

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088538.D
 Acq On : 30 Jun 2016 19:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 01 01:29:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118860	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	510393	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225463	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	413111	20.00	ng	0.00
75) Chrysene-d12	13.95	240	267828	20.00	ng	0.00
86) Perylene-d12	15.35	264	228040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	657459	82.90	ng	0.00
7) Phenol-d6	6.44	99	791318	77.22	ng	0.00
23) Nitrobenzene-d5	7.38	82	743105	76.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	175973	84.05	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1038213	72.74	ng	0.00
78) Terphenyl-d14	12.91	244	963519	80.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	153710	39.09	ng	# 32
3) Pyridine	3.08	79	442748	38.80	ng	95
4) n-Nitrosodimethylamine	3.04	42	169018	38.78	ng	88
6) Aniline	6.48	93	603102	40.38	ng	100
8) 2-Chlorophenol	6.59	128	324349	38.05	ng	93
9) Benzaldehyde	6.35	77	255597	36.82	ng	82
10) Phenol	6.46	94	473848	40.52	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	336156	38.54	ng	# 80
12) 1,3-Dichlorobenzene	6.75	146	345369	36.82	ng	96
13) 1,4-Dichlorobenzene	6.83	146	370048	39.75	ng	97
14) 1,2-Dichlorobenzene	6.99	146	327355	37.57	ng	98
15) Benzyl Alcohol	6.96	79	308275	40.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	506803	40.13	ng	94
17) 2-Methylphenol	7.07	107	282679	40.65	ng	98
18) Hexachloroethane	7.34	117	146531	40.69	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	244437	35.51	ng	94
20) 3+4-Methylphenols	7.22	107	311635	37.34	ng	# 84
22) Acetophenone	7.23	105	481442	38.86	ng	# 97
24) Nitrobenzene	7.40	77	379187	38.61	ng	100
25) Isophorone	7.64	82	677311	37.54	ng	98
26) 2-Nitrophenol	7.71	139	149696	37.17	ng	95
27) 2,4-Dimethylphenol	7.76	122	330501	39.41	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	428735	36.52	ng	98
29) 2,4-Dichlorophenol	7.95	162	248987	36.73	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	290351	39.03	ng	99
31) Naphthalene	8.12	128	998481	39.68	ng	99
32) Benzoic acid	7.87	122	236994	38.92	ng	92
33) 4-Chloroaniline	8.17	127	427891	38.22	ng	98
34) Hexachlorobutadiene	8.25	225	161312	40.50	ng	98
35) Caprolactam	8.55	113	93219	40.49	ng	# 67
36) 4-Chloro-3-methylphenol	8.65	107	307169	38.32	ng	96
37) 2-Methylnaphthalene	8.81	142	563588	34.79	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	311648	41.56	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	144441	39.24	ng	99

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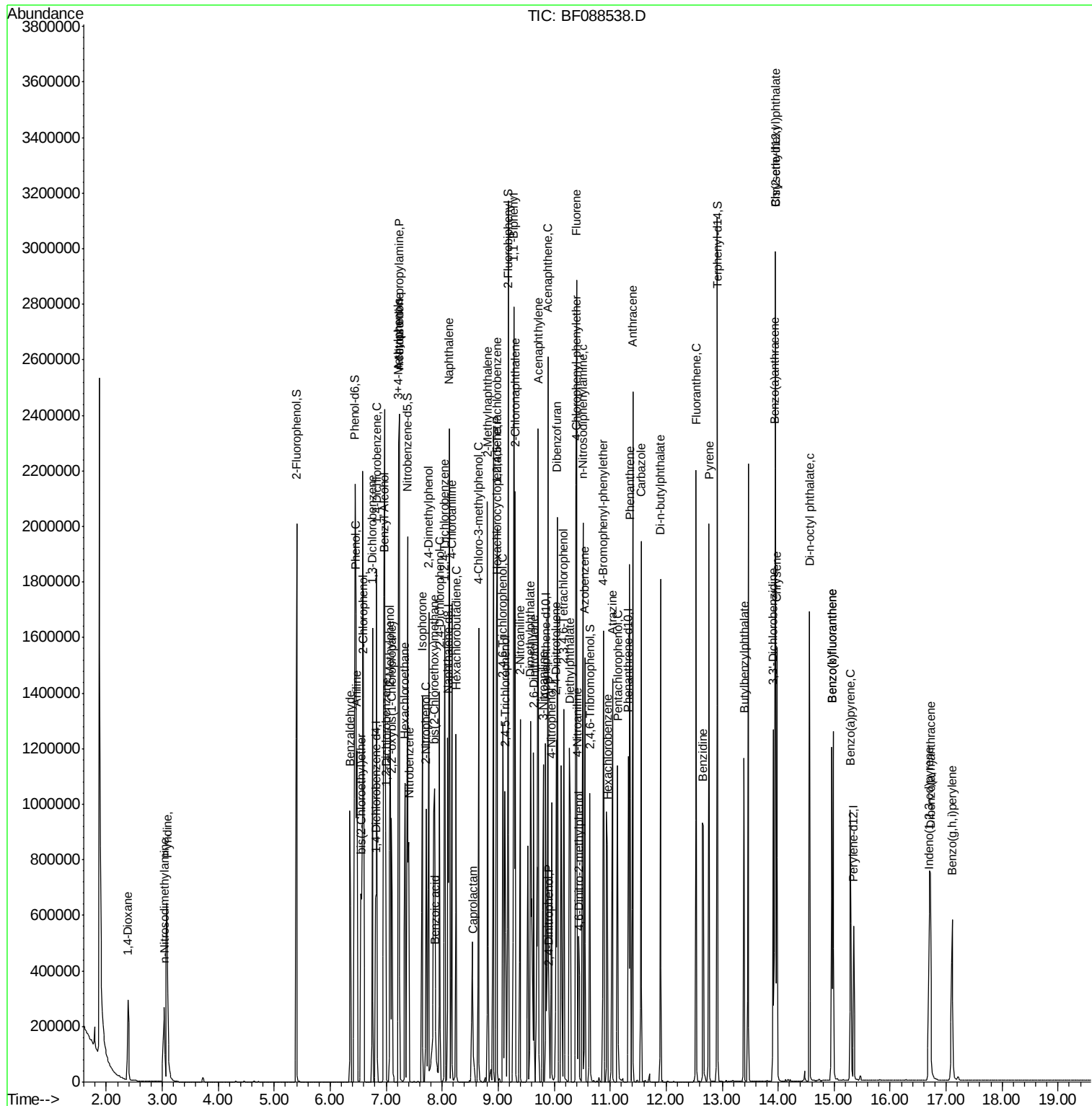
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	180460	36.50	ng	96
43) 2,4,5-Trichlorophenol	9.12	196	175970	41.37	ng #	79
45) 1,1'-Biphenyl	9.28	154	763524	40.90	ng	99
46) 2-Chloronaphthalene	9.30	162	605113	41.29	ng	99
47) 2-Nitroaniline	9.39	65	227376	43.71	ng	95
48) Acenaphthylene	9.71	152	918093	39.37	ng	99
49) Dimethylphthalate	9.58	163	592511	36.89	ng	99
50) 2,6-Dinitrotoluene	9.63	165	132032	37.09	ng #	43
51) Acenaphthene	9.88	154	538741	37.69	ng	97
52) 3-Nitroaniline	9.80	138	202172	44.67	ng	95
53) 2,4-Dinitrophenol	9.91	184	61518	39.14	ng #	66
54) Dibenzofuran	10.06	168	731345	39.09	ng #	91
55) 4-Nitrophenol	9.95	139	147494	42.89	ng	97
56) 2,4-Dinitrotoluene	10.03	165	182714	39.25	ng #	54
57) Fluorene	10.40	166	596961	41.40	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	135583	41.20	ng #	48
59) Diethylphthalate	10.27	149	645047	40.01	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	242671	36.22	ng	89
61) 4-Nitroaniline	10.41	138	157617	36.19	ng	86
62) Azobenzene	10.55	77	699860	38.06	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	93784	42.44	ng #	57
65) n-Nitrosodiphenylamine	10.51	169	576029	41.20	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	159165	38.23	ng #	84
67) Hexachlorobenzene	10.95	284	186395	40.45	ng #	74
68) Atrazine	11.04	200	177771	40.80	ng	93
69) Pentachlorophenol	11.13	266	111520	40.89	ng	97
70) Phenanthrene	11.35	178	840607	37.22	ng	99
71) Anthracene	11.41	178	888010	39.55	ng	100
72) Carbazole	11.55	167	735699	34.81	ng	99
73) Di-n-butylphthalate	11.90	149	889735	36.19	ng	99
74) Fluoranthene	12.54	202	915307	39.98	ng	100
76) Benzidine	12.66	184	532863	39.36	ng	99
77) Pyrene	12.77	202	969453	42.69	ng	100
79) Butylbenzylphthalate	13.39	149	389259	38.43	ng	98
80) Benzo(a)anthracene	13.94	228	657976	38.15	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	234434	36.16	ng #	94
82) Chrysene	13.98	228	618026	36.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	469829	40.63	ng	99
84) Di-n-octyl phthalate	14.56	149	761287	38.75	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	494336	37.66	ng #	100
87) Benzo(b)fluoranthene	14.96	252	1056586	73.86	ng #	97
88) Benzo(k)fluoranthene	14.96	252	1056826	84.86	ng	97
89) Benzo(a)pyrene	15.29	252	487680	40.27	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	420212	41.55	ng	99
91) Benzo(g,h,i)perylene	17.11	276	442983	42.33	ng	100

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

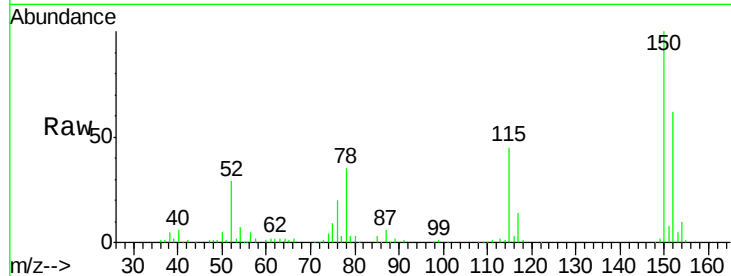
Tgt Ion:152 Resp: 118860

Ion Ratio Lower Upper

152 100

150 160.5 123.8 185.6

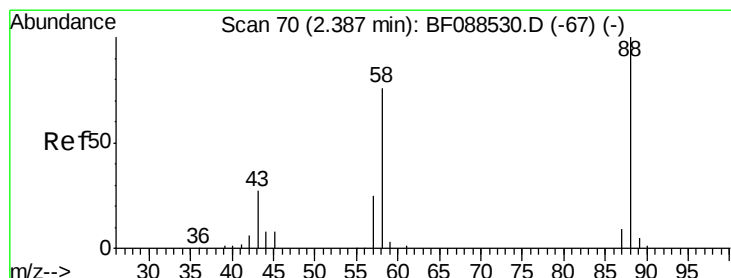
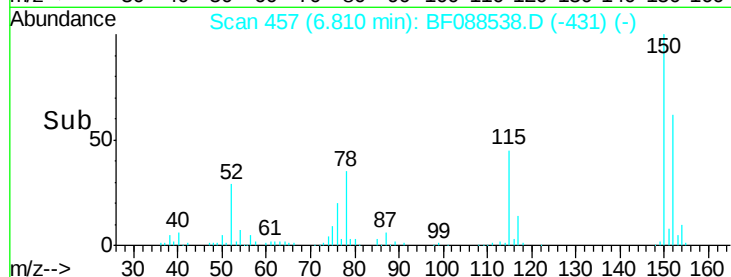
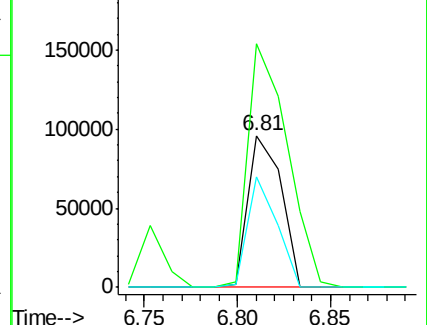
115 72.7 39.6 59.4#



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: 39.09 ng

RT: 2.39 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

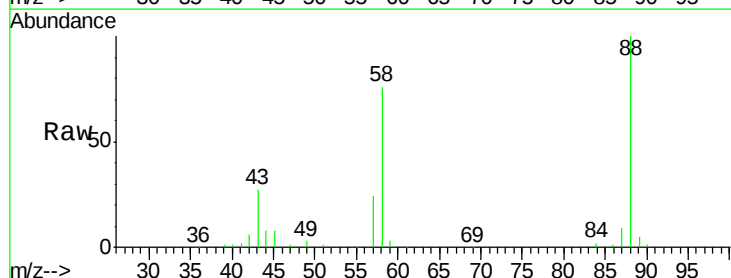
Tgt Ion: 88 Resp: 153710

Ion Ratio Lower Upper

88 100

58 72.8 0.0 0.0#

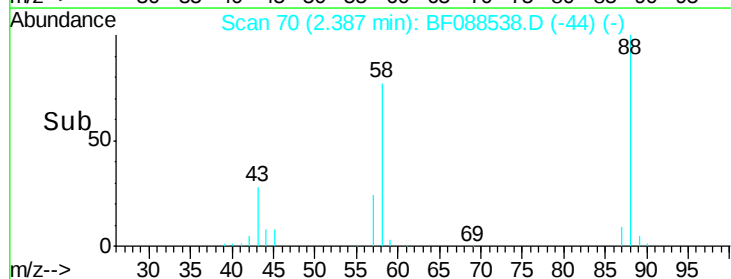
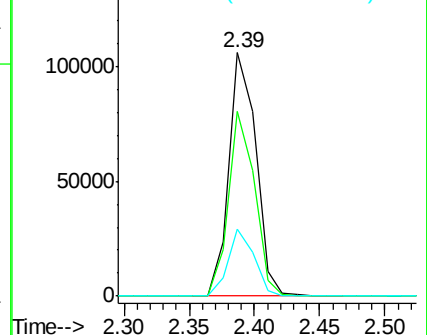
43 26.7 3.4 5.2#



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: 38.80 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.00 min

Lab File: BF088538.D

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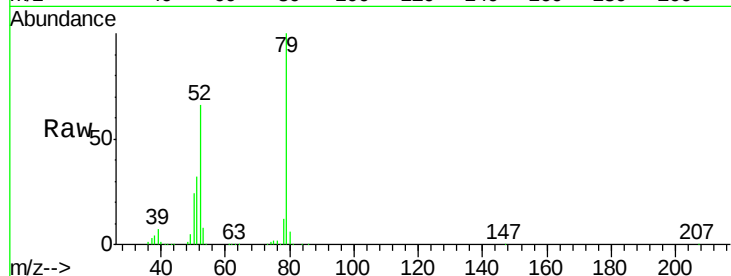
Tgt Ion: 79 Resp: 442748

Ion Ratio Lower Upper

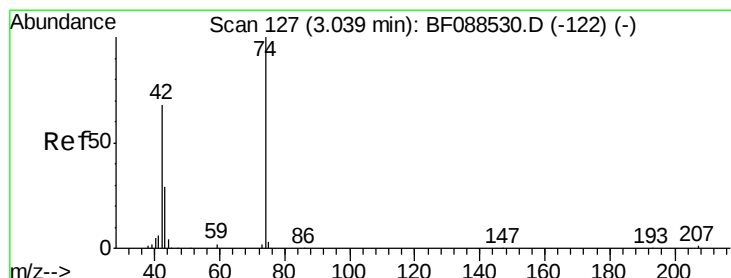
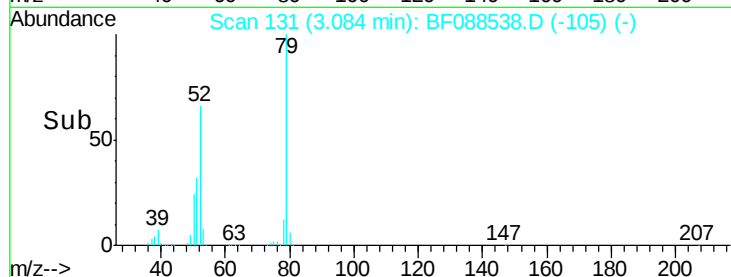
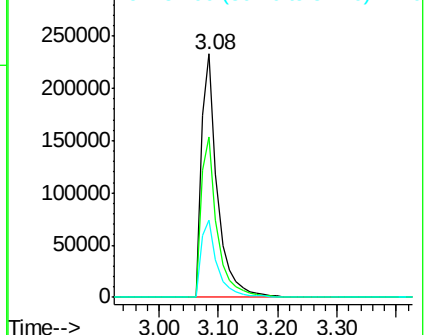
79 100

52 66.1 56.3 84.5

51 31.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.78 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

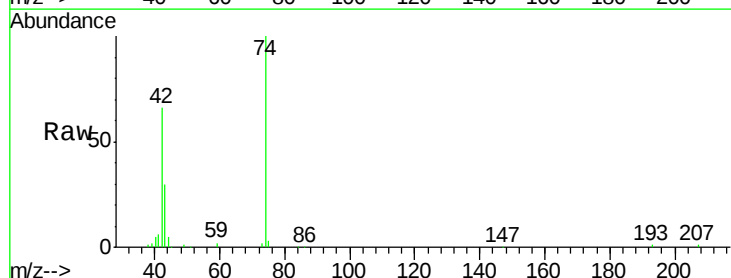
Tgt Ion: 42 Resp: 169018

Ion Ratio Lower Upper

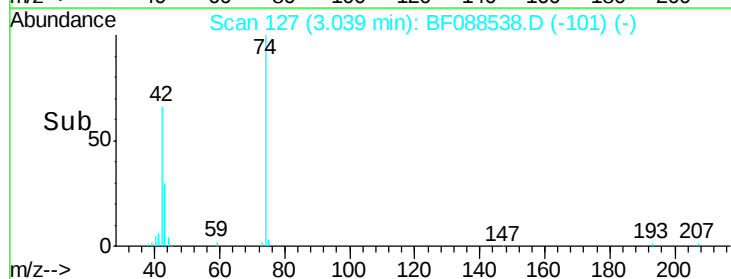
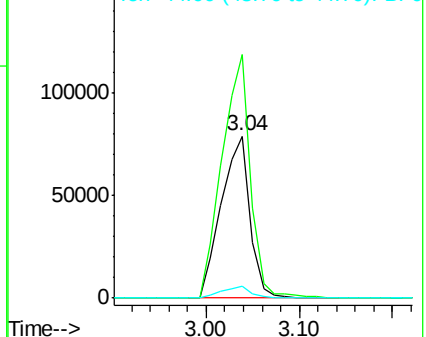
42 100

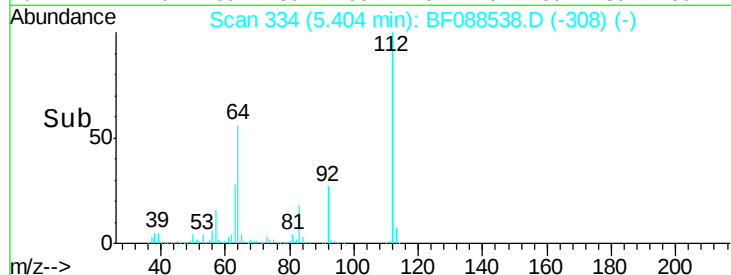
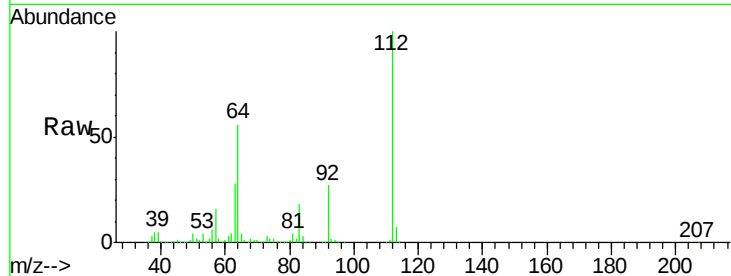
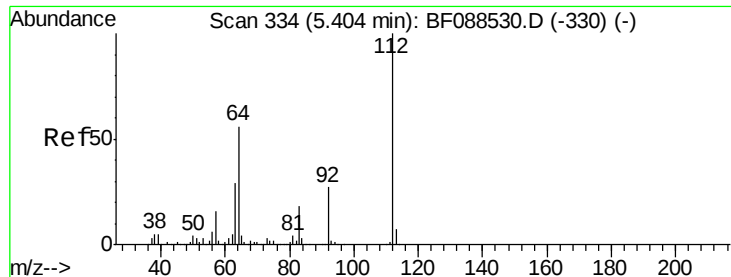
74 150.5 108.6 163.0

44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.90 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

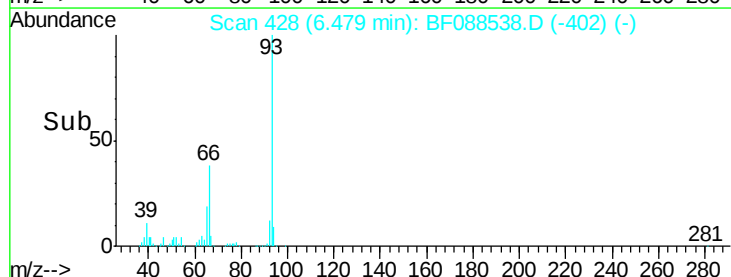
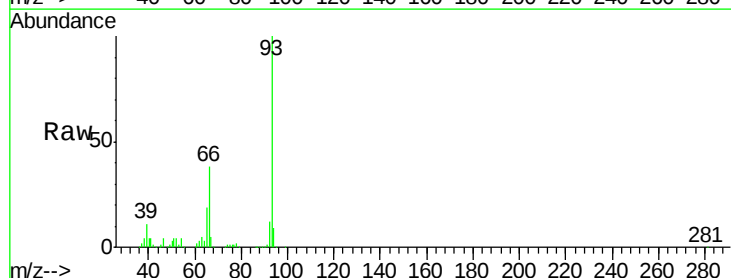
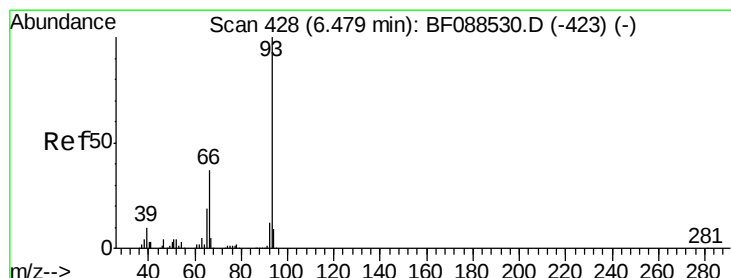
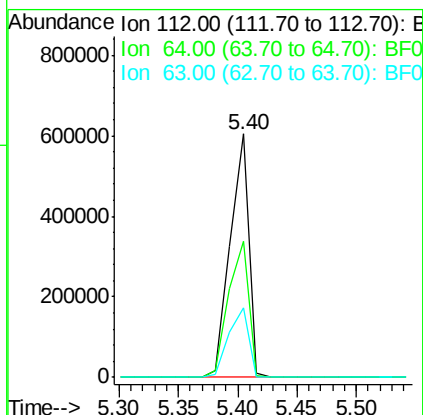
Tgt Ion: 112 Resp: 657459

Ion Ratio Lower Upper

112 100

64 55.8 42.2 63.2

63 28.4 21.8 32.8



#6

Aniline

Concen: 40.38 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

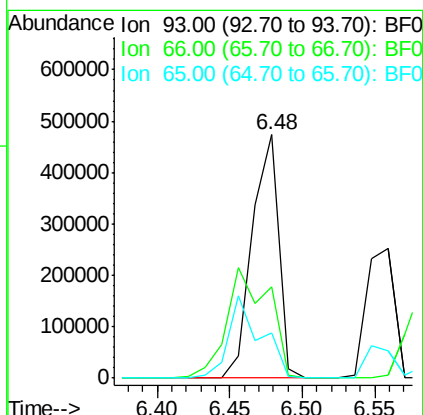
Tgt Ion: 93 Resp: 603102

Ion Ratio Lower Upper

93 100

66 37.6 29.8 44.8

65 18.6 14.9 22.3





#7

Phenol-d6

Concen: 77.22 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

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SSTDCCC040EC

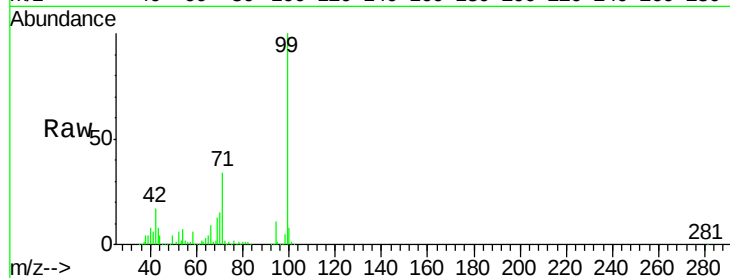
Tgt Ion: 99 Resp: 791318

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

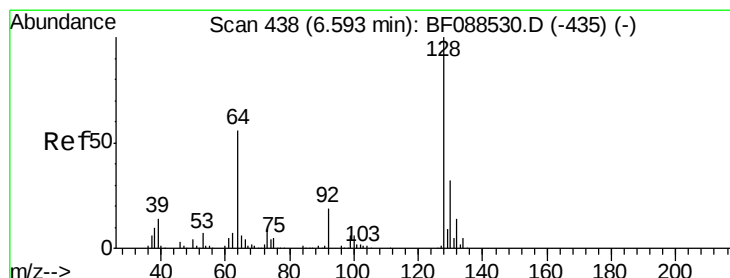
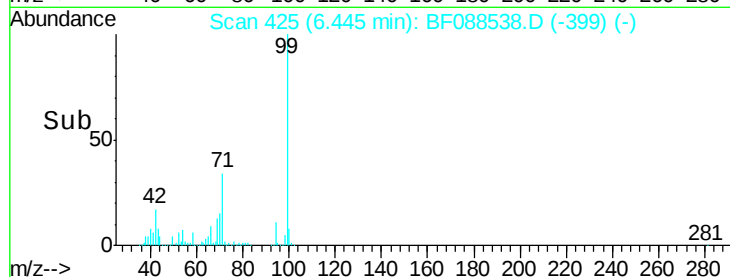
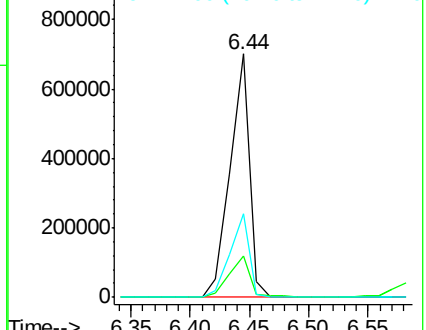
71 34.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.05 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

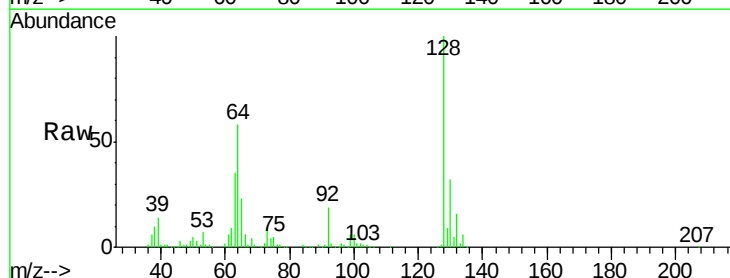
Tgt Ion: 128 Resp: 324349

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

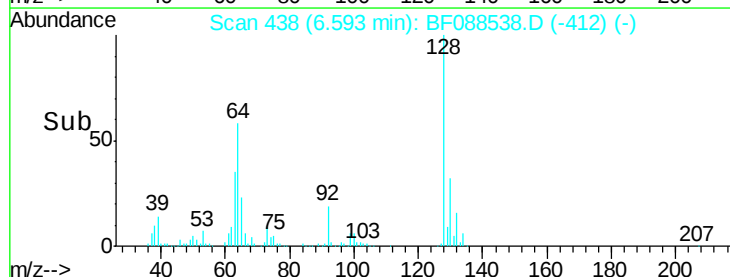
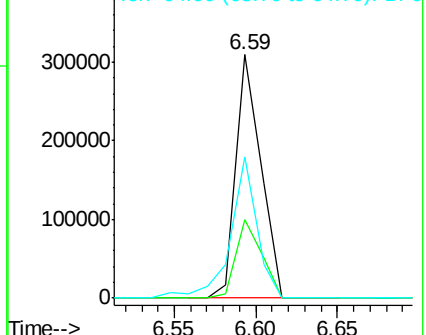
64 58.2 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.82 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

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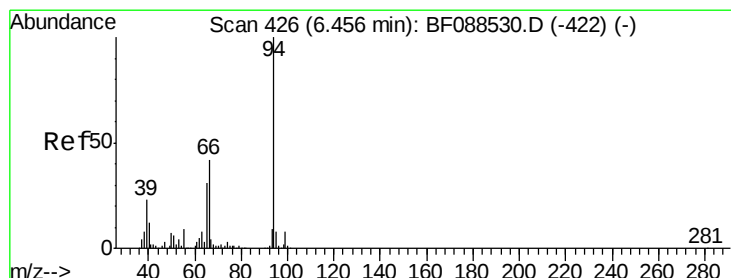
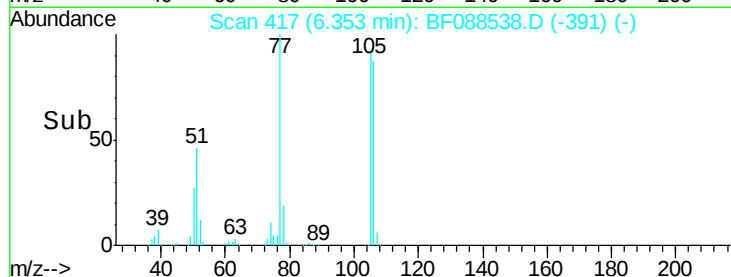
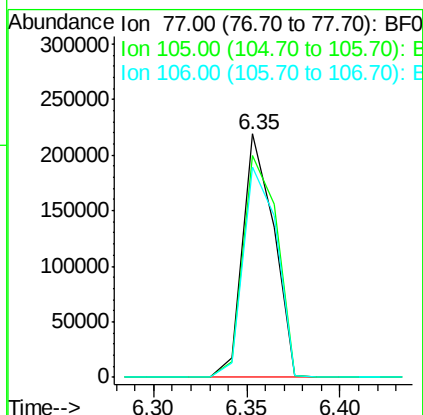
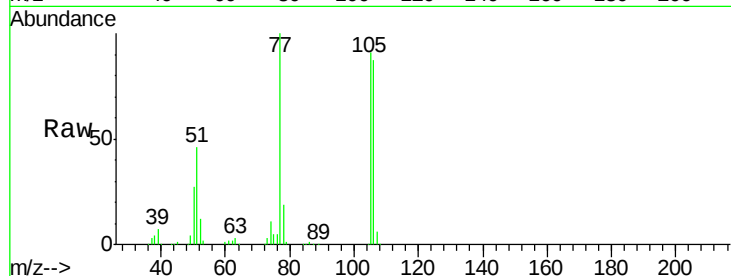
Tgt Ion: 77 Resp: 255597

Ion Ratio Lower Upper

77 100

105 91.2 90.6 130.6

106 86.6 85.3 125.3



#10

Phenol

Concen: 40.52 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

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Acq: 30 Jun 2016 19:31

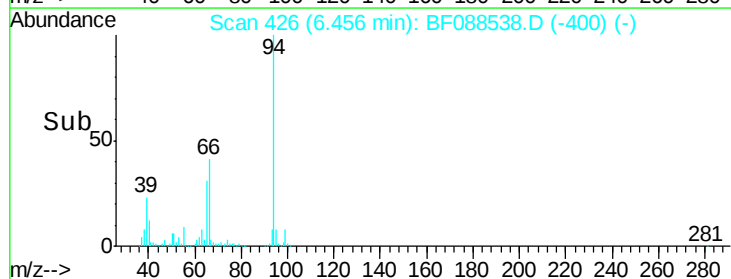
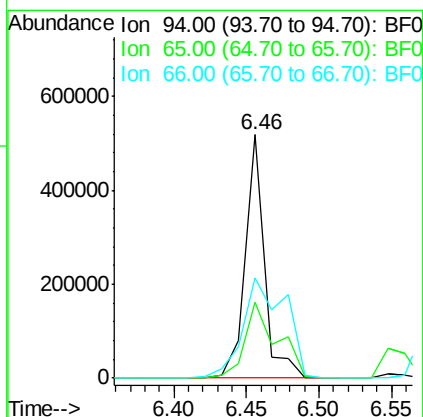
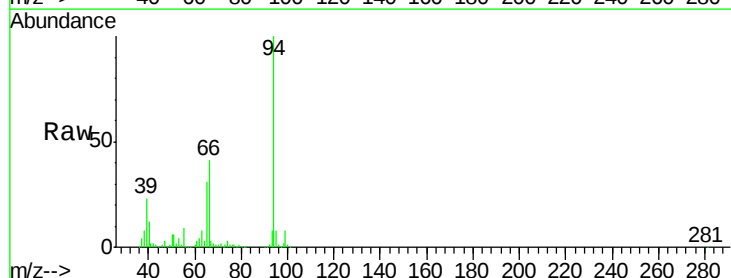
Tgt Ion: 94 Resp: 473848

Ion Ratio Lower Upper

94 100

65 31.0 5.9 45.9

66 41.3 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 38.54 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

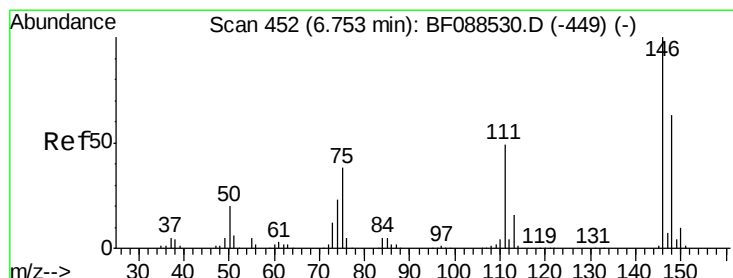
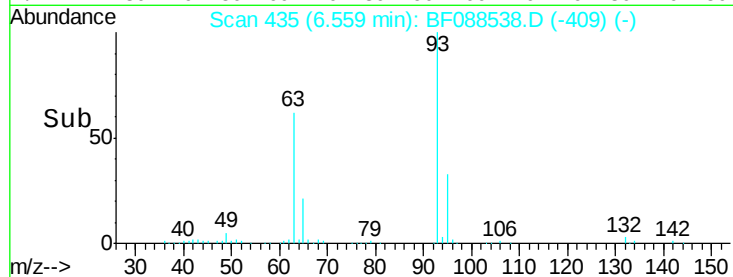
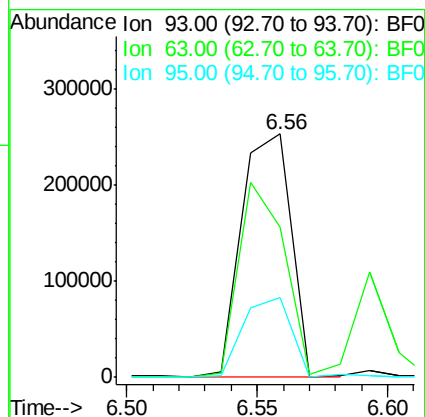
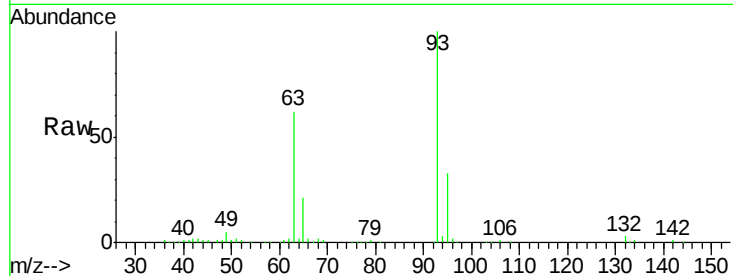
Tgt Ion: 93 Resp: 336156

Ion Ratio Lower Upper

93 100

63 61.7 67.6 107.6#

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 36.82 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

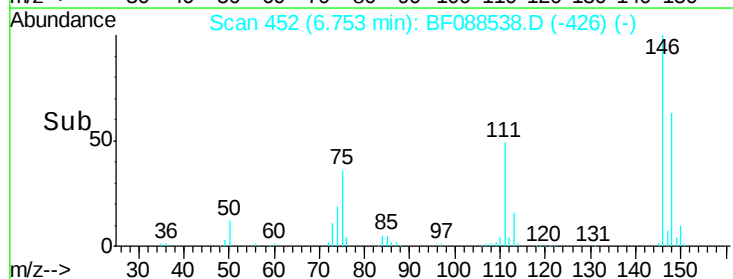
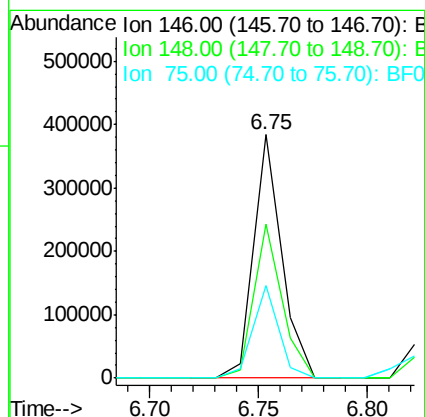
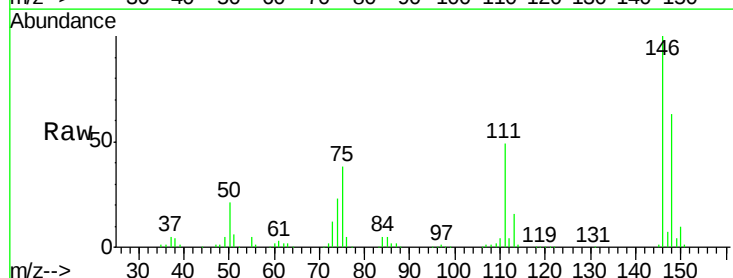
Tgt Ion: 146 Resp: 345369

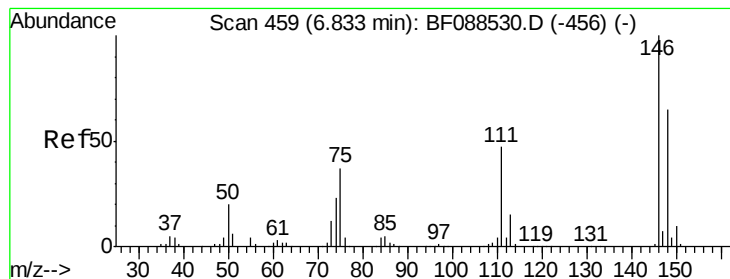
Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

75 37.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

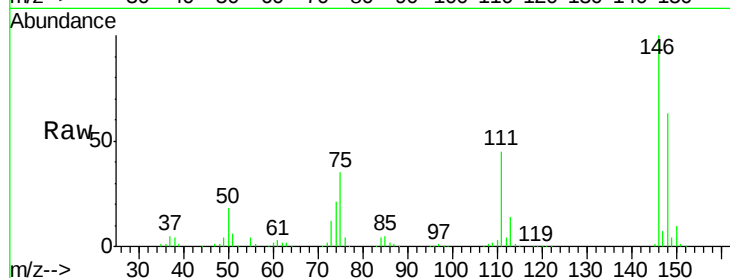
Tgt Ion:146 Resp: 370048

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

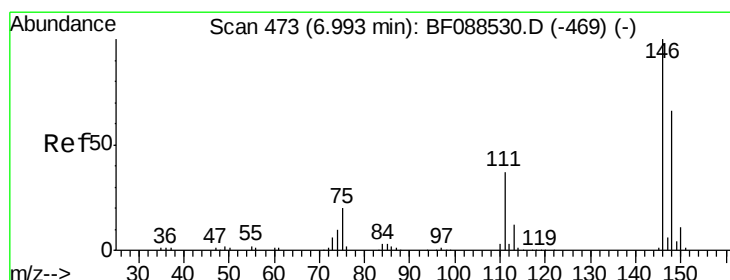
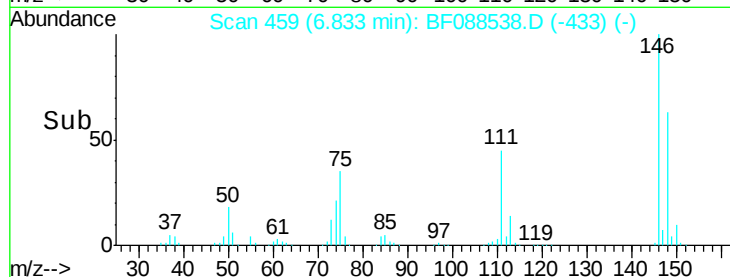
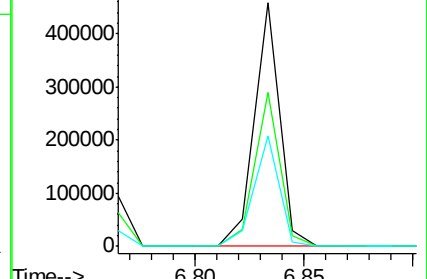
111 45.3 33.8 50.8



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: 37.57 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

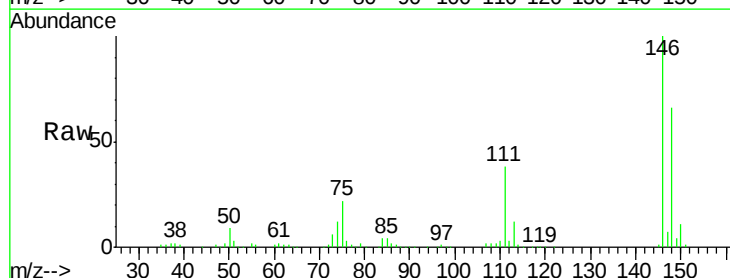
Tgt Ion:146 Resp: 327355

Ion Ratio Lower Upper

146 100

148 65.9 52.3 78.5

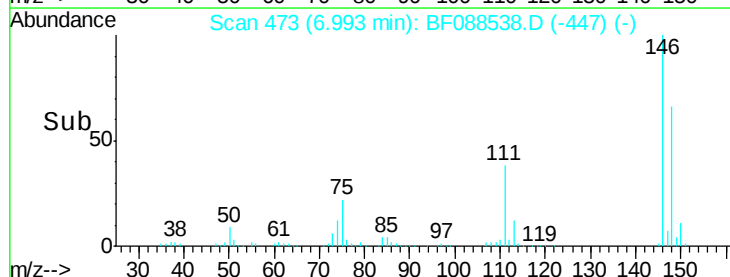
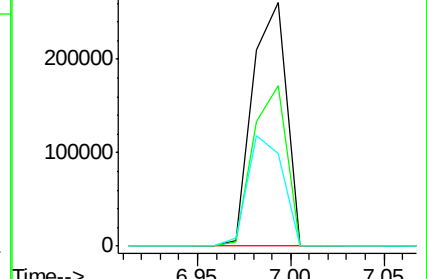
111 38.0 28.7 43.1



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: 40.87 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

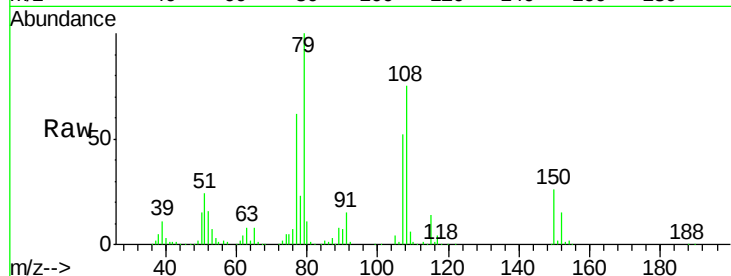
Tgt Ion: 79 Resp: 308275

Ion Ratio Lower Upper

79 100

108 74.6 65.0 97.6

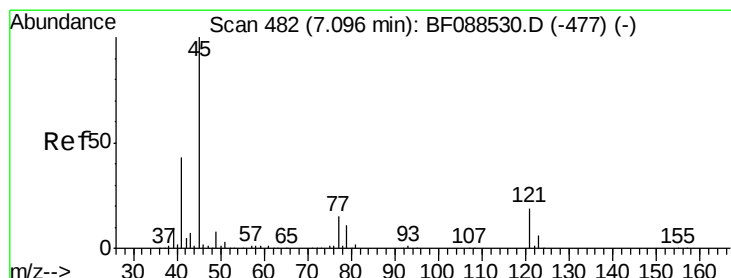
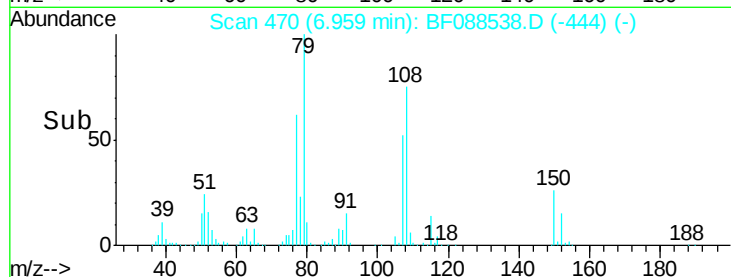
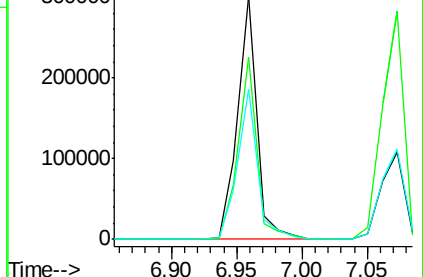
77 61.6 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.13 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

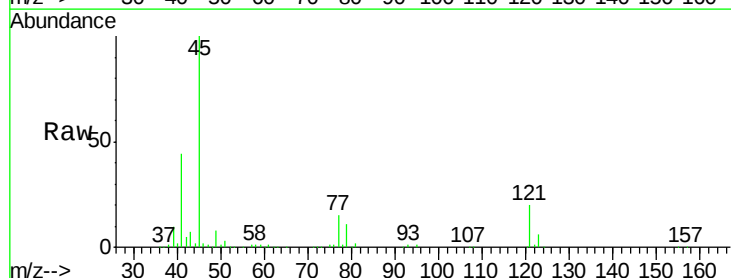
Tgt Ion: 45 Resp: 506803

Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.5

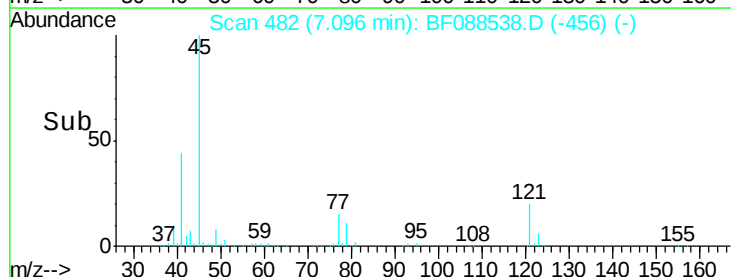
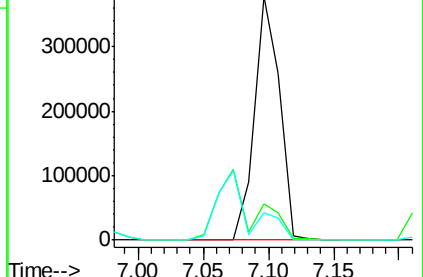
79 11.3 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

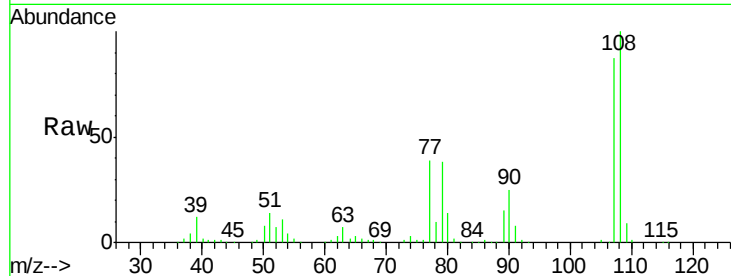




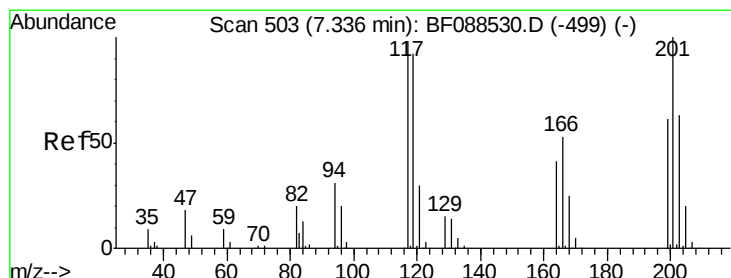
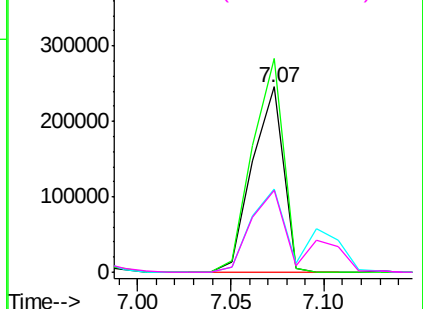
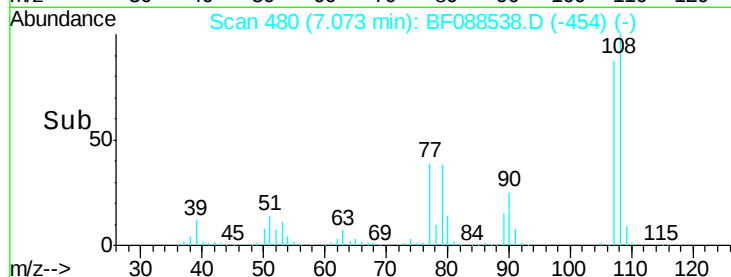
#17
2-Methylphenol
Concen: 40.65 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 282679
Ion Ratio Lower Upper
107 100
108 115.3 90.9 136.3
77 45.1 36.6 55.0
79 44.1 36.5 54.7

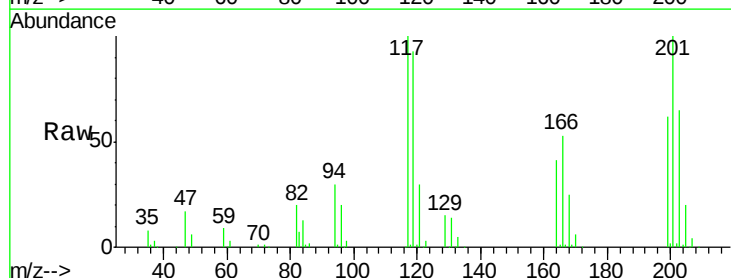


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

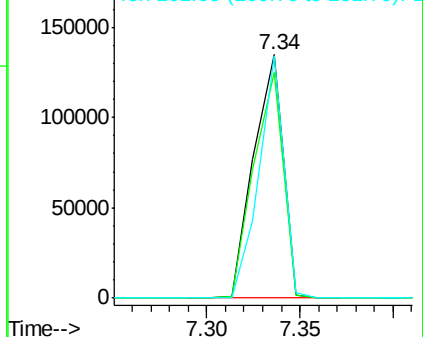
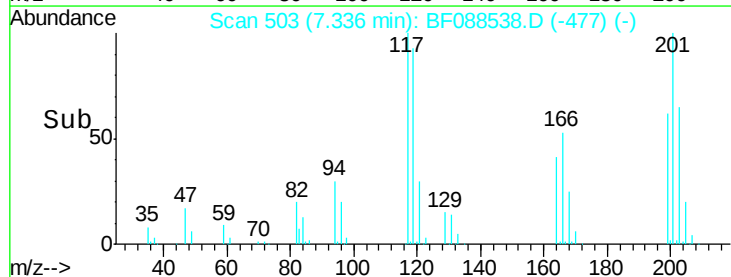


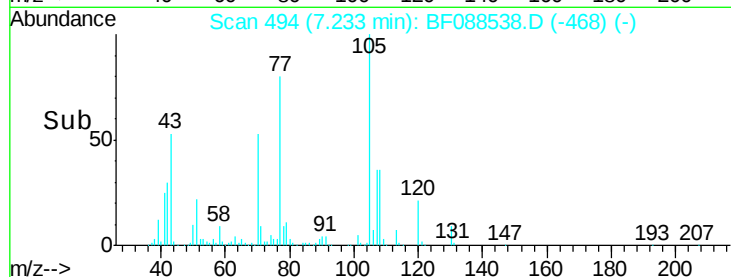
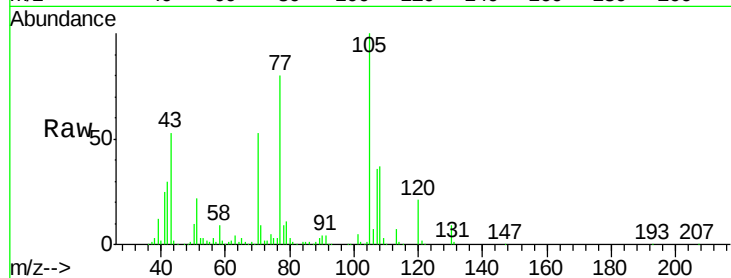
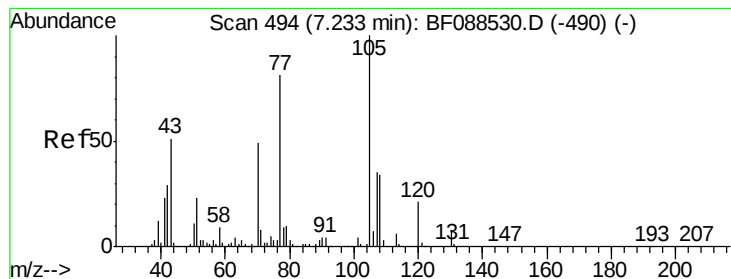
#18
Hexachloroethane
Concen: 40.69 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:117 Resp: 146531
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.2
201 99.6 80.4 120.6



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.51 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 244437

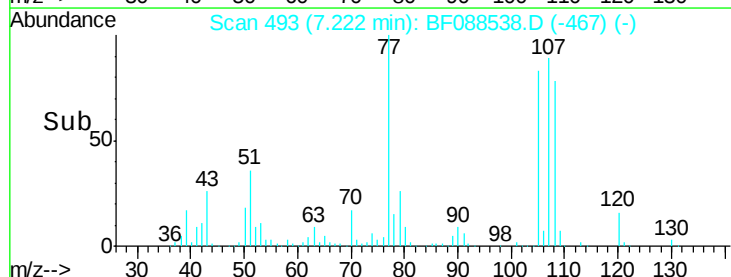
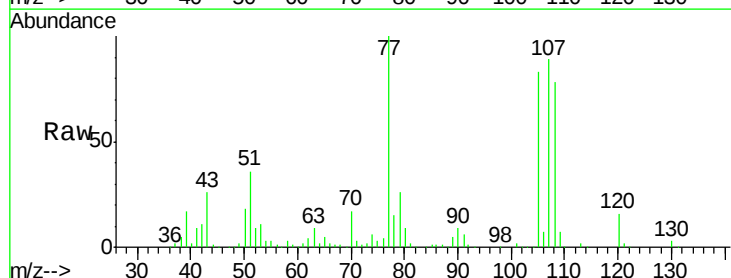
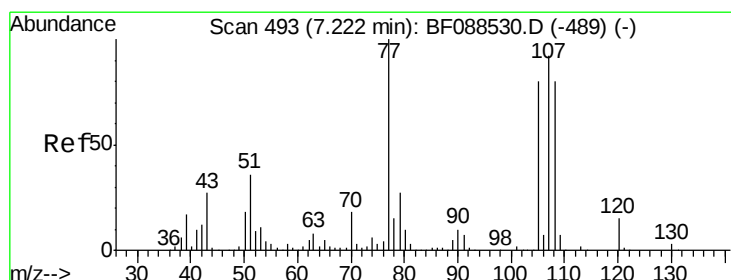
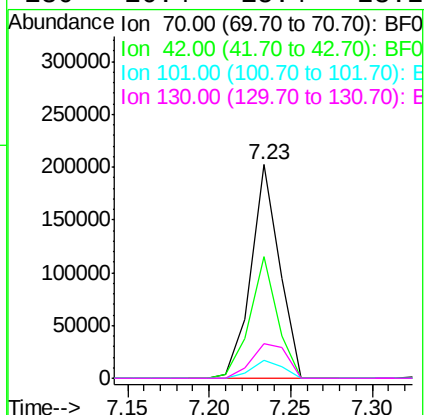
Ion Ratio Lower Upper

70 100

42 57.1 49.6 74.4

101 8.7 7.1 10.7

130 16.4 15.4 23.2



#20

3+4-Methylphenols

Concen: 37.34 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion: 107 Resp: 311635

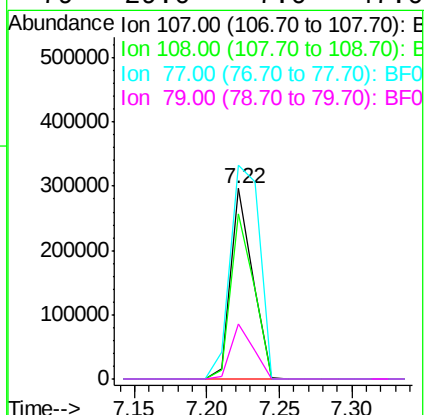
Ion Ratio Lower Upper

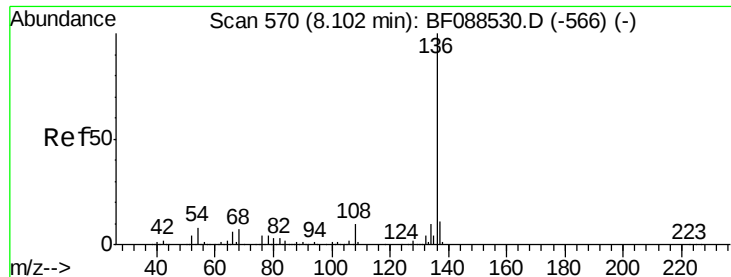
107 100

108 87.1 67.8 107.8

77 112.2 59.3 99.3#

79 29.0 7.0 47.0

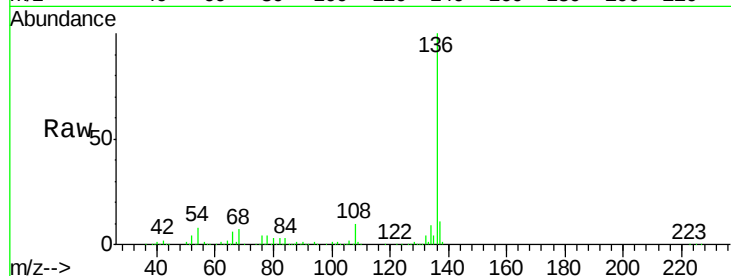




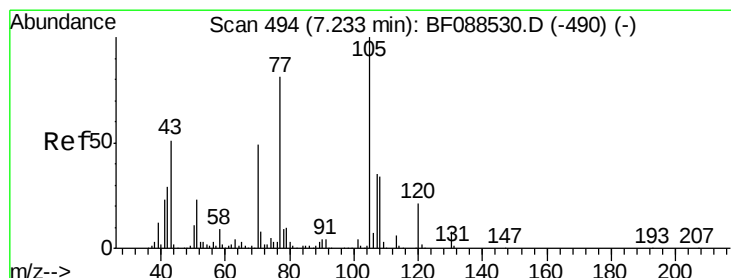
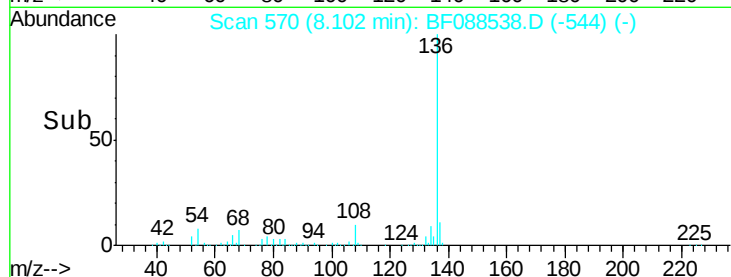
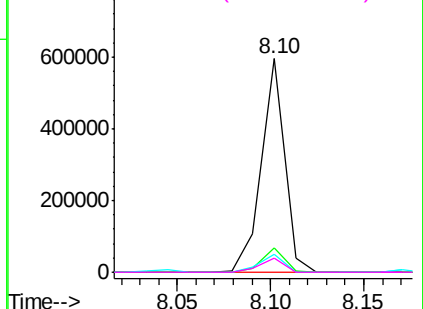
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	510393
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	6.6	10.0
68	6.9	5.1	7.7

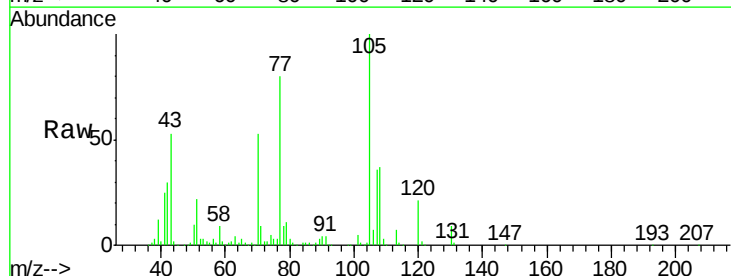


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

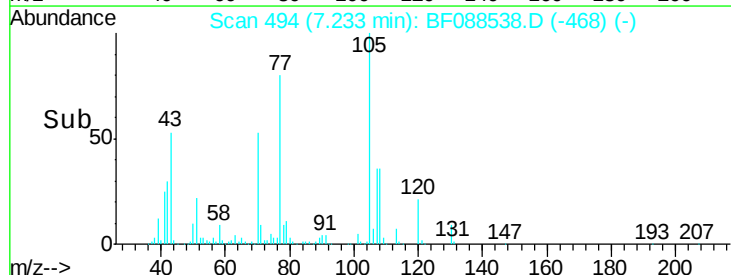
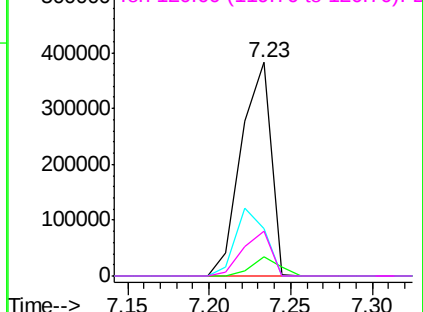


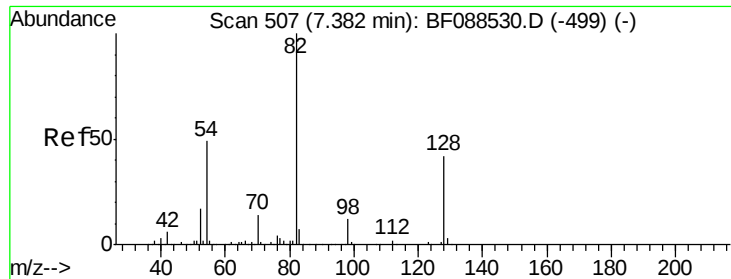
#22
Acetophenone
Concen: 38.86 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:	105	Resp:	481442
Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.3	7.9#
51	22.3	18.2	27.4
120	21.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

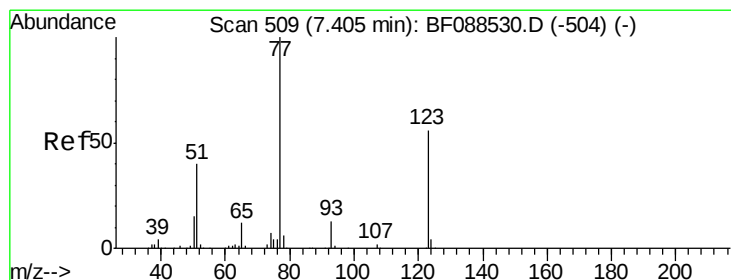
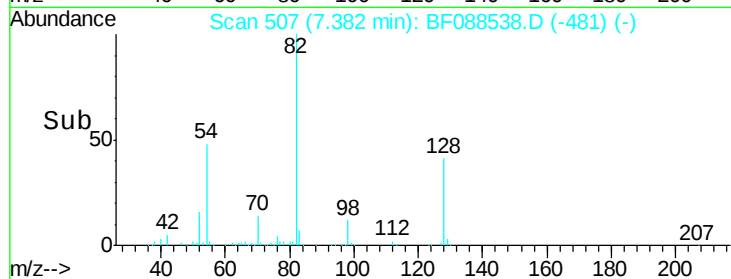
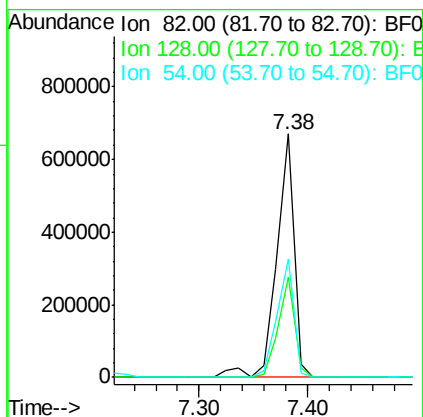
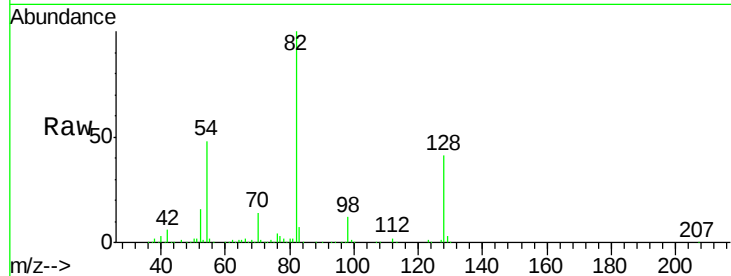




#23
 Nitrobenzene-d5
 Concen: 76.30 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

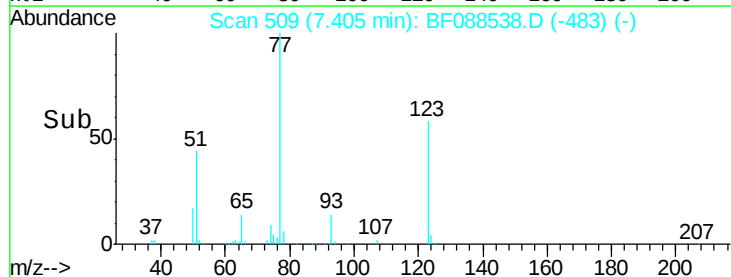
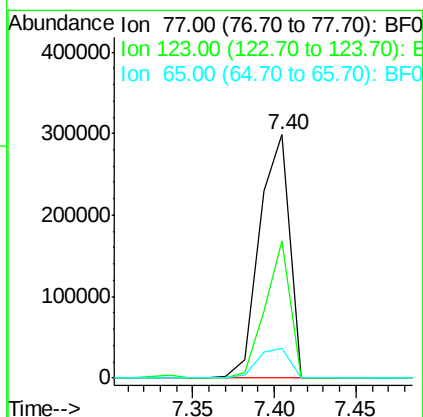
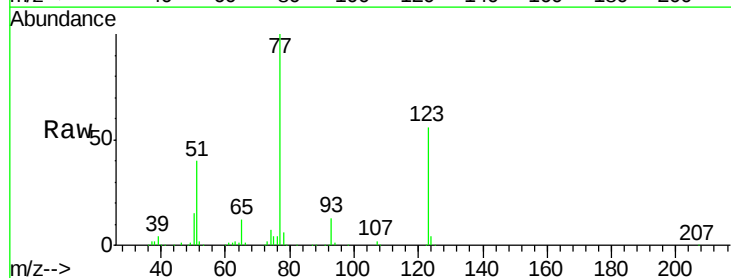
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

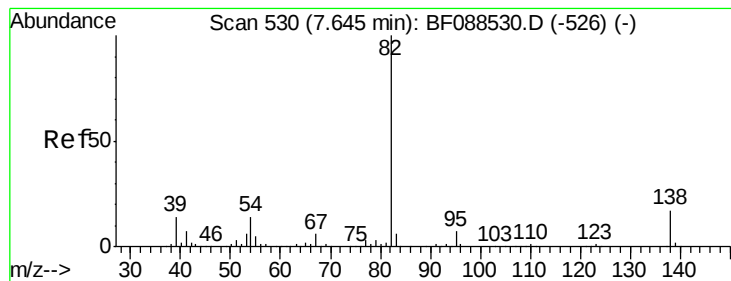
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.9	53.9
54	48.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 38.61 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.3	45.0	67.4
65	12.2	10.2	15.2





#25

Isophorone

Concen: 37.54 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

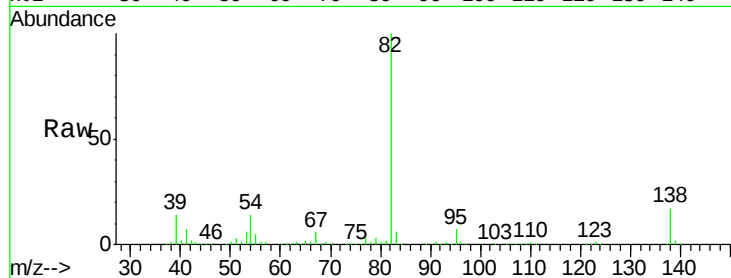
Tgt Ion: 82 Resp: 677311

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

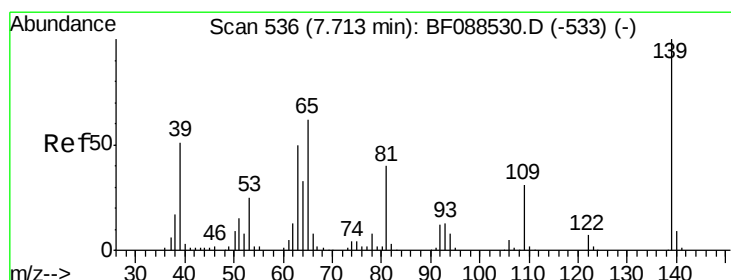
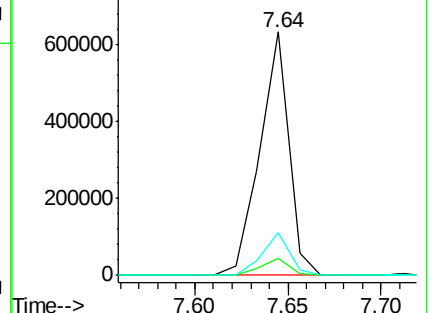
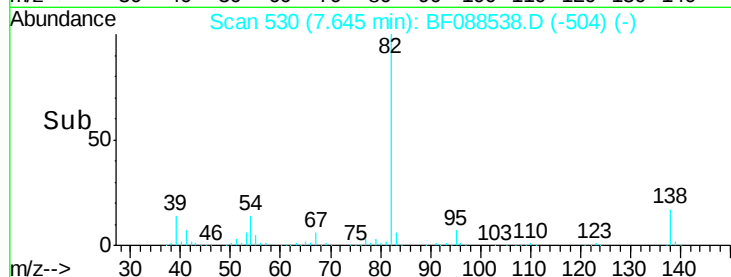
138 17.3 14.6 21.8



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: 37.17 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

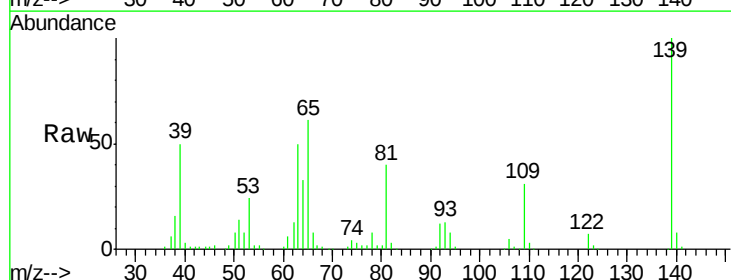
Tgt Ion: 139 Resp: 149696

Ion Ratio Lower Upper

139 100

109 31.2 23.0 34.4

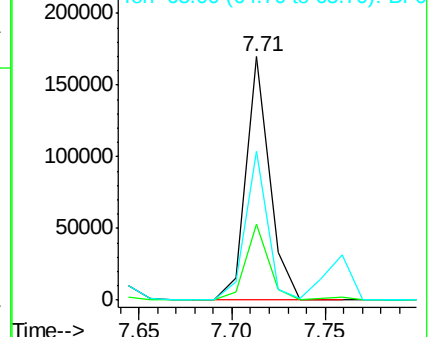
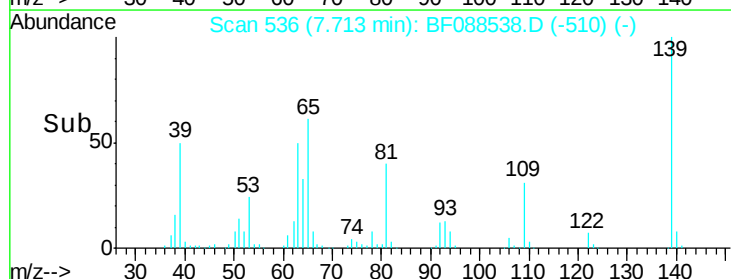
65 60.9 45.8 68.8



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

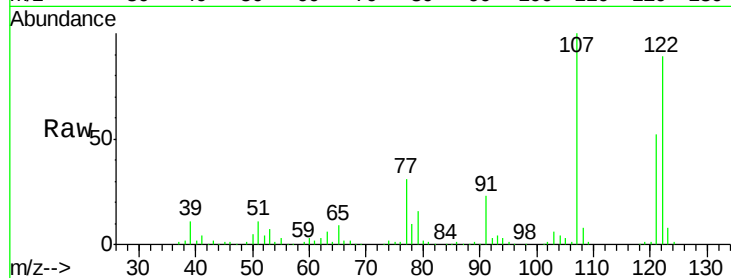




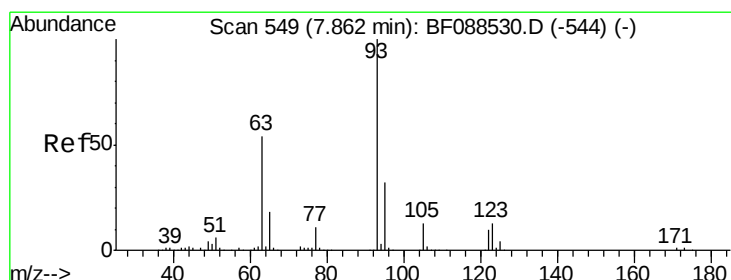
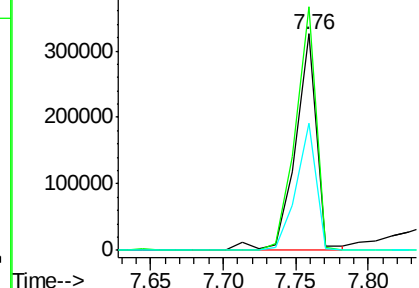
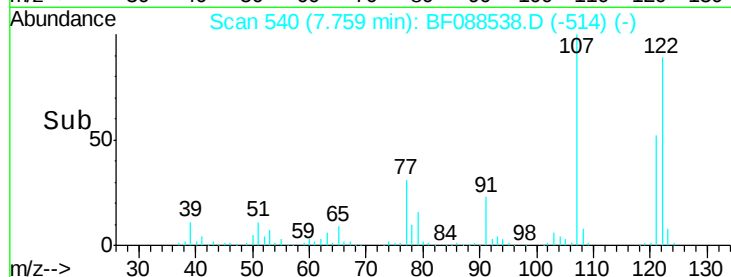
#27
 2,4-Dimethylphenol
 Concen: 39.41 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 122 Resp: 330501
 Ion Ratio Lower Upper
 122 100
 107 112.5 82.4 123.6
 121 58.6 46.3 69.5

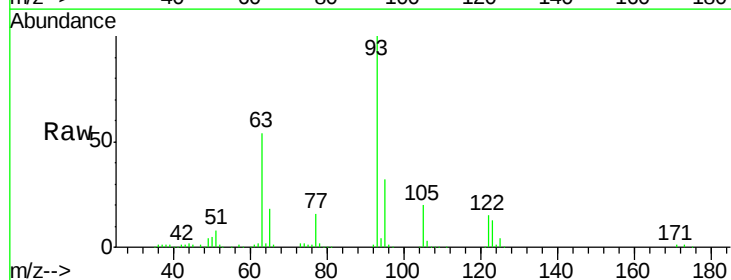


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

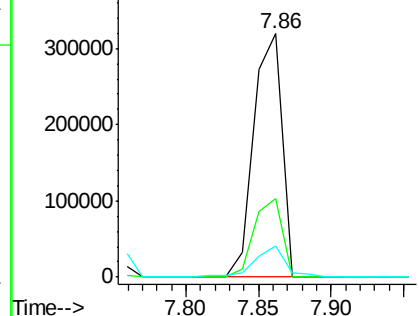
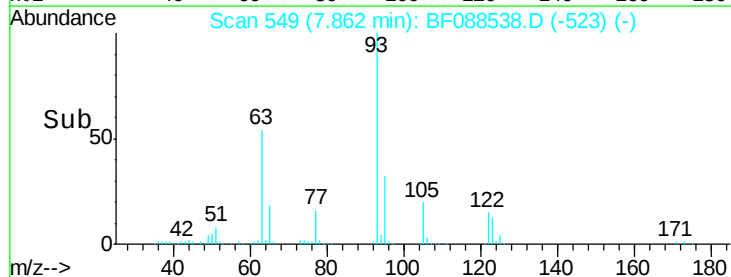


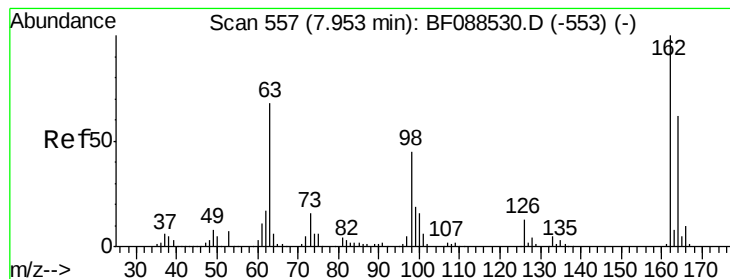
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.52 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion: 93 Resp: 428735
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 12.8 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: 36.73 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

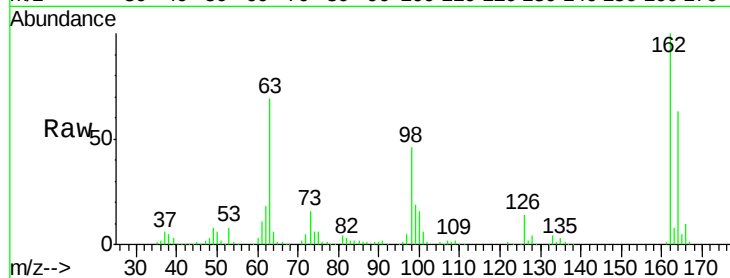
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

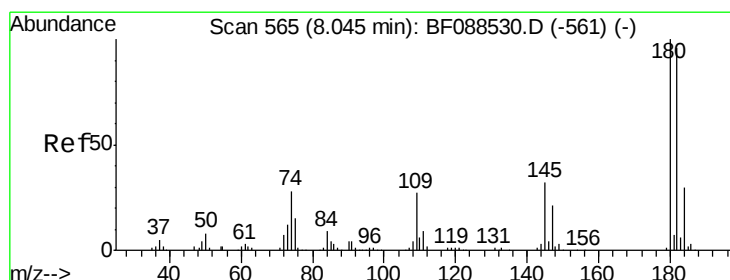
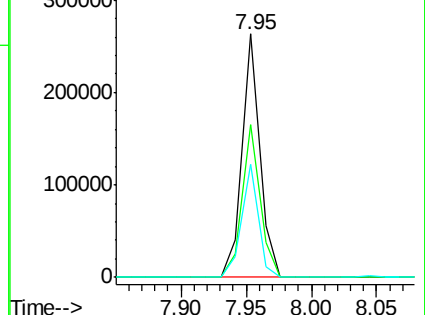
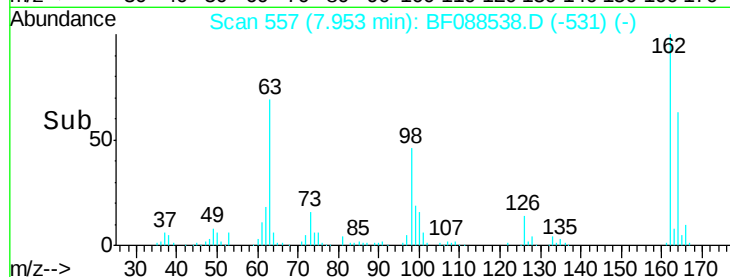
Tgt Ion:	162	Resp:	248987
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.8	83.8
98	46.4	21.3	61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.03 ng

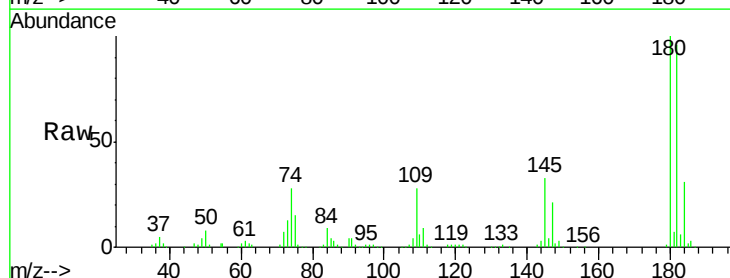
RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

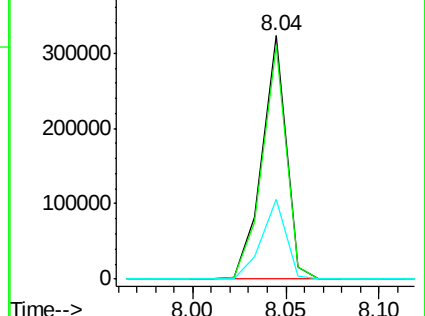
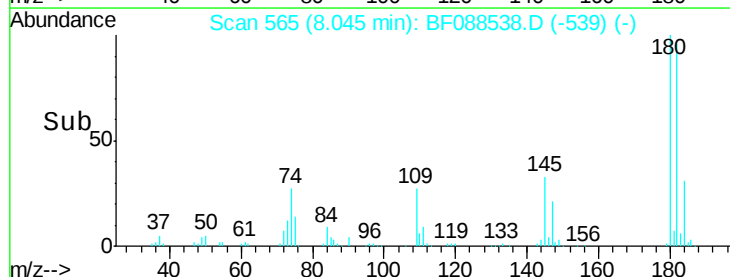
Tgt Ion:	180	Resp:	290351
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.0	114.0
145	33.0	26.5	39.7

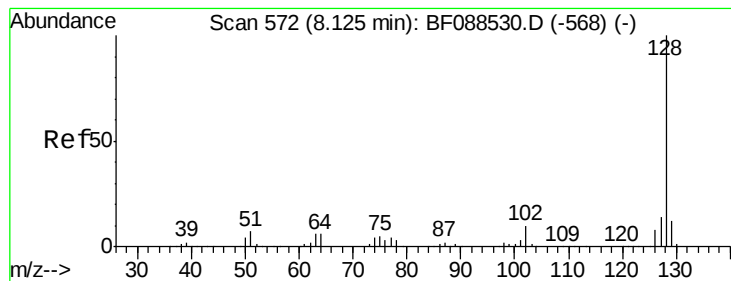


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.68 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

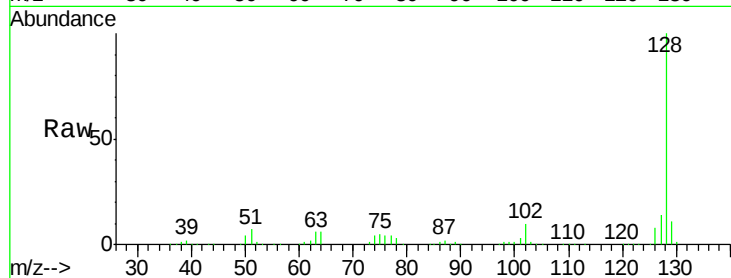
Tgt Ion:128 Resp: 998481

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

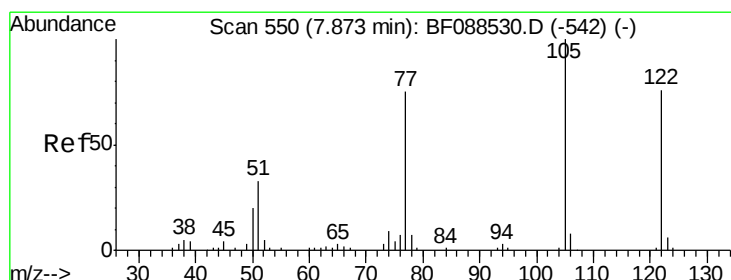
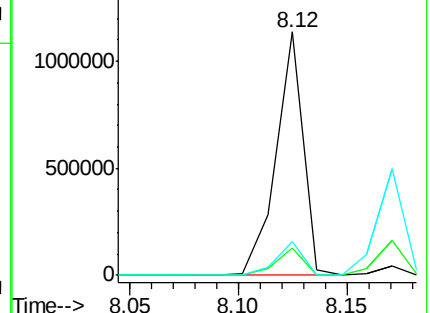
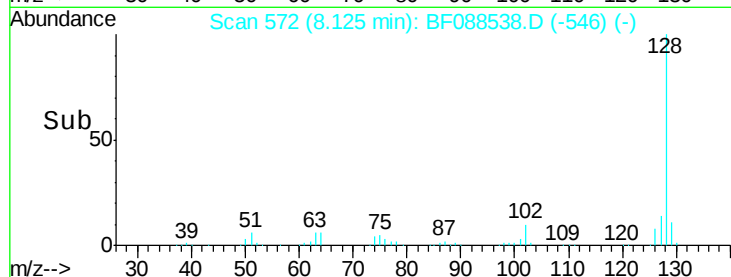
127 13.7 10.9 16.3



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: 38.92 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

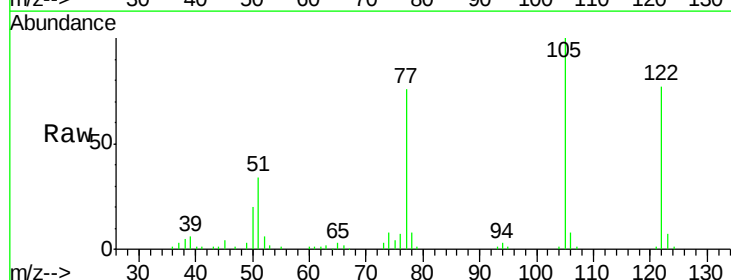
Tgt Ion:122 Resp: 236994

Ion Ratio Lower Upper

122 100

105 129.5 101.6 141.6

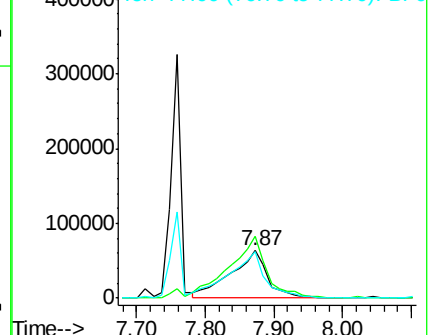
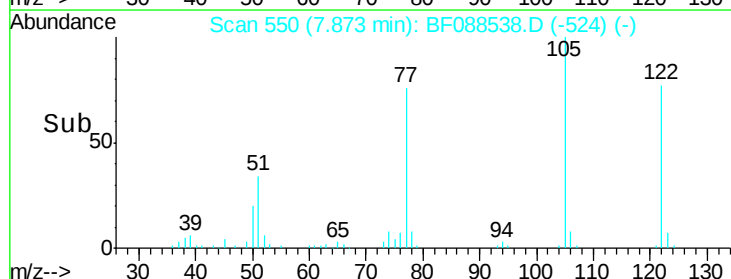
77 98.7 70.6 110.6

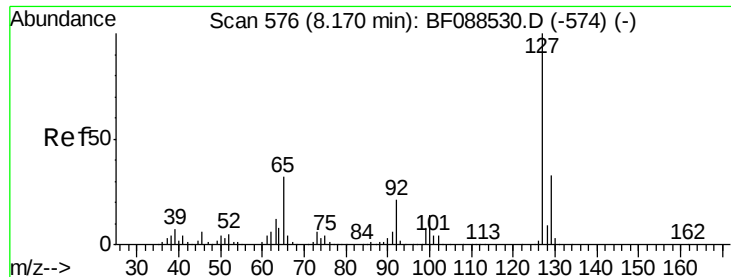


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

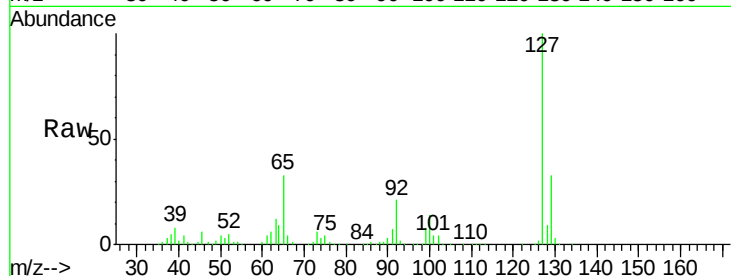




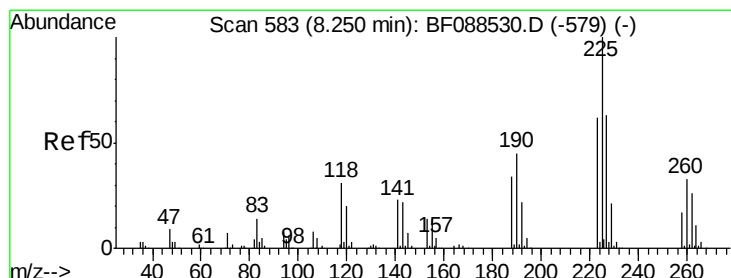
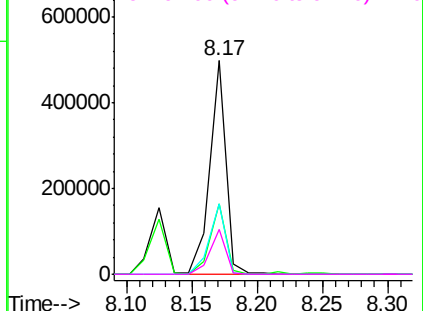
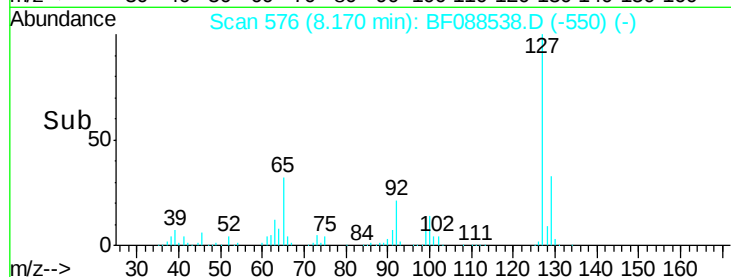
#33
4-Chloroaniline
Concen: 38.22 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	427891
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	32.8	24.7	37.1
92	21.1	15.4	23.0

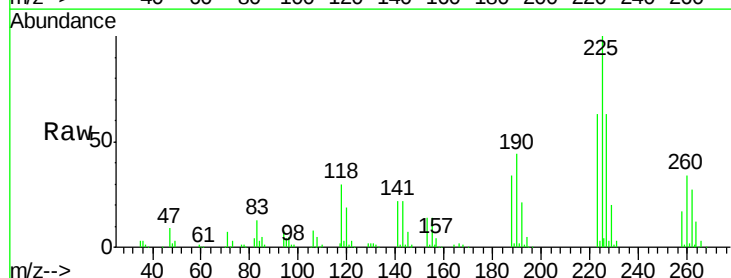


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

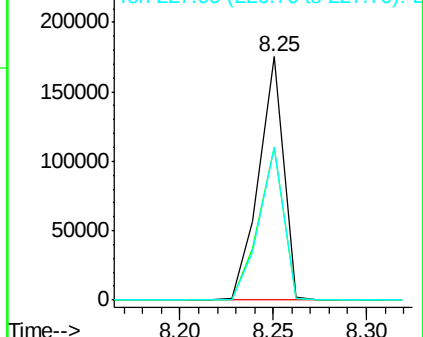
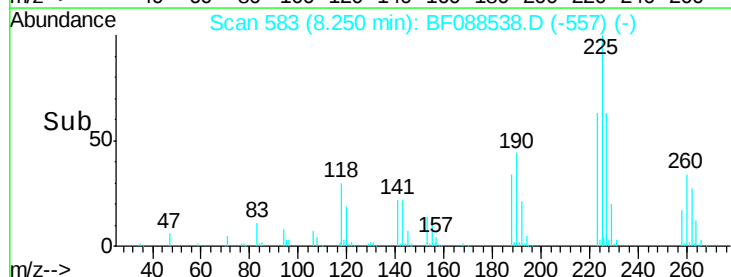


#34
Hexachlorobutadiene
Concen: 40.50 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:	225	Resp:	161312
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.0	51.9	77.9



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

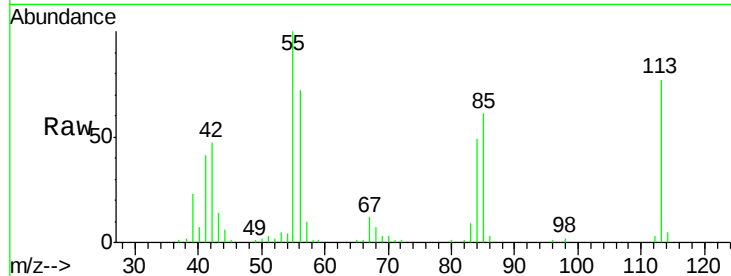




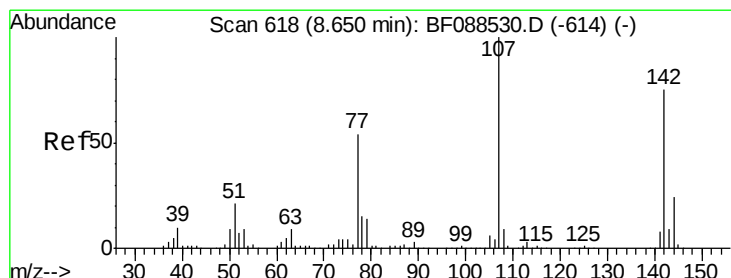
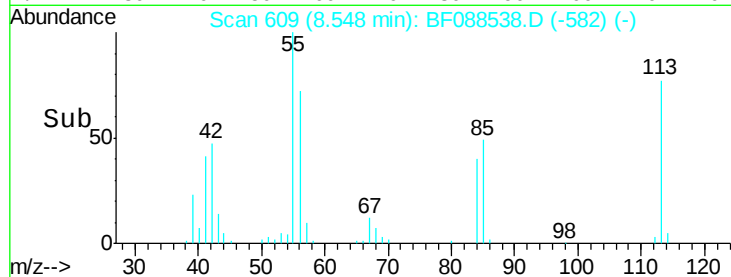
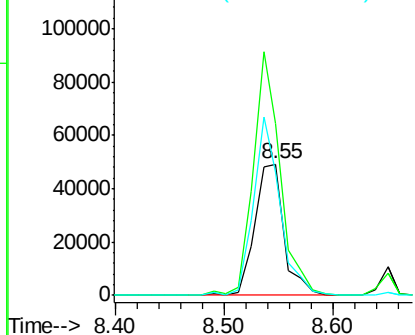
#35
 Caprolactam
 Concen: 40.49 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 93219
 Ion Ratio Lower Upper
 113 100
 55 130.5 158.6 198.6#
 56 93.9 110.6 150.6#

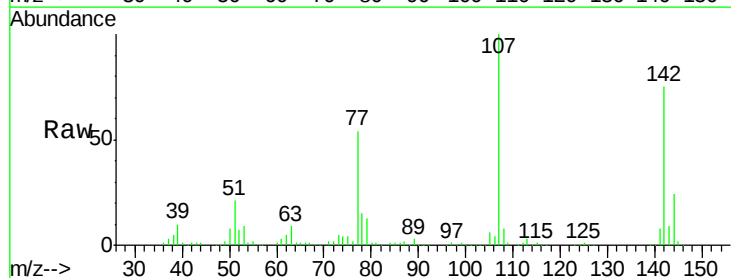


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

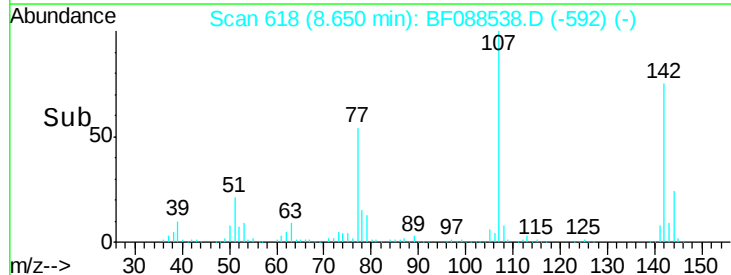
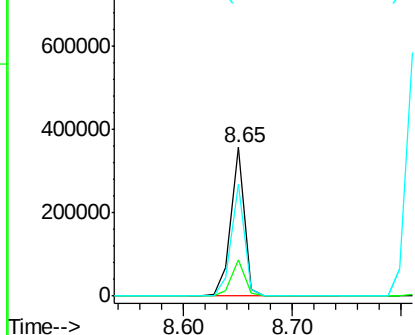


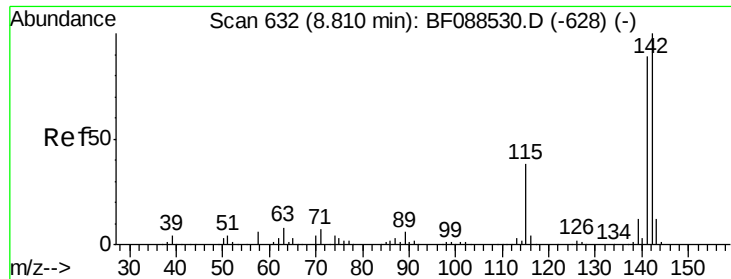
#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:107 Resp: 307169
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 75.4 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

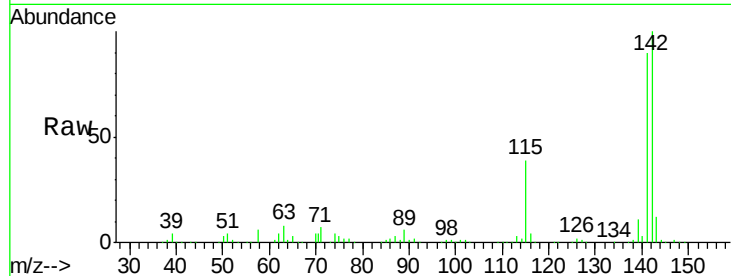




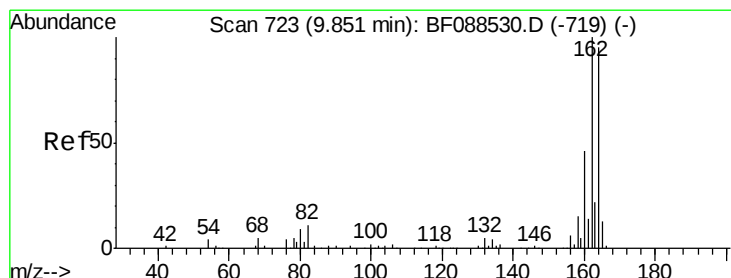
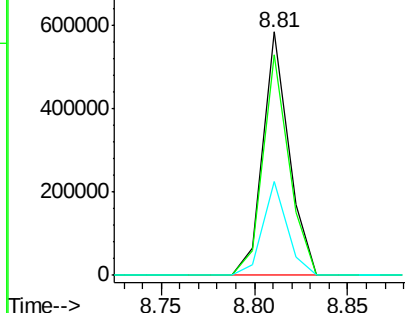
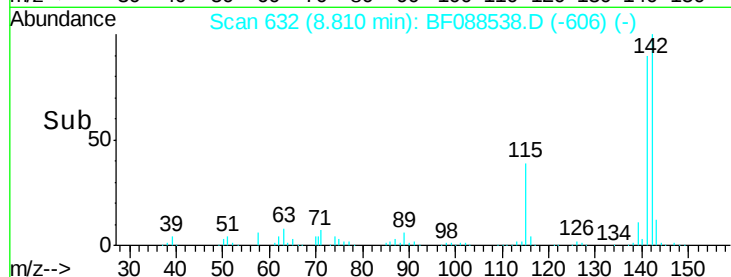
#37
 2-Methylnaphthalene
 Concen: 34.79 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 563588
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 38.7 22.6 33.8#

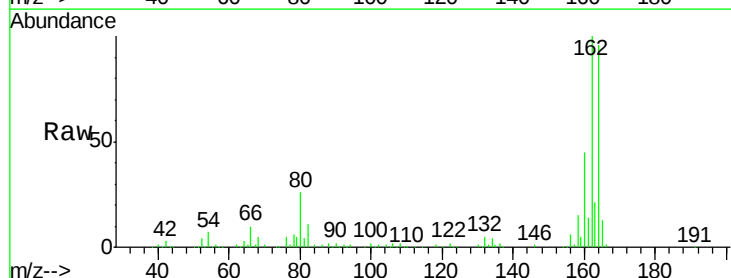


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

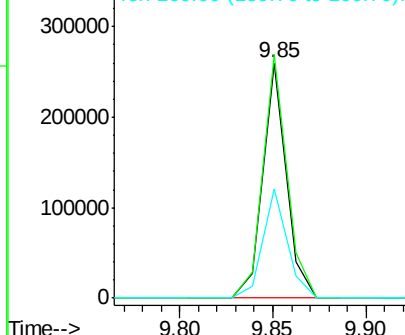
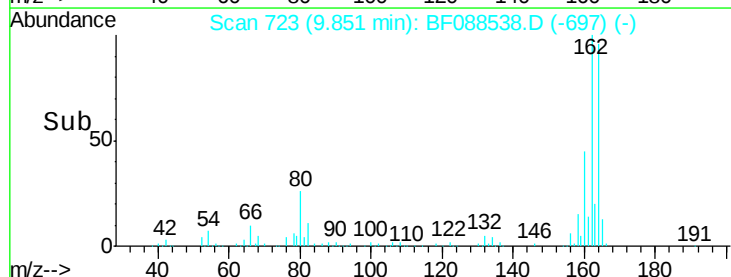


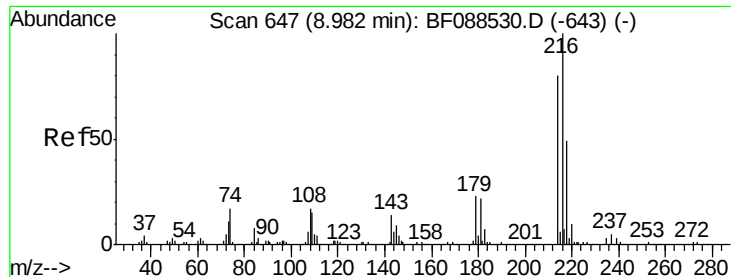
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:164 Resp: 225463
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 46.5 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: 41.56 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 311648

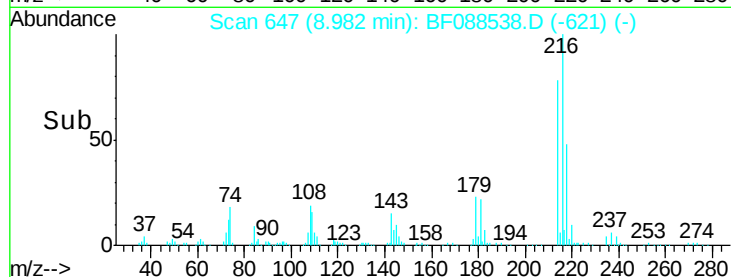
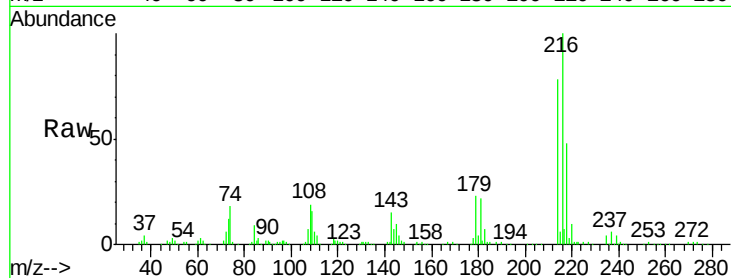
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 23.5 0.0 0.0#

108 23.0 0.5 0.7#

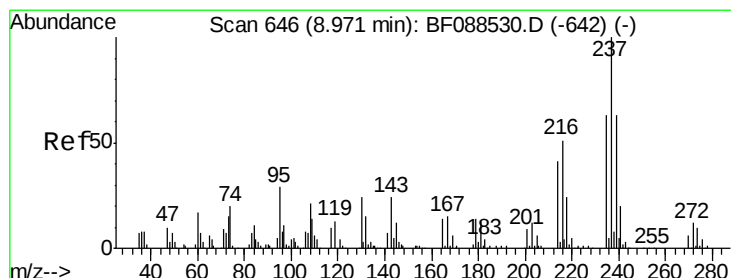
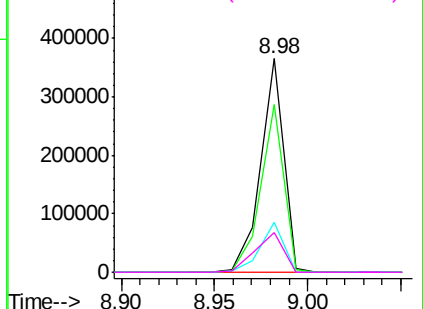


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.24 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

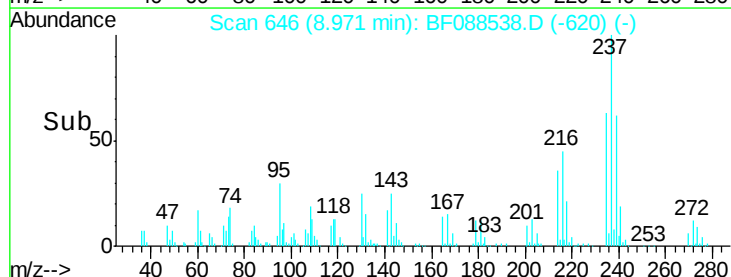
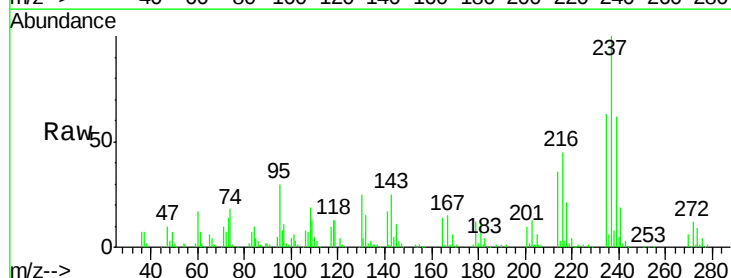
Tgt Ion:237 Resp: 144441

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

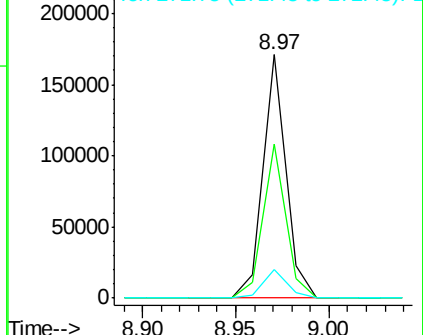
272 11.7 0.0 32.3

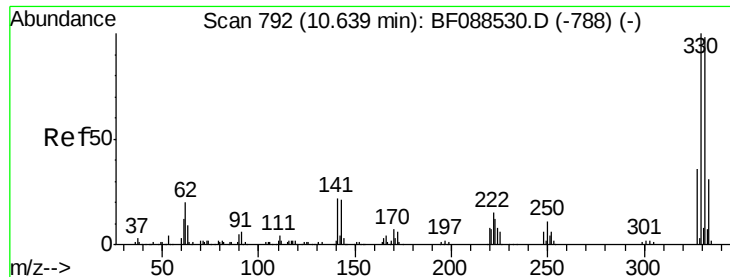


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

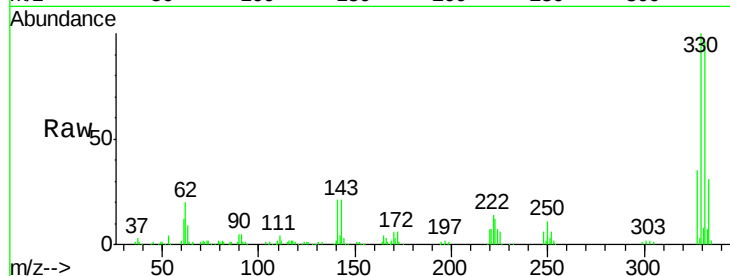




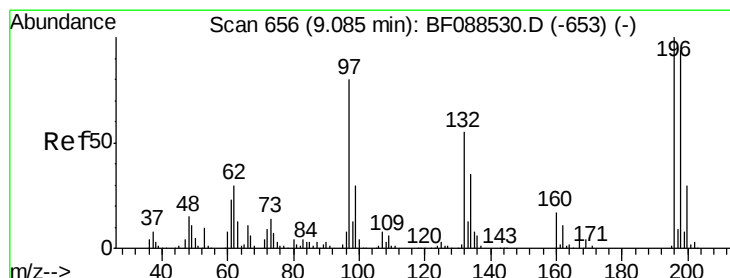
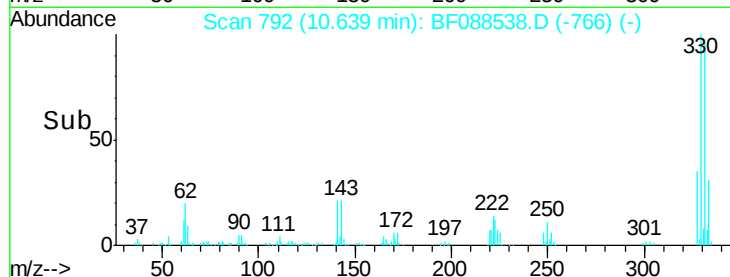
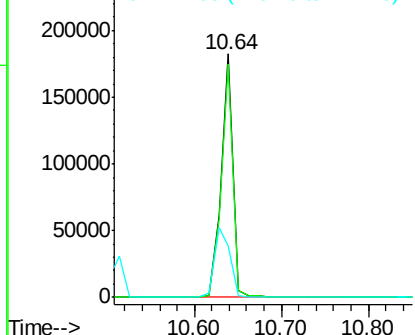
#41
 2,4,6-Tribromophenol
 Concen: 84.05 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 175973
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 37.5 0.0 0.0#

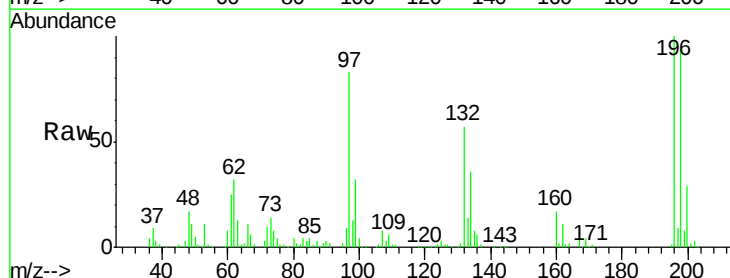


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

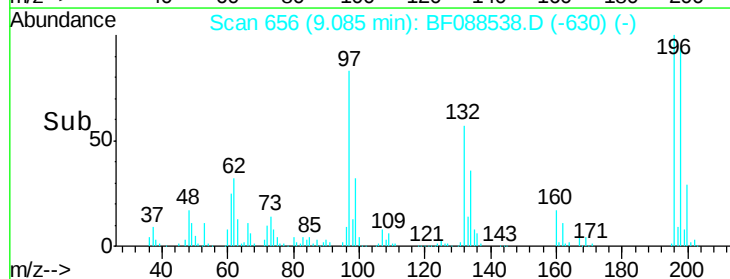
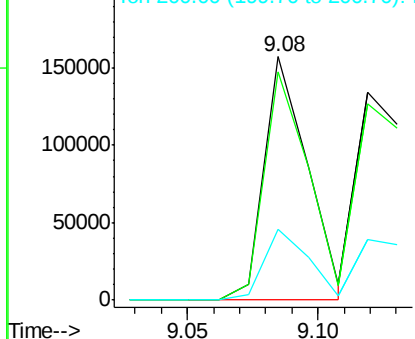


#42
 2,4,6-Trichlorophenol
 Concen: 36.50 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:196 Resp: 180460
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.0 117.0
 200 29.0 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

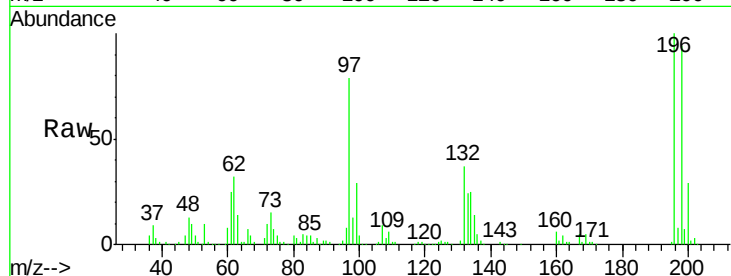




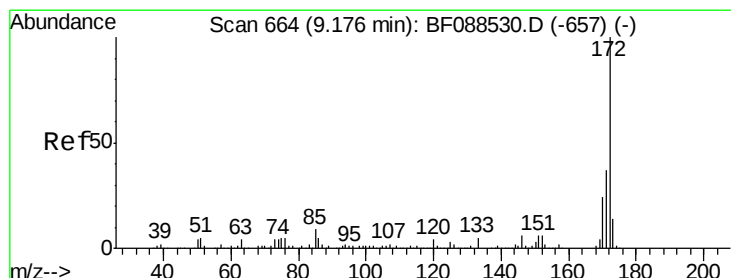
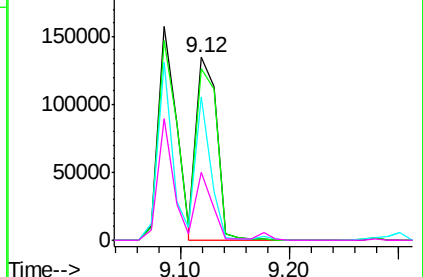
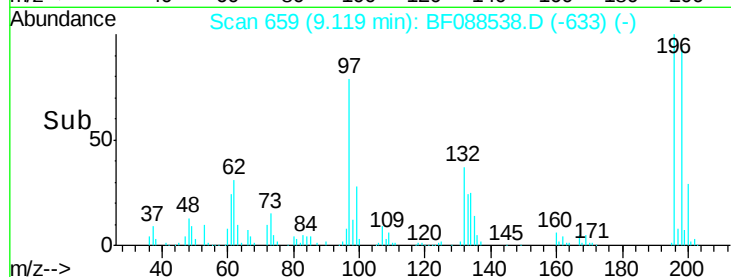
#43
 2,4,5-Trichlorophenol
 Concen: 41.37 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 175970
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.5 116.3
 97 78.7 32.0 48.0#
 132 37.4 20.9 31.3#

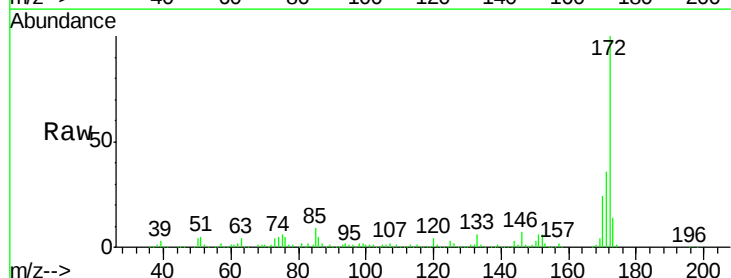


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

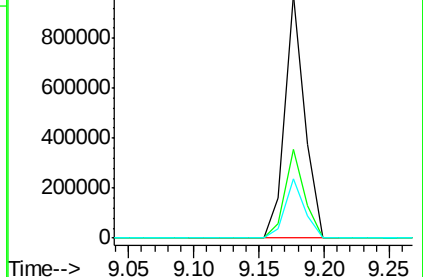
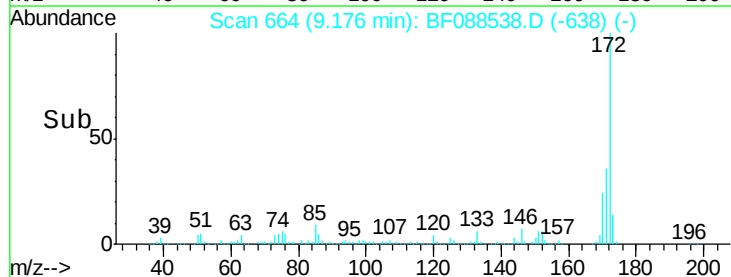


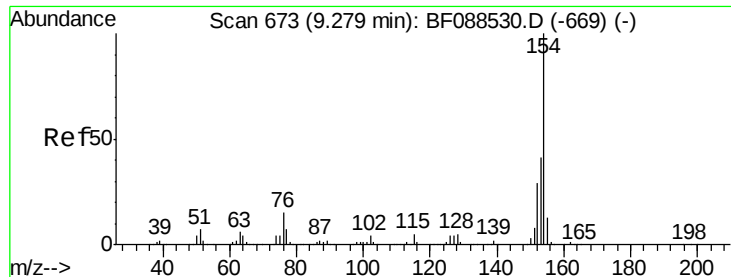
#44
 2-Fluorobiphenyl
 Concen: 72.74 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:172 Resp: 1038213
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.5 19.2 28.8



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

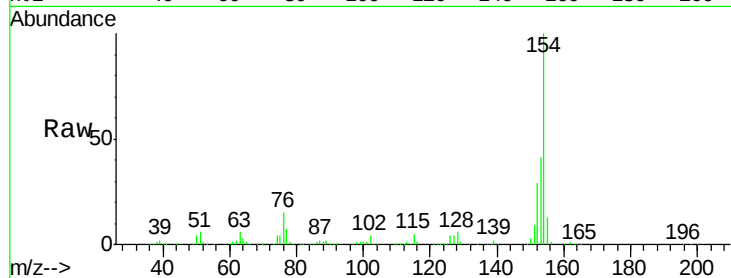




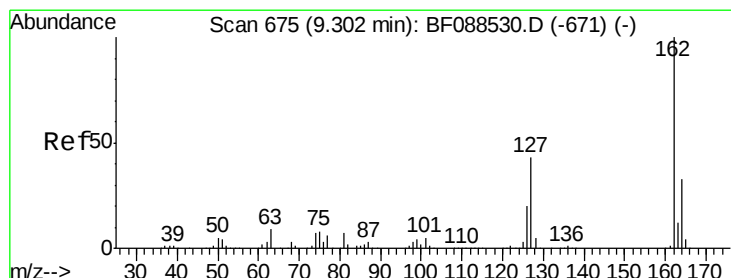
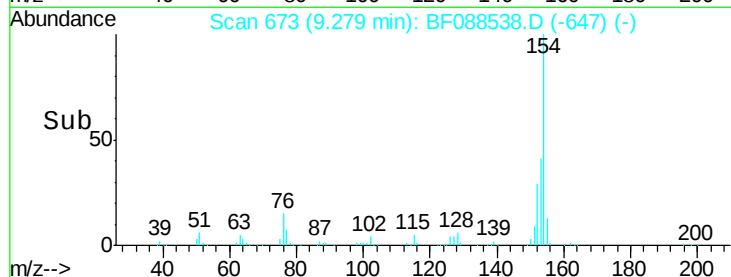
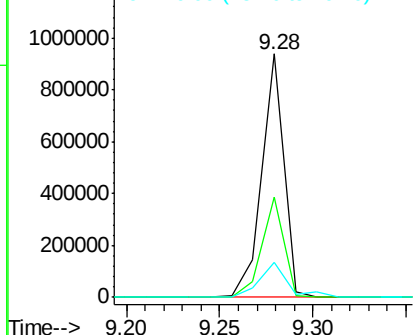
#45
 1,1'-Biphenyl
 Concen: 40.90 ng
 RT: 9.28 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 763524
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.6 60.6
 76 14.6 0.0 35.1

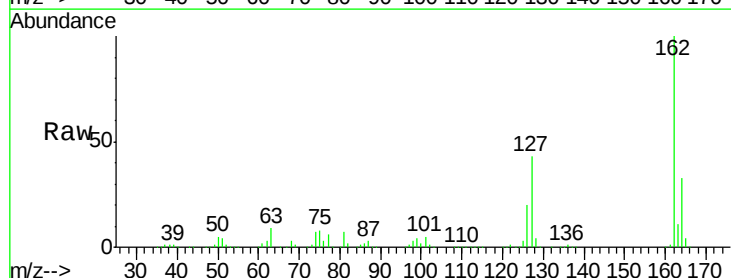


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

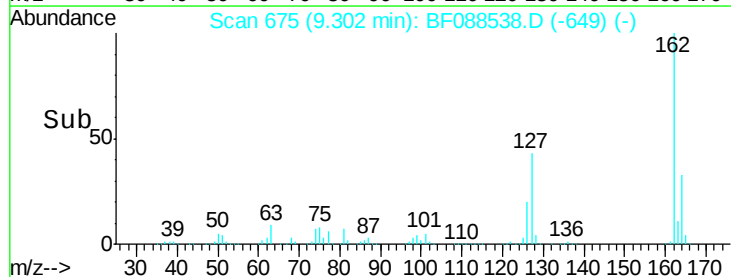
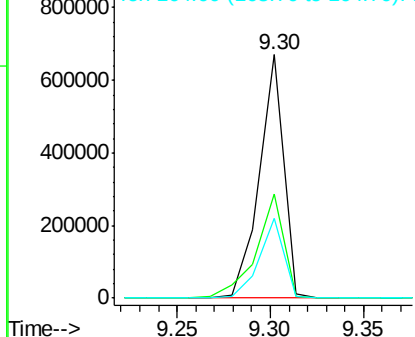


#46
 2-Chloronaphthalene
 Concen: 41.29 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:162 Resp: 605113
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.2 52.8
 164 33.0 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

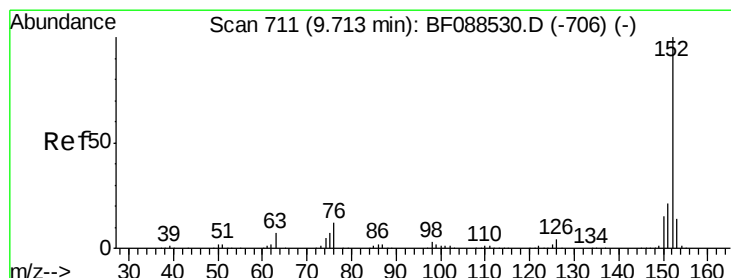
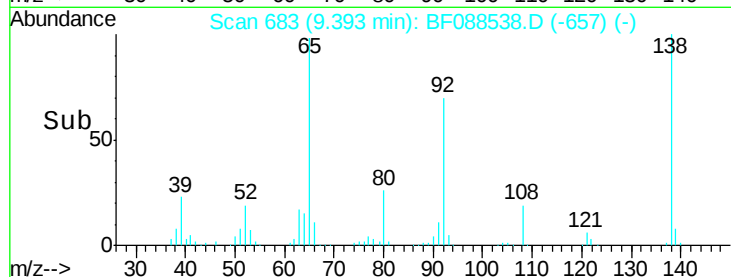
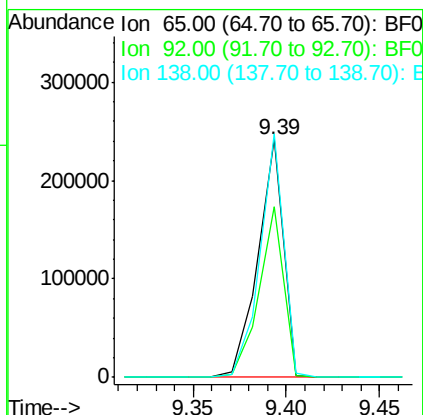
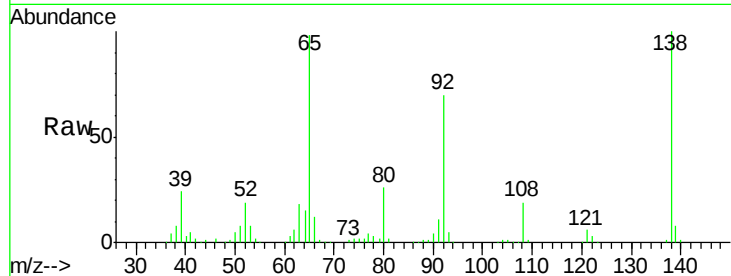




#47
2-Nitroaniline
Concen: 43.71 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

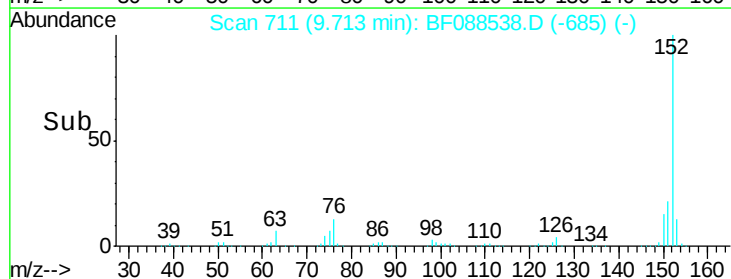
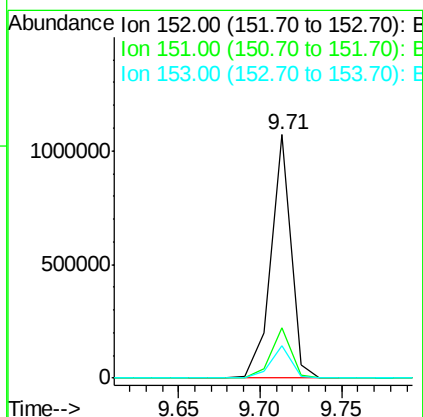
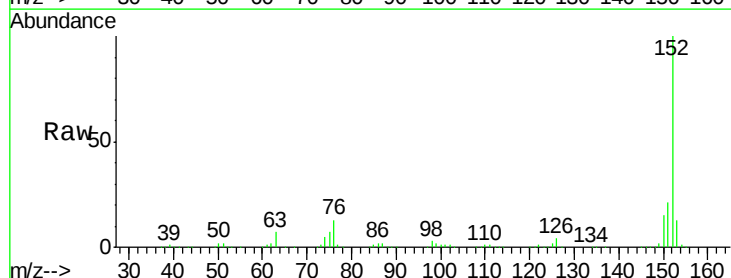
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

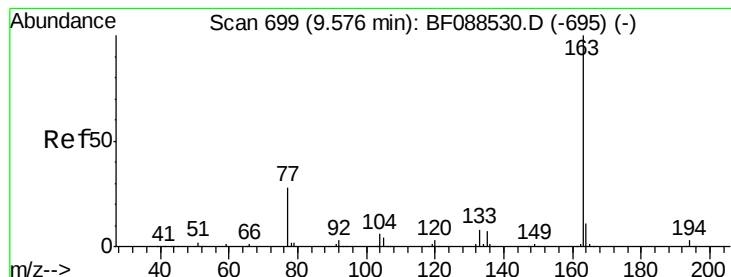
Tgt Ion: 65 Resp: 227376
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 102.3 77.0 115.4



#48
Acenaphthylene
Concen: 39.37 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion: 152 Resp: 918093
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.4 11.0 16.6





#49

Dimethylphthalate

Concen: 36.89 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

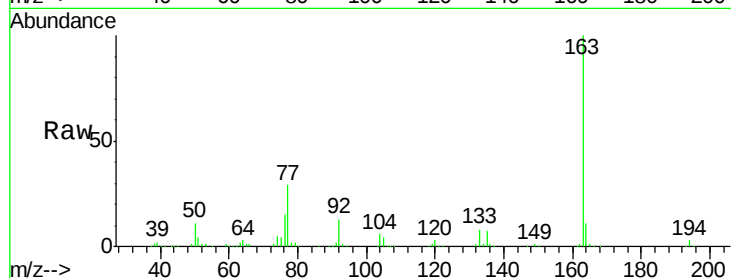
Tgt Ion:163 Resp: 592511

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

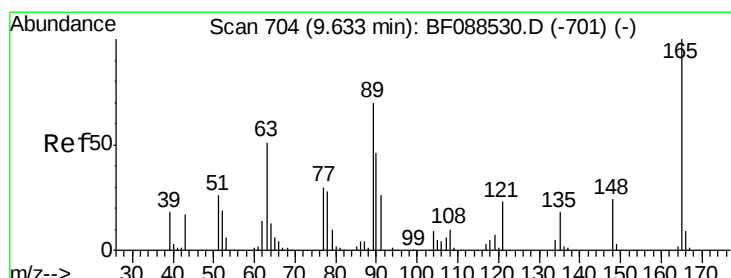
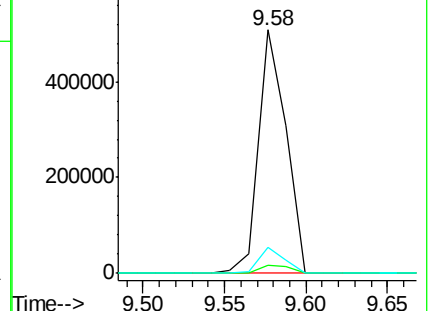
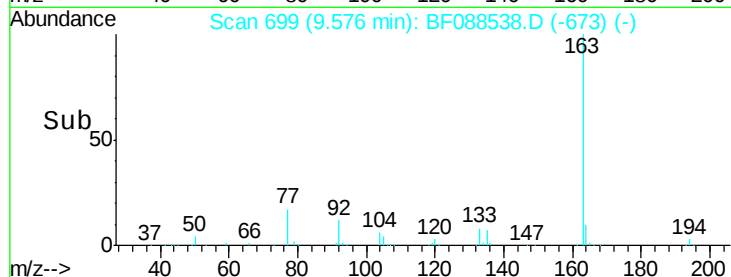
164 10.8 8.3 12.5



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: 37.09 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

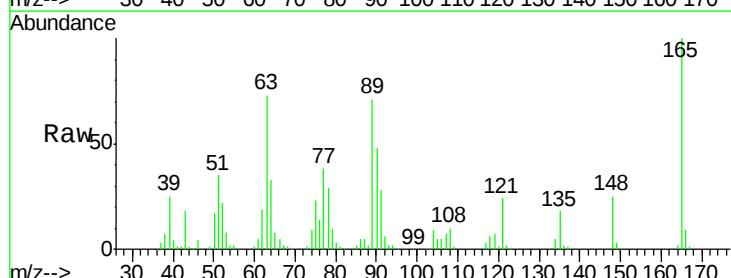
Tgt Ion:165 Resp: 132032

Ion Ratio Lower Upper

165 100

63 72.9 28.1 42.1#

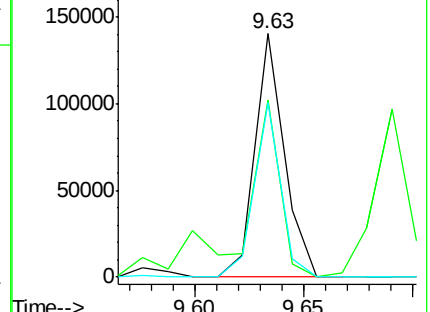
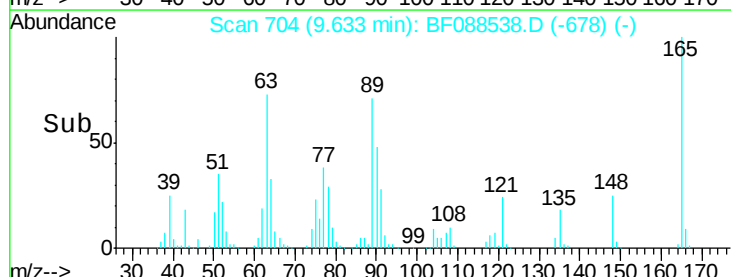
89 71.5 32.2 48.2#

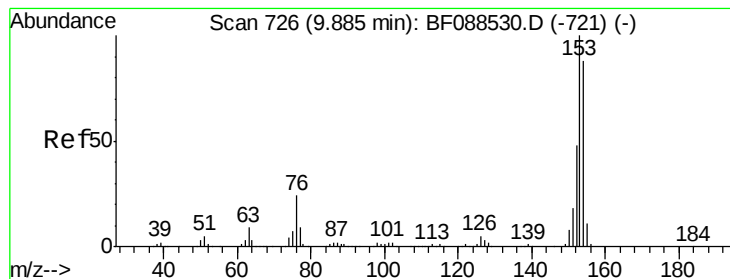


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.69 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

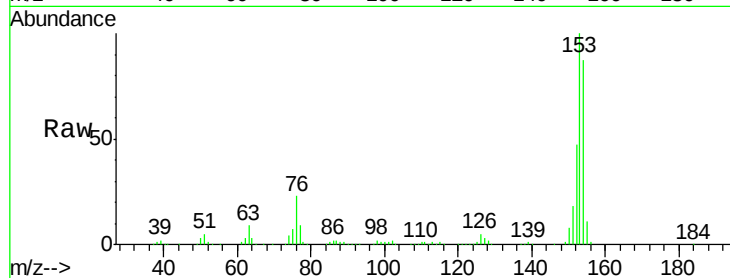
Tgt Ion:154 Resp: 538741

Ion Ratio Lower Upper

154 100

153 115.1 89.5 134.3

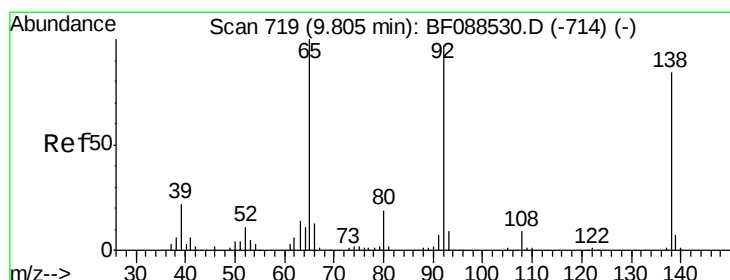
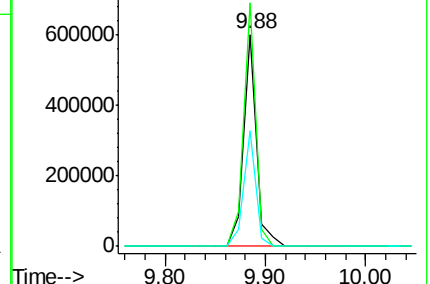
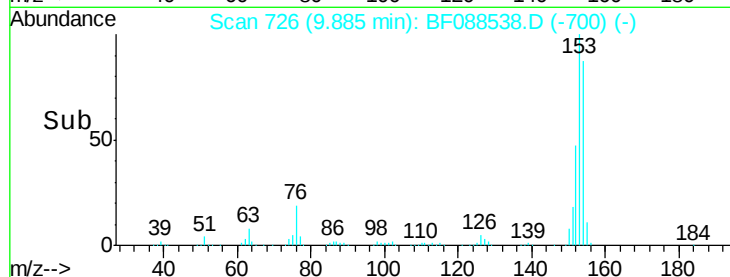
152 54.6 42.7 64.1



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: 44.67 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

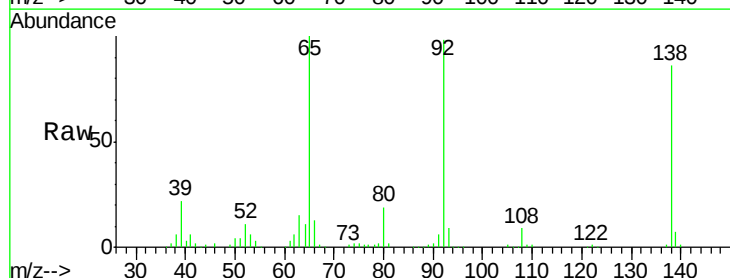
Tgt Ion:138 Resp: 202172

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

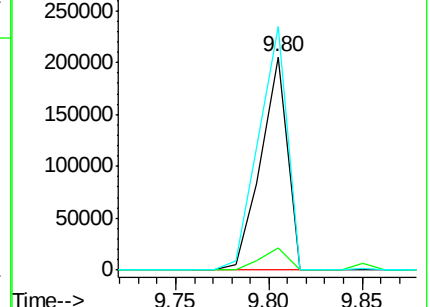
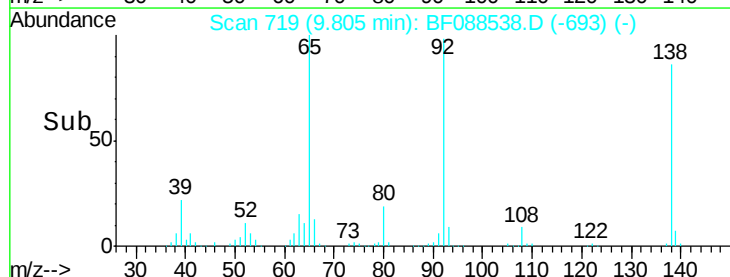
92 114.1 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

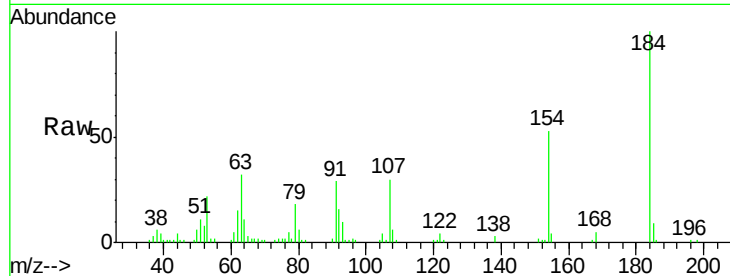




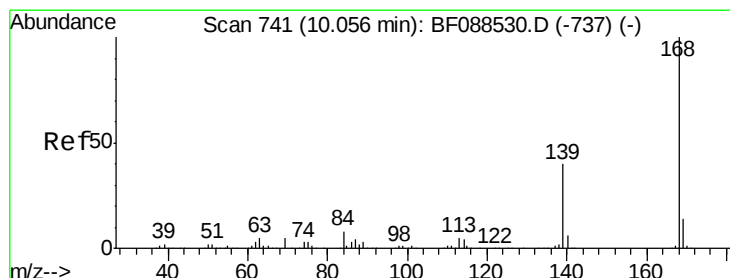
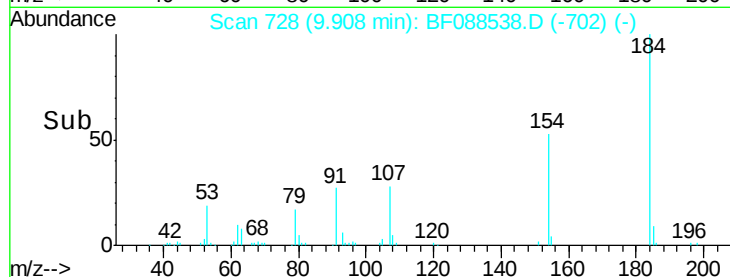
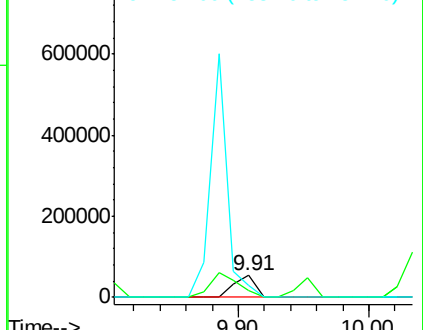
#53
2,4-Dinitrophenol
Concen: 39.14 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 61518
Ion Ratio Lower Upper
184 100
63 31.7 57.6 86.4#
154 52.6 53.5 80.3#

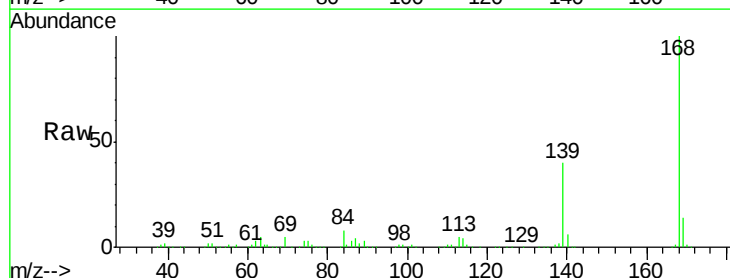


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

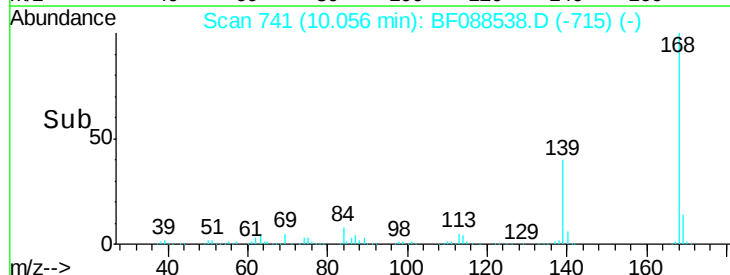
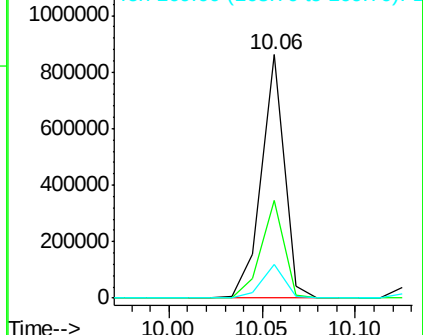


#54
Dibenzofuran
Concen: 39.09 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:168 Resp: 731345
Ion Ratio Lower Upper
168 100
139 39.9 26.4 39.6#
169 13.8 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: 42.89 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

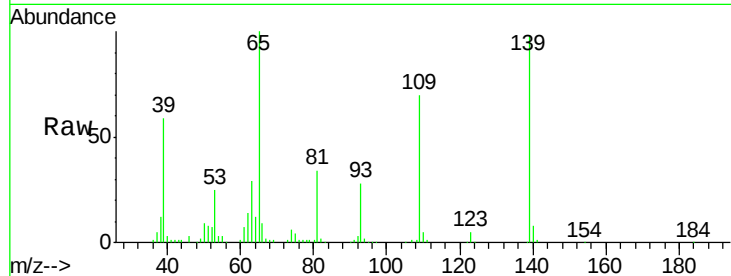
Tgt Ion:139 Resp: 147494

Ion Ratio Lower Upper

139 100

109 71.6 48.9 88.9

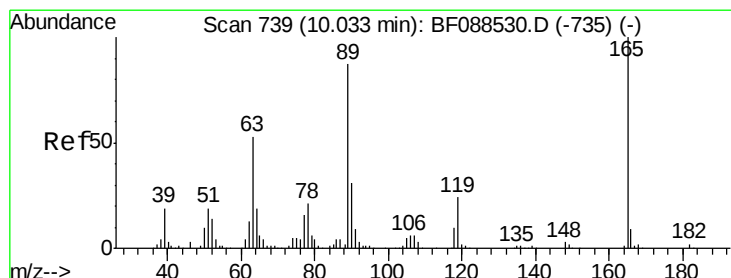
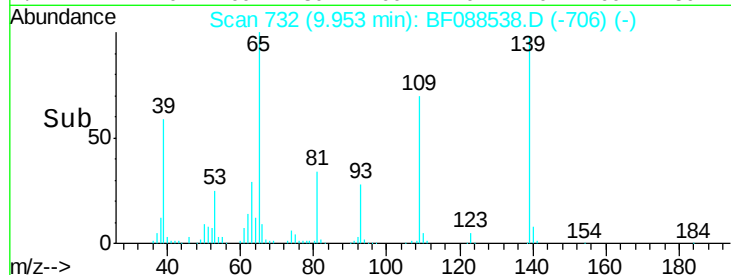
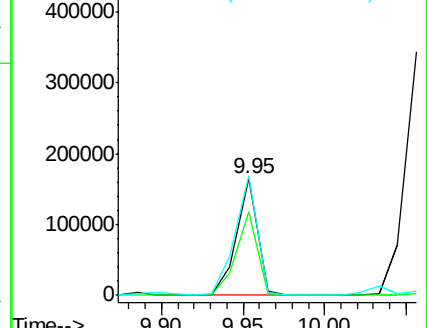
65 102.5 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.25 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:165 Resp: 182714

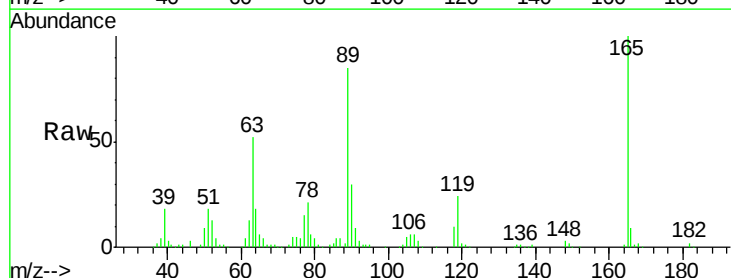
Ion Ratio Lower Upper

165 100

63 51.7 22.0 33.0#

89 85.2 41.1 61.7#

182 2.3 2.0 3.0

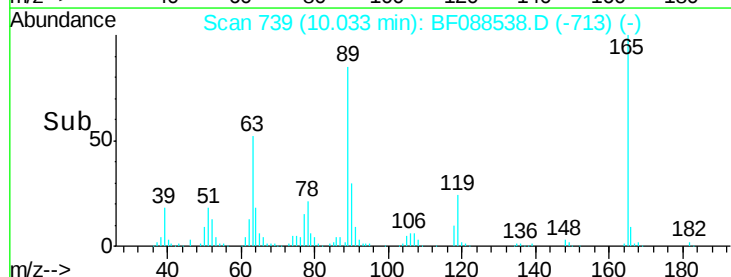
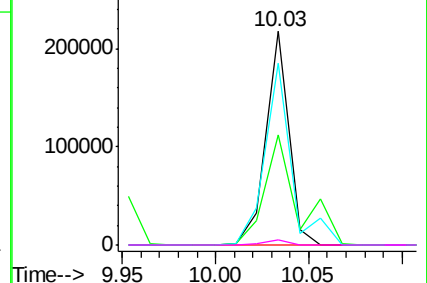


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

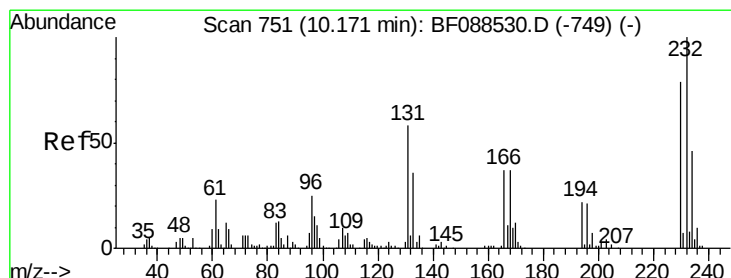
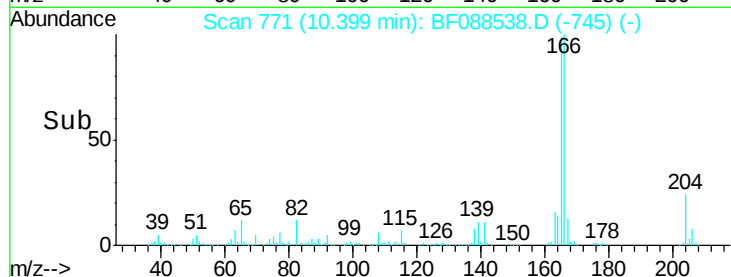
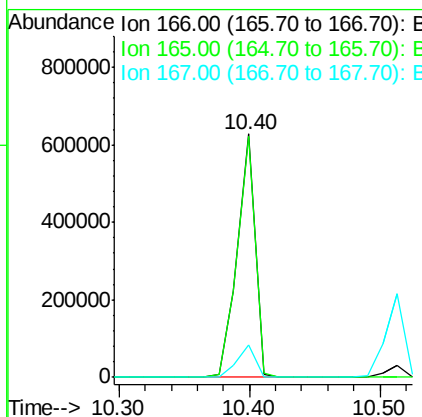
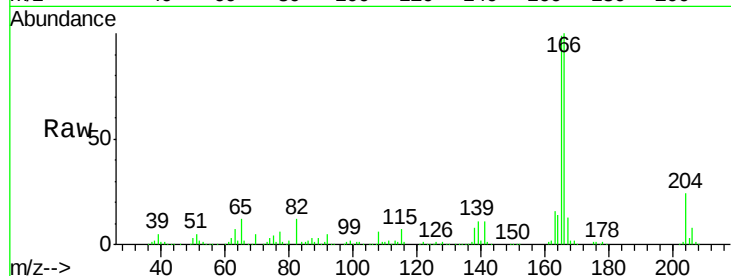




#57
 Fluorene
 Concen: 41.40 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

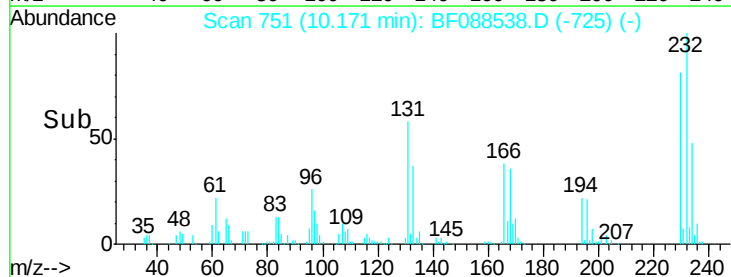
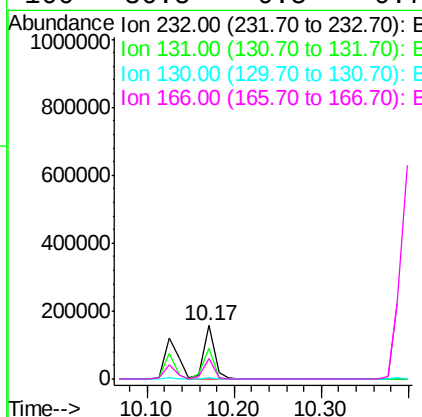
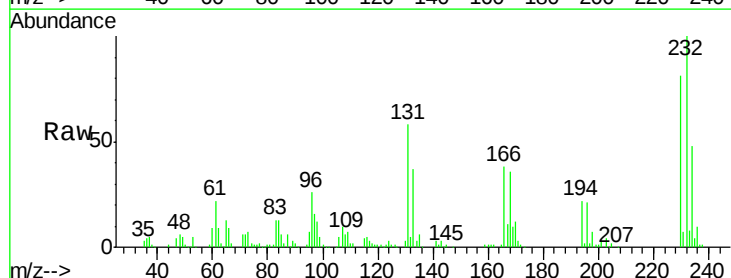
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

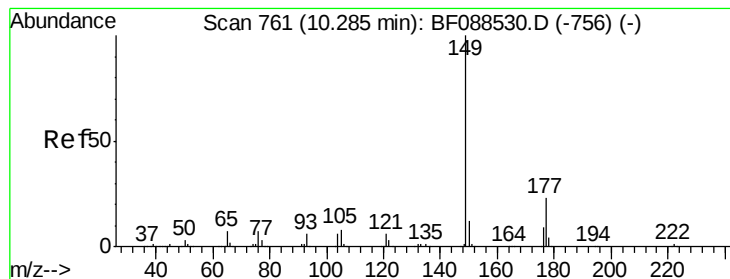
Tgt Ion:166 Resp: 596961
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.4 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.20 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:232 Resp: 135583
 Ion Ratio Lower Upper
 232 100
 131 57.0 0.9 1.3#
 130 2.7 1.5 2.3#
 166 36.5 0.5 0.7#





#59

Diethylphthalate

Concen: 40.01 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

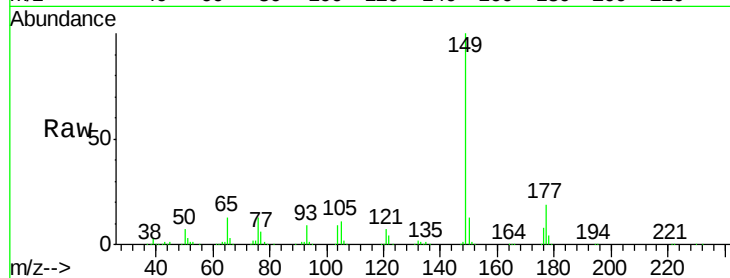
Tgt Ion:149 Resp: 645047

Ion Ratio Lower Upper

149 100

177 19.4 16.9 25.3

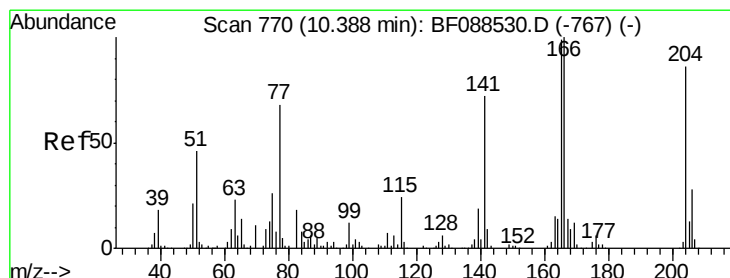
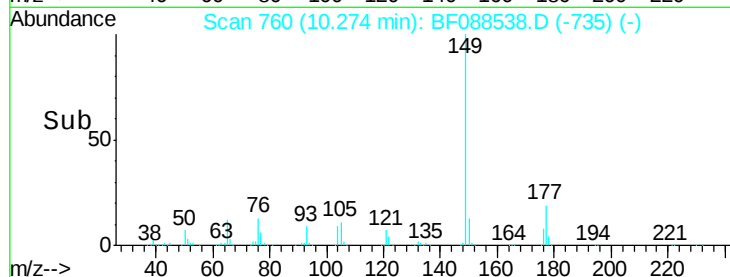
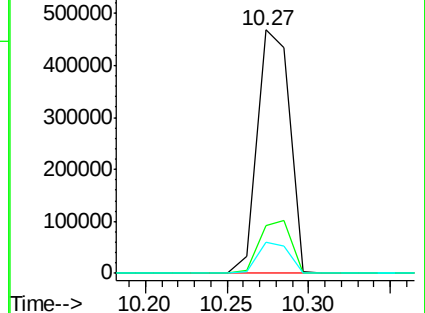
150 13.0 10.1 15.1



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: 36.22 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

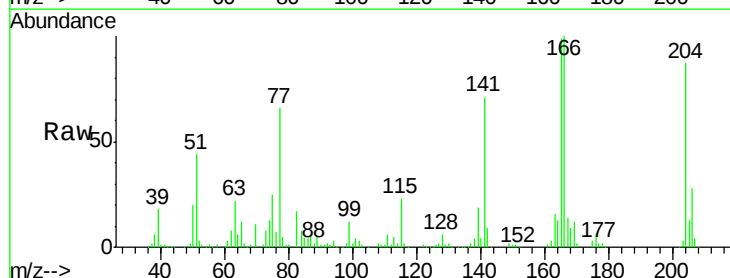
Tgt Ion:204 Resp: 242671

Ion Ratio Lower Upper

204 100

206 31.8 26.3 39.5

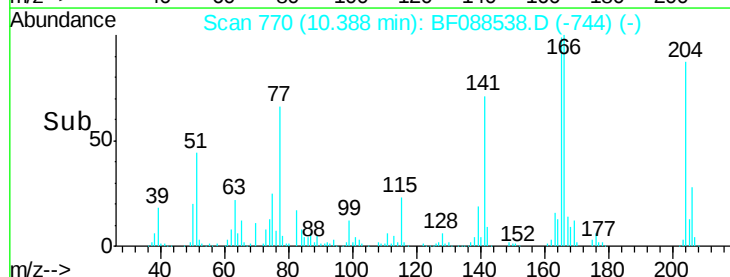
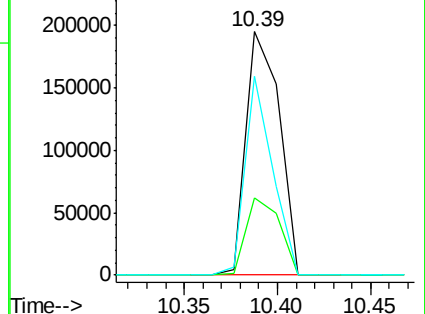
141 81.4 55.0 82.6

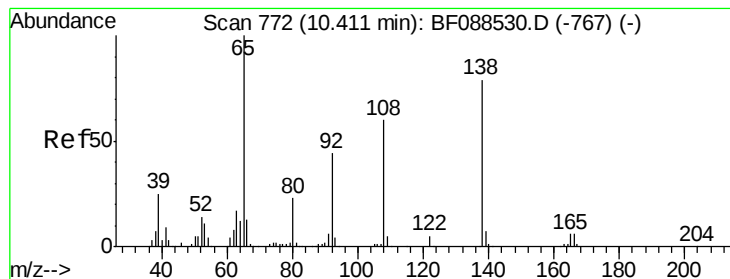


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.19 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

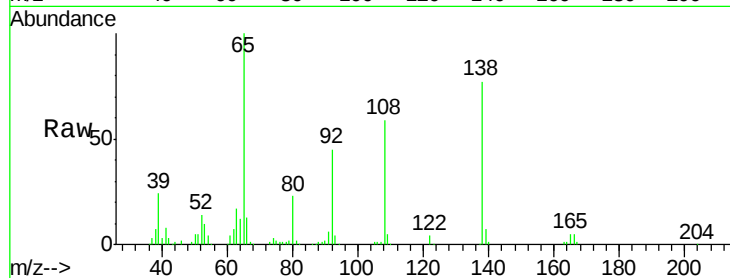
Tgt Ion:138 Resp: 157617

Ion Ratio Lower Upper

138 100

92 58.7 27.3 67.3

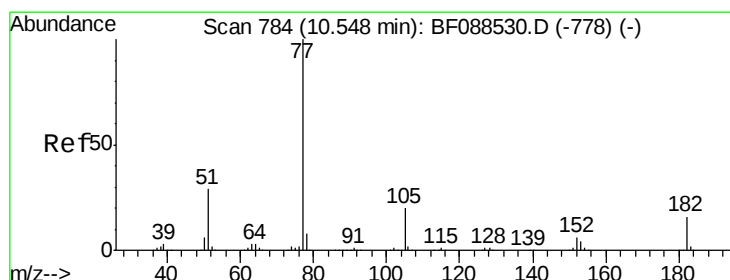
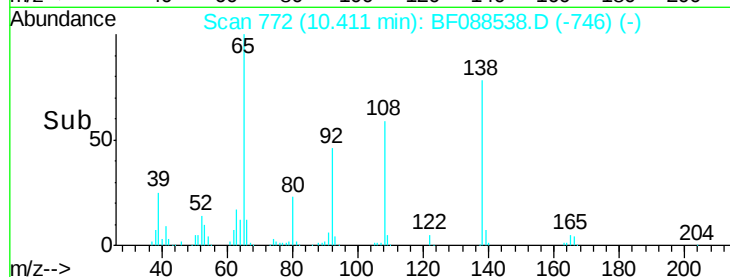
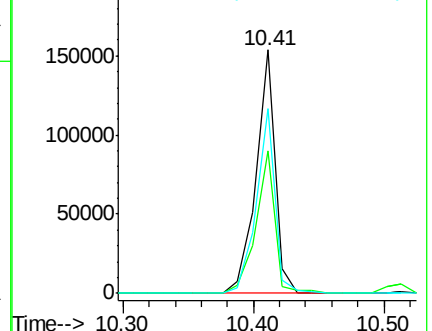
108 76.1 46.7 86.7



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: 38.06 ng

RT: 10.55 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion: 77 Resp: 699860

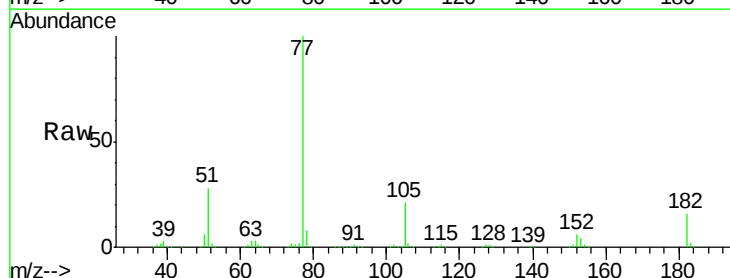
Ion Ratio Lower Upper

77 100

182 15.9 4.4 44.4

105 21.0 3.8 43.8

51 28.4 9.3 49.3

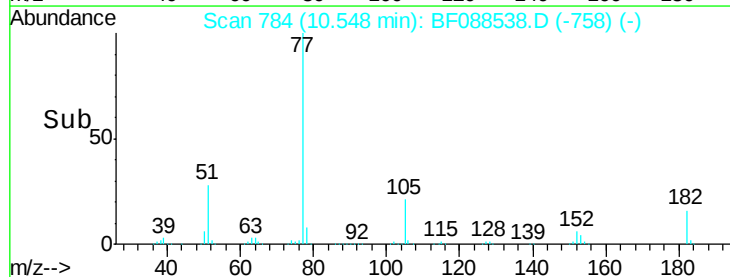
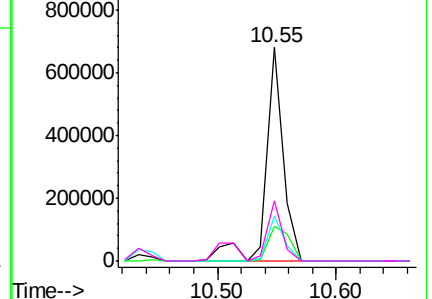


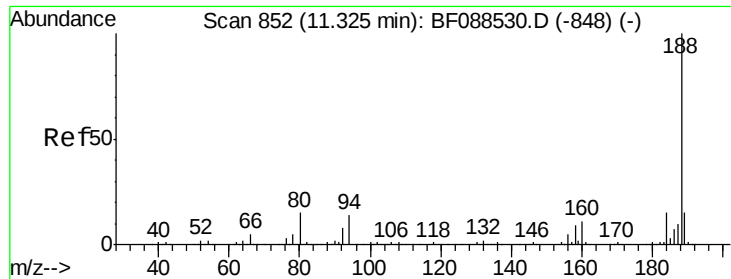
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

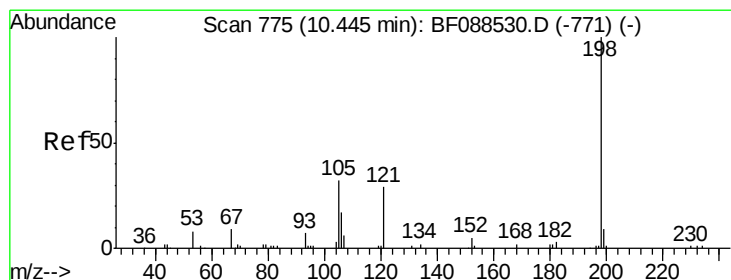
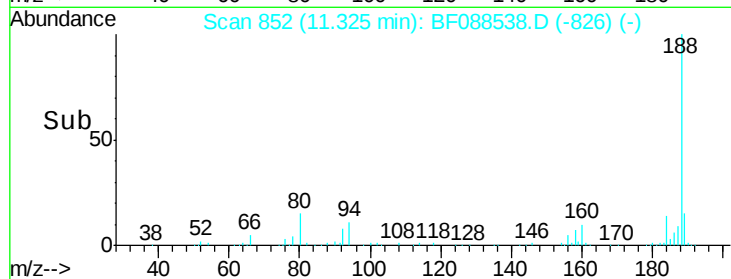
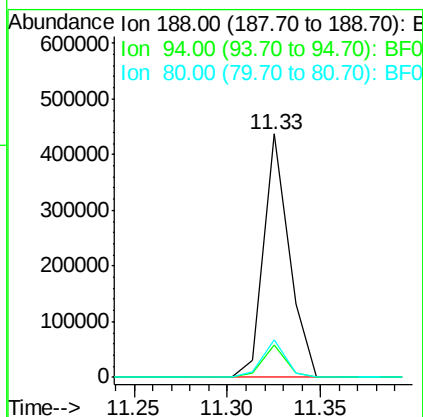
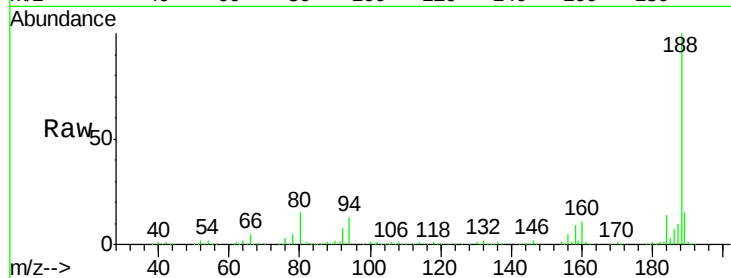




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

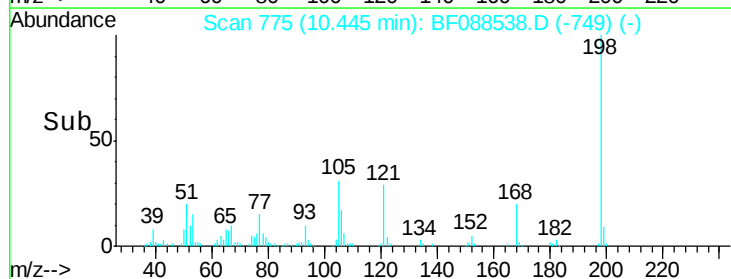
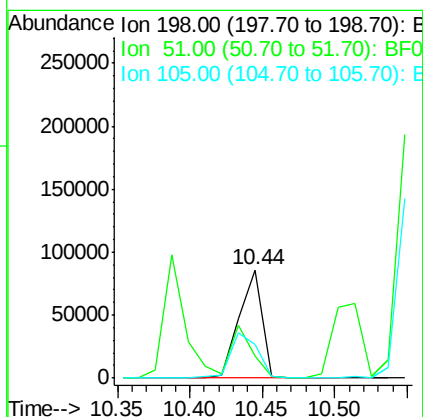
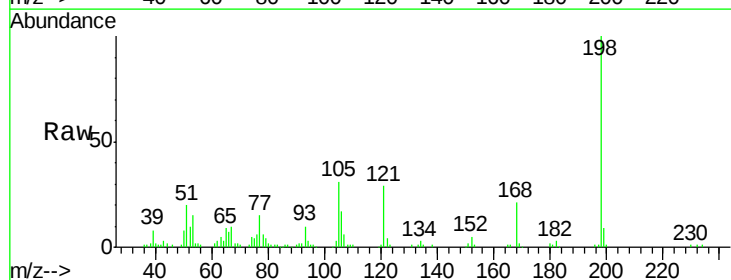
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

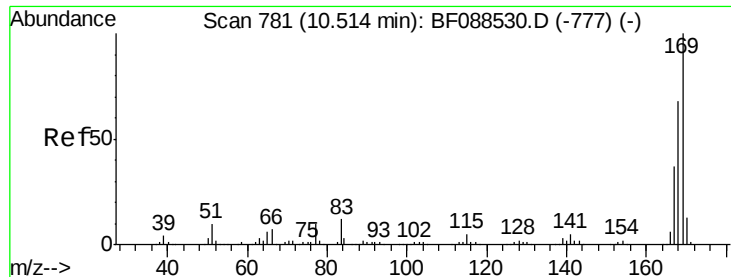
Tgt Ion:188 Resp: 413111
Ion Ratio Lower Upper
188 100
94 13.5 9.0 13.6
80 15.3 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.44 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:198 Resp: 93784
Ion Ratio Lower Upper
198 100
51 20.4 39.6 79.6#
105 31.5 36.6 76.6#

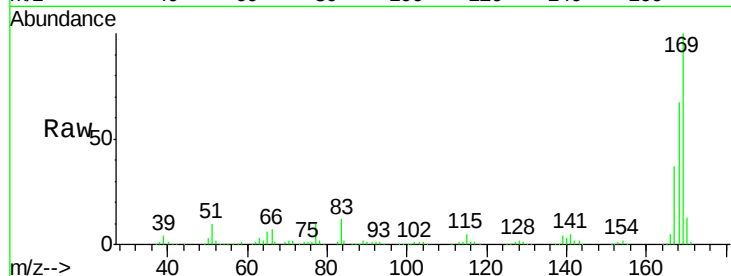




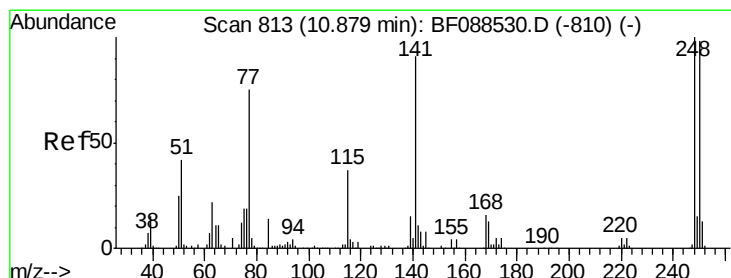
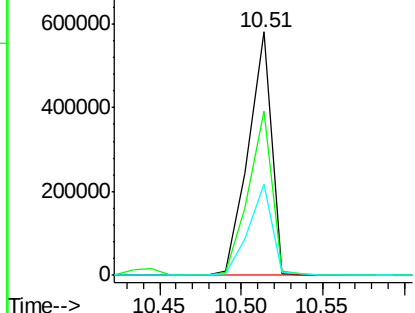
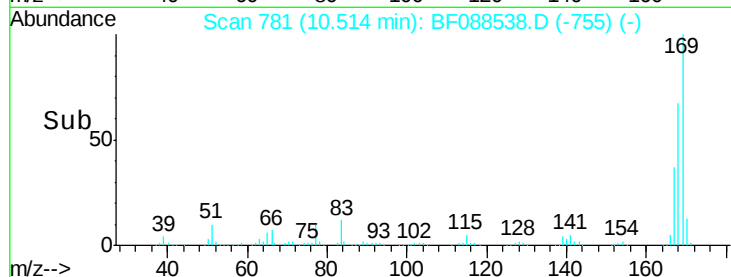
#65
 n-Nitrosodiphenylamine
 Concen: 41.20 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 576029
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 37.3 29.4 44.0

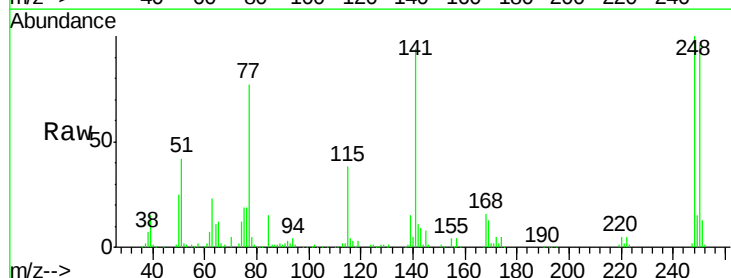


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

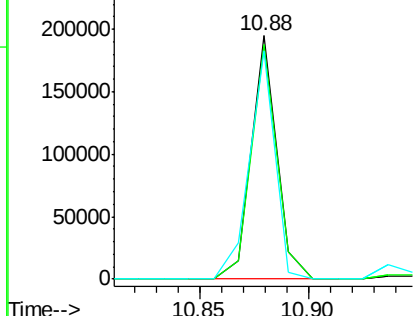
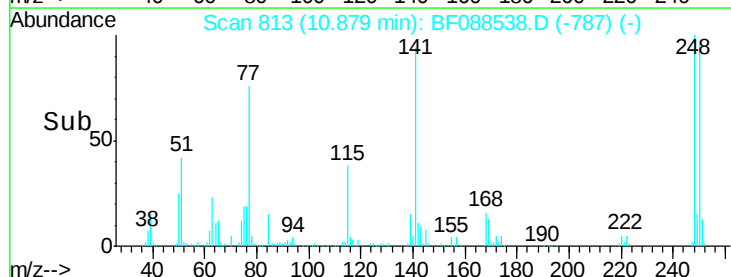


#66
 4-Bromophenyl-phenylether
 Concen: 38.23 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:248 Resp: 159165
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 93.8 50.6 76.0#



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

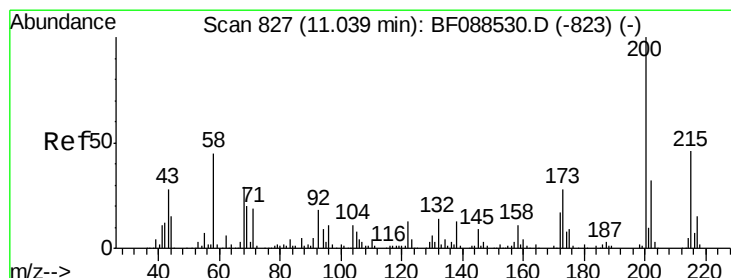
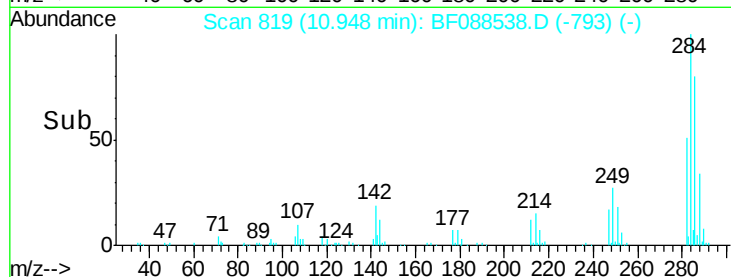
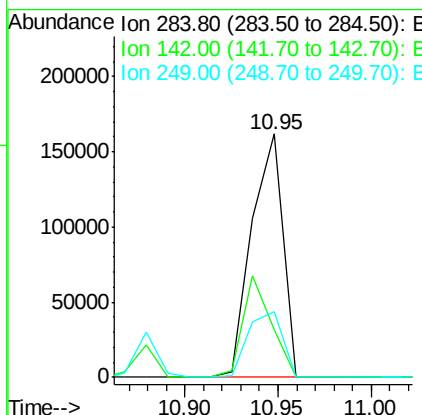
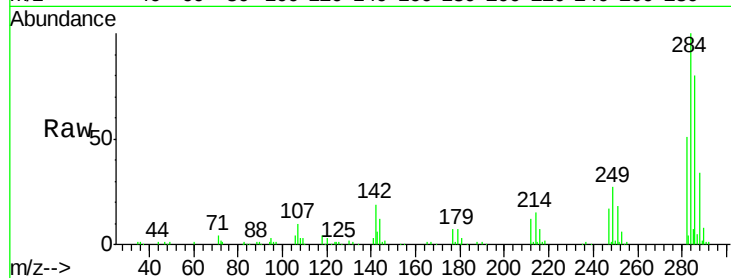




#67
Hexachlorobenzene
Concen: 40.45 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

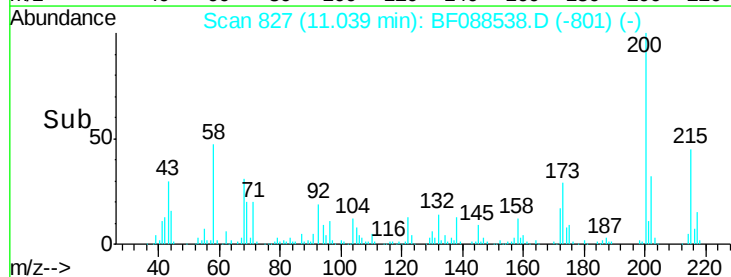
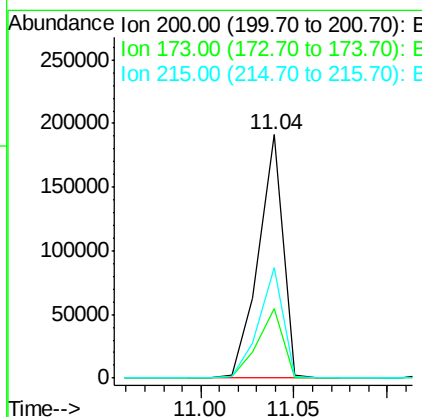
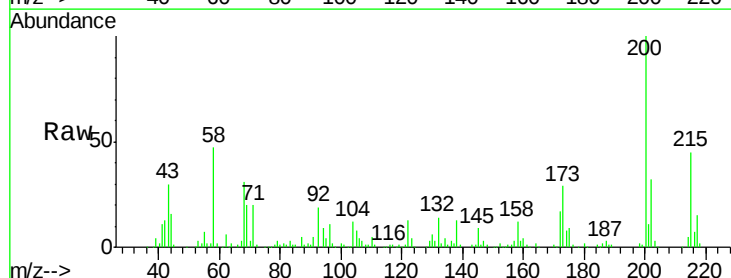
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 186395
Ion Ratio Lower Upper
284 100
142 19.5 35.8 53.8#
249 27.0 25.8 38.6



#68
Atrazine
Concen: 40.80 ng
RT: 11.04 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:200 Resp: 177771
Ion Ratio Lower Upper
200 100
173 28.8 4.0 44.0
215 45.2 29.3 69.3





#69

Pentachlorophenol

Concen: 40.89 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

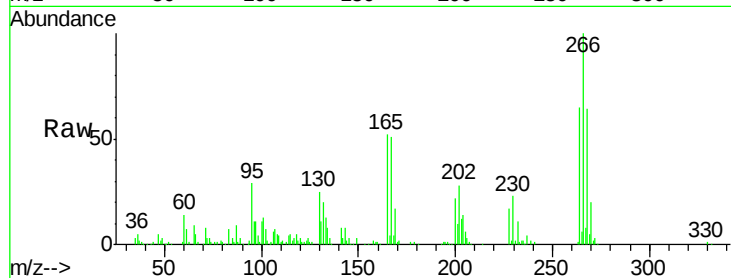
Tgt Ion:266 Resp: 111520

Ion Ratio Lower Upper

266 100

268 64.2 52.8 79.2

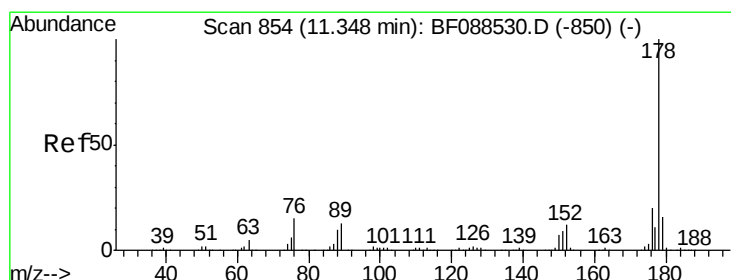
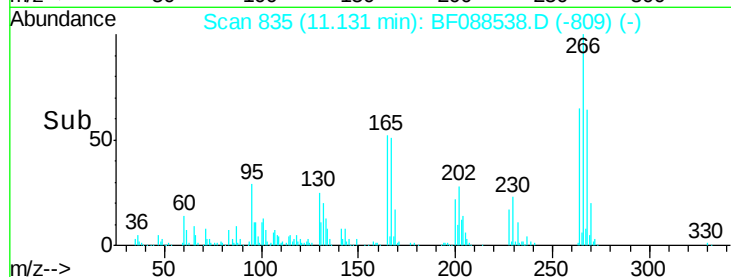
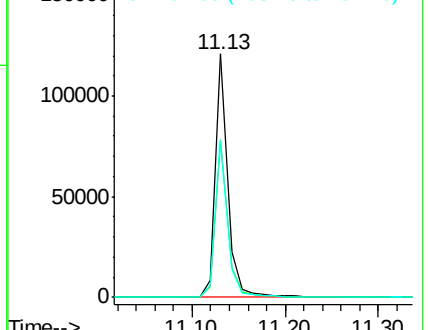
264 65.1 49.6 74.4



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: 37.22 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

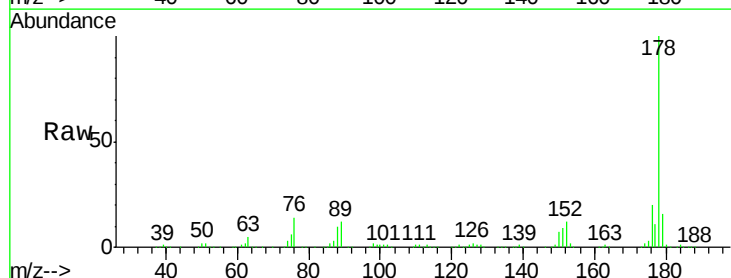
Tgt Ion:178 Resp: 840607

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

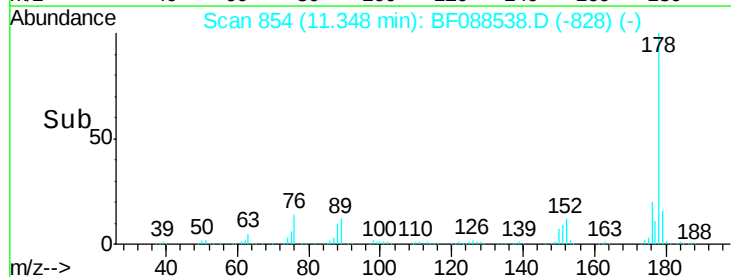
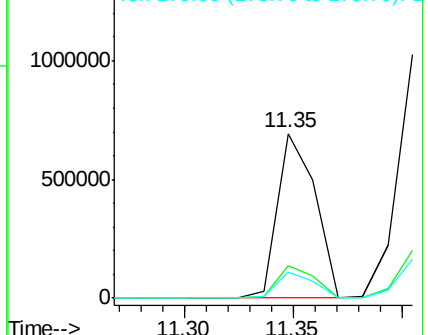
179 15.9 13.0 19.4



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

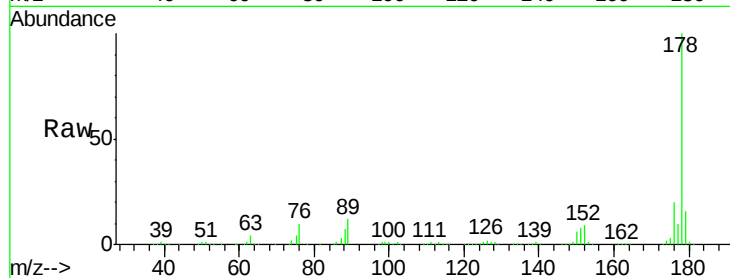




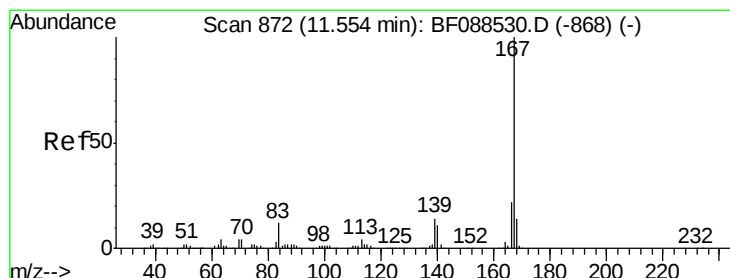
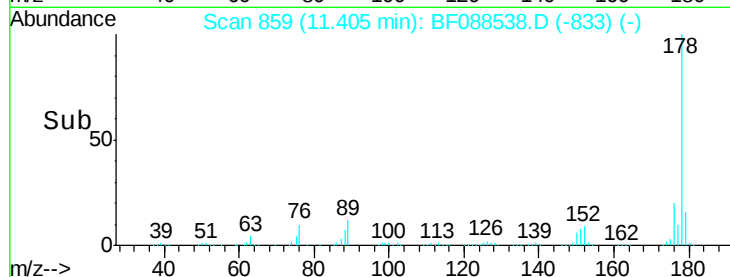
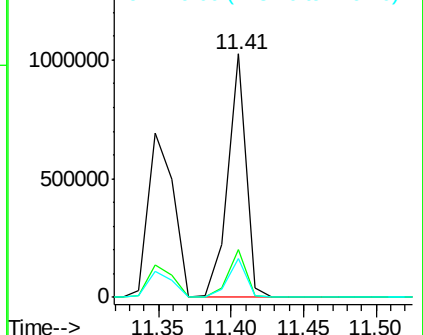
#71
 Anthracene
 Concen: 39.55 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 888010
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.8 12.8 19.2

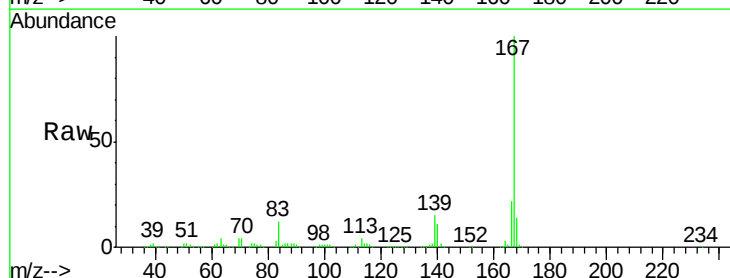


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

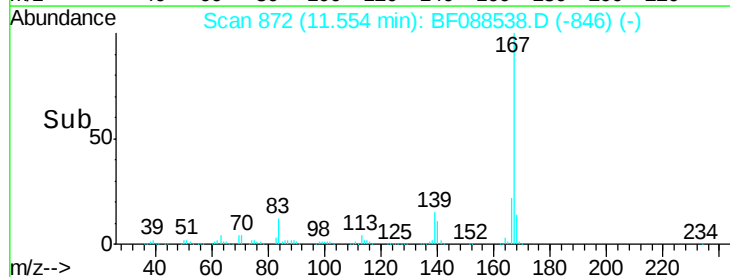
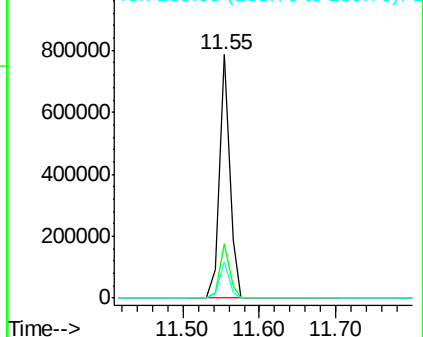


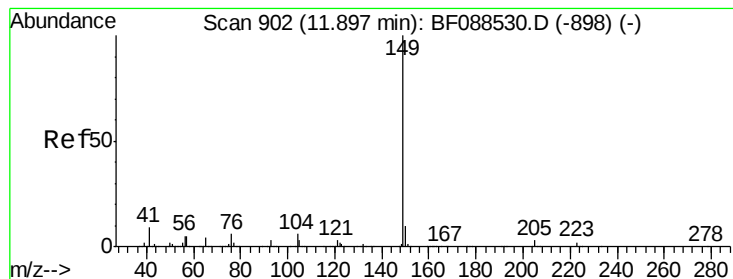
#72
 Carbazole
 Concen: 34.81 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:167 Resp: 735699
 Ion Ratio Lower Upper
 167 100
 166 22.2 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: 36.19 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

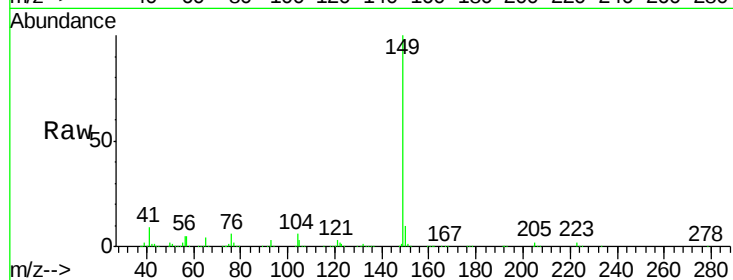
Tgt Ion:149 Resp: 889735

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

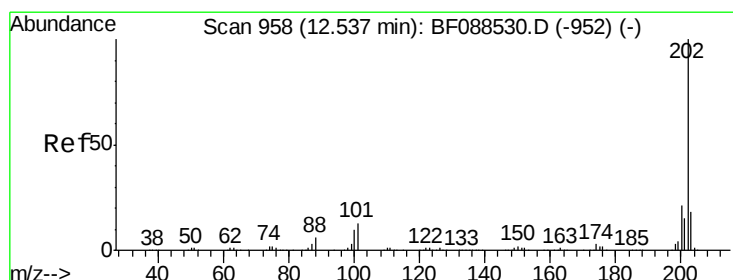
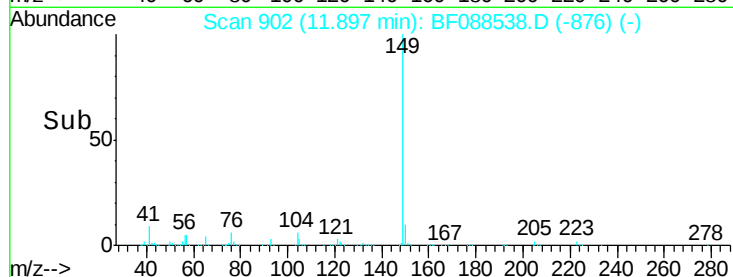
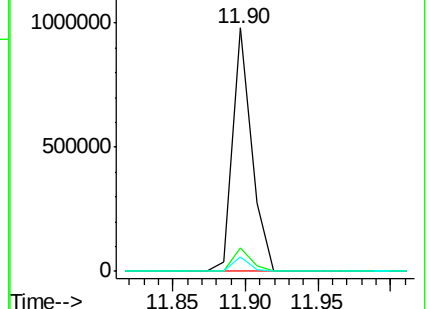
104 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.98 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

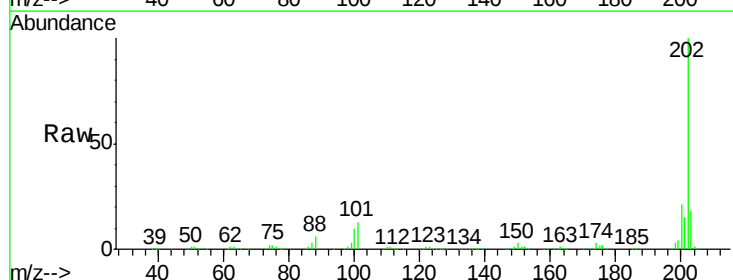
Tgt Ion:202 Resp: 915307

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.1

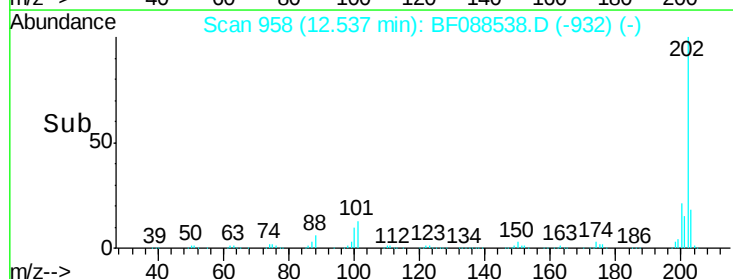
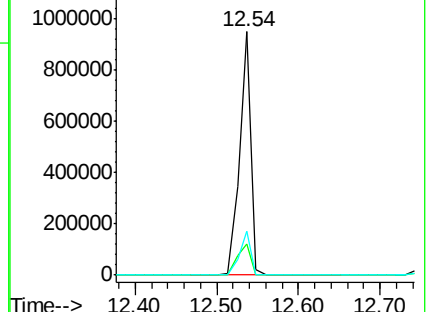
203 17.9 0.0 38.1

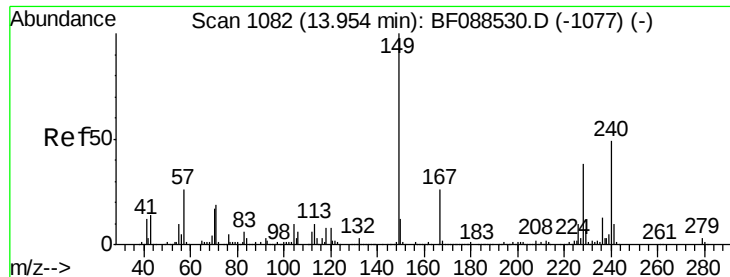


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

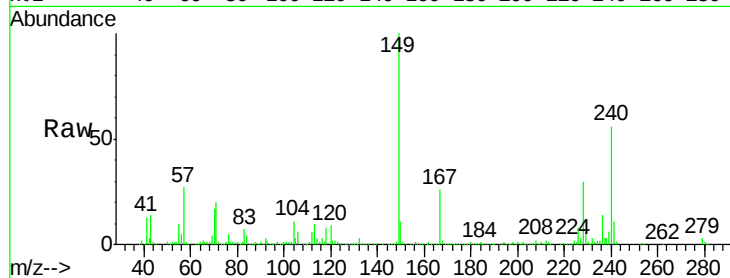
Tgt Ion:240 Resp: 267828

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

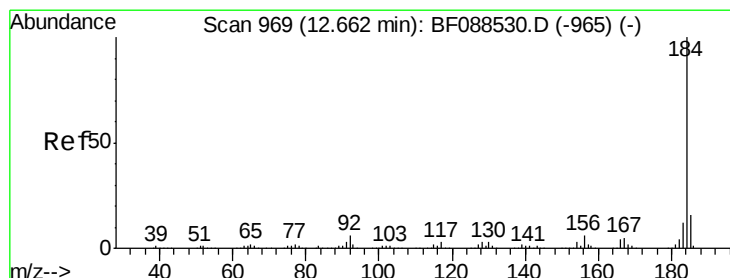
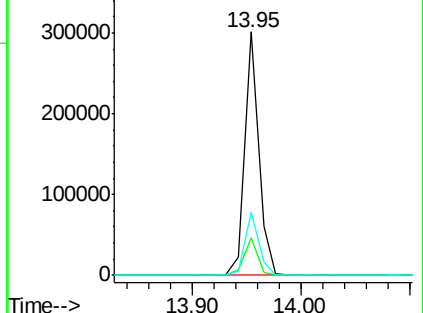
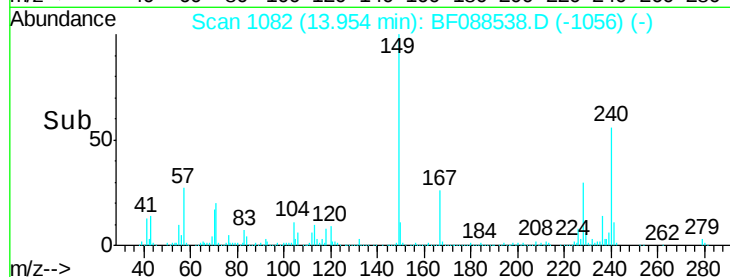
236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.36 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

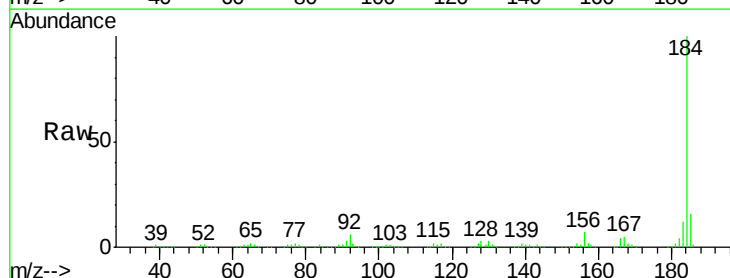
Tgt Ion:184 Resp: 532863

Ion Ratio Lower Upper

184 100

185 16.0 12.5 18.7

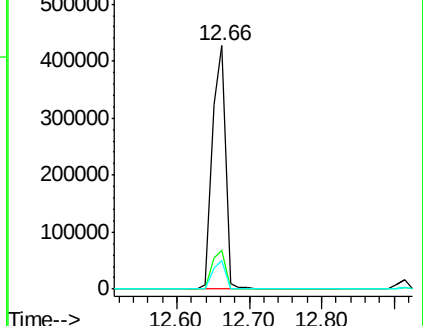
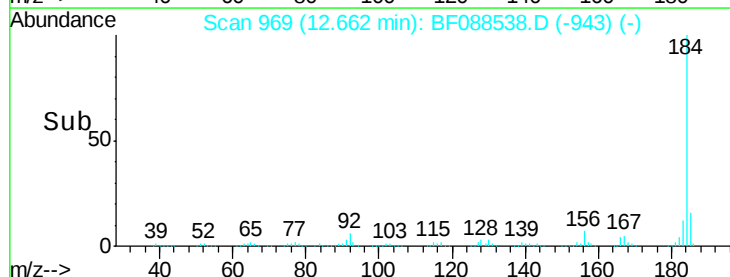
183 11.6 9.3 13.9

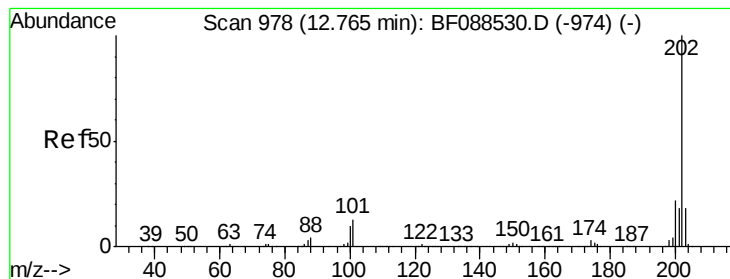


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.69 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

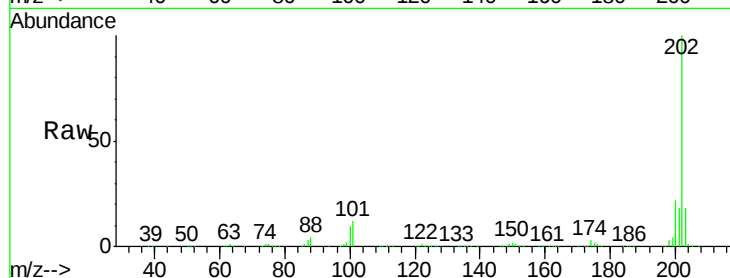
Tgt Ion: 202 Resp: 969453

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

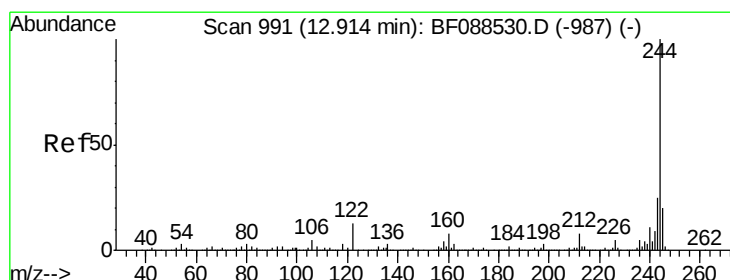
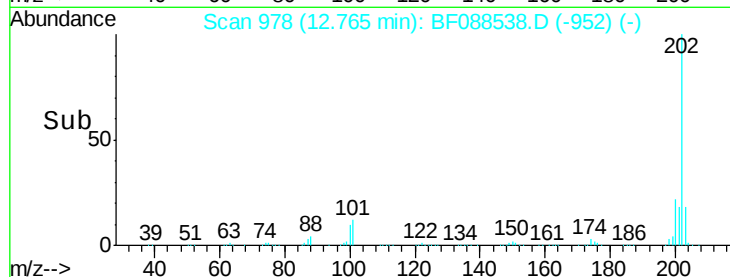
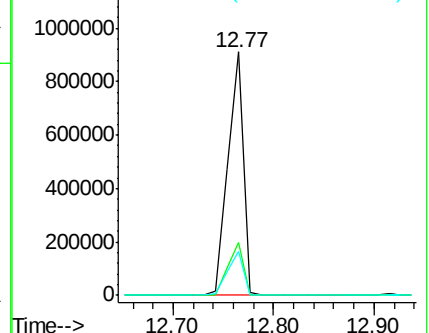
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.13 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

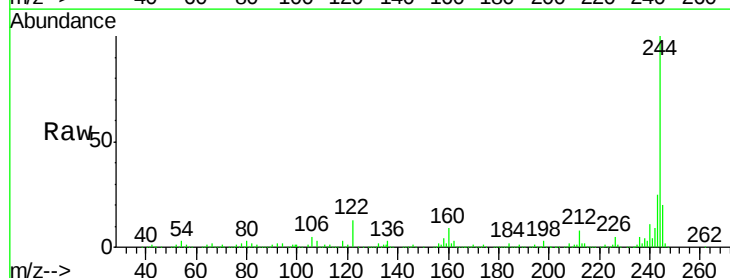
Tgt Ion: 244 Resp: 963519

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

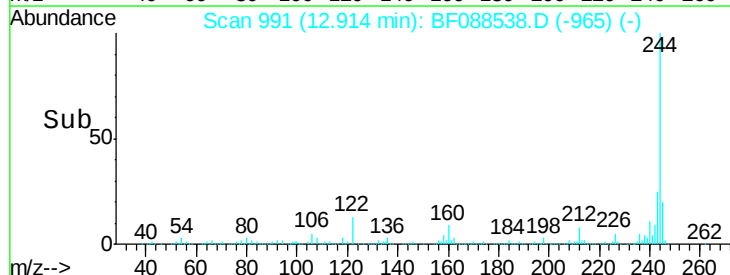
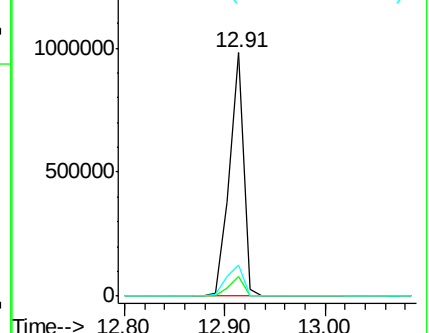
122 12.7 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

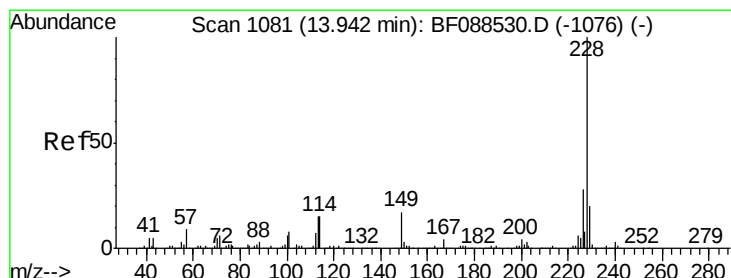
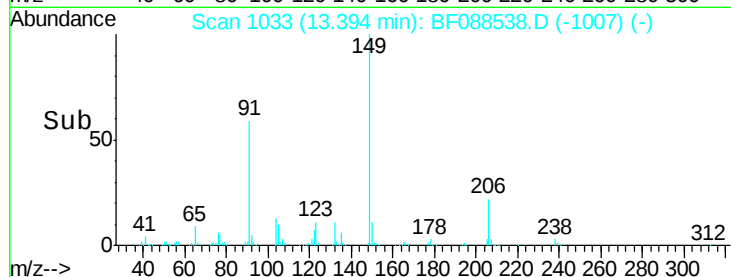
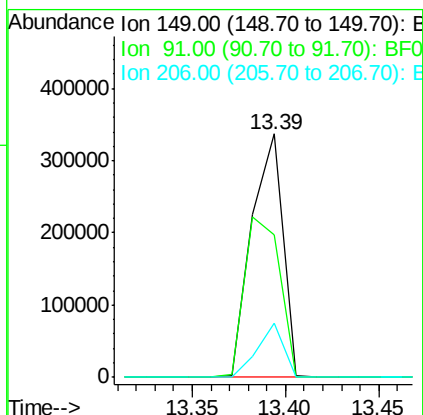
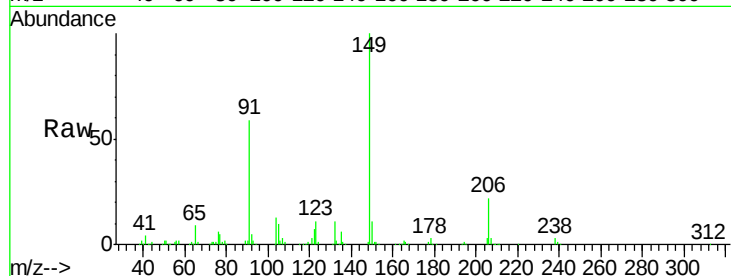




#79
Butylbenzylphthalate
Concen: 38.43 ng
RT: 13.39 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

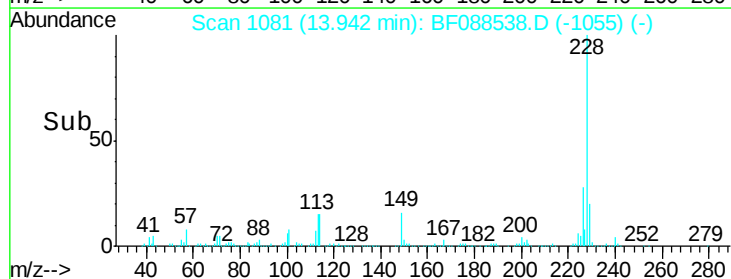
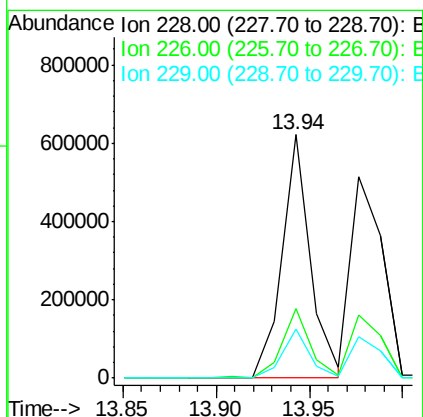
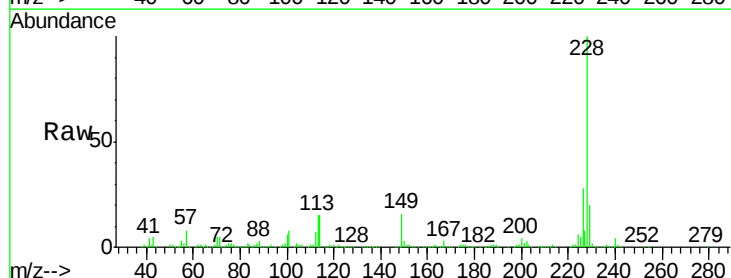
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 389259
Ion Ratio Lower Upper
149 100
91 58.7 48.0 72.0
206 22.0 16.0 24.0



#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:228 Resp: 657976
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.2 16.0 24.0

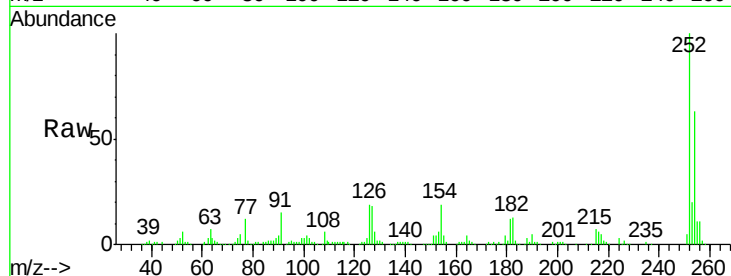




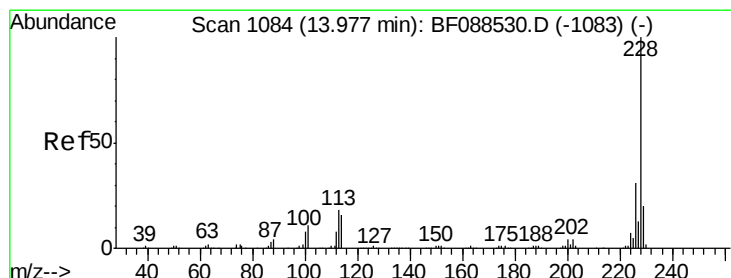
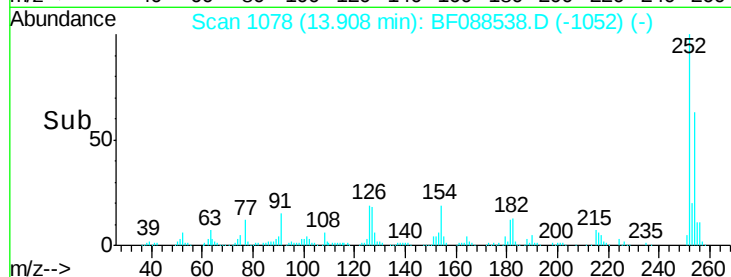
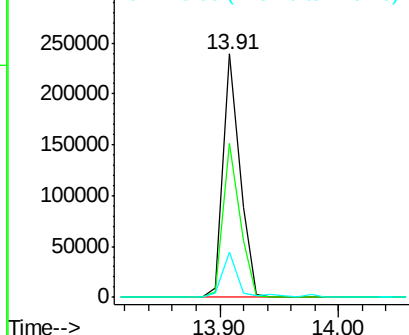
#81
 3,3'-Dichlorobenzidine
 Concen: 36.16 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 234434
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.6 78.8
 126 18.6 6.2 9.2#

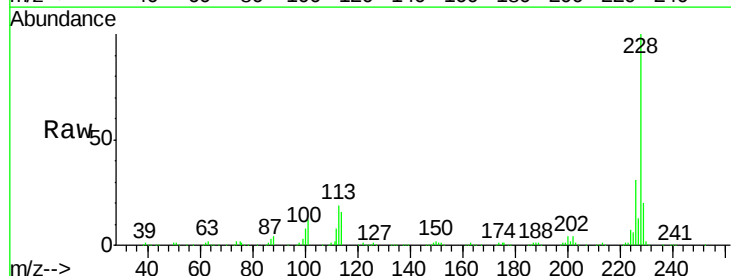


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

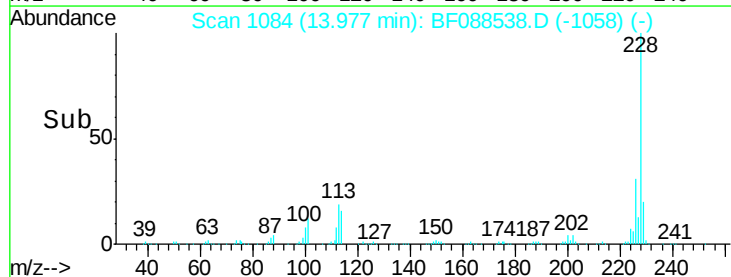
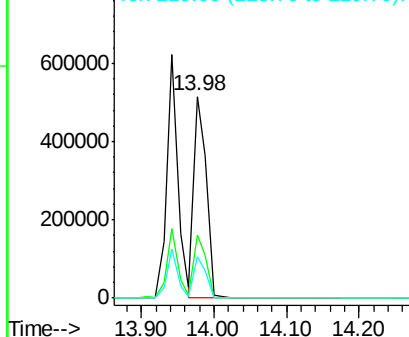


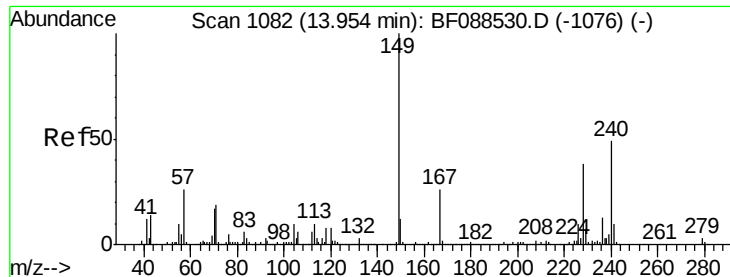
#82
 Chrysene
 Concen: 36.22 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion: 228 Resp: 618026
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.2
 229 20.4 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

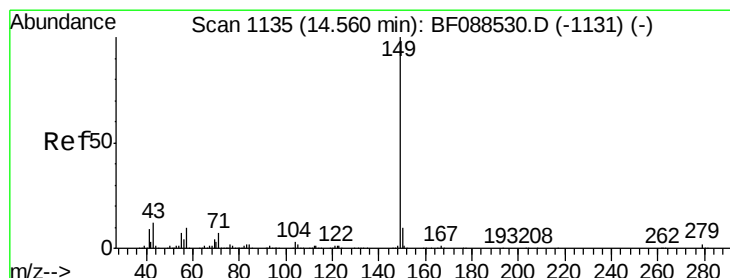
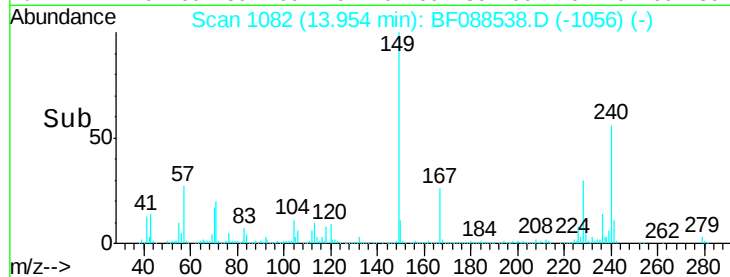
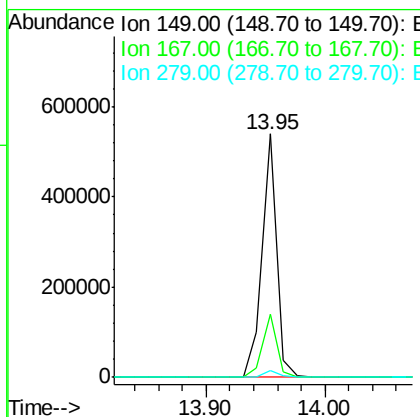
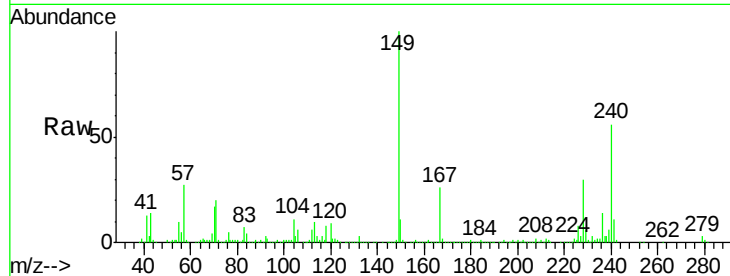




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.63 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

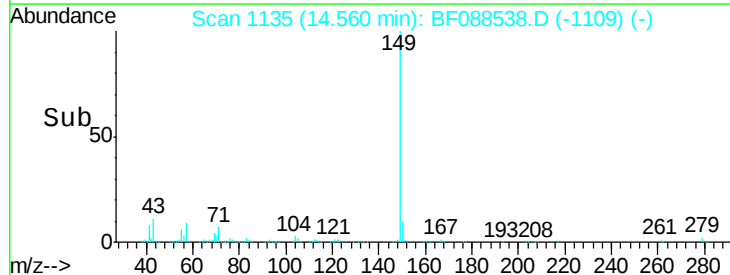
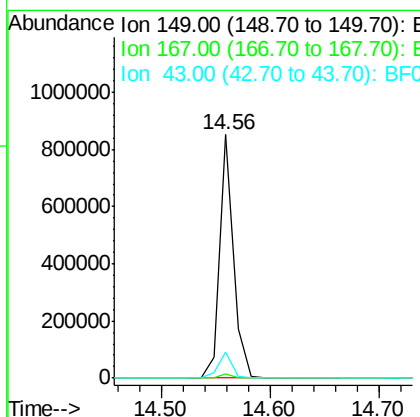
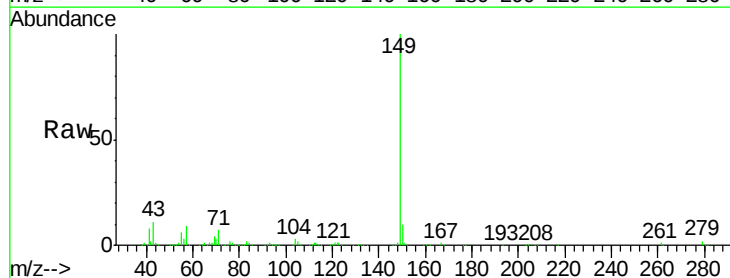
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

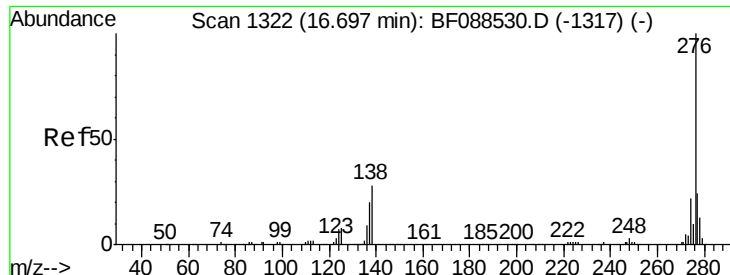
Tgt Ion:149 Resp: 469829
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.5 30.7
 279 2.9 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 38.75 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:149 Resp: 761287
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.7 0.0 0.0#

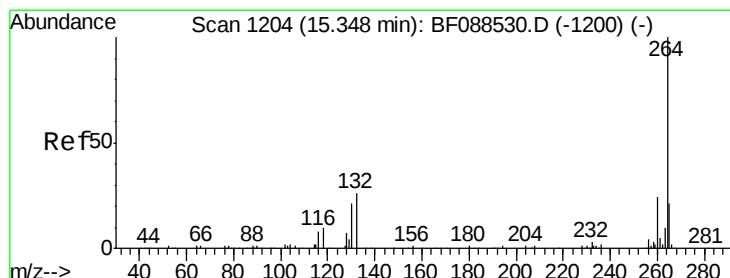
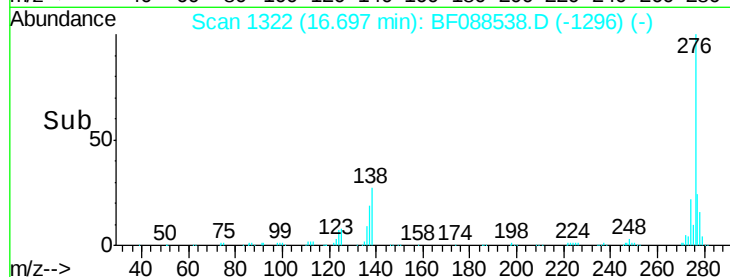
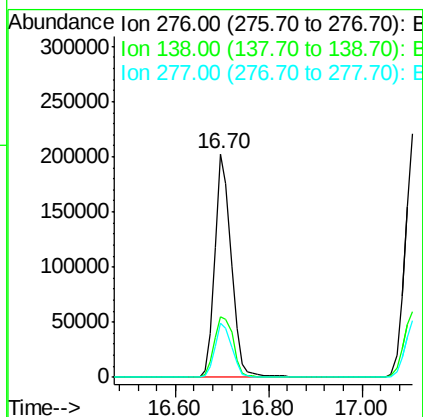
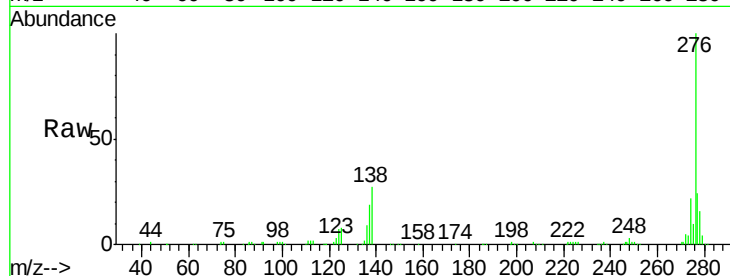




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.66 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

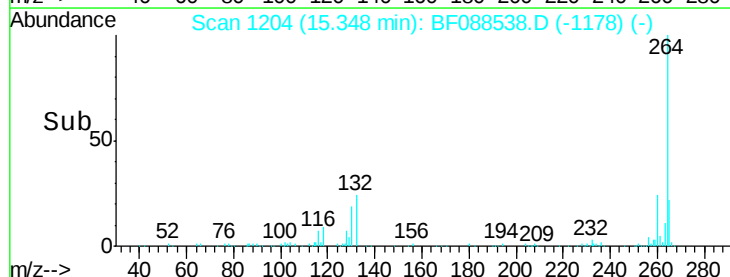
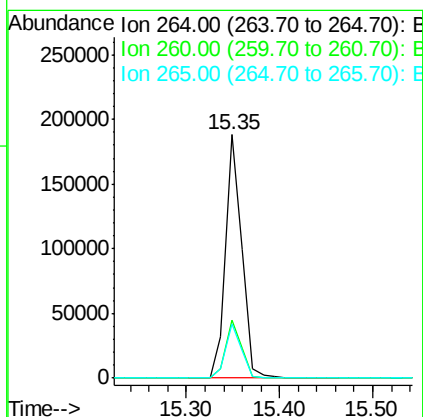
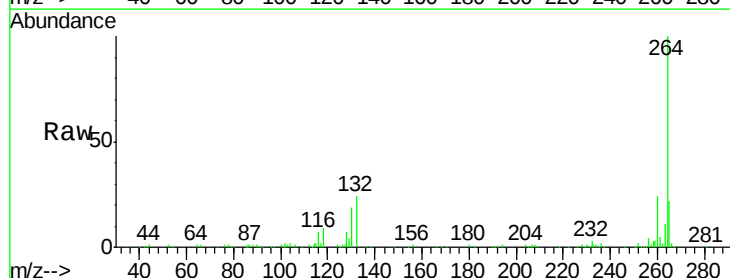
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 494336
 Ion Ratio Lower Upper
 276 100
 138 31.3 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion: 264 Resp: 228040
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.4 16.9 25.3

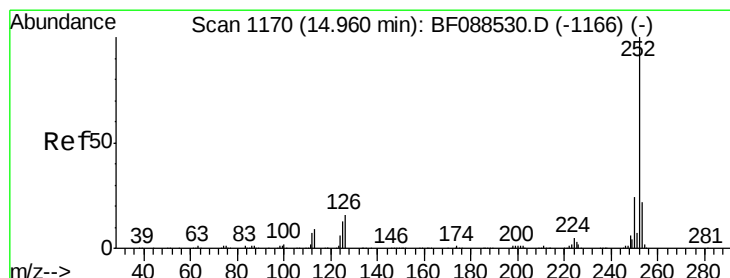
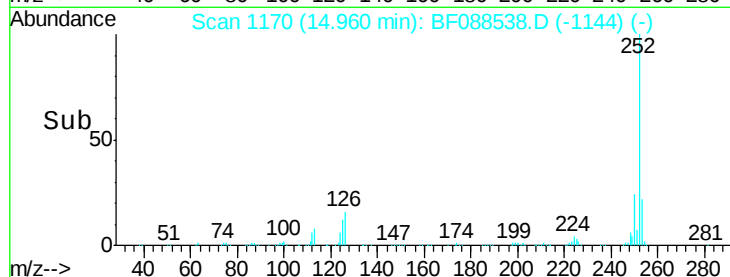
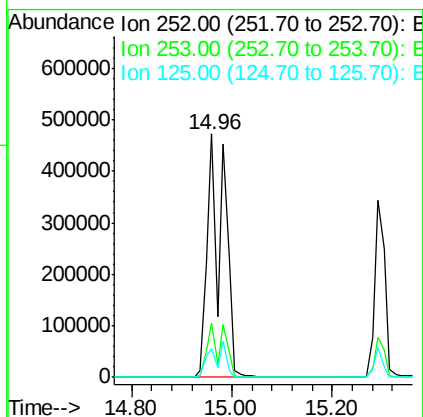
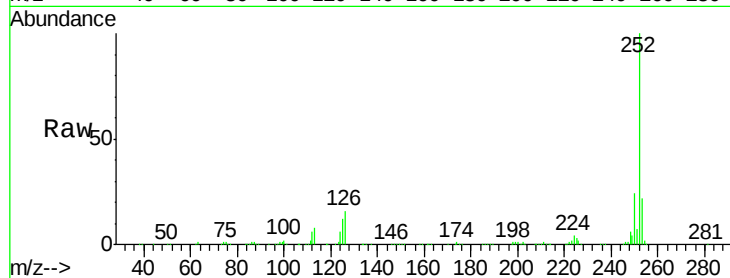




#87
Benzo(b)fluoranthene
Concen: 73.86 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

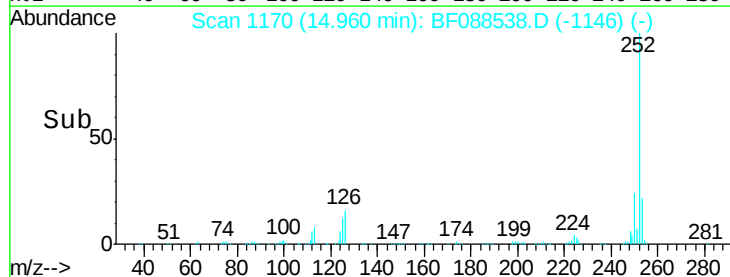
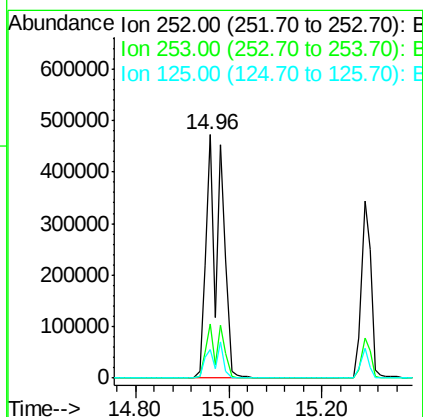
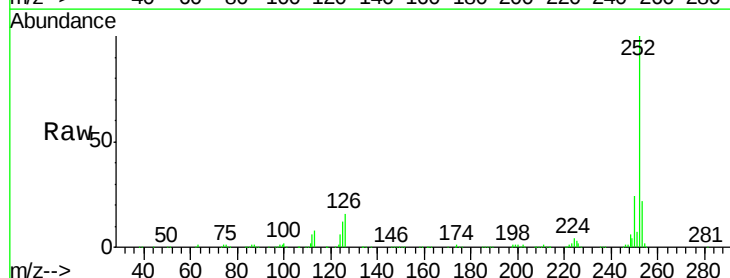
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

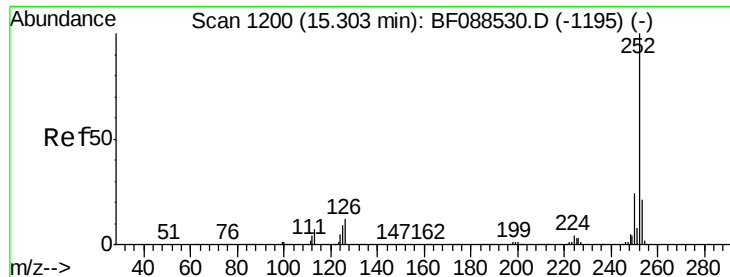
Tgt Ion:252 Resp: 1056586
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.9 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 84.86 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:252 Resp: 1056826
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.9 11.2 16.8





#89

Benzo(a)pyrene

Concen: 40.27 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

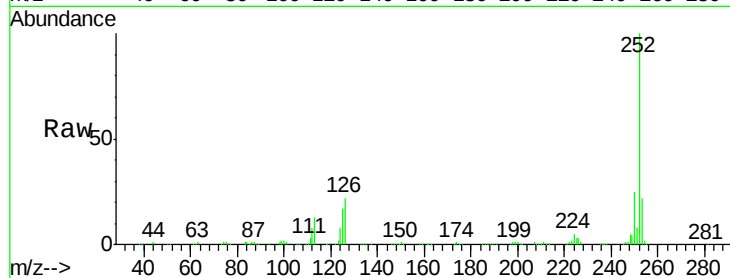
Tgt Ion:252 Resp: 487680

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

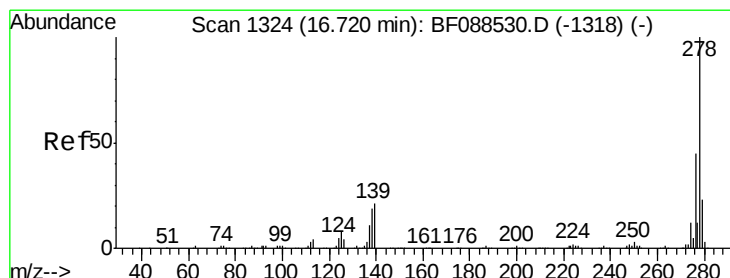
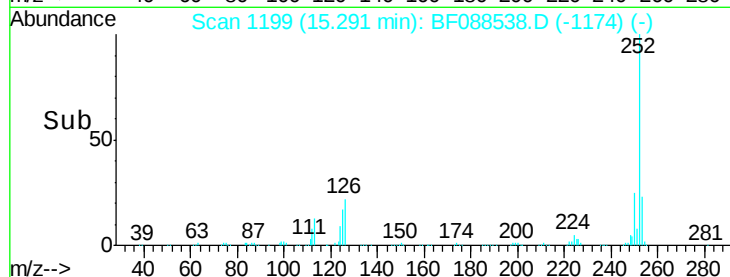
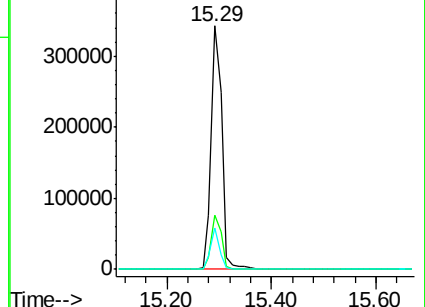
125 17.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.55 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

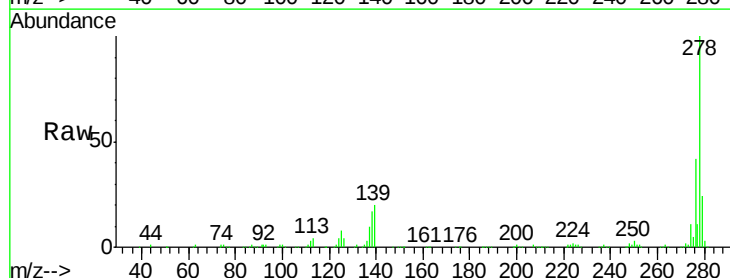
Tgt Ion:278 Resp: 420212

Ion Ratio Lower Upper

278 100

139 20.2 15.7 23.5

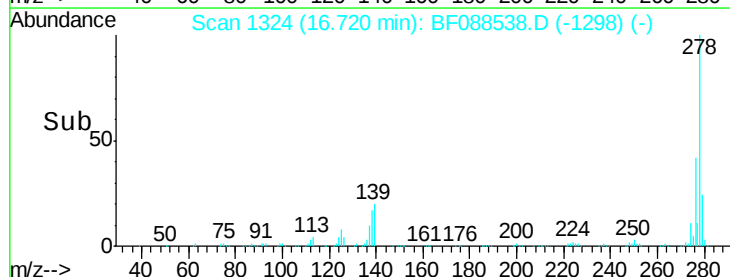
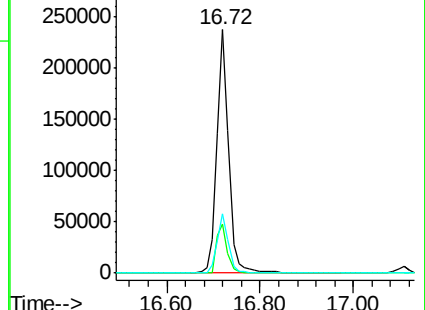
279 24.2 19.4 29.2

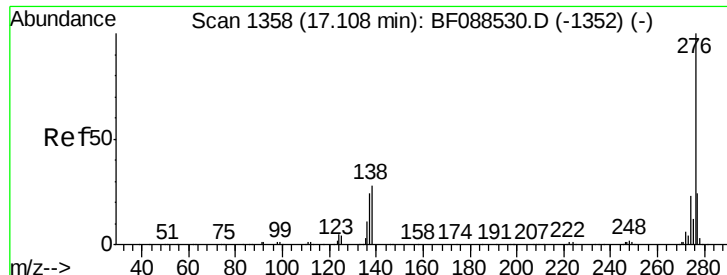


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.33 ng

RT: 17.11 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

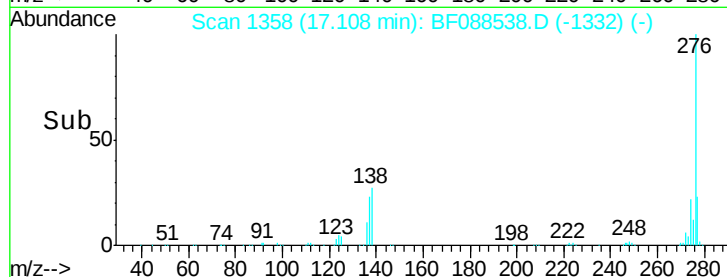
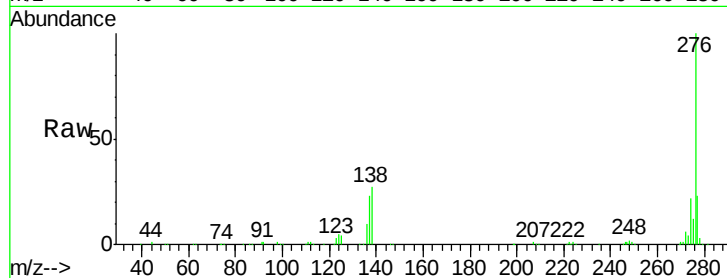
Tgt Ion: 276 Resp: 442983

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 27.1 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

