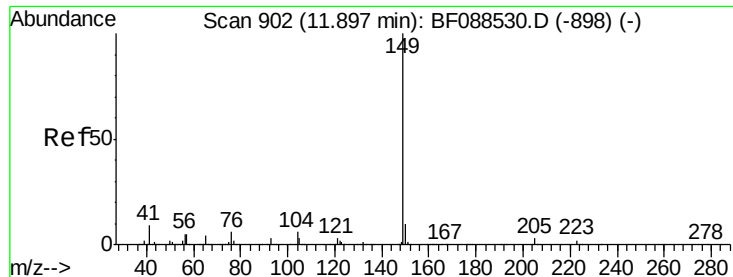
Tot Ion:178 Resp: 474700
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 21.92 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:167 Resp: 445914
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 11.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 23.04 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

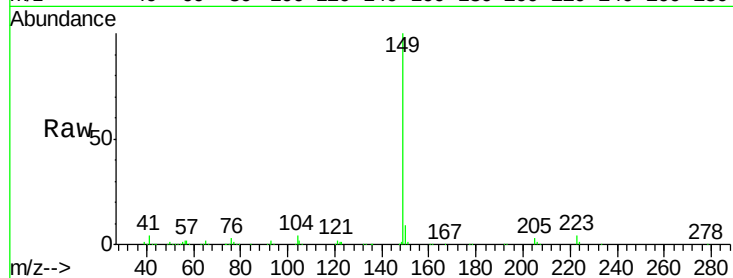
Tot Ion:149 Resp: 545169

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

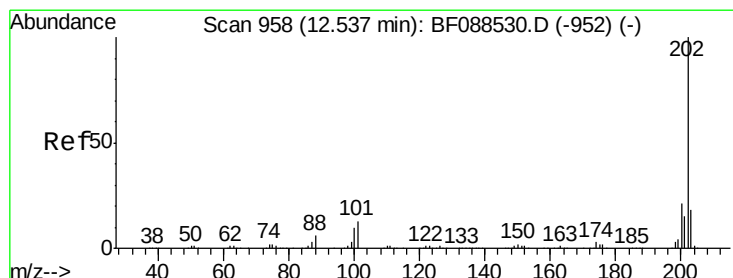
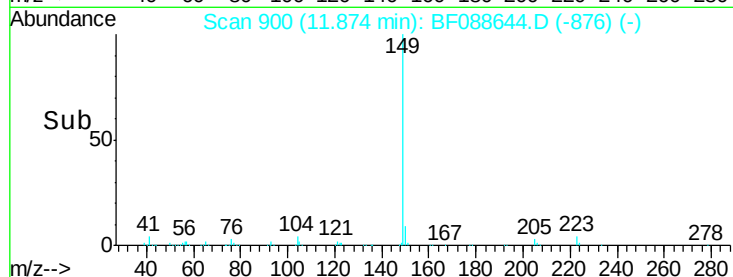
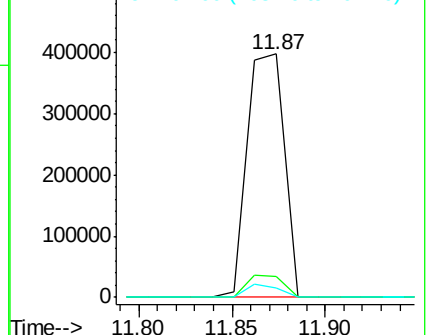
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 21.85 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

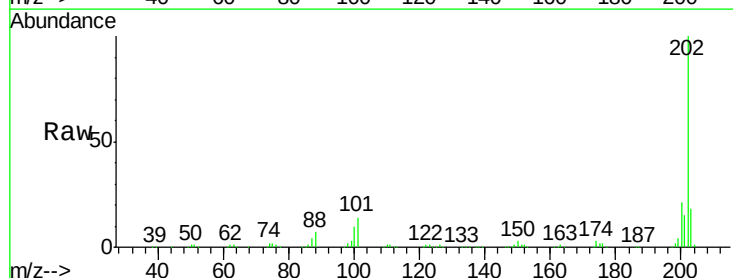
Tgt Ion:202 Resp: 481321

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.1

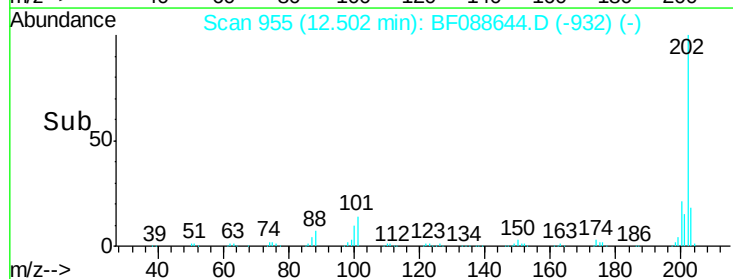
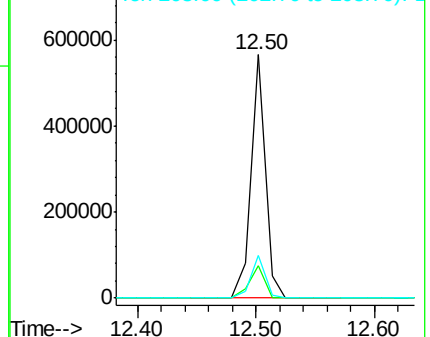
203 17.7 0.0 38.1

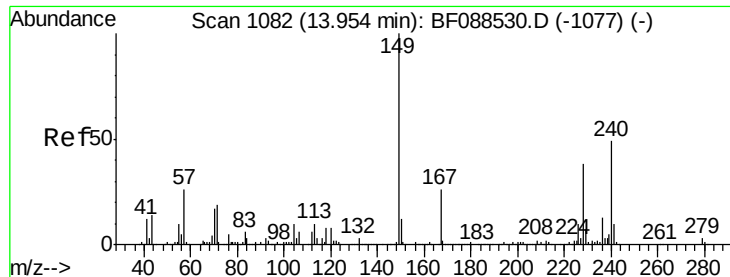


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

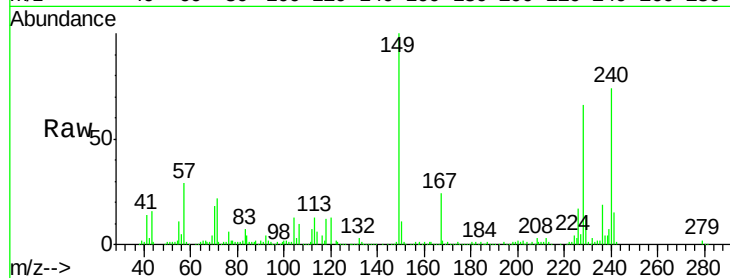
Tot Ion:240 Resp: 297839

Ion Ratio Lower Upper

240 100

120 17.7 6.8 10.2#

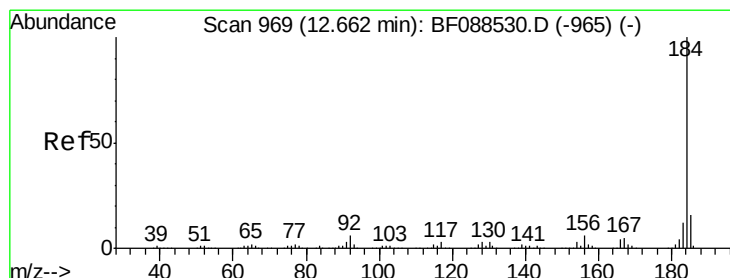
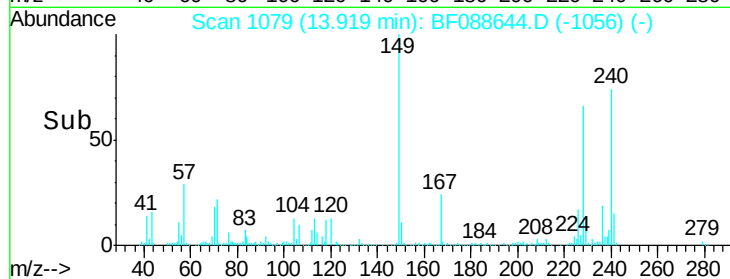
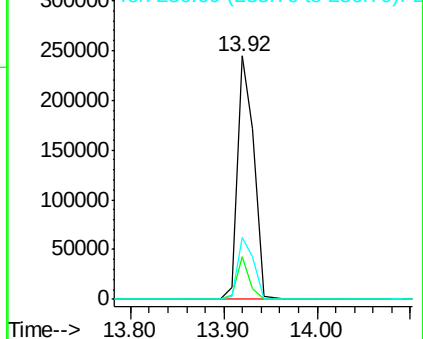
236 25.5 20.2 30.2



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: 14.50 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

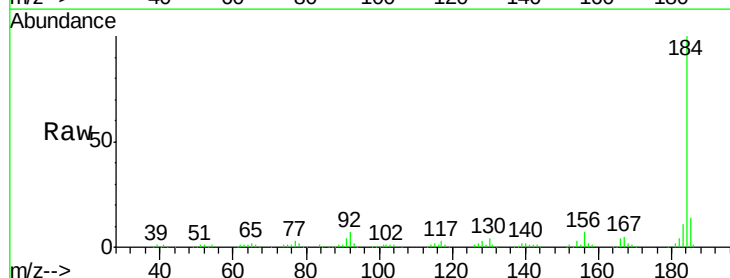
Tgt Ion:184 Resp: 218360

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

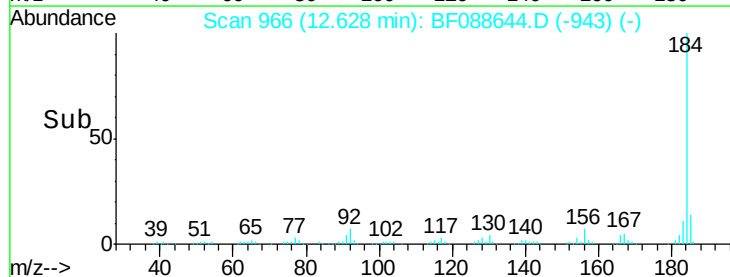
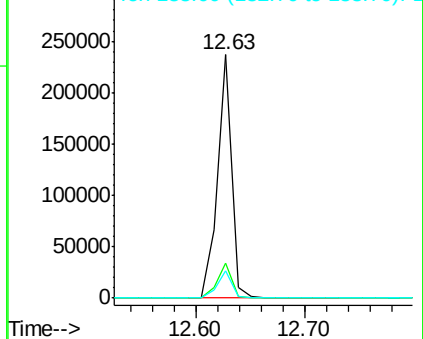
183 11.3 9.3 13.9

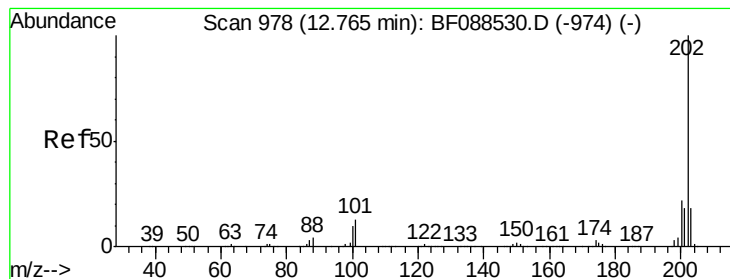


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 20.27 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

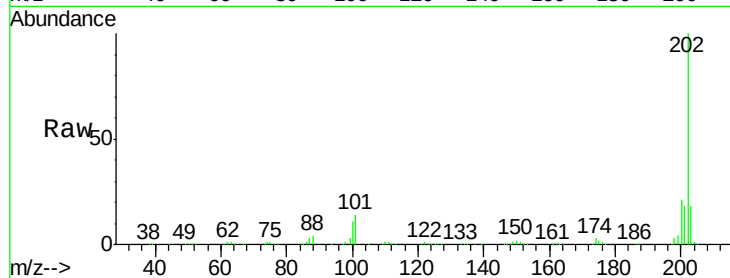
Tot Ion:202 Resp: 511865

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

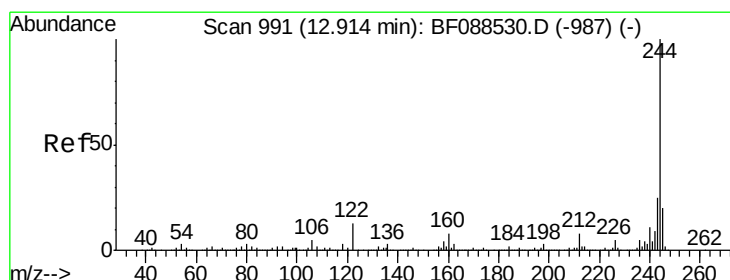
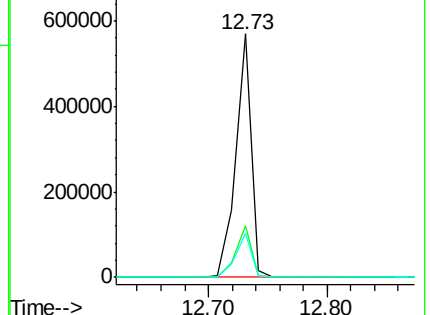
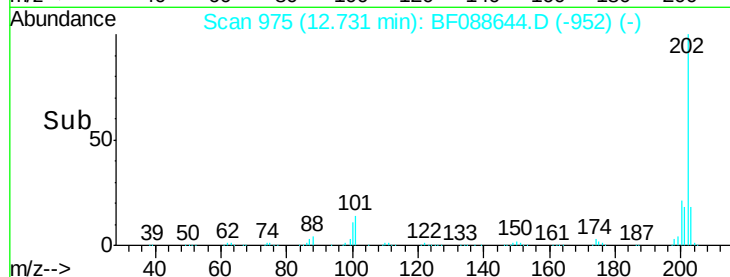
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.40 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

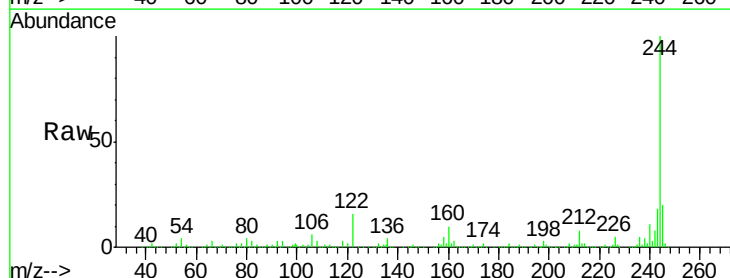
Tgt Ion:244 Resp: 1048414

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

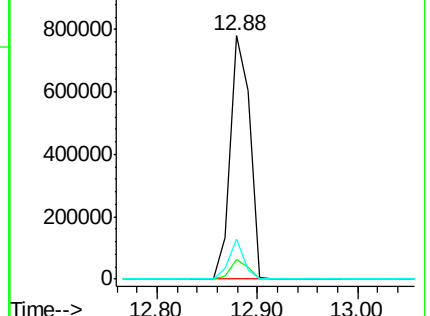
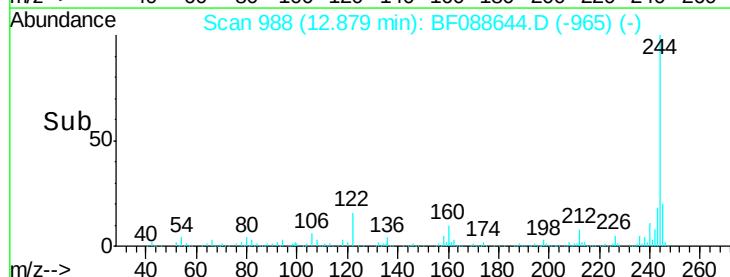
122 16.3 11.2 16.8

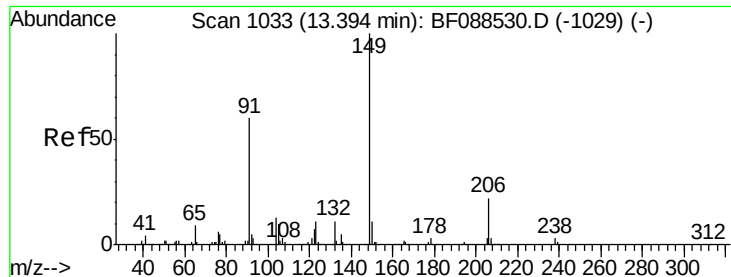


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

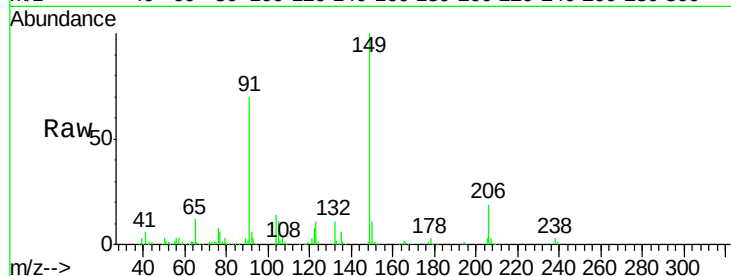




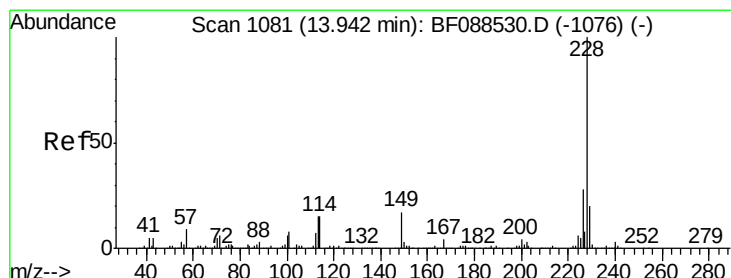
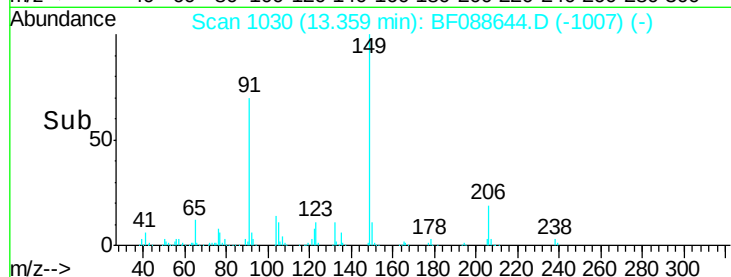
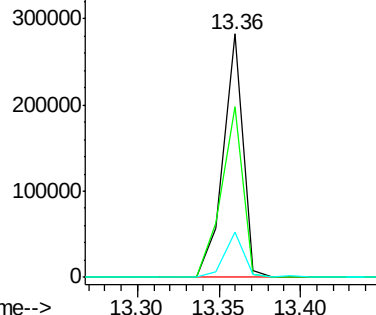
#79
Butylbenzylphthalate
Concen: 21.21 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	48.0	72.0
206	18.8	16.0	24.0

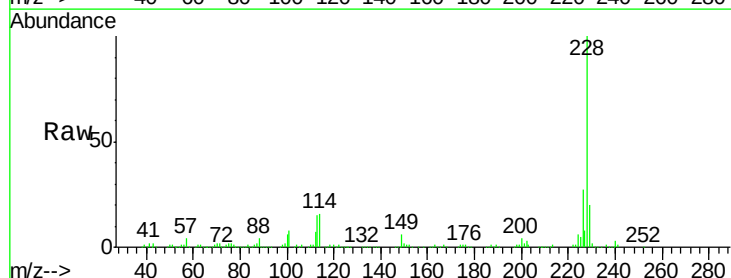


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

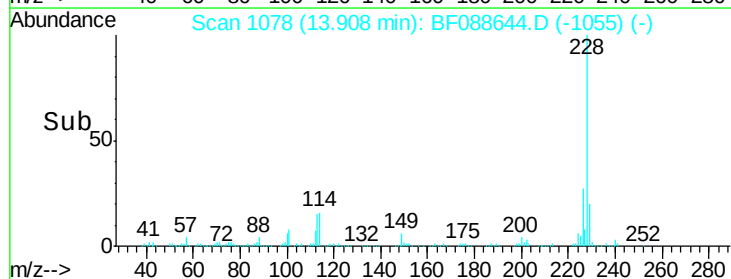
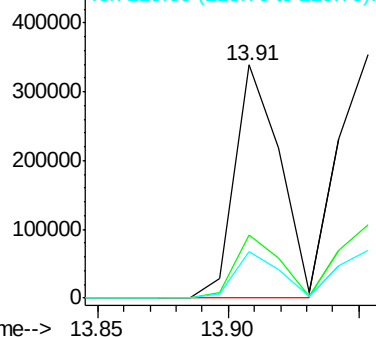


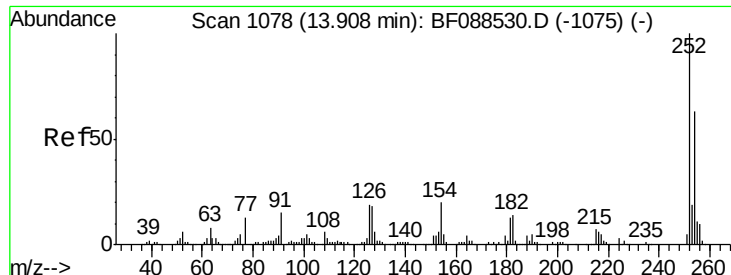
#80
Benzo(a)anthracene
Concen: 21.25 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.8	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

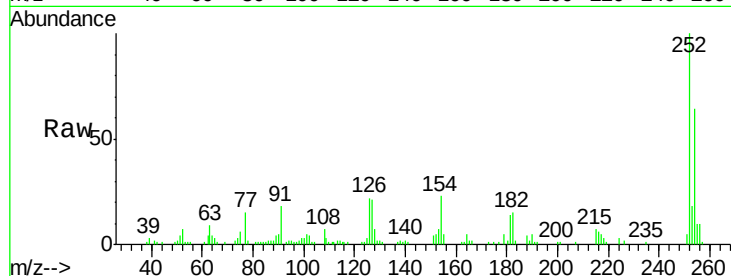




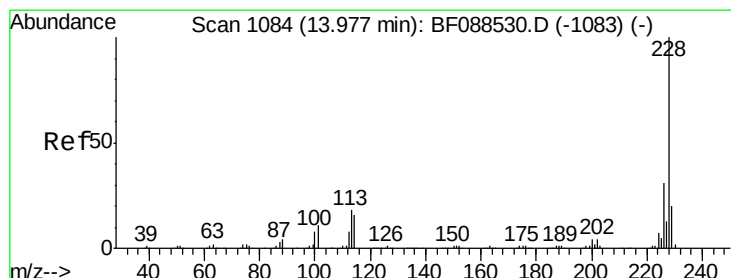
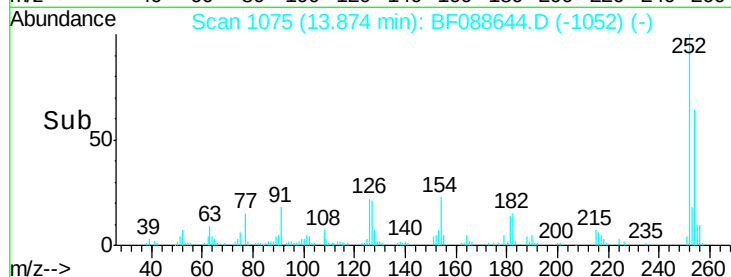
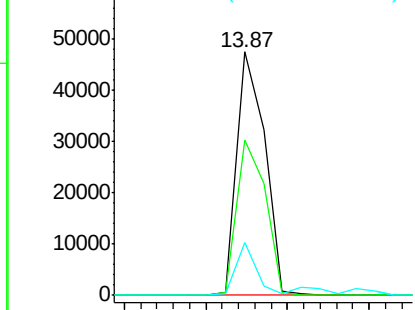
#81
 3,3'-Dichlorobenzidine
 Concen: 7.75 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 55891
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.6 78.8
 126 22.0 6.2 9.2#

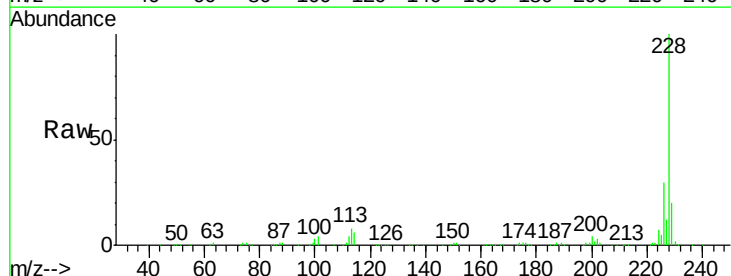


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

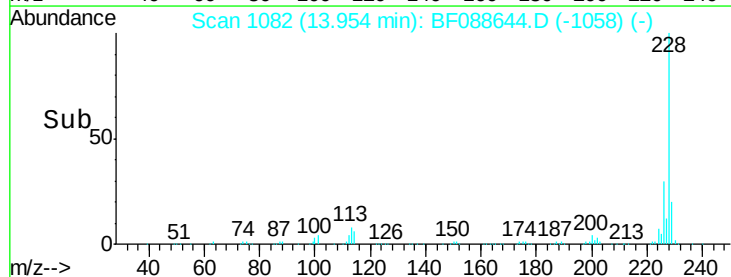
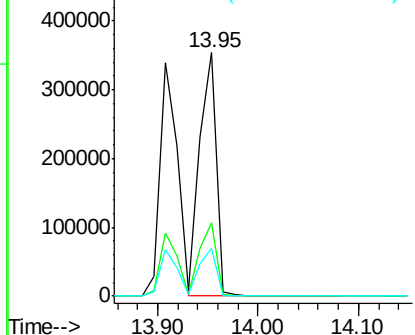


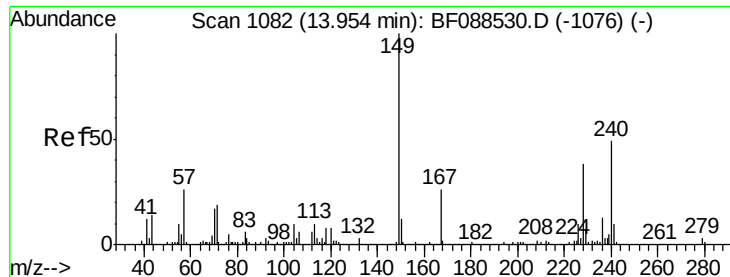
#82
 Chrysene
 Concen: 21.65 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:228 Resp: 410794
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 19.5 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

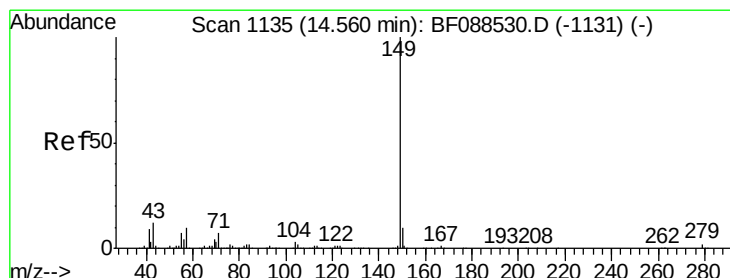
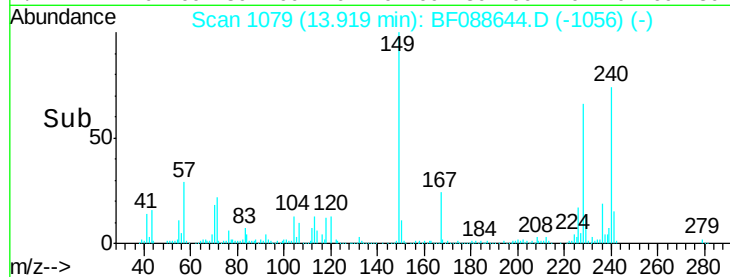
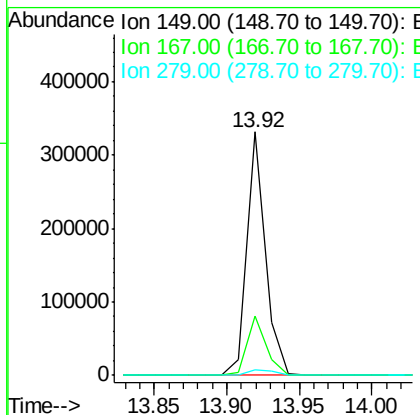
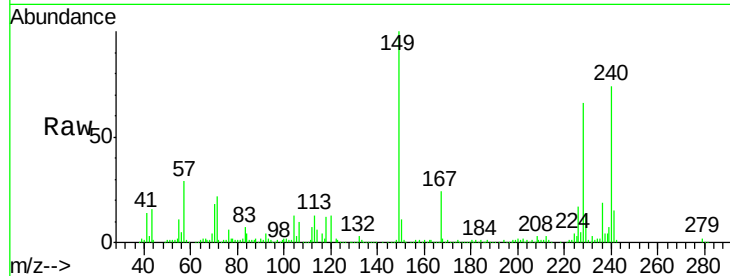




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.82 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

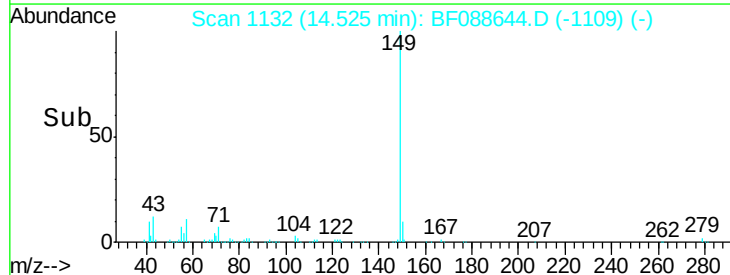
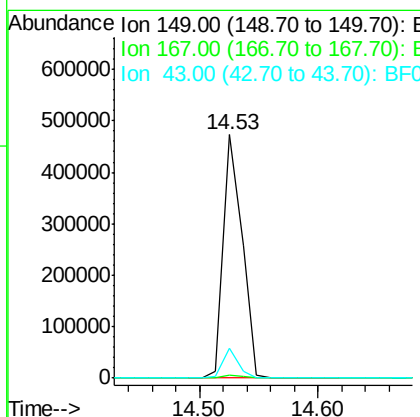
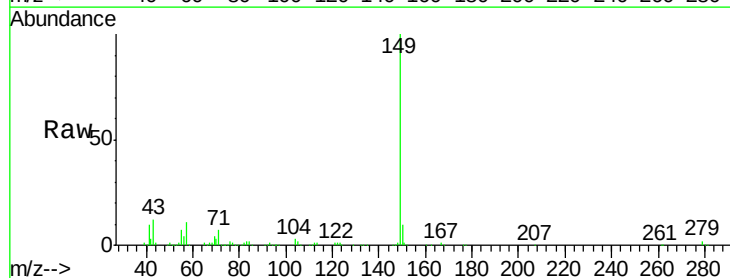
Instrument :
 BNA_F
 ClientSampleId :

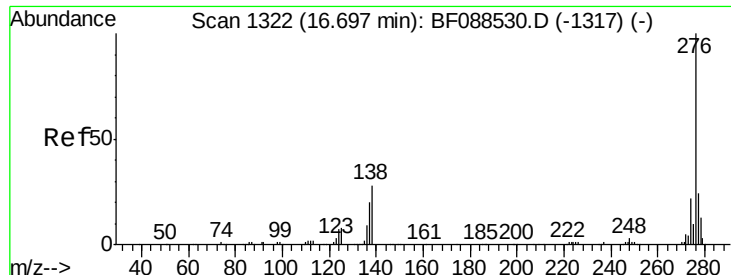
Tot Ion	149	Resp	293530
Ion Ratio	100	Lower	Upper
149	100		
167	24.3	20.5	30.7
279	2.3	2.0	3.0



#84
 Di-n-octyl phthalate
 Concen: 23.57 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	149	Resp	515060
Ion Ratio	100	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.9	0.0	0.0#

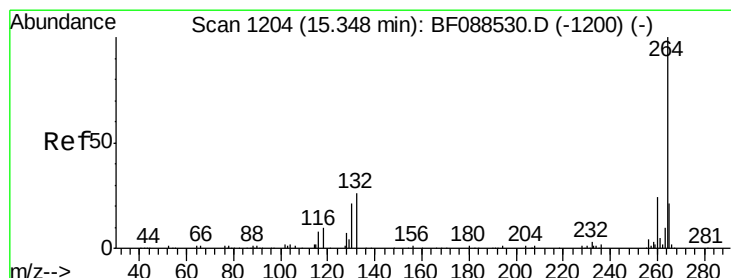
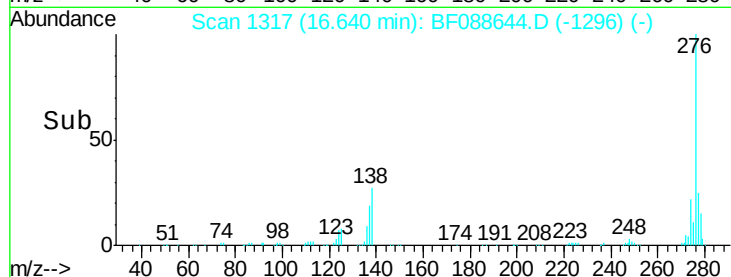
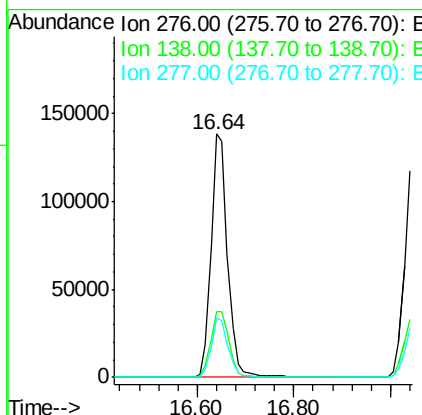
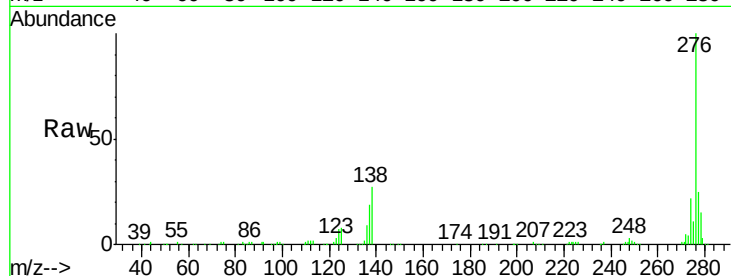




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.92 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. -0.06 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

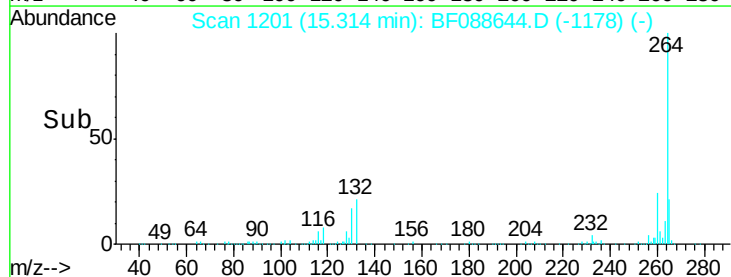
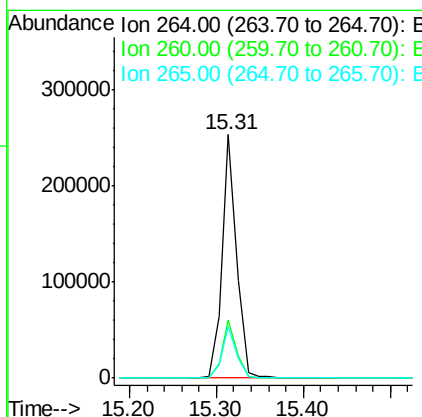
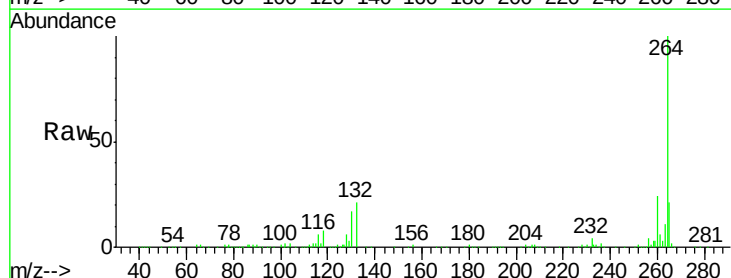
Instrument :
 BNA_F
 ClientSampleId :

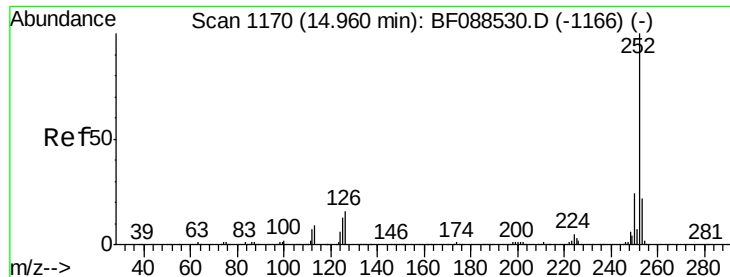
Tot Ion:276 Resp: 334585
 Ion Ratio Lower Upper
 276 100
 138 29.8 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:264 Resp: 296238
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 40.09 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

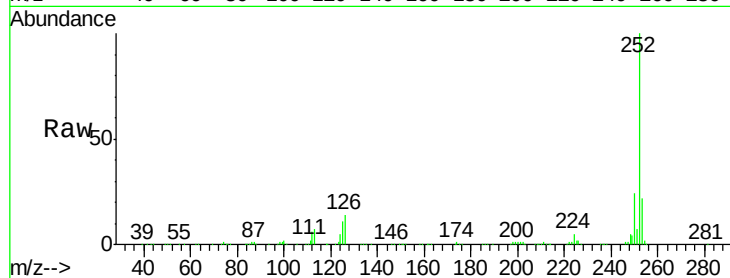
Tot Ion:252 Resp: 745079

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

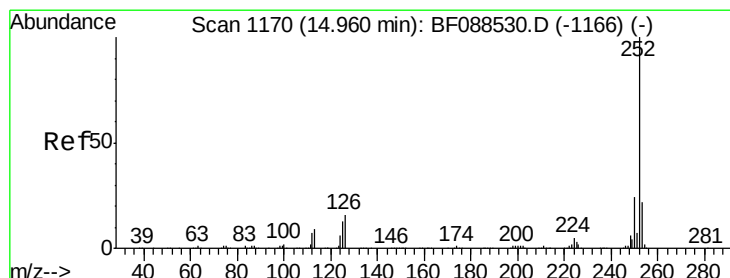
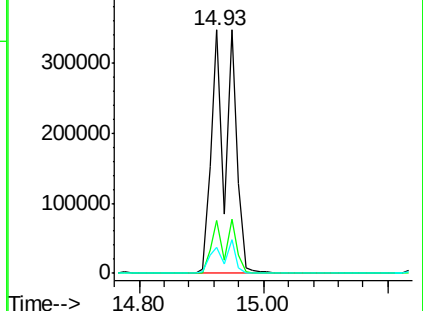
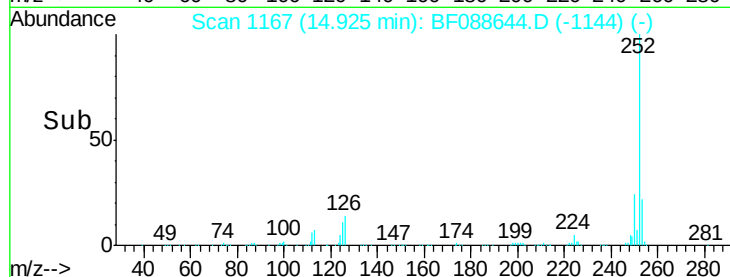
125 10.8 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.06 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.06 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

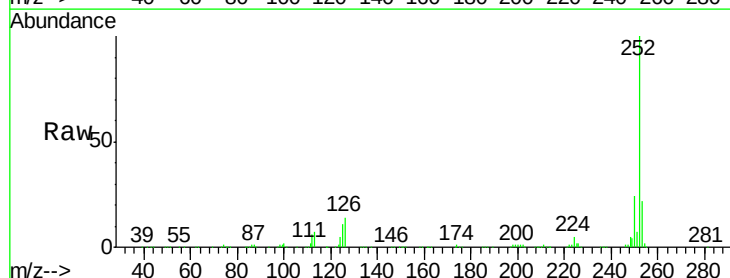
Tgt Ion:252 Resp: 745079

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

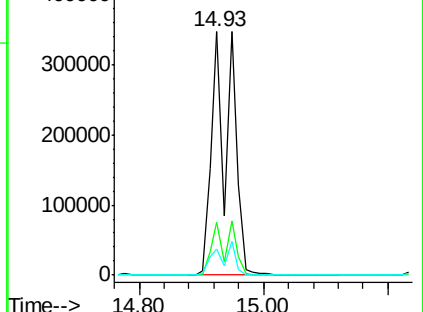
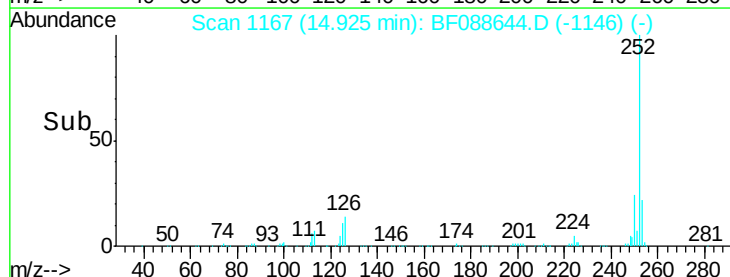
125 10.8 11.2 16.8#

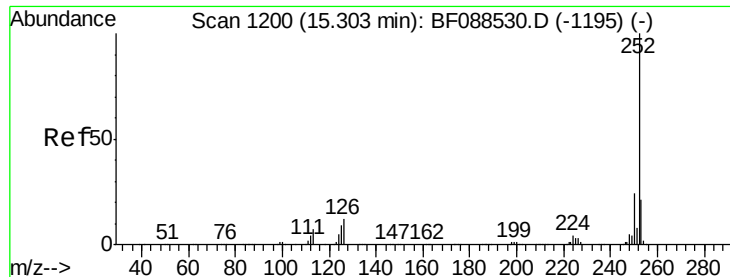


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

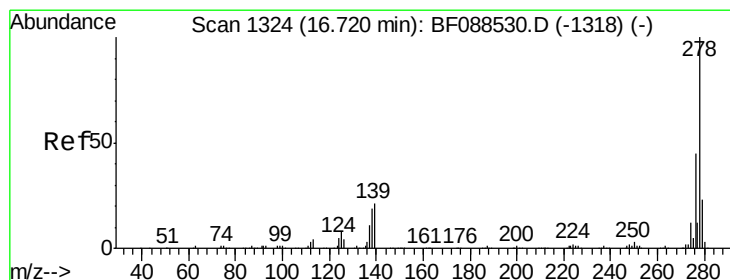
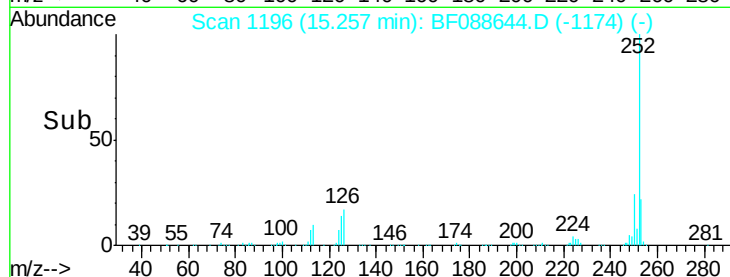
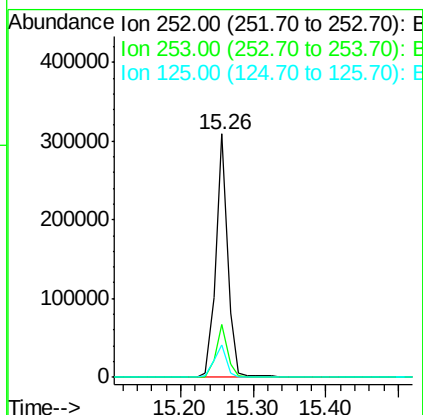
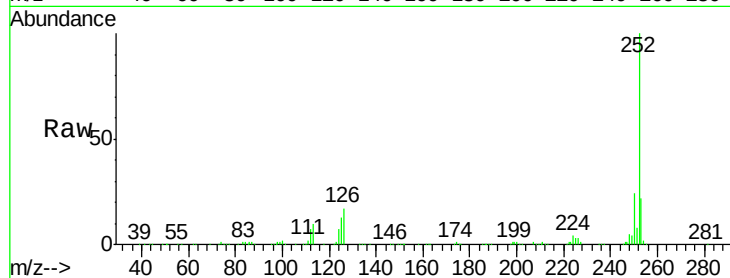




#89
Benzo(a)pyrene
Concen: 22.47 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

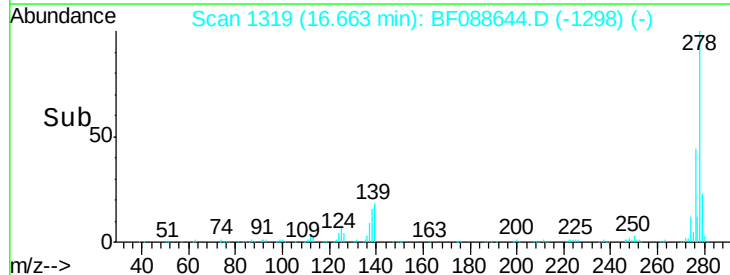
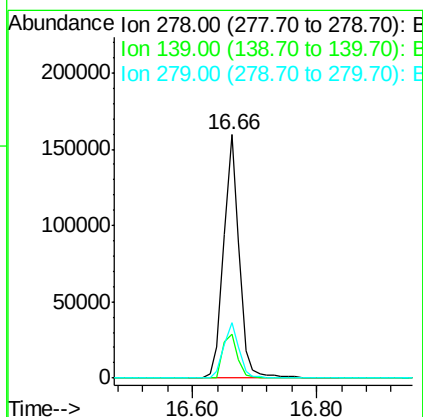
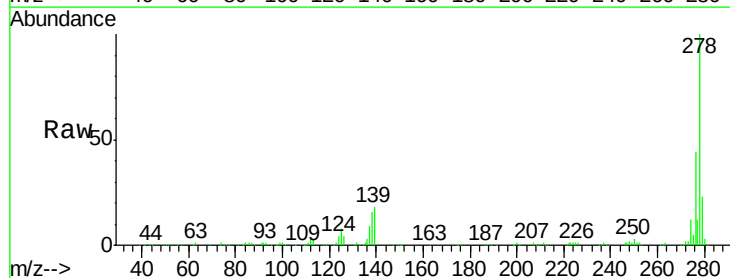
Instrument :
BNA_F
ClientSampleId :

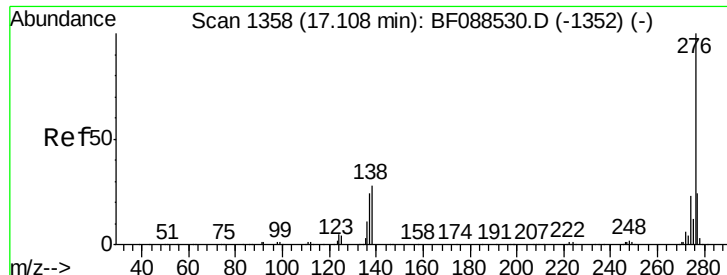
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.5	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 21.10 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.7	23.5
279	23.0	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 19.85 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.06 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

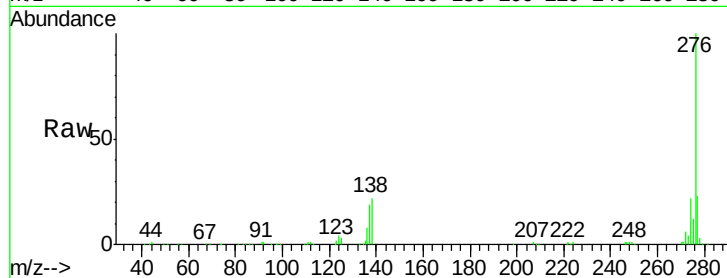
Tot Ion: 276 Resp: 269879

Ion Ratio Lower Upper

276 100

277 22.6 18.9 28.3

138 22.2 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

