

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088541.D
 Acq On : 30 Jun 2016 20:58
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Quant Time: Jul 01 01:30:15 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	6.81	152	157698	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	658533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293707	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	578455	20.00	ng	0.00
75) Chrysene-d12	13.97	240	359220	20.00	ng	0.01
86) Perylene-d12	15.36	264	364469	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1203441	114.37	ng	0.02
7) Phenol-d6	6.46	99	1486899	109.36	ng	0.01
23) Nitrobenzene-d5	7.38	82	950985	75.68	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	291770	106.98	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1528705	82.21	ng	0.01
78) Terphenyl-d14	12.91	244	1200206	74.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	166147	31.85	ng	# 29
3) Pyridine	3.18	79	499051	32.97	ng	97
4) n-Nitrosodimethylamine	3.14	42	224575	38.83	ng	88
6) Aniline	6.48	93	464541	23.44	ng	97
8) 2-Chlorophenol	6.60	128	473825	41.90	ng	93
10) Phenol	6.47	94	656193	42.29	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	501289	43.32	ng	90
12) 1,3-Dichlorobenzene	6.83	146	446126	35.85	ng	97
13) 1,4-Dichlorobenzene	6.83	146	446126	36.12	ng	97
14) 1,2-Dichlorobenzene	6.99	146	420307	36.35	ng	98
15) Benzyl Alcohol	6.96	79	377310	37.71	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	665727	39.73	ng	91
17) 2-Methylphenol	7.07	107	379204	41.10	ng	97
18) Hexachloroethane	7.34	117	187332	39.21	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	378717	41.47	ng	90
20) 3+4-Methylphenols	7.23	107	485395	43.84	ng	# 80
22) Acetophenone	7.23	105	613059	38.36	ng	# 84
24) Nitrobenzene	7.40	77	576319	45.49	ng	90
25) Isophorone	7.64	82	959534	41.22	ng	96
26) 2-Nitrophenol	7.71	139	218208	42.00	ng	93
27) 2,4-Dimethylphenol	7.76	122	427389	39.50	ng	90
28) bis(2-Chloroethoxy)methane	7.86	93	640986	42.31	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	367825	42.06	ng	90
30) 1,2,4-Trichlorobenzene	8.04	180	383477	39.96	ng	99
31) Naphthalene	8.12	128	1287244	39.65	ng	99
32) Benzoic acid	7.90	122	288876	36.77	ng	90
33) 4-Chloroaniline	8.17	127	203076	14.06	ng	97
34) Hexachlorobutadiene	8.25	225	203794	39.66	ng	98
35) Caprolactam	8.55	113	78701	26.50	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	455629	44.06	ng	99
37) 2-Methylnaphthalene	8.81	142	799777	38.26	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	318885	32.64	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	345758	72.11	ng	98
42) 2,4,6-Trichlorophenol	9.10	196	265504	41.22	ng	100

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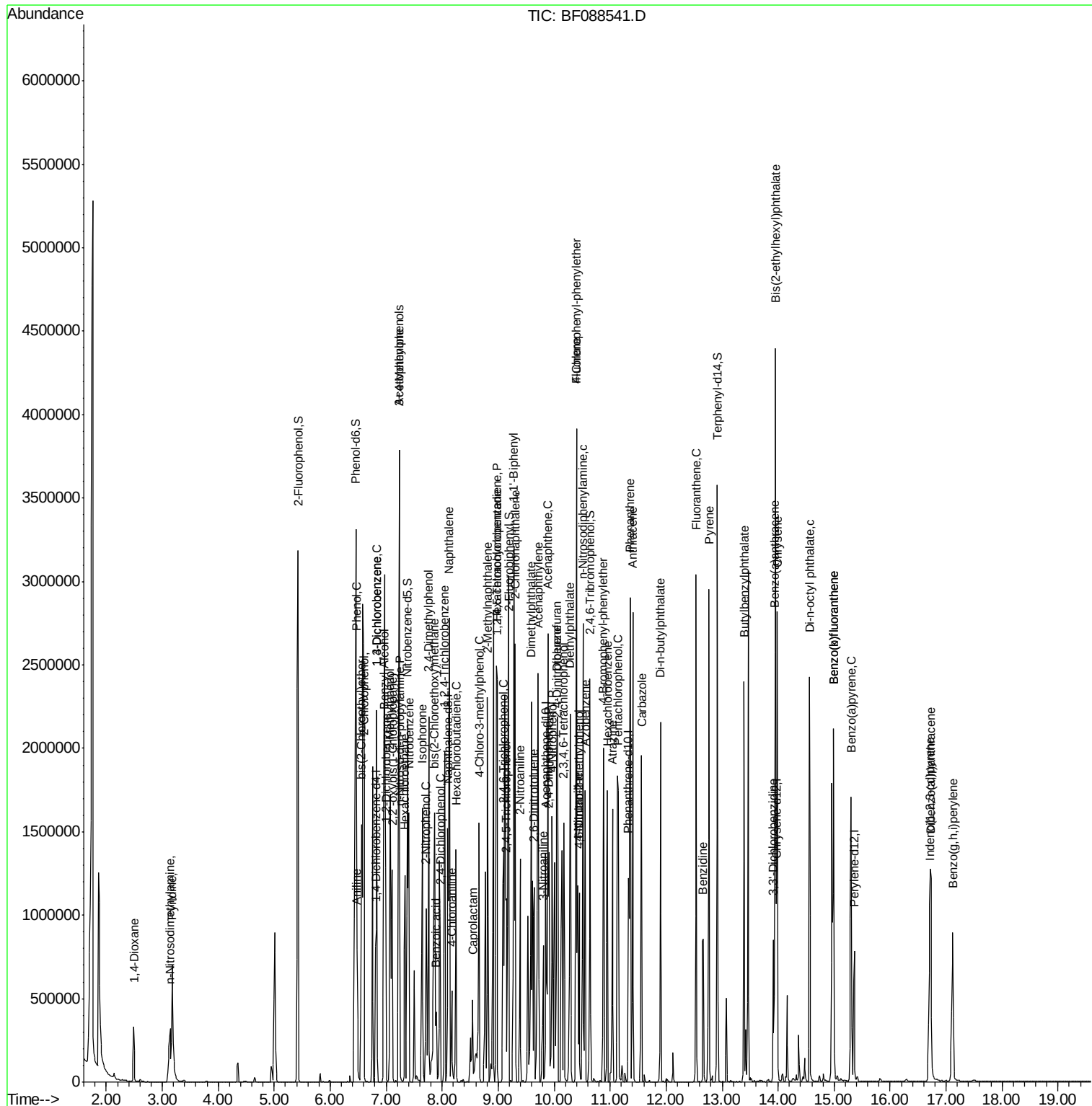
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	269109	48.56	ng	97
45) 1,1'-Biphenyl	9.28	154	907142	37.30	ng	98
46) 2-Chloronaphthalene	9.30	162	739700	38.74	ng	98
47) 2-Nitroaniline	9.39	65	251399	37.10	ng	96
48) Acenaphthylene	9.71	152	1139826	37.52	ng	100
49) Dimethylphthalate	9.59	163	928729	44.38	ng	100
50) 2,6-Dinitrotoluene	9.64	165	232757	50.19	ng	92
51) Acenaphthene	9.88	154	769431	41.32	ng	99
52) 3-Nitroaniline	9.80	138	136270	23.12	ng	98
53) 2,4-Dinitrophenol	9.91	184	196393	95.91	ng	# 87
54) Dibenzofuran	10.06	168	1024223	42.02	ng	# 87
55) 4-Nitrophenol	9.96	139	393425	87.82	ng	94
56) 2,4-Dinitrotoluene	10.04	165	301866	49.78	ng	# 63
57) Fluorene	10.40	166	697616	37.14	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	190225	44.37	ng	# 49
59) Diethylphthalate	10.28	149	876561	41.74	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	348149	39.89	ng	91
61) 4-Nitroaniline	10.42	138	210773	37.15	ng	86
62) Azobenzene	10.56	77	1103888	46.09	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	121636	39.31	ng	90
65) n-Nitrosodiphenylamine	10.51	169	697790	35.64	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	214167	36.74	ng	# 75
67) Hexachlorobenzene	10.95	284	256034	39.68	ng	# 87
68) Atrazine	11.04	200	216346	35.46	ng	91
69) Pentachlorophenol	11.14	266	316045	82.76	ng	98
70) Phenanthrene	11.36	178	1293271	40.90	ng	99
71) Anthracene	11.41	178	1081253	34.39	ng	100
72) Carbazole	11.57	167	1237922	41.83	ng	98
73) Di-n-butylphthalate	11.90	149	1301703	37.82	ng	# 99
74) Fluoranthene	12.54	202	1178562	36.77	ng	98
76) Benzidine	12.66	184	486251	26.78	ng	99
77) Pyrene	12.77	202	1270924	41.73	ng	100
79) Butylbenzylphthalate	13.39	149	637341	46.91	ng	# 88
80) Benzo(a)anthracene	13.94	228	1016440	43.94	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	169000	19.43	ng	# 95
82) Chrysene	13.99	228	1032242	45.11	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	653721	42.15	ng	100
84) Di-n-octyl phthalate	14.56	149	1259200	47.79	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	831805	47.24	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	1805667	78.98	ng	# 96
88) Benzo(k)fluoranthene	14.99	252	1805985	90.74	ng	98
89) Benzo(a)pyrene	15.30	252	819221	42.32	ng	99
90) Dibenzo(a,h)anthracene	16.73	278	686974	42.50	ng	99
91) Benzo(g,h,i)perylene	17.12	276	709086	42.39	ng	99

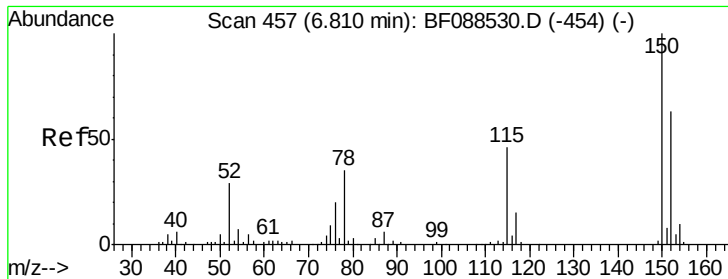
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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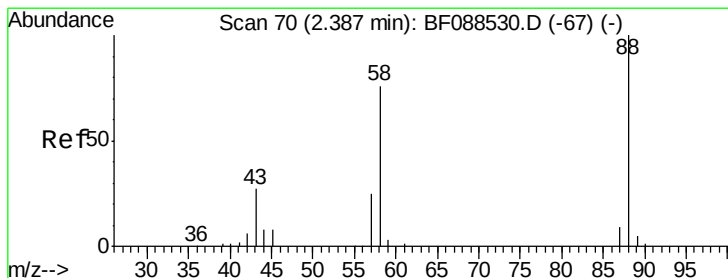
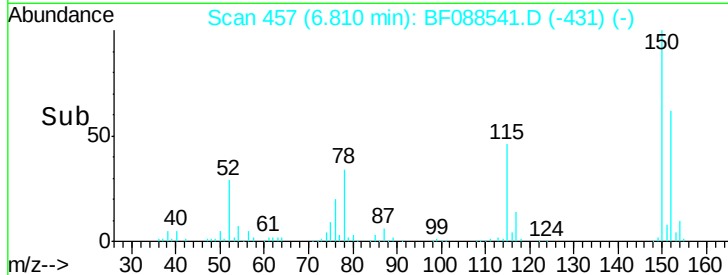
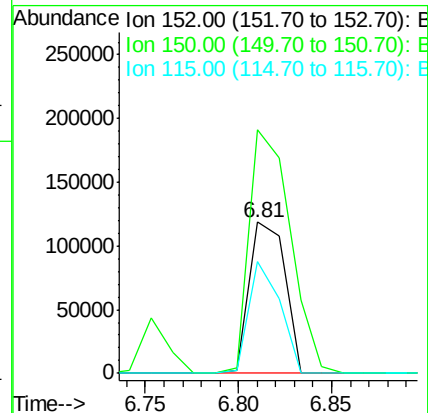
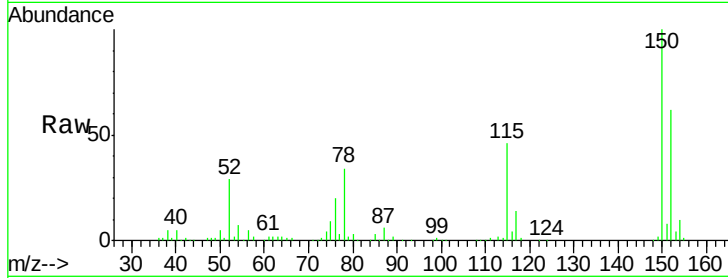


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

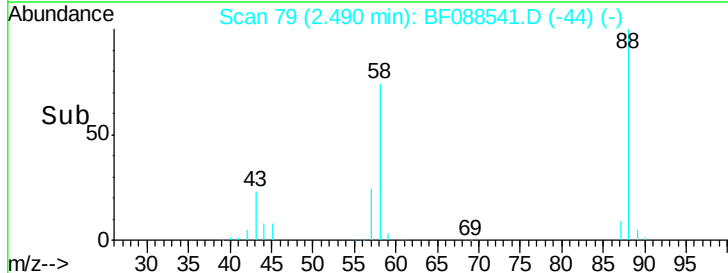
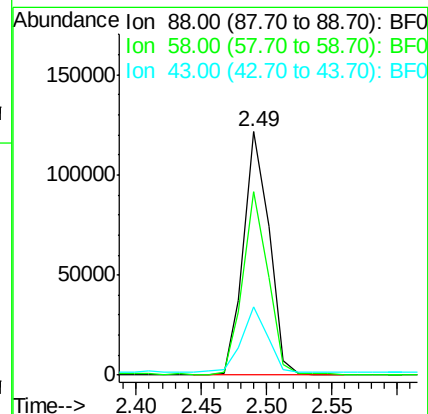
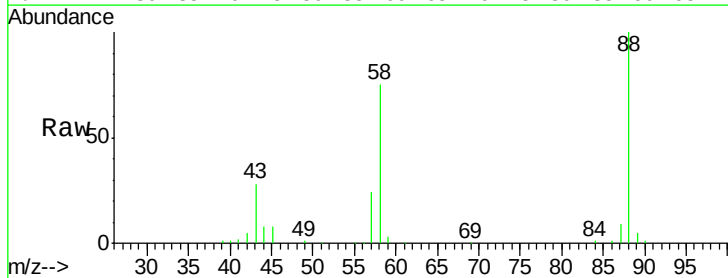
Tgt Ion:152 Resp: 157698
Ion Ratio Lower Upper
152 100
150 161.2 123.8 185.6
115 73.7 39.6 59.4#

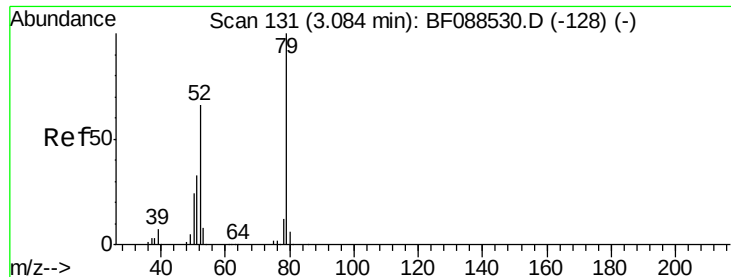


#2

1,4-Dioxane
Concen: 31.85 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.10 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion: 88 Resp: 166147
Ion Ratio Lower Upper
88 100
58 73.5 0.0 0.0#
43 27.6 3.4 5.2#





#3

Pyridine

Concen: 32.97 ng

RT: 3.18 min Scan# 139

Delta R.T. 0.09 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

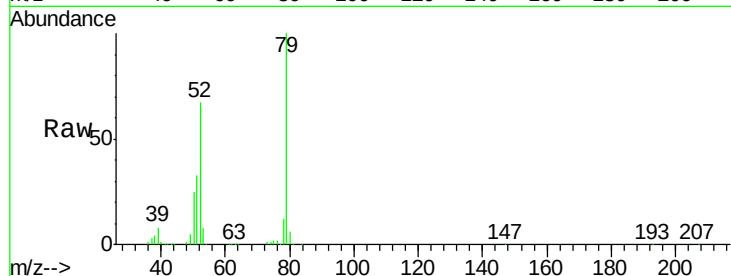
Tgt Ion: 79 Resp: 499051

Ion Ratio Lower Upper

79 100

52 67.0 56.3 84.5

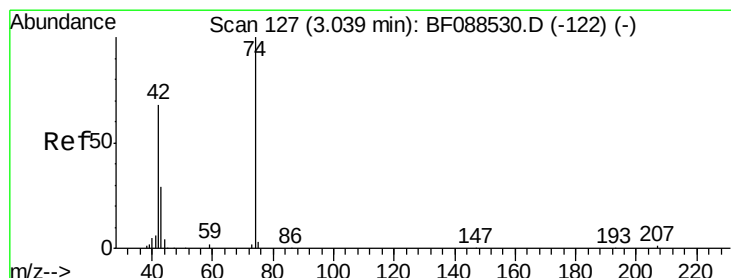
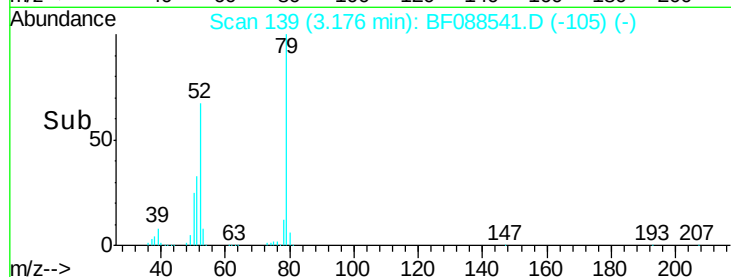
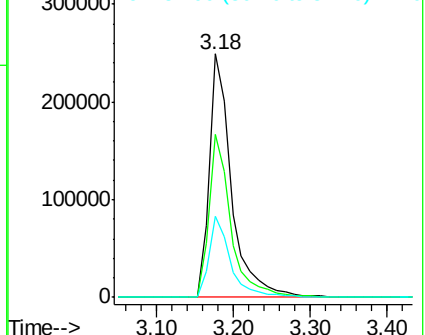
51 33.3 27.4 41.2



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: 38.83 ng

RT: 3.14 min Scan# 136

Delta R.T. 0.10 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

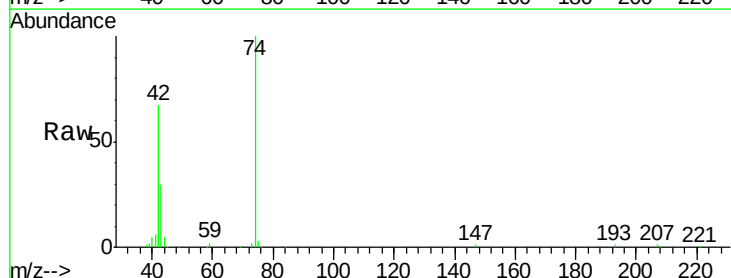
Tgt Ion: 42 Resp: 224575

Ion Ratio Lower Upper

42 100

74 150.3 108.6 163.0

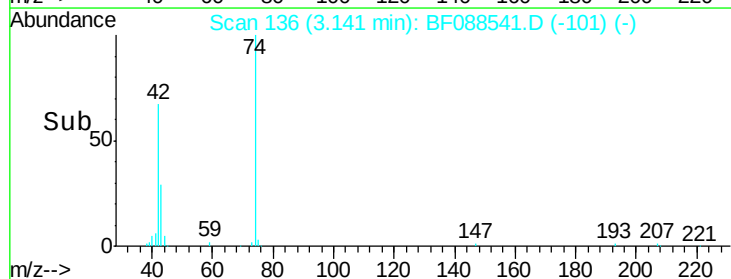
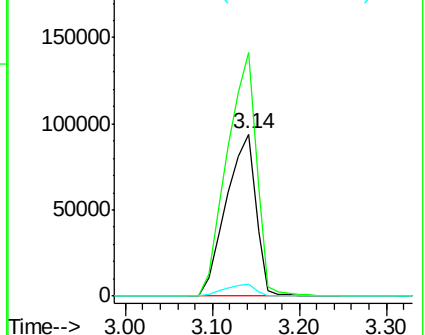
44 7.2 5.5 8.3

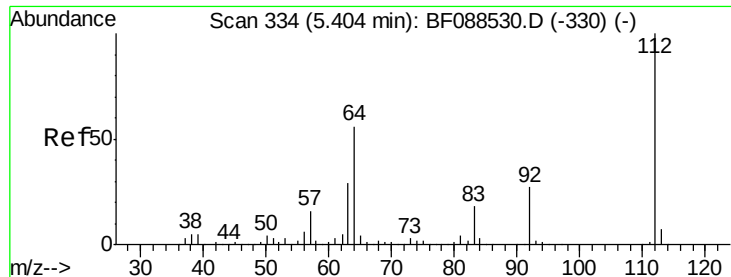


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.37 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

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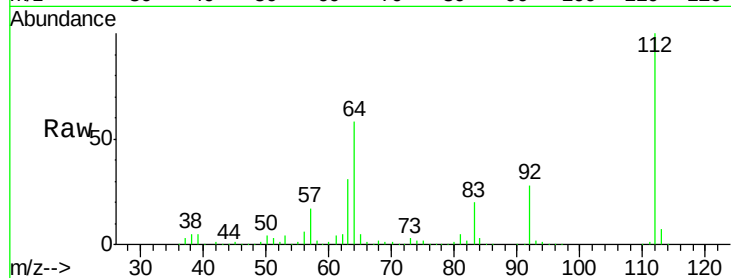
Tgt Ion: 112 Resp: 1203441

Ion Ratio Lower Upper

112 100

64 58.4 42.2 63.2

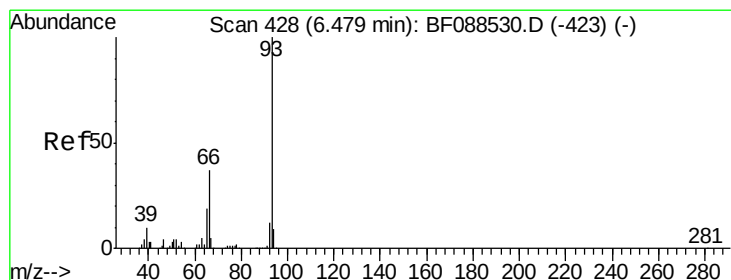
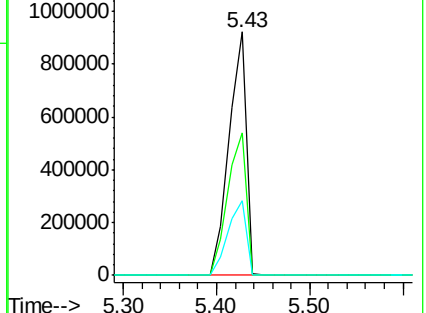
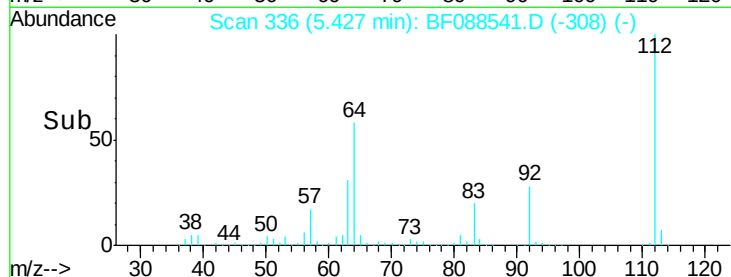
63 30.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.44 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

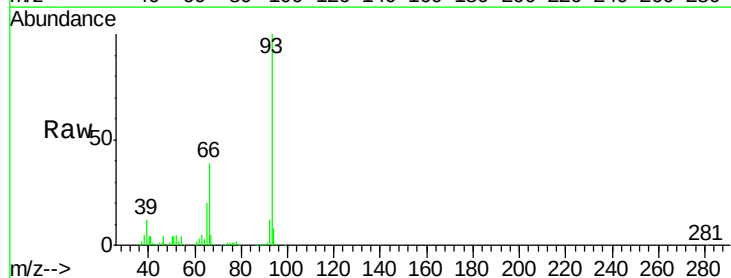
Tgt Ion: 93 Resp: 464541

Ion Ratio Lower Upper

93 100

66 39.4 29.8 44.8

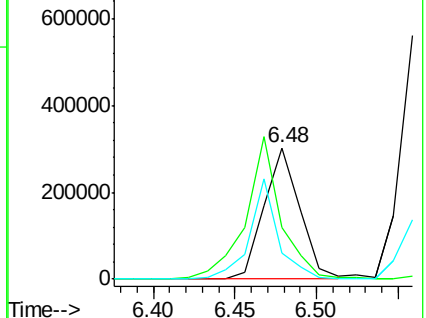
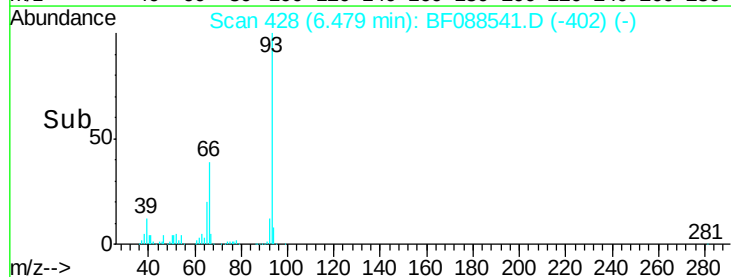
65 19.8 14.9 22.3

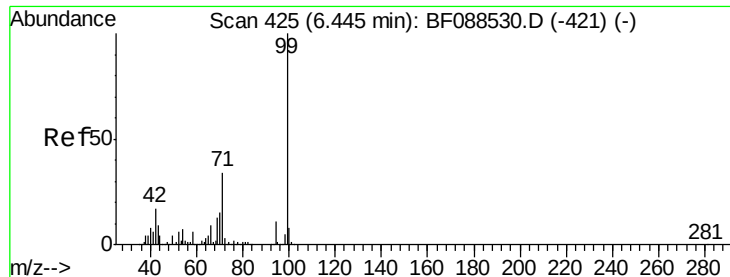


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.36 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088541.D

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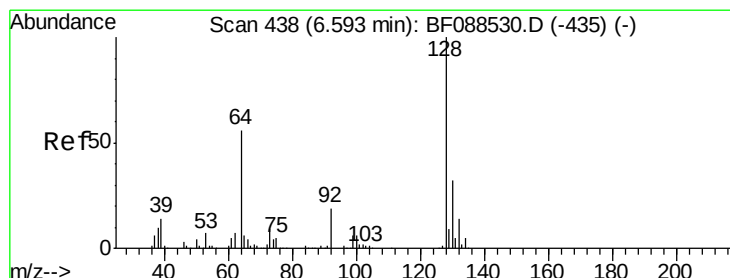
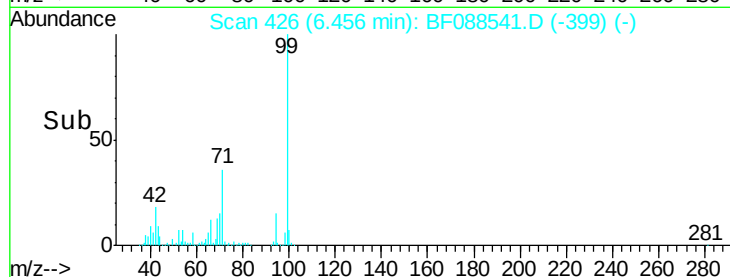
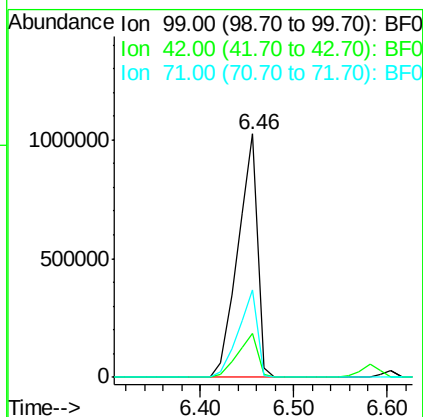
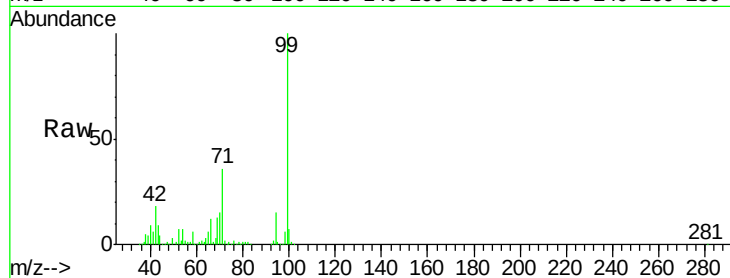
Tgt Ion: 99 Resp: 1486899

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 35.7 23.4 35.0#



#8

2-Chlorophenol

Concen: 41.90 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

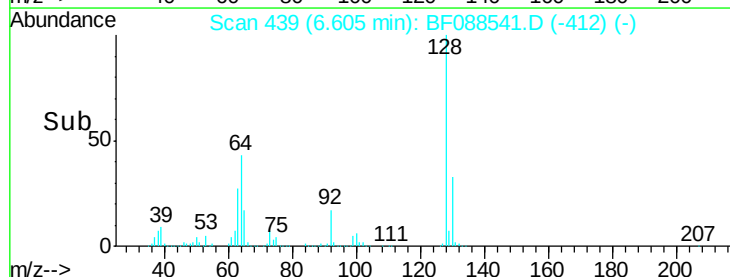
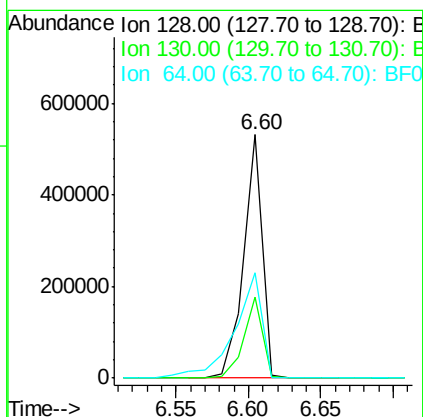
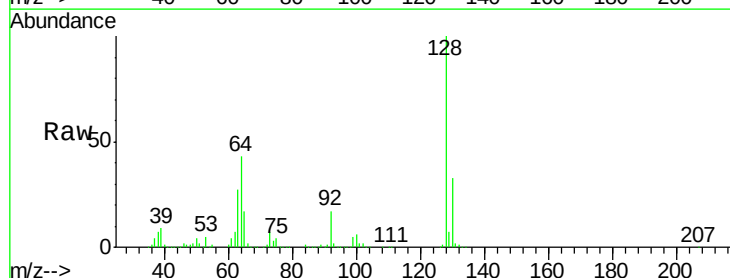
Tgt Ion: 128 Resp: 473825

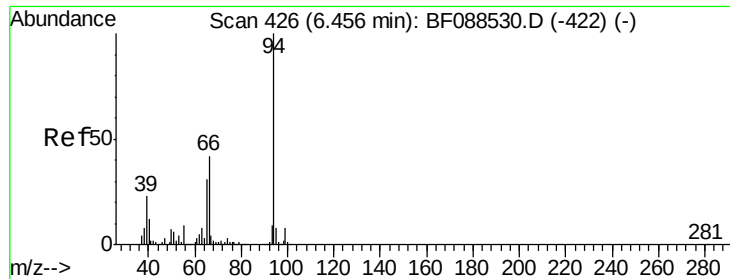
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 43.2 30.8 70.8





#10

Phenol

Concen: 42.29 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

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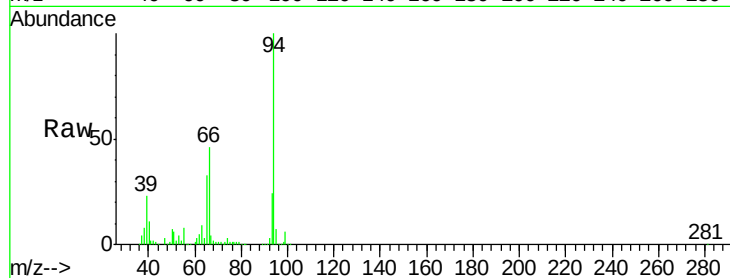
Tgt Ion: 94 Resp: 656193

Ion Ratio Lower Upper

94 100

65 32.5 5.9 45.9

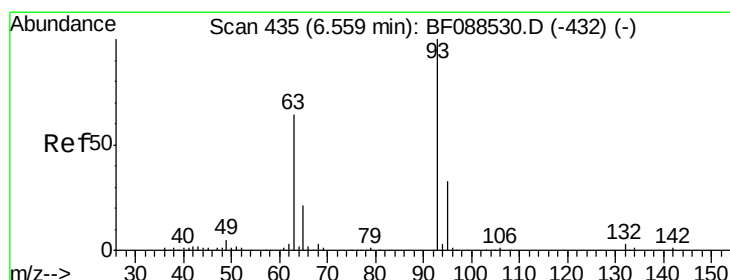
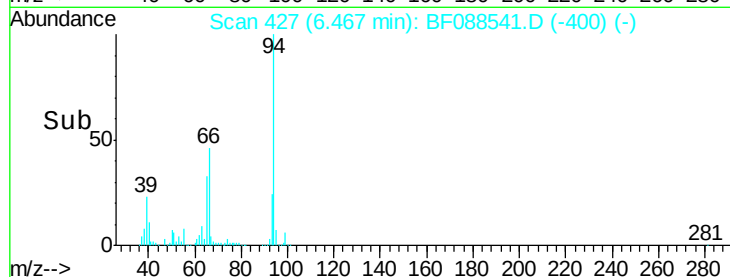
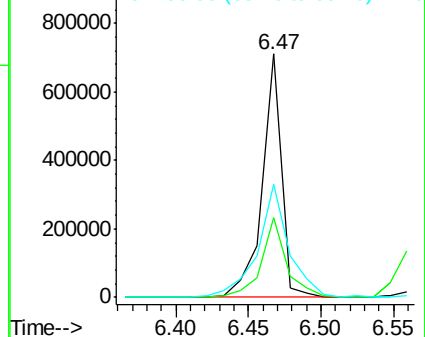
66 46.3 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 43.32 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

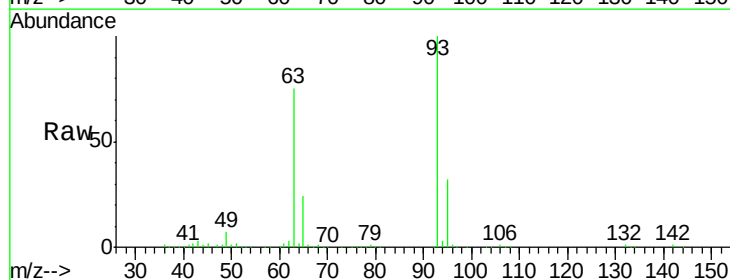
Tgt Ion: 93 Resp: 501289

Ion Ratio Lower Upper

93 100

63 74.7 67.6 107.6

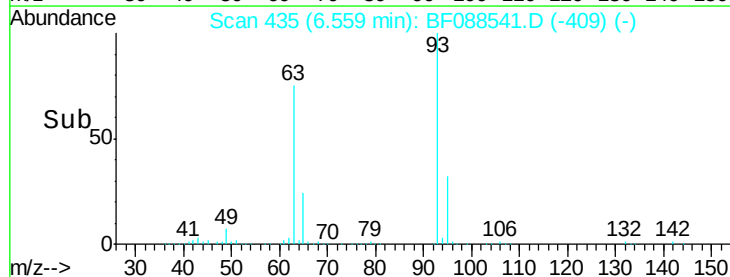
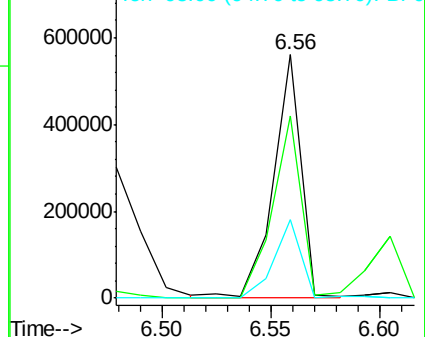
95 32.4 12.5 52.5

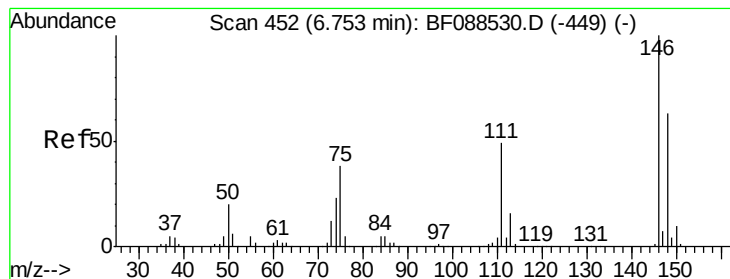


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 35.85 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.08 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

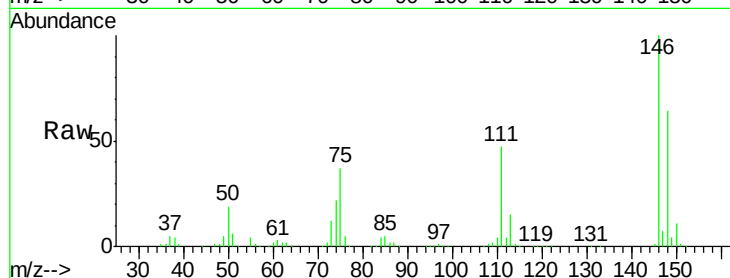
Tgt Ion:146 Resp: 446126

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

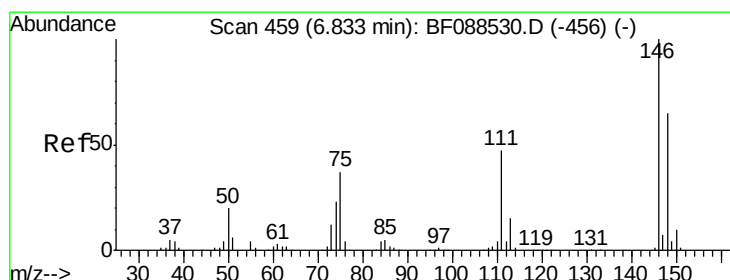
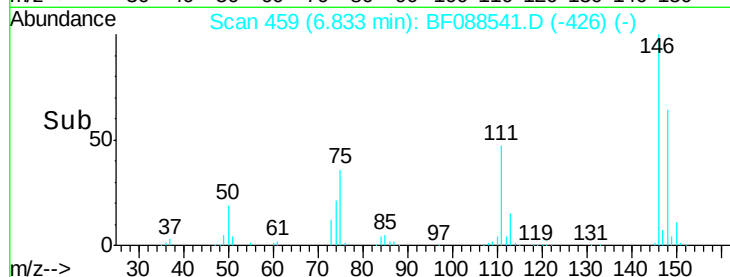
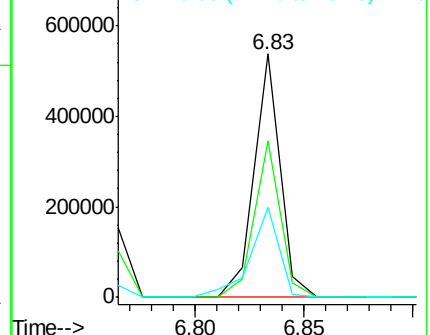
75 36.9 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 36.12 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

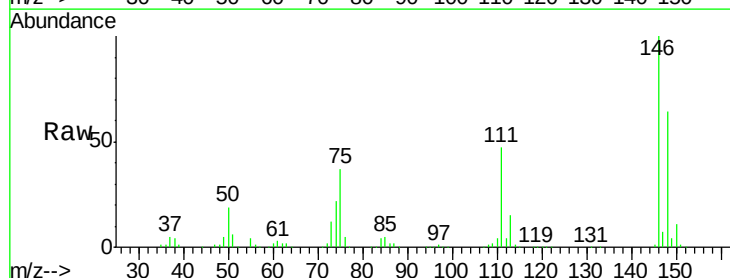
Tgt Ion:146 Resp: 446126

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

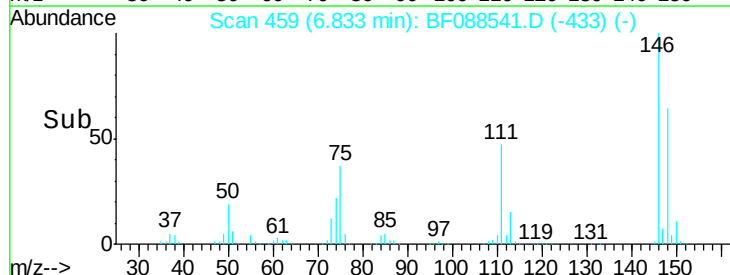
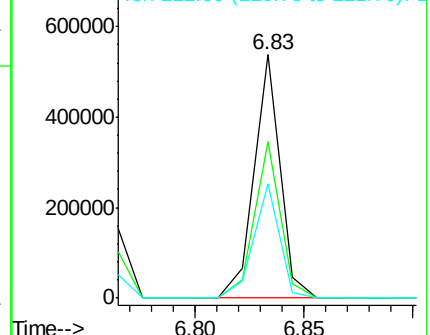
111 46.7 33.8 50.8

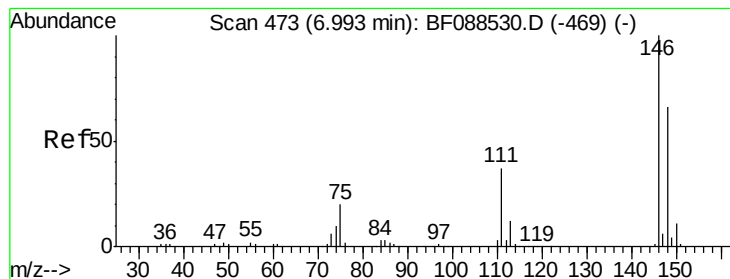


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 36.35 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

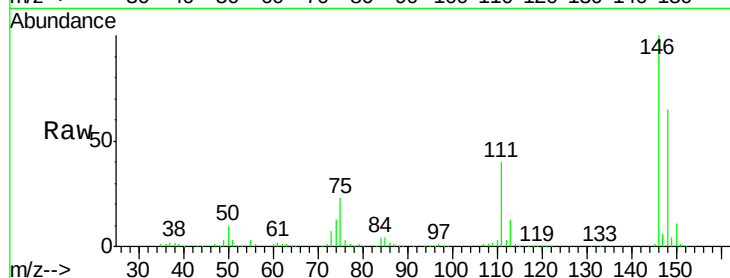
Tgt Ion:146 Resp: 420307

Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

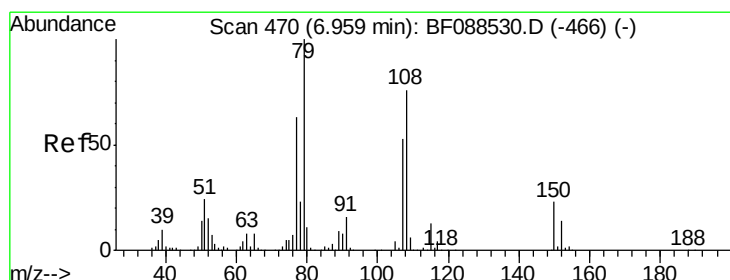
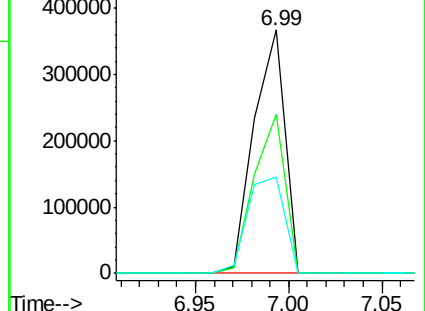
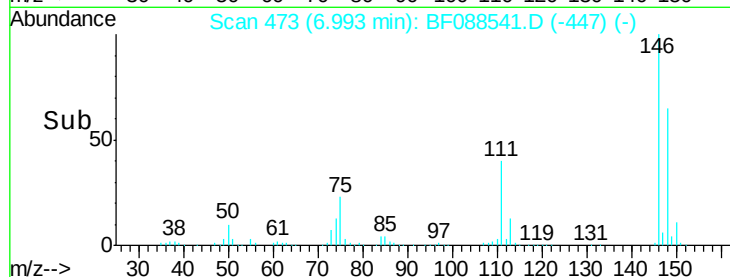
111 39.6 28.7 43.1



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: 37.71 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

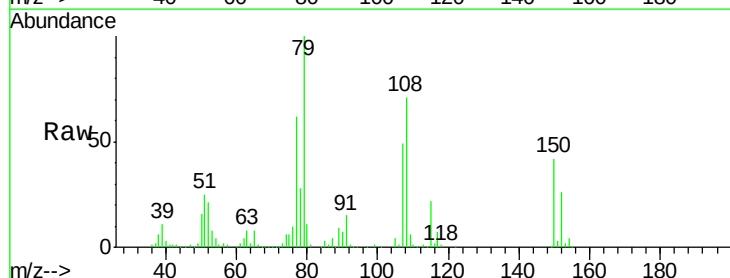
Tgt Ion: 79 Resp: 377310

Ion Ratio Lower Upper

79 100

108 71.5 65.0 97.6

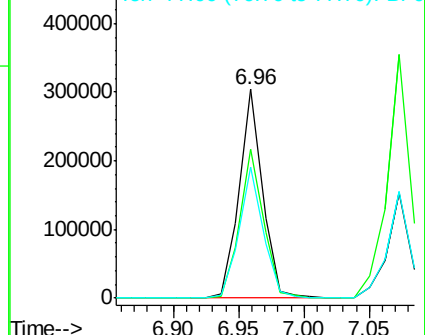
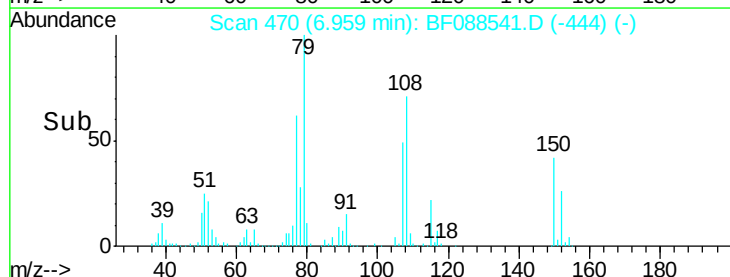
77 62.5 50.3 75.5

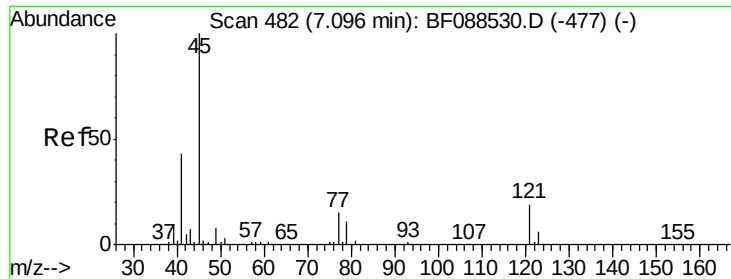


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

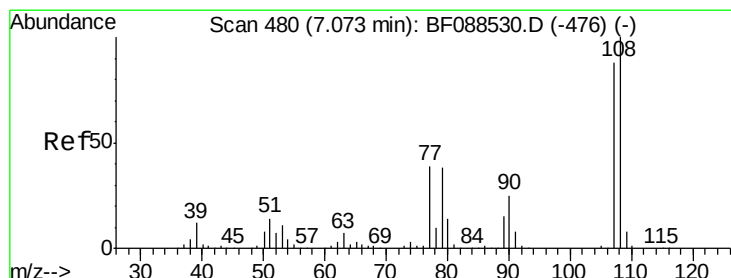
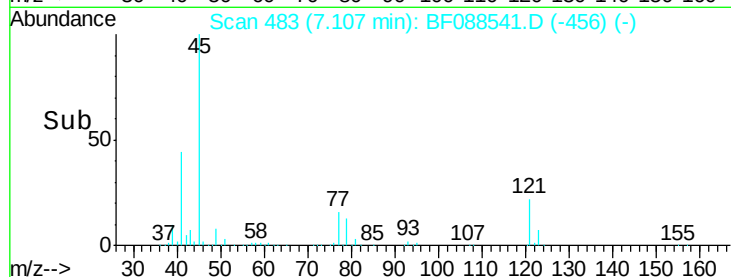
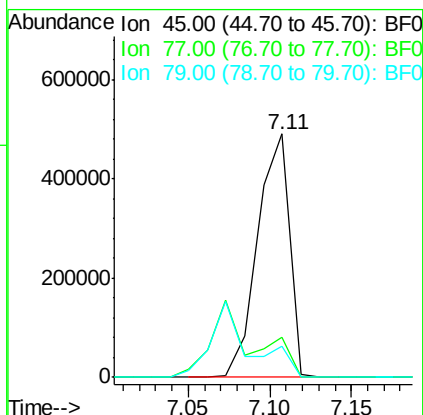
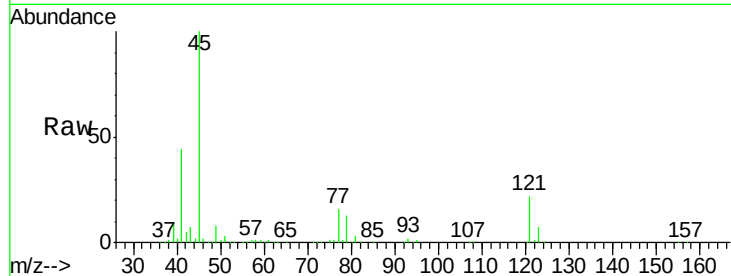




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.73 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

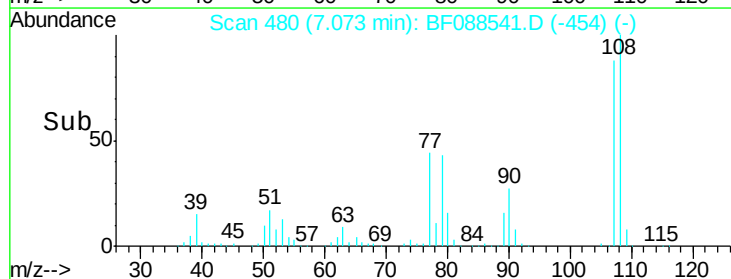
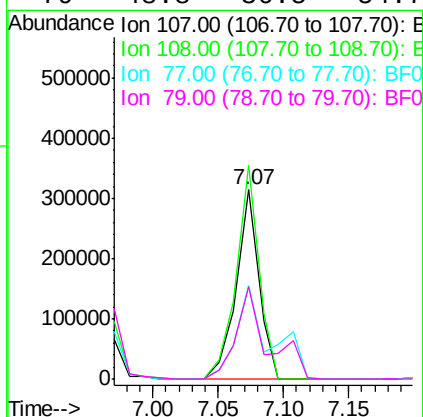
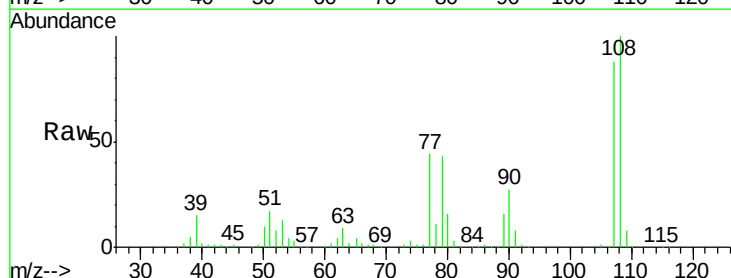
Instrument :
BNA_F
ClientSampleId :
PB91593BS

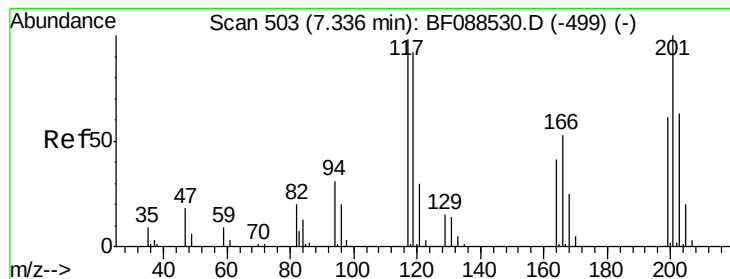
Tgt Ion: 45 Resp: 665727
Ion Ratio Lower Upper
45 100
77 16.3 0.0 32.5
79 12.8 0.0 29.5



#17
2-Methylphenol
Concen: 41.10 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion: 107 Resp: 379204
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 49.4 36.6 55.0
79 48.8 36.5 54.7





#18

Hexachloroethane

Concen: 39.21 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

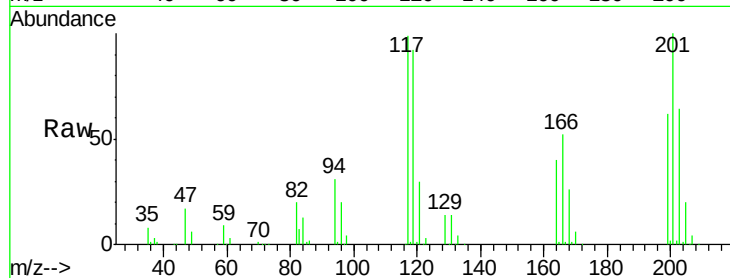
Tgt Ion: 117 Resp: 187332

Ion Ratio Lower Upper

117 100

119 93.0 77.4 116.2

201 101.2 80.4 120.6

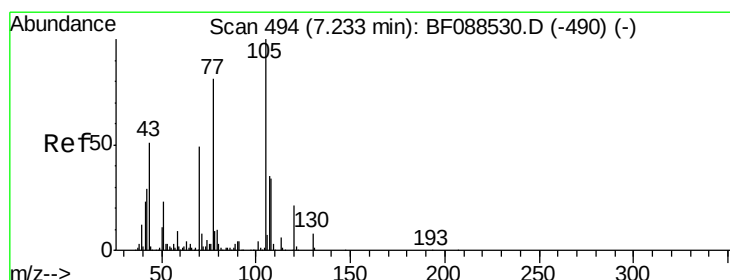
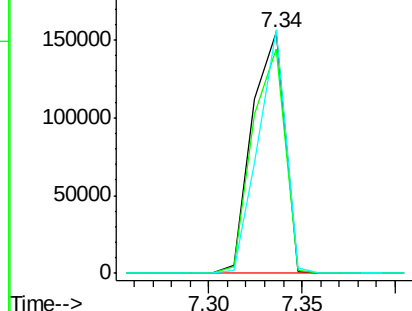
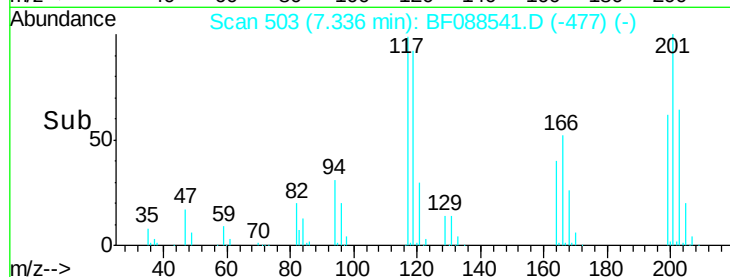


Abundance

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: 41.47 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion: 70 Resp: 378717

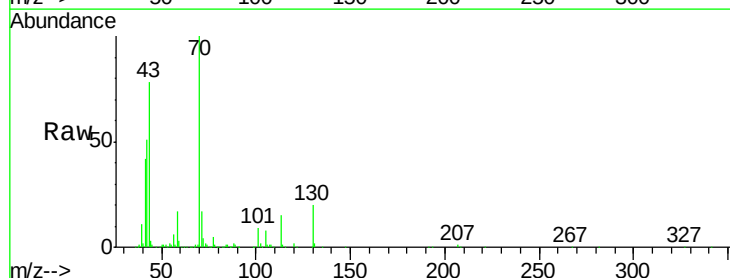
Ion Ratio Lower Upper

70 100

42 51.0 49.6 74.4

101 9.3 7.1 10.7

130 20.2 15.4 23.2



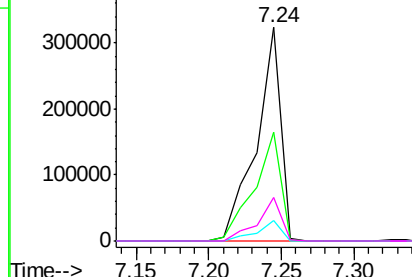
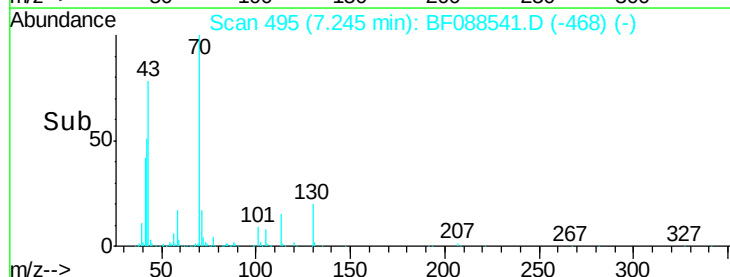
Abundance

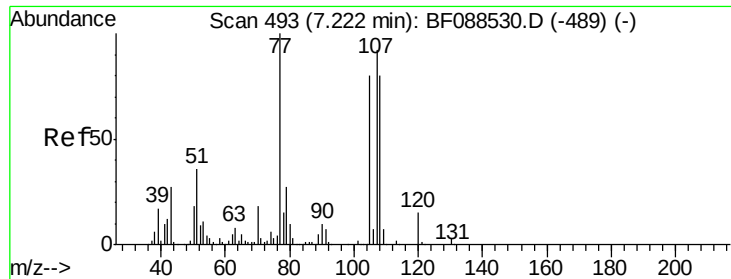
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

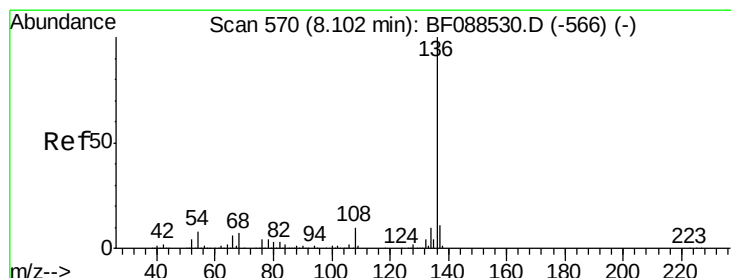
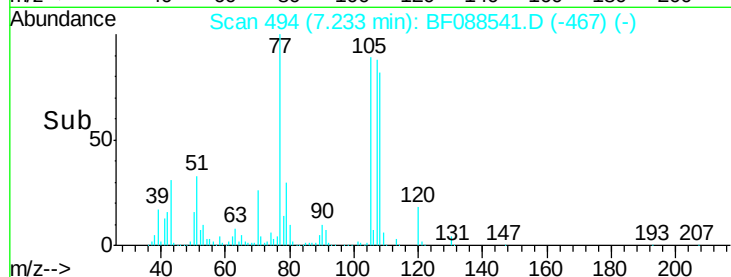
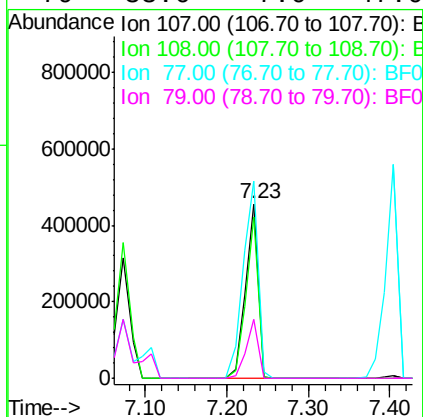
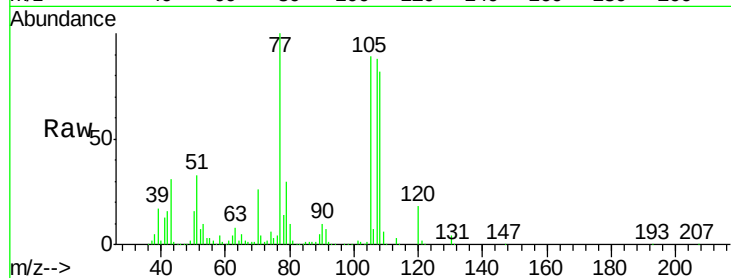




#20
3+4-Methylphenols
Concen: 43.84 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

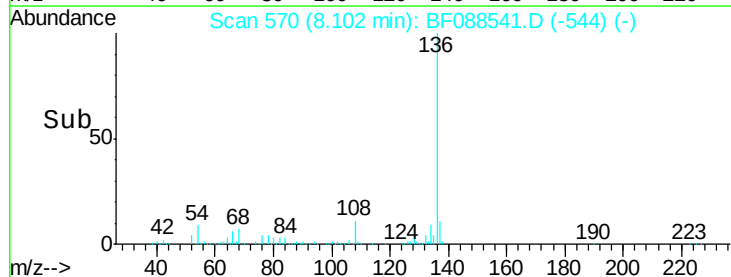
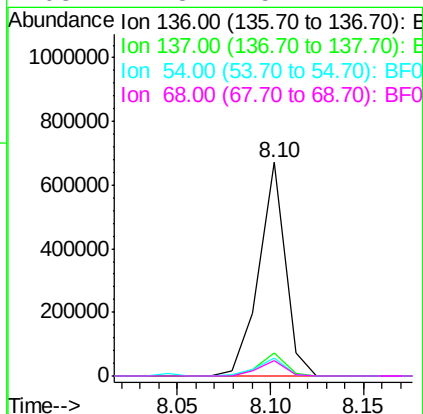
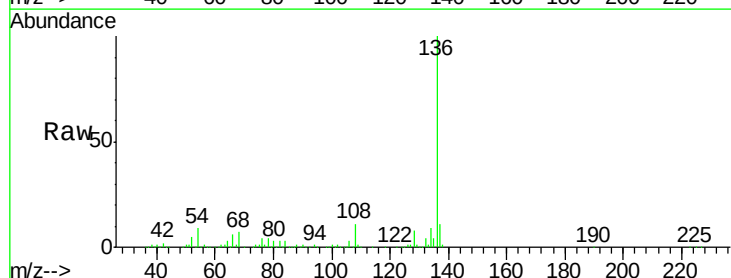
Instrument :
BNA_F
ClientSampleId :
PB91593BS

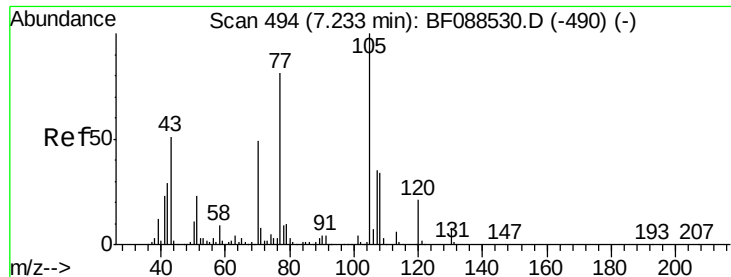
Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	67.8	107.8
77	113.2	59.3	99.3
79	33.6	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.5	6.6	10.0
68	7.3	5.1	7.7





#22

Acetophenone

Concen: 38.36 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion:105 Resp: 613059

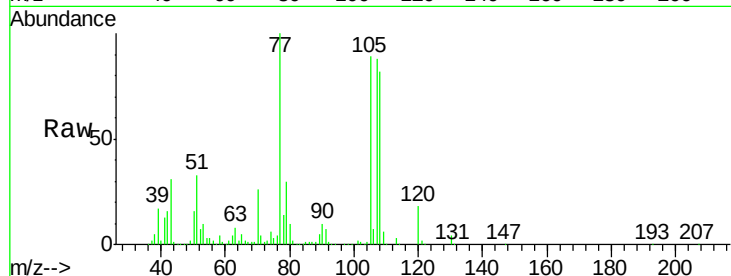
Ion Ratio Lower Upper

105 100

71 5.0 5.3 7.9#

51 36.8 18.2 27.4#

120 19.9 18.0 27.0

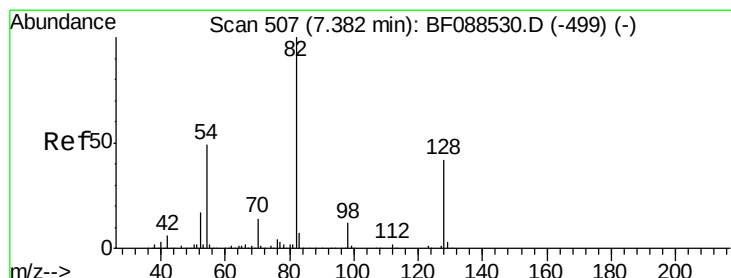
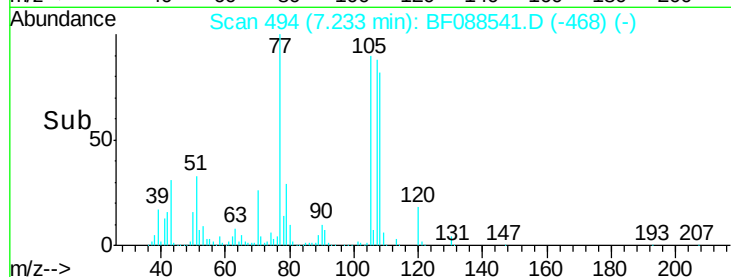
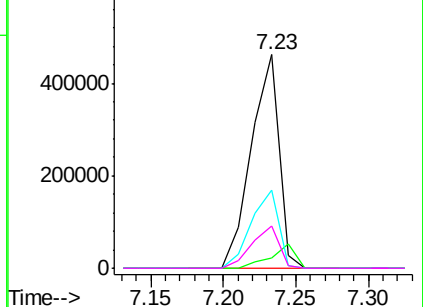


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 75.68 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

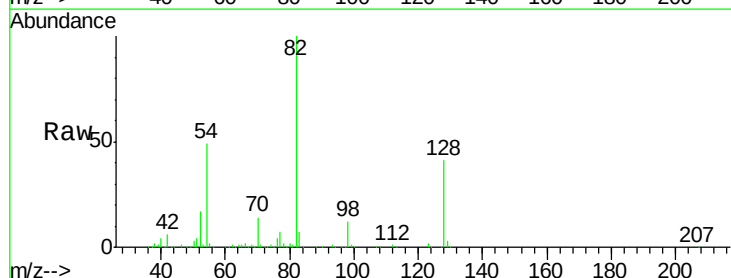
Tgt Ion: 82 Resp: 950985

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

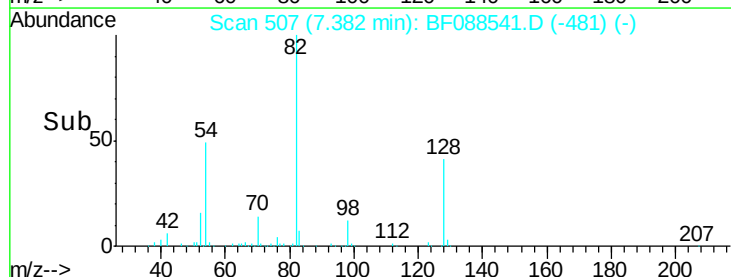
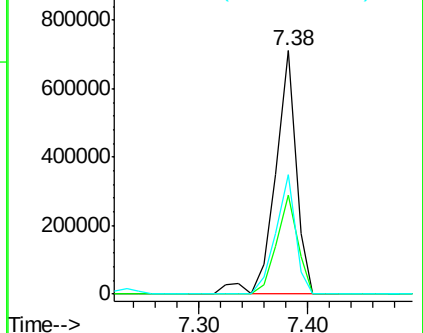
54 49.3 40.9 61.3

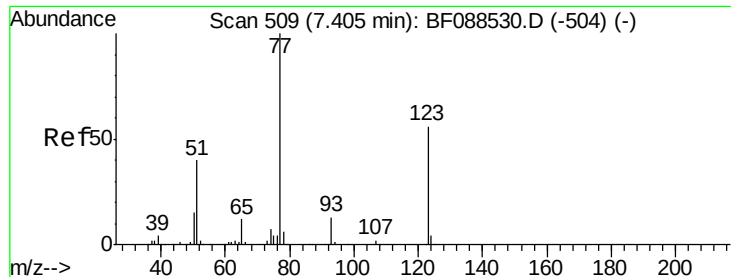


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

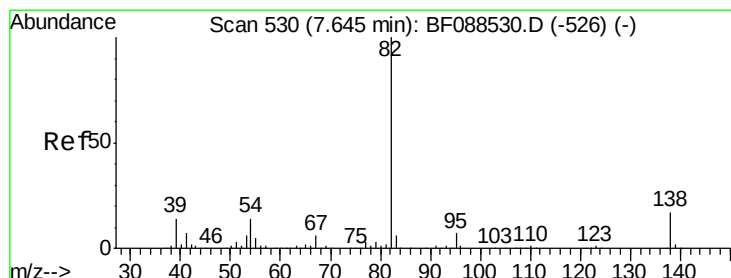
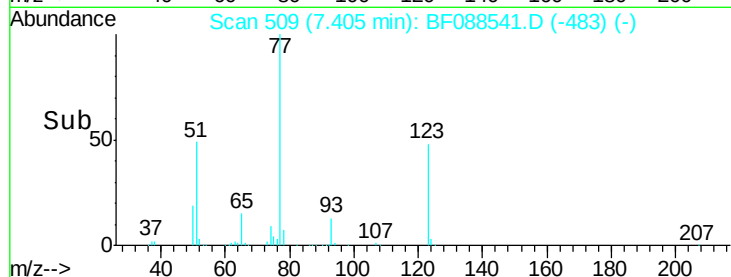
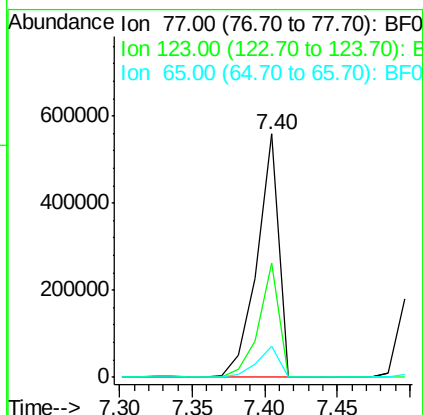
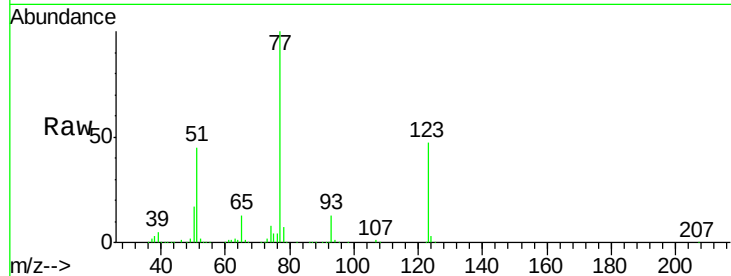




#24
 Nitrobenzene
 Concen: 45.49 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

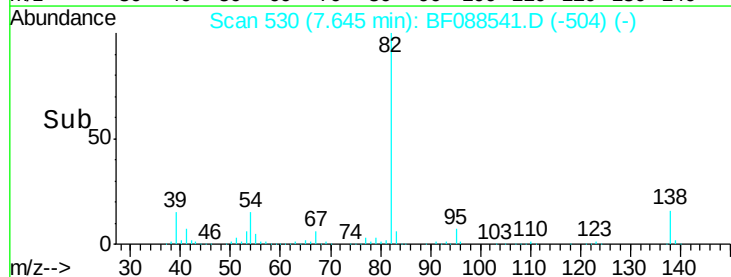
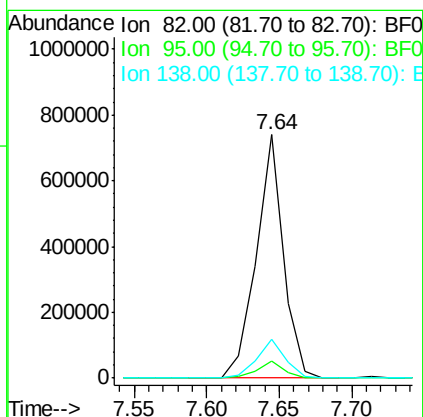
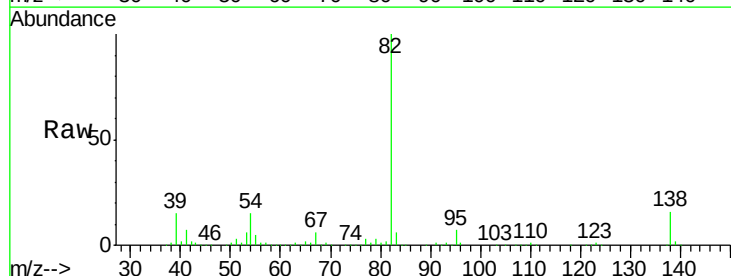
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

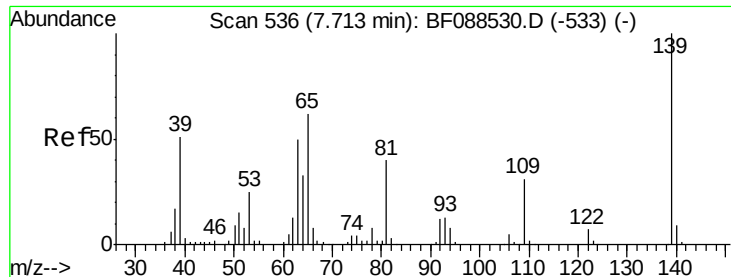
Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	45.0	67.4
65	13.0	10.2	15.2



#25
 Isophorone
 Concen: 41.22 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.0	14.6	21.8

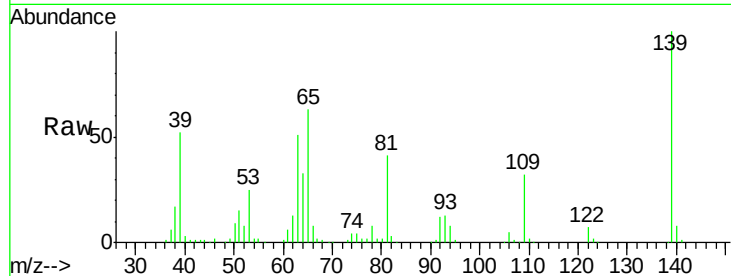




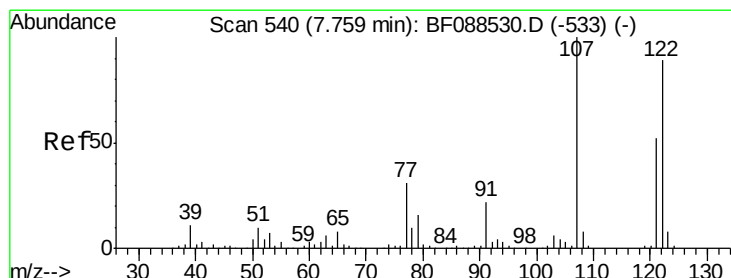
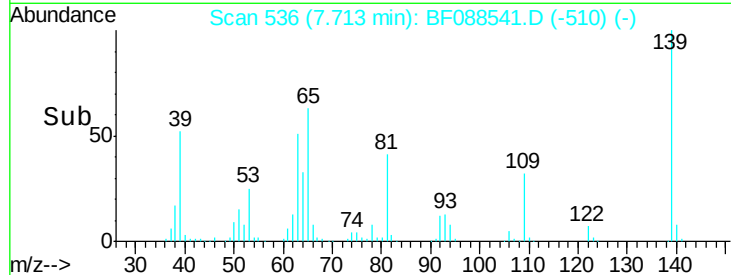
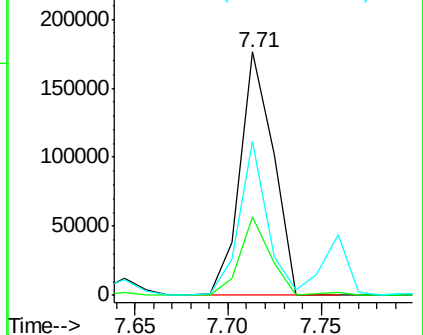
#26
2-Nitrophenol
Concen: 42.00 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion:139 Resp: 218208
Ion Ratio Lower Upper
139 100
109 32.0 23.0 34.4
65 63.2 45.8 68.8

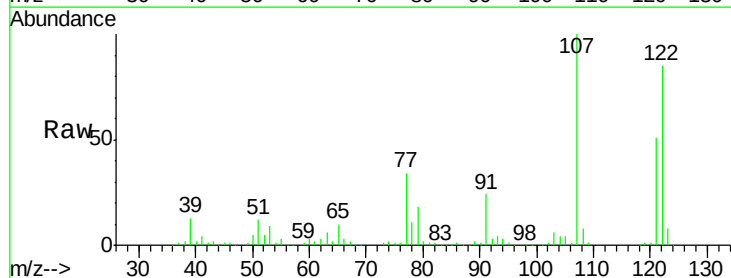


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

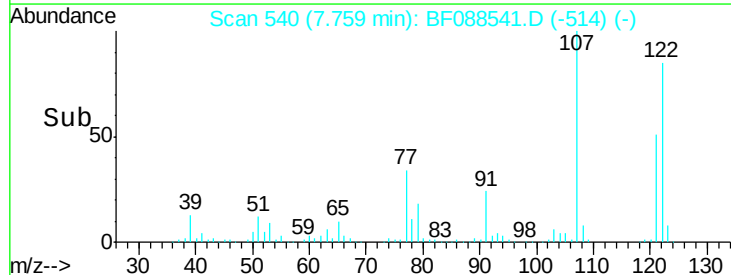
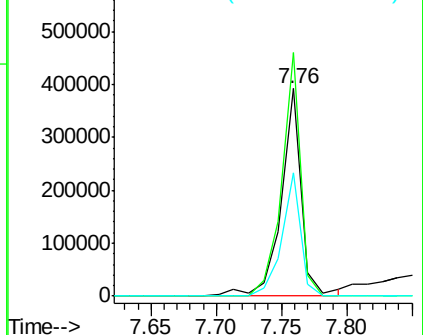


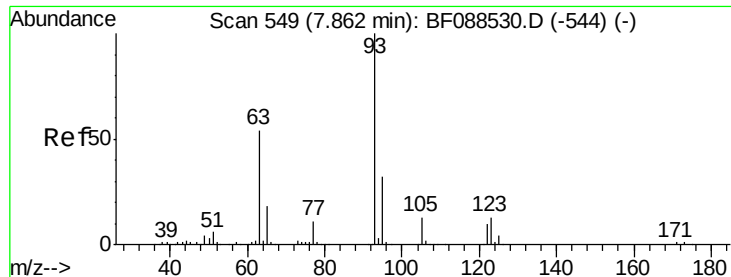
#27
2,4-Dimethylphenol
Concen: 39.50 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:122 Resp: 427389
Ion Ratio Lower Upper
122 100
107 117.4 82.4 123.6
121 59.7 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

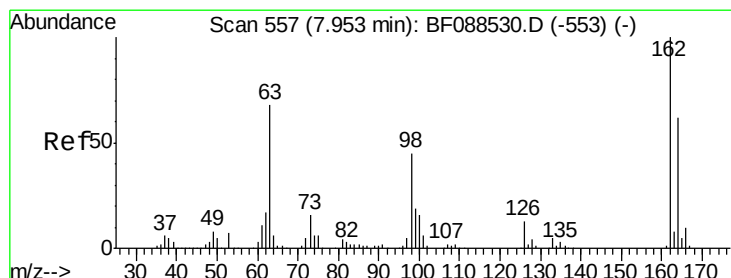
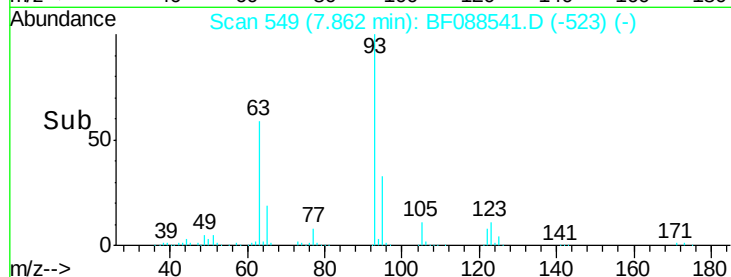
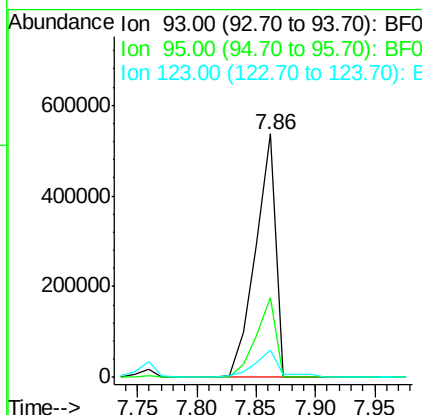
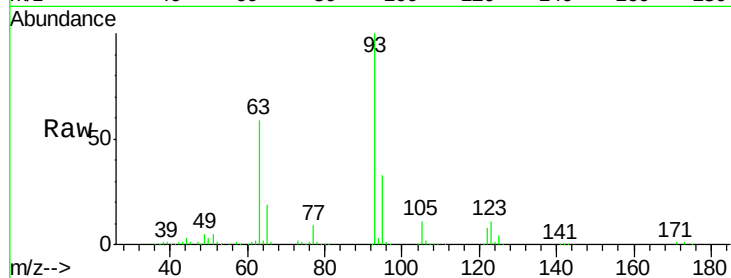




#28
 bis(2-Chloroethoxy)methane
 Concen: 42.31 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

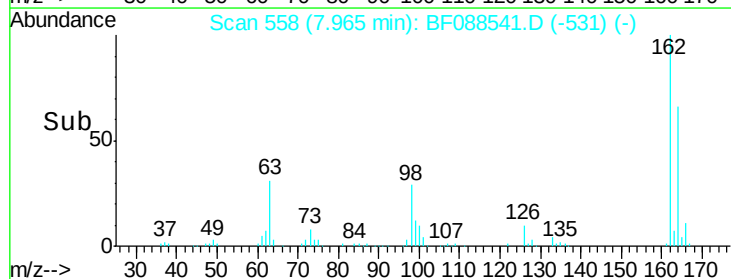
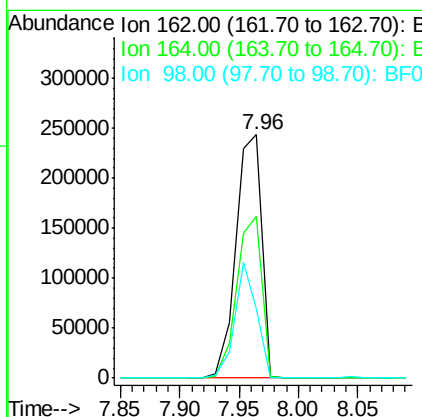
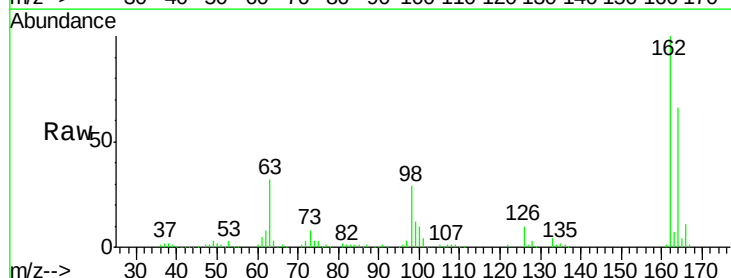
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

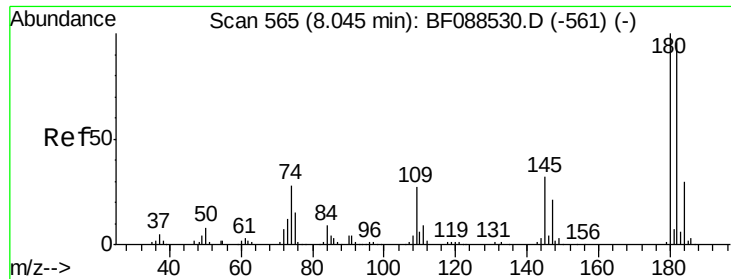
Tgt Ion: 93 Resp: 640986
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.5 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 42.06 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion: 162 Resp: 367825
 Ion Ratio Lower Upper
 162 100
 164 66.2 43.8 83.8
 98 28.7 21.3 61.3

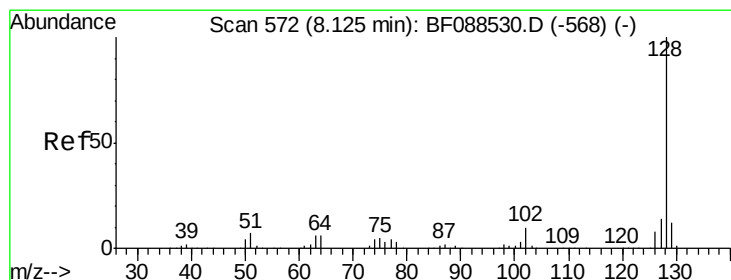
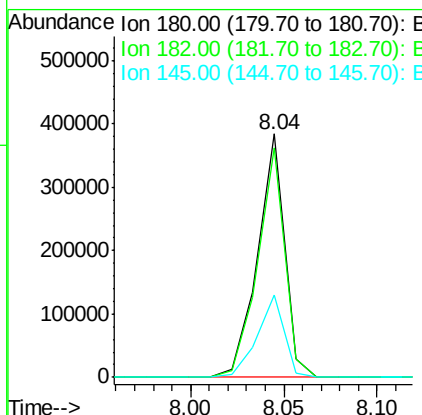
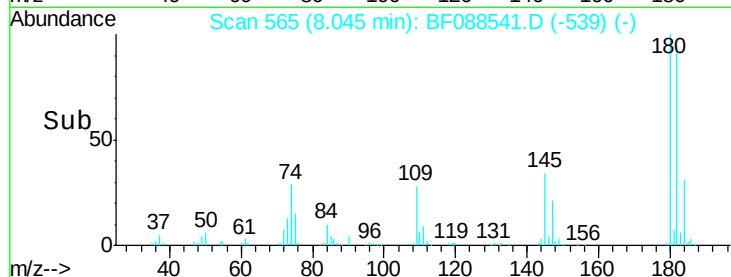
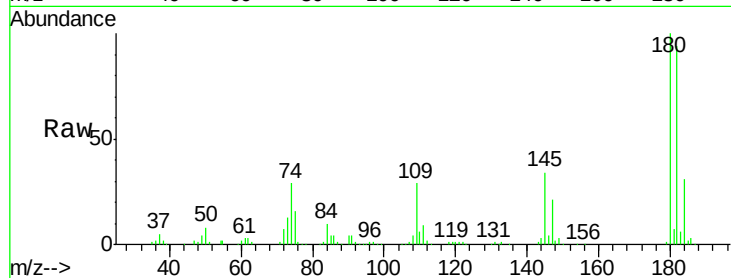




#30
 1,2,4-Trichlorobenzene
 Concen: 39.96 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

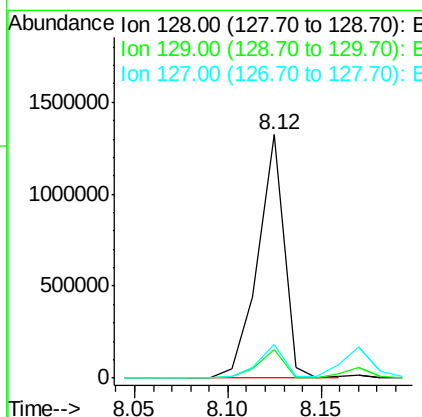
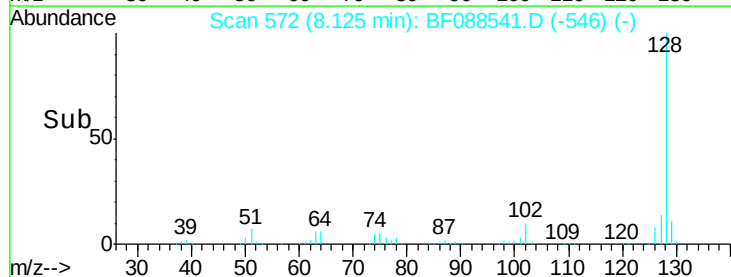
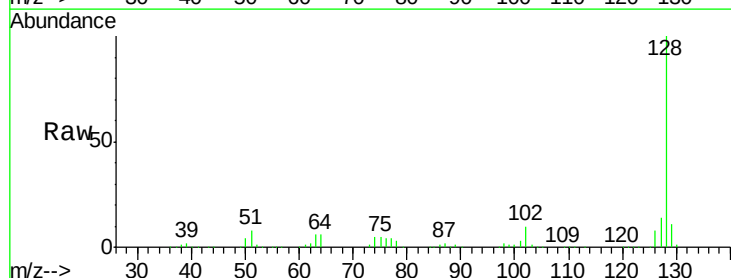
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

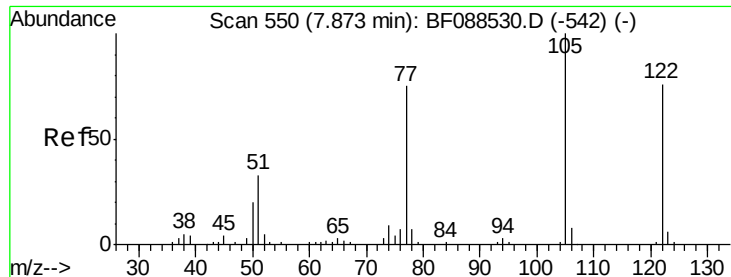
Tgt Ion:180 Resp: 383477
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.0 114.0
 145 34.0 26.5 39.7



#31
 Naphthalene
 Concen: 39.65 ng
 RT: 8.12 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:128 Resp: 1287244
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.9 10.9 16.3





#32

Benzoic acid

Concen: 36.77 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

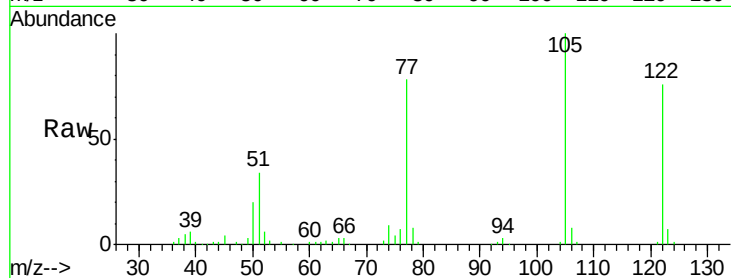
Tgt Ion:122 Resp: 288876

Ion Ratio Lower Upper

122 100

105 130.9 101.6 141.6

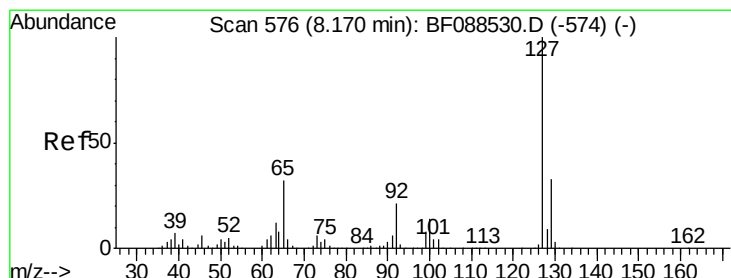
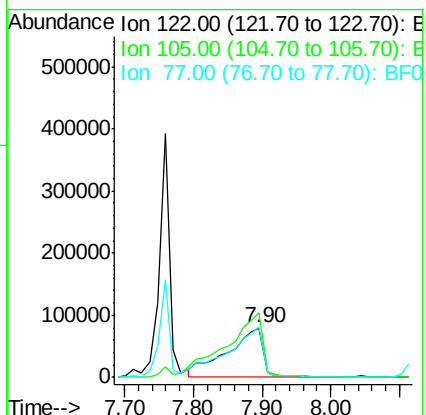
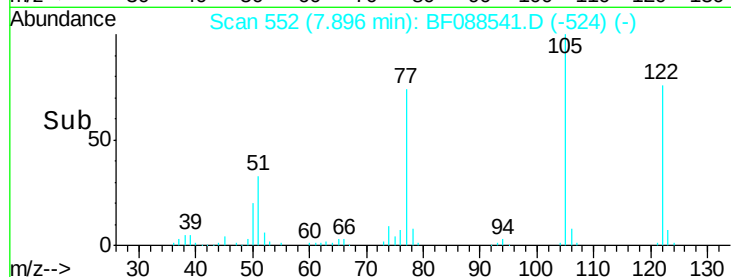
77 101.6 70.6 110.6



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: 14.06 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:127 Resp: 203076

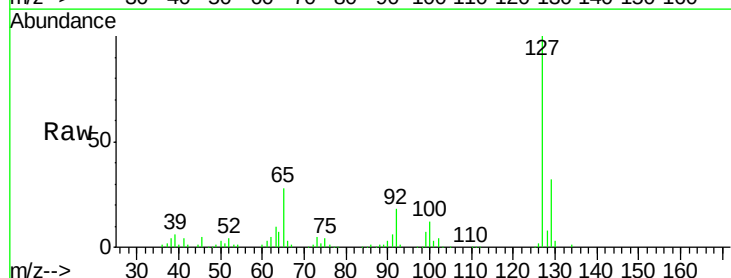
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 27.8 24.7 37.1

92 18.4 15.4 23.0

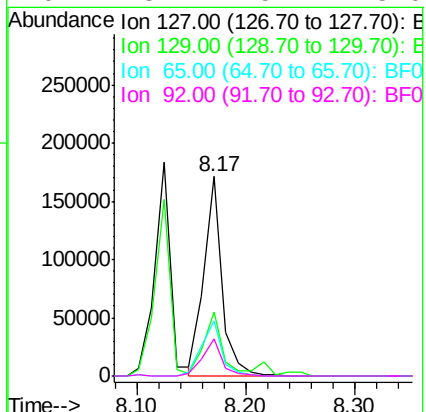
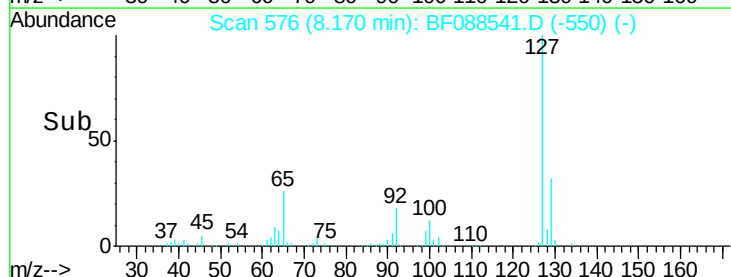


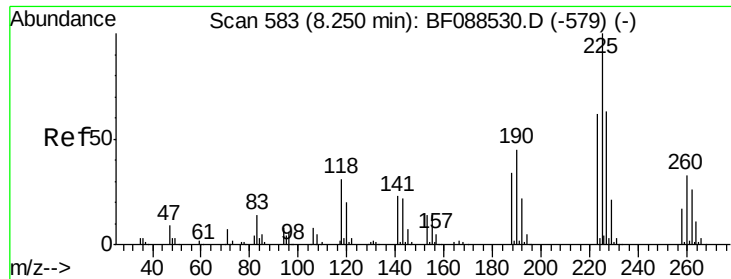
Abundance Ion 127.00 (126.70 to 127.70): E

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

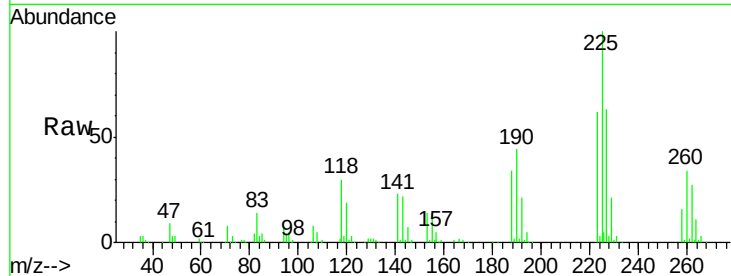




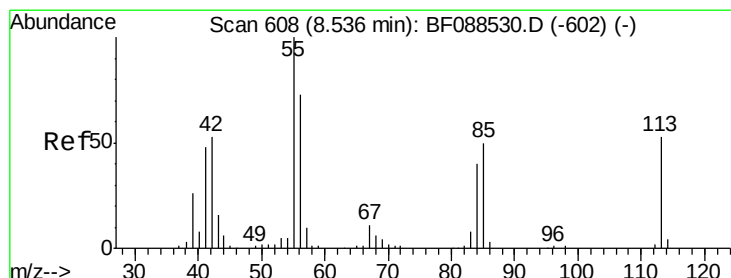
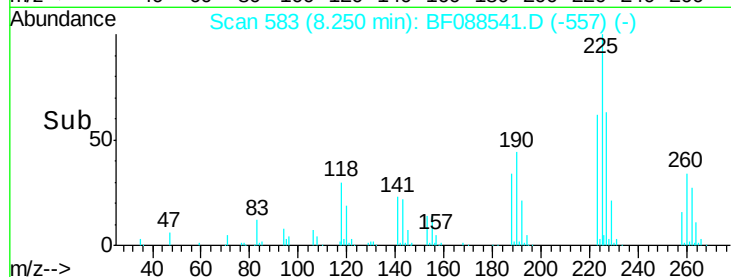
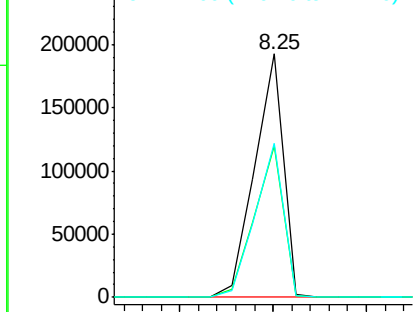
#34
Hexachlorobutadiene
Concen: 39.66 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 225 Resp: 203794
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 63.4 51.9 77.9

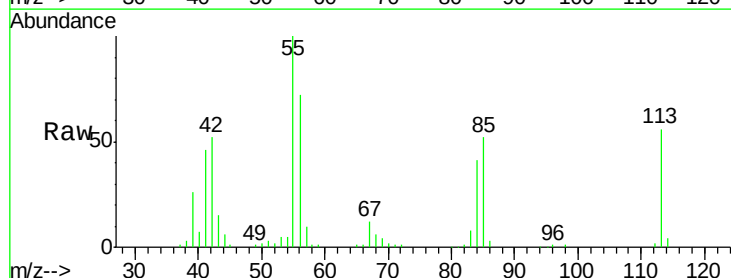


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

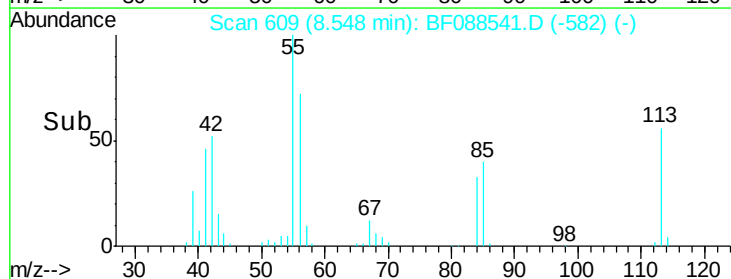
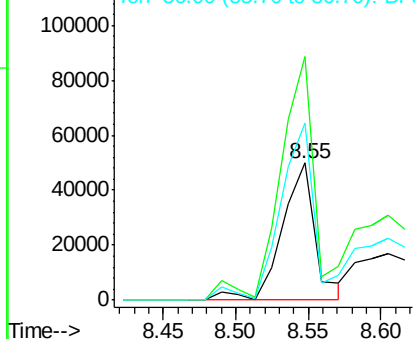


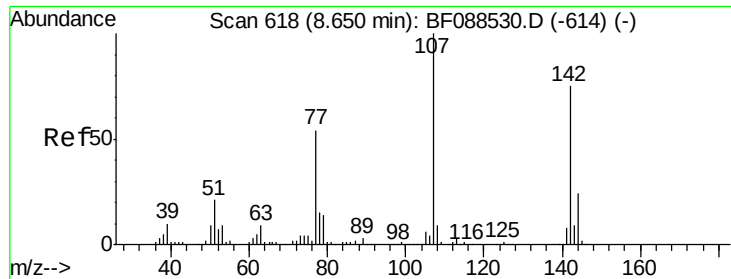
#35
Caprolactam
Concen: 26.50 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion: 113 Resp: 78701
Ion Ratio Lower Upper
113 100
55 177.6 158.6 198.6
56 128.7 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

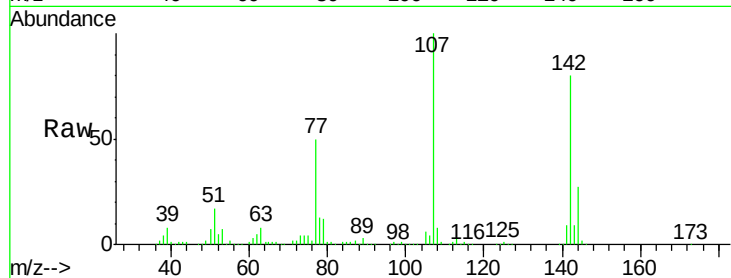




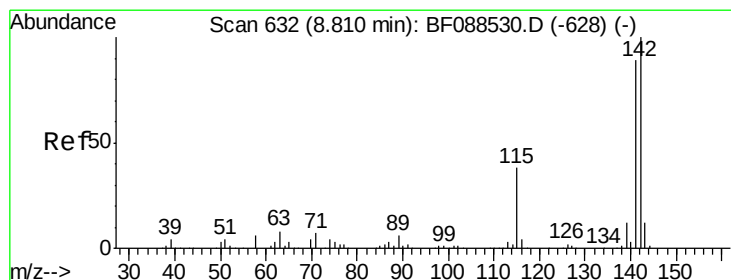
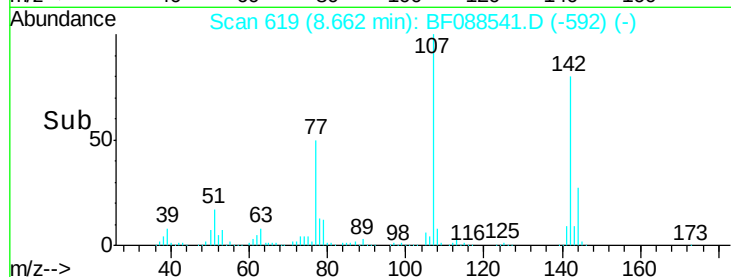
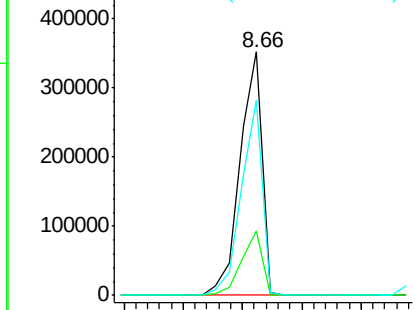
#36
 4-Chloro-3-methylphenol
 Concen: 44.06 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:107 Resp: 455629
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.8 31.2
 142 80.3 63.4 95.2

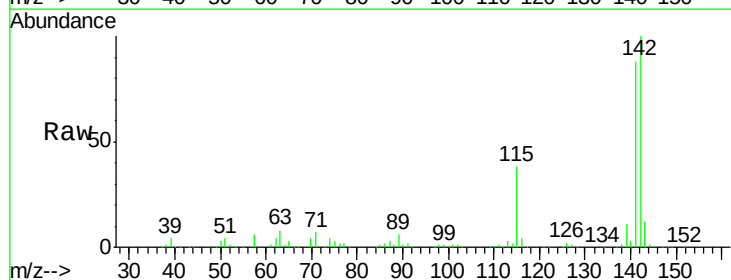


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

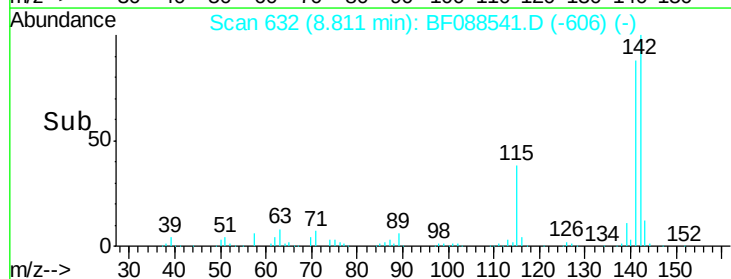
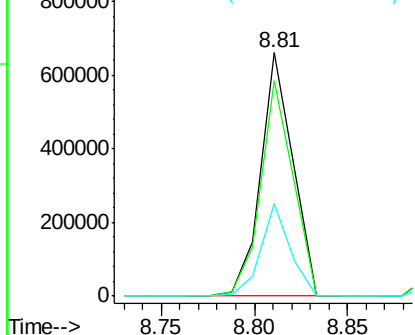


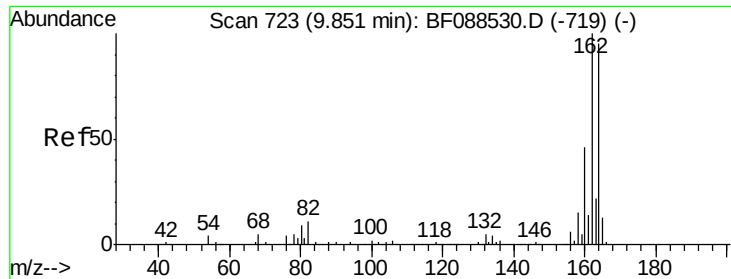
#37
 2-Methylnaphthalene
 Concen: 38.26 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:142 Resp: 799777
 Ion Ratio Lower Upper
 142 100
 141 88.5 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: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

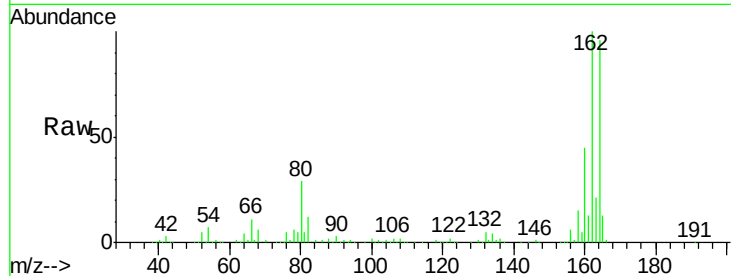
Tgt Ion:164 Resp: 293707

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

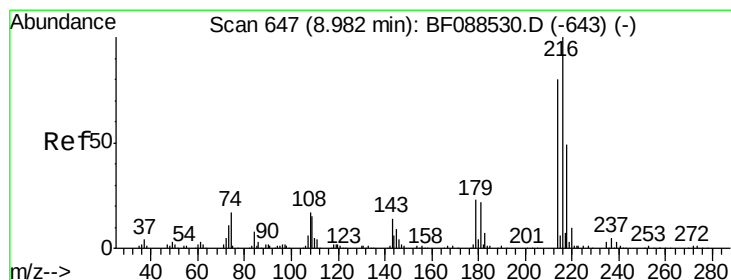
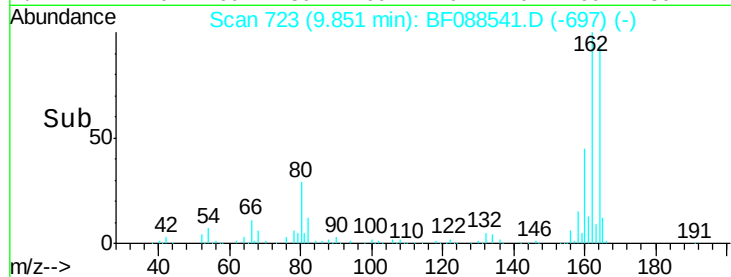
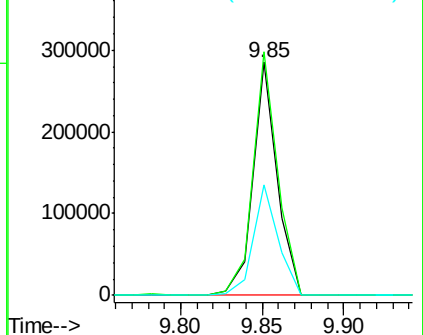
160 47.4 39.5 59.3



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: 32.64 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:216 Resp: 318885

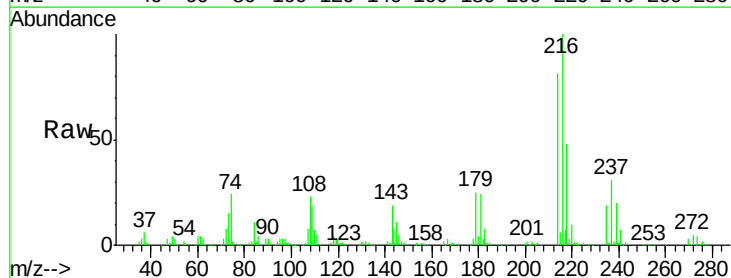
Ion Ratio Lower Upper

216 100

214 80.6 2.9 4.3#

179 24.7 0.0 0.0#

108 27.5 0.5 0.7#

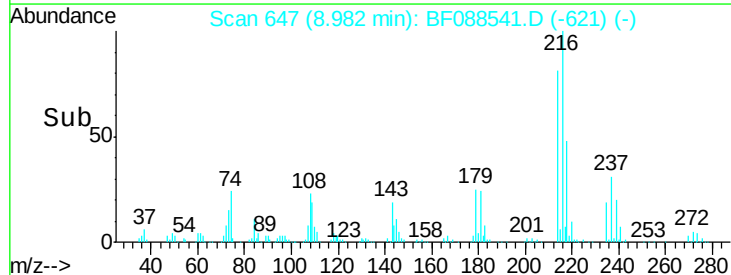
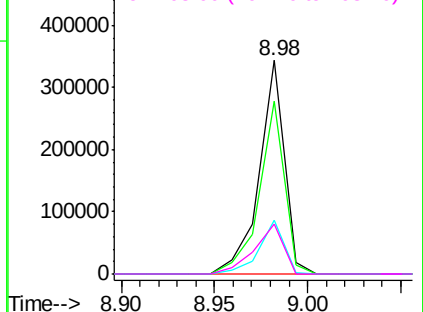


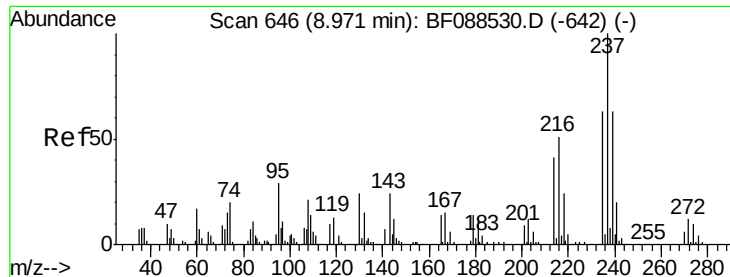
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.11 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

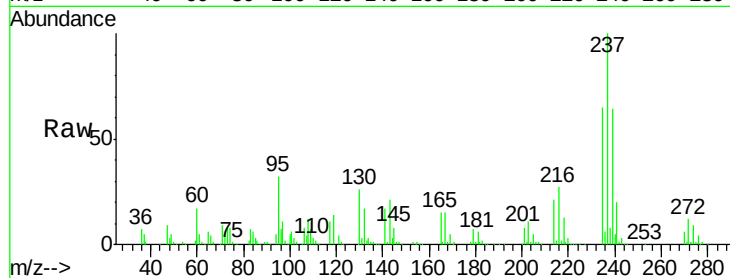
Tgt Ion:237 Resp: 345758

Ion Ratio Lower Upper

237 100

235 65.3 43.4 83.4

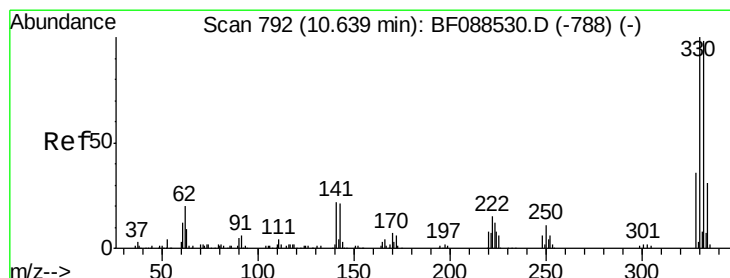
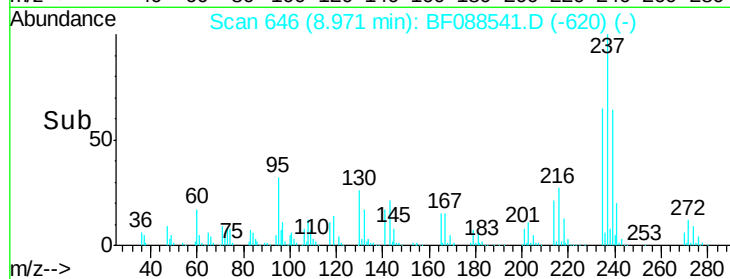
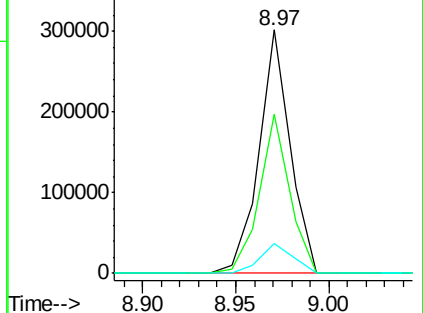
272 12.1 0.0 32.3



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: 106.98 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

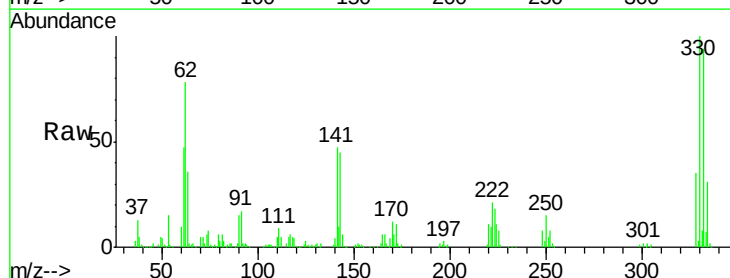
Tgt Ion:330 Resp: 291770

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

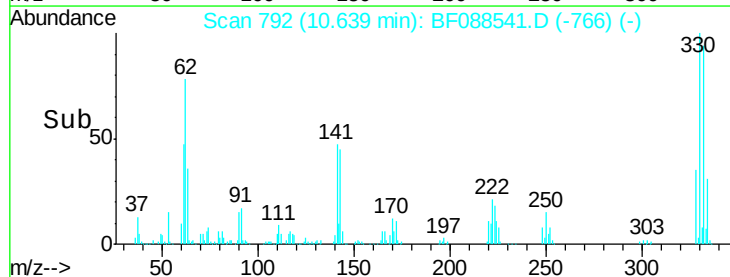
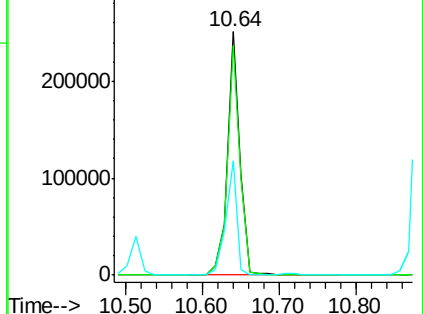
141 41.9 0.0 0.0#

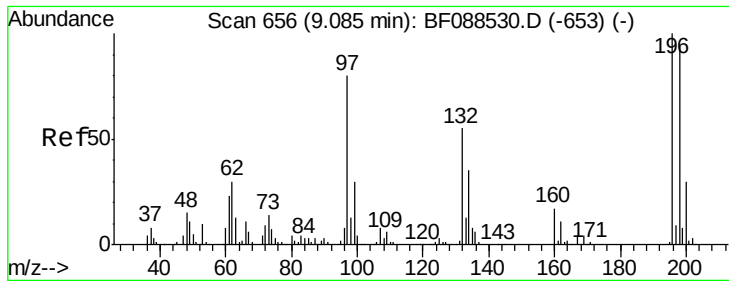


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

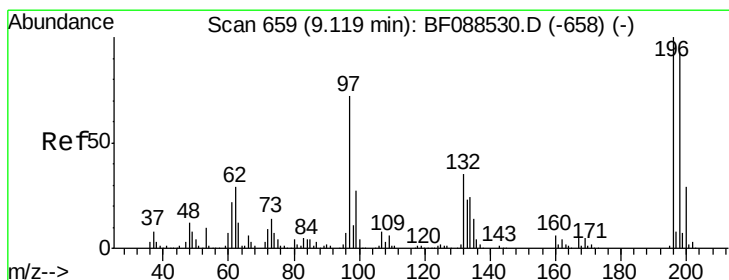
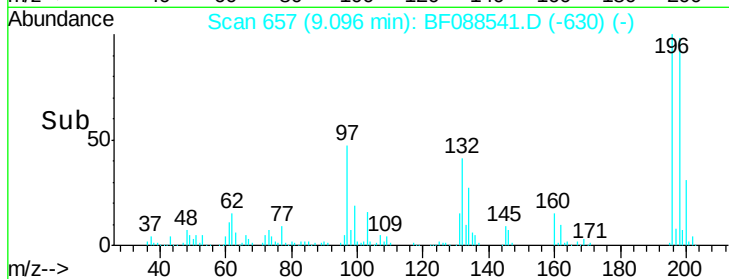
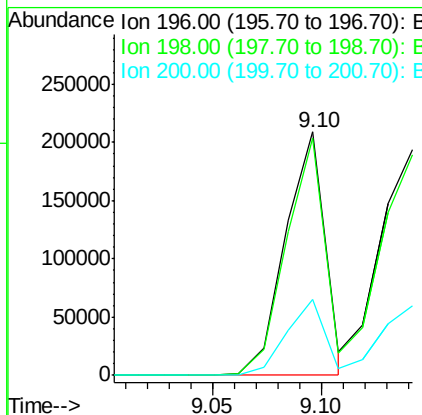
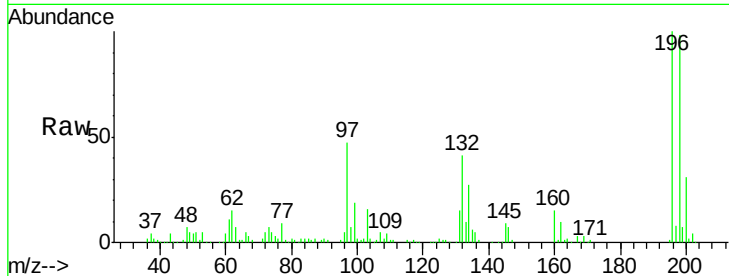




#42
 2,4,6-Trichlorophenol
 Concen: 41.22 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

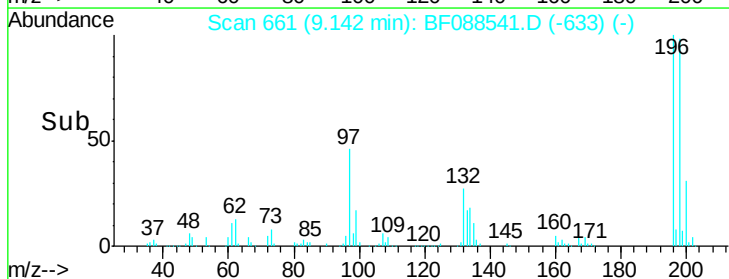
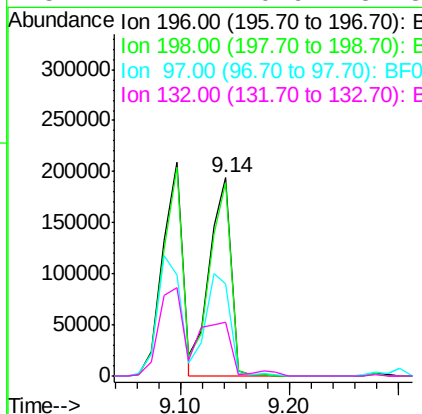
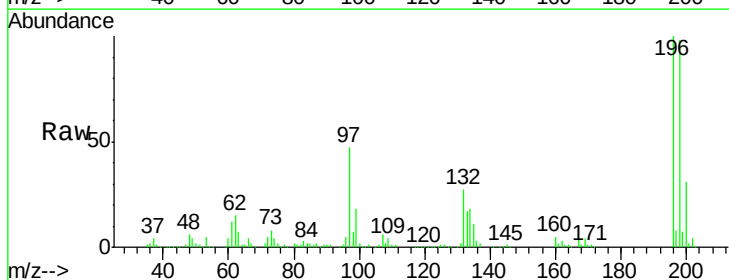
Instrument :
 BNA_F
 ClientSampled :
 PB91593BS

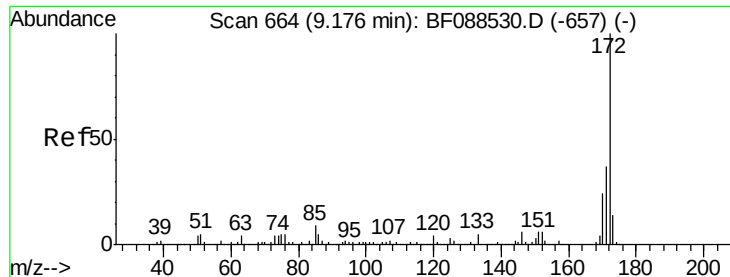
Tgt Ion:196 Resp: 265504
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.0 117.0
 200 31.1 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 48.56 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:196 Resp: 269109
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.5 116.3
 97 46.7 32.0 48.0
 132 27.2 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 82.21 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

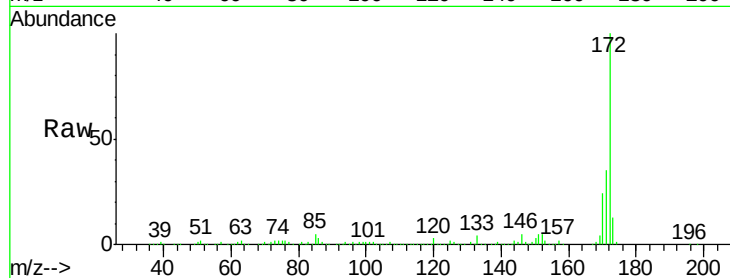
Tgt Ion:172 Resp: 1528705

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

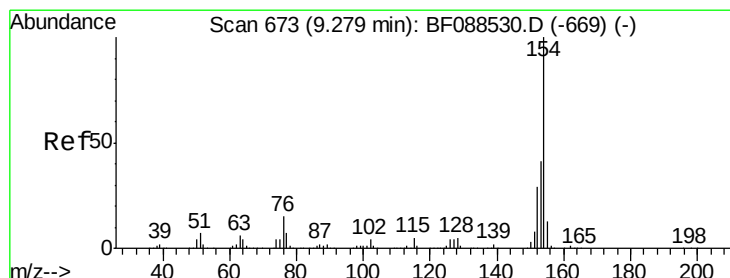
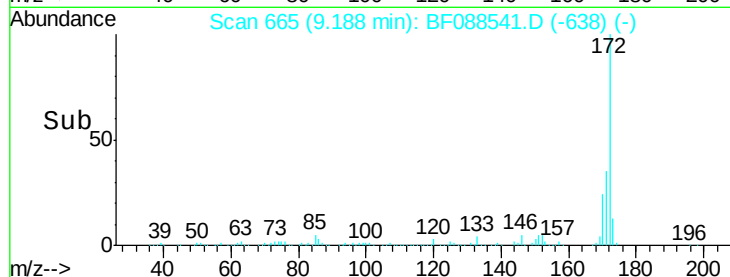
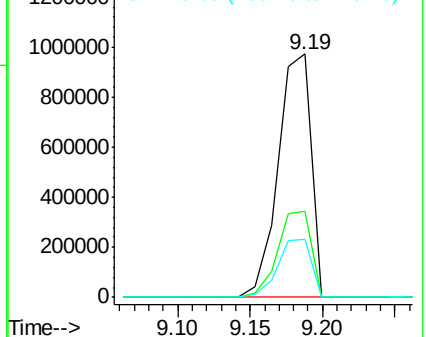
170 23.7 19.2 28.8



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: 37.30 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

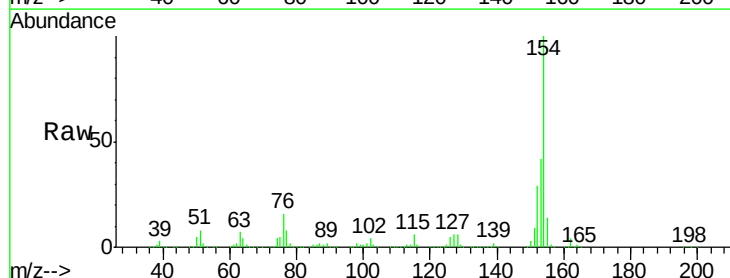
Tgt Ion:154 Resp: 907142

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

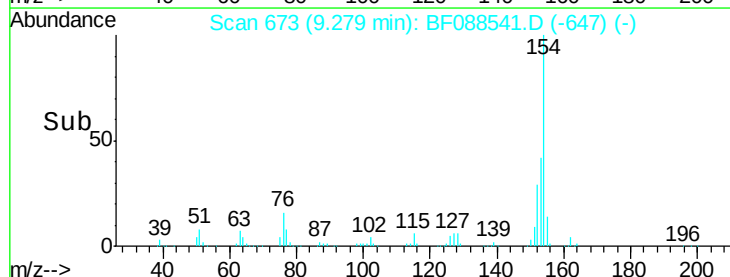
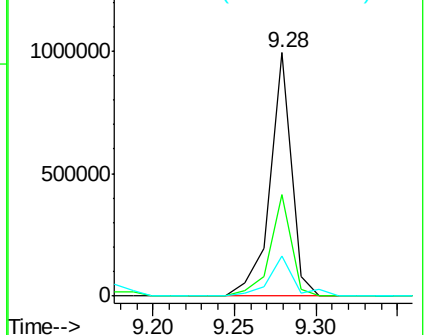
76 16.4 0.0 35.1

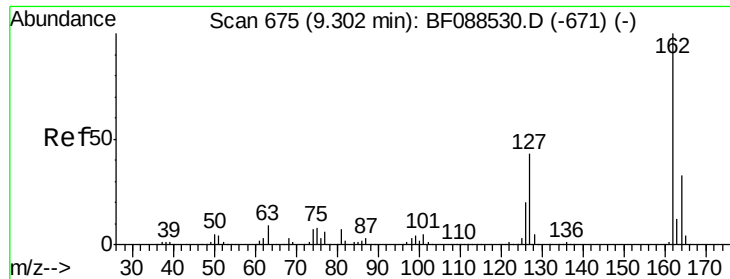


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

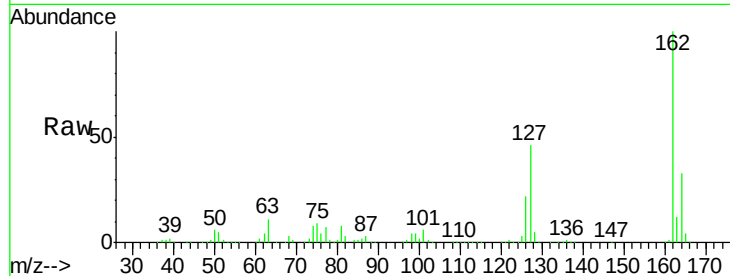




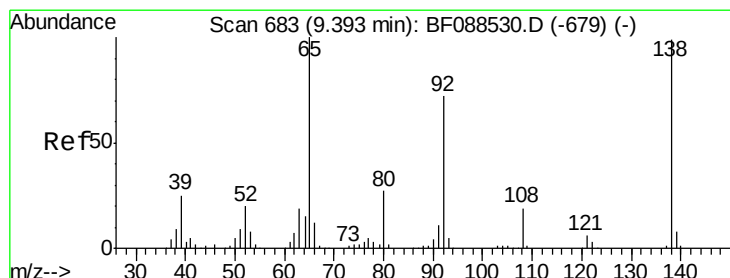
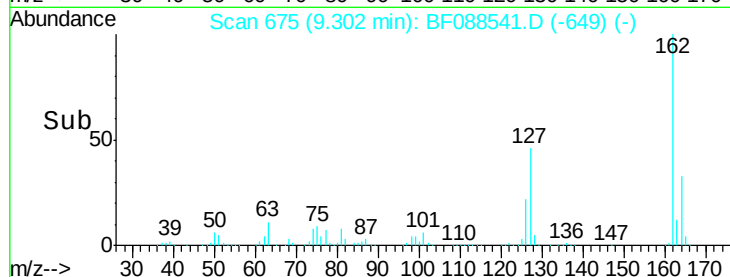
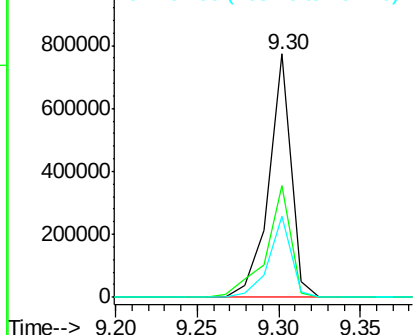
#46
 2-Chloronaphthalene
 Concen: 38.74 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion: 162 Resp: 739700
 Ion Ratio Lower Upper
 162 100
 127 46.0 35.2 52.8
 164 33.4 26.6 39.8

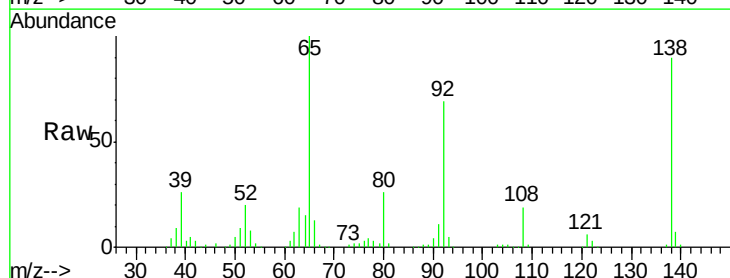


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

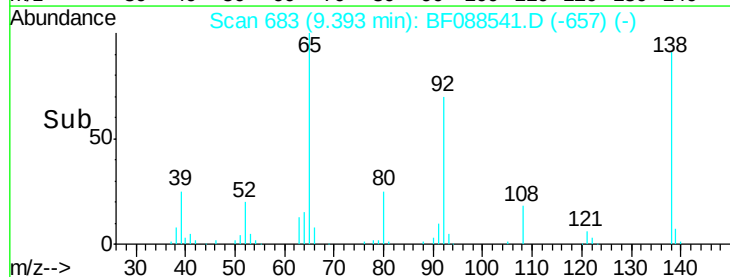
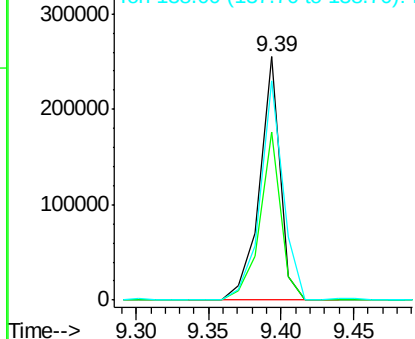


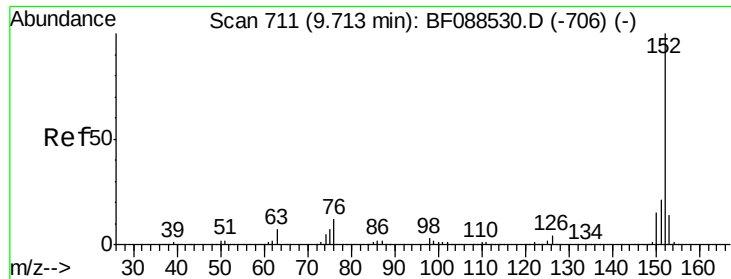
#47
 2-Nitroaniline
 Concen: 37.10 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion: 65 Resp: 251399
 Ion Ratio Lower Upper
 65 100
 92 69.1 54.6 82.0
 138 90.3 77.0 115.4



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

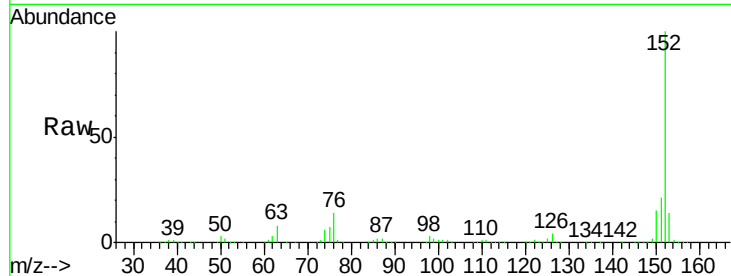




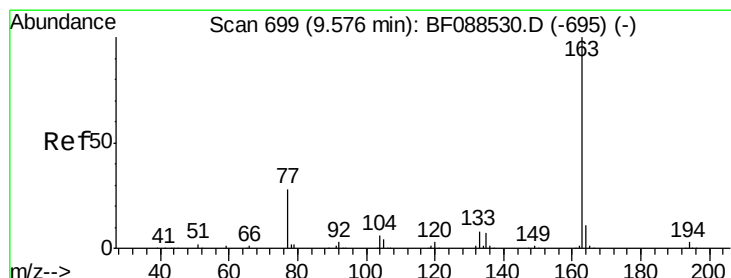
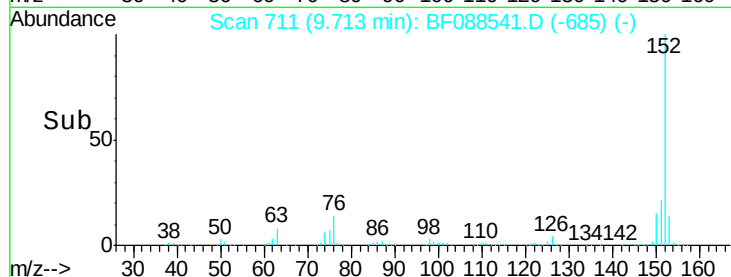
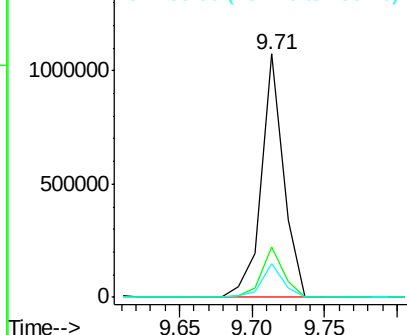
#48
Acenaphthylene
Concen: 37.52 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion:152 Resp: 1139826
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.8 11.0 16.6

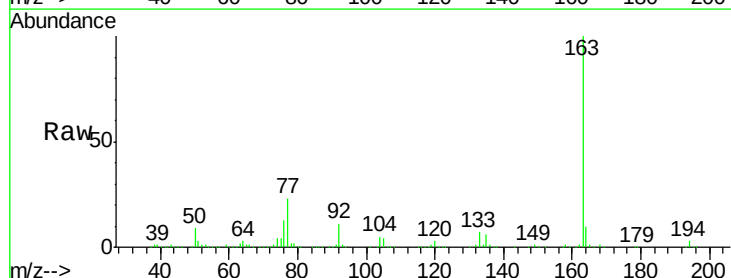


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

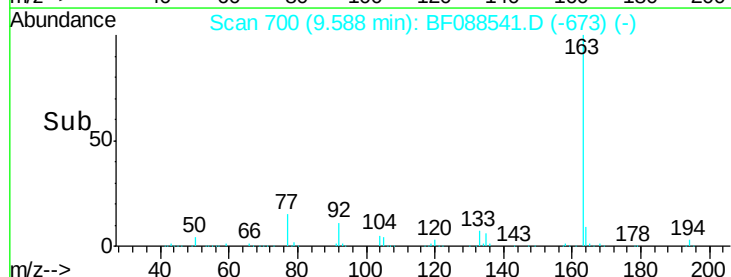
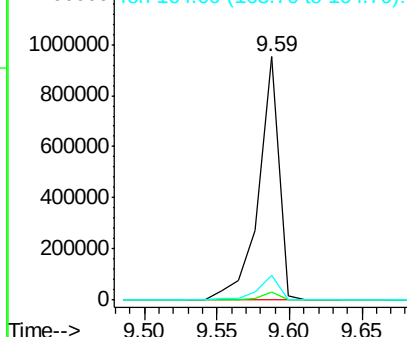


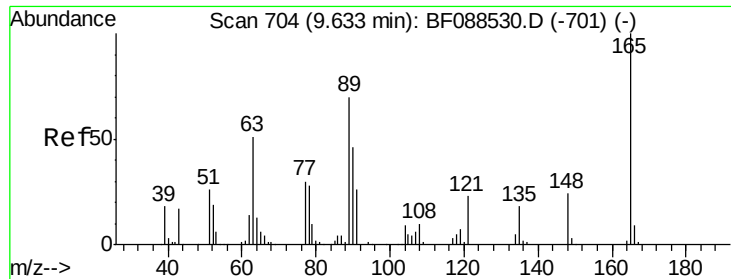
#49
Dimethylphthalate
Concen: 44.38 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:163 Resp: 928729
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.3 12.5



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

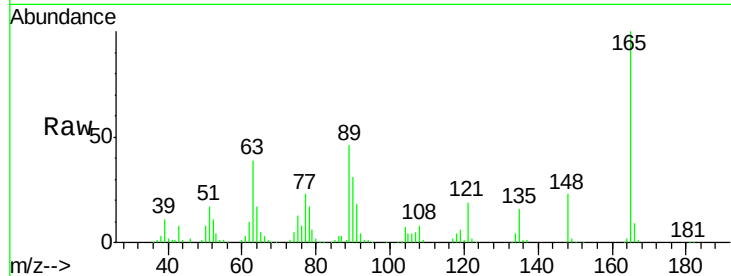




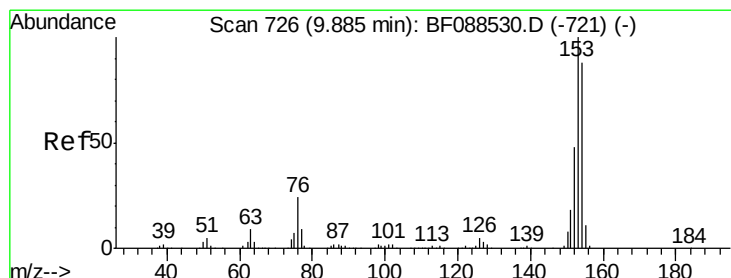
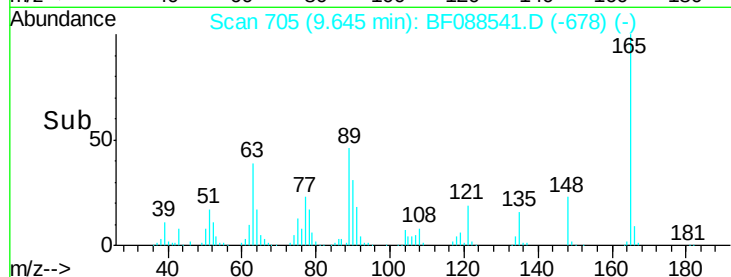
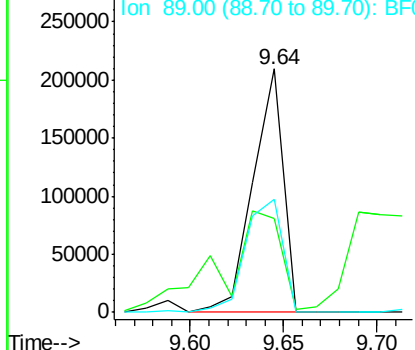
#50
2,6-Dinitrotoluene
Concen: 50.19 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion:165 Resp: 232757
Ion Ratio Lower Upper
165 100
63 38.8 28.1 42.1
89 46.2 32.2 48.2

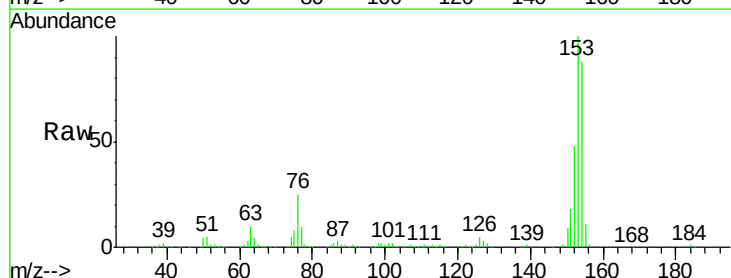


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

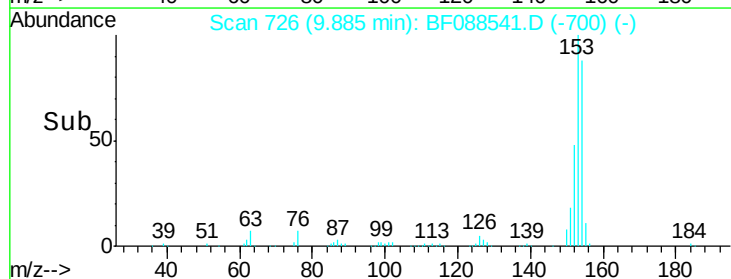
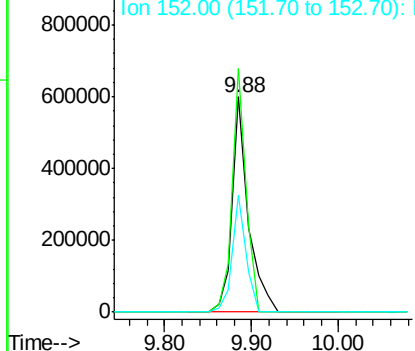


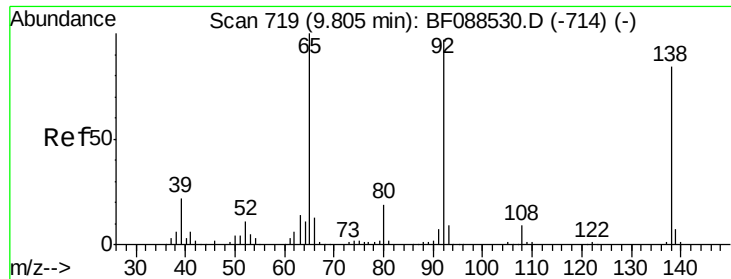
#51
Acenaphthene
Concen: 41.32 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:154 Resp: 769431
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

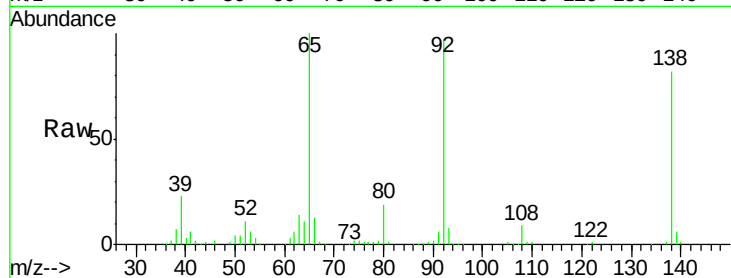




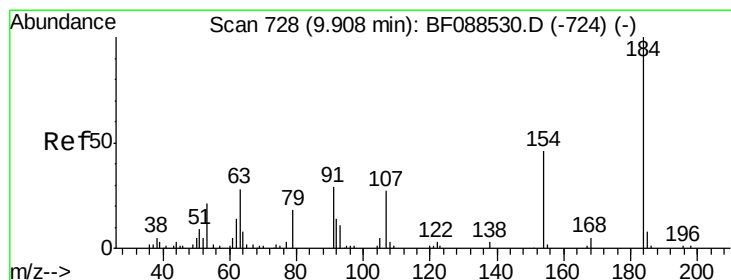
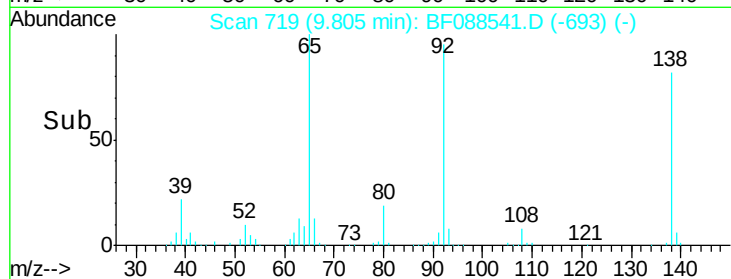
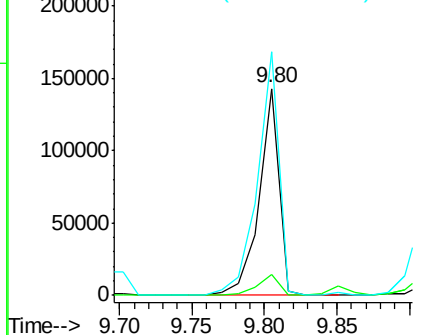
#52
 3-Nitroaniline
 Concen: 23.12 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:138 Resp: 136270
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.5 12.7
 92 117.7 95.7 143.5

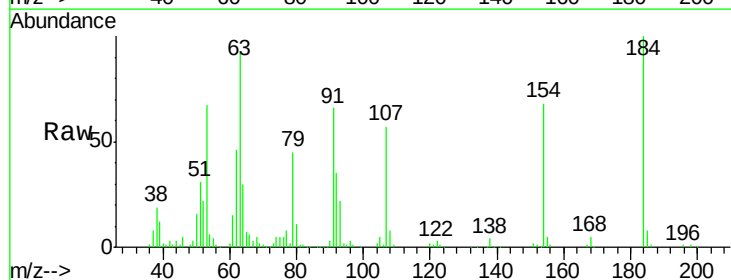


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

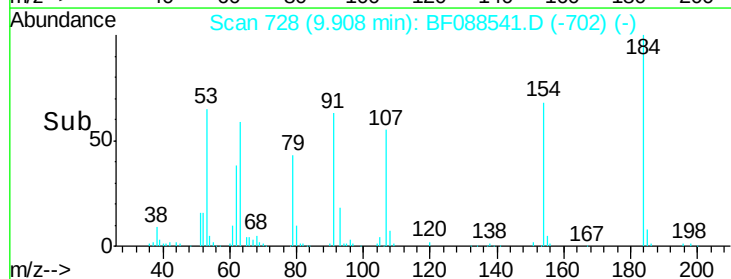
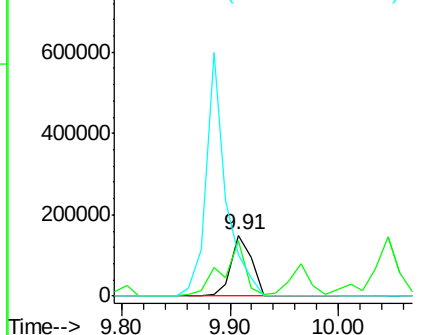


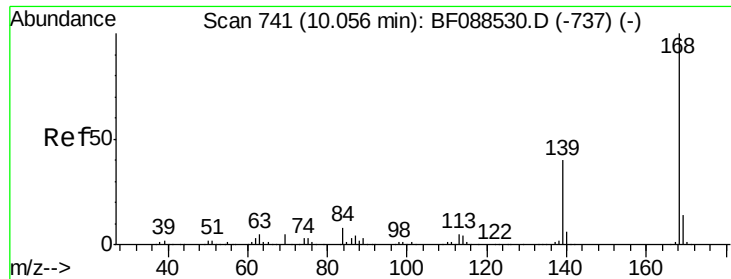
#53
 2,4-Dinitrophenol
 Concen: 95.91 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:184 Resp: 196393
 Ion Ratio Lower Upper
 184 100
 63 91.8 57.6 86.4#
 154 67.9 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

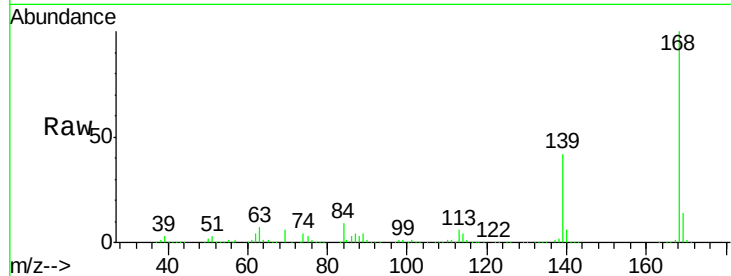




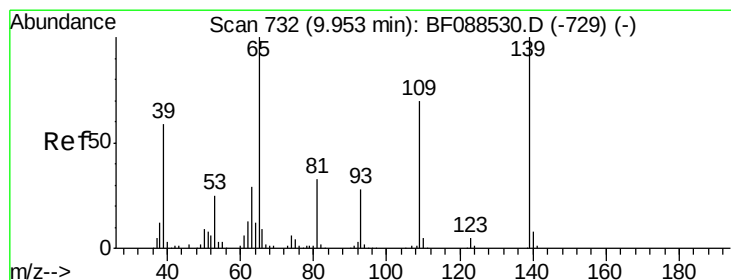
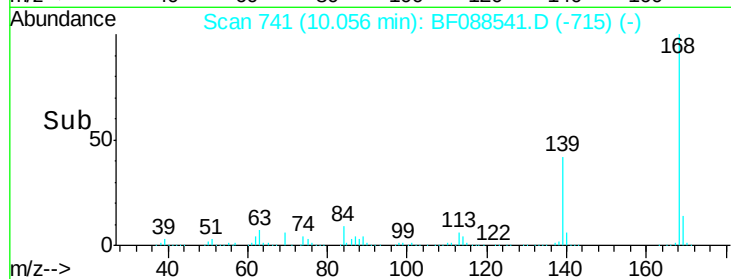
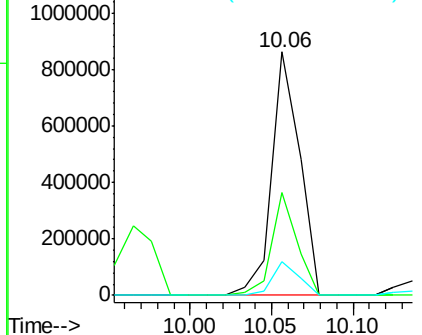
#54
Dibenzenofuran
Concen: 42.02 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion:168 Resp: 1024223
Ion Ratio Lower Upper
168 100
139 42.4 26.4 39.6#
169 14.1 10.4 15.6

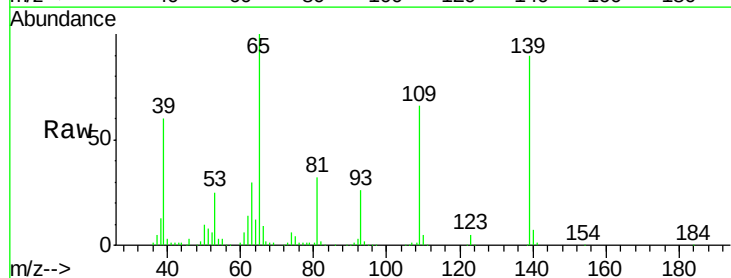


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

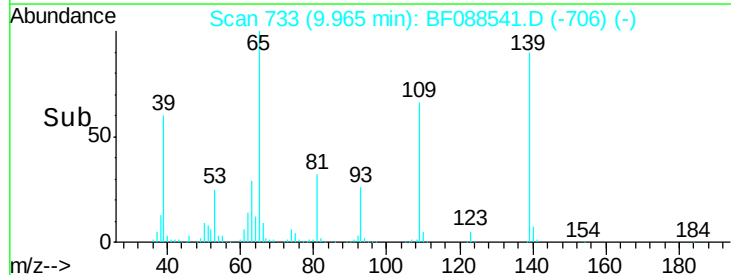
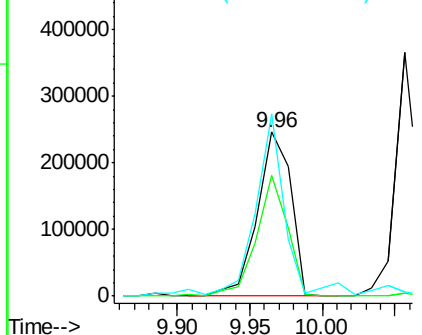


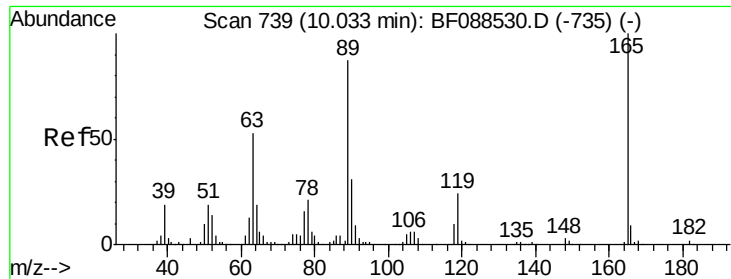
#55
4-Nitrophenol
Concen: 87.82 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:139 Resp: 393425
Ion Ratio Lower Upper
139 100
109 73.9 48.9 88.9
65 111.4 84.9 124.9



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

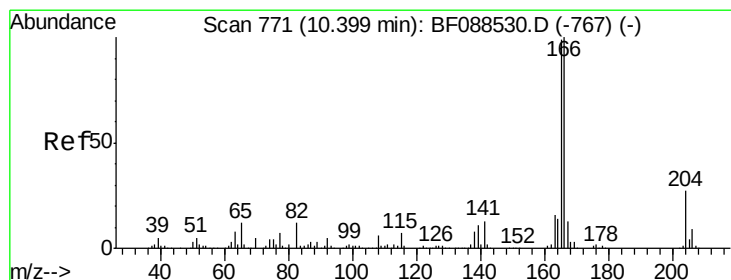
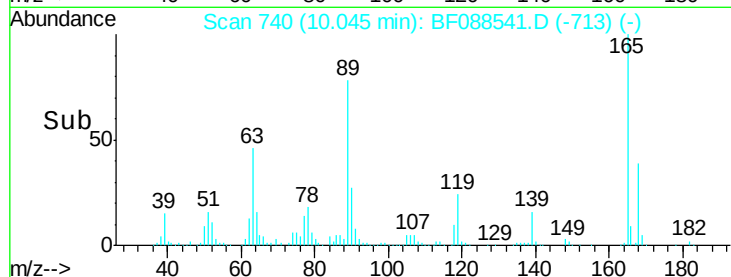
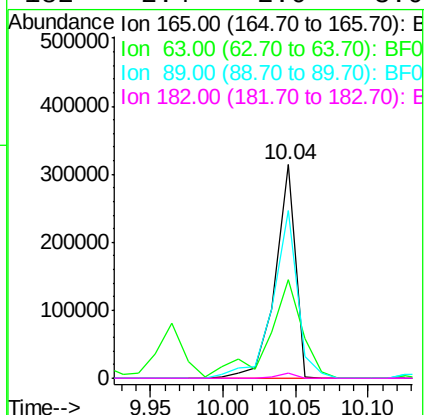
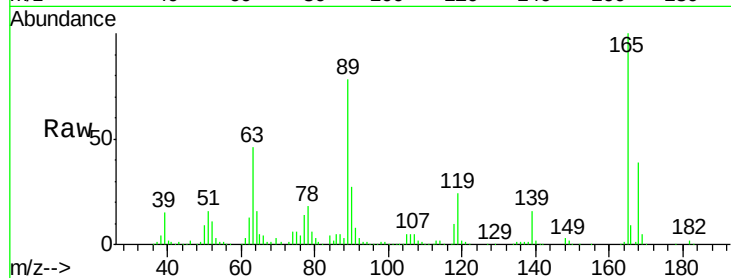




#56
2,4-Dinitrotoluene
Concen: 49.78 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

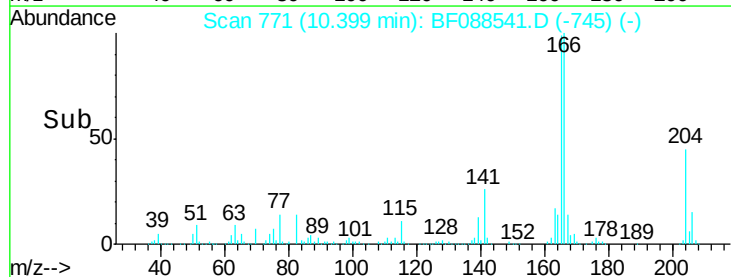
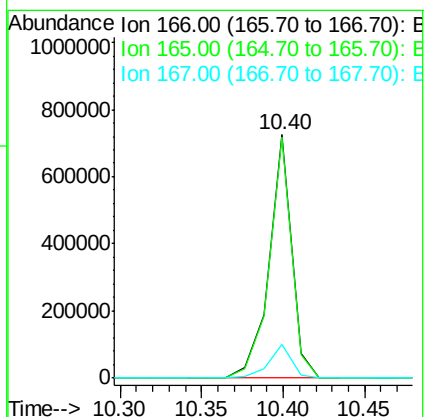
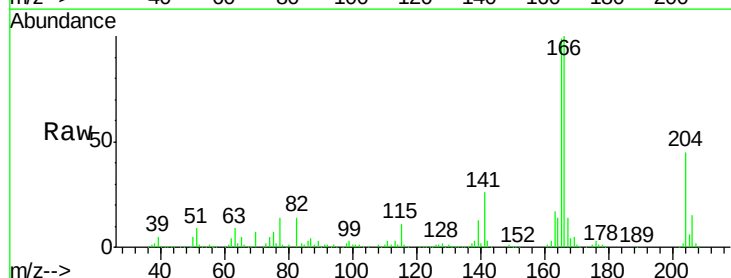
Instrument :
BNA_F
ClientSampleId :
PB91593BS

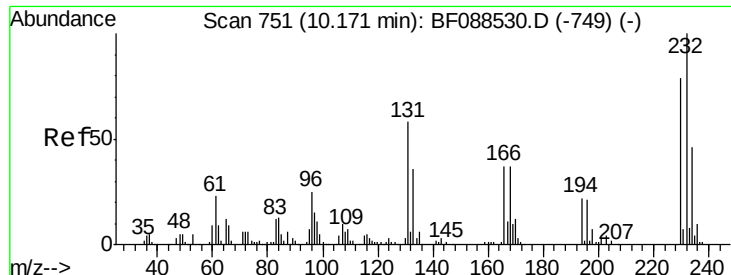
Tgt Ion:	165	Resp:	301866
Ion	Ratio	Lower	Upper
165	100		
63	46.4	22.0	33.0#
89	78.4	41.1	61.7#
182	2.4	2.0	3.0



#57
Fluorene
Concen: 37.14 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:	166	Resp:	697616
Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	13.8	11.2	16.8

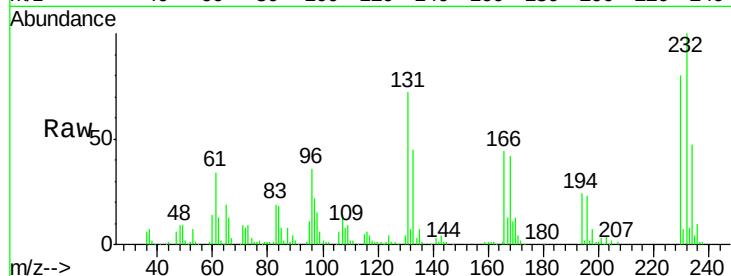




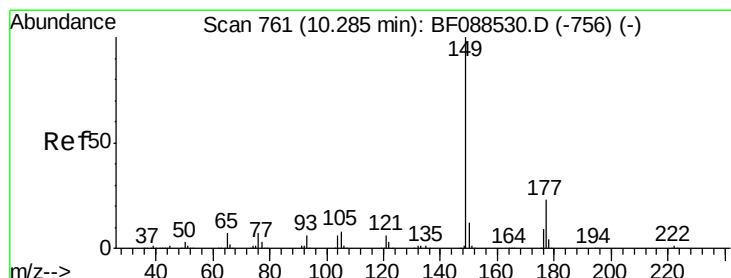
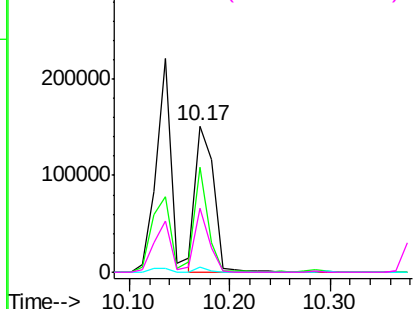
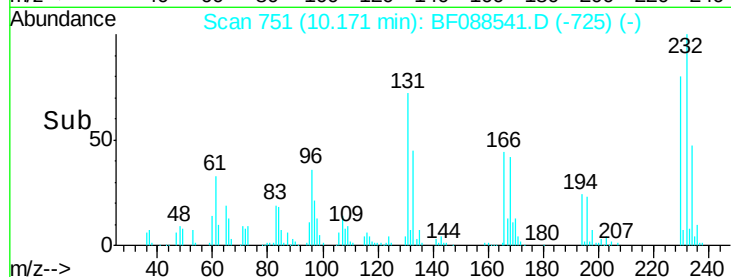
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.37 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion: 232 Resp: 190225
 Ion Ratio Lower Upper
 232 100
 131 55.7 0.9 1.3#
 130 2.8 1.5 2.3#
 166 36.4 0.5 0.7#

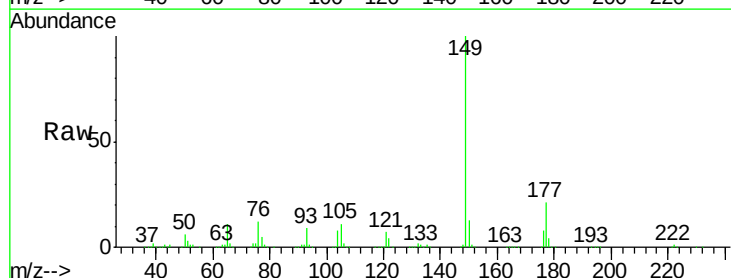


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

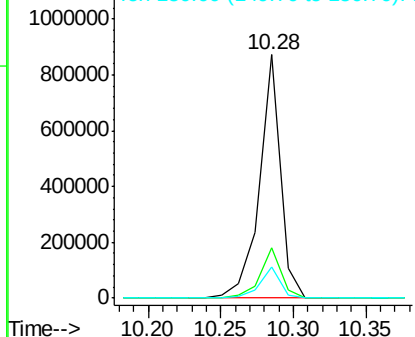
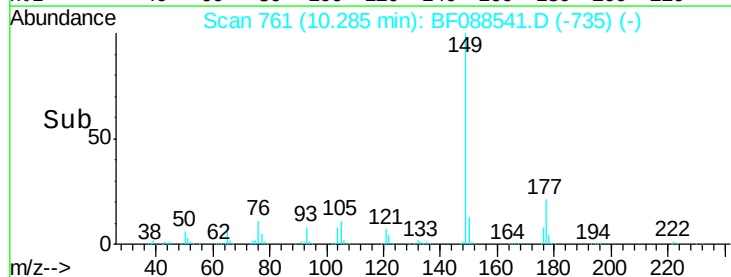


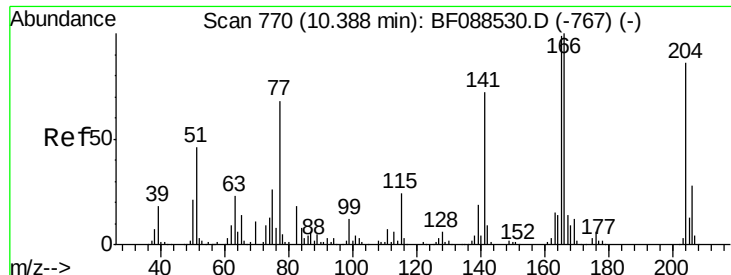
#59
 Diethylphthalate
 Concen: 41.74 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion: 149 Resp: 876561
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.9 25.3
 150 12.9 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

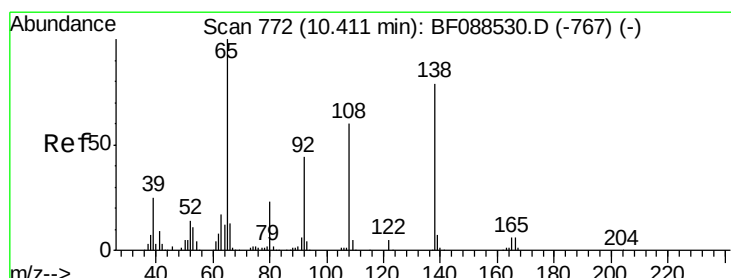
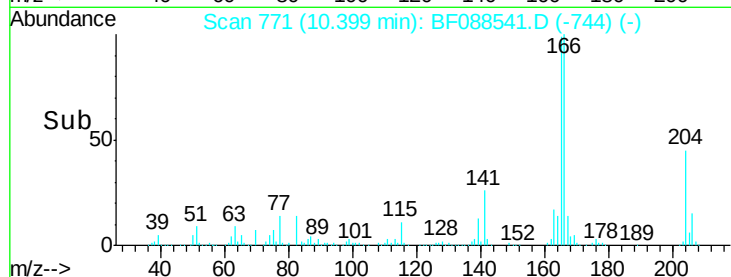
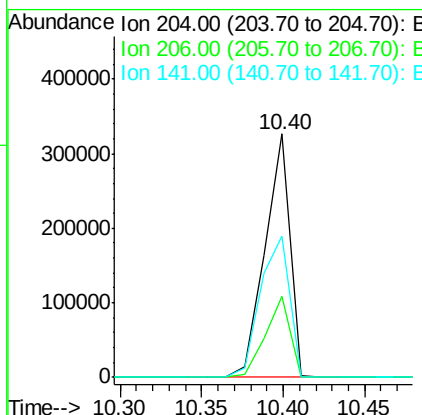
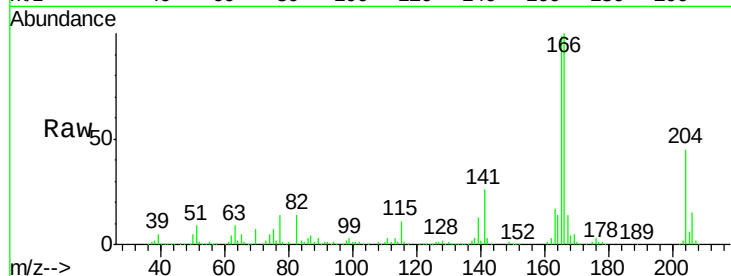




#60
 4-Chlorophenyl-phenylether
 Concen: 39.89 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

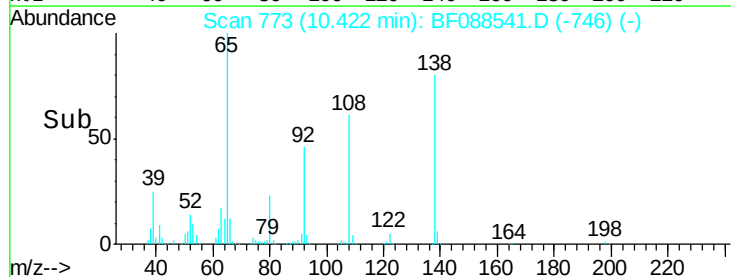
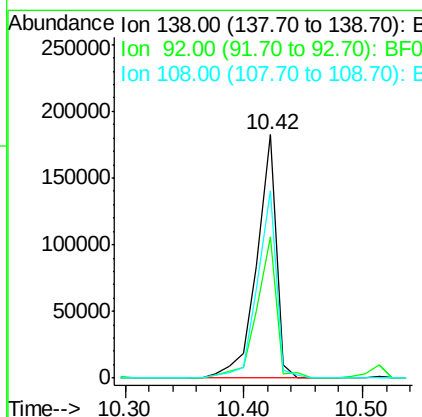
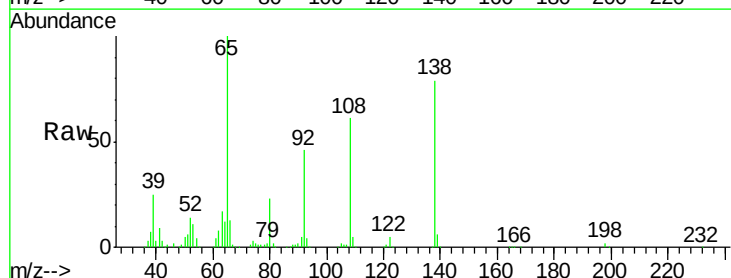
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

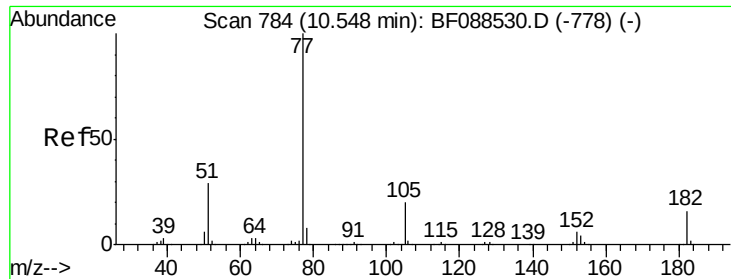
Tgt Ion: 204 Resp: 348149
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.3 39.5
 141 58.0 55.0 82.6



#61
 4-Nitroaniline
 Concen: 37.15 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion: 138 Resp: 210773
 Ion Ratio Lower Upper
 138 100
 92 58.0 27.3 67.3
 108 76.7 46.7 86.7





#62

Azobenzene

Concen: 46.09 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion: 77 Resp: 1103888

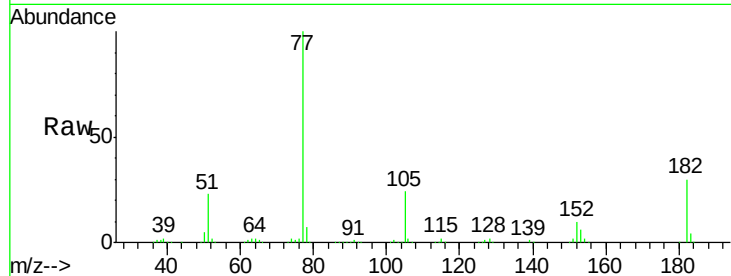
Ion Ratio Lower Upper

77 100

182 30.3 4.4 44.4

105 24.4 3.8 43.8

51 23.5 9.3 49.3

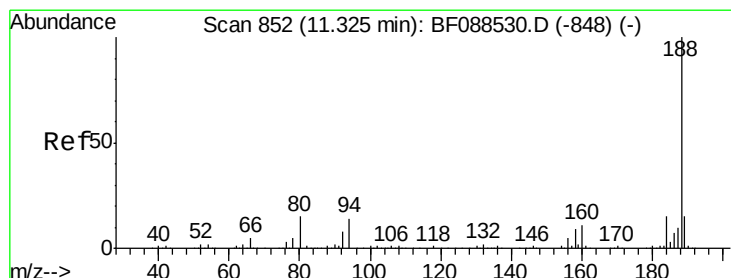
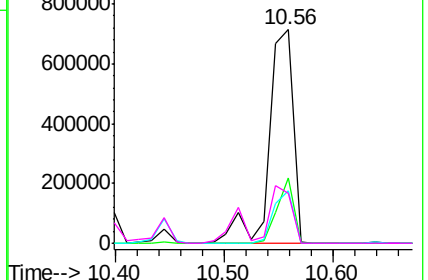
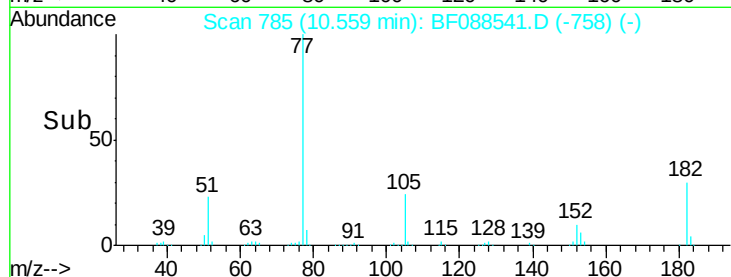


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

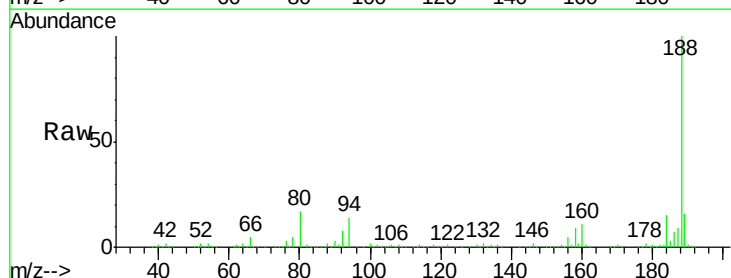
Tgt Ion: 188 Resp: 578455

Ion Ratio Lower Upper

188 100

94 14.4 9.0 13.6#

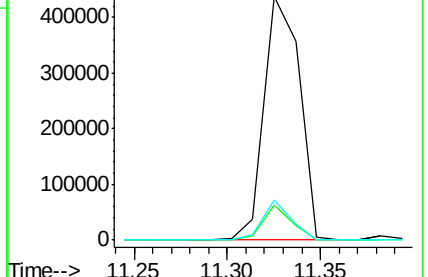
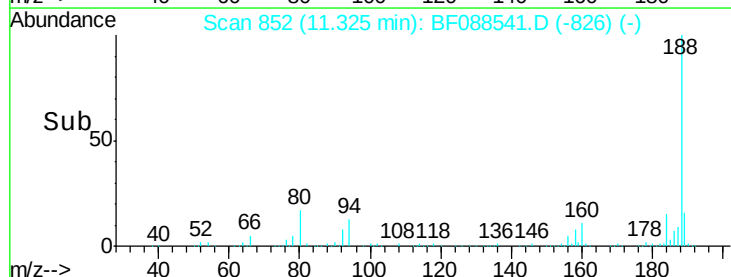
80 16.7 10.0 15.0#

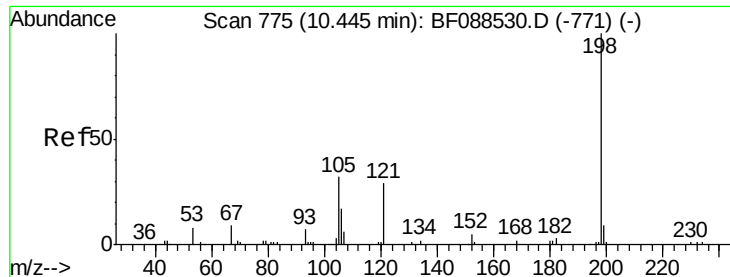


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

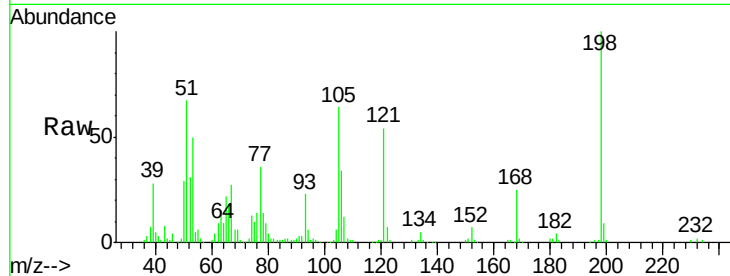




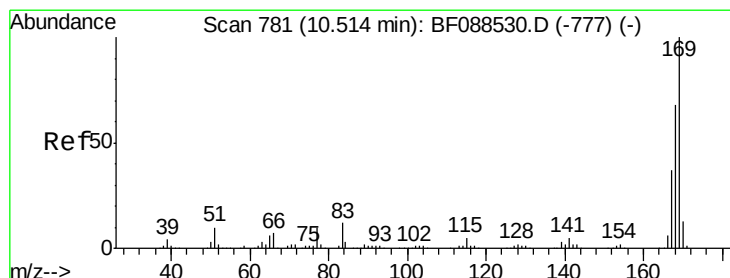
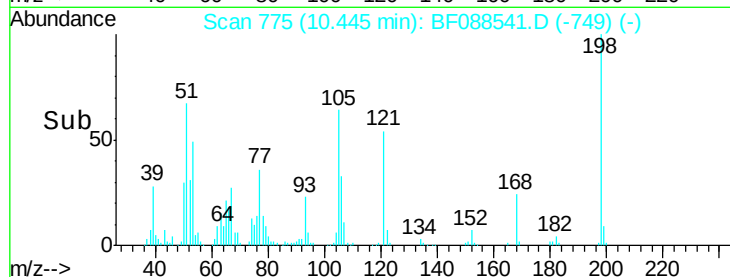
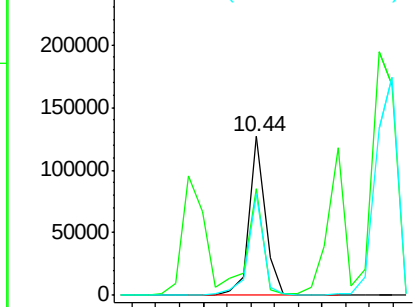
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.31 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampled :
 PB91593BS

Tgt Ion:198 Resp: 121636
 Ion Ratio Lower Upper
 198 100
 51 66.8 39.6 79.6
 105 64.0 36.6 76.6

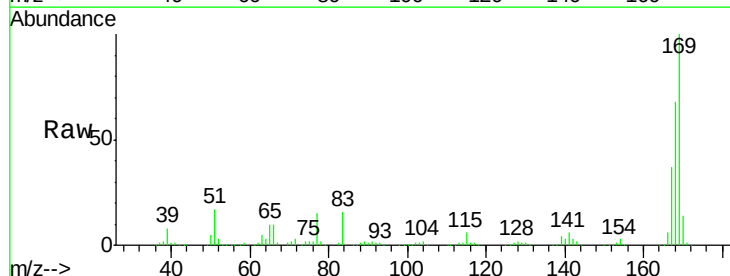


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

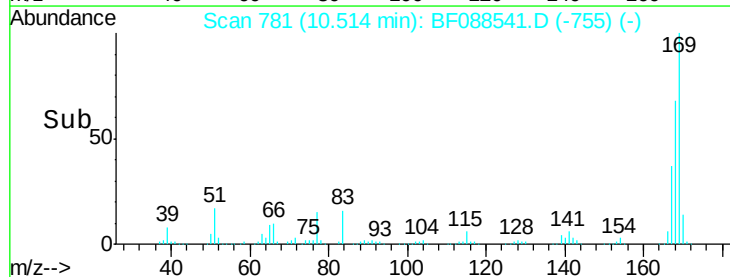
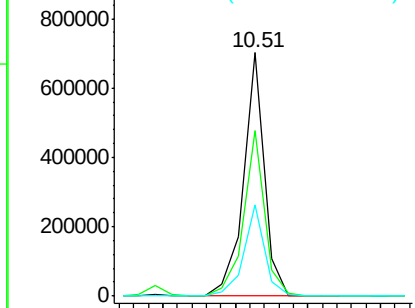


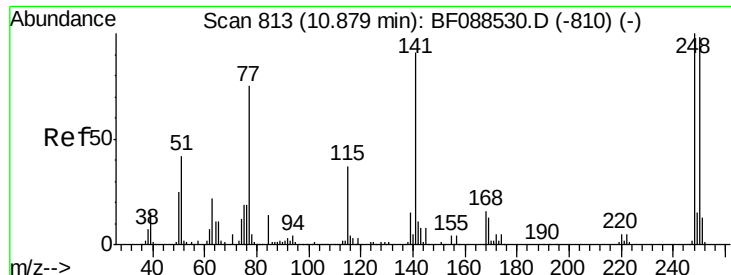
#65
 n-Nitrosodiphenylamine
 Concen: 35.64 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:169 Resp: 697790
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.4 80.0
 167 37.5 29.4 44.0



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

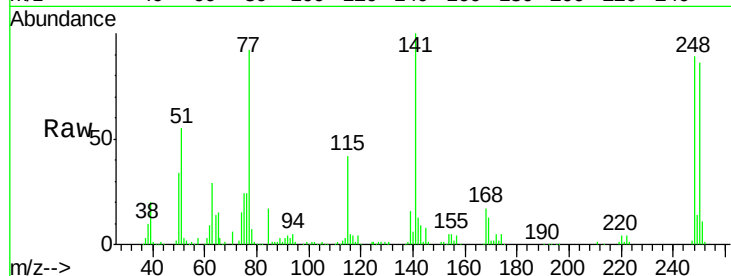




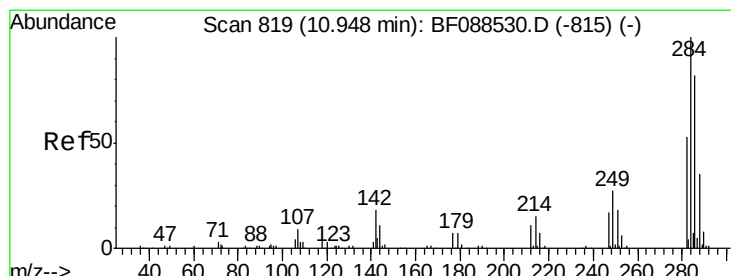
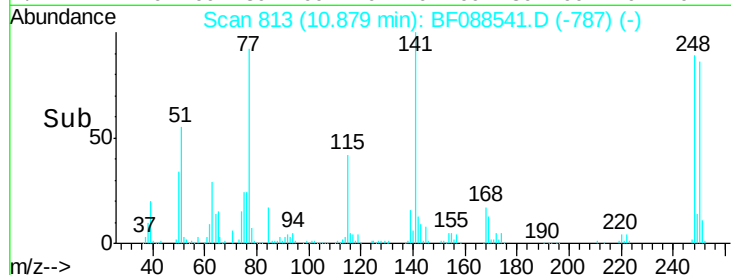
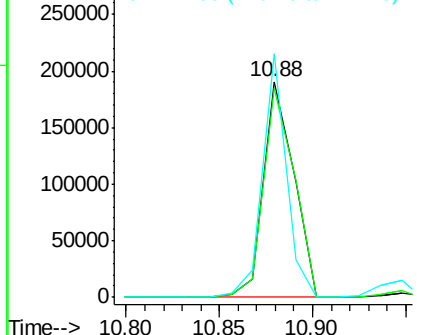
#66
 4-Bromophenyl-phenylether
 Concen: 36.74 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:248 Resp: 214167
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 112.7 50.6 76.0#

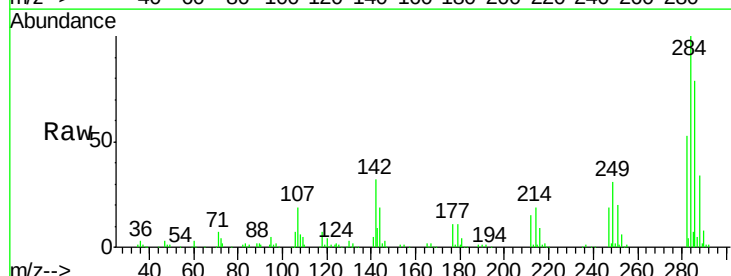


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

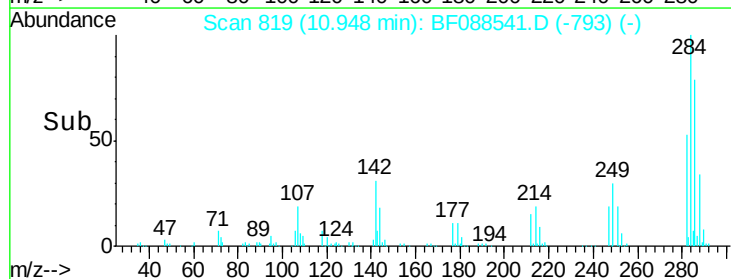
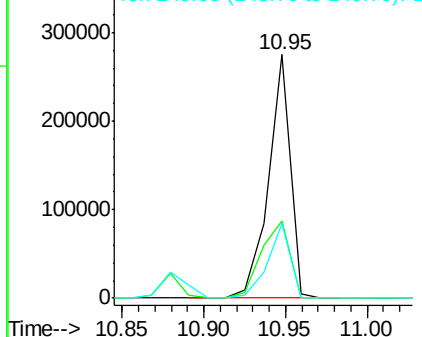


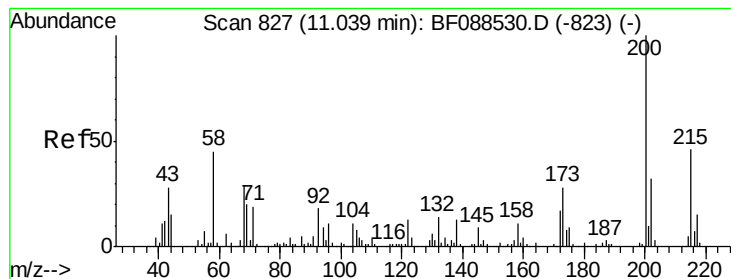
#67
 Hexachlorobenzene
 Concen: 39.68 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:284 Resp: 256034
 Ion Ratio Lower Upper
 284 100
 142 31.6 35.8 53.8#
 249 30.7 25.8 38.6



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





#68

Atrazine

Concen: 35.46 ng

RT: 11.04 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

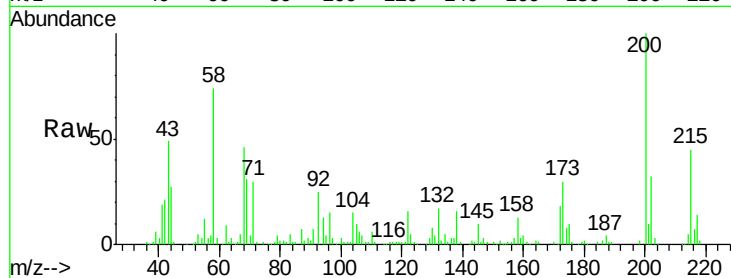
Tgt Ion:200 Resp: 216346

Ion Ratio Lower Upper

200 100

173 30.3 4.0 44.0

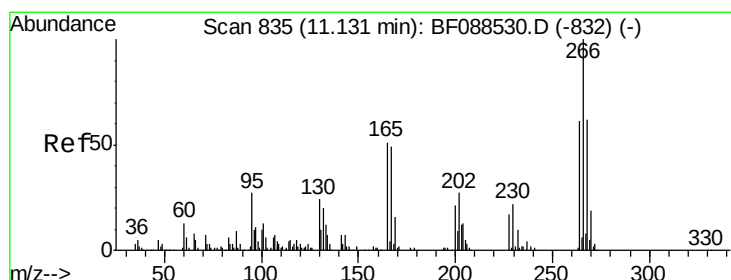
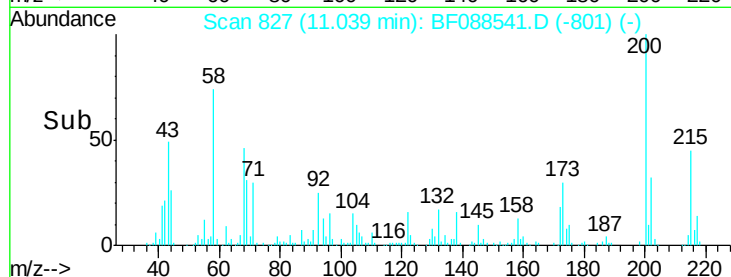
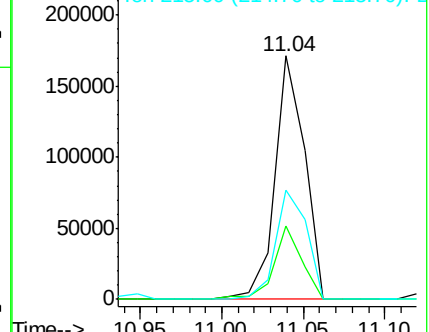
215 44.8 29.3 69.3



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: 82.76 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

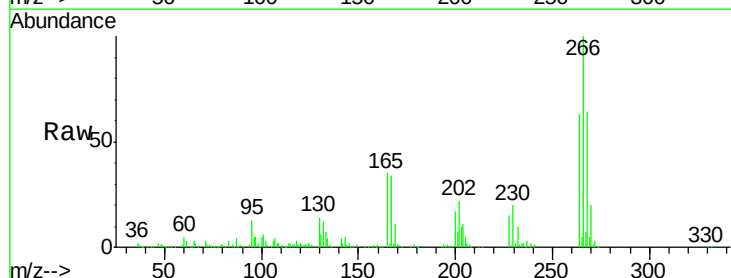
Tgt Ion:266 Resp: 316045

Ion Ratio Lower Upper

266 100

268 64.1 52.8 79.2

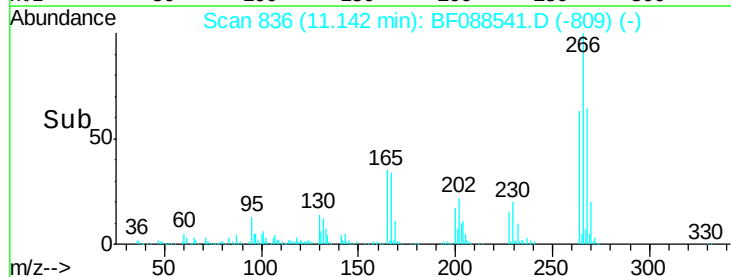
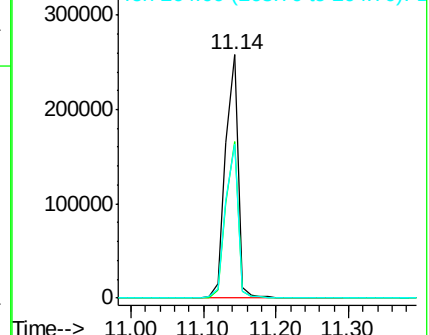
264 63.2 49.6 74.4

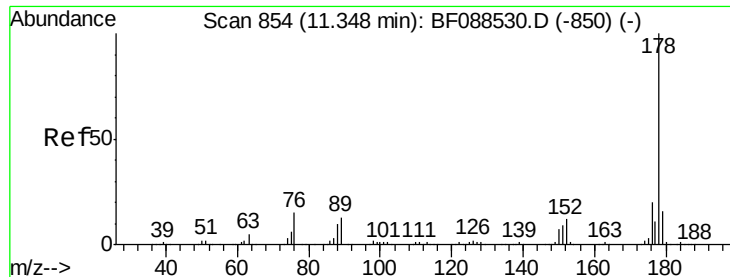


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

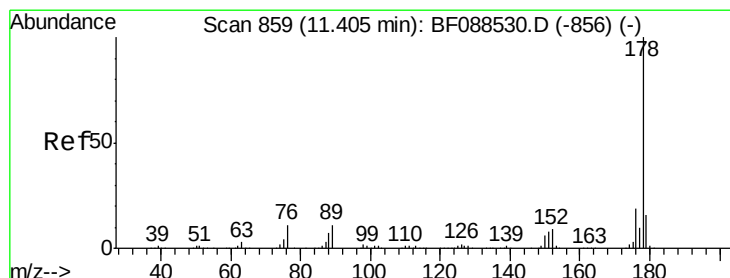
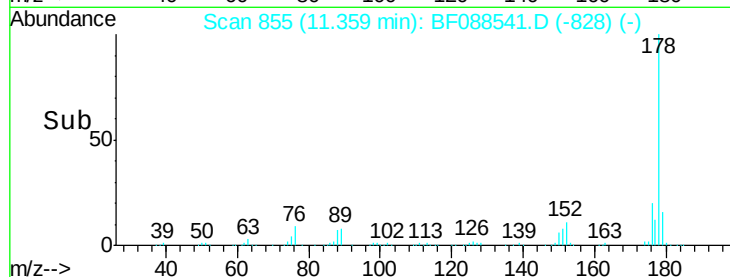
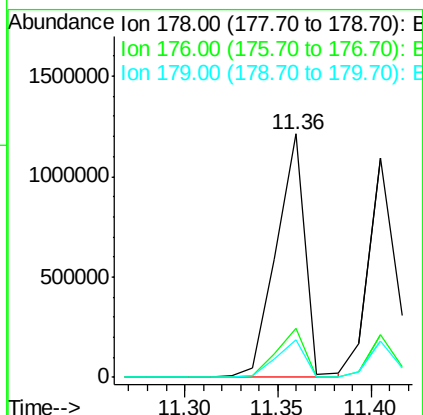
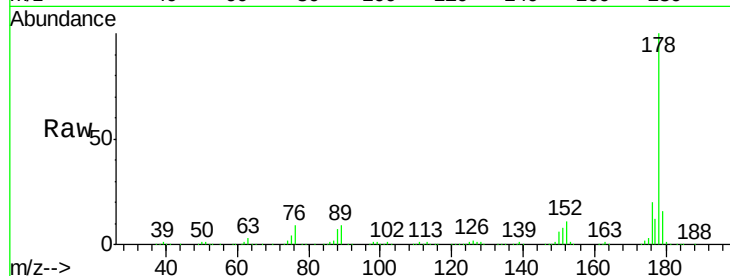




#70
Phenanthrene
Concen: 40.90 ng
RT: 11.36 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

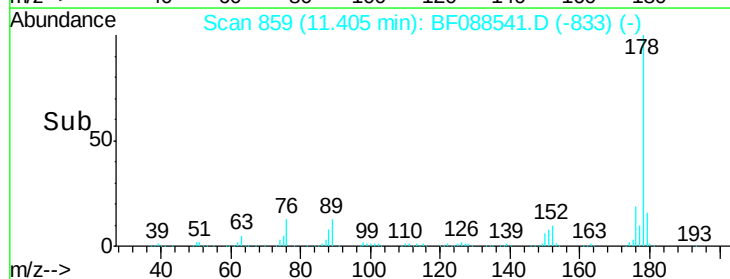
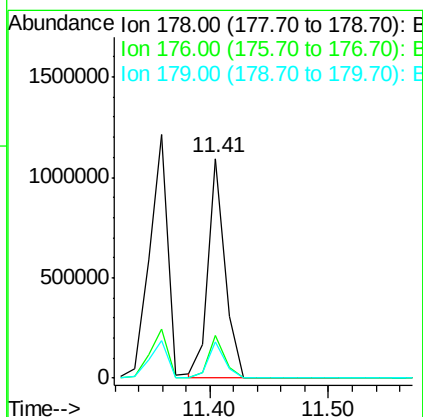
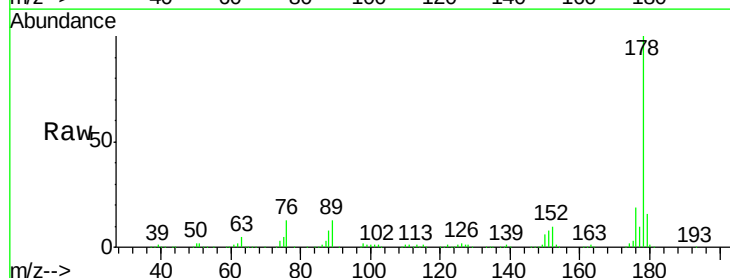
Instrument :
BNA_F
ClientSampleId :
PB91593BS

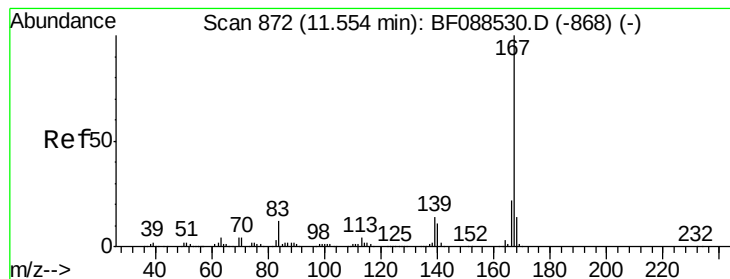
Tgt Ion:178 Resp: 1293271
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 15.7 13.0 19.4



#71
Anthracene
Concen: 34.39 ng
RT: 11.41 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:178 Resp: 1081253
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.3 12.8 19.2





#72

Carbazole

Concen: 41.83 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

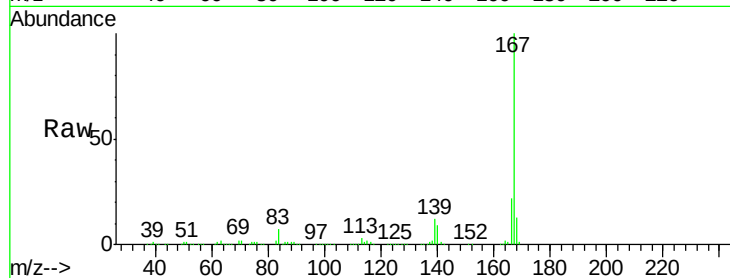
Tgt Ion:167 Resp: 1237922

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

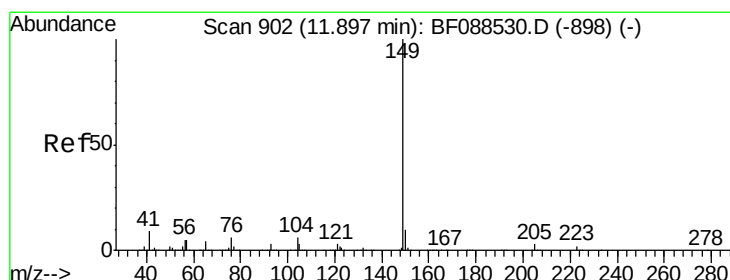
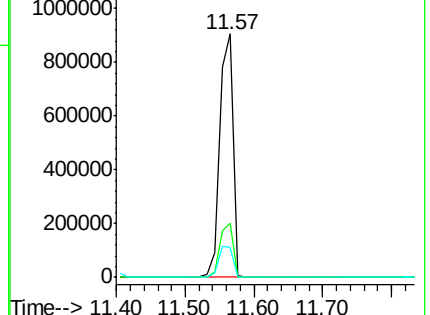
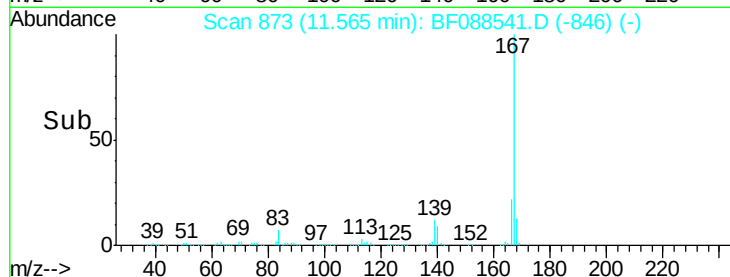
139 12.4 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

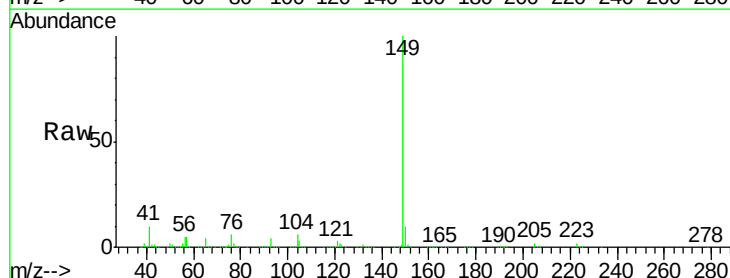
Tgt Ion:149 Resp: 1301703

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

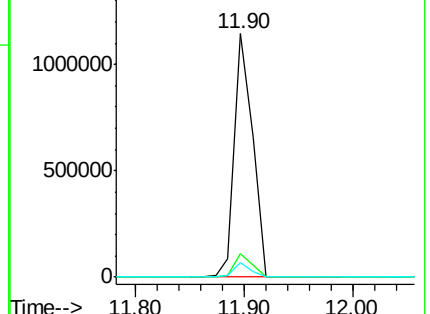
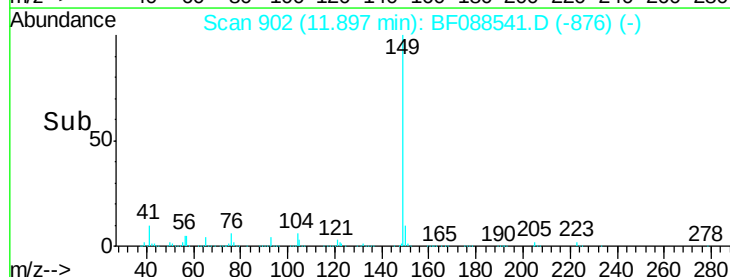
104 6.1 4.0 6.0#

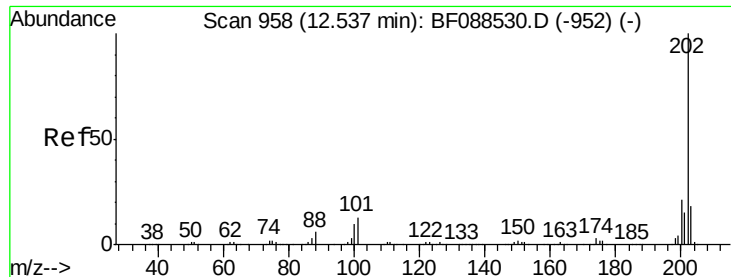


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



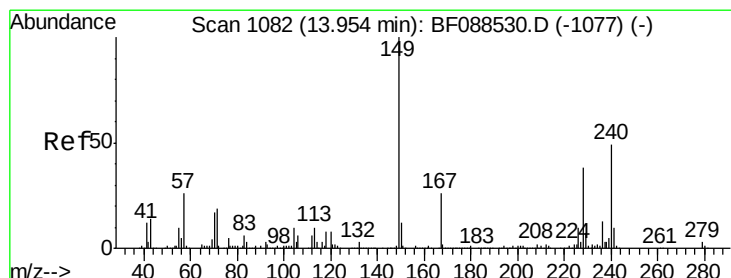
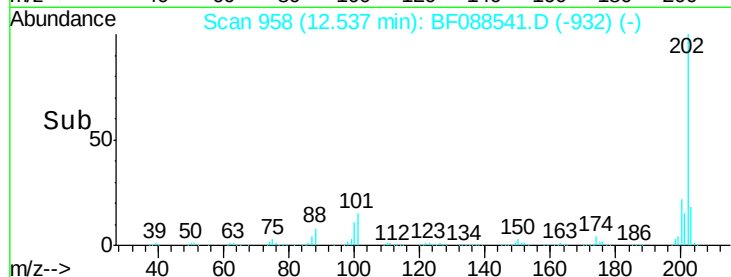
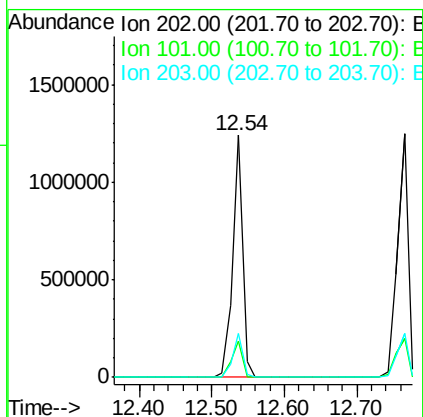
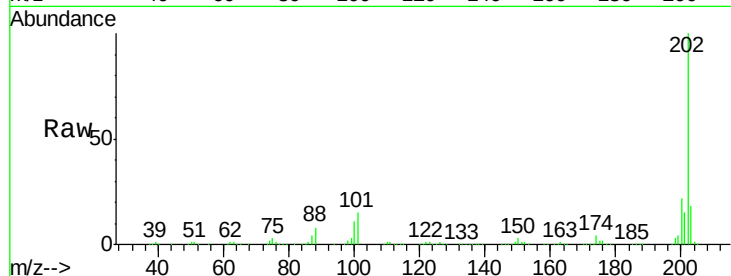


#74
 Fluoranthene
 Concen: 36.77 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion: 202 Resp: 1178562

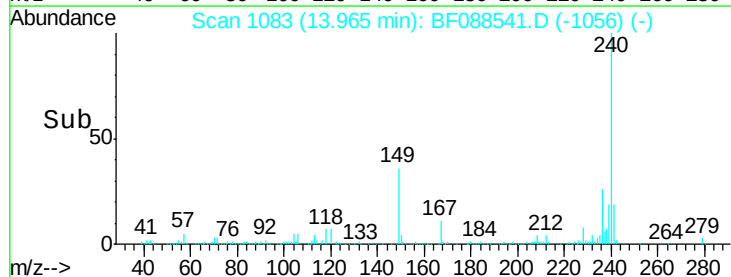
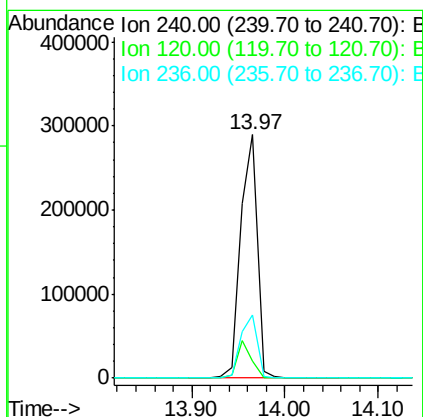
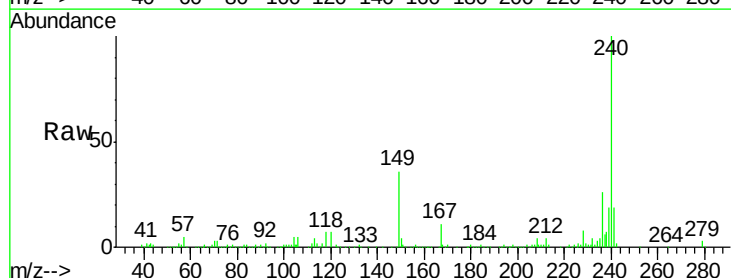
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.1
203	18.3	0.0	38.1

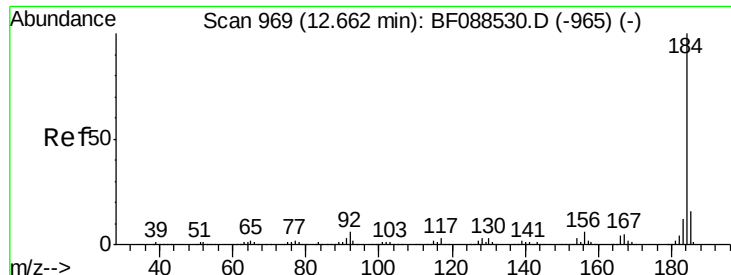


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion: 240 Resp: 359220

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	25.7	20.2	30.2





#76

Benzidine

Concen: 26.78 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

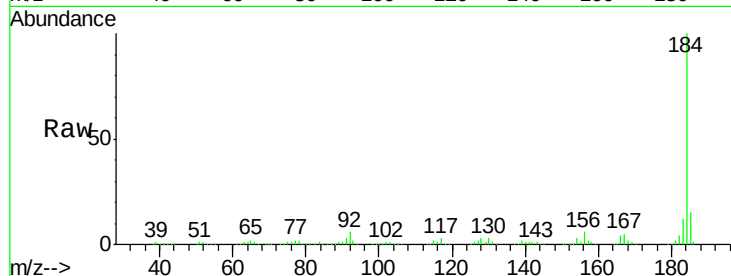
Tgt Ion:184 Resp: 486251

Ion Ratio Lower Upper

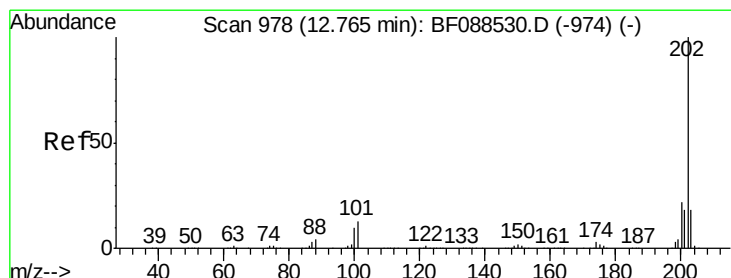
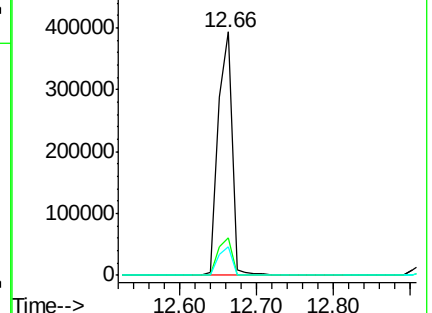
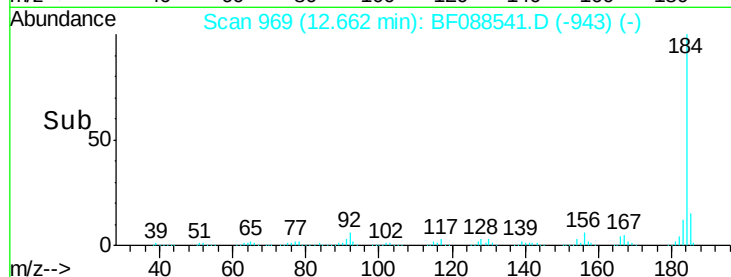
184 100

185 15.2 12.5 18.7

183 11.6 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

Pyrene

Concen: 41.73 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

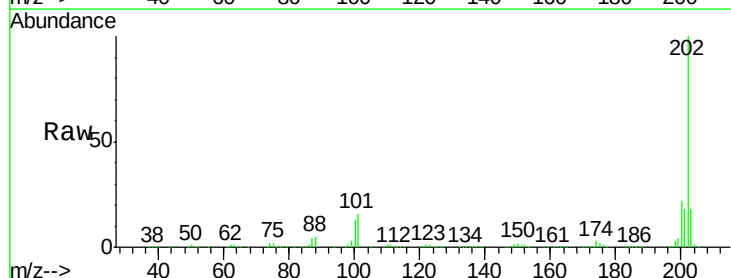
Tgt Ion:202 Resp: 1270924

Ion Ratio Lower Upper

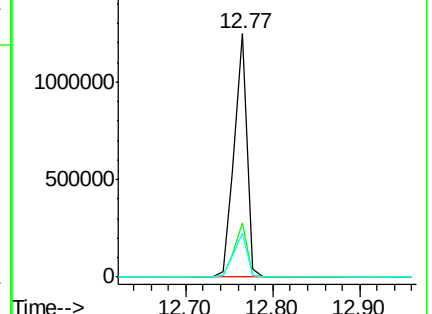
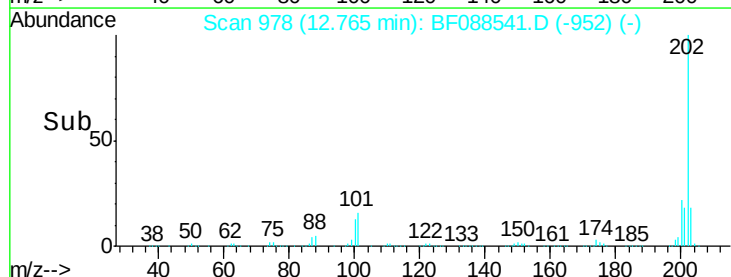
202 100

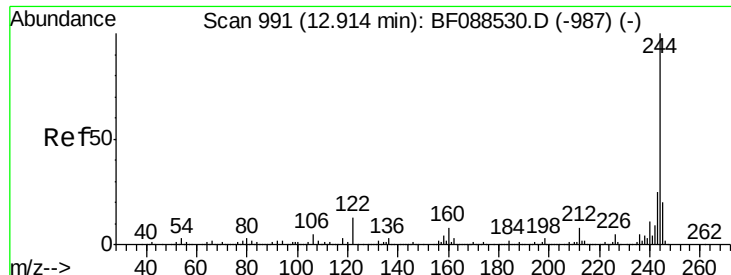
200 22.1 17.4 26.2

203 18.0 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

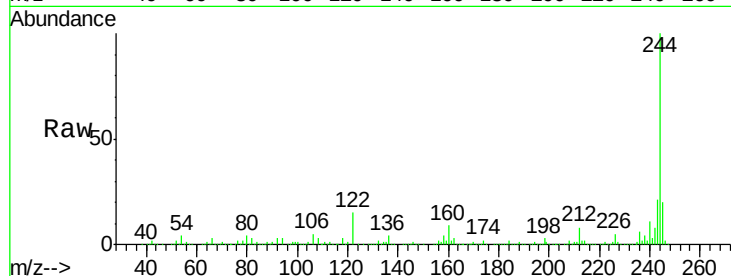




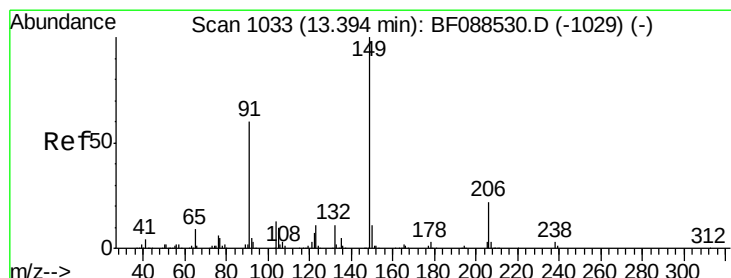
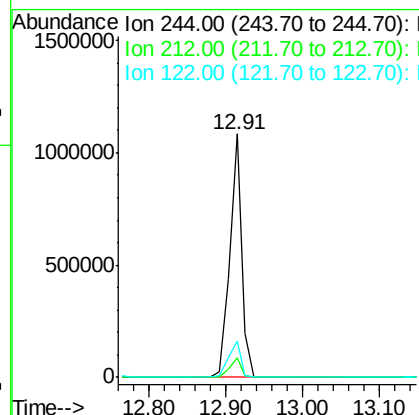
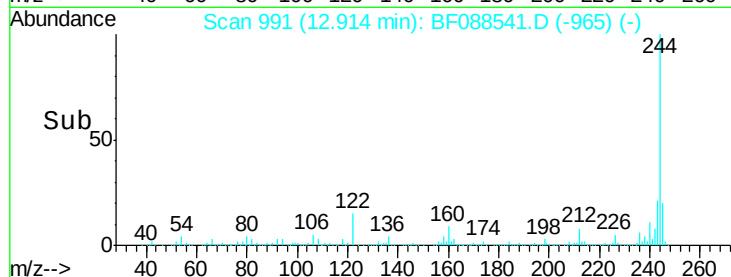
#78
 Terphenyl-d14
 Concen: 74.42 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:244 Resp: 1200206
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.0 11.2 16.8

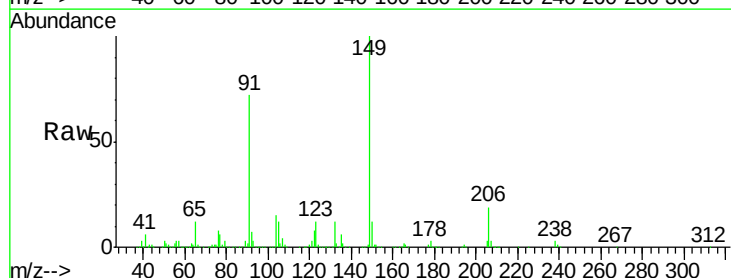


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

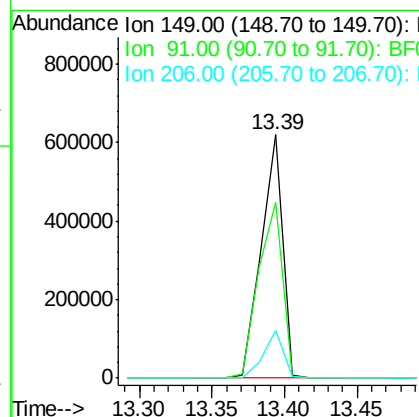
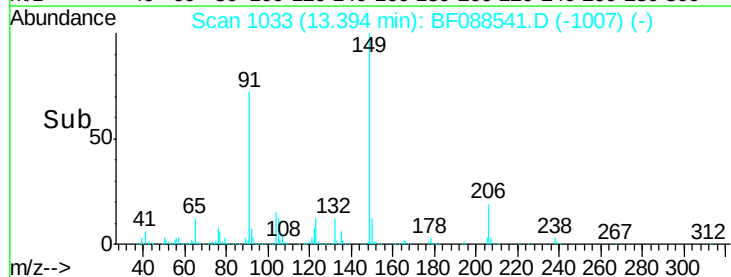


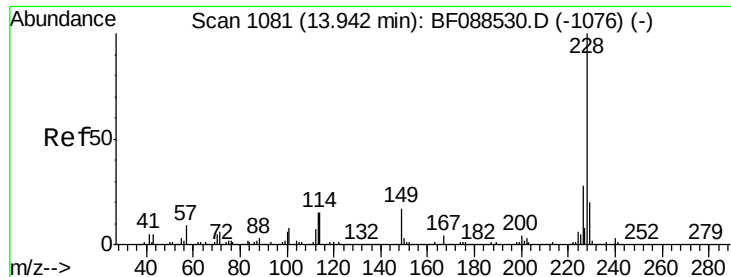
#79
 Butylbenzylphthalate
 Concen: 46.91 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:149 Resp: 637341
 Ion Ratio Lower Upper
 149 100
 91 72.2 48.0 72.0#
 206 19.4 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: 43.94 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

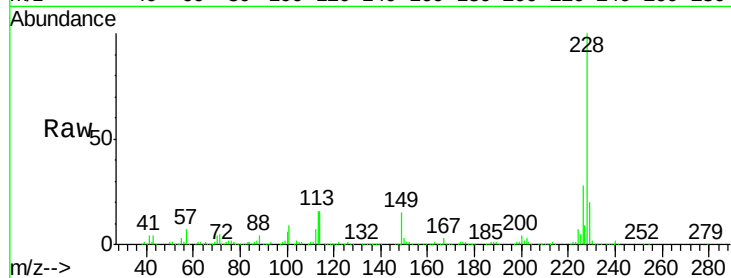
Tgt Ion:228 Resp: 1016440

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

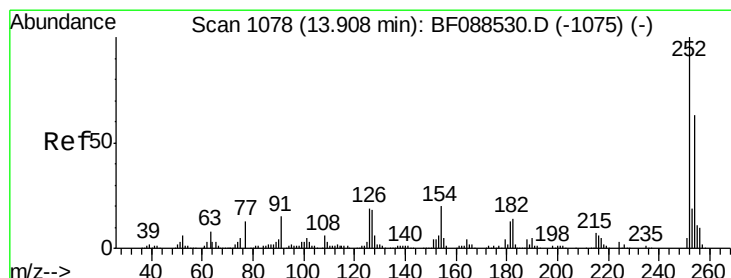
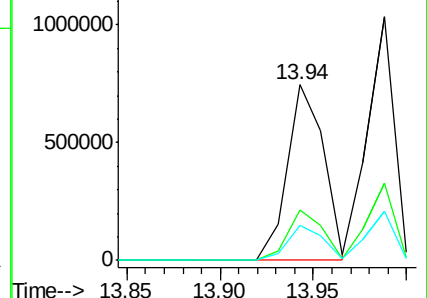
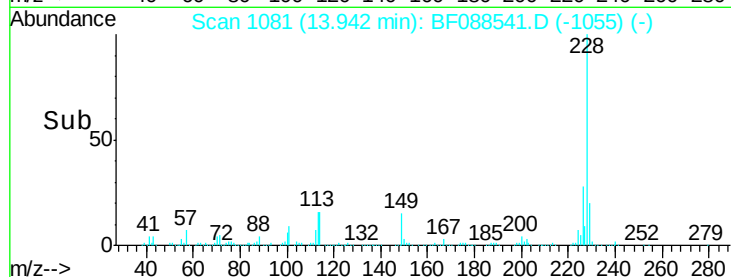
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.43 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

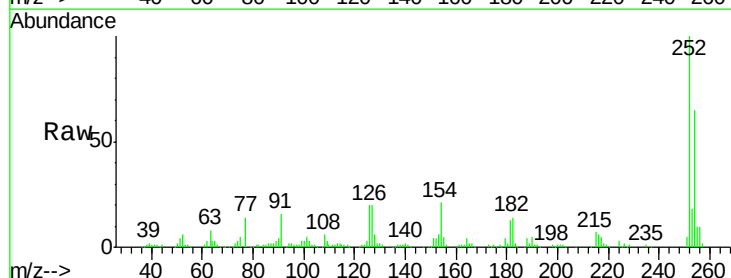
Tgt Ion:252 Resp: 169000

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

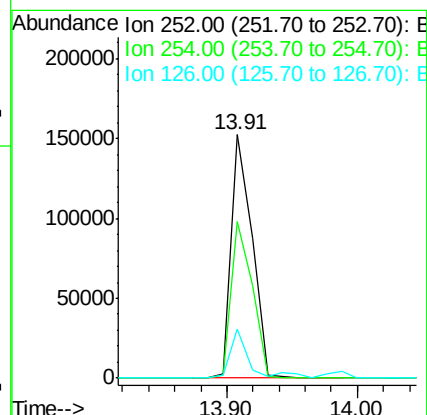
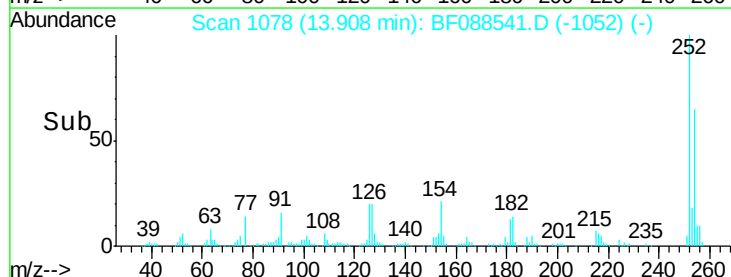
126 20.0 6.2 9.2#

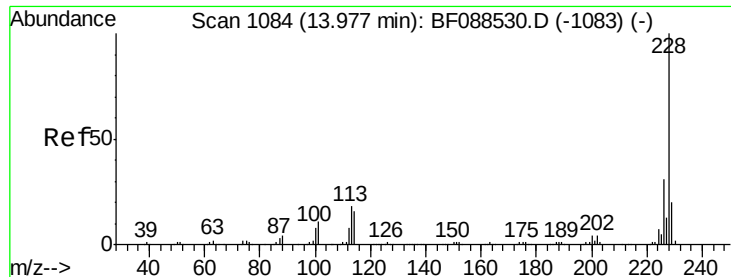


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.11 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

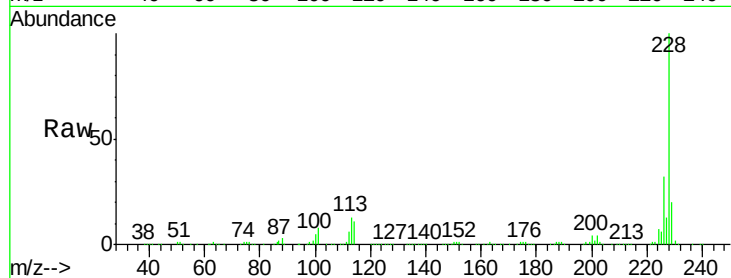
Tgt Ion:228 Resp: 1032242

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.2

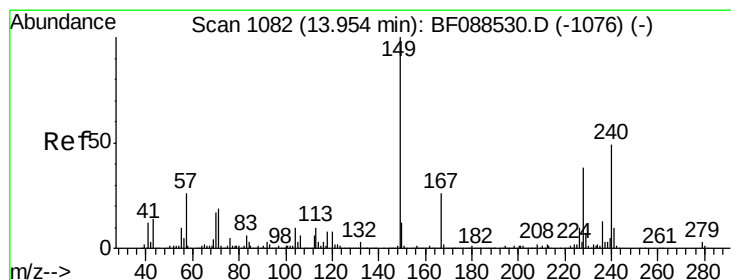
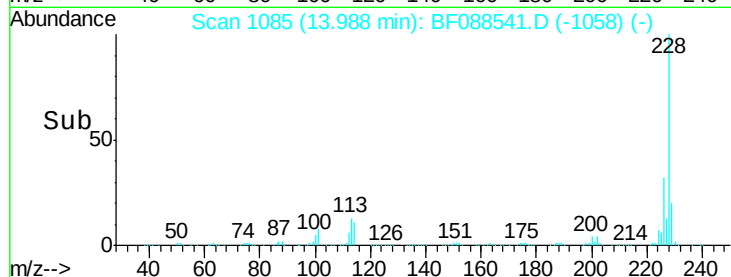
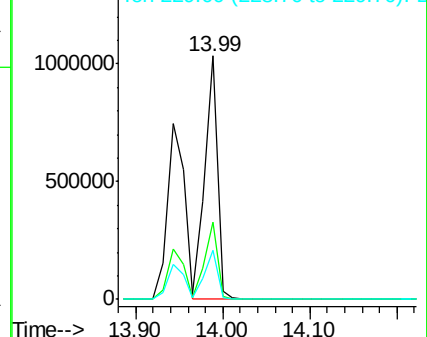
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.15 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

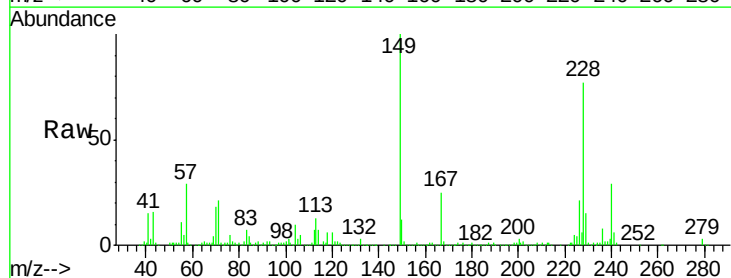
Tgt Ion:149 Resp: 653721

Ion Ratio Lower Upper

149 100

167 25.4 20.5 30.7

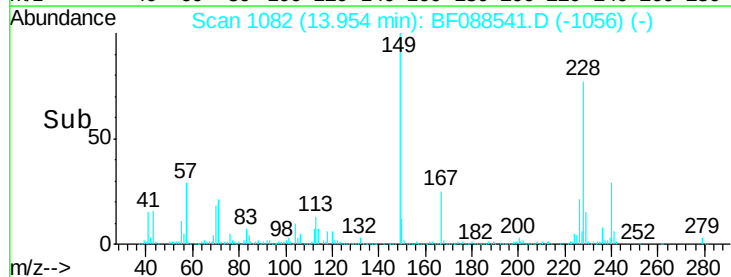
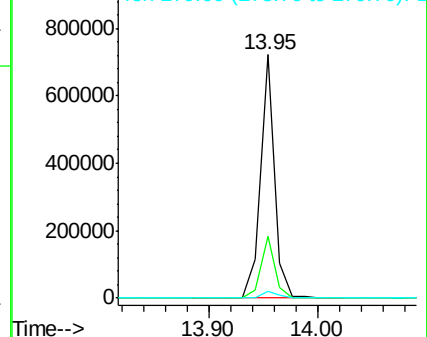
279 2.7 2.0 3.0

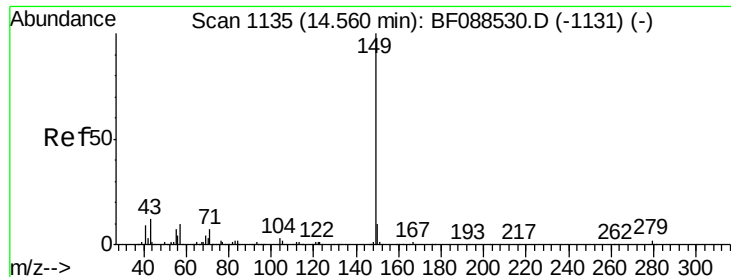


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.79 ng

RT: 14.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

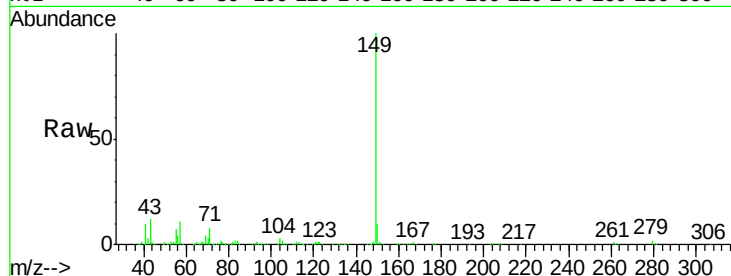
Tgt Ion:149 Resp: 1259200

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

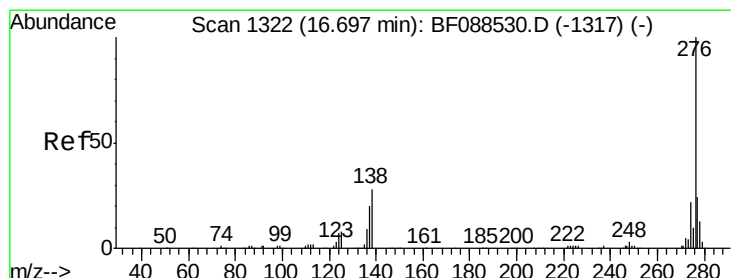
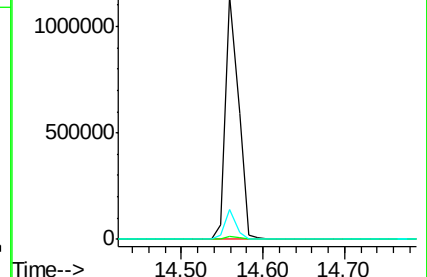
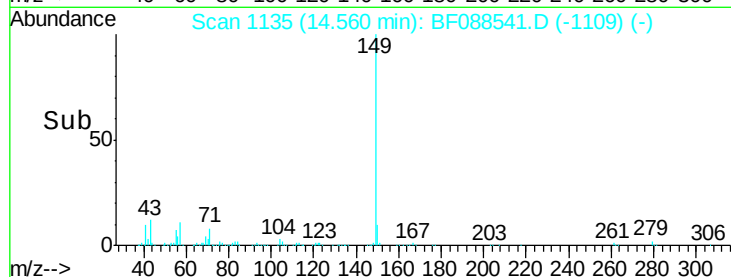
43 10.6 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.24 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

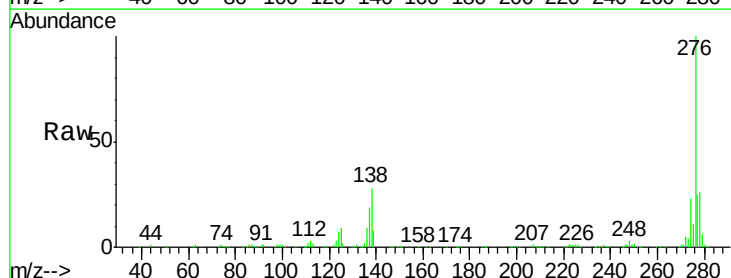
Tgt Ion:276 Resp: 831805

Ion Ratio Lower Upper

276 100

138 31.7 0.0 0.0#

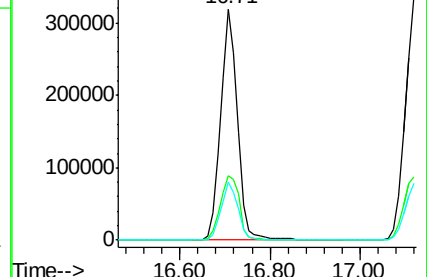
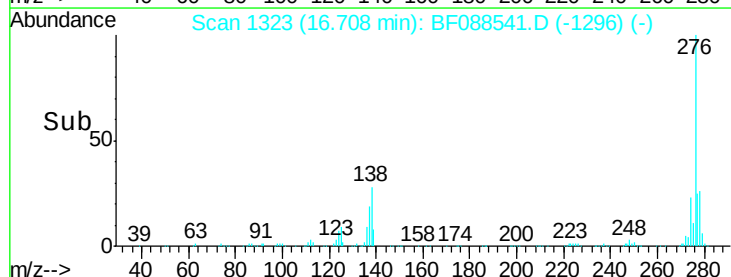
277 25.3 0.0 0.0#

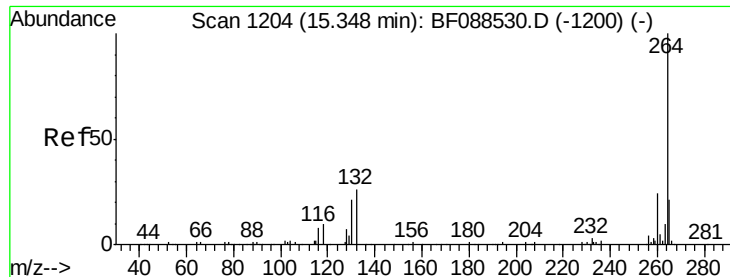


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



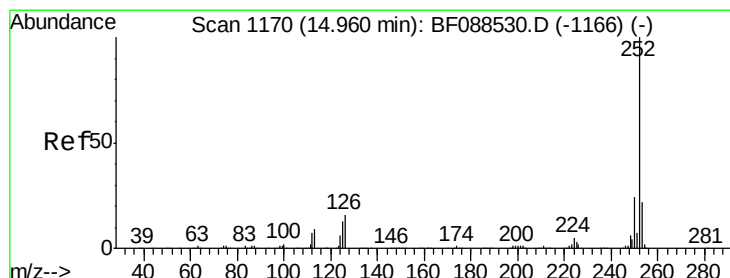
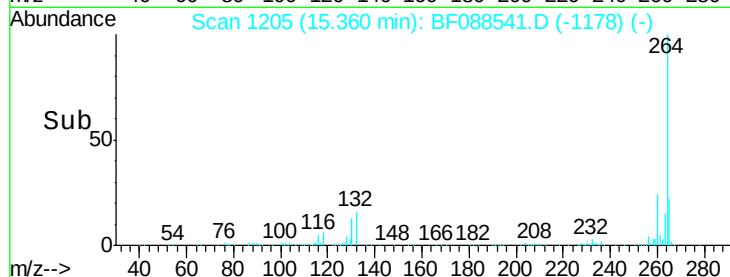
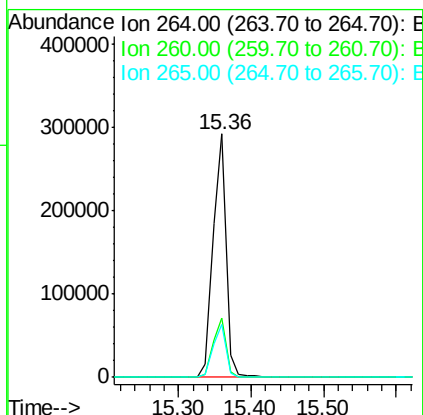
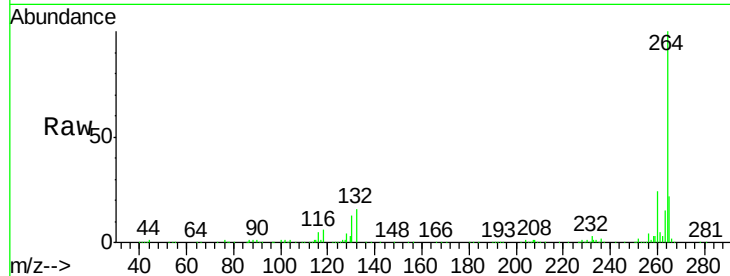


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 264 Resp: 364469

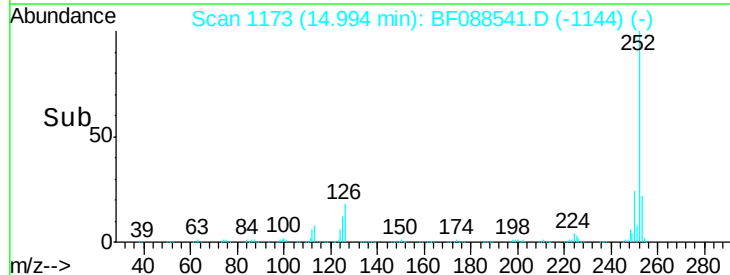
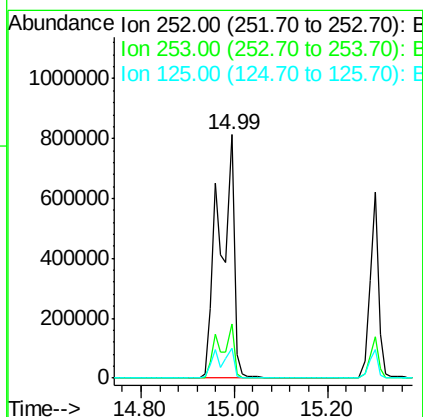
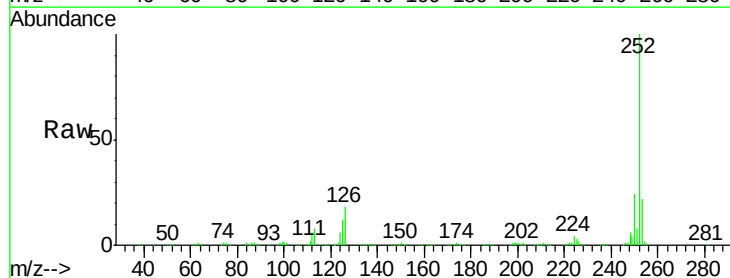
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	16.9	25.3

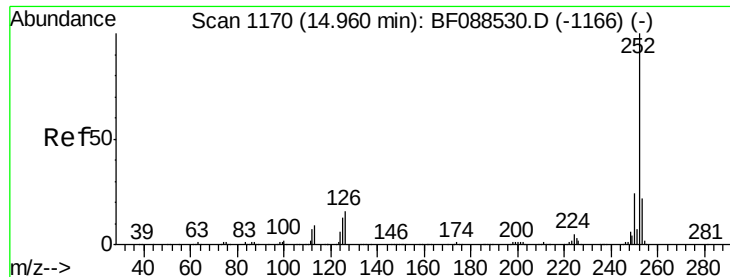


#87
Benzo(b)fluoranthene
Concen: 78.98 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion: 252 Resp: 1805667

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.5	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 90.74 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

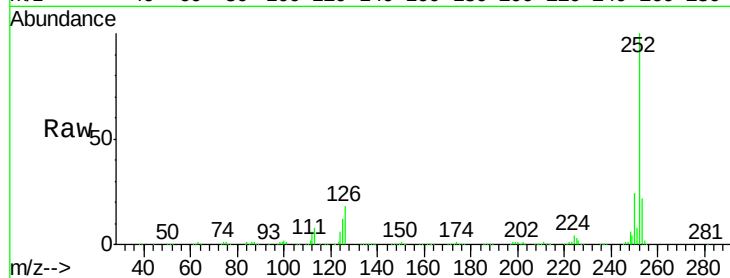
Tgt Ion:252 Resp: 1805985

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

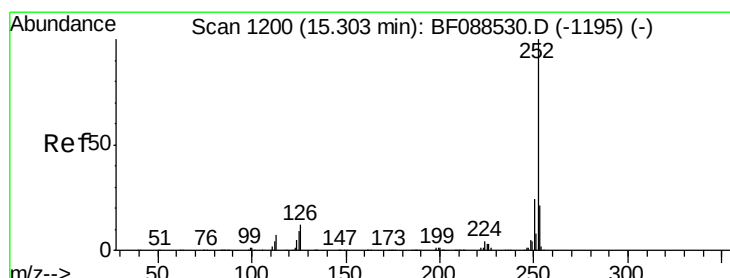
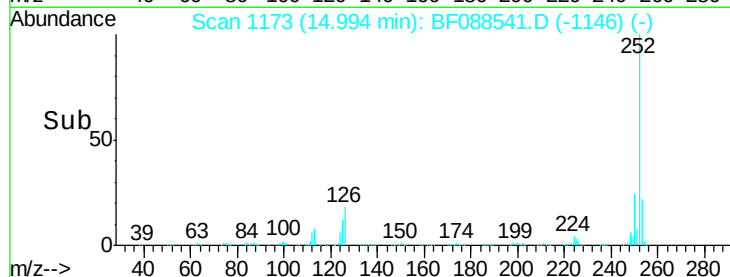
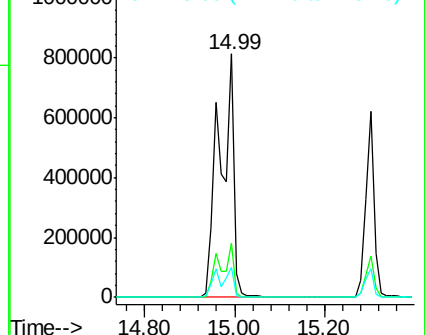
125 12.5 11.2 16.8



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: 42.32 ng

RT: 15.30 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

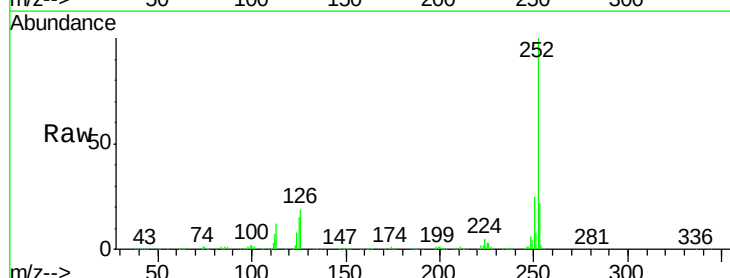
Tgt Ion:252 Resp: 819221

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

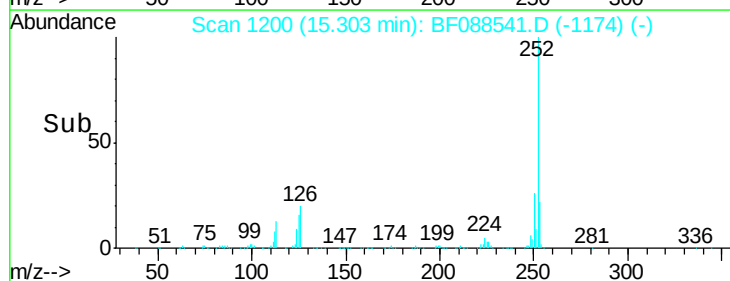
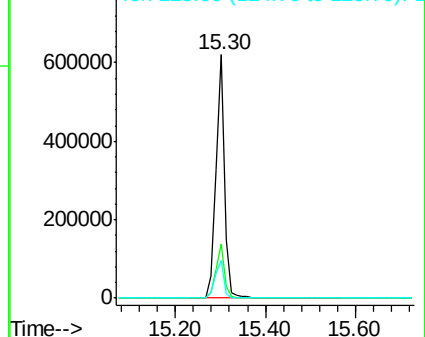
125 15.2 12.5 18.7

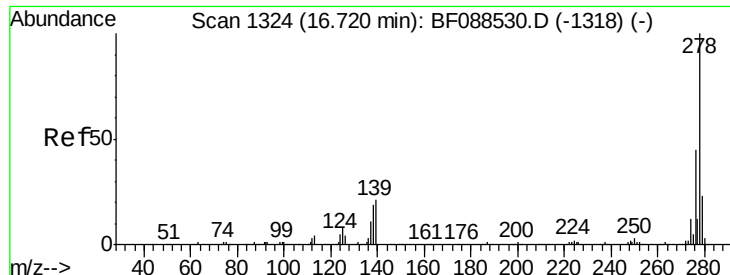


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 42.50 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

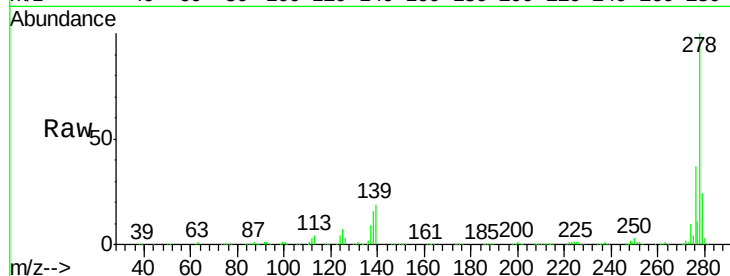
Tgt Ion:278 Resp: 686974

Ion Ratio Lower Upper

278 100

139 18.8 15.7 23.5

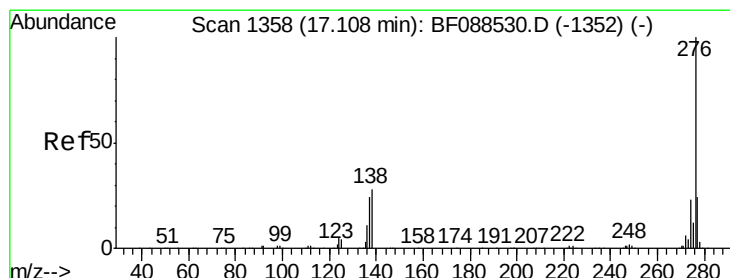
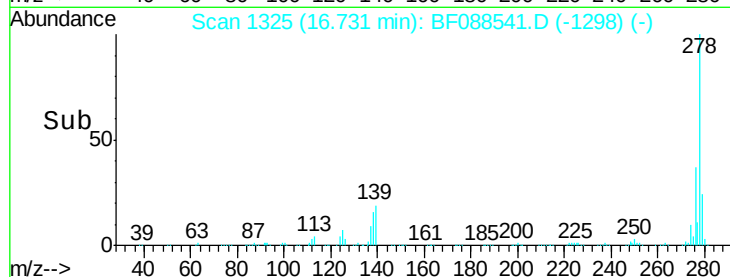
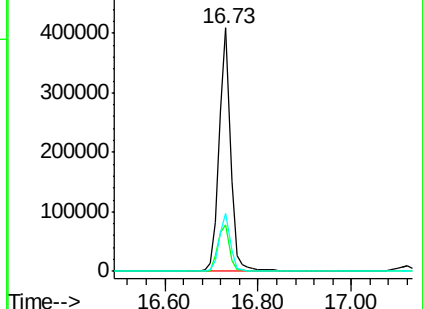
279 23.8 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.39 ng

RT: 17.12 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

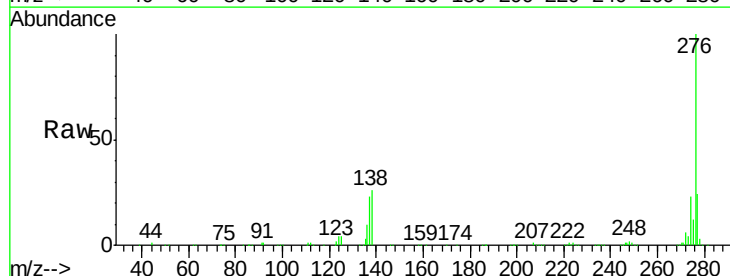
Tgt Ion:276 Resp: 709086

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 26.2 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

