

Data Path : Z:\HPCHEM1\BNA_F\Data\BF063016\
 Data File : BF088533.D
 Acq On : 30 Jun 2016 17:06
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 30 17:30:31 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 16:14:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	123133	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	488964	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	221247	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	419852	20.00	ng	0.01
75) Chrysene-d12	13.97	240	211030	20.00	ng	0.01
86) Perylene-d12	15.36	264	225095	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1199719	74.97	ng	0.00
7) Phenol-d6	6.46	99	1426830	68.18	ng	0.01
23) Nitrobenzene-d5	7.39	82	1387265	73.12	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	313391	78.90	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1868037	63.41	ng	0.01
78) Terphenyl-d14	12.91	244	1700732	88.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	311041	76.88	ng	# 33
3) Pyridine	3.10	79	901865	76.21	ng	95
4) n-Nitrosodimethylamine	3.06	42	357169	77.84	ng	92
6) Aniline	6.49	93	1088355	69.67	ng	96
8) 2-Chlorophenol	6.60	128	588591	64.64	ng	97
9) Benzaldehyde	6.36	77	496580	116.71	ng	86
10) Phenol	6.47	94	731831	58.57	ng	# 58
11) bis(2-Chloroethyl)ether	6.56	93	600805	64.62	ng	95
12) 1,3-Dichlorobenzene	6.76	146	701450	73.54	ng	96
13) 1,4-Dichlorobenzene	6.83	146	640395	66.92	ng	94
14) 1,2-Dichlorobenzene	6.76	146	701416	78.56	ng	95
15) Benzyl Alcohol	6.97	79	565899	66.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	903742	69.46	ng	92
17) 2-Methylphenol	7.07	107	546852	71.10	ng	98
18) Hexachloroethane	7.34	117	269547	73.03	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	508563	70.09	ng	89
20) 3+4-Methylphenols	7.23	107	581320	64.29	ng	# 67
22) Acetophenone	7.23	105	867609	73.28	ng	# 82
24) Nitrobenzene	7.40	77	672557	68.34	ng	# 81
25) Isophorone	7.66	82	1342550	72.78	ng	97
26) 2-Nitrophenol	7.72	139	351261	87.77	ng	90
27) 2,4-Dimethylphenol	7.77	122	623720	76.34	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	746906	65.17	ng	# 96
29) 2,4-Dichlorophenol	7.96	162	500109	73.87	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	501798	70.10	ng	98
31) Naphthalene	8.12	128	1654708	68.83	ng	99
32) Benzoic acid	7.93	122	527034	119.72	ng	91
33) 4-Chloroaniline	8.18	127	833429	78.89	ng	# 94
34) Hexachlorobutadiene	8.25	225	272244	71.75	ng	99
35) Caprolactam	8.57	113	174636	72.93	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	553683	72.14	ng	94
37) 2-Methylnaphthalene	8.82	142	1156760	72.55	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	485566	79.83	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	276473	70.50	ng	99

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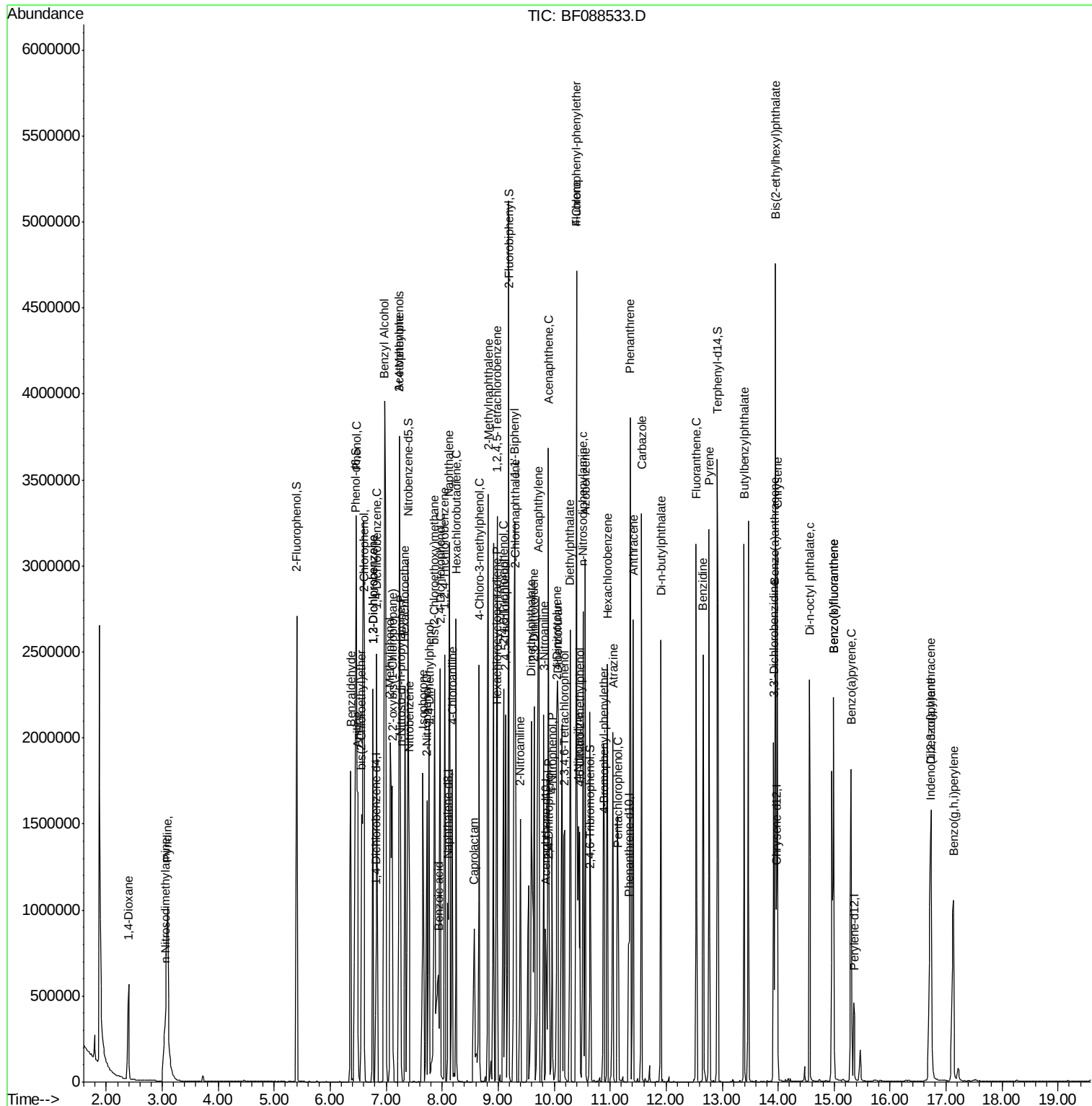
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	349962	72.31	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	272283	60.93	ng	# 86
45) 1,1'-Biphenyl	9.29	154	1359022	77.45	ng	96
46) 2-Chloronaphthalene	9.30	162	1014064	71.73	ng	96
47) 2-Nitroaniline	9.39	65	417768	87.02	ng	96
48) Acenaphthylene	9.72	152	1753206	76.33	ng	99
49) Dimethylphthalate	9.59	163	1146273	69.08	ng	99
50) 2,6-Dinitrotoluene	9.64	165	249658	68.29	ng	# 50
51) Acenaphthene	9.90	154	1083364	76.13	ng	99
52) 3-Nitroaniline	9.82	138	369202	84.31	ng	94
53) 2,4-Dinitrophenol	9.91	184	134287	92.50	ng	# 82
54) Dibenzofuran	10.07	168	1370386	68.18	ng	97
55) 4-Nitrophenol	9.96	139	242451	68.51	ng	94
56) 2,4-Dinitrotoluene	10.04	165	320286	67.89	ng	# 49
57) Fluorene	10.40	166	909070	62.47	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	257660	70.54	ng	# 53
59) Diethylphthalate	10.28	149	1090542	64.02	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	440416	66.66	ng	99
61) 4-Nitroaniline	10.43	138	335284	80.58	ng	86
62) Azobenzene	10.56	77	1407111	67.57	ng	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	204880	105.73	ng	84
65) n-Nitrosodiphenylamine	10.51	169	999455	69.38	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	310316	72.13	ng	# 92
67) Hexachlorobenzene	10.95	284	303387	66.20	ng	98
68) Atrazine	11.05	200	339863	75.96	ng	94
69) Pentachlorophenol	11.14	266	224504	81.71	ng	98
70) Phenanthrene	11.36	178	1442193	60.40	ng	98
71) Anthracene	11.42	178	1639047	69.91	ng	99
72) Carbazole	11.56	167	1496880	66.83	ng	99
73) Di-n-butylphthalate	11.91	149	1819674	69.61	ng	99
74) Fluoranthene	12.54	202	1478061	63.88	ng	96
76) Benzidine	12.66	184	835443	121.97	ng	# 93
77) Pyrene	12.77	202	1504379	83.25	ng	99
79) Butylbenzylphthalate	13.39	149	712362	88.49	ng	# 81
80) Benzo(a)anthracene	13.94	228	1122735	79.99	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	447136	95.75	ng	# 96
82) Chrysene	13.99	228	1081365	78.48	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	758037	81.03	ng	99
84) Di-n-octyl phthalate	14.56	149	1340710	86.60	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.72	276	1043730	95.95	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	1848128	133.28	ng	# 96
88) Benzo(k)fluoranthene	14.99	252	1849180	144.24	ng	99
89) Benzo(a)pyrene	15.30	252	865279	68.73	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	877469	85.23	ng	97
91) Benzo(g,h,i)perylene	17.13	276	944645	88.31	ng	98

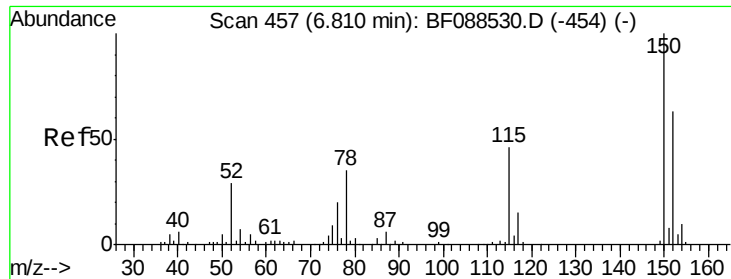
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

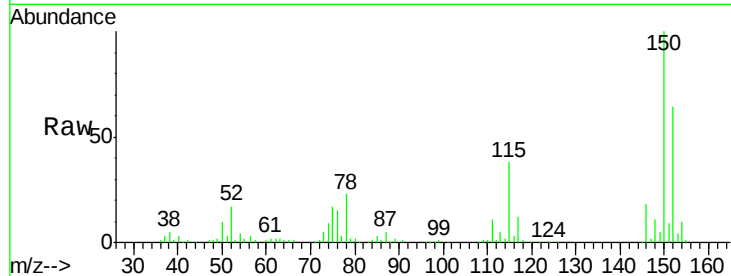
Tgt Ion:152 Resp: 123133

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

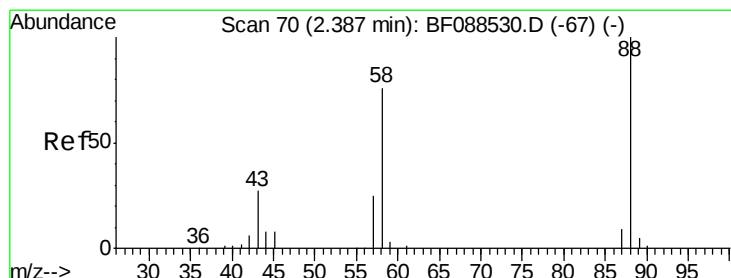
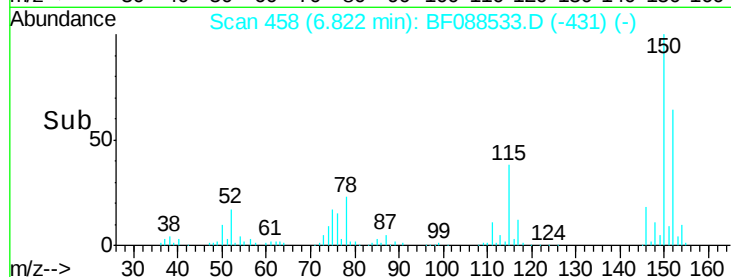
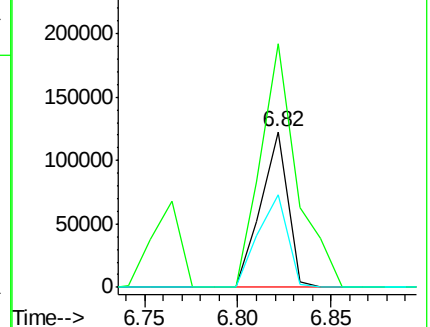
115 59.3 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 76.88 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

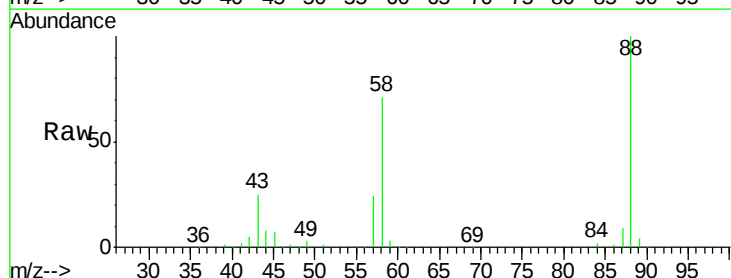
Tgt Ion: 88 Resp: 311041

Ion Ratio Lower Upper

88 100

58 72.1 0.0 0.0#

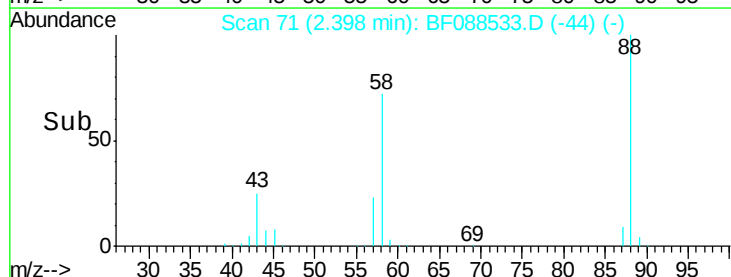
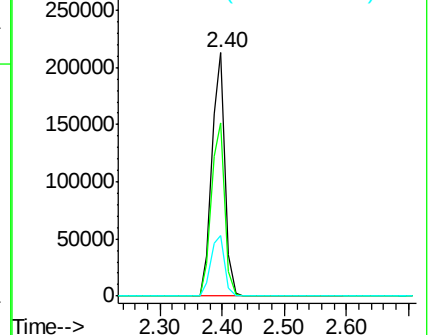
43 26.4 3.4 5.2#

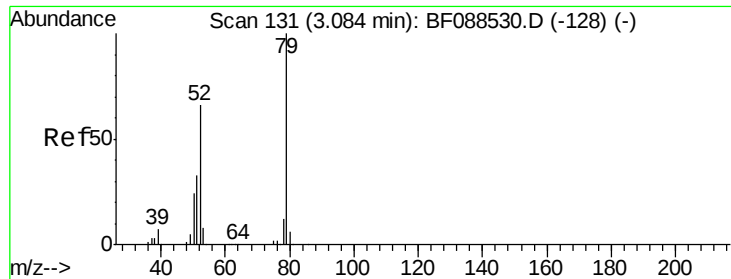


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 76.21 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

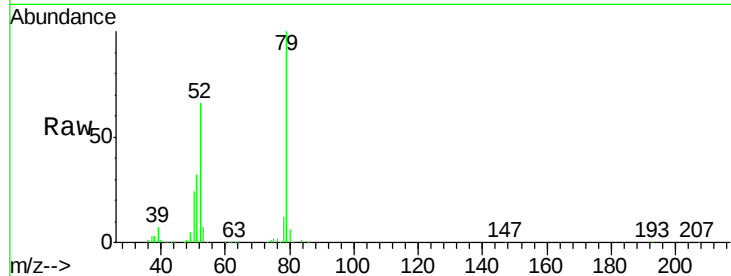
Tgt Ion: 79 Resp: 901865

Ion Ratio Lower Upper

79 100

52 66.0 56.3 84.5

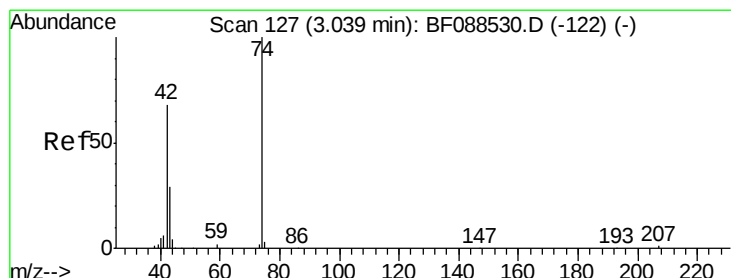
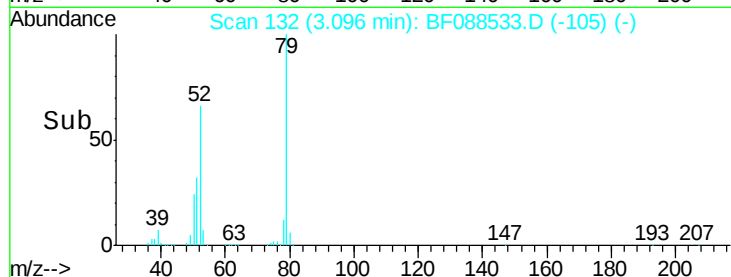
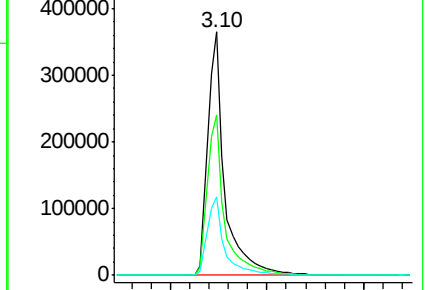
51 32.2 27.4 41.2



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: 77.84 ng

RT: 3.06 min Scan# 129

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

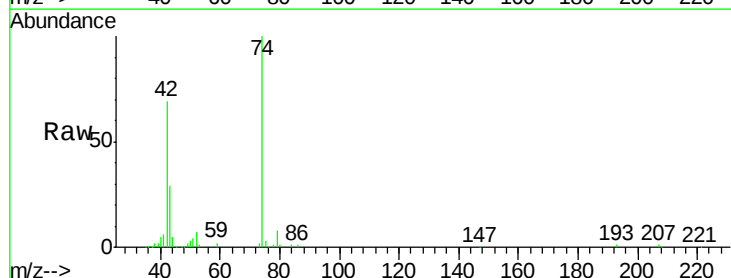
Tgt Ion: 42 Resp: 357169

Ion Ratio Lower Upper

42 100

74 145.3 108.6 163.0

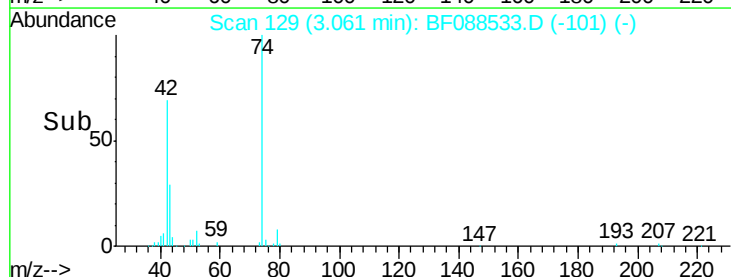
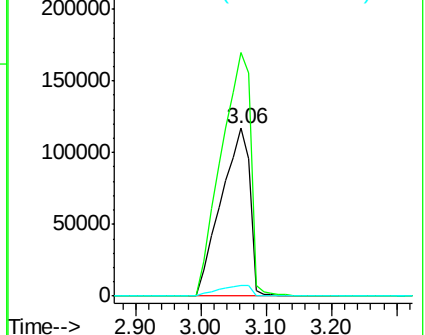
44 6.6 5.5 8.3

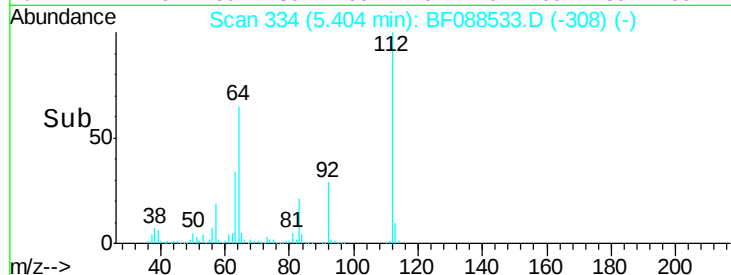
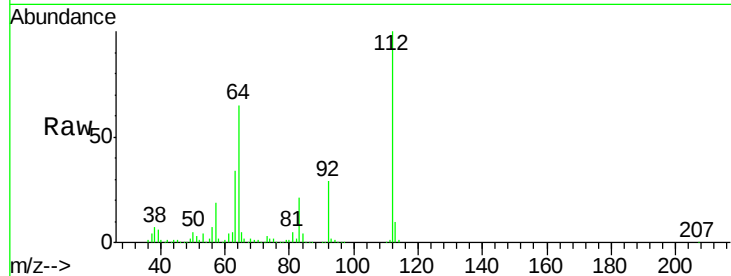
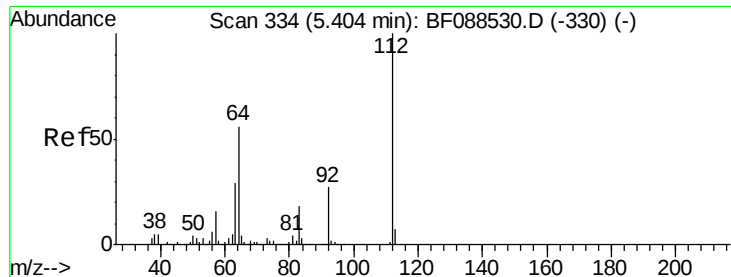


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 74.97 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

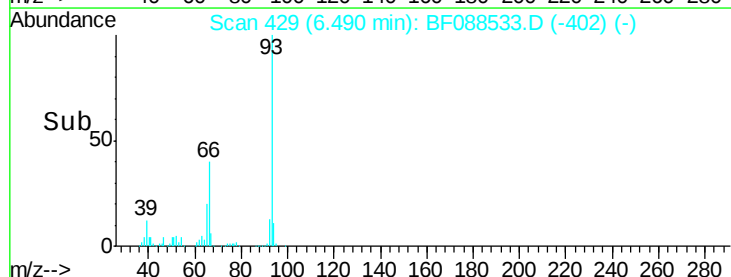
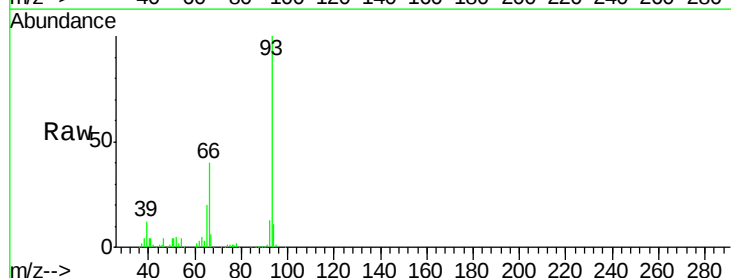
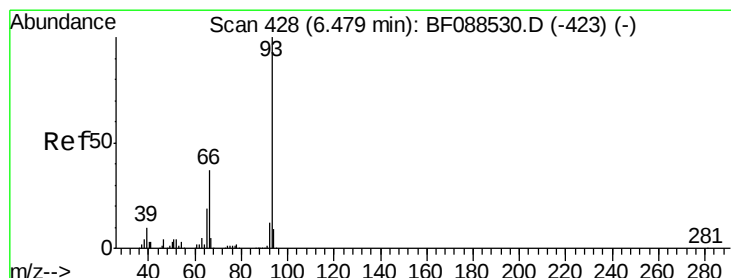
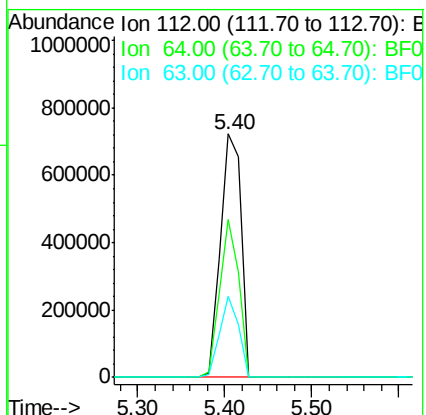
Tgt Ion:112 Resp: 1199719

Ion Ratio Lower Upper

112 100

64 64.9 42.2 63.2#

63 33.5 21.8 32.8#



#6

Aniline

Concen: 69.67 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

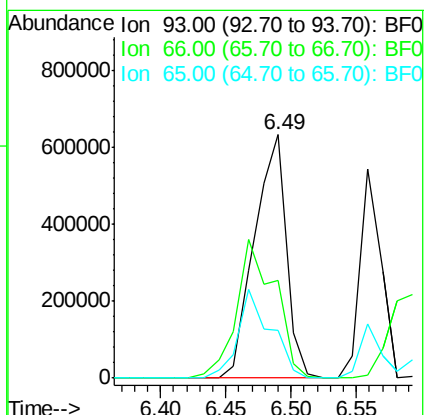
Tgt Ion: 93 Resp: 1088355

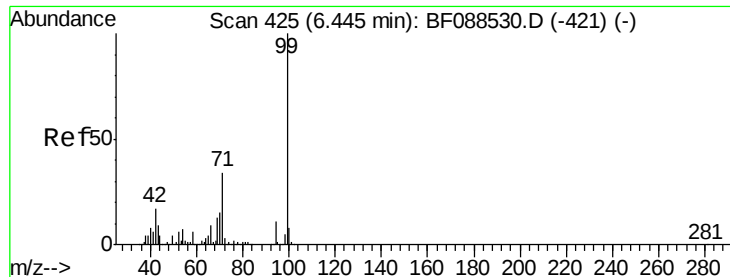
Ion Ratio Lower Upper

93 100

66 39.9 29.8 44.8

65 19.9 14.9 22.3





#7

Phenol-d6

Concen: 68.18 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

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ClientSampleId :

SSTDICC080

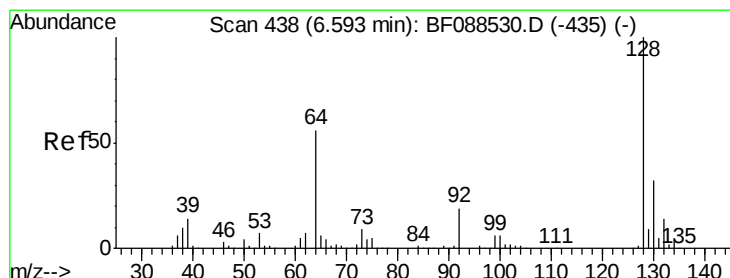
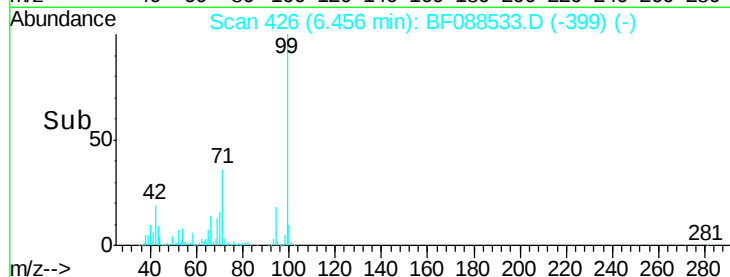
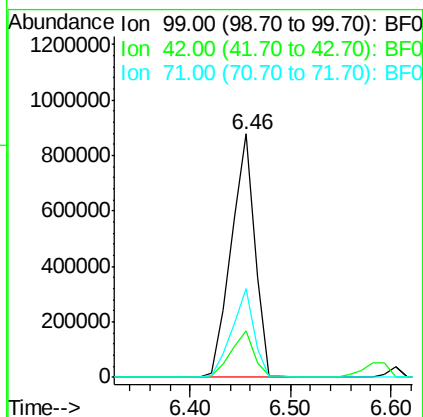
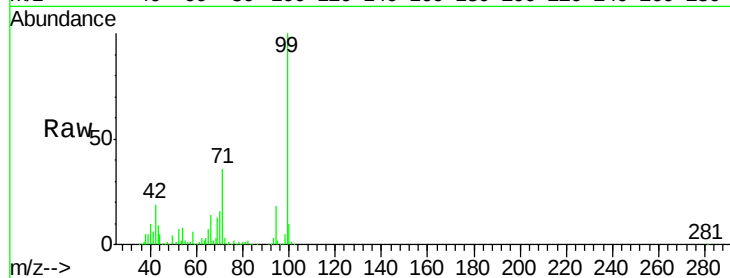
Tgt Ion: 99 Resp: 1426830

Ion Ratio Lower Upper

99 100

42 19.2 12.2 18.2#

71 36.2 23.4 35.0#



#8

2-Chlorophenol

Concen: 64.64 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

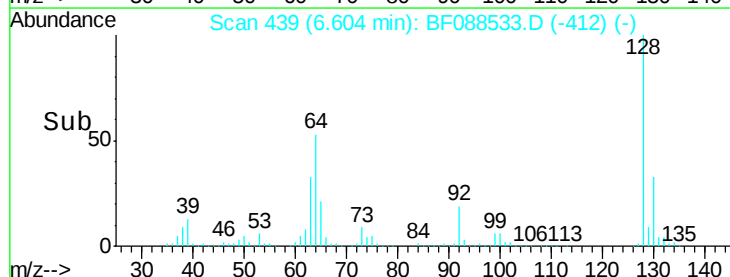
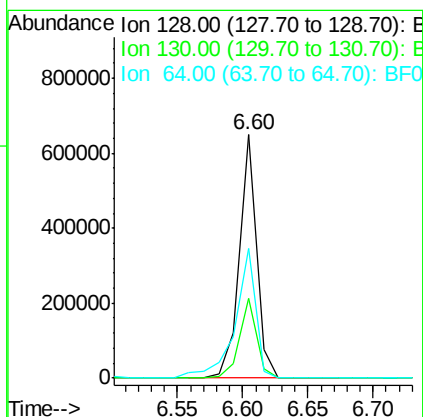
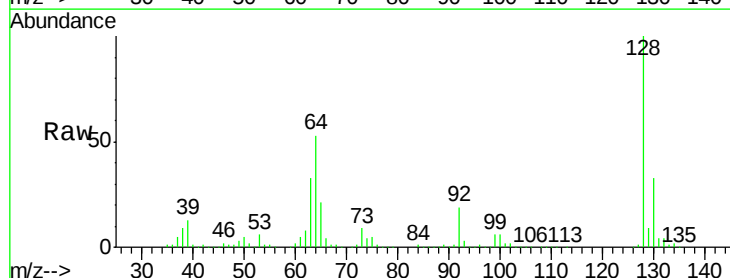
Tgt Ion: 128 Resp: 588591

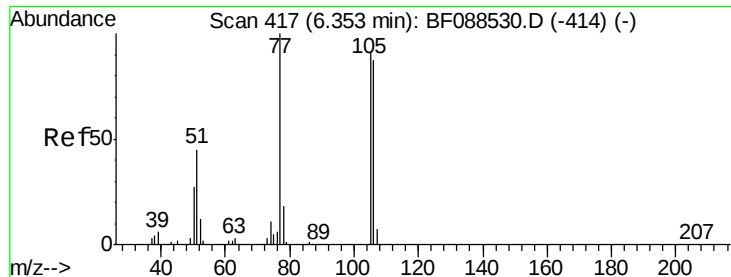
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 53.2 30.8 70.8





#9

Benzaldehyde

Concen: 116.71 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088533.D

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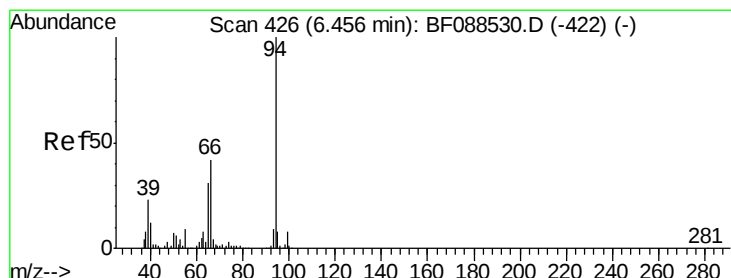
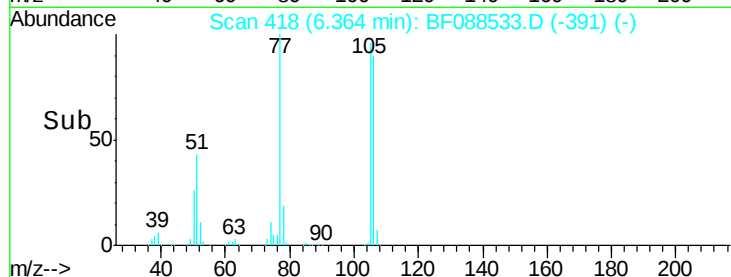
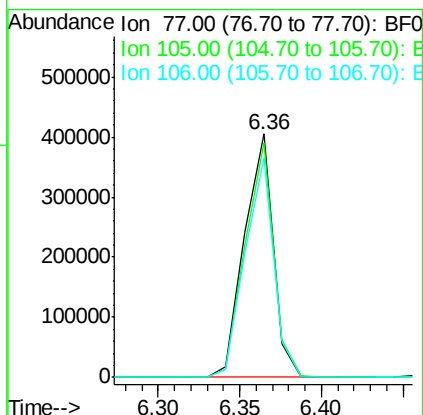
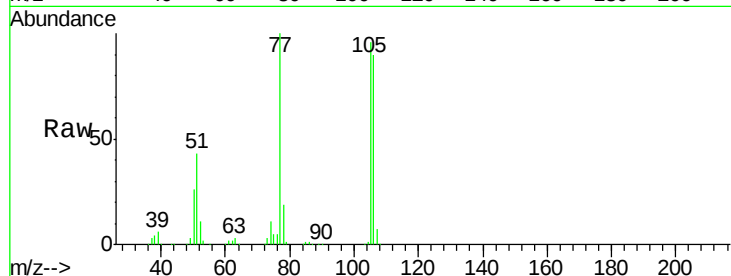
Tgt Ion: 77 Resp: 496580

Ion Ratio Lower Upper

77 100

105 96.2 90.6 130.6

106 90.2 85.3 125.3



#10

Phenol

Concen: 58.57 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

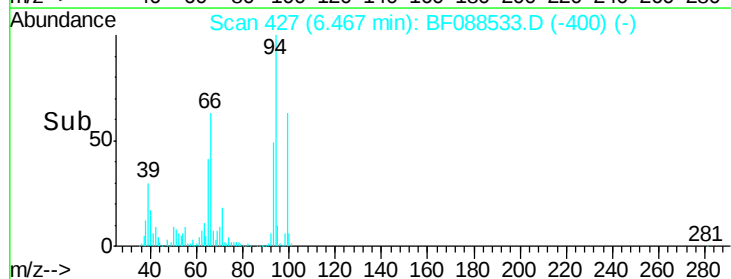
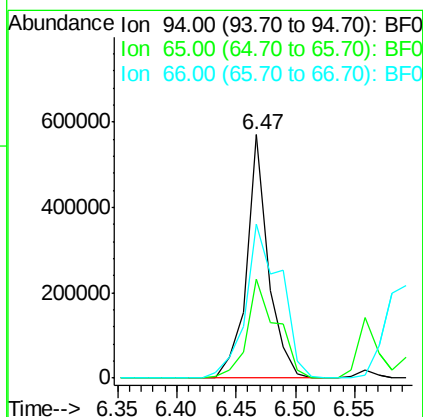
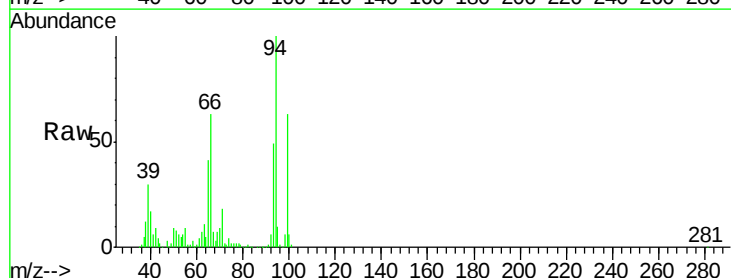
Tgt Ion: 94 Resp: 731831

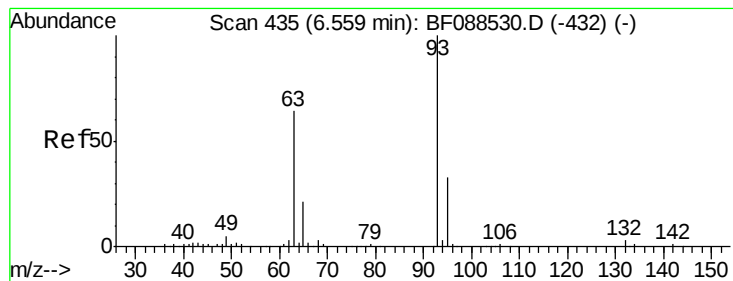
Ion Ratio Lower Upper

94 100

65 40.7 5.9 45.9

66 63.4 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 64.62 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

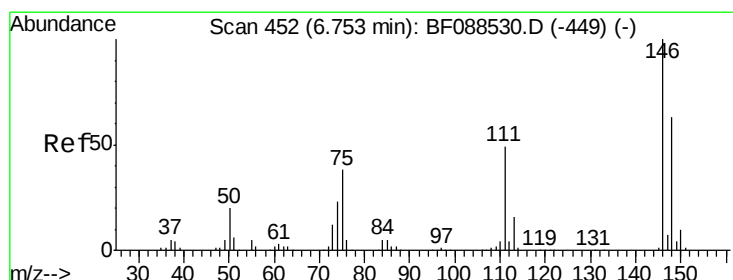
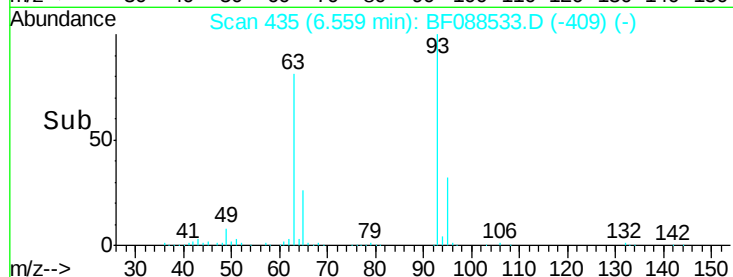
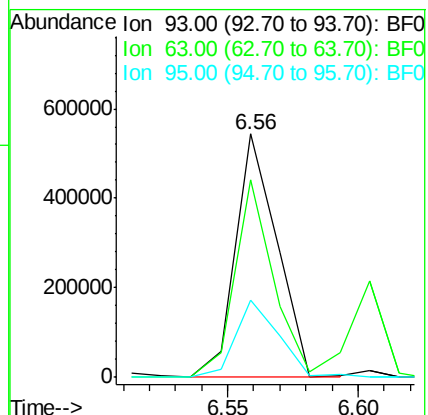
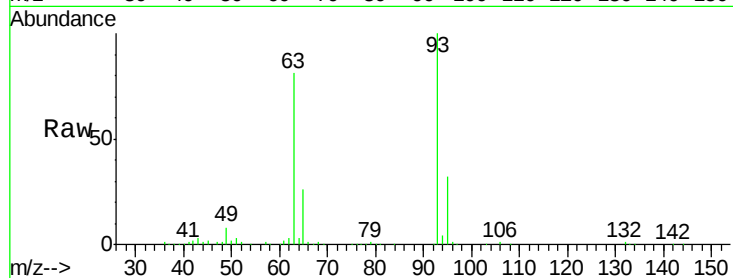
Tgt Ion: 93 Resp: 600805

Ion Ratio Lower Upper

93 100

63 81.2 67.6 107.6

95 31.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 73.54 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

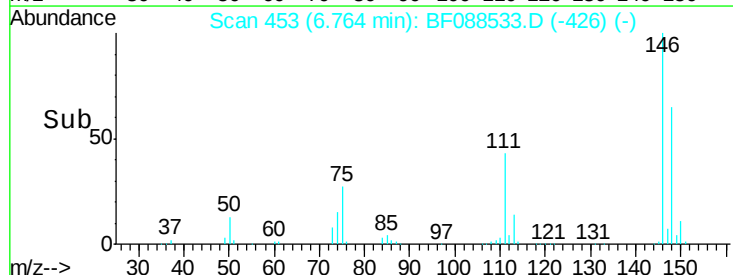
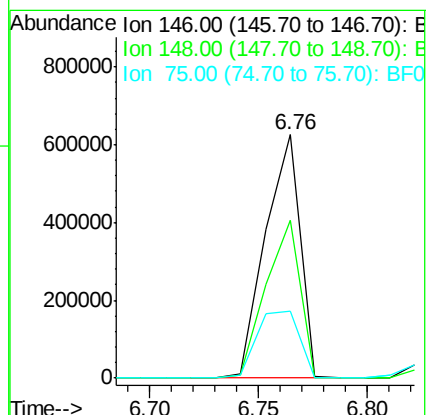
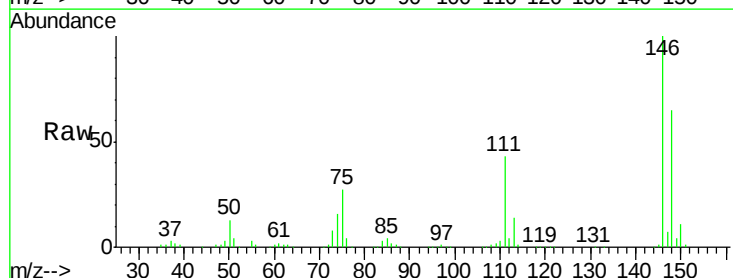
Tgt Ion: 146 Resp: 701450

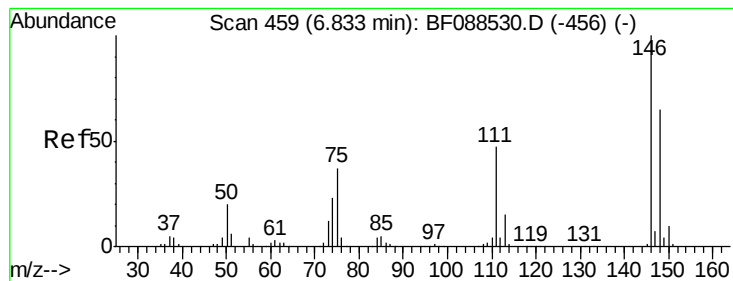
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 27.5 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 66.92 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

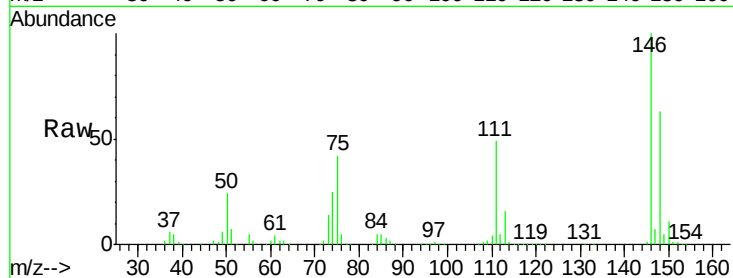
Tgt Ion:146 Resp: 640395

Ion Ratio Lower Upper

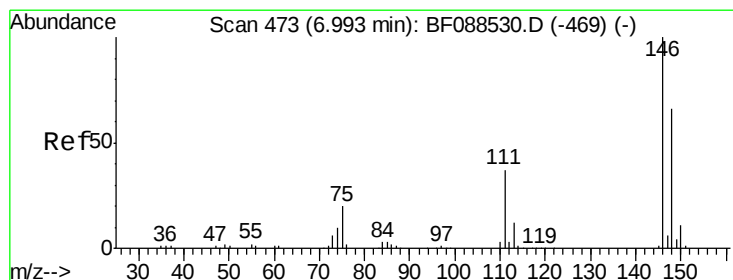
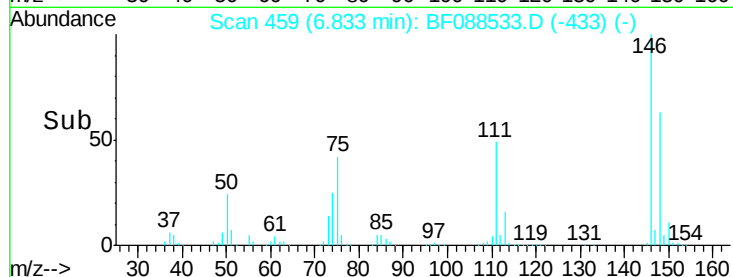
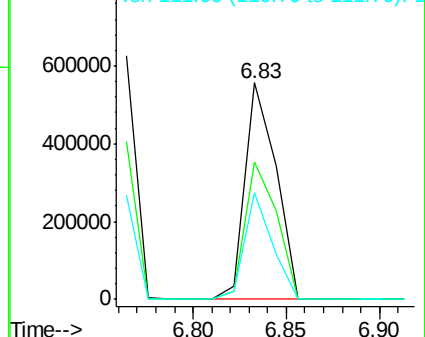
146 100

148 63.4 52.0 78.0

111 49.4 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: 78.56 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.23 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

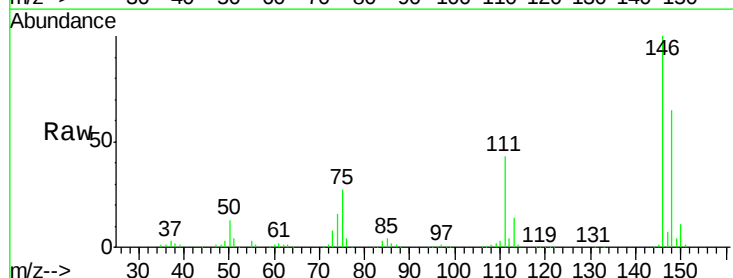
Tgt Ion:146 Resp: 701416

Ion Ratio Lower Upper

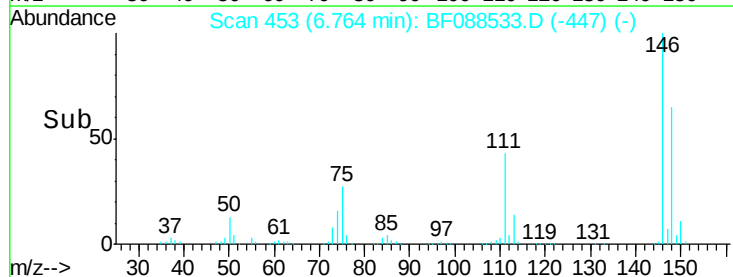
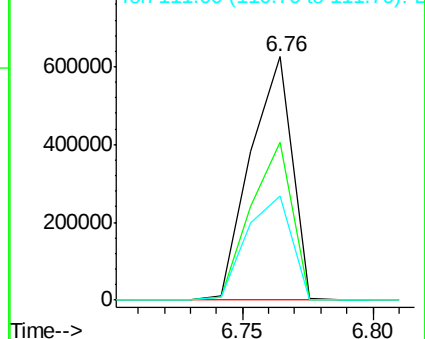
146 100

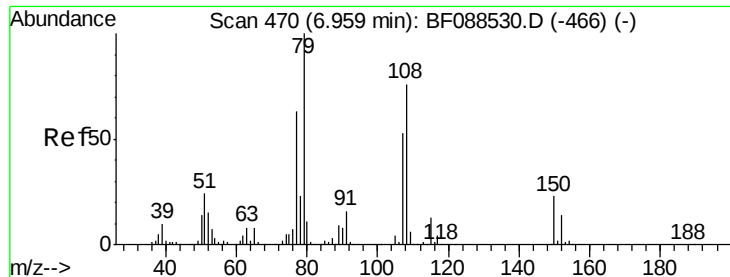
148 64.7 52.3 78.5

111 42.6 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: 66.69 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

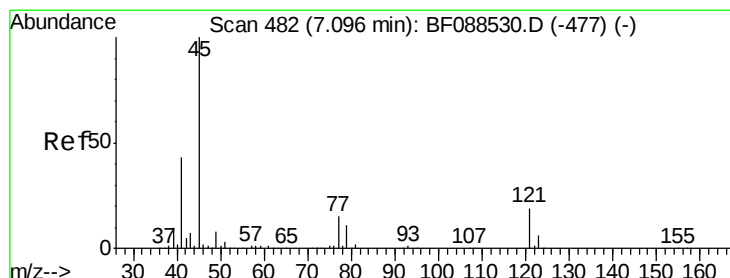
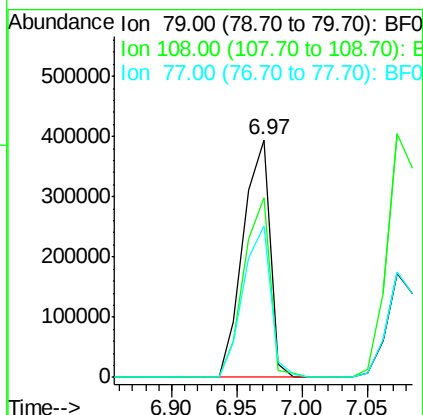
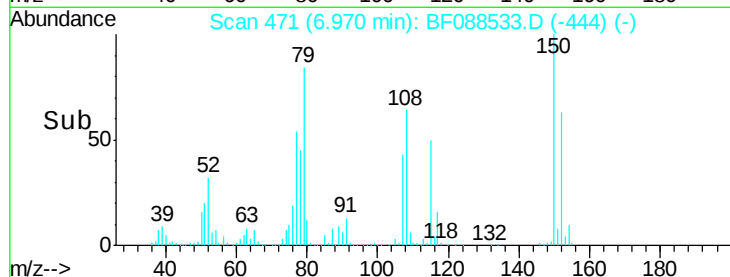
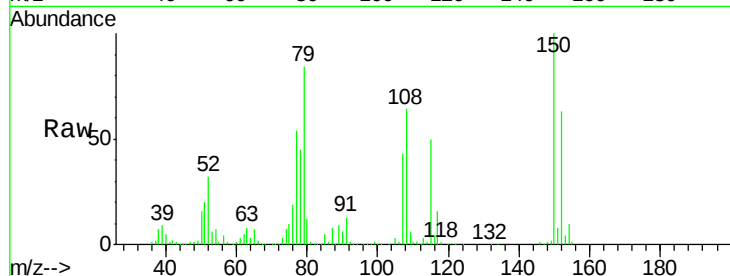
Tgt Ion: 79 Resp: 565899

Ion Ratio Lower Upper

79 100

108 75.7 65.0 97.6

77 63.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.46 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

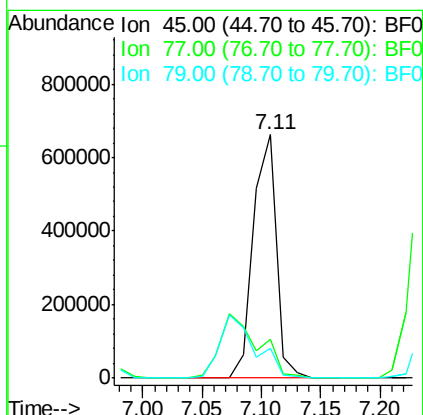
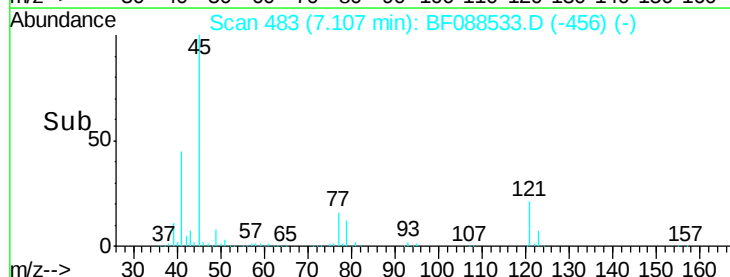
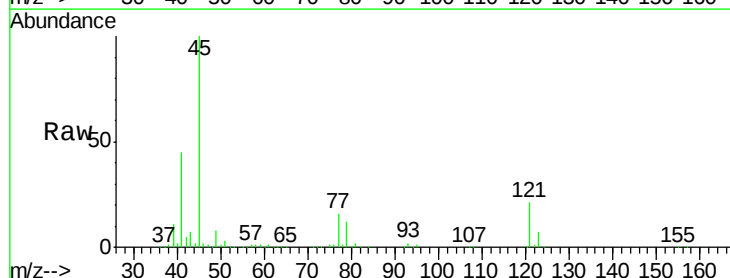
Tgt Ion: 45 Resp: 903742

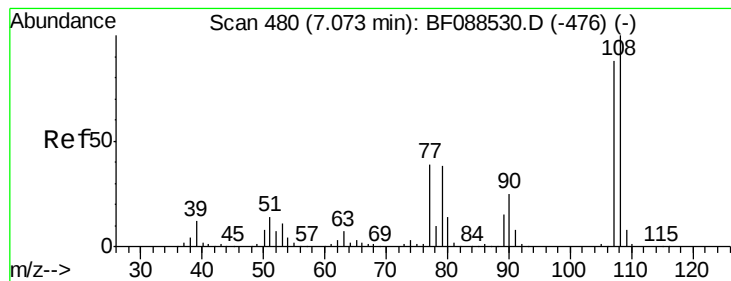
Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.5

79 12.3 0.0 29.5

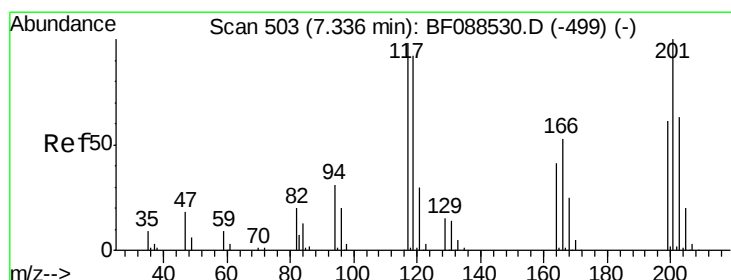
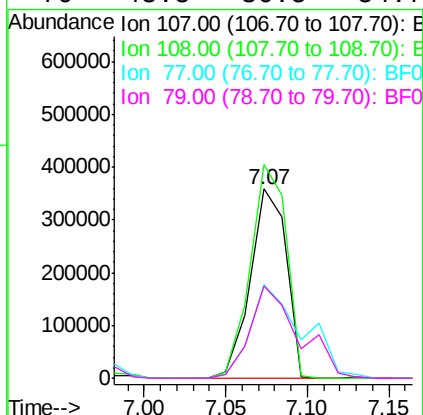
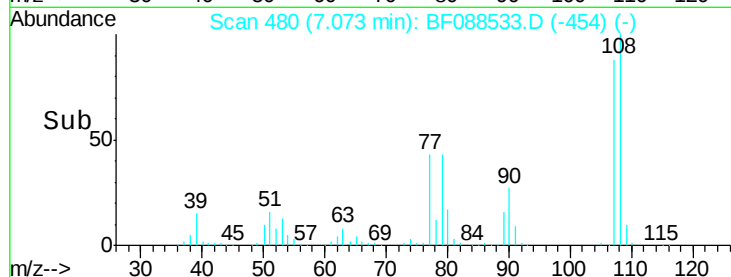
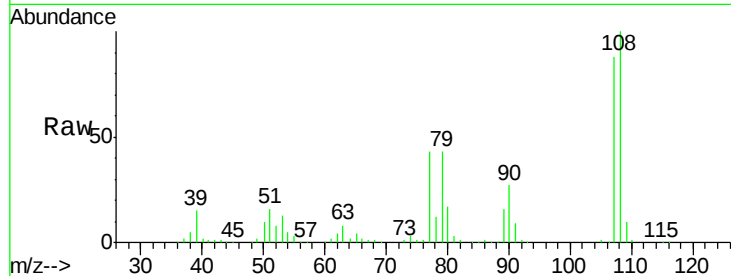




#17
2-Methylphenol
Concen: 71.10 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

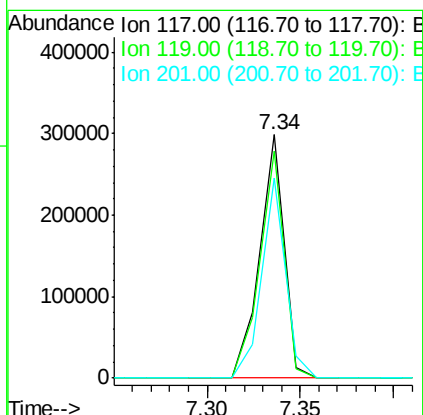
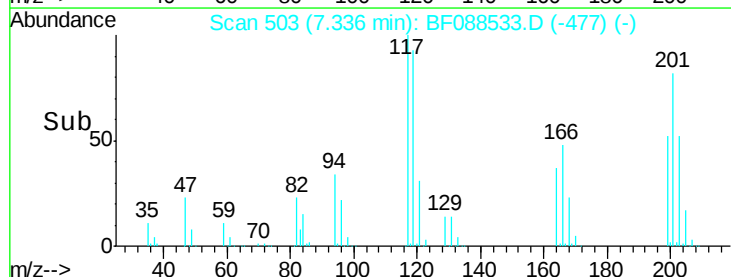
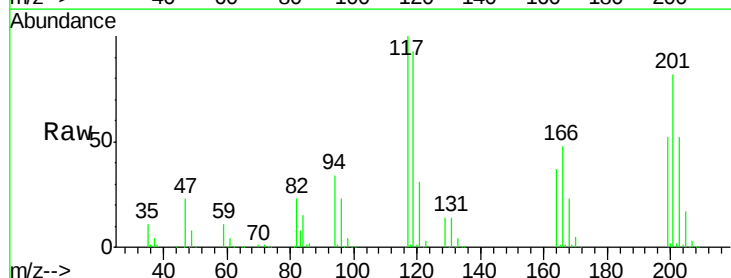
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

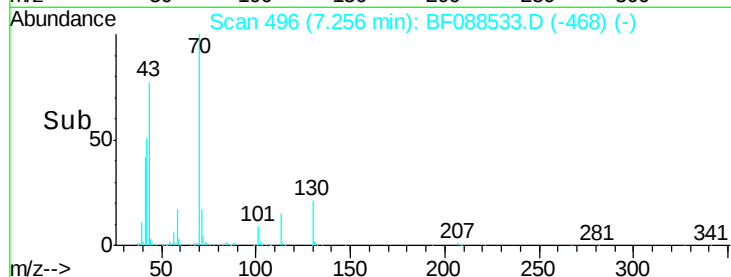
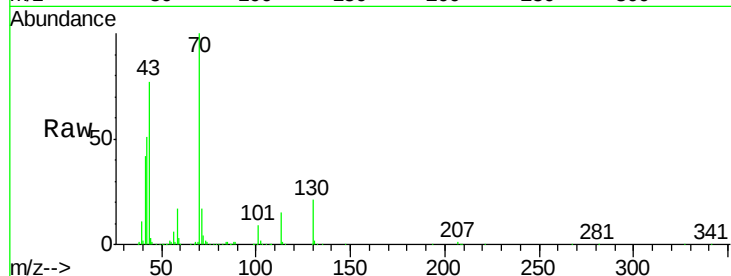
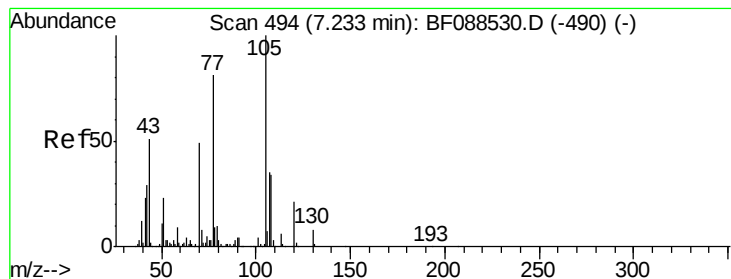
Tgt Ion:	107	Resp:	546852
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	49.2	36.6	55.0
79	48.5	36.5	54.7



#18
Hexachloroethane
Concen: 73.03 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:	117	Resp:	269547
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.2
201	82.1	80.4	120.6





#19

n-Nitroso-di-n-propylamine

Concen: 70.09 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 508563

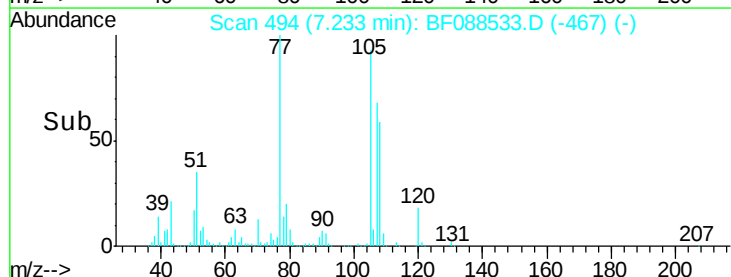
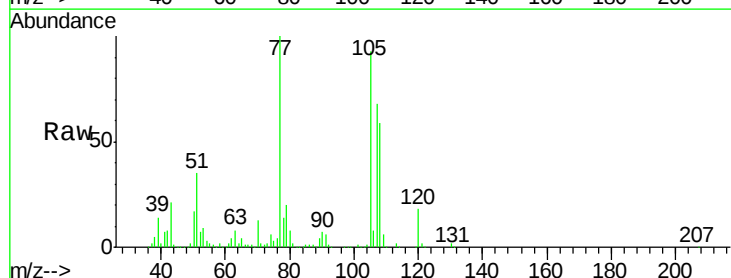
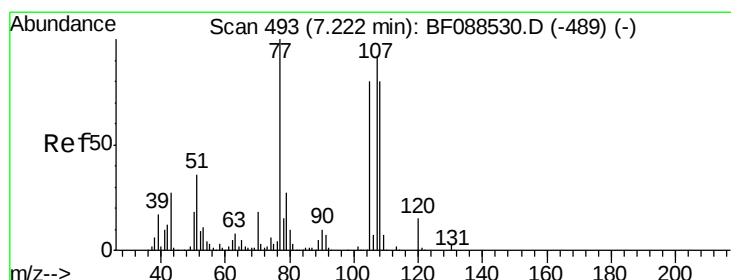
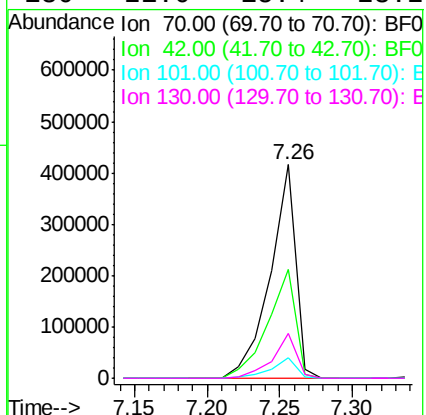
Ion Ratio Lower Upper

70 100

42 51.0 49.6 74.4

101 9.4 7.1 10.7

130 21.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 64.29 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion: 107 Resp: 581320

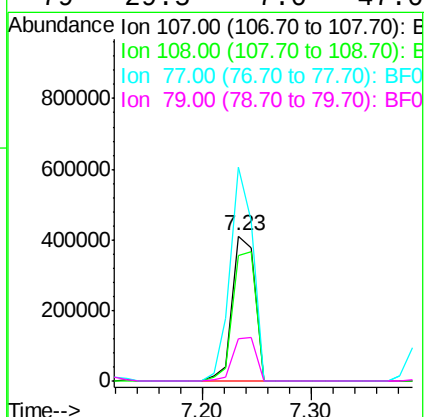
Ion Ratio Lower Upper

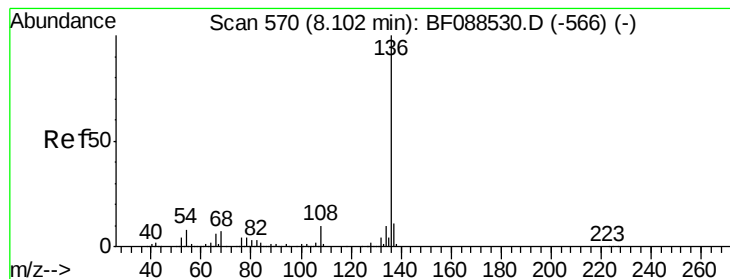
107 100

108 87.0 67.8 107.8

77 147.4 59.3 99.3#

79 29.5 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: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:136 Resp: 488964

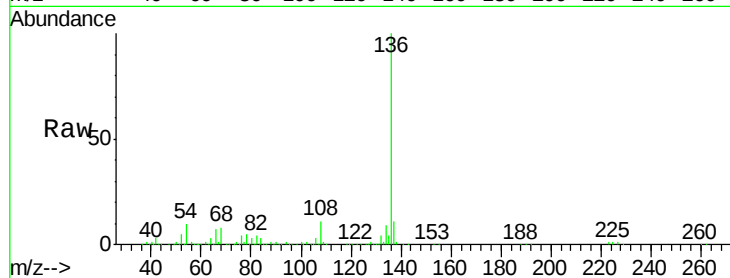
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.9 6.6 10.0

68 8.2 5.1 7.7#

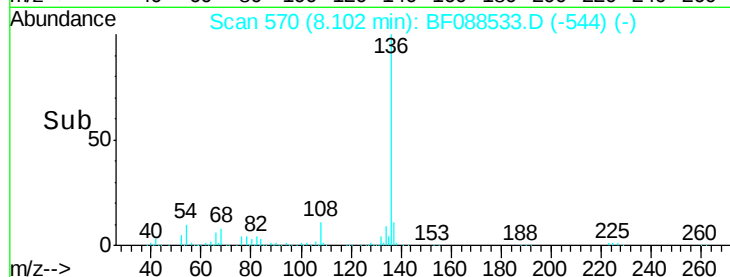


Abundance Ion 136.00 (135.70 to 136.70): E

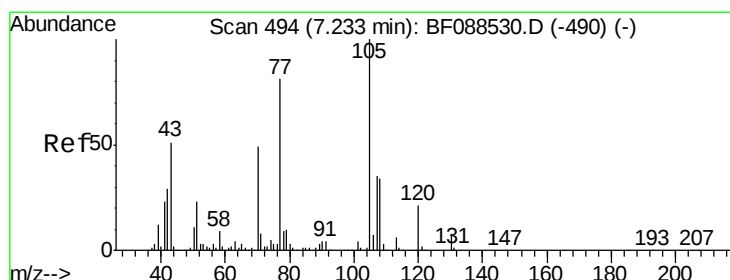
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 73.28 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:105 Resp: 867609

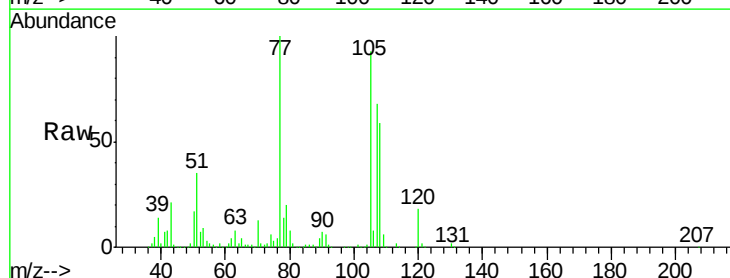
Ion Ratio Lower Upper

105 100

71 2.3 5.3 7.9#

51 37.6 18.2 27.4#

120 19.6 18.0 27.0

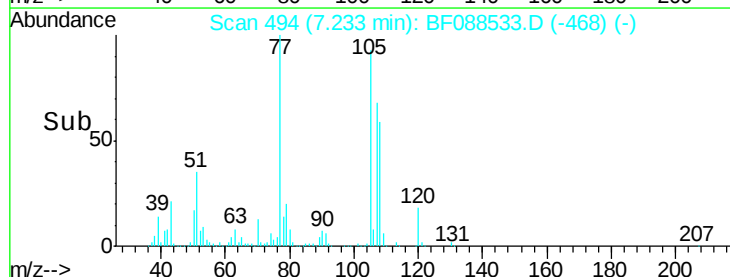


Abundance Ion 105.00 (104.70 to 105.70): E

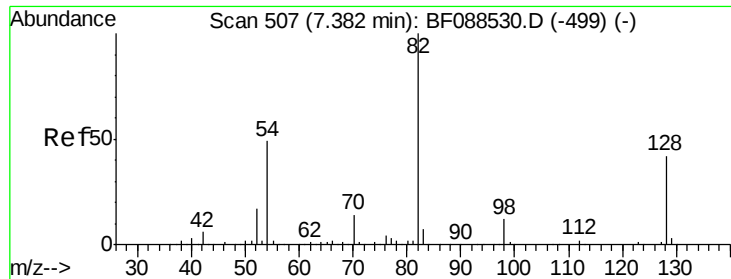
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



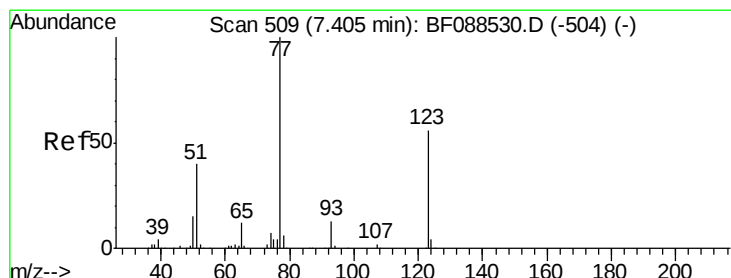
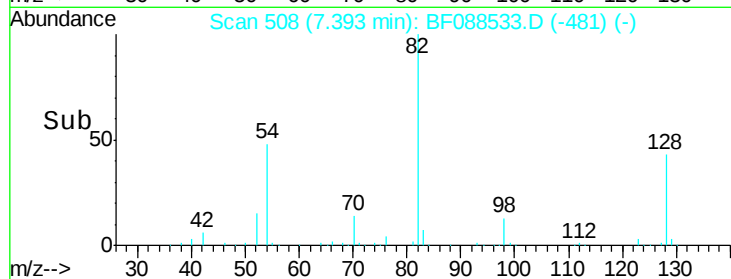
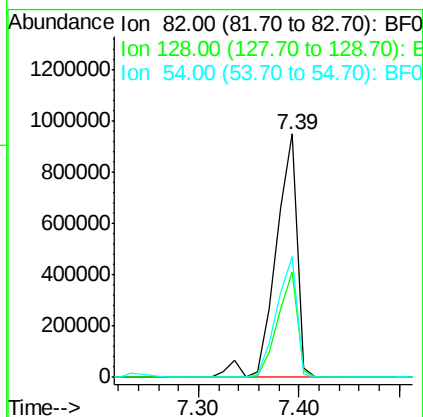
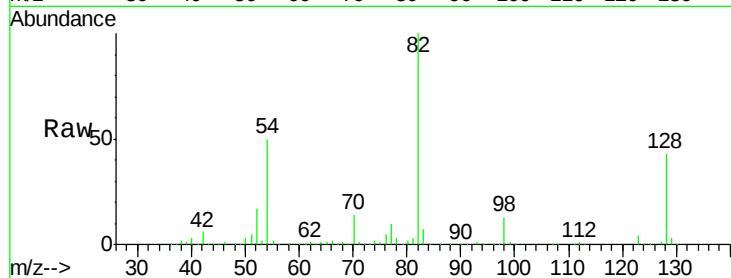
Time-->



#23
 Nitrobenzene-d5
 Concen: 73.12 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

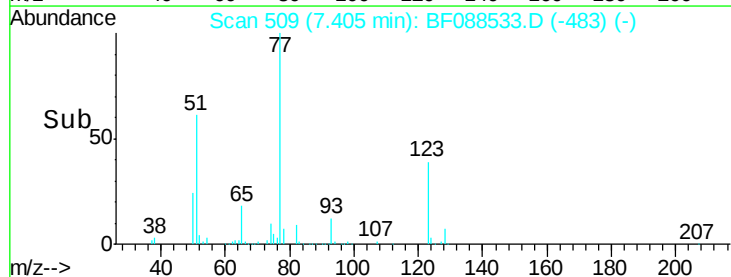
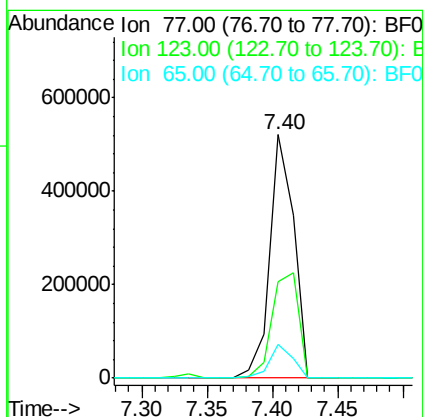
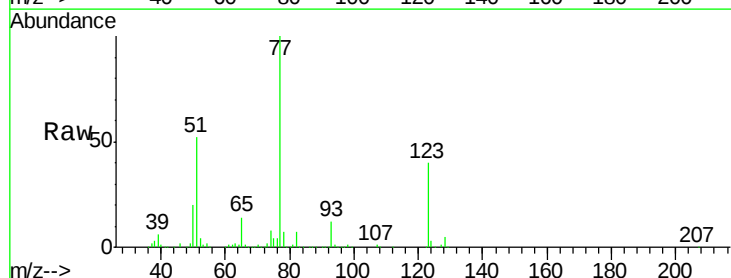
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

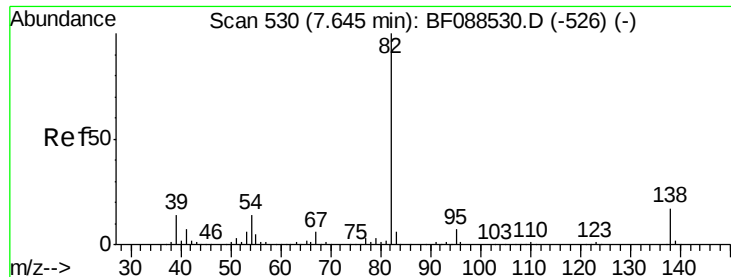
Tgt Ion: 82 Resp: 1387265
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.9 53.9
 54 49.6 40.9 61.3



#24
 Nitrobenzene
 Concen: 68.34 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion: 77 Resp: 672557
 Ion Ratio Lower Upper
 77 100
 123 39.8 45.0 67.4#
 65 14.1 10.2 15.2





#25

Isophorone

Concen: 72.78 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

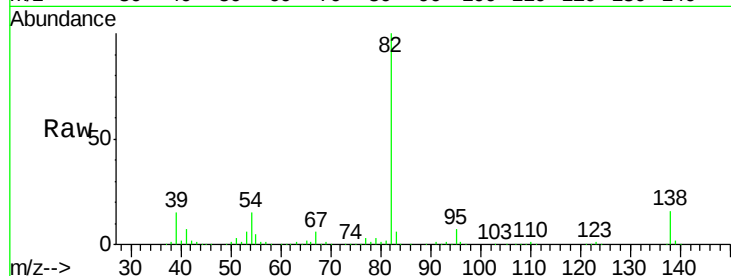
Tgt Ion: 82 Resp: 1342550

Ion Ratio Lower Upper

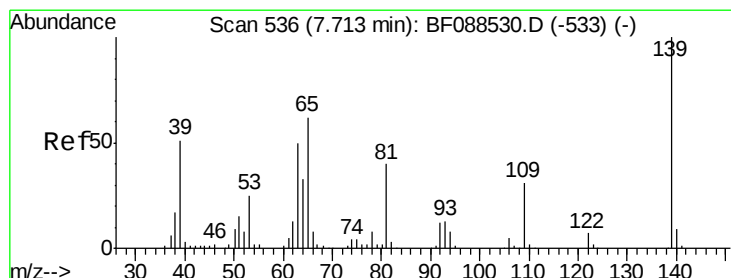
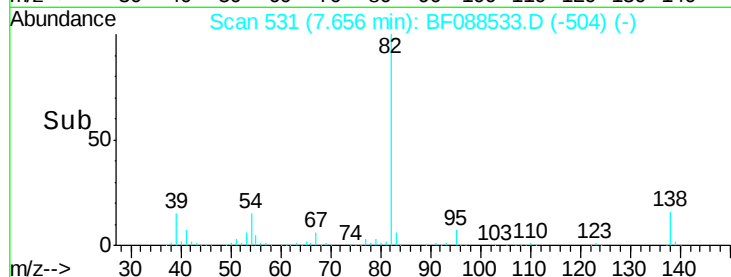
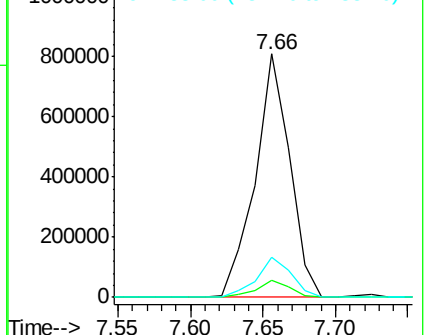
82 100

95 6.9 5.4 8.2

138 16.3 14.6 21.8



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



#26

2-Nitrophenol

Concen: 87.77 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

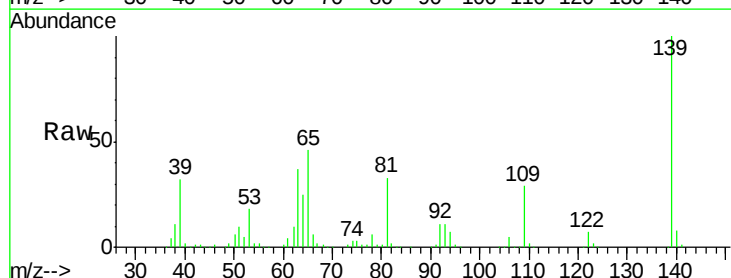
Tgt Ion: 139 Resp: 351261

Ion Ratio Lower Upper

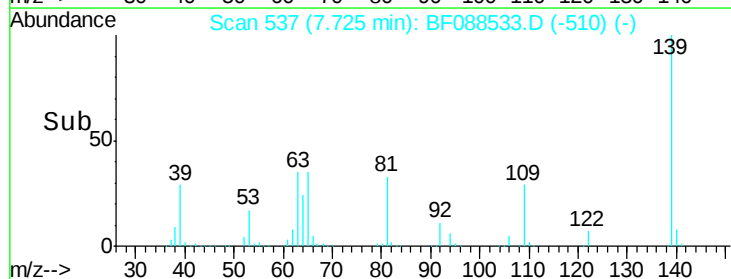
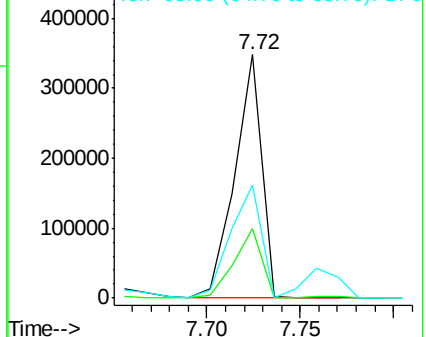
139 100

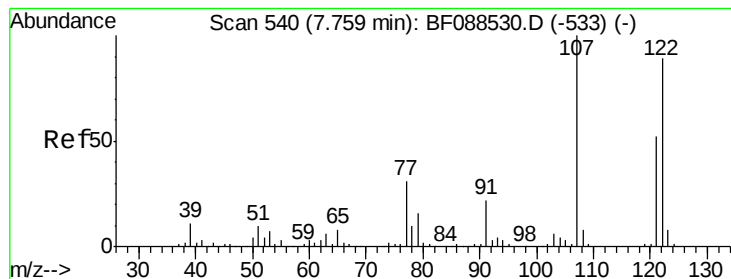
109 28.8 23.0 34.4

65 46.3 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 76.34 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

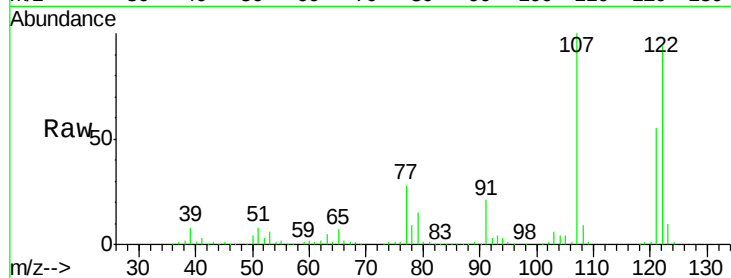
Tgt Ion:122 Resp: 623720

Ion Ratio Lower Upper

122 100

107 105.8 82.4 123.6

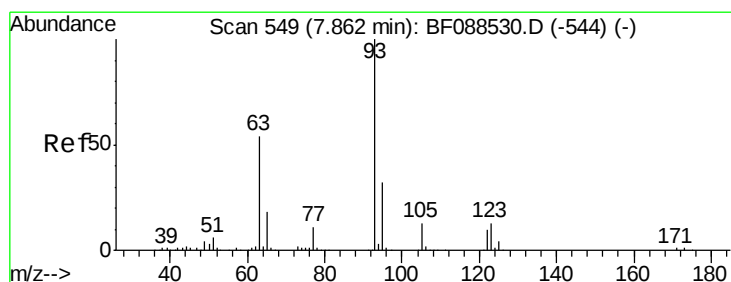
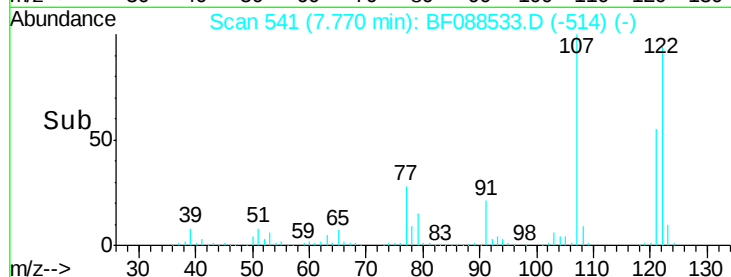
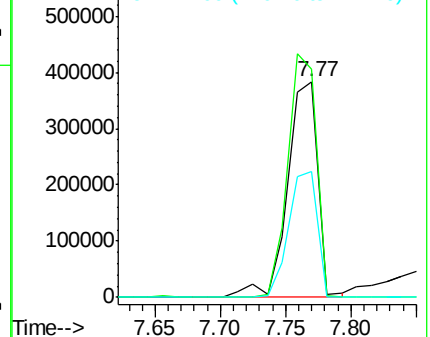
121 58.4 46.3 69.5



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: 65.17 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

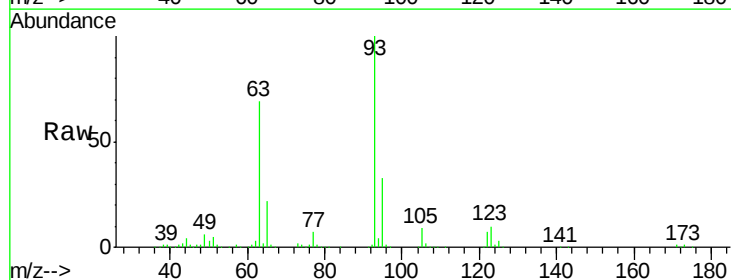
Tgt Ion: 93 Resp: 746906

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

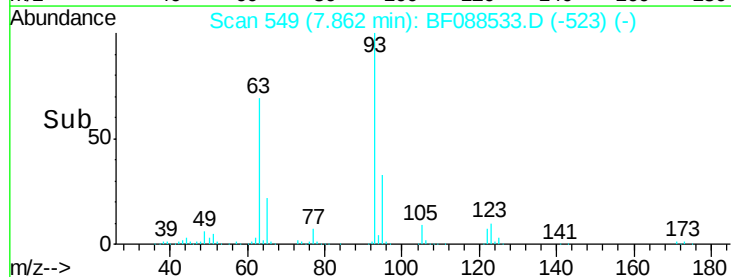
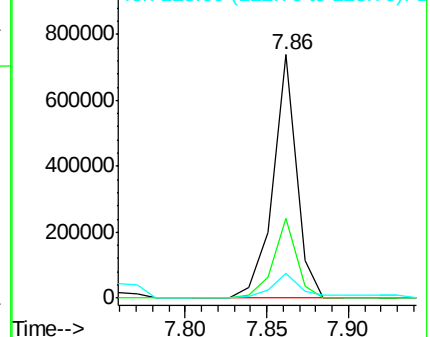
123 10.3 11.6 17.4#

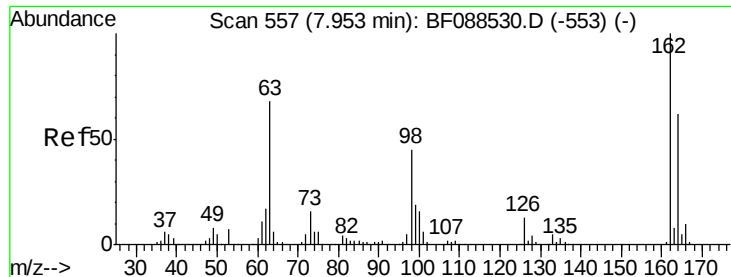


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

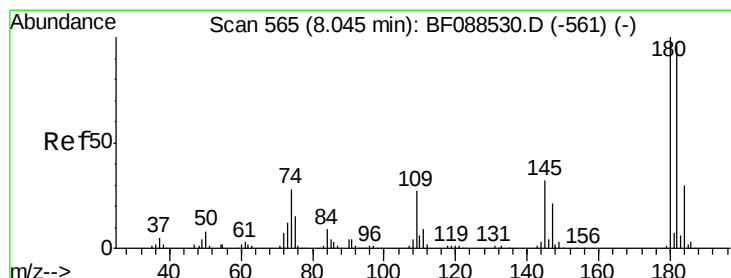
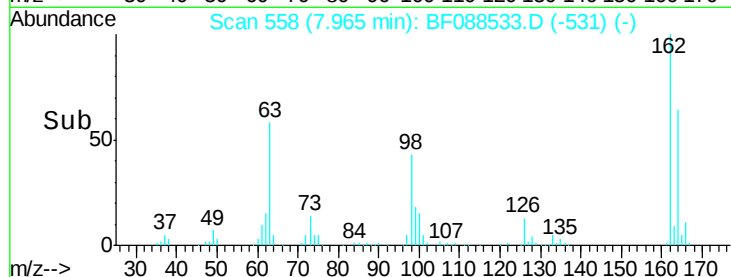
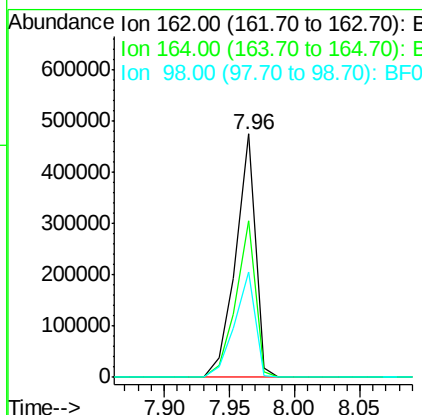
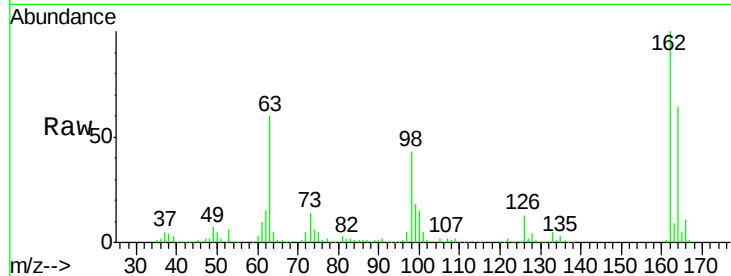




#29
2,4-Dichlorophenol
Concen: 73.87 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

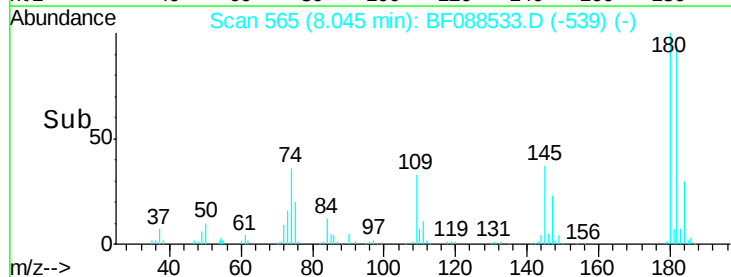
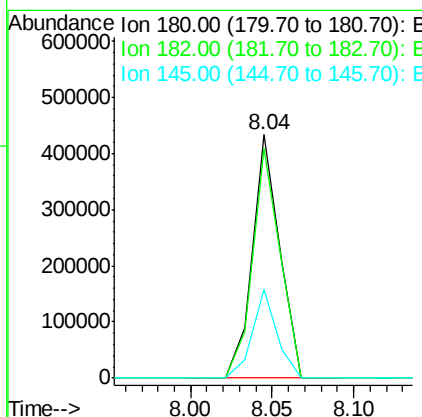
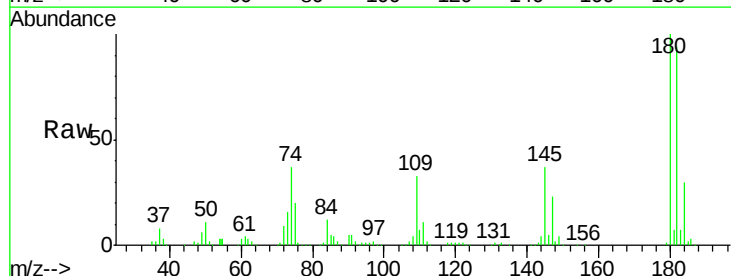
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

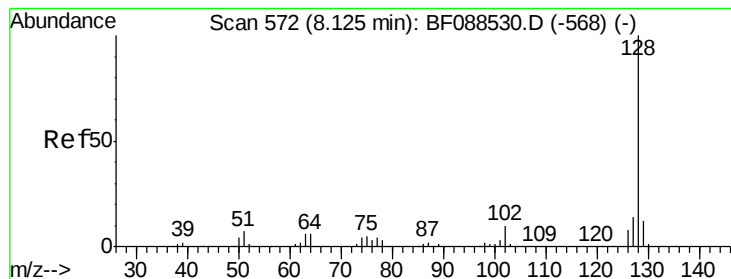
Tgt Ion:162 Resp: 500109
Ion Ratio Lower Upper
162 100
164 64.3 43.8 83.8
98 43.0 21.3 61.3



#30
1,2,4-Trichlorobenzene
Concen: 70.10 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:180 Resp: 501798
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 36.7 26.5 39.7





#31

Naphthalene

Concen: 68.83 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

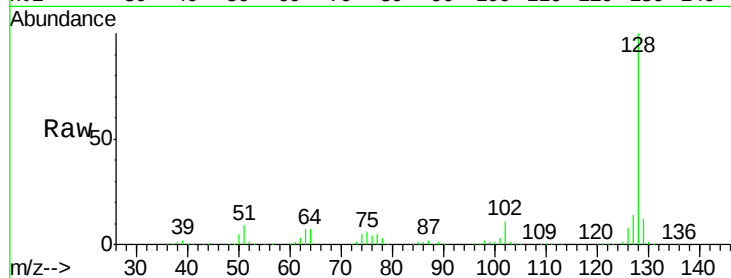
Tgt Ion:128 Resp: 1654708

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.2

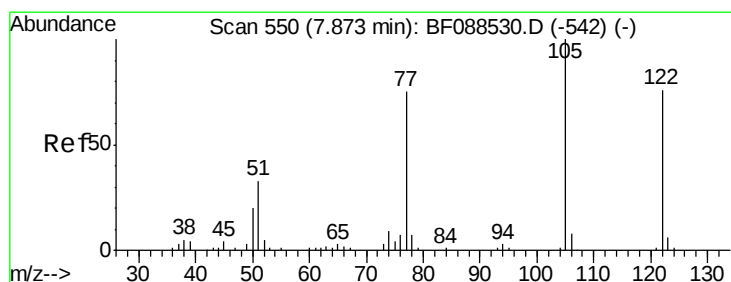
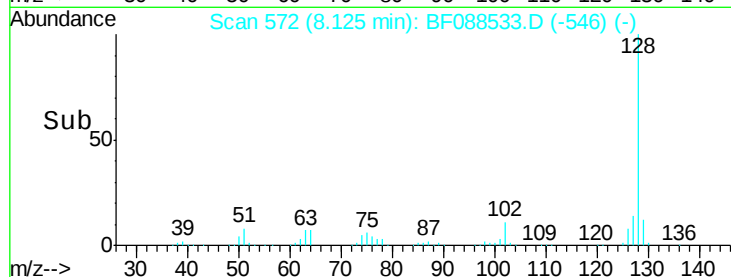
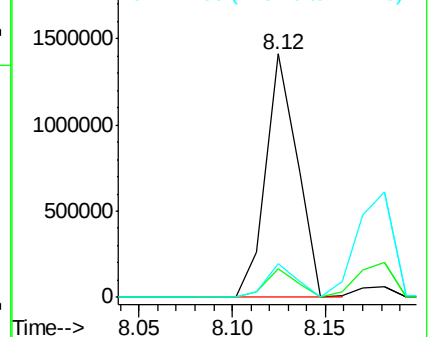
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 119.72 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.06 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

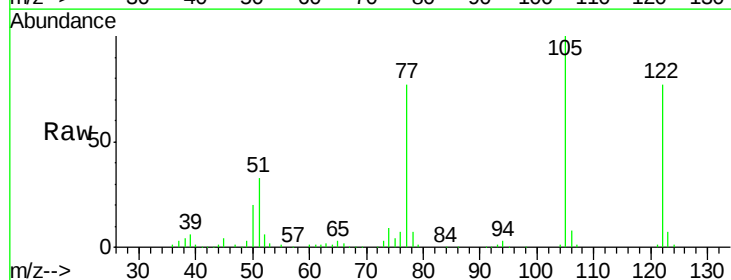
Tgt Ion:122 Resp: 527034

Ion Ratio Lower Upper

122 100

105 130.7 101.6 141.6

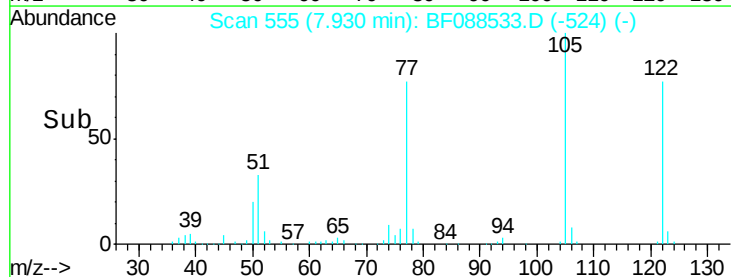
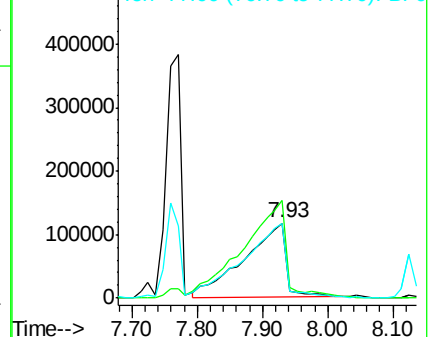
77 100.4 70.6 110.6

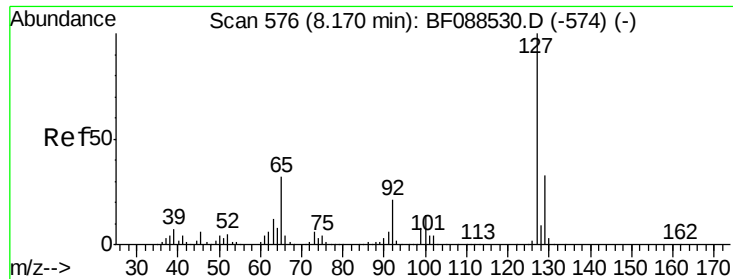


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

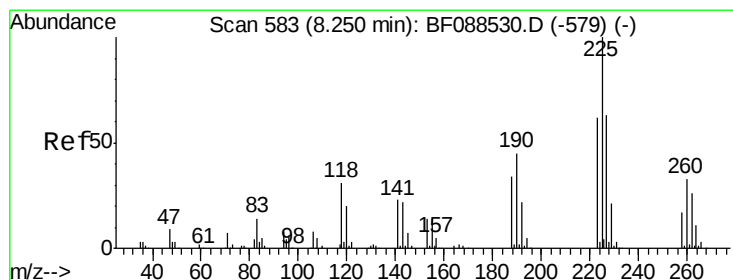
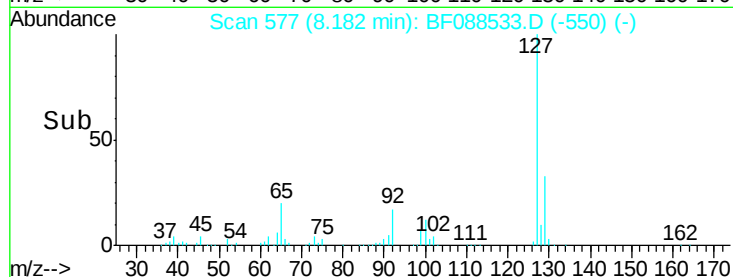
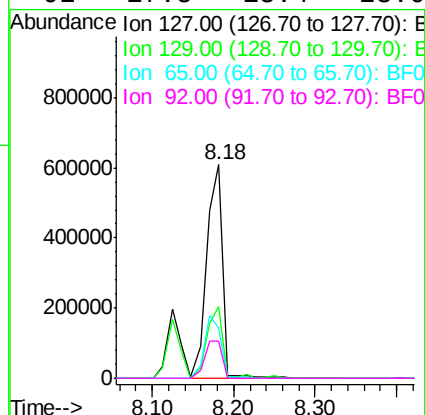
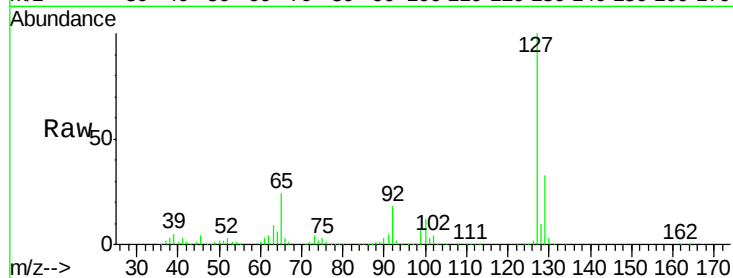




#33
4-Chloroaniline
Concen: 78.89 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

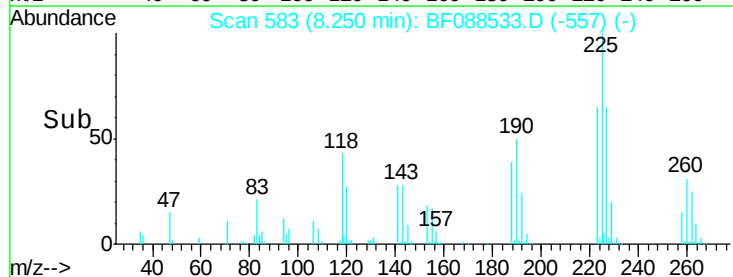
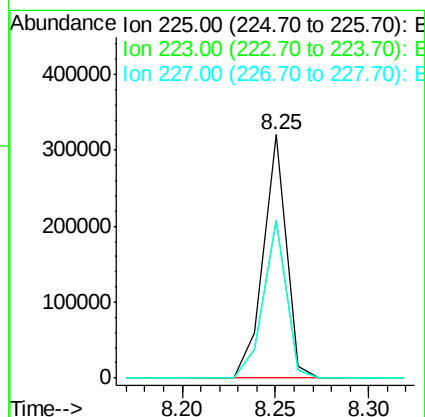
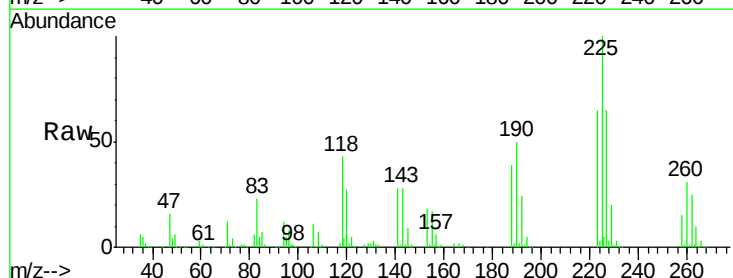
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

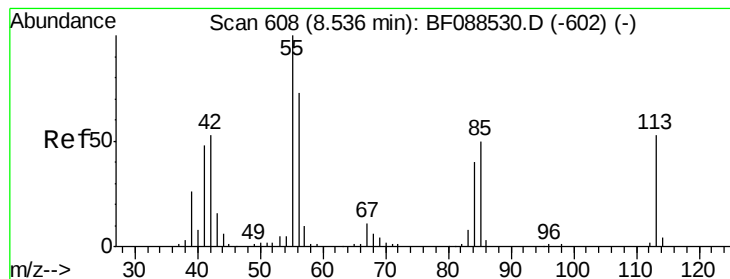
Tgt Ion:	127	Resp:	833429
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	23.6	24.7	37.1#
92	17.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 71.75 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:	225	Resp:	272244
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.9	76.3
227	64.6	51.9	77.9





#35

Caprolactam

Concen: 72.93 ng

RT: 8.57 min Scan# 611

Delta R.T. 0.03 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

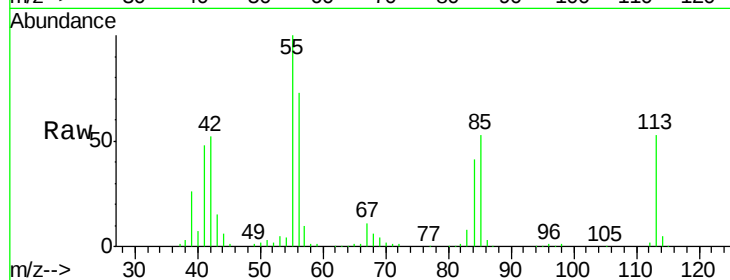
Tgt Ion:113 Resp: 174636

Ion Ratio Lower Upper

113 100

55 187.3 158.6 198.6

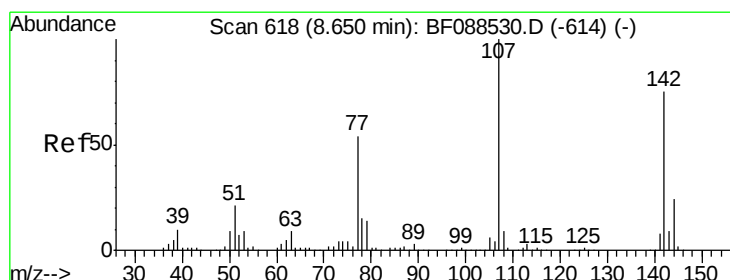
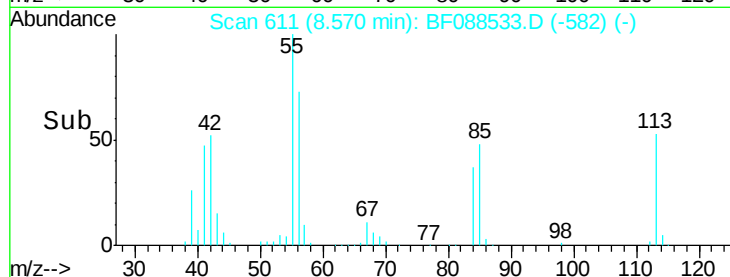
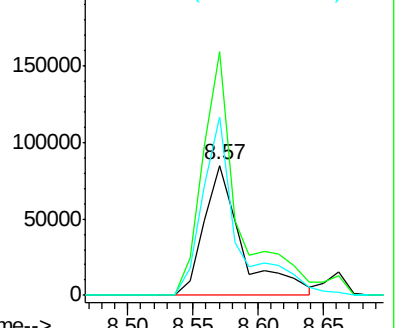
56 137.4 110.6 150.6



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: 72.14 ng

RT: 8.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

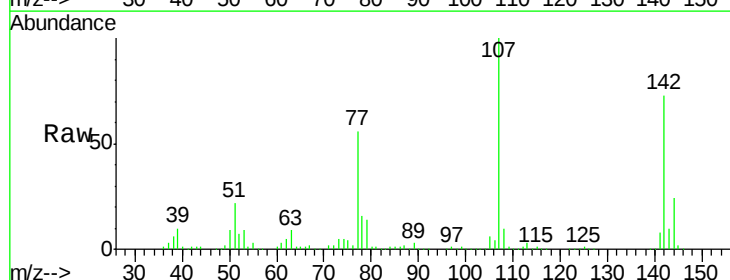
Tgt Ion:107 Resp: 553683

Ion Ratio Lower Upper

107 100

144 24.2 20.8 31.2

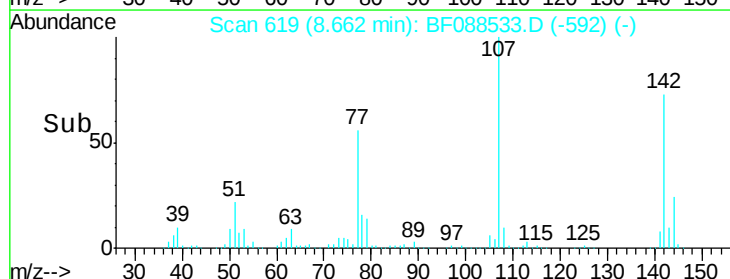
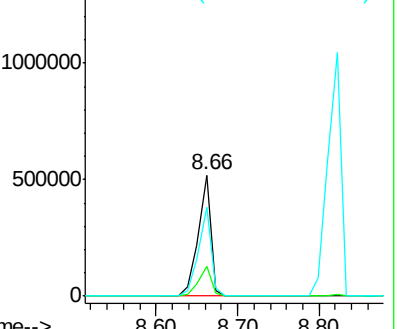
142 72.9 63.4 95.2

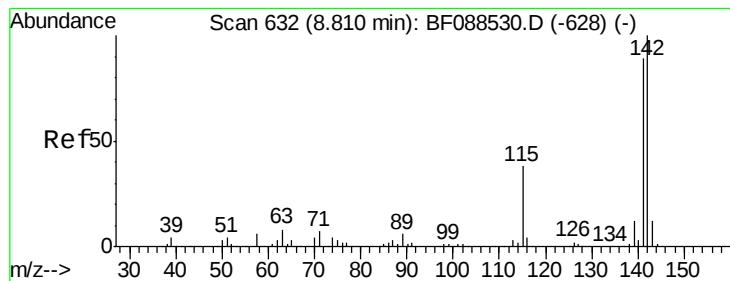


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 72.55 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

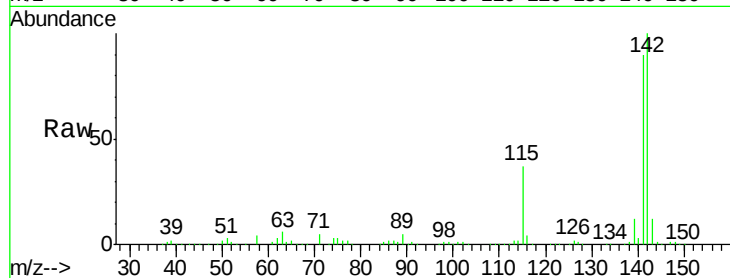
Tgt Ion:142 Resp: 1156760

Ion Ratio Lower Upper

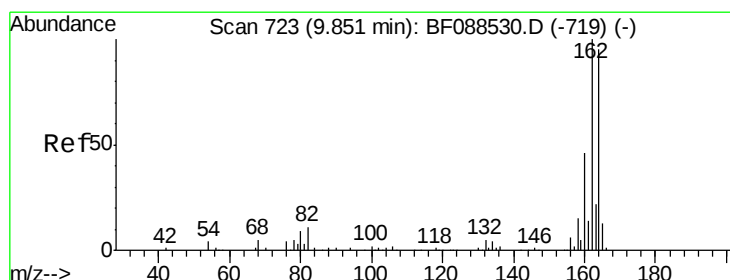
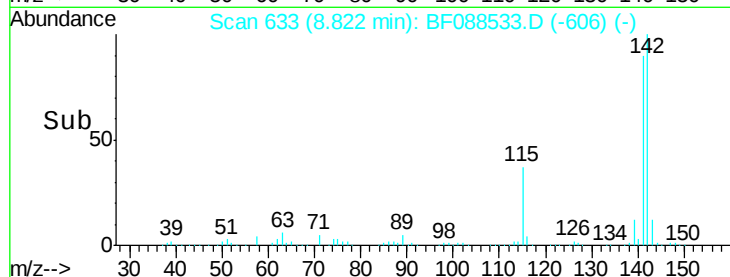
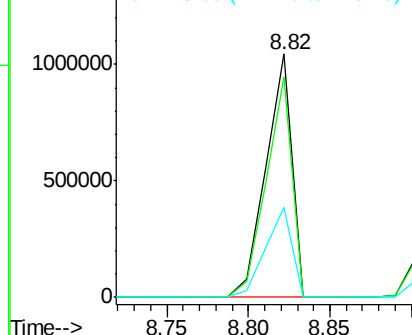
142 100

141 90.5 71.0 106.6

115 37.1 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: BF088533.D

Acq: 30 Jun 2016 17:06

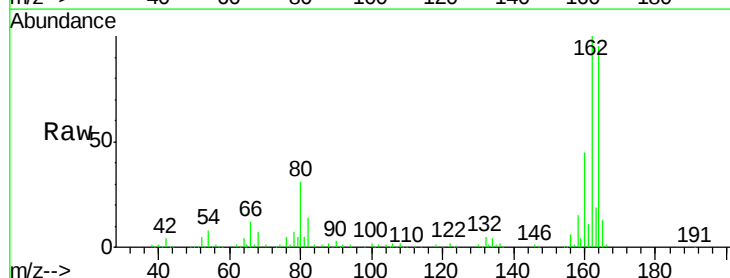
Tgt Ion:164 Resp: 221247

Ion Ratio Lower Upper

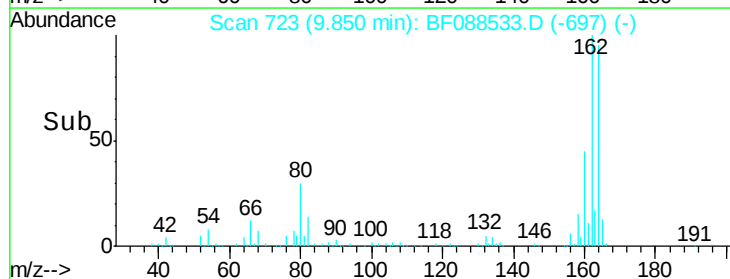
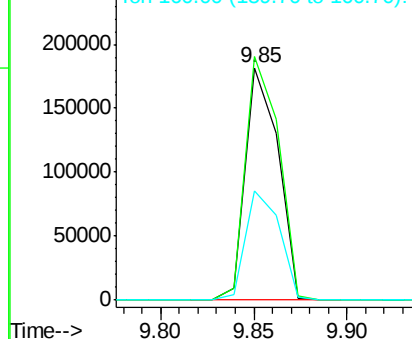
164 100

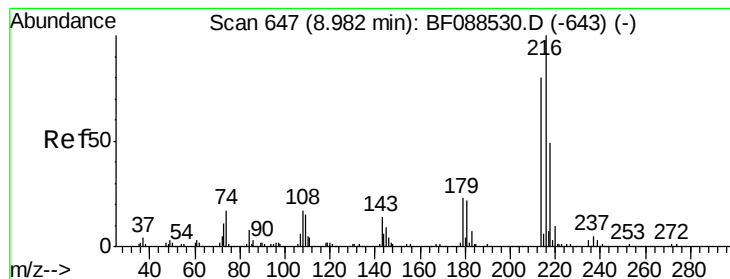
162 104.8 85.4 128.2

160 47.0 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: 79.83 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 485566

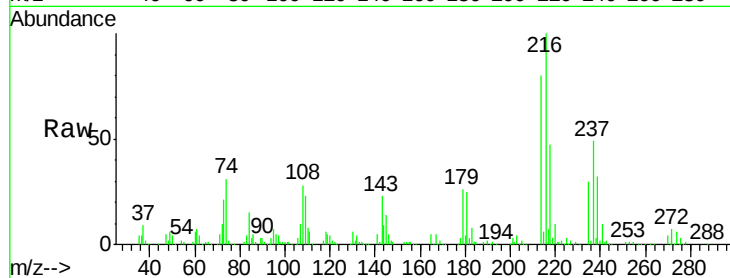
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 22.4 0.0 0.0#

108 22.2 0.5 0.7#

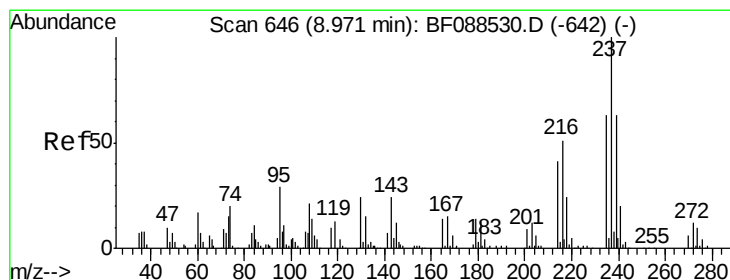
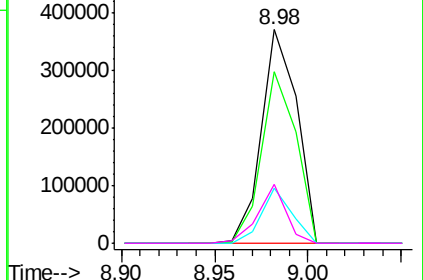
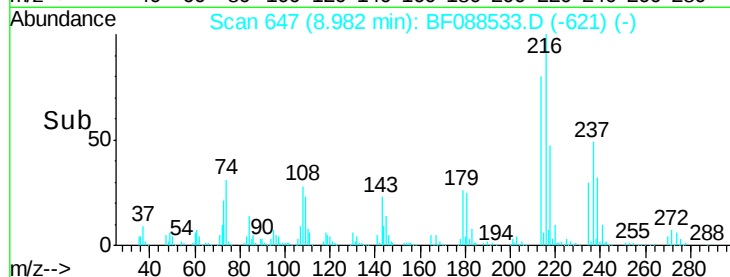


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.50 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

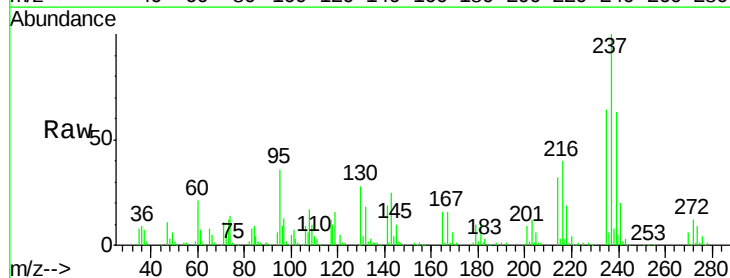
Tgt Ion:237 Resp: 276473

Ion Ratio Lower Upper

237 100

235 64.2 43.4 83.4

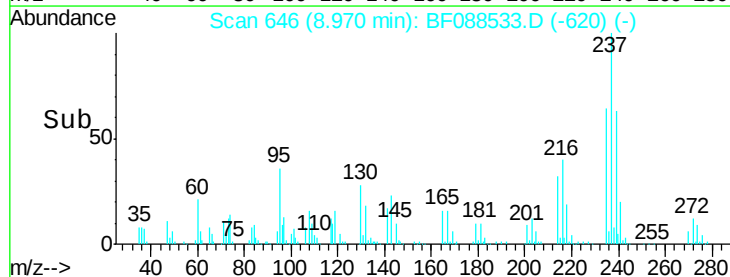
272 11.9 0.0 32.3



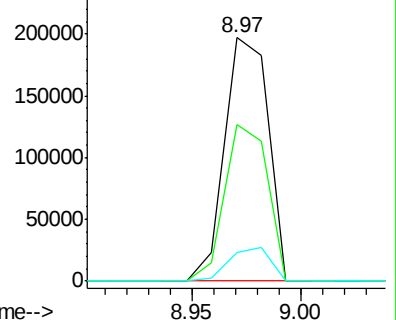
Abundance Ion 236.80 (236.50 to 237.50): E

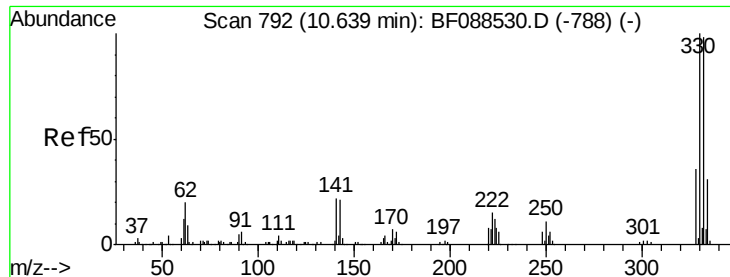
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

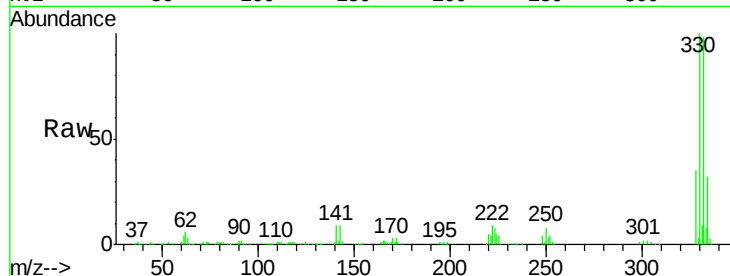




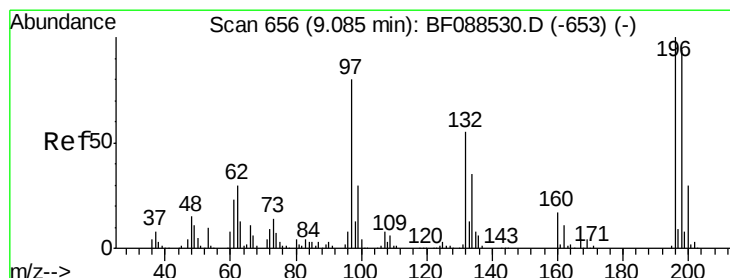
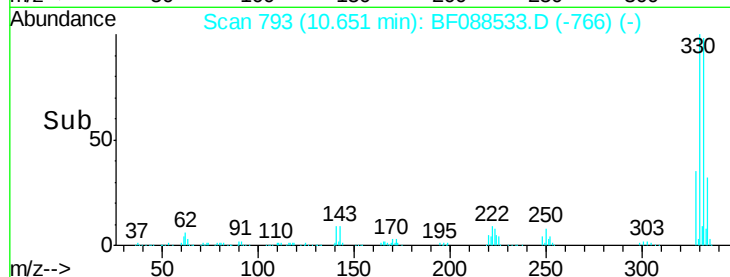
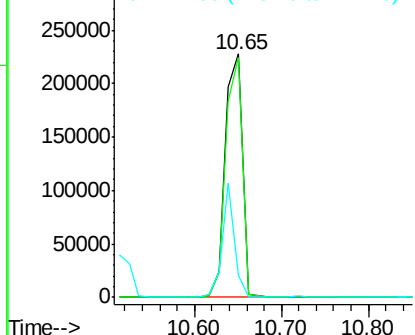
#41
 2,4,6-Tribromophenol
 Concen: 78.90 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:330 Resp: 313391
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 34.2 0.0 0.0#

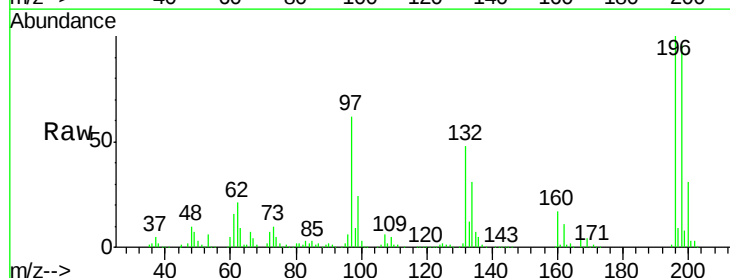


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

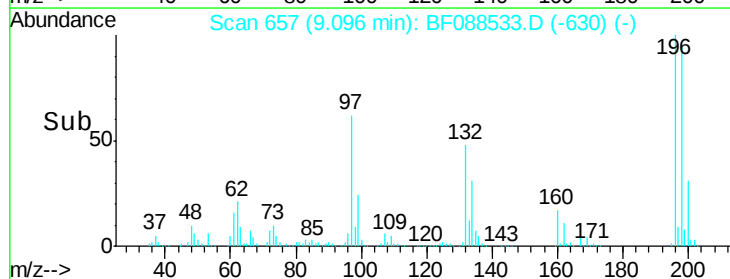
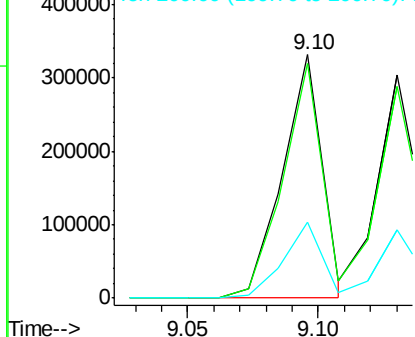


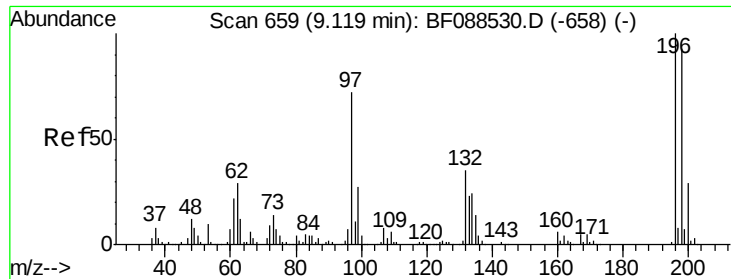
#42
 2,4,6-Trichlorophenol
 Concen: 72.31 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:196 Resp: 349962
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.0 117.0
 200 31.0 25.4 38.2



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

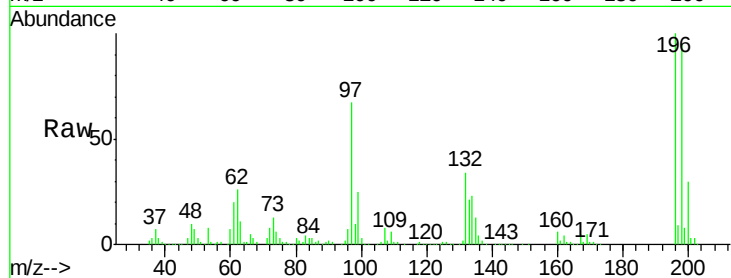




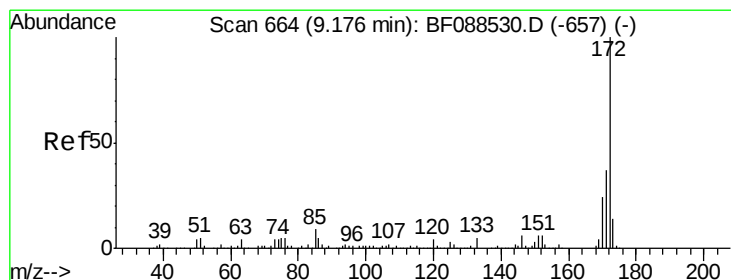
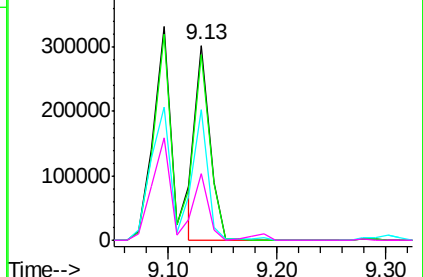
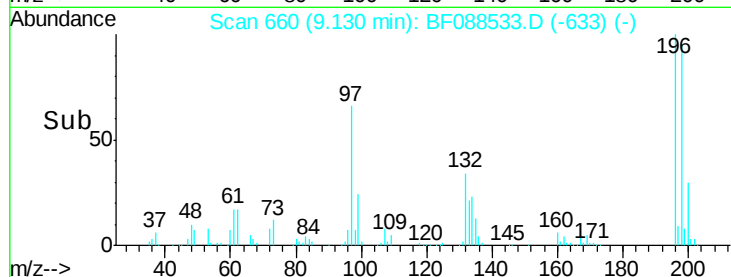
#43
 2,4,5-Trichlorophenol
 Concen: 60.93 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:196 Resp: 272283
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.5 116.3
 97 66.7 32.0 48.0#
 132 33.9 20.9 31.3#

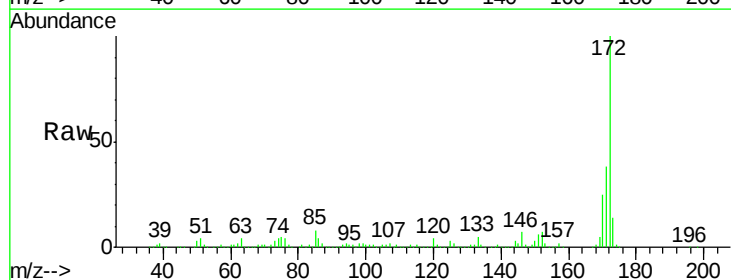


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

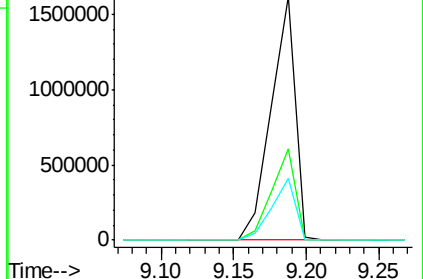
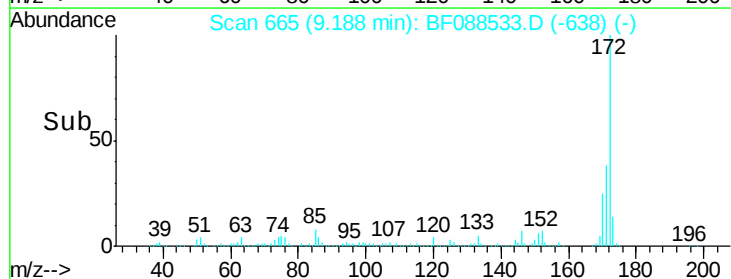


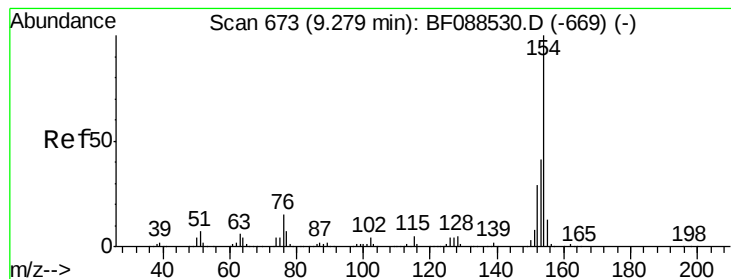
#44
 2-Fluorobiphenyl
 Concen: 63.41 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:172 Resp: 1868037
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 43.0
 170 25.5 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 77.45 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

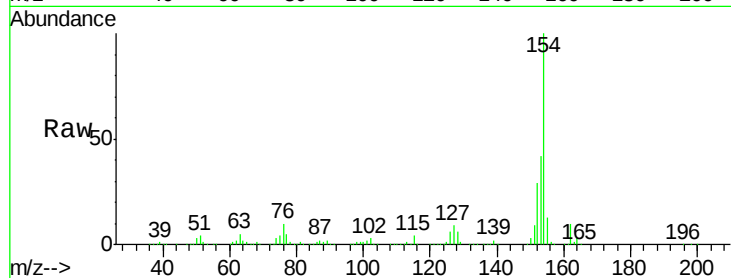
Tgt Ion:154 Resp: 1359022

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

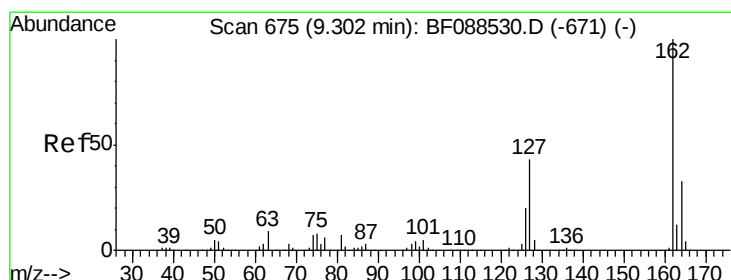
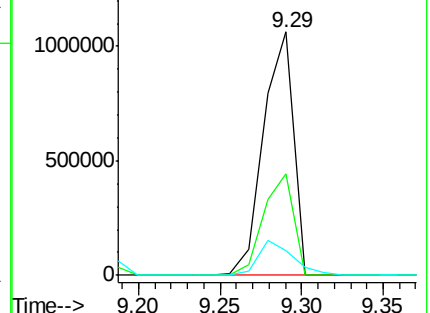
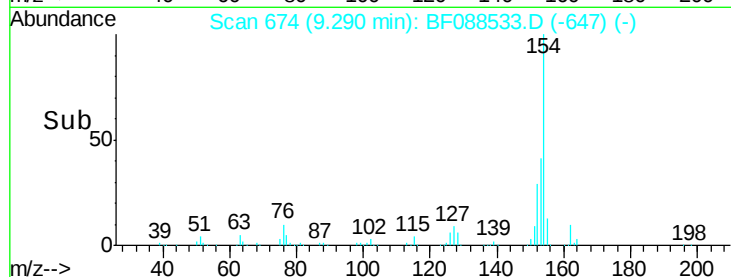
76 10.3 0.0 35.1



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: 71.73 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

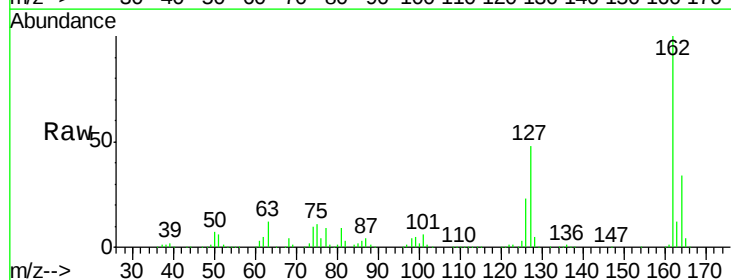
Tgt Ion:162 Resp: 1014064

Ion Ratio Lower Upper

162 100

127 48.0 35.2 52.8

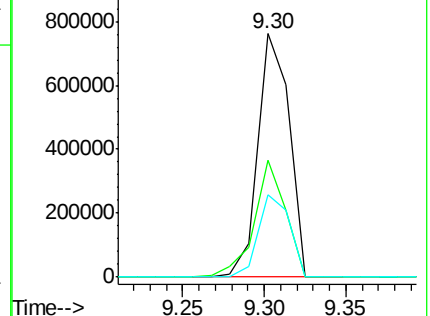
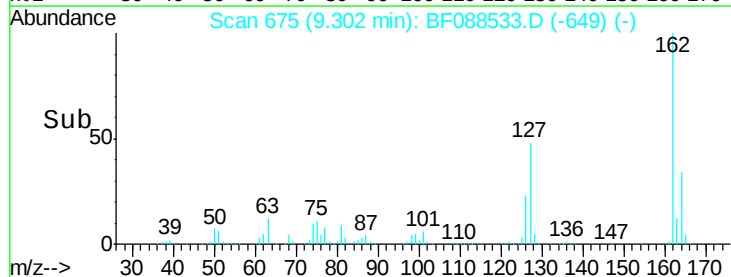
164 33.6 26.6 39.8

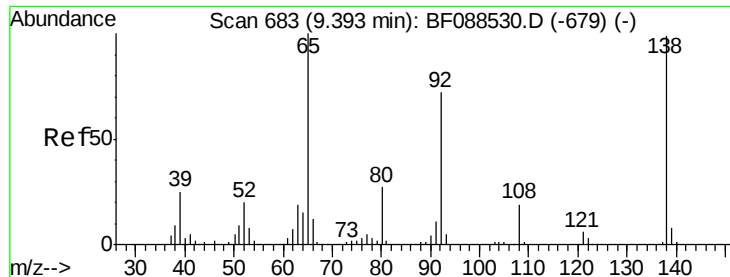


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

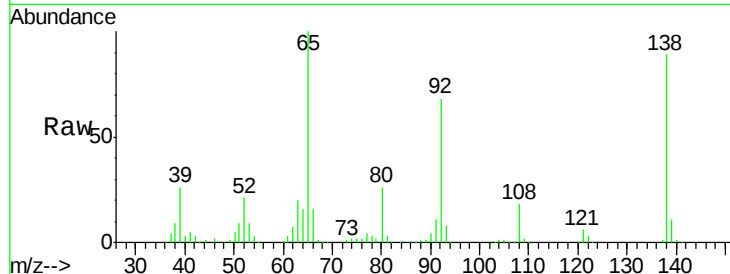




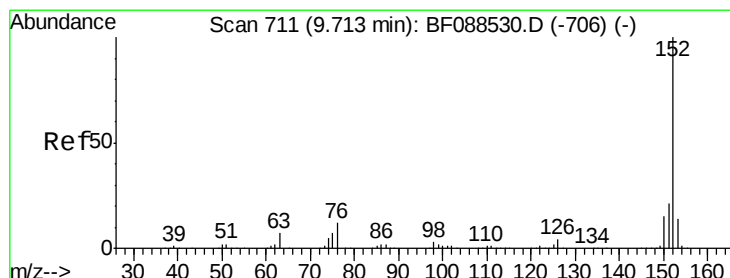
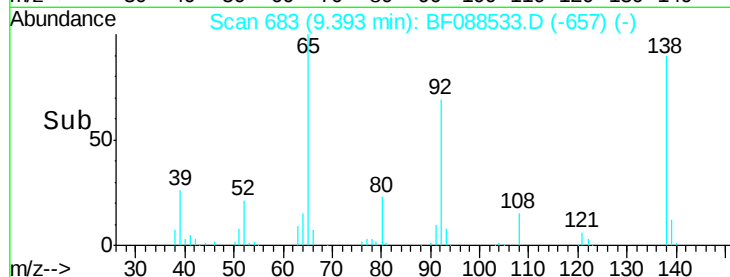
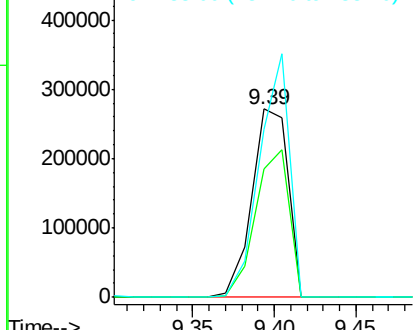
#47
2-Nitroaniline
Concen: 87.02 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 65 Resp: 417768
Ion Ratio Lower Upper
65 100
92 68.3 54.6 82.0
138 89.2 77.0 115.4

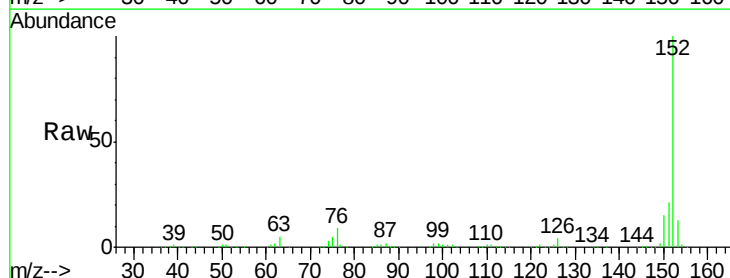


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

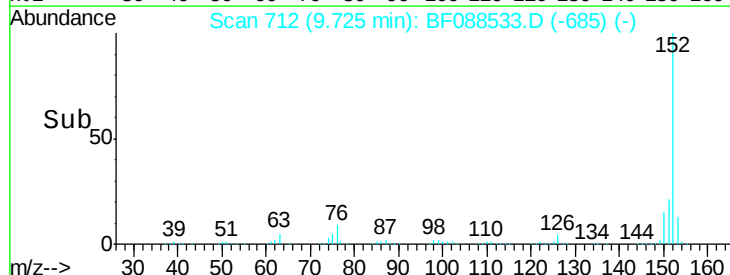
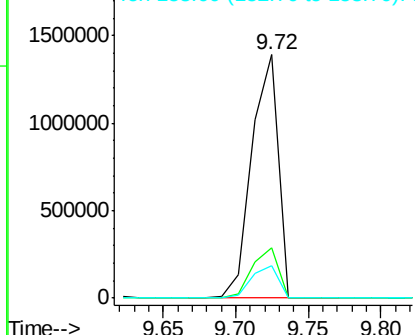


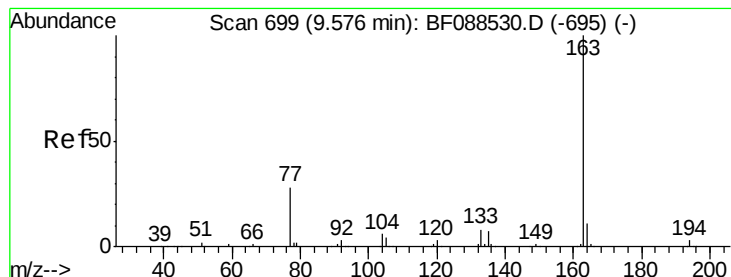
#48
Acenaphthylene
Concen: 76.33 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion: 152 Resp: 1753206
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.3 11.0 16.6



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





#49

Dimethylphthalate

Concen: 69.08 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

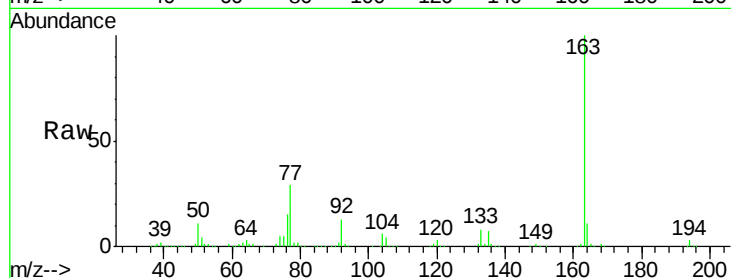
Tgt Ion:163 Resp: 1146273

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

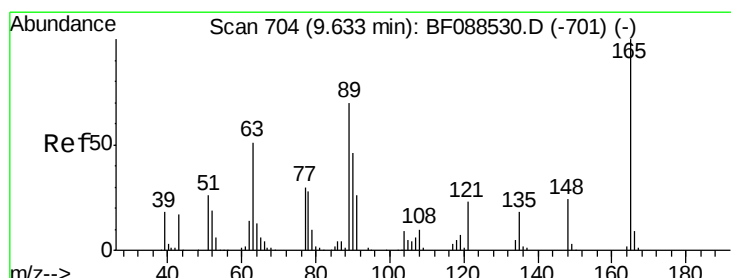
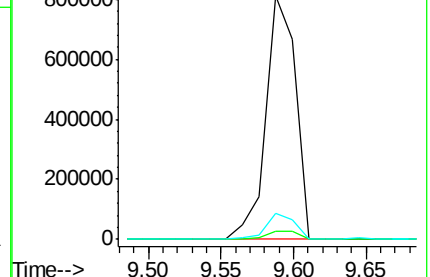
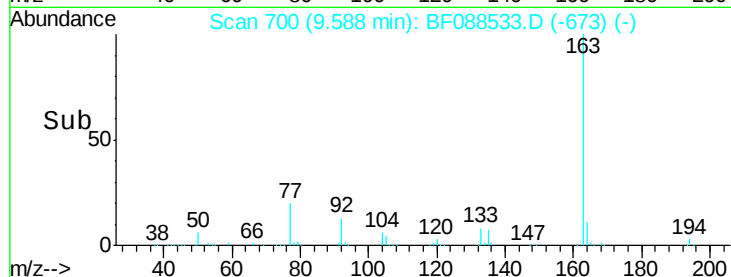
164 10.9 8.3 12.5



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: 68.29 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

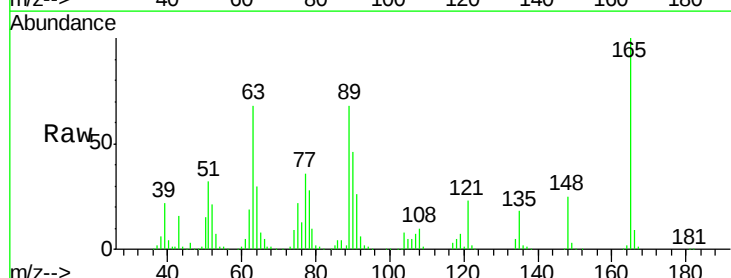
Tgt Ion:165 Resp: 249658

Ion Ratio Lower Upper

165 100

63 67.9 28.1 42.1#

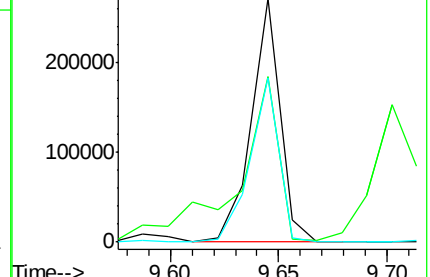
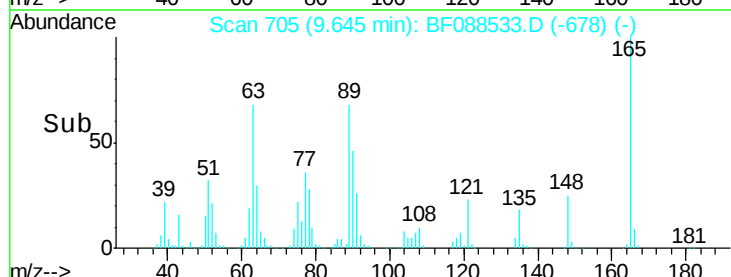
89 67.6 32.2 48.2#

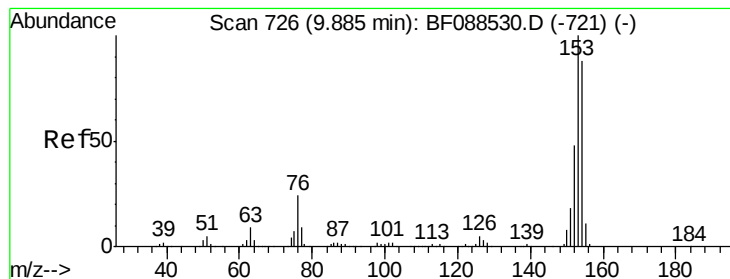


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 76.13 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

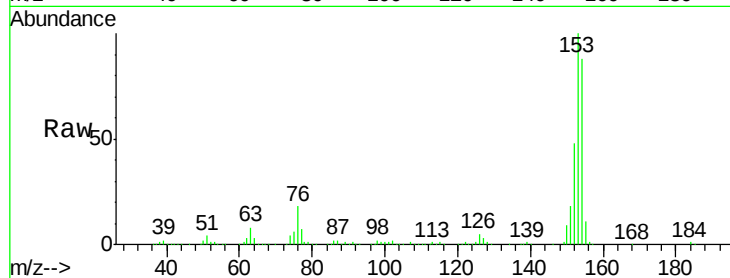
Tgt Ion:154 Resp: 1083364

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

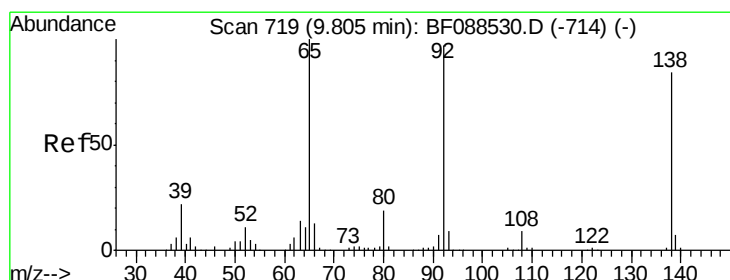
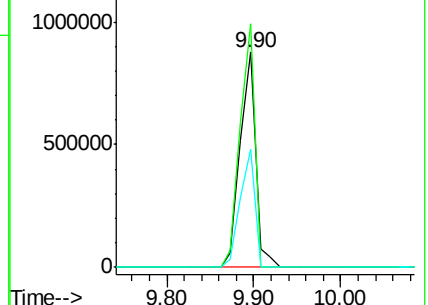
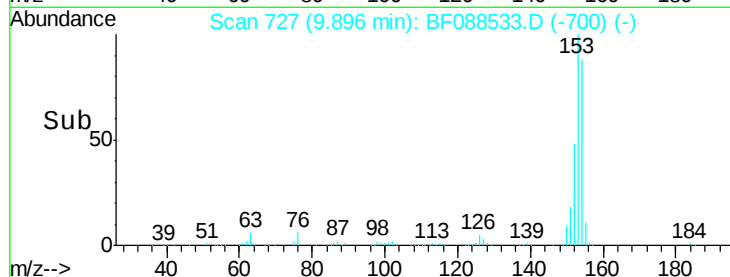
152 54.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 84.31 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

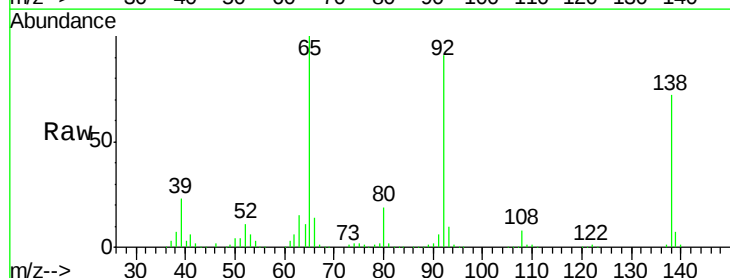
Tgt Ion:138 Resp: 369202

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

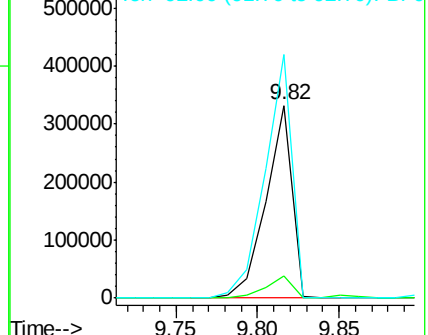
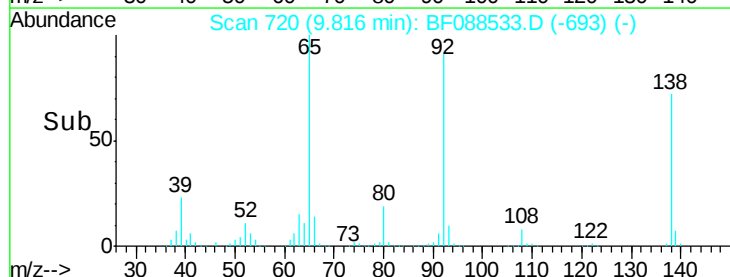
92 126.2 95.7 143.5

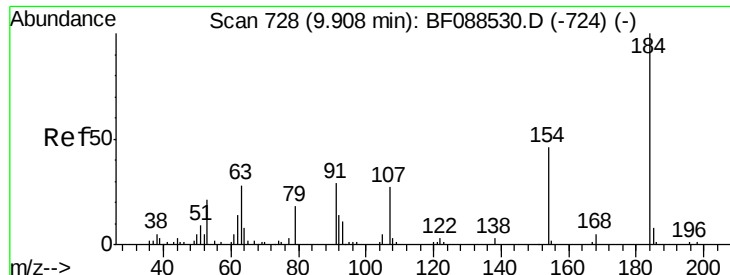


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

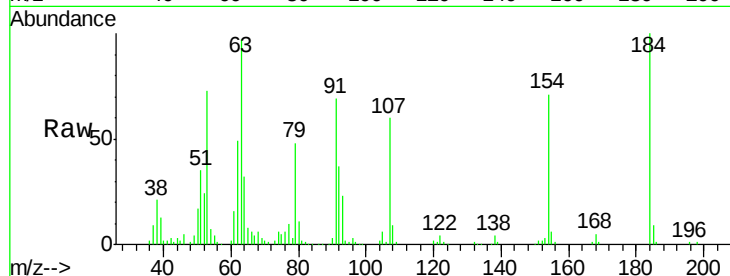




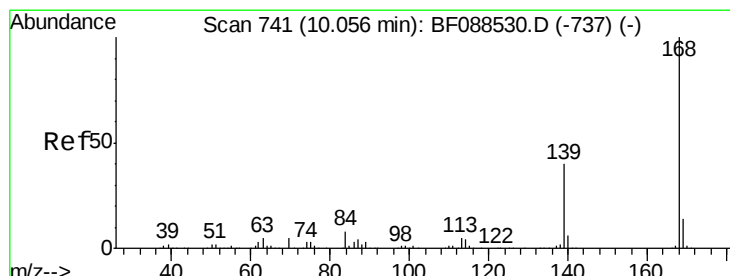
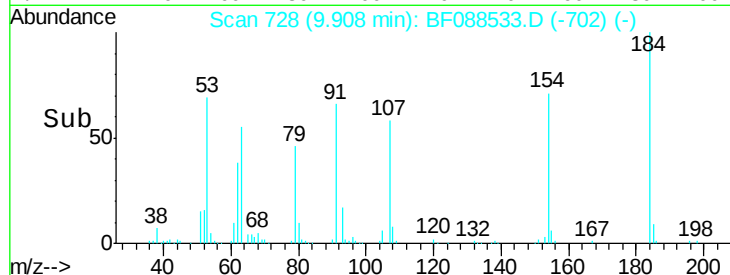
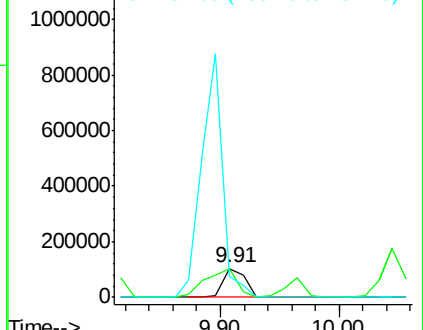
#53
2,4-Dinitrophenol
Concen: 92.50 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:184 Resp: 134287
Ion Ratio Lower Upper
184 100
63 97.1 57.6 86.4#
154 70.9 53.5 80.3

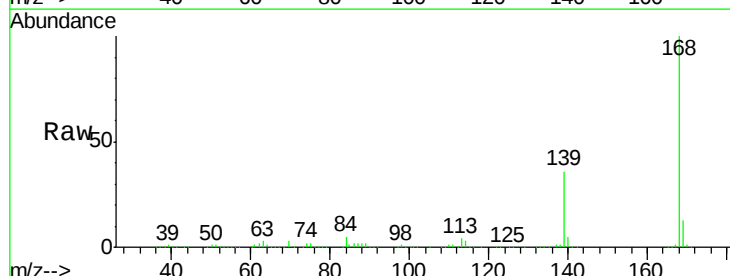


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

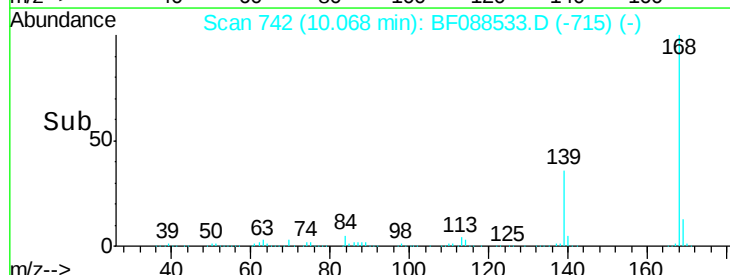
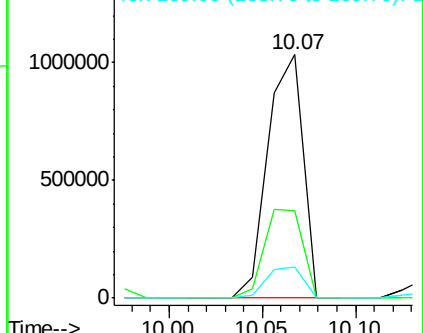


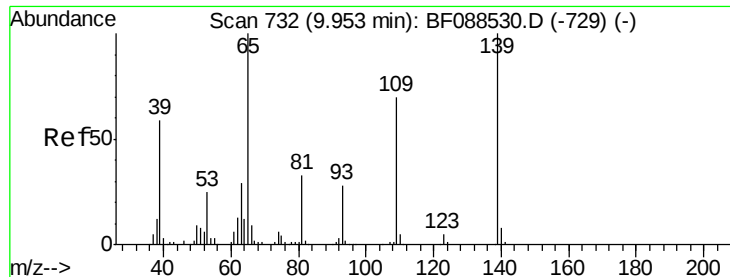
#54
Dibenzofuran
Concen: 68.18 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:168 Resp: 1370386
Ion Ratio Lower Upper
168 100
139 35.7 26.4 39.6
169 13.0 10.4 15.6



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

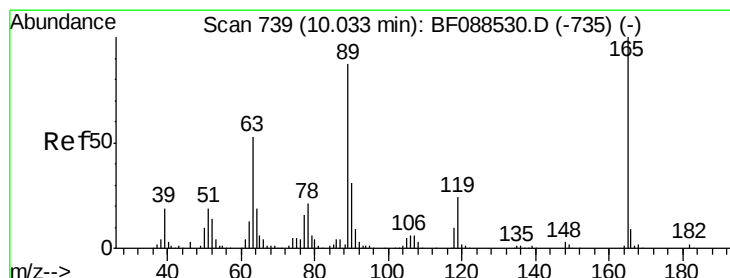
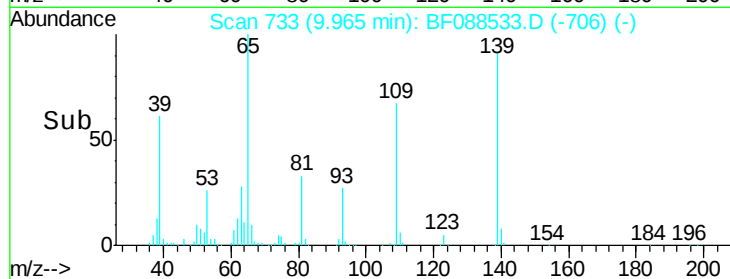
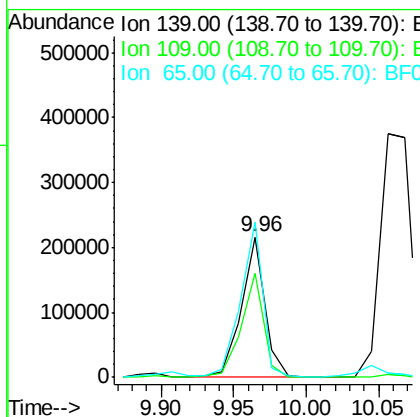
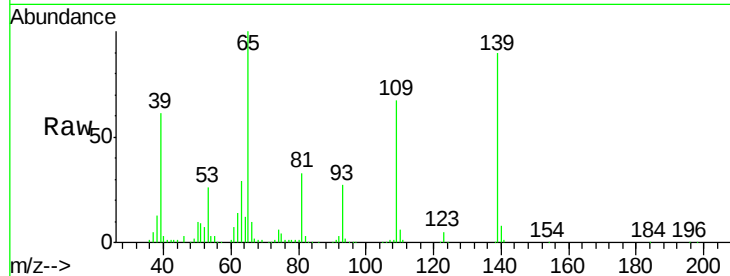




#55
4-Nitrophenol
Concen: 68.51 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

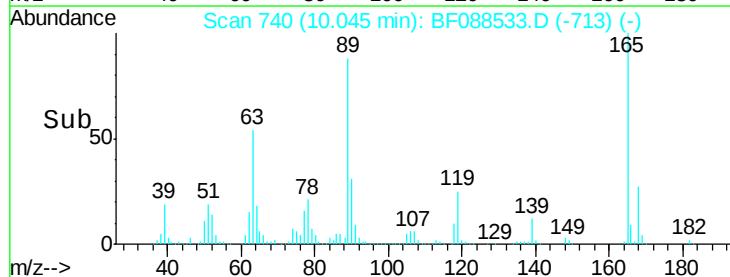
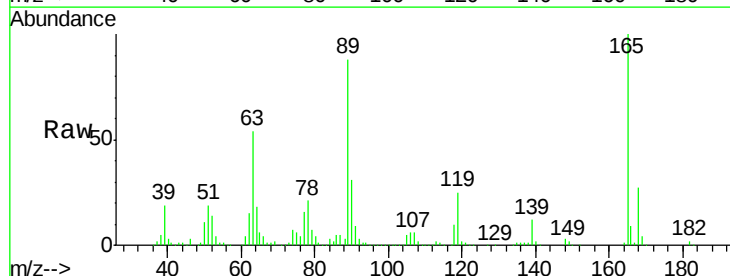
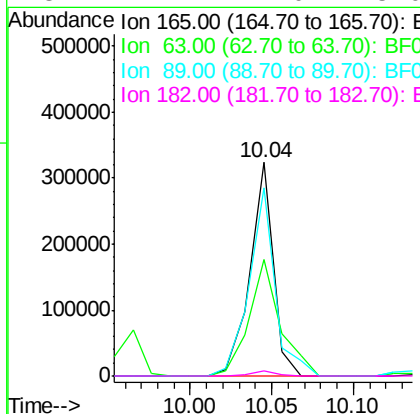
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

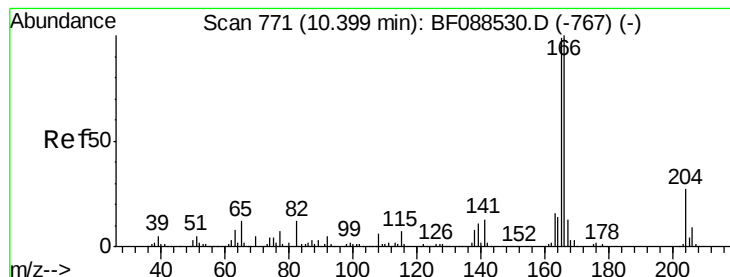
Tgt Ion:139 Resp: 242451
Ion Ratio Lower Upper
139 100
109 74.0 48.9 88.9
65 110.5 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 67.89 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:165 Resp: 320286
Ion Ratio Lower Upper
165 100
63 54.5 22.0 33.0#
89 88.0 41.1 61.7#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 62.47 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

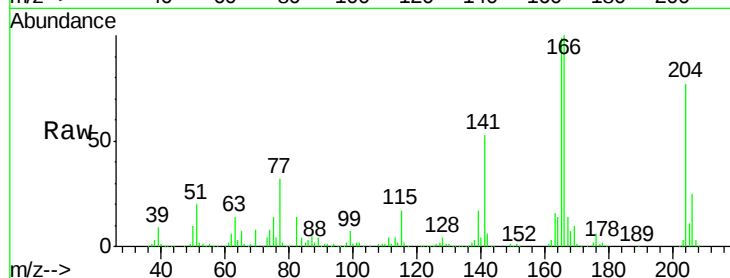
Tgt Ion:166 Resp: 909070

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

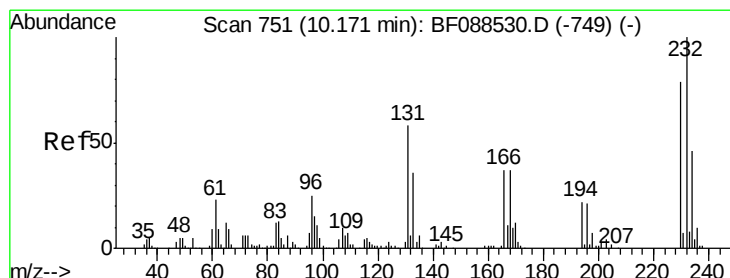
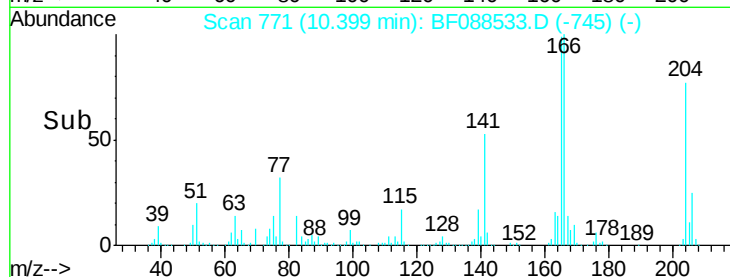
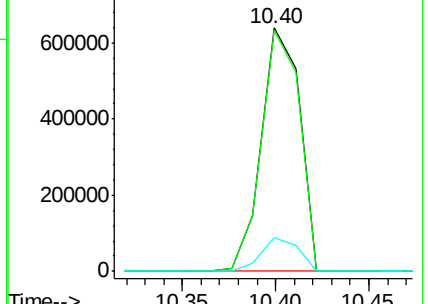
167 13.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 70.54 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:232 Resp: 257660

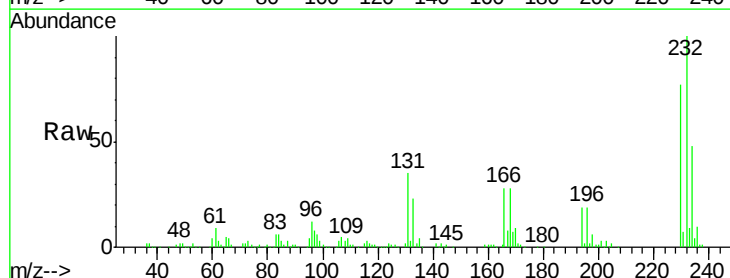
Ion Ratio Lower Upper

232 100

131 51.6 0.9 1.3#

130 2.6 1.5 2.3#

166 35.2 0.5 0.7#

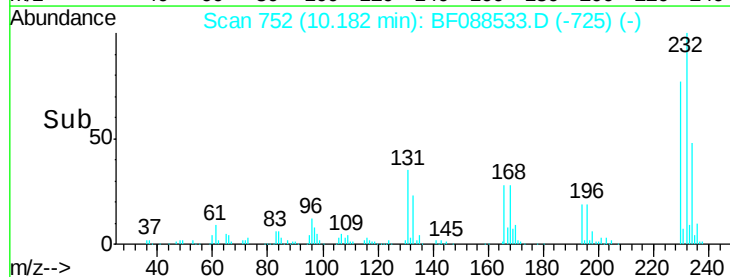
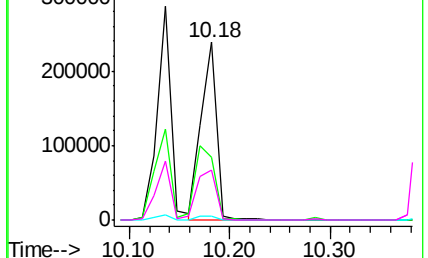


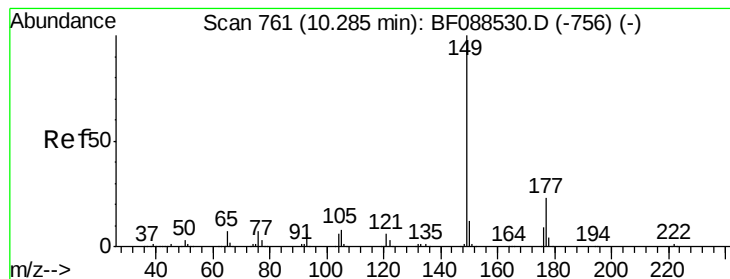
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 64.02 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

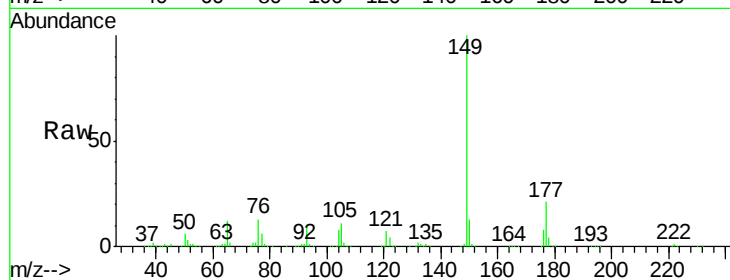
Tgt Ion:149 Resp: 1090542

Ion Ratio Lower Upper

149 100

177 20.9 16.9 25.3

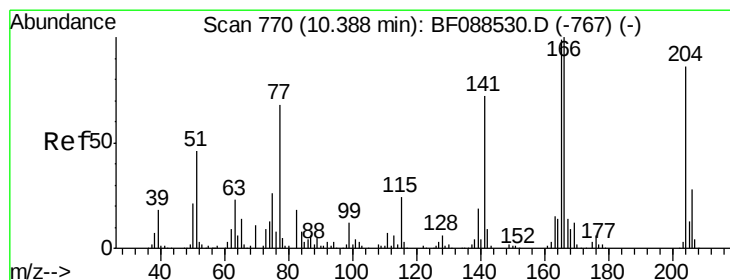
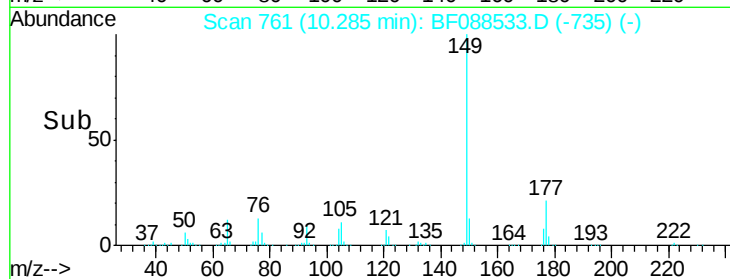
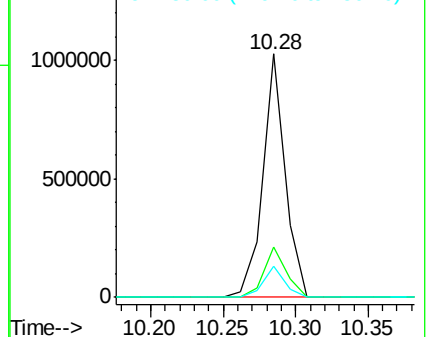
150 13.0 10.1 15.1



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: 66.66 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

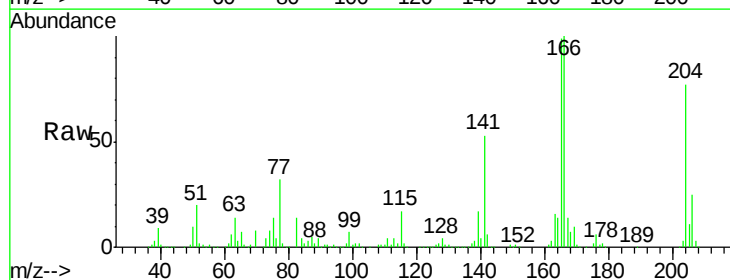
Tgt Ion:204 Resp: 440416

Ion Ratio Lower Upper

204 100

206 32.6 26.3 39.5

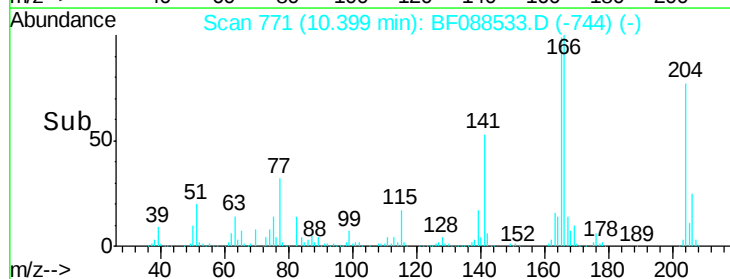
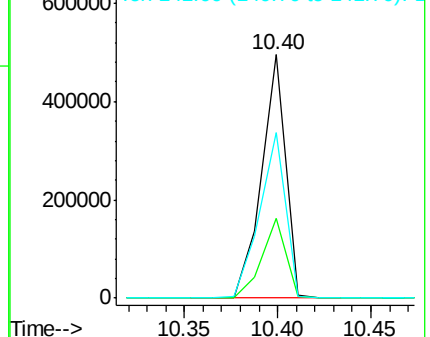
141 68.1 55.0 82.6

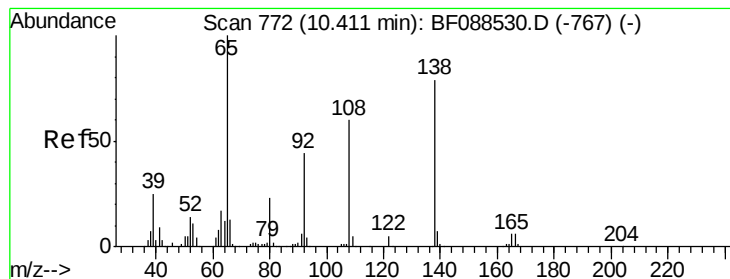


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 80.58 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

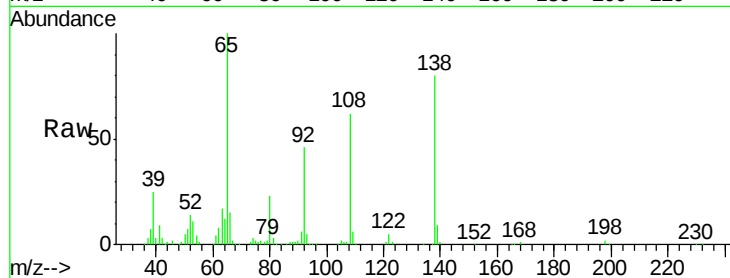
Tgt Ion:138 Resp: 335284

Ion Ratio Lower Upper

138 100

92 57.9 27.3 67.3

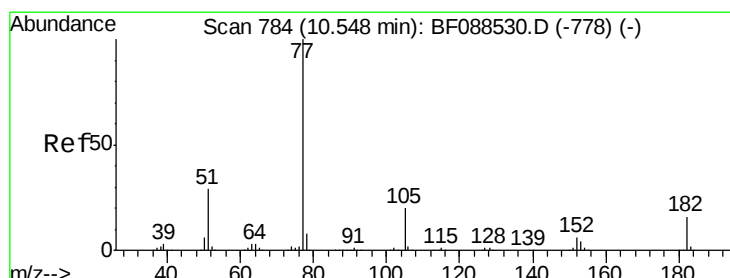
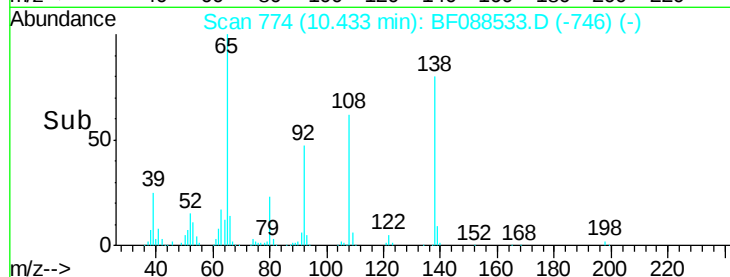
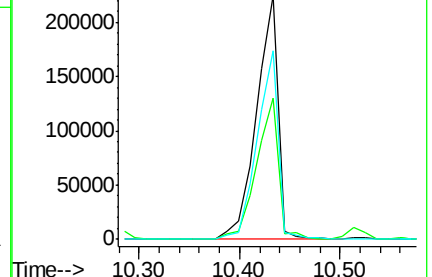
108 77.3 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 67.57 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion: 77 Resp: 1407111

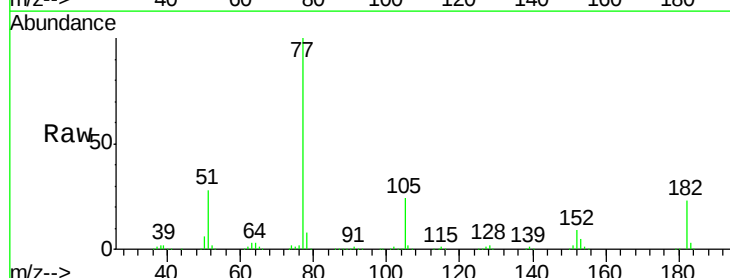
Ion Ratio Lower Upper

77 100

182 23.1 4.4 44.4

105 23.6 3.8 43.8

51 27.7 9.3 49.3

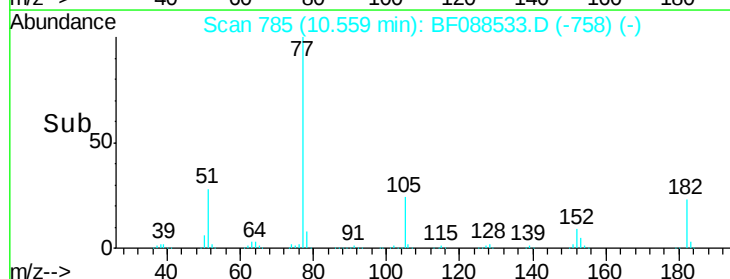
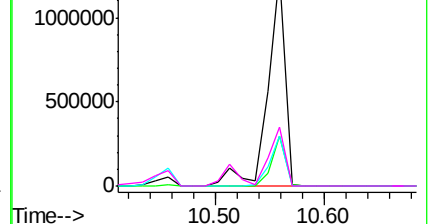


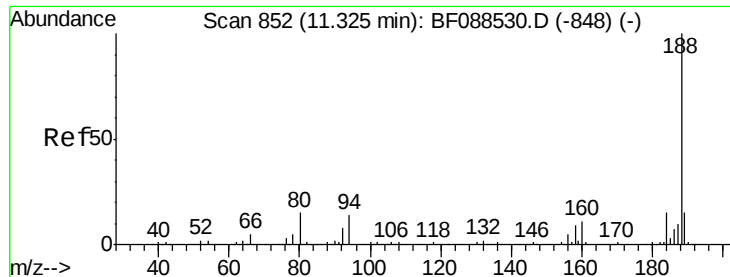
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

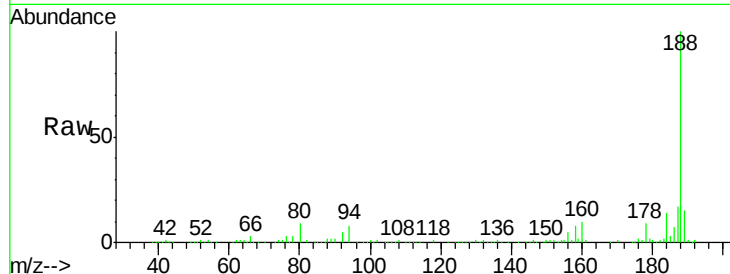




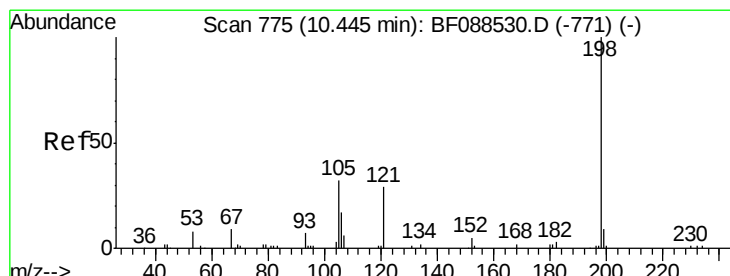
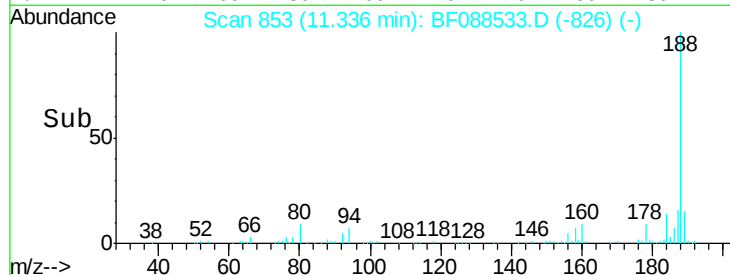
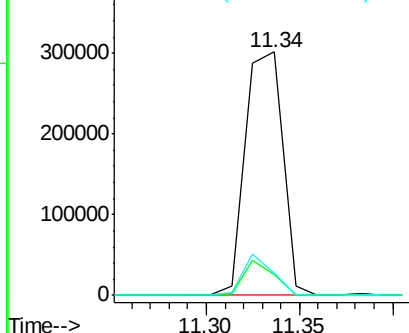
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:188 Resp: 419852
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 9.0 10.0 15.0#

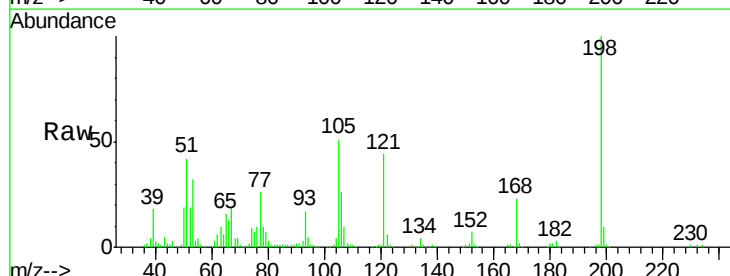


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

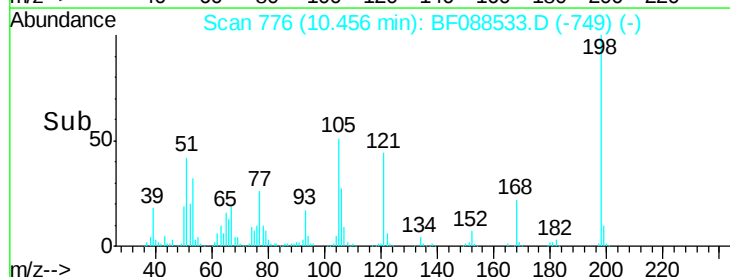
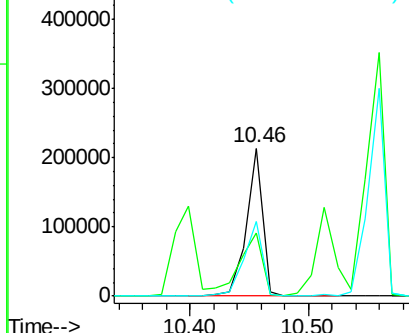


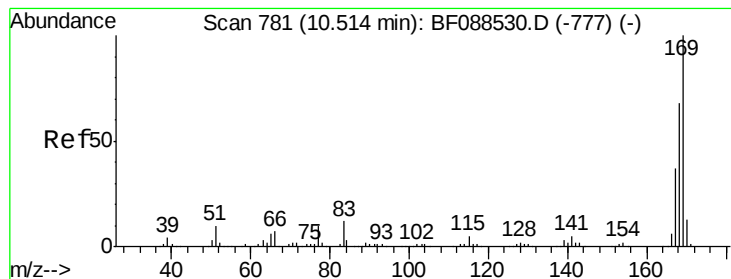
#64
4,6-Dinitro-2-methylphenol
Concen: 105.73 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:198 Resp: 204880
Ion Ratio Lower Upper
198 100
51 42.5 39.6 79.6
105 50.7 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

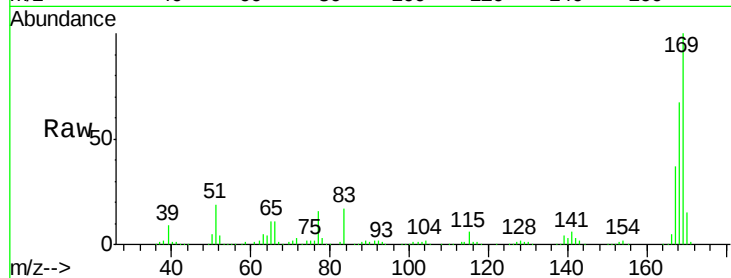




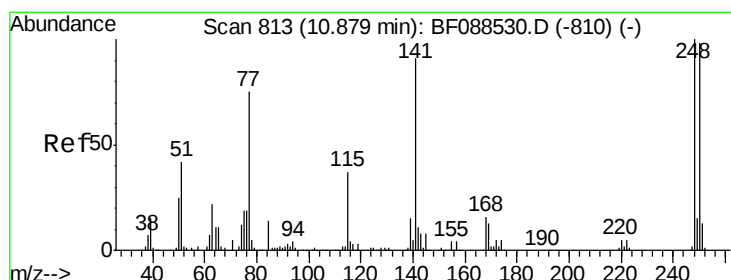
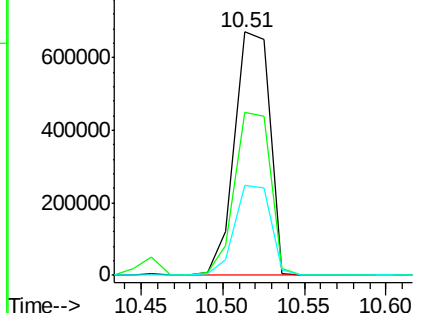
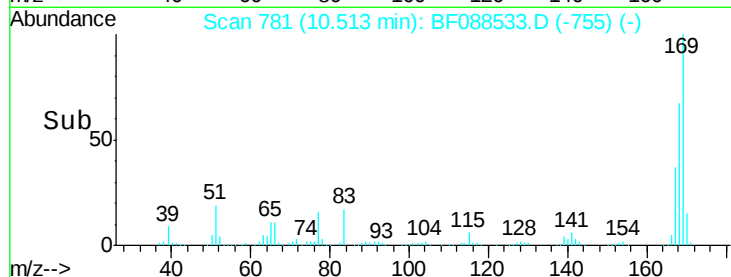
#65
 n-Nitrosodiphenylamine
 Concen: 69.38 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:169 Resp: 999455
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 36.8 29.4 44.0

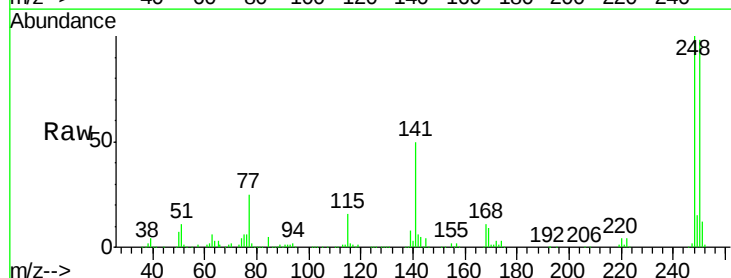


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

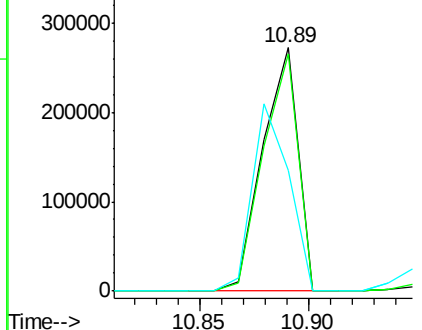
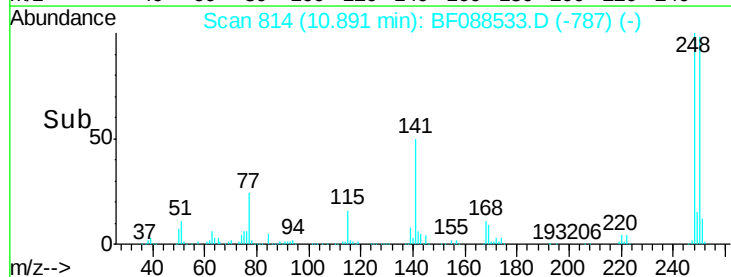


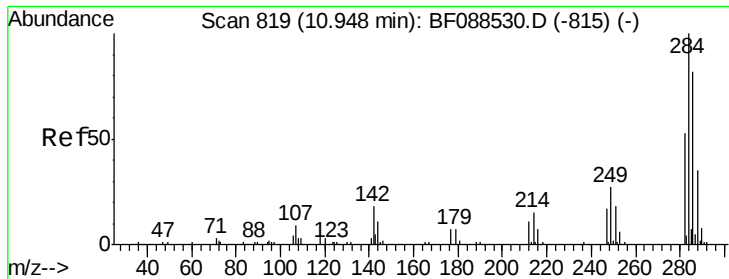
#66
 4-Bromophenyl-phenylether
 Concen: 72.13 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:248 Resp: 310316
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 49.6 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

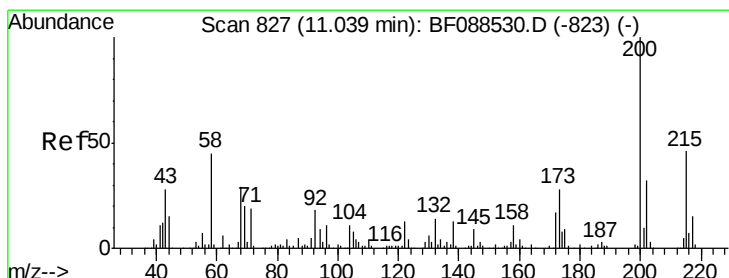
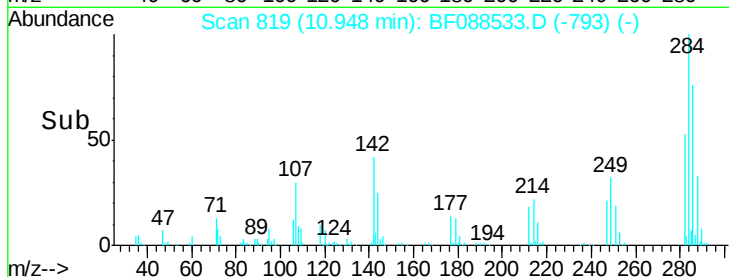
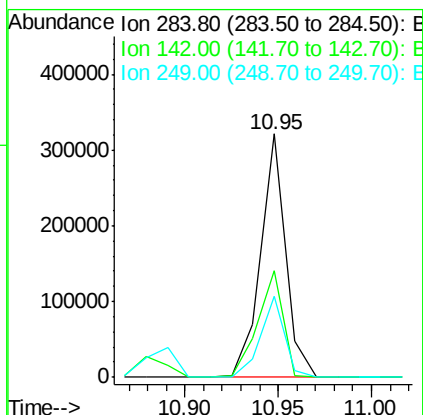
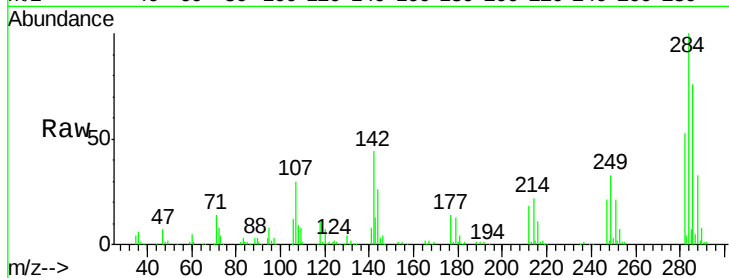




#67
Hexachlorobenzene
Concen: 66.20 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

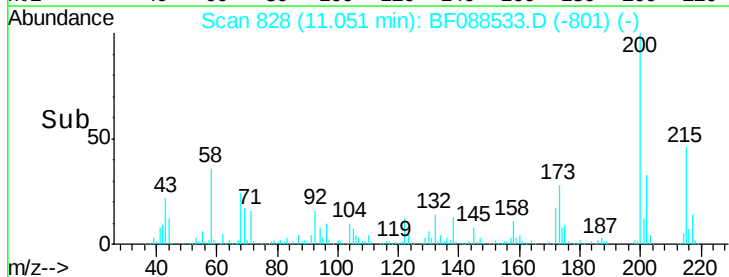
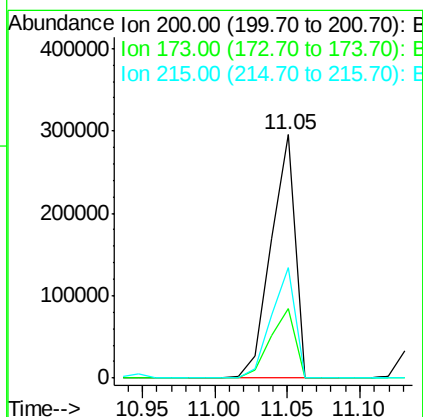
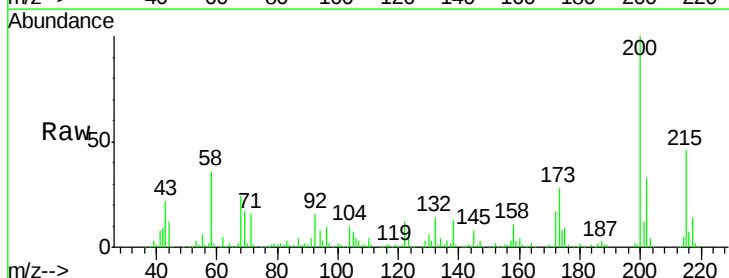
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

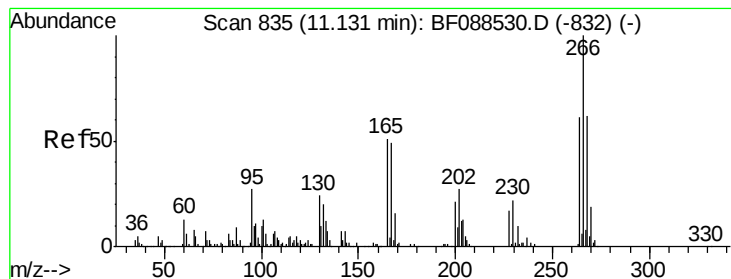
Tgt Ion: 284 Resp: 303387
Ion Ratio Lower Upper
284 100
142 43.8 35.8 53.8
249 33.1 25.8 38.6



#68
Atrazine
Concen: 75.96 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion: 200 Resp: 339863
Ion Ratio Lower Upper
200 100
173 28.3 4.0 44.0
215 45.6 29.3 69.3





#69

Pentachlorophenol

Concen: 81.71 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

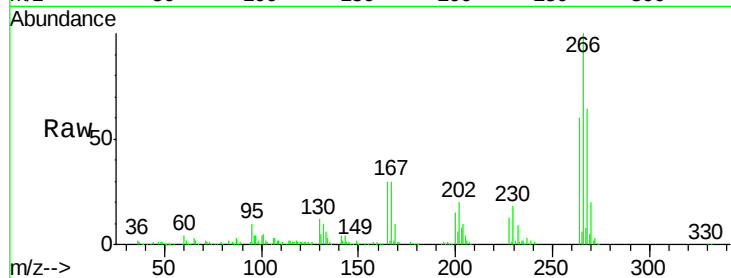
Tgt Ion:266 Resp: 224504

Ion Ratio Lower Upper

266 100

268 64.0 52.8 79.2

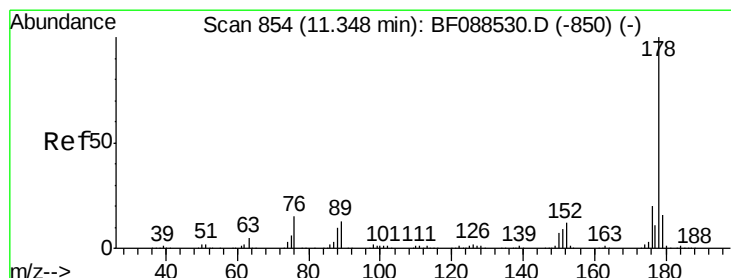
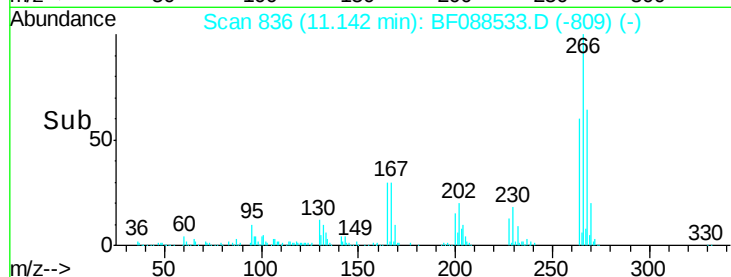
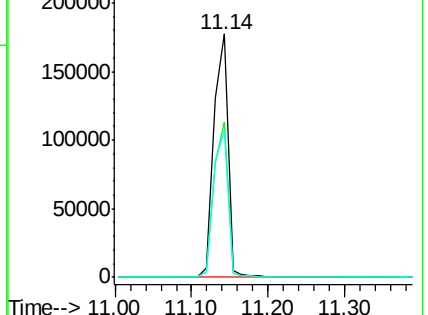
264 60.2 49.6 74.4



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: 60.40 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

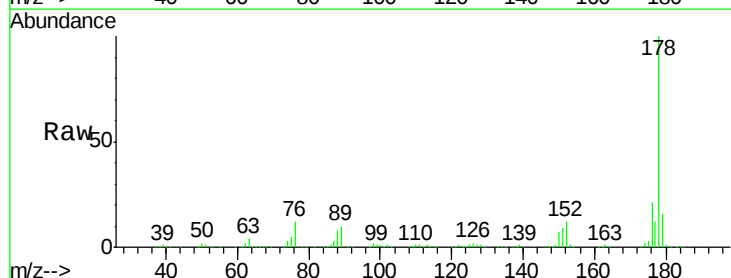
Tgt Ion:178 Resp: 1442193

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.6

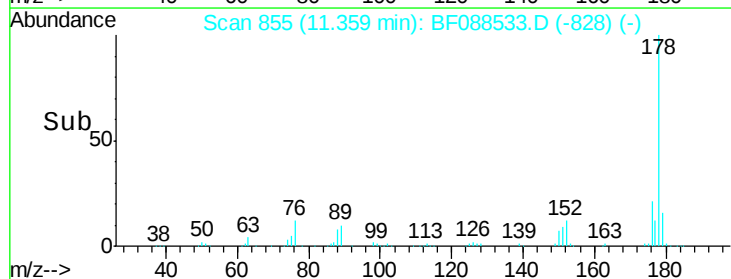
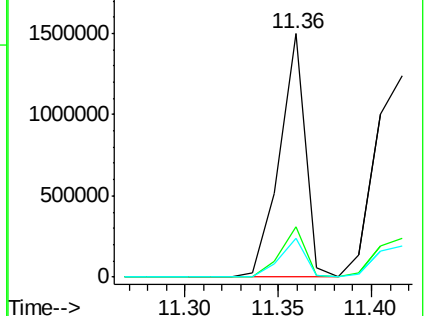
179 15.9 13.0 19.4

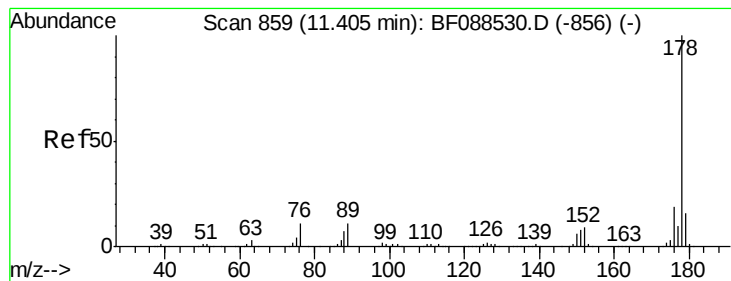


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 69.91 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

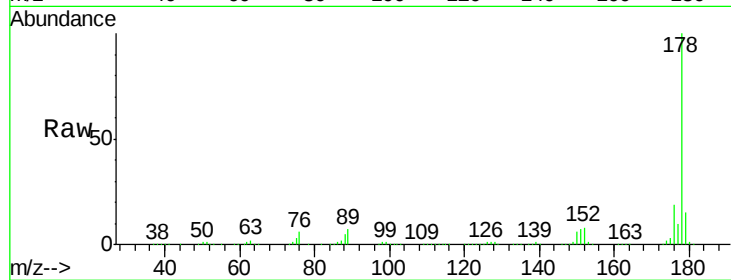
Tgt Ion:178 Resp: 1639047

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

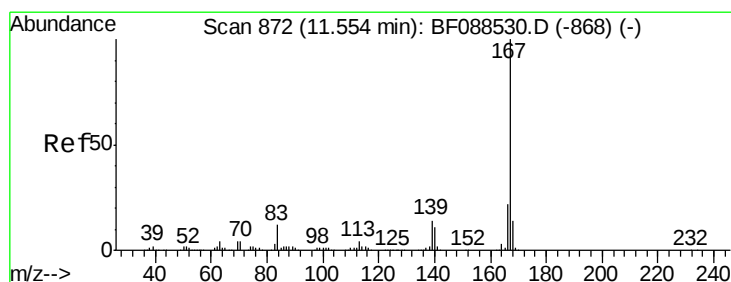
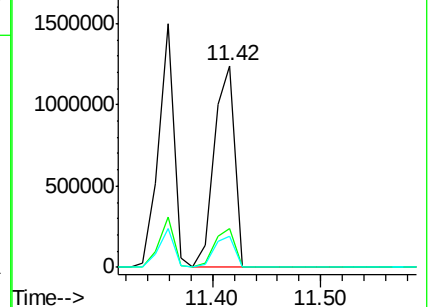
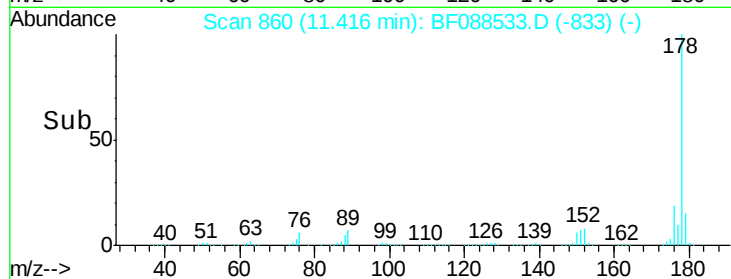
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 66.83 ng

RT: 11.56 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

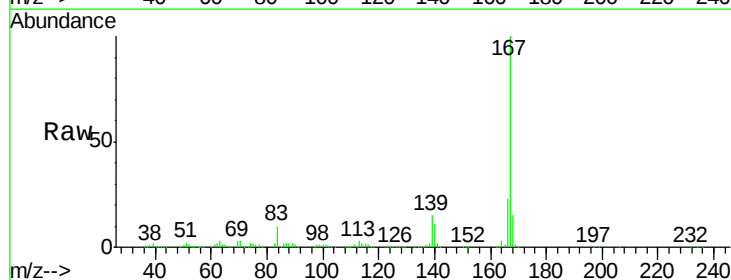
Tgt Ion:167 Resp: 1496880

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.6

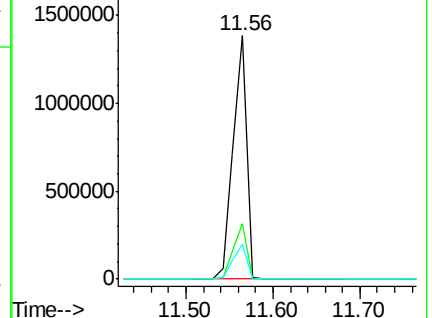
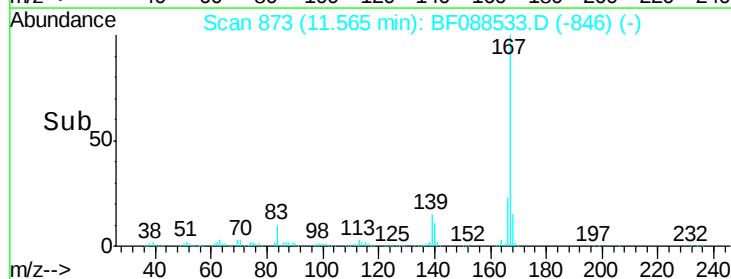
139 14.6 11.2 16.8

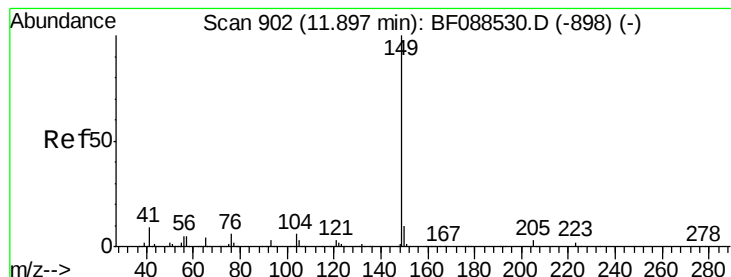


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 69.61 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

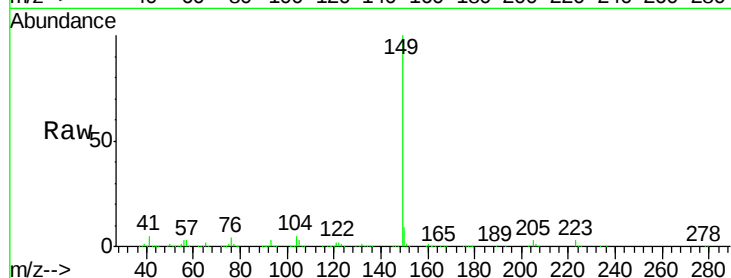
Tgt Ion:149 Resp: 1819674

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

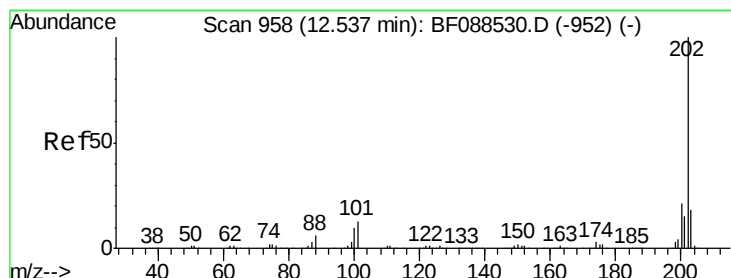
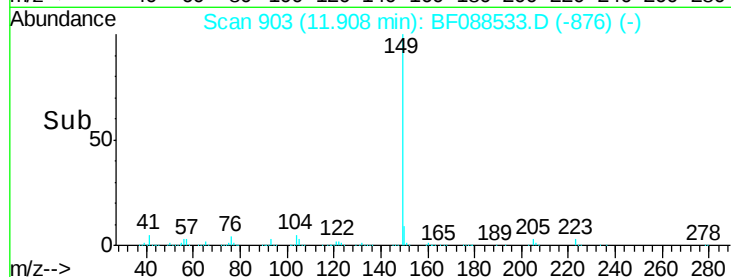
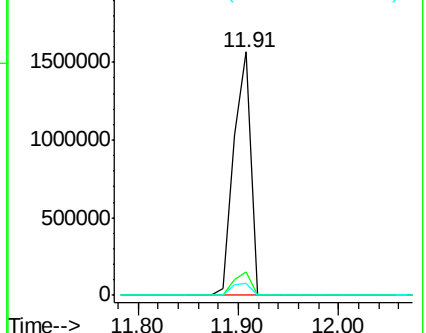
104 4.8 4.0 6.0



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: 63.88 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

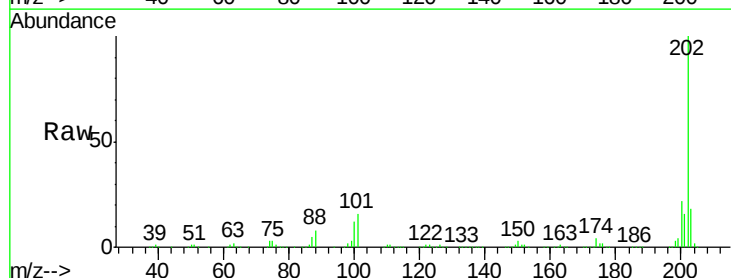
Tgt Ion:202 Resp: 1478061

Ion Ratio Lower Upper

202 100

101 16.1 0.0 33.1

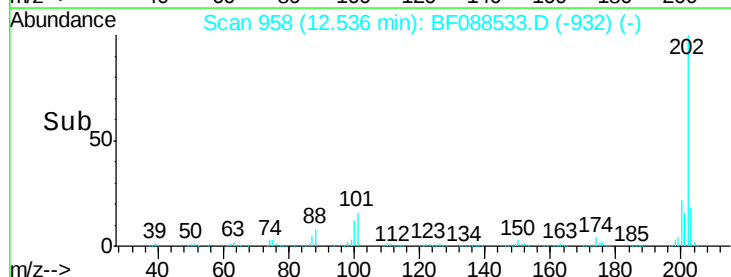
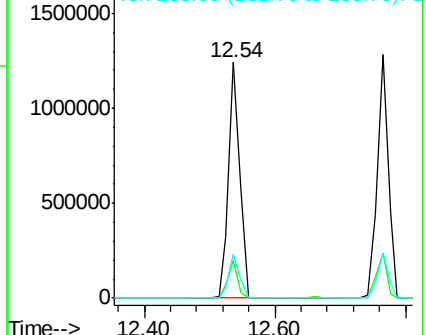
203 18.4 0.0 38.1

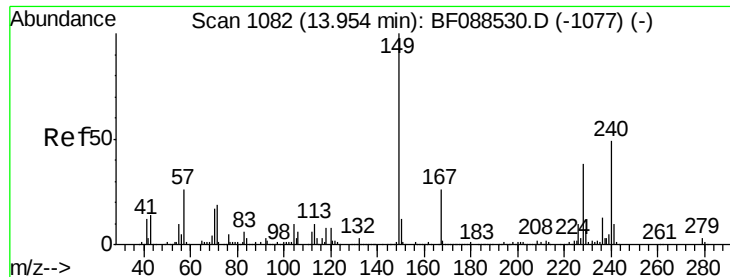


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

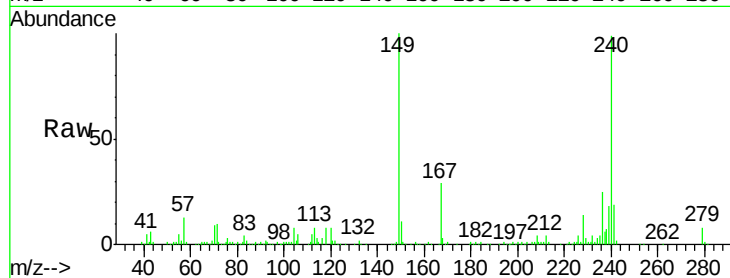
Tgt Ion:240 Resp: 211030

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

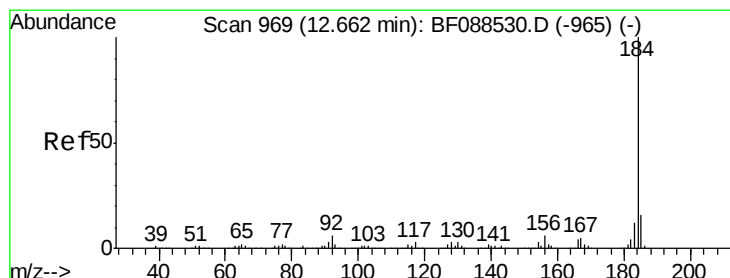
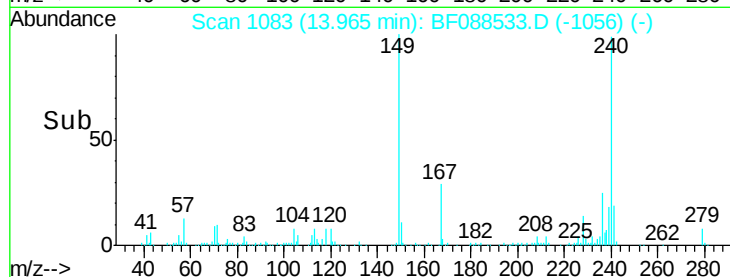
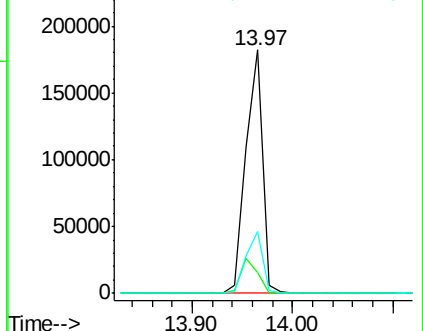
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 121.97 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

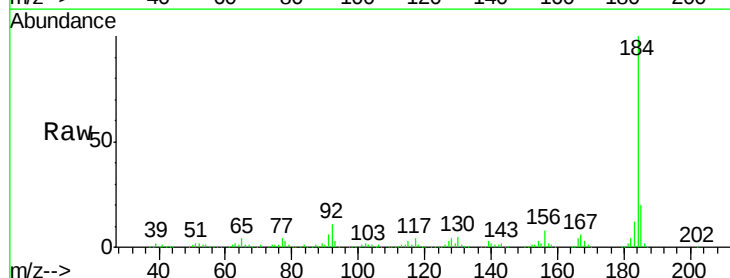
Tgt Ion:184 Resp: 835443

Ion Ratio Lower Upper

184 100

185 20.1 12.5 18.7#

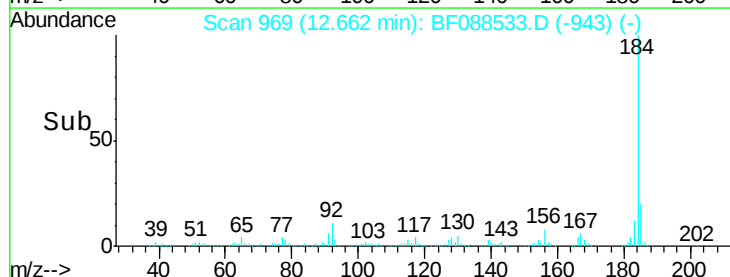
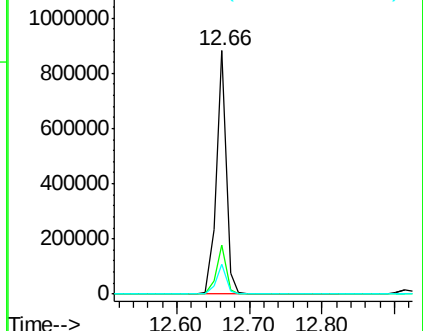
183 12.2 9.3 13.9

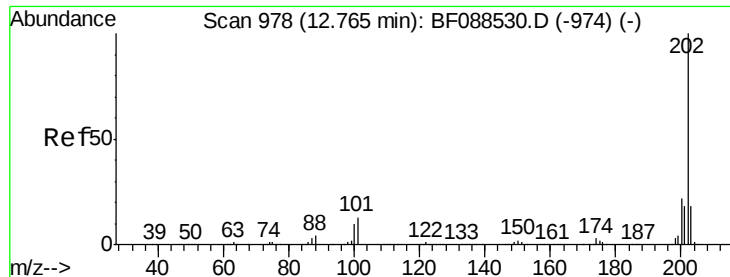


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

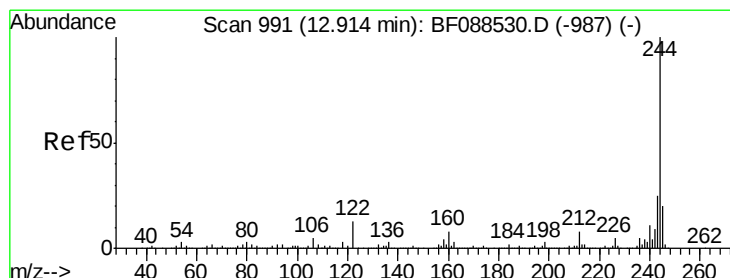
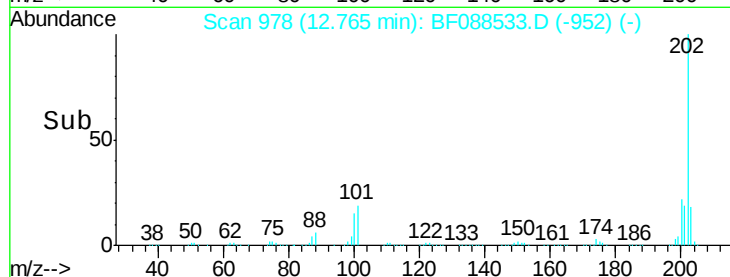
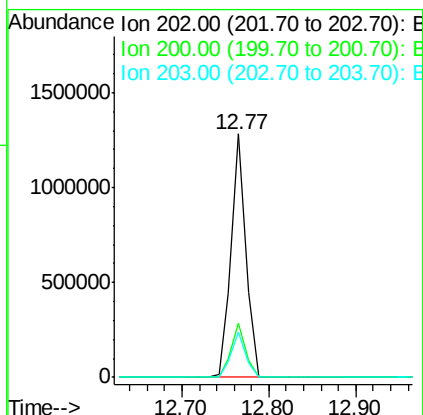
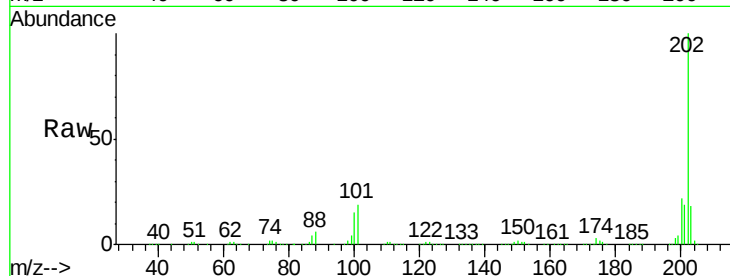




#77
 Pyrene
 Concen: 83.25 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

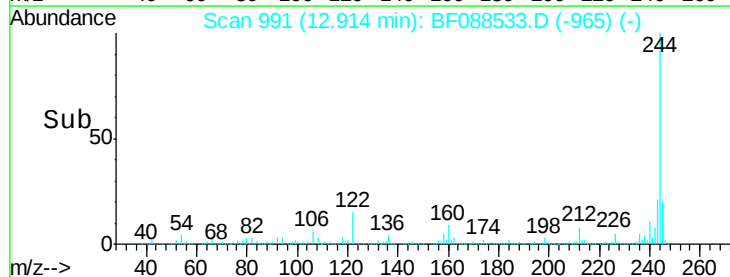
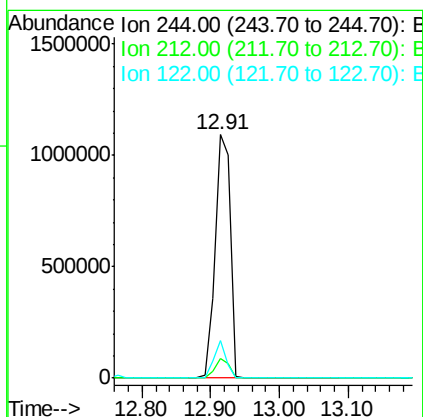
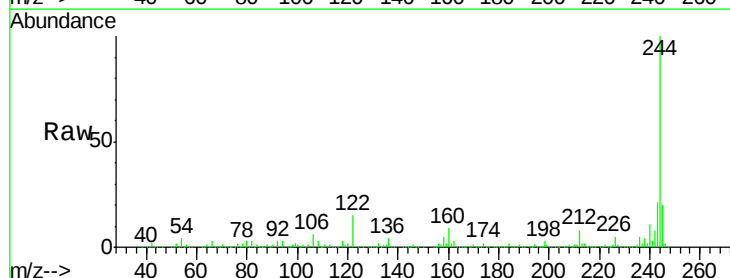
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

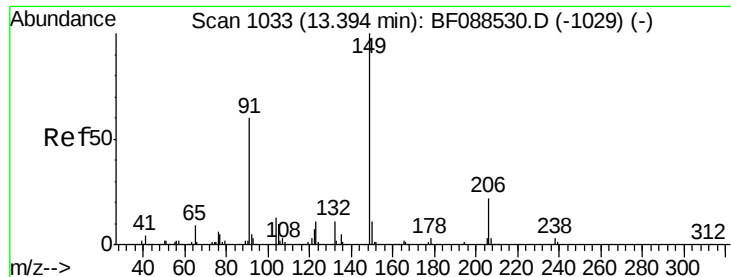
Tgt Ion: 202 Resp: 1504379
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.4 26.2
 203 18.4 14.5 21.7



#78
 Terphenyl-d14
 Concen: 88.30 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion: 244 Resp: 1700732
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.2 11.2 16.8





#79

Butylbenzylphthalate

Concen: 88.49 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

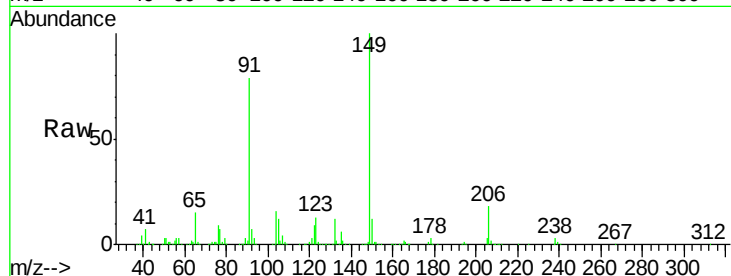
Instrument :

BNA_F

ClientSampleId :

SSTDICC080

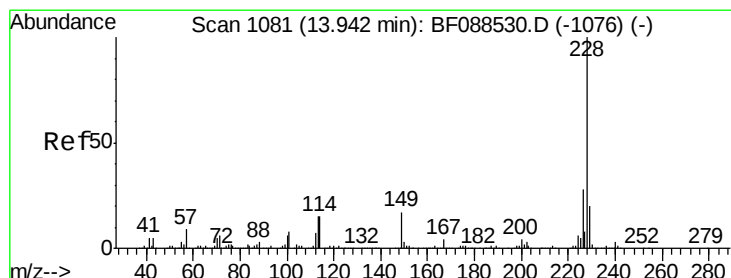
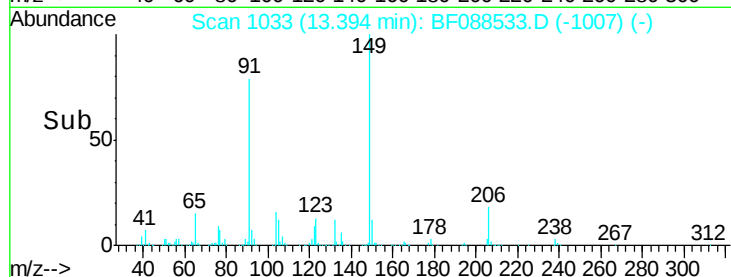
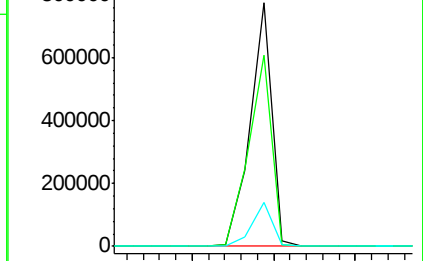
Tgt Ion:	149	Resp:	712362
Ion Ratio	Lower	Upper	
149	100		
91	78.7	48.0	72.0#
206	18.2	16.0	24.0



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: 79.99 ng

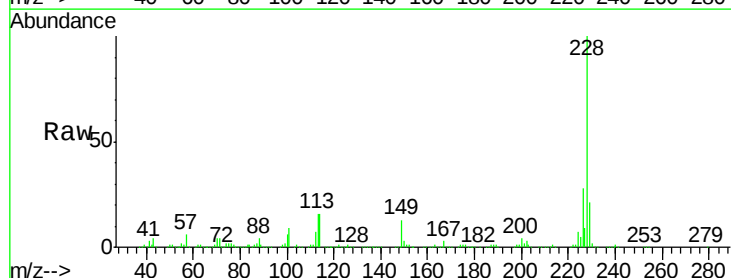
RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

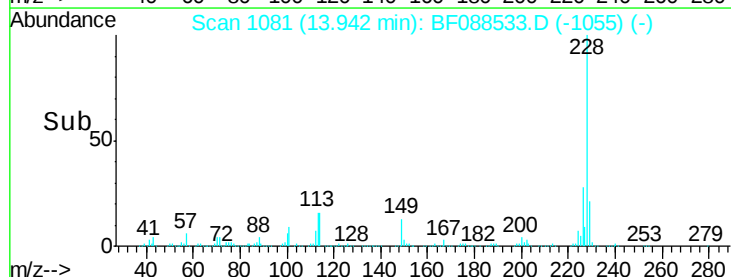
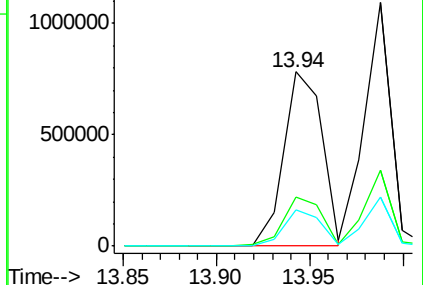
Tgt Ion:	228	Resp:	1122735
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.3	33.5
229	20.5	16.0	24.0

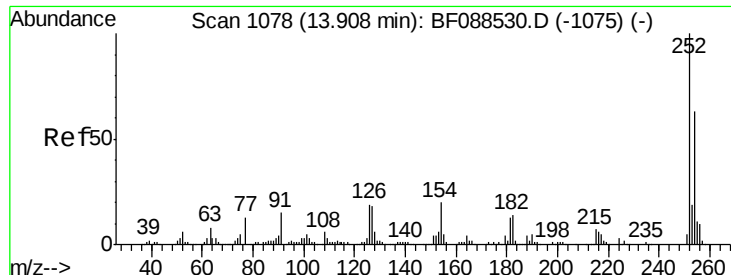


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

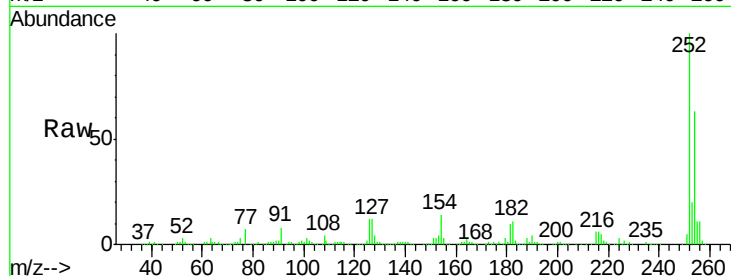




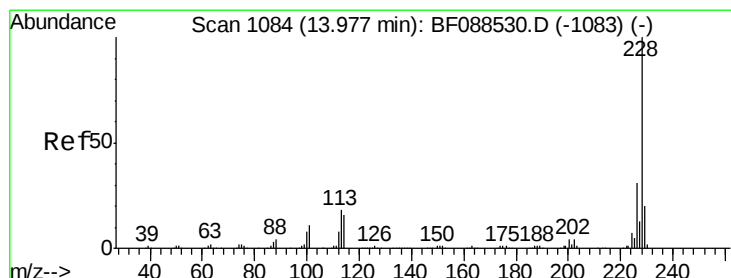
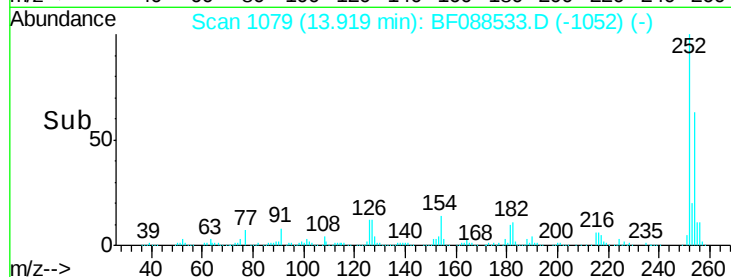
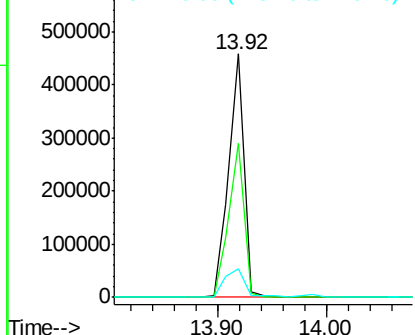
#81
 3,3'-Dichlorobenzidine
 Concen: 95.75 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:252 Resp: 447136
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.6 78.8
 126 11.8 6.2 9.2#

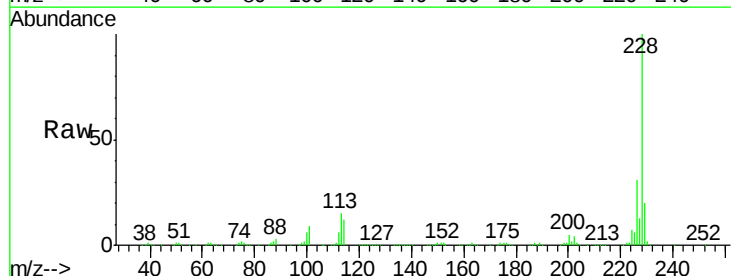


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

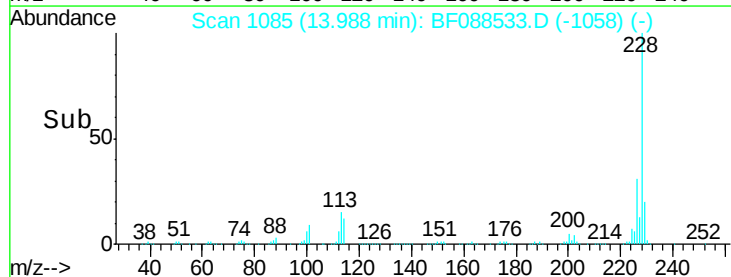
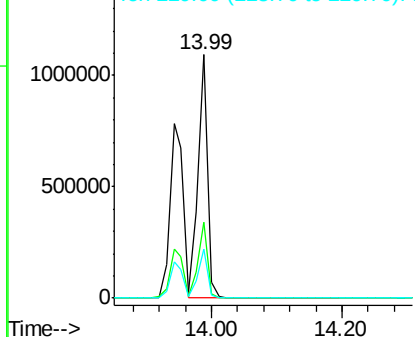


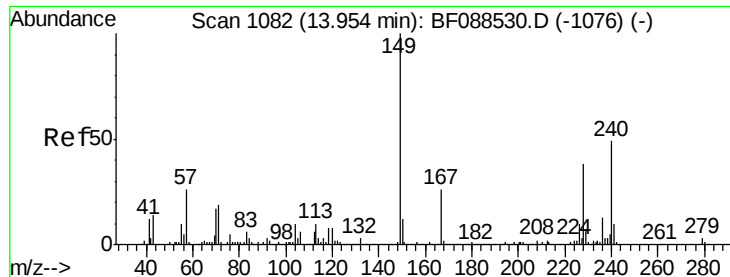
#82
 Chrysene
 Concen: 78.48 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:228 Resp: 1081365
 Ion Ratio Lower Upper
 228 100
 226 31.4 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: 81.03 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

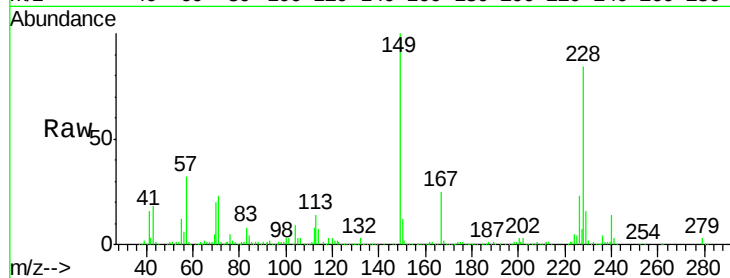
Tgt Ion:149 Resp: 758037

Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

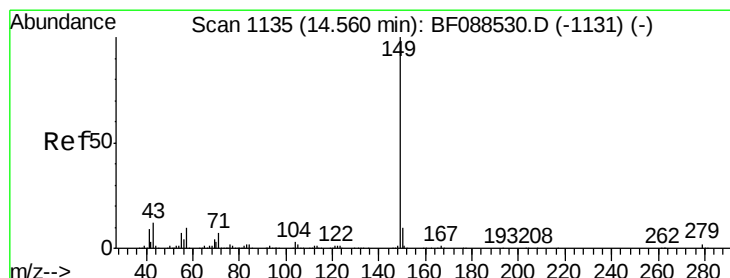
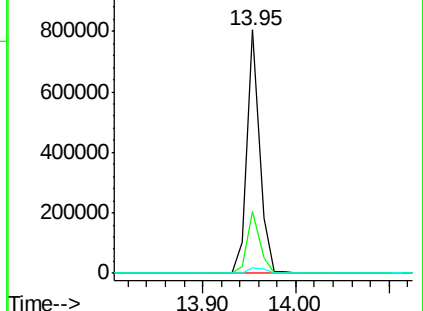
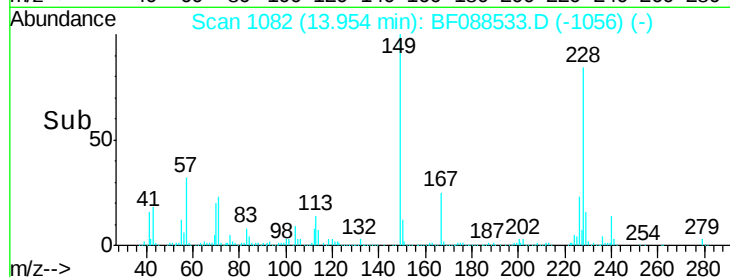
279 2.5 2.0 3.0



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: 86.60 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

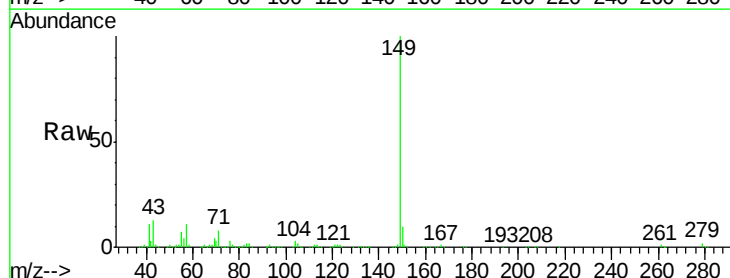
Tgt Ion:149 Resp: 1340710

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

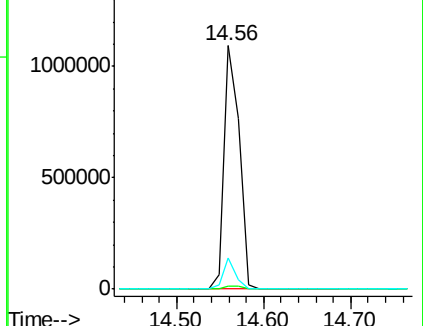
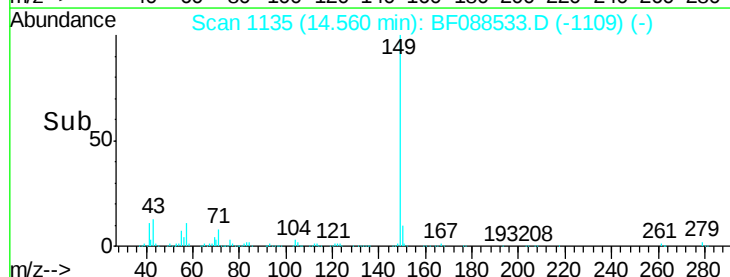
43 10.3 0.0 0.0#

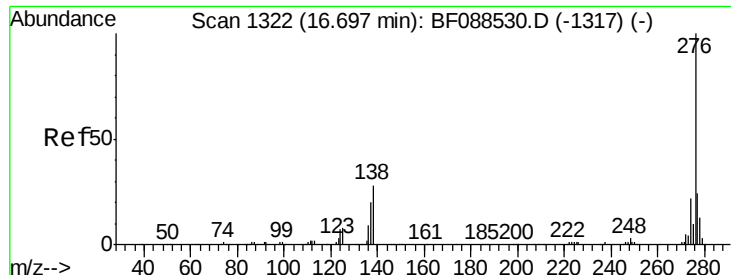


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

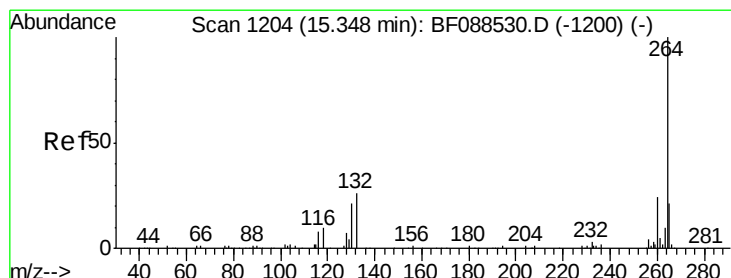
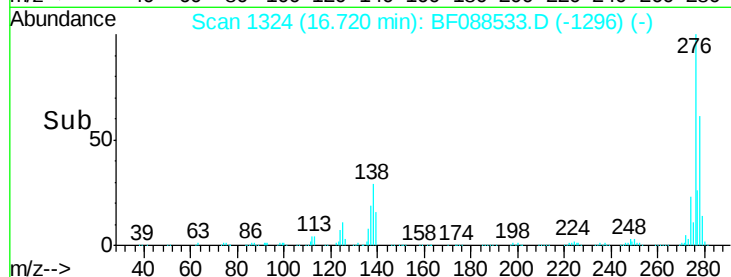
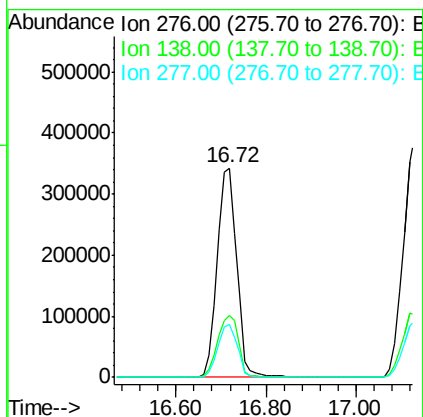
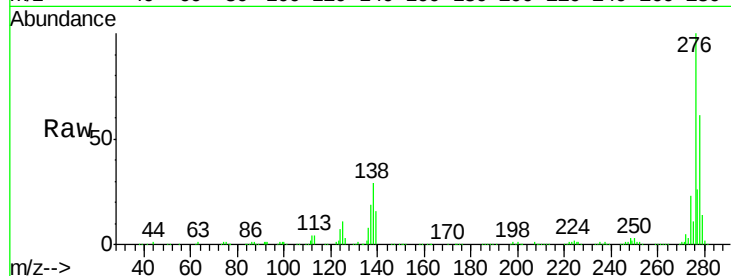




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 95.95 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

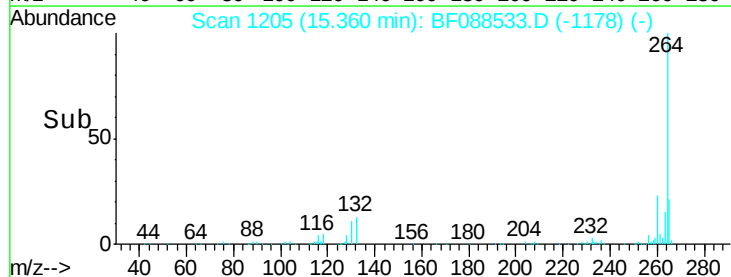
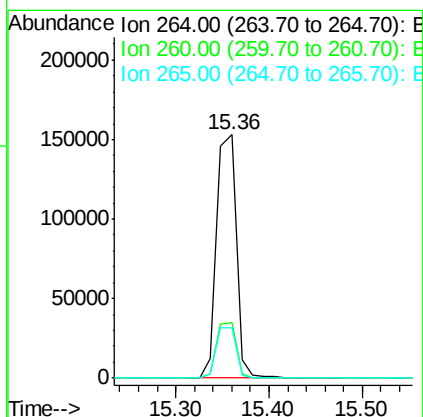
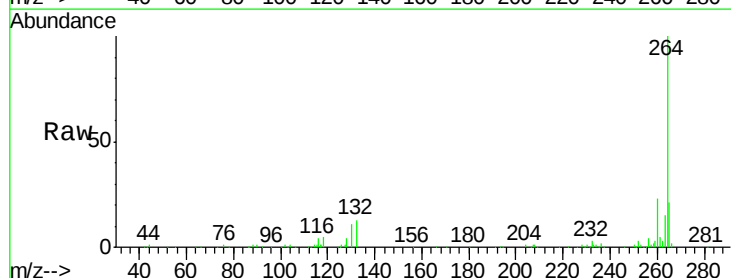
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

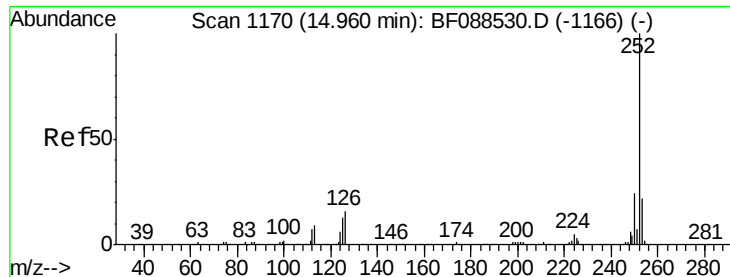
Tgt Ion: 276 Resp: 1043730
 Ion Ratio Lower Upper
 276 100
 138 31.6 0.0 0.0#
 277 25.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion: 264 Resp: 225095
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.5 16.9 25.3

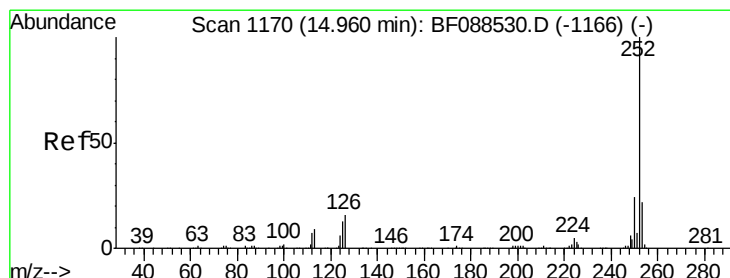
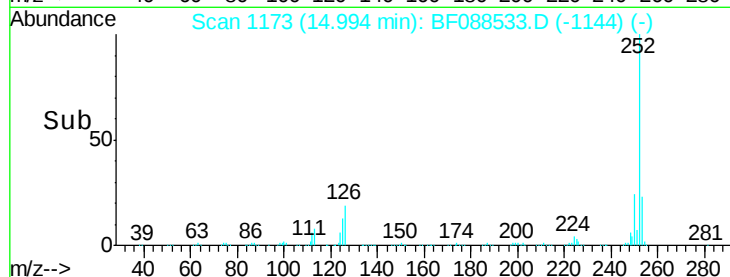
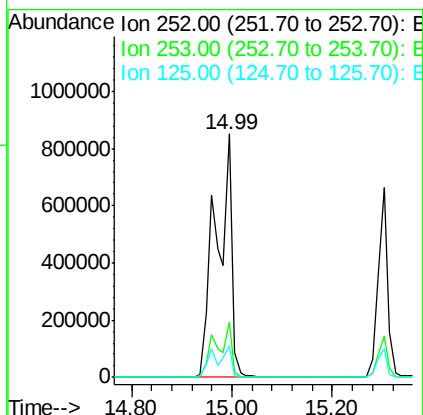
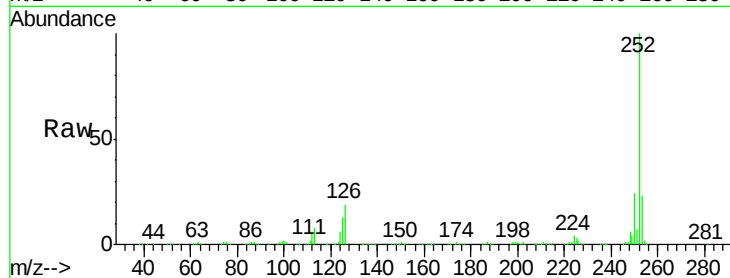




#87
Benzo(b)fluoranthene
Concen: 133.28 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

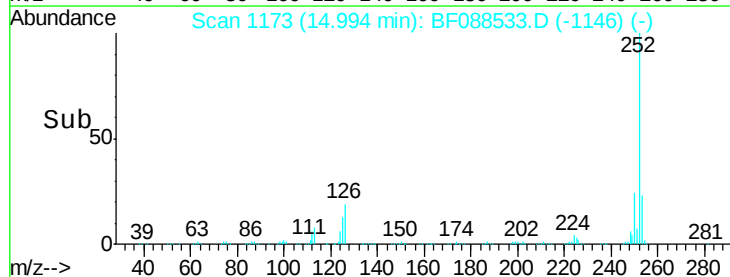
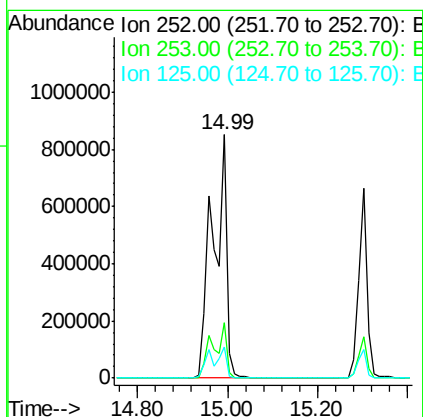
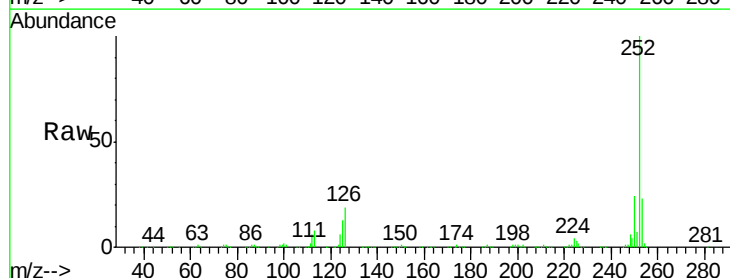
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

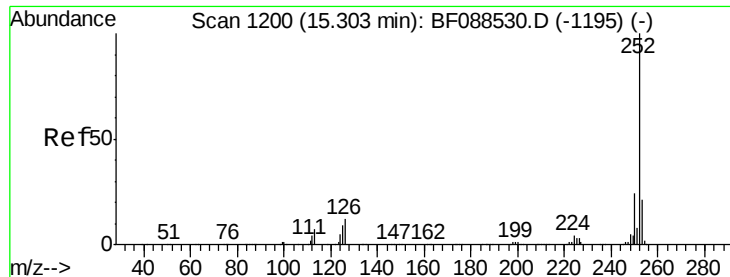
Tgt Ion:252 Resp: 1848128
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 12.7 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 144.24 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:252 Resp: 1849180
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 12.7 11.2 16.8

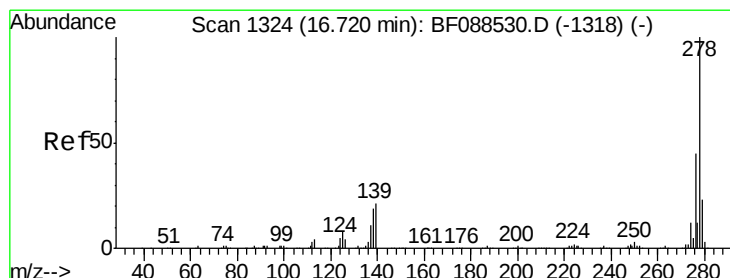
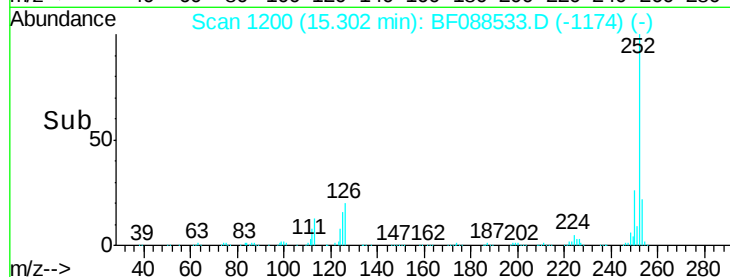
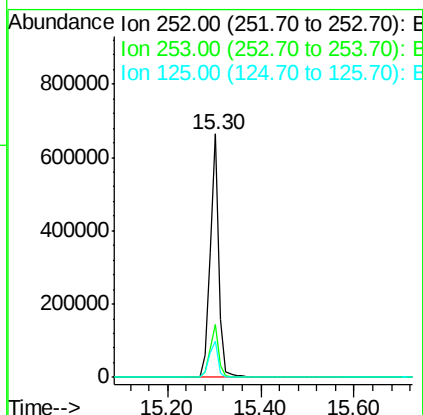
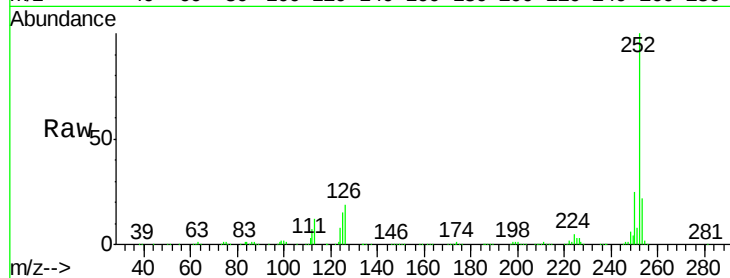




#89
Benzo(a)pyrene
Concen: 68.73 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

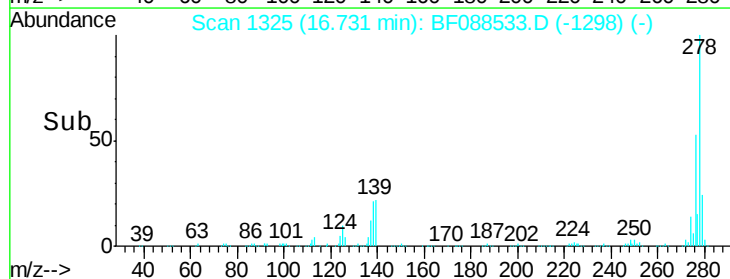
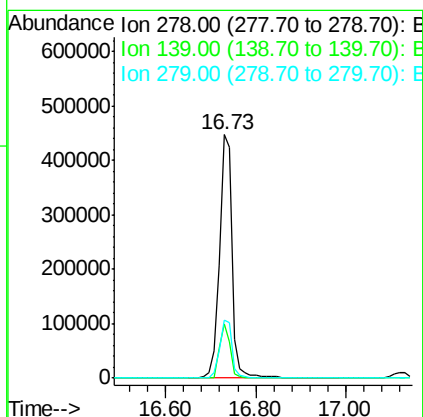
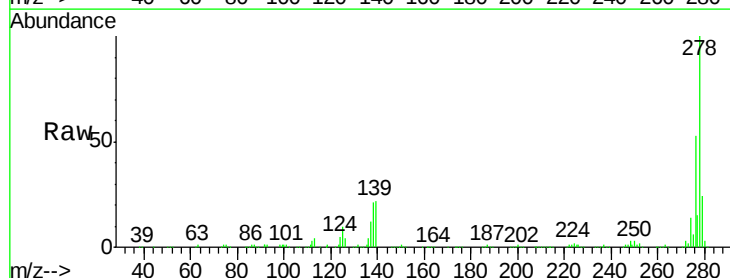
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

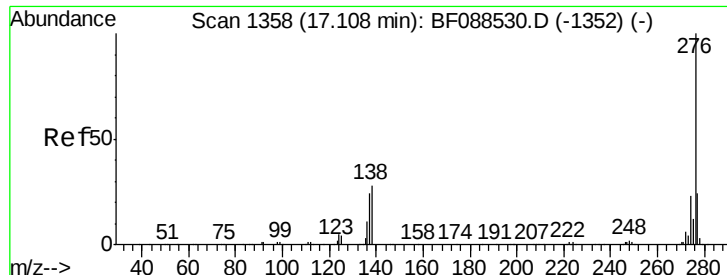
Tgt Ion:252 Resp: 865279
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 14.9 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 85.23 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:278 Resp: 877469
Ion Ratio Lower Upper
278 100
139 22.2 15.7 23.5
279 23.6 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 88.31 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

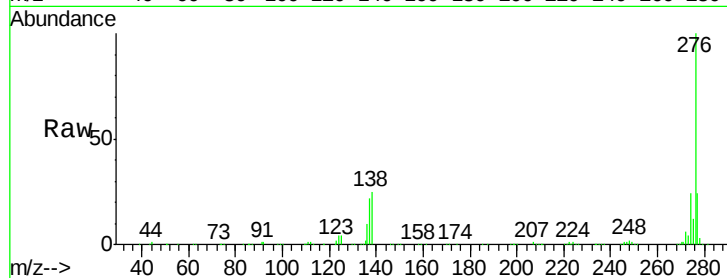
Tgt Ion: 276 Resp: 944645

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.1 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

