

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080693.D
 Acq On : 28 Jul 2015 2:30
 Operator : TP/UM
 Sample : G3084-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Quant Time: Jul 28 09:23:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	31775	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	106689	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	41426	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	54259	20.00	ng	0.00
75) Chrysene-d12	14.21	240	21444	20.00	ng	-0.03
86) Perylene-d12	15.85	264	13813	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	254884	127.76	ng	0.01
7) Phenol-d6	6.53	99	294655	137.27	ng	0.00
23) Nitrobenzene-d5	7.48	82	201048	96.82	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	43907	121.10	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	308133	93.72	ng	0.00
78) Terphenyl-d14	13.06	244	123710	98.83	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	29960	35.59	ng	96
3) Pyridine	3.30	79	78777	37.04	ng	94
4) n-Nitrosodimethylamine	3.20	42	49288	36.48	ng	91
6) Aniline	6.58	93	49205	16.18	ng	97
8) 2-Chlorophenol	6.70	128	91755	46.36	ng	95
9) Benzaldehyde	6.46	77	23397	16.10	ng	99
10) Phenol	6.56	94	103331	42.53	ng	82
11) bis(2-Chloroethyl)ether	6.66	93	77118	44.07	ng	# 78
12) 1,3-Dichlorobenzene	6.86	146	104475	43.46	ng	99
13) 1,4-Dichlorobenzene	6.94	146	101961	43.31	ng	98
14) 1,2-Dichlorobenzene	7.09	146	97830	43.80	ng	97
15) Benzyl Alcohol	7.06	79	84902	48.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	156300	47.67	ng	97
17) 2-Methylphenol	7.17	107	63466	45.78	ng	# 85
18) Hexachloroethane	7.44	117	35102	44.69	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	58584	46.38	ng	# 78
20) 3+4-Methylphenols	7.32	107	93917	49.54	ng	94
22) Acetophenone	7.33	105	123513	44.95	ng	98
24) Nitrobenzene	7.50	77	90657	44.27	ng	99
25) Isophorone	7.74	82	154133	47.68	ng	100
26) 2-Nitrophenol	7.82	139	39469	47.77	ng	98
27) 2,4-Dimethylphenol	7.86	122	75520	47.39	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	89560	47.18	ng	99
29) 2,4-Dichlorophenol	8.06	162	60705	45.16	ng	# 83
30) 1,2,4-Trichlorobenzene	8.16	180	74977	43.83	ng	97
31) Naphthalene	8.24	128	236195	45.01	ng	100
32) Benzoic acid	7.86	122	75520	95.99	ng	# 6
33) 4-Chloroaniline	8.28	127	33409	17.68	ng	97
34) Hexachlorobutadiene	8.35	225	46636	43.68	ng	90
35) Caprolactam	8.60	113	14719	53.90	ng	# 79
36) 4-Chloro-3-methylphenol	8.75	107	63452	46.52	ng	97
37) 2-Methylnaphthalene	8.92	142	155157	46.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	64349	42.19	ng	98
40) Hexachlorocyclopentadiene	9.08	237	81472	83.71	ng	98

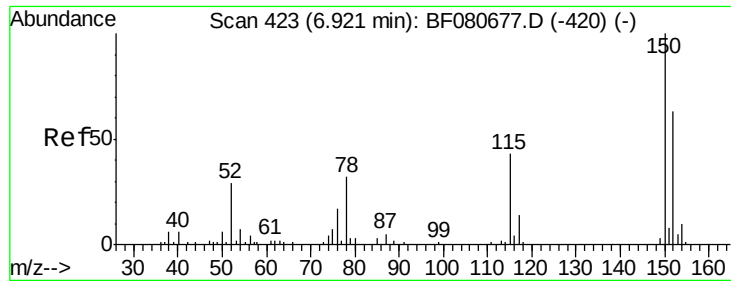
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	43380	43.10	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	38883	41.79	nq	98
45) 1,1'-Biphenyl	9.39	154	159827	45.93	nq	97
46) 2-Chloronaphthalene	9.41	162	126125	43.33	nq	97
47) 2-Nitroaniline	9.49	65	32196	47.00	nq	97
48) Acenaphthylene	9.82	152	197672	43.15	nq	99
49) Dimethylphthalate	9.68	163	186966	69.42	nq	99
50) 2,6-Dinitrotoluene	9.74	165	24696	46.32	nq	# 84
51) Acenaphthene	10.00	154	115144	42.74	nq	97
52) 3-Nitroaniline	9.90	138	17937	29.62	nq	97
53) 2,4-Dinitrophenol	10.01	184	5061	37.10	nq	94
54) Dibenzofuran	10.17	168	165693	44.81	nq	98
55) 4-Nitrophenol	10.05	139	31674	78.12	nq	88
56) 2,4-Dinitrotoluene	10.14	165	27884	45.88	nq	97
57) Fluorene	10.51	166	122100	43.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	26251	42.20	nq	# 87
59) Diethylphthalate	10.38	149	120056	46.93	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	52759	42.66	nq	97
61) 4-Nitroaniline	10.51	138	18822	36.45	nq	93
62) Azobenzene	10.66	77	106781	42.67	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	8418	41.47	nq	93
65) n-Nitrosodiphenylamine	10.62	169	87787	47.38	nq	96
66) 4-Bromophenyl-phenylether	11.00	248	27677	47.77	nq	96
67) Hexachlorobenzene	11.06	284	26634	39.07	nq	95
68) Atrazine	11.15	200	21379	59.49	nq	91
69) Pentachlorophenol	11.25	266	23169	86.33	nq	96
70) Phenanthrene	11.47	178	190605	61.55	nq	98
71) Anthracene	11.53	178	143960	47.81	nq	98
72) Carbazole	11.68	167	109083	43.37	nq	98
73) Di-n-butylphthalate	12.02	149	130339	50.85	nq	97
74) Fluoranthene	12.67	202	163731	67.41	nq	97
76) Benzidine	12.80	184	31725	53.69	nq	98
77) Pyrene	12.91	202	148760	82.86	nq	99
79) Butylbenzylphthalate	13.57	149	32255	62.00	nq	98
80) Benzo(a)anthracene	14.20	228	71925	57.90	nq	96
81) 3,3'-Dichlorobenzidine	14.16	252	13252	40.78	nq	# 87
82) Chrysene	14.24	228	68339	55.16	nq	97
83) Bis(2-ethylhexyl)phthalate	14.21	149	39733	62.33	nq	# 99
84) Di-n-octyl phthalate	14.95	149	48283	63.06	nq	# 98
85) Indeno(1,2,3-cd)pyrene	17.33	276	177653	340.02	nq	95
87) Benzo(b)fluoranthene	15.40	252	48038	47.76	nq	# 96
88) Benzo(k)fluoranthene	15.40	252	48038	52.09	nq	# 96
89) Benzo(a)pyrene	15.78	252	42314	55.06	nq	95
90) Dibenzo(a,h)anthracene	17.36	278	116074	219.66	nq	96
91) Benzo(g,h,i)perylene	17.78	276	210908	411.72	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

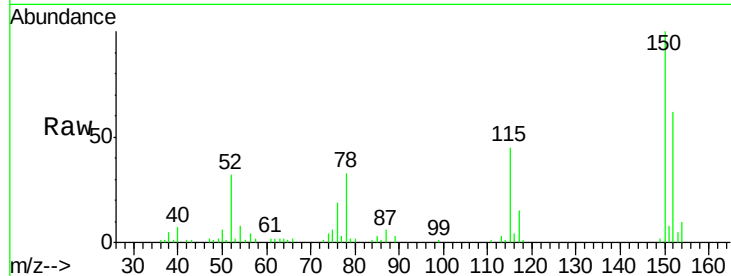
Tot Ion:152 Resp: 31775

Ion Ratio Lower Upper

152 100

150 160.5 127.7 191.5

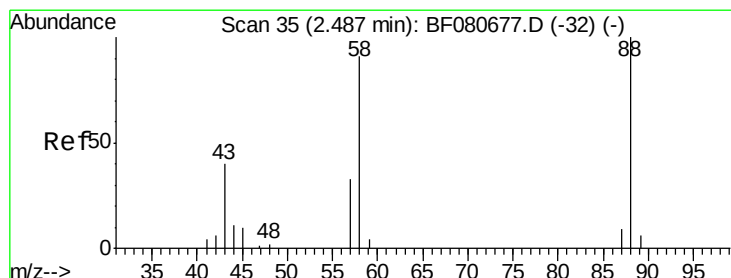
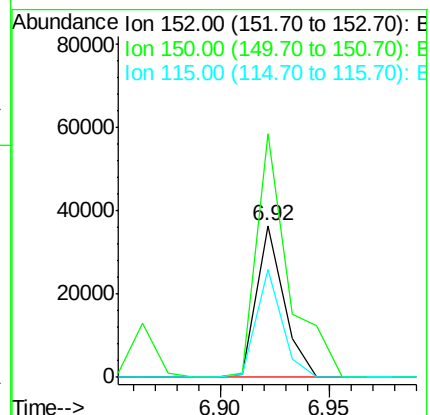
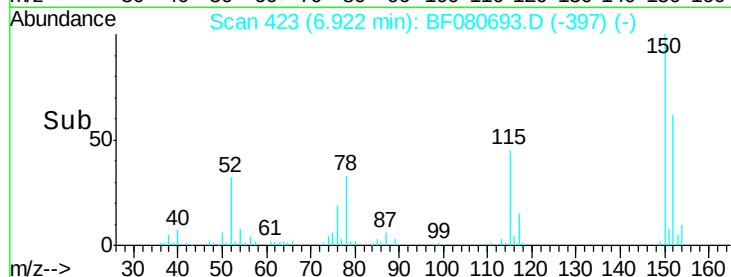
115 71.5 54.2 81.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.59 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.04 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

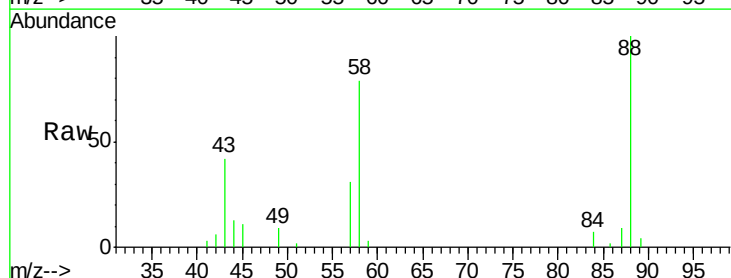
Tgt Ion: 88 Resp: 29960

Ion Ratio Lower Upper

88 100

58 88.2 71.6 107.4

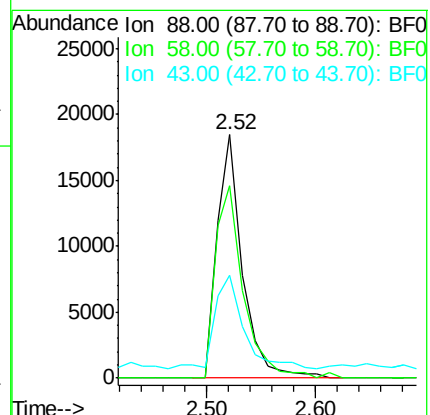
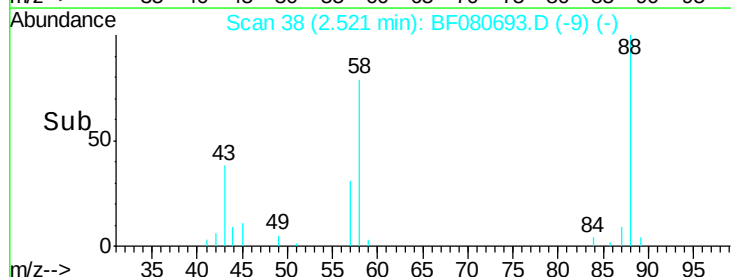
43 45.1 31.4 47.0

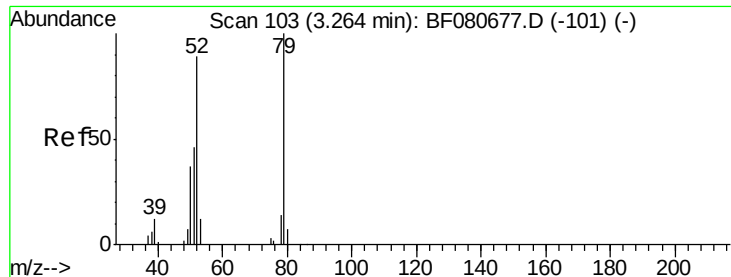


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.04 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

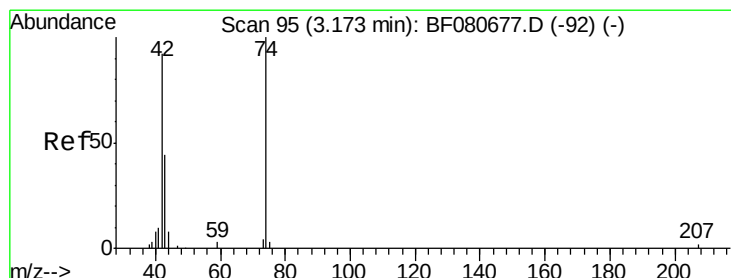
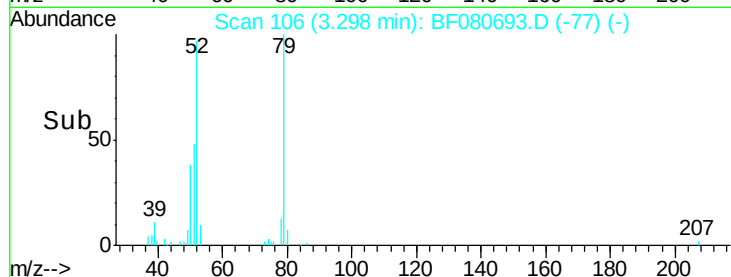
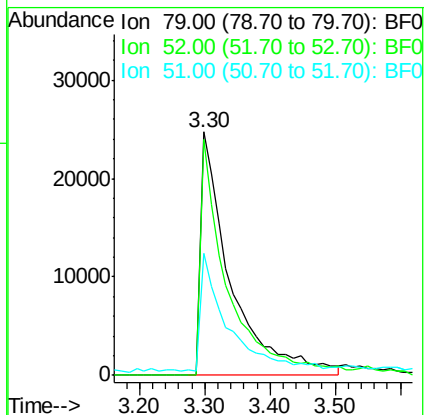
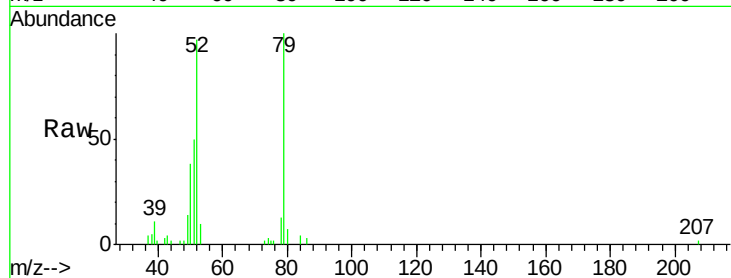
Tot Ion: 79 Resp: 78777

Ion Ratio Lower Upper

79 100

52 96.8 71.1 106.7

51 50.3 39.0 58.4



#4

n-Nitrosodimethylamine

Concen: 36.48 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.02 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

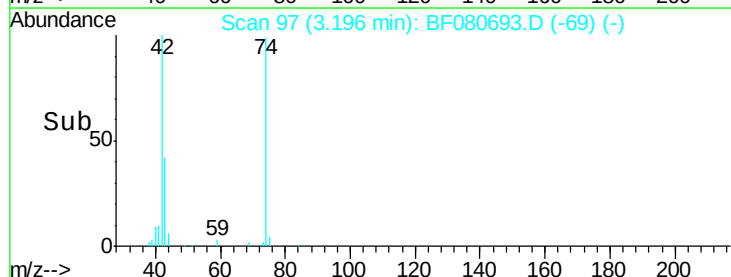
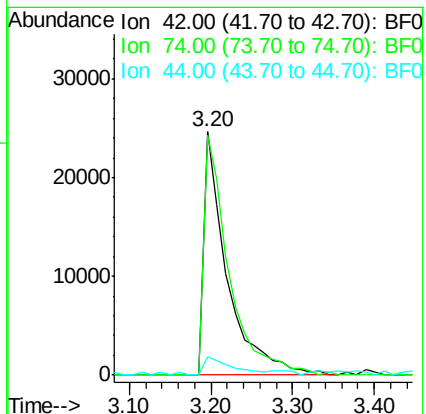
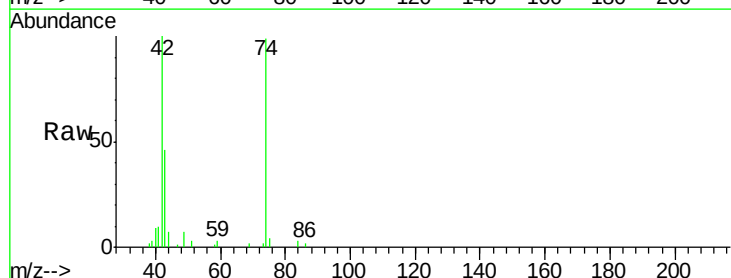
Tgt Ion: 42 Resp: 49288

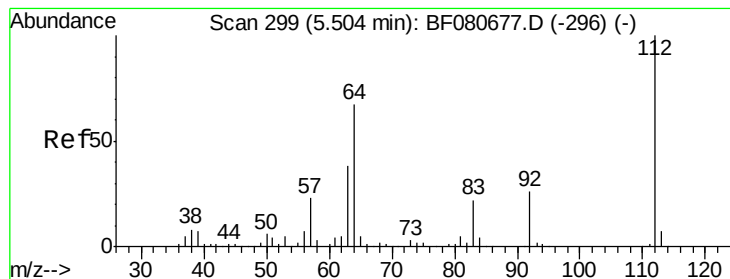
Ion Ratio Lower Upper

42 100

74 98.6 87.0 130.6

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 127.76 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

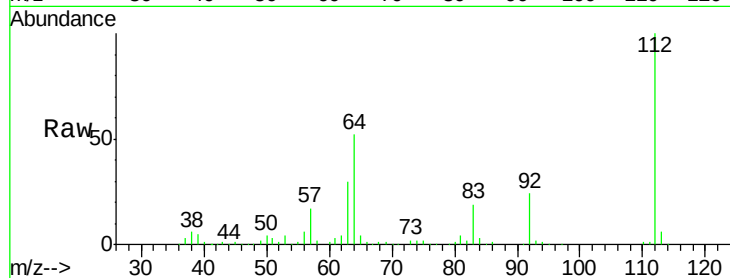
Tot Ion:112 Resp: 254884

Ion Ratio Lower Upper

112 100

64 52.4 53.2 79.8#

63 29.6 30.4 45.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

250000

200000

150000

100000

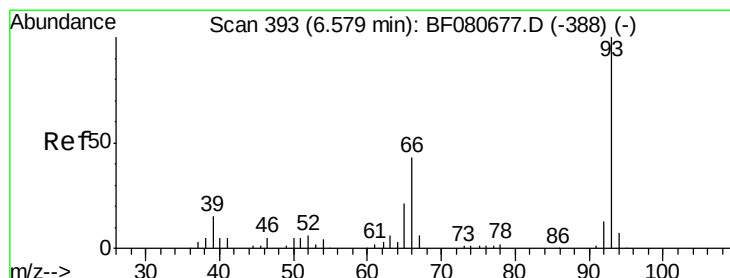
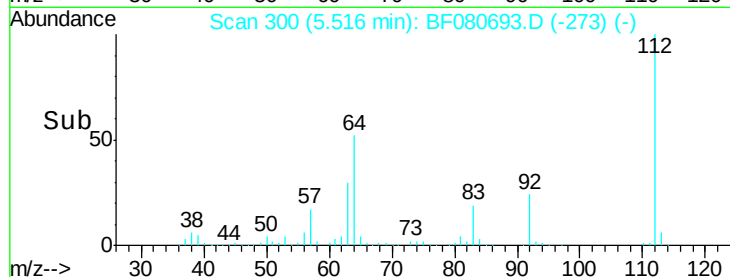
50000

0

5.52

5.45 5.50 5.55 5.60

Time-->



#6

Aniline

Concen: 16.18 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

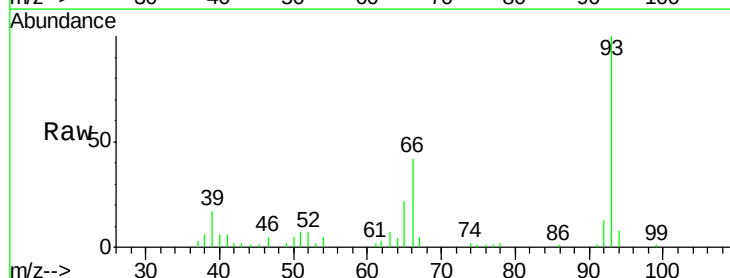
Tgt Ion: 93 Resp: 49205

Ion Ratio Lower Upper

93 100

66 41.6 34.6 52.0

65 22.4 16.5 24.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

100000

80000

60000

40000

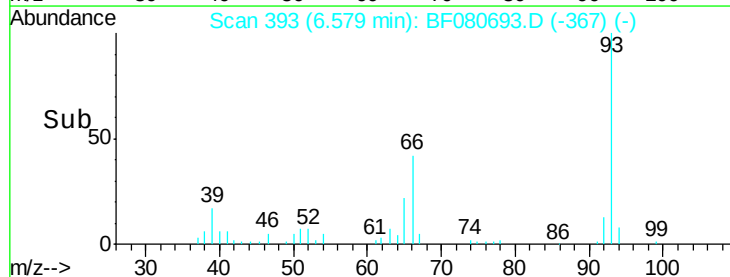
20000

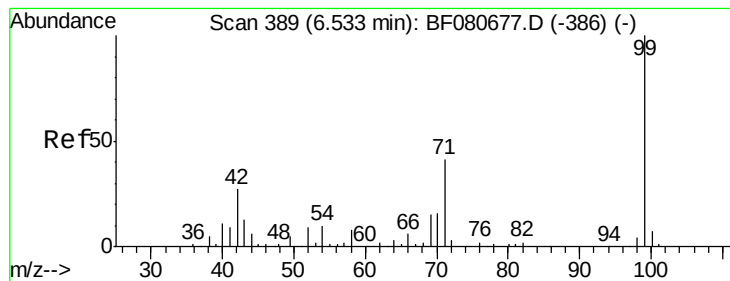
0

6.58

6.50 6.55 6.60 6.65

Time-->





#7

Phenol-d6

Concen: 137.27 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

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ClientSampleId :

DUMBO-EP-3MS

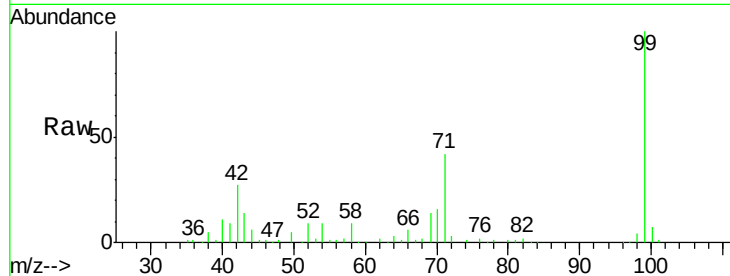
Tot Ion: 99 Resp: 294655

Ion Ratio Lower Upper

99 100

42 26.8 21.8 32.8

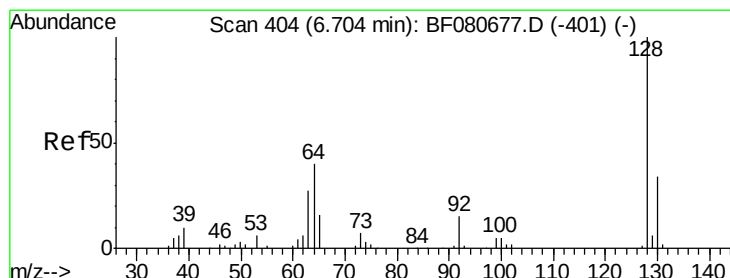
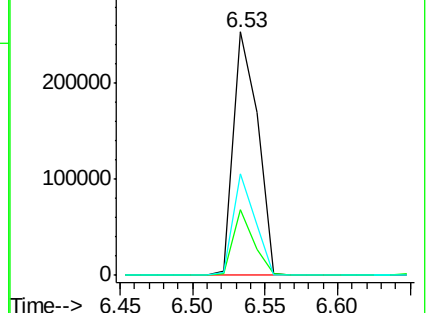
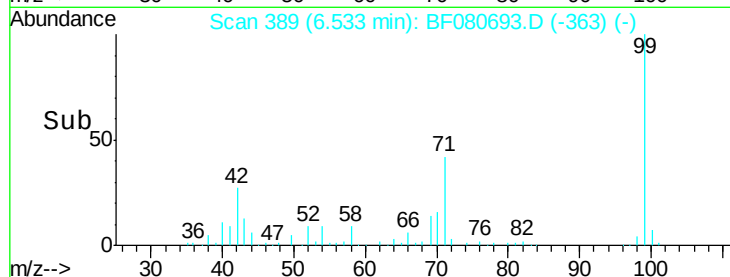
71 41.5 32.9 49.3



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: 46.36 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

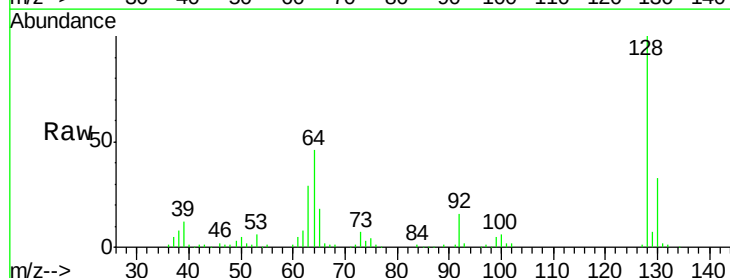
Tgt Ion: 128 Resp: 91755

Ion Ratio Lower Upper

128 100

130 32.8 14.0 54.0

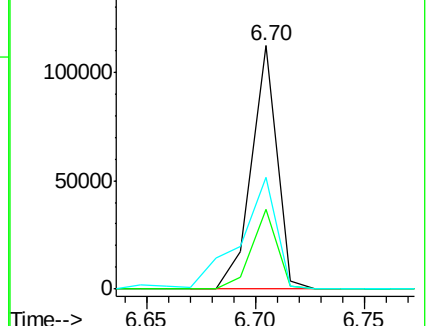
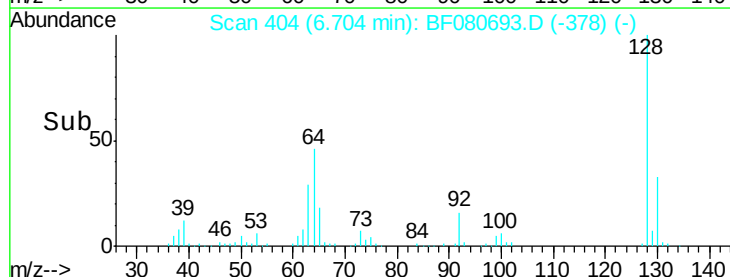
64 45.8 20.6 60.6

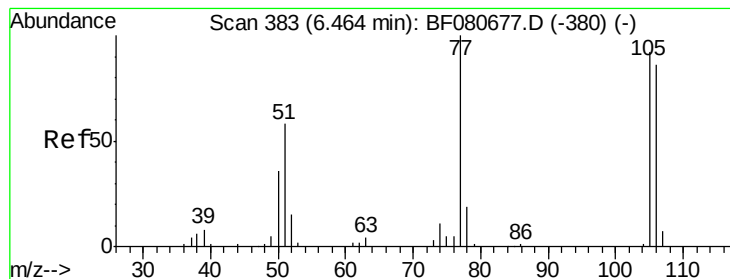


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

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DUMBO-EP-3MS

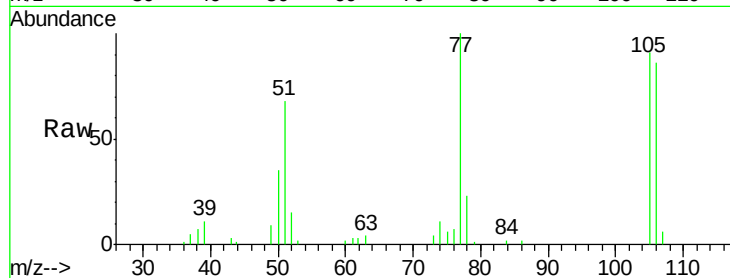
Tot Ion: 77 Resp: 23397

Ion Ratio Lower Upper

77 100

105 91.0 72.1 112.1

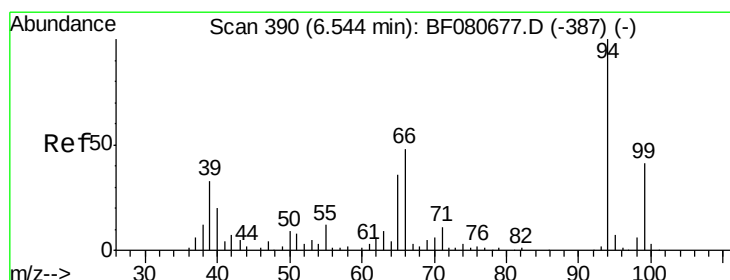
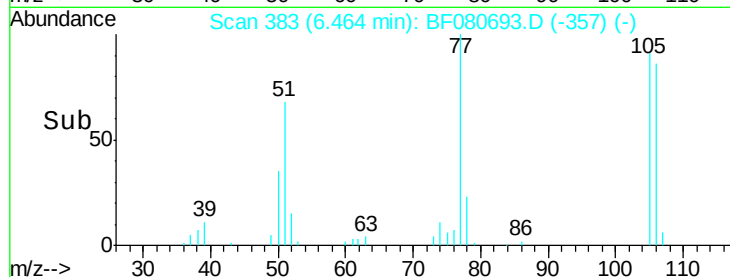
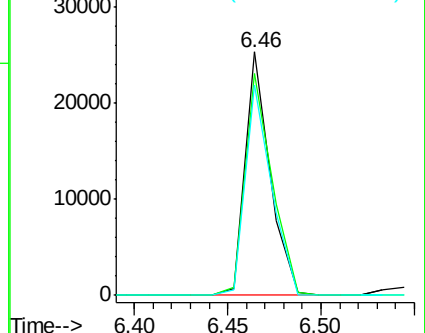
106 86.3 65.5 105.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.53 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

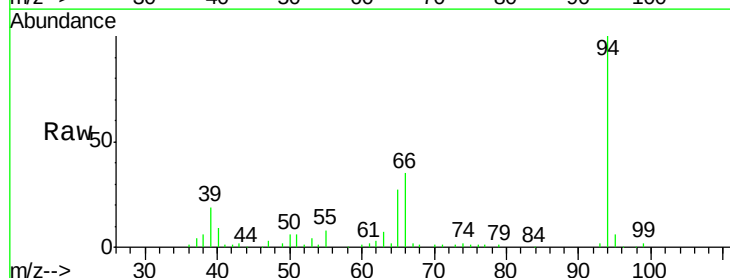
Tgt Ion: 94 Resp: 103331

Ion Ratio Lower Upper

94 100

65 26.5 16.0 56.0

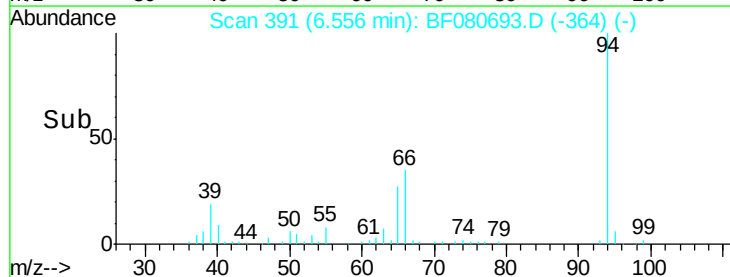
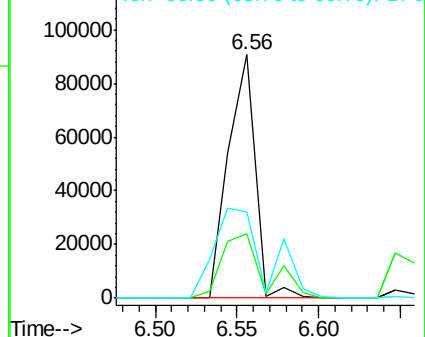
66 35.3 28.1 68.1

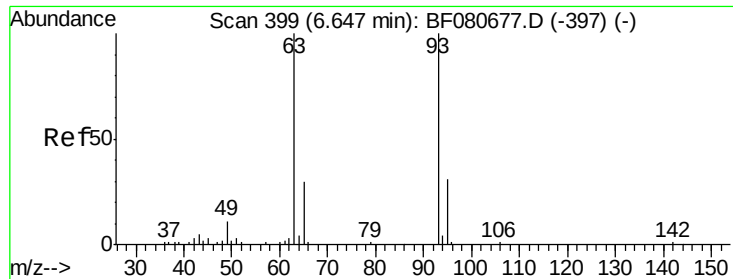


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

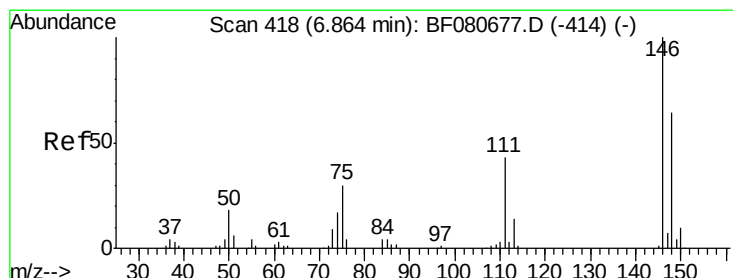
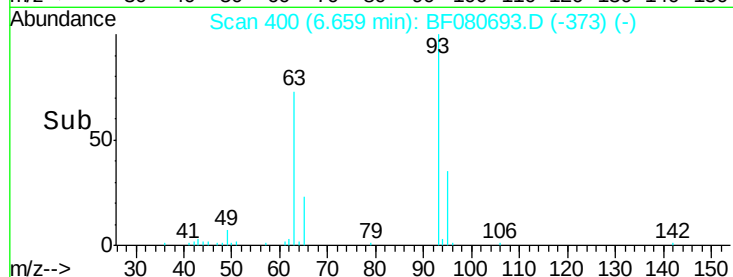
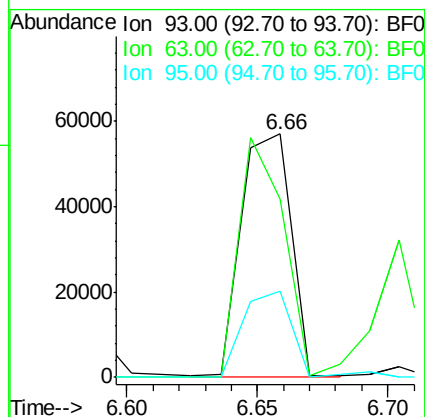
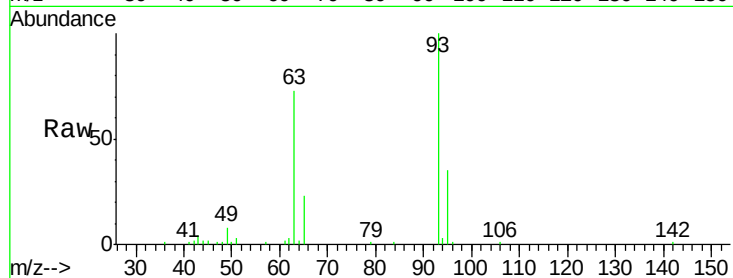




#11
bis(2-Chloroethyl)ether
Concen: 44.07 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

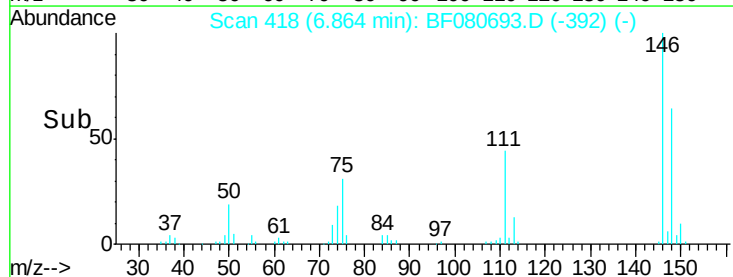
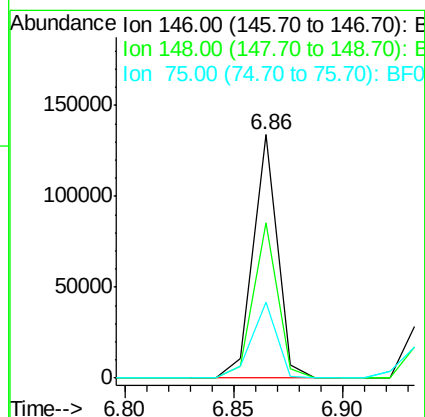
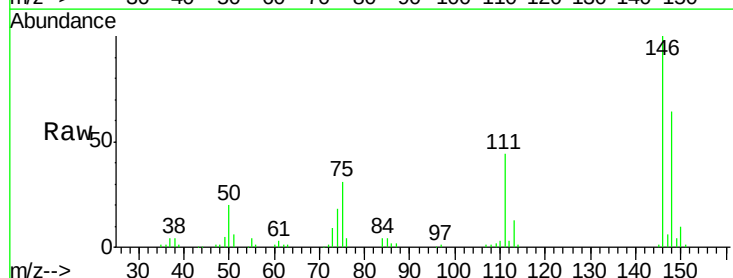
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

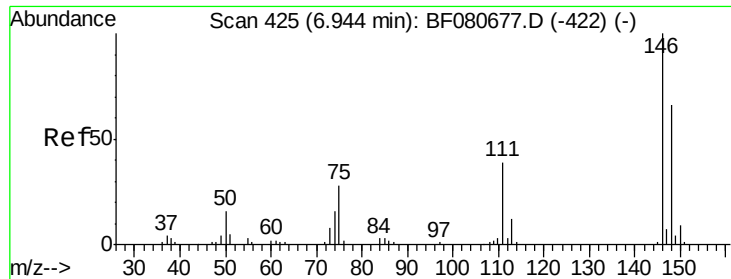
Tot Ion: 93 Resp: 77118
Ion Ratio Lower Upper
93 100
63 73.3 79.7 119.7#
95 35.2 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 43.46 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion: 146 Resp: 104475
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 31.3 23.9 35.9

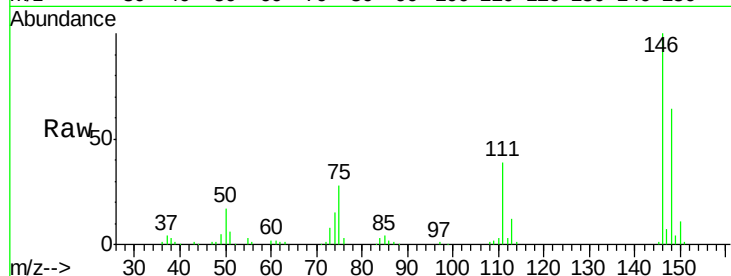




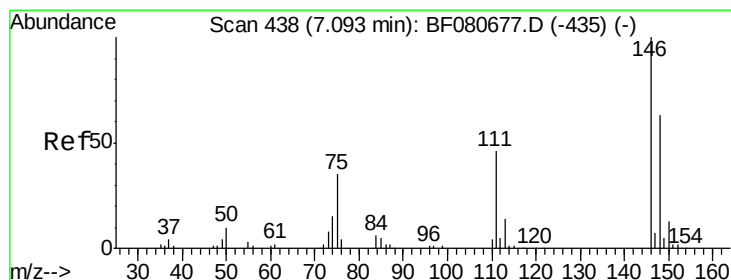
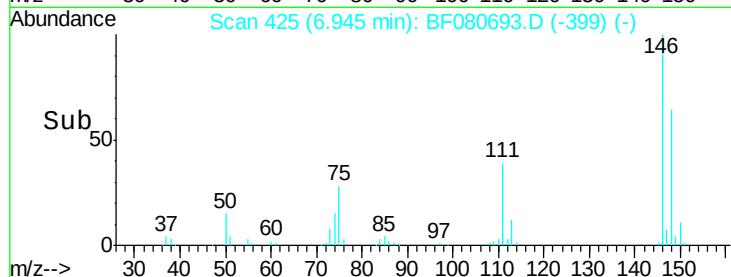
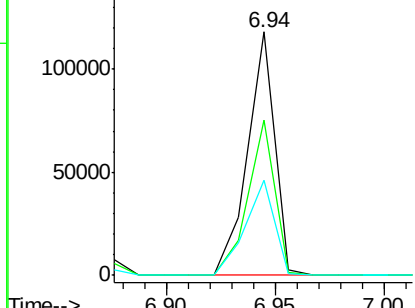
#13
 1,4-Dichlorobenzene
 Concen: 43.31 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion:146 Resp: 101961
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.7 79.1
 111 39.1 31.1 46.7

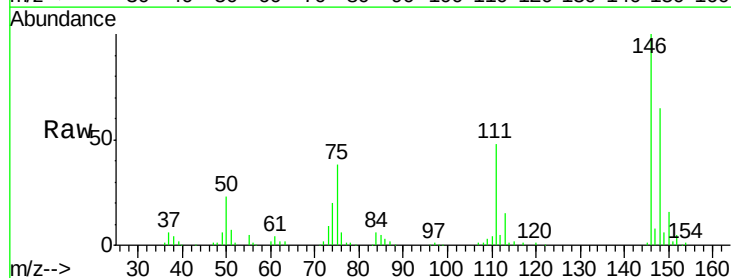


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

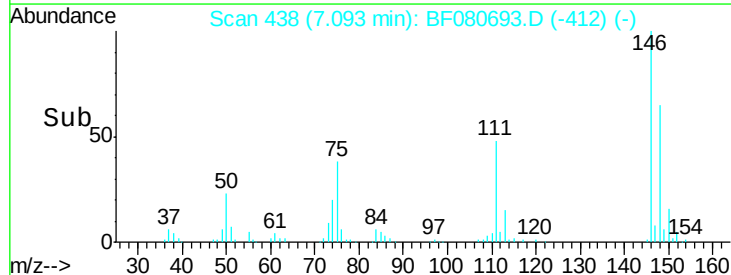
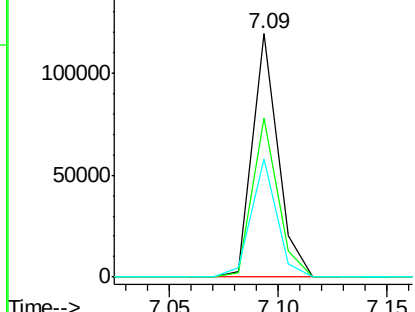


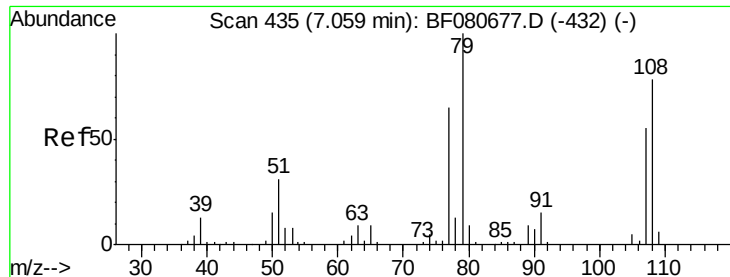
#14
 1,2-Dichlorobenzene
 Concen: 43.80 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion:146 Resp: 97830
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 76.0
 111 48.4 37.2 55.8



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





#15

Benzyl Alcohol

Concen: 48.36 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

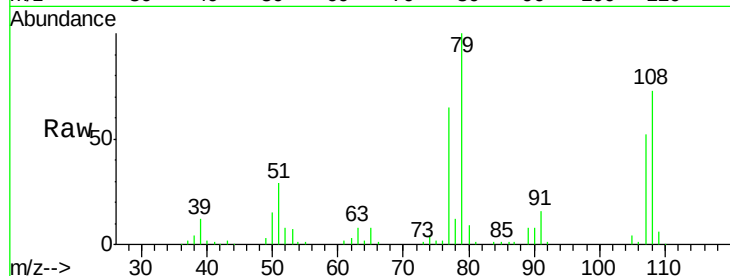
Tot Ion: 79 Resp: 84902

Ion Ratio Lower Upper

79 100

108 73.1 62.7 94.1

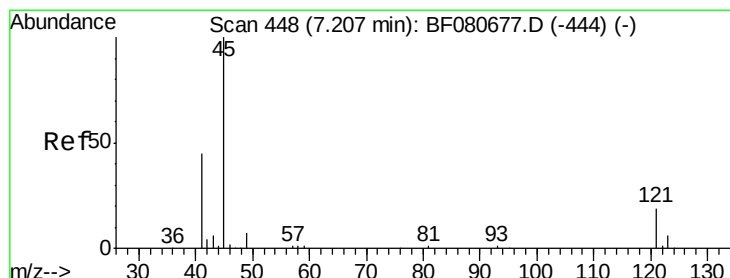
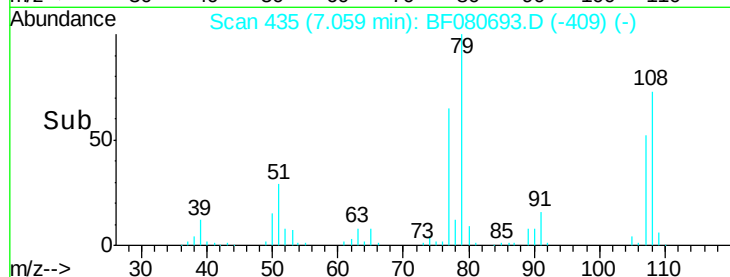
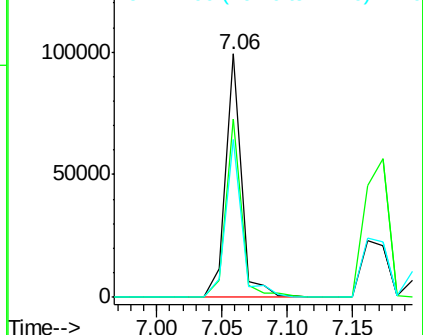
77 64.7 51.8 77.8



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: 47.67 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

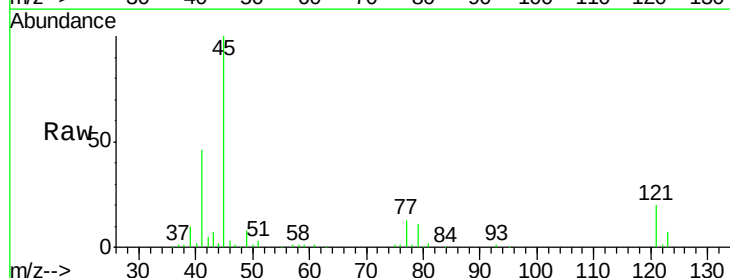
Tgt Ion: 45 Resp: 156300

Ion Ratio Lower Upper

45 100

77 12.7 0.0 33.4

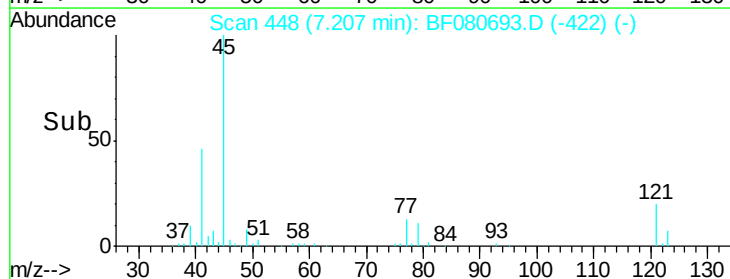
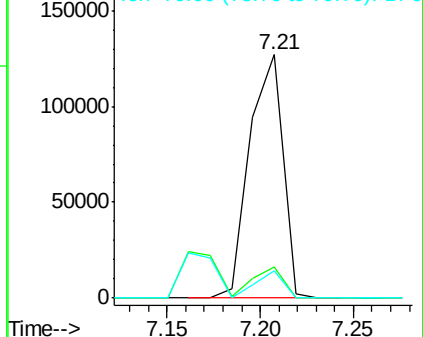
79 11.0 0.0 28.8

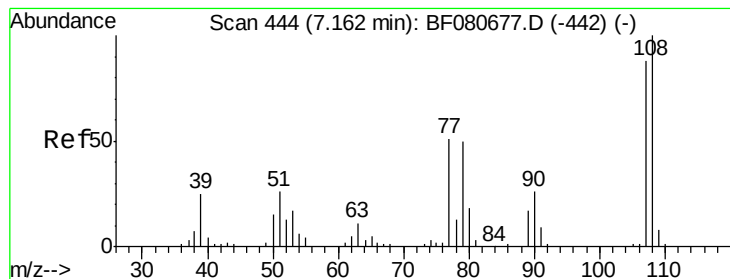


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

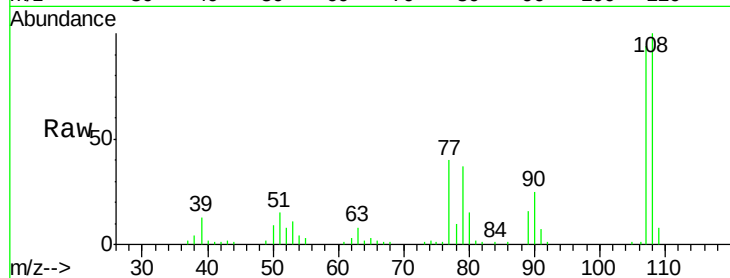




#17
2-Methylphenol
Concen: 45.78 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.5	91.3	136.9
77	42.2	47.0	70.4#
79	39.3	45.6	68.4#



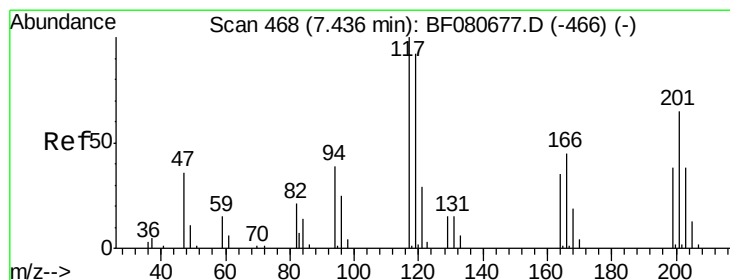
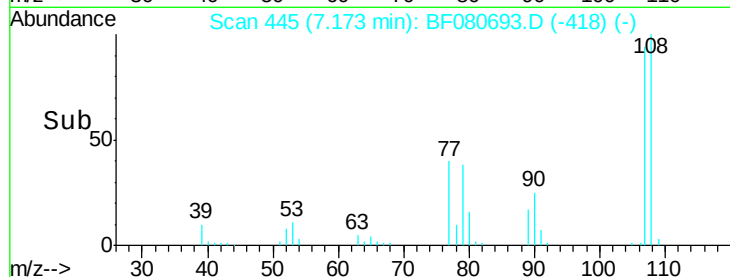
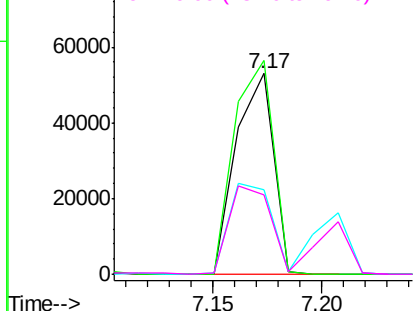
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

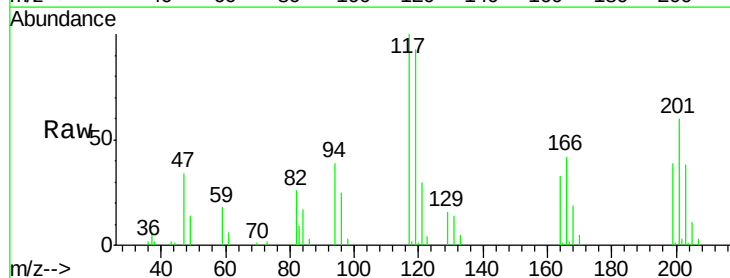
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 44.69 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	73.6	110.4
201	59.8	52.2	78.2

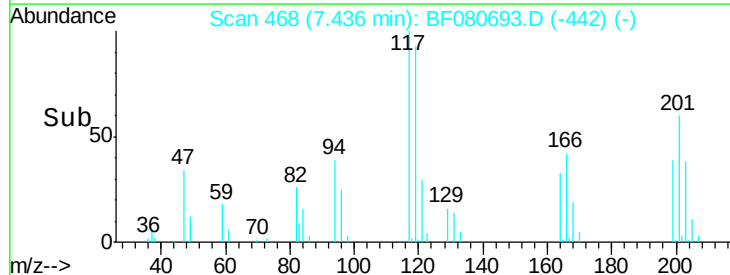
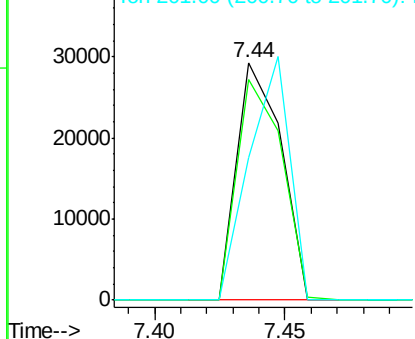


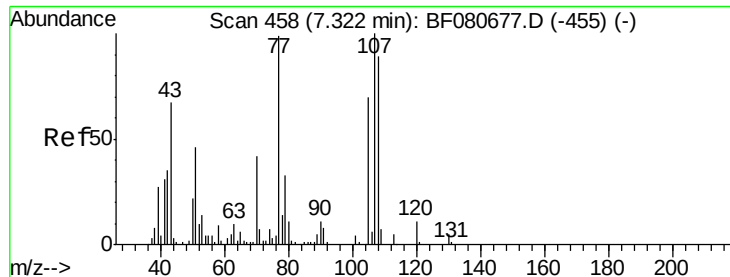
Abundance

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

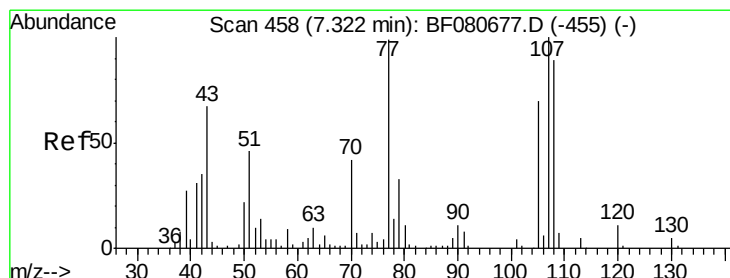
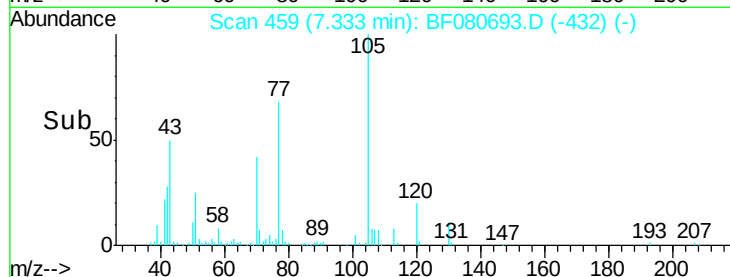
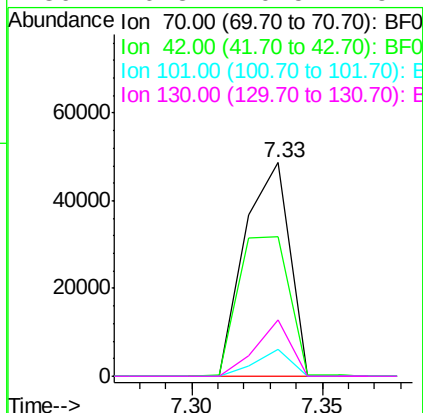
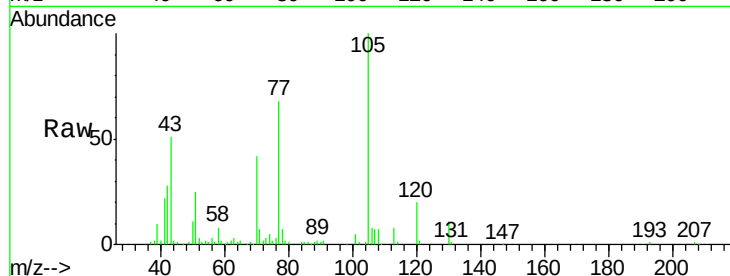




#19
n-Nitroso-di-n-propylamine
Concen: 46.38 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

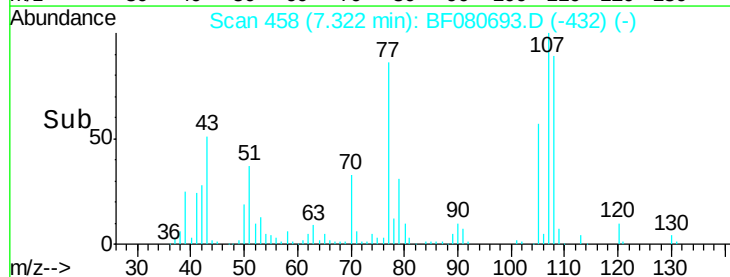
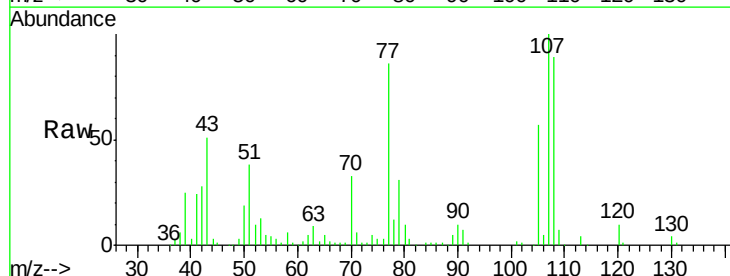
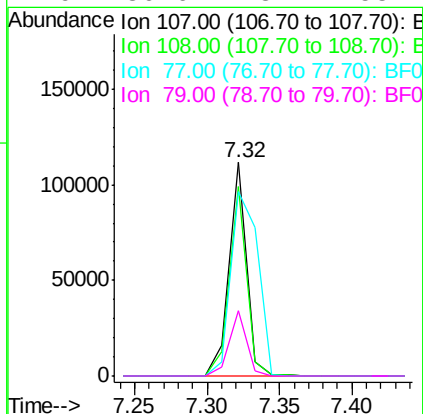
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

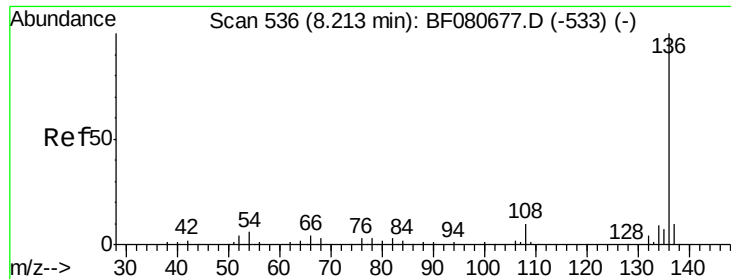
Tot Ion: 70 Resp: 58584
Ion Ratio Lower Upper
70 100
42 65.2 67.4 101.2#
101 12.5 7.3 10.9#
130 26.3 10.5 15.7#



#20
3+4-Methylphenols
Concen: 49.54 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion: 107 Resp: 93917
Ion Ratio Lower Upper
107 100
108 88.5 68.7 108.7
77 86.4 78.9 118.9
79 30.6 13.1 53.1

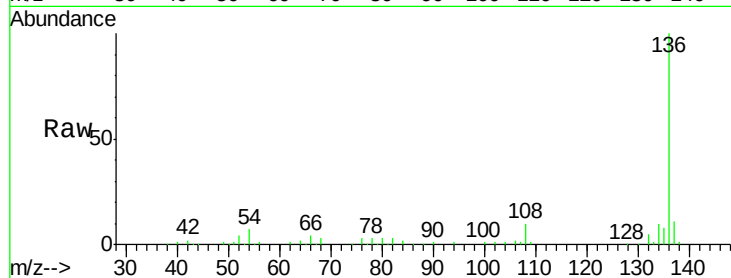




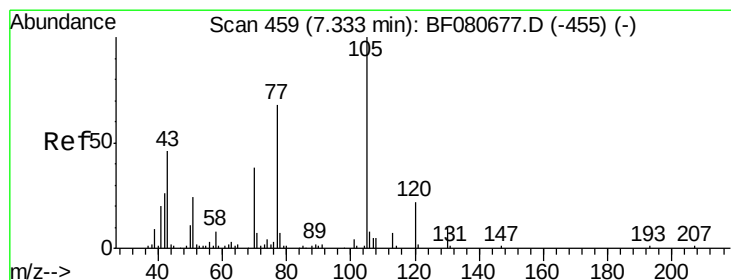
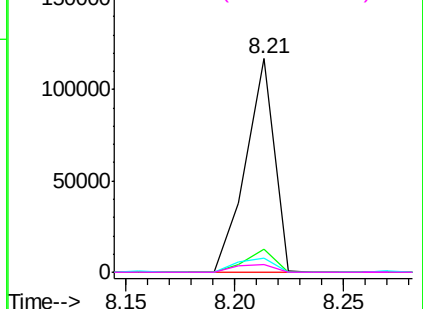
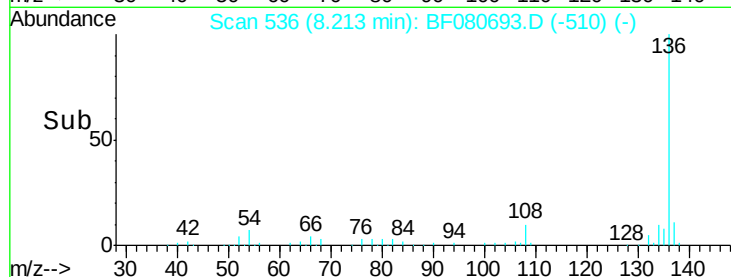
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:136	Resp:	106689
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	6.5	5.0 7.4
68	3.4	2.7 4.1

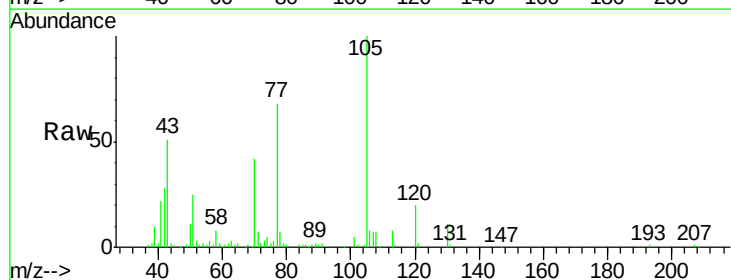


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

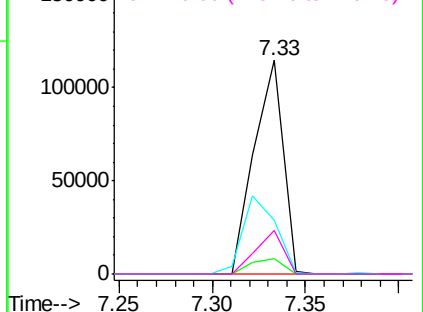
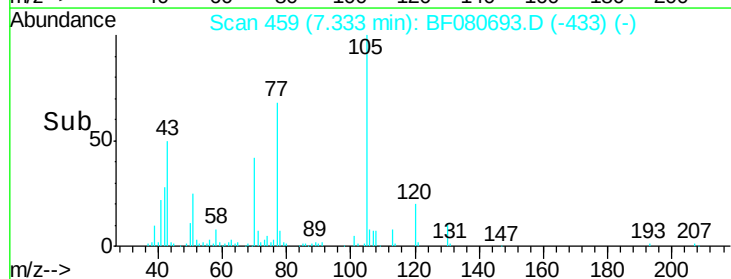


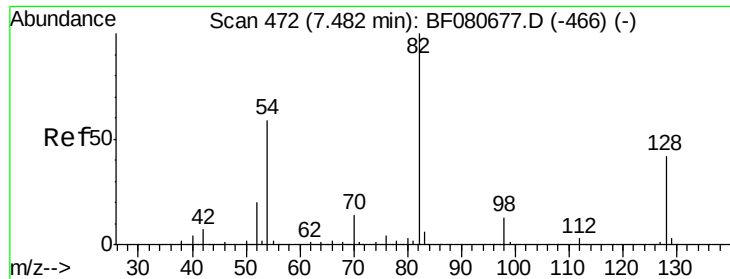
#22
Acetophenone
Concen: 44.95 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:105	Resp:	123513
Ion Ratio	Lower	Upper
105	100	
71	7.5	5.4 8.2
51	25.0	19.6 29.4
120	20.2	17.4 26.2



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

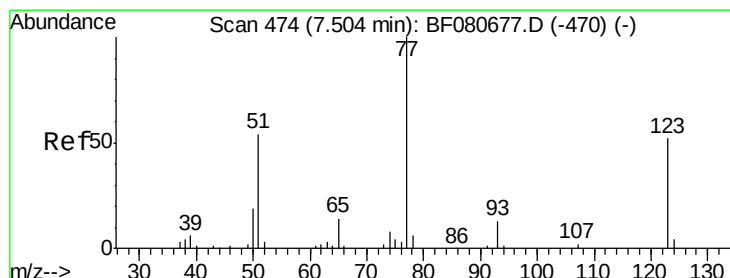
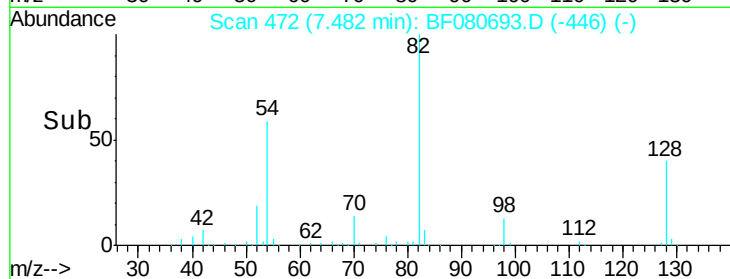
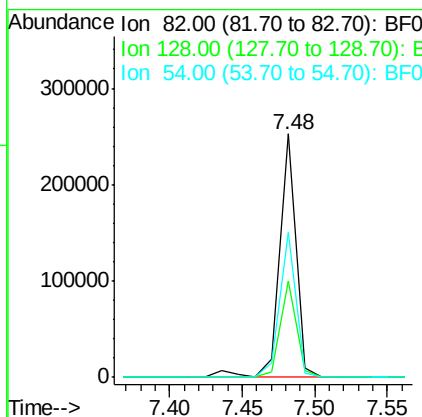
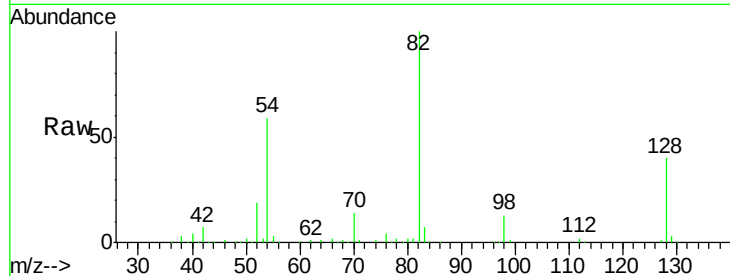




#23
 Nitrobenzene-d5
 Concen: 96.82 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

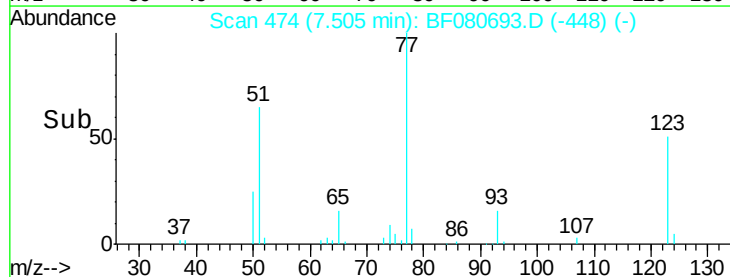
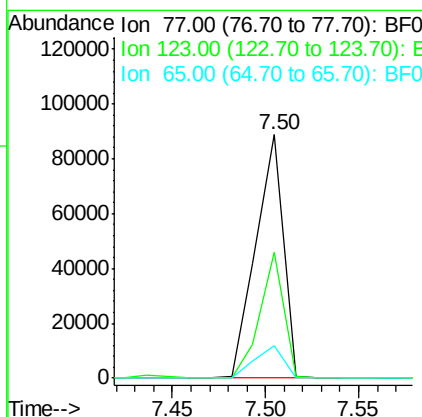
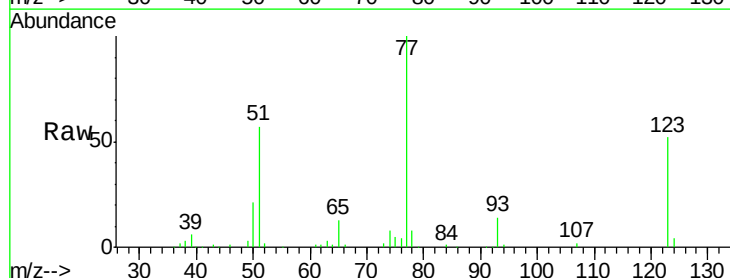
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

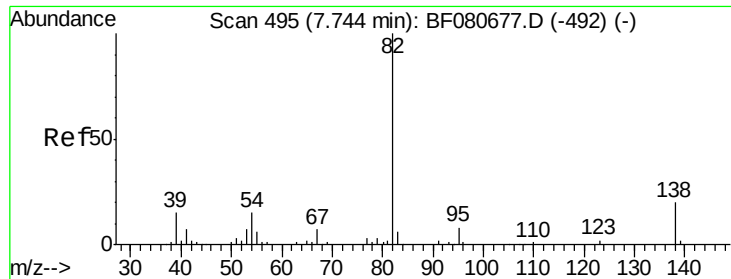
Tot Ion	82	Resp	201048
Ion Ratio	100	Lower	Upper
128	39.6	33.7	50.5
54	59.4	47.3	70.9



#24
 Nitrobenzene
 Concen: 44.27 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	77	Resp	90657
Ion Ratio	100	Lower	Upper
123	51.9	41.8	62.8
65	13.2	10.8	16.2





#25

Isophorone

Concen: 47.68 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

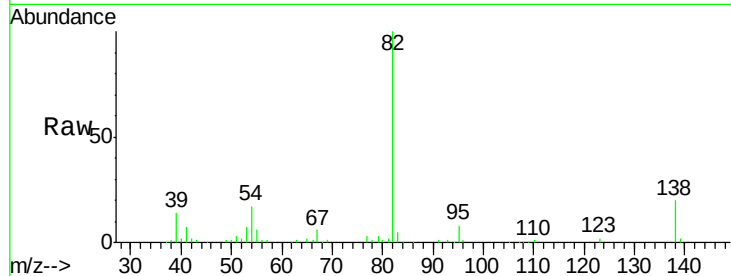
Tot Ion: 82 Resp: 154133

Ion Ratio Lower Upper

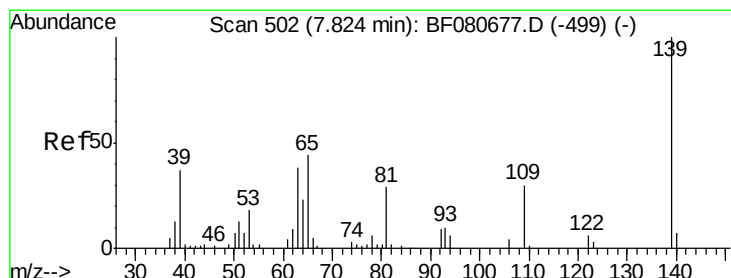
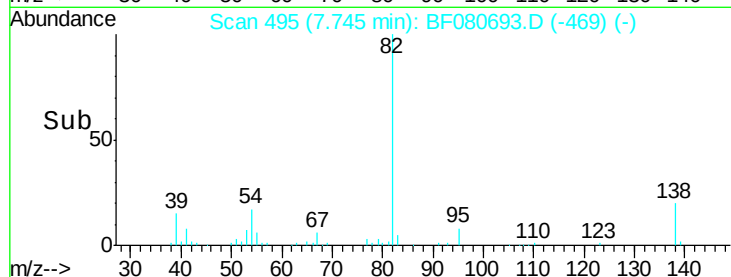
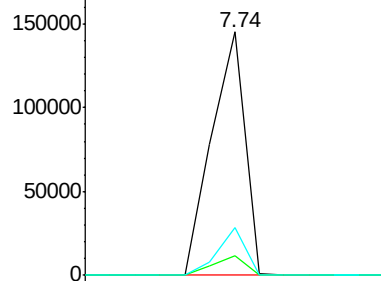
82 100

95 7.9 6.2 9.2

138 19.5 15.8 23.6



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: 47.77 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

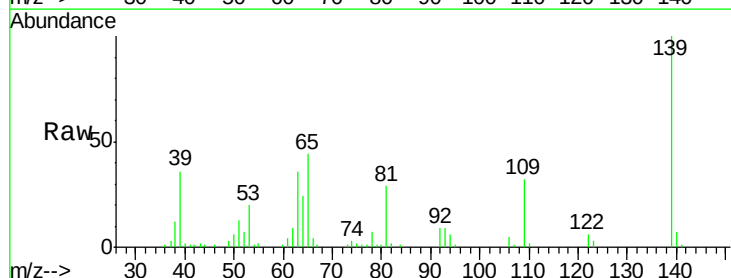
Tgt Ion: 139 Resp: 39469

Ion Ratio Lower Upper

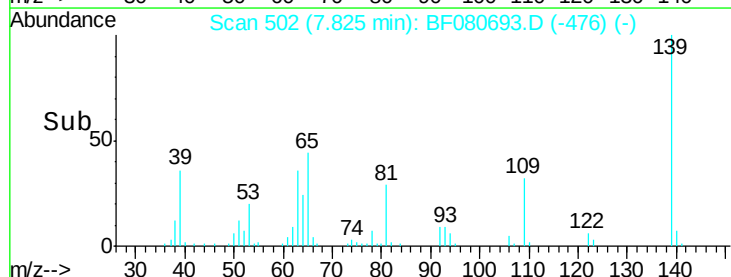
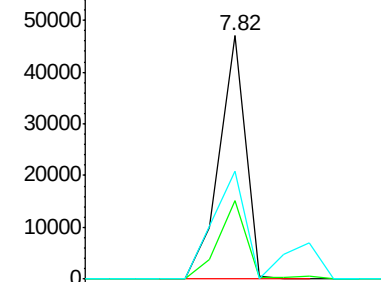
139 100

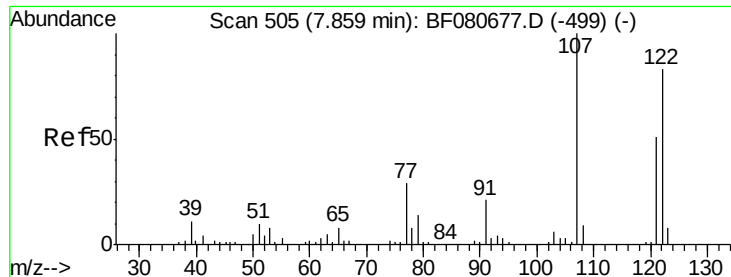
109 32.2 24.2 36.2

65 44.2 35.0 52.6



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: 47.39 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

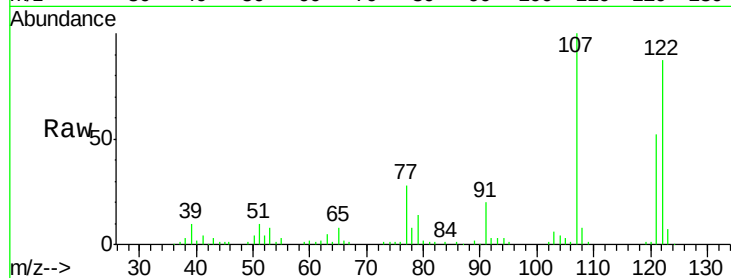
Tot Ion:122 Resp: 75520

Ion Ratio Lower Upper

122 100

107 115.3 95.8 143.8

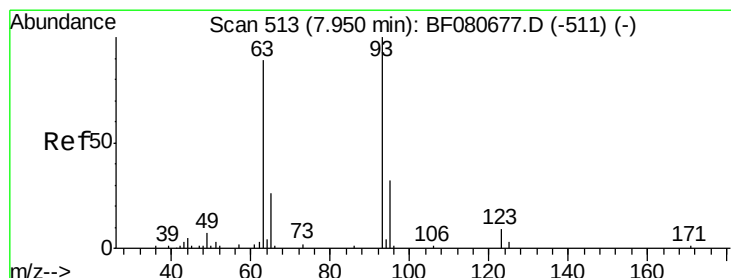
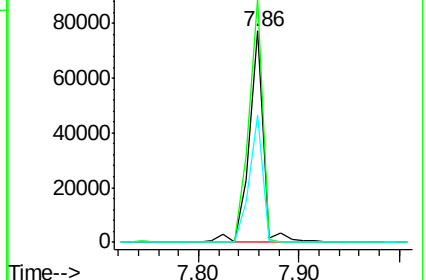
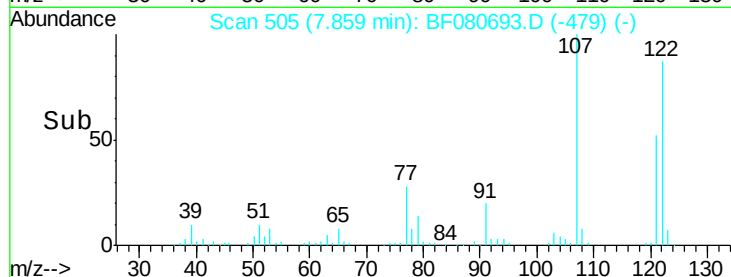
121 60.2 49.0 73.4



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: 47.18 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

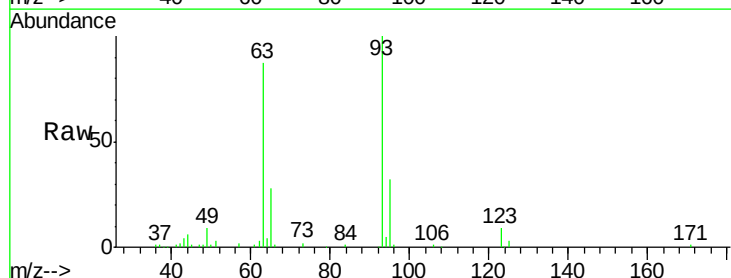
Tgt Ion: 93 Resp: 89560

Ion Ratio Lower Upper

93 100

95 31.7 25.3 37.9

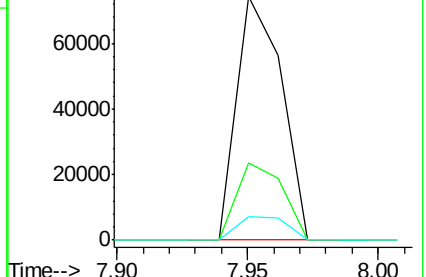
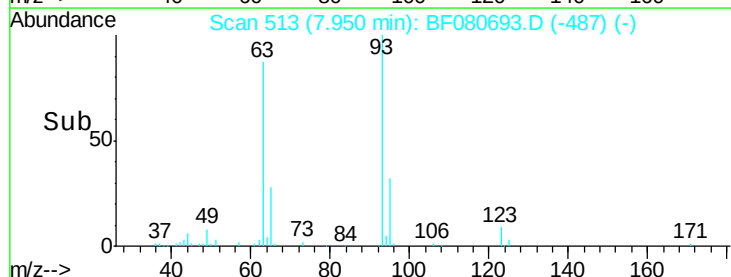
123 9.5 7.0 10.4

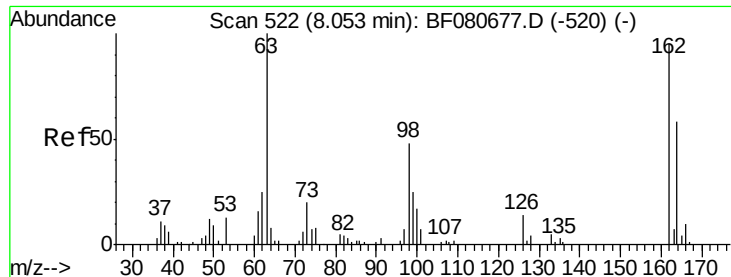


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

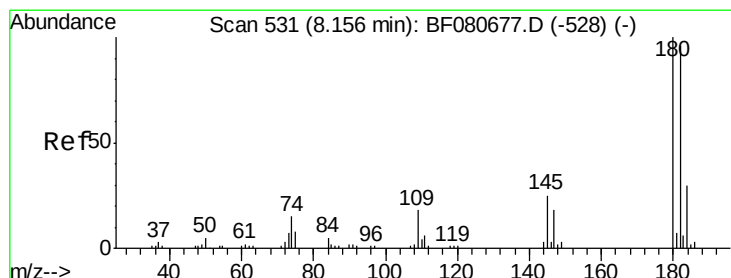
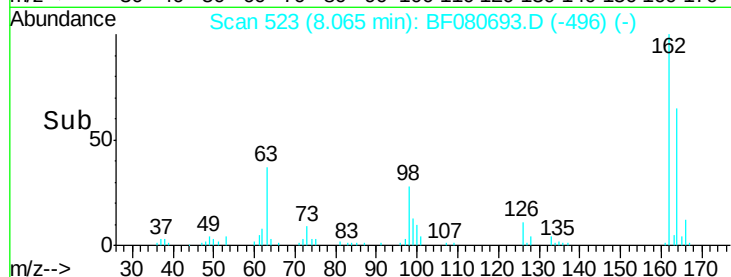
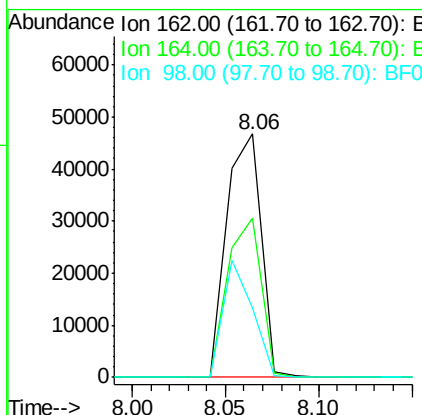
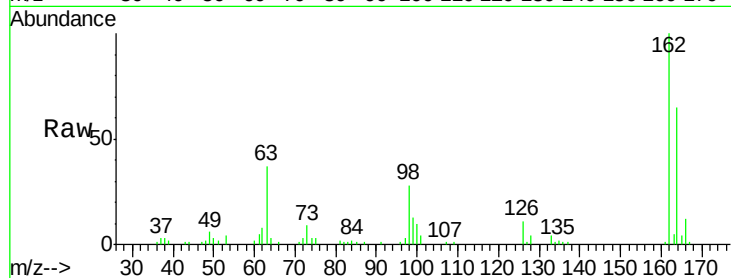




#29
 2,4-Dichlorophenol
 Concen: 45.16 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

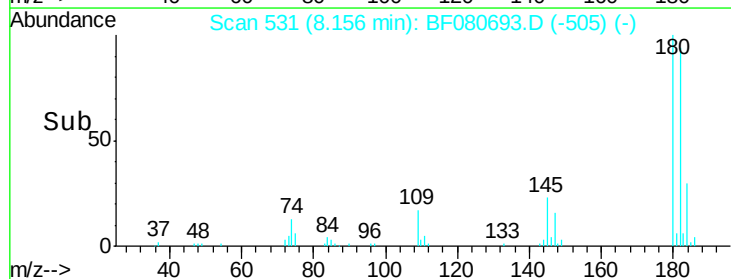
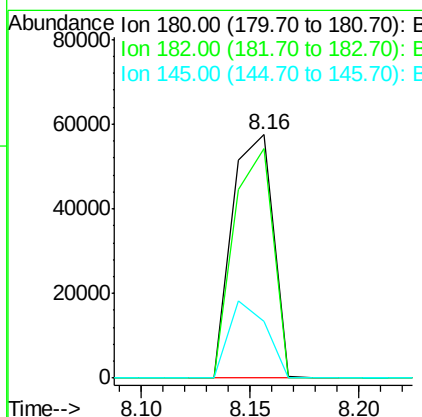
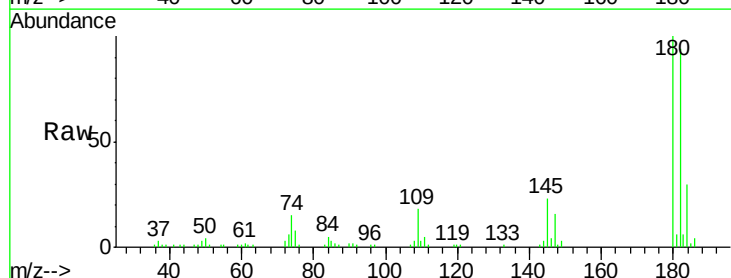
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

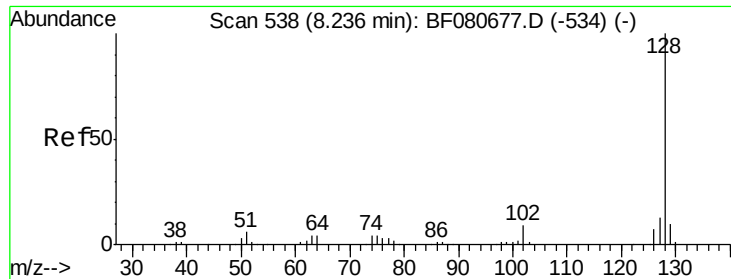
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	41.2	81.2
98	28.3	30.4	70.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.83 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.1	115.7
145	23.3	20.0	30.0

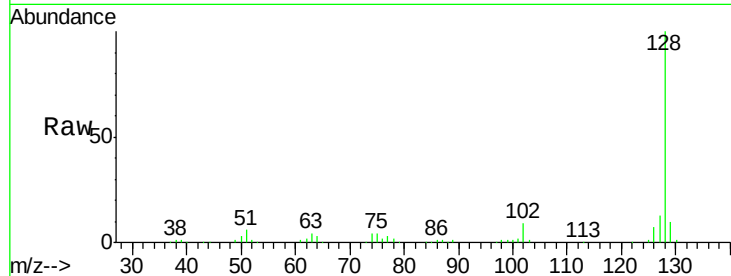




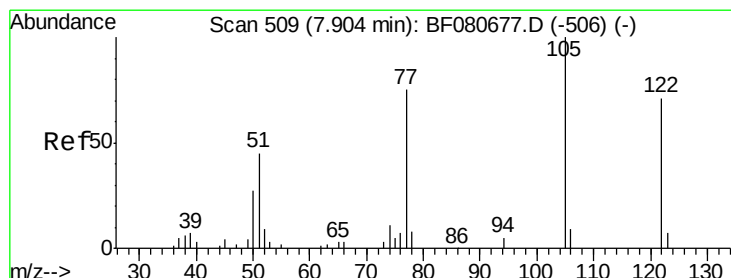
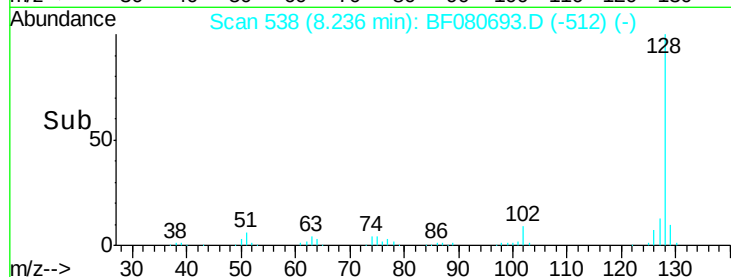
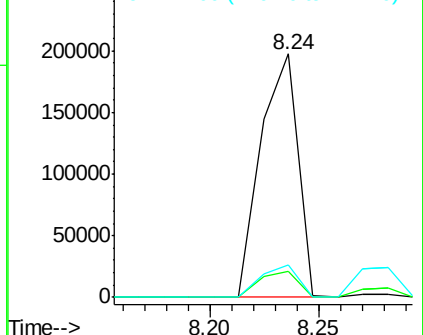
#31
Naphthalene
Concen: 45.01 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:128 Resp: 236195
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.2 10.5 15.7

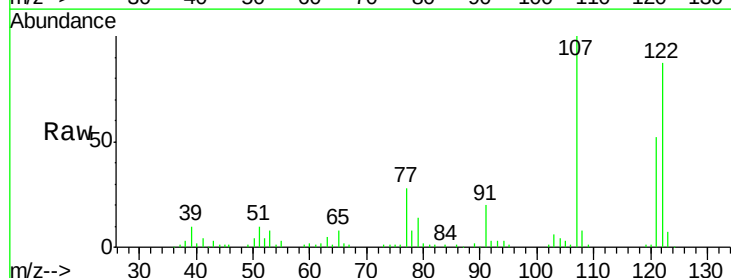


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

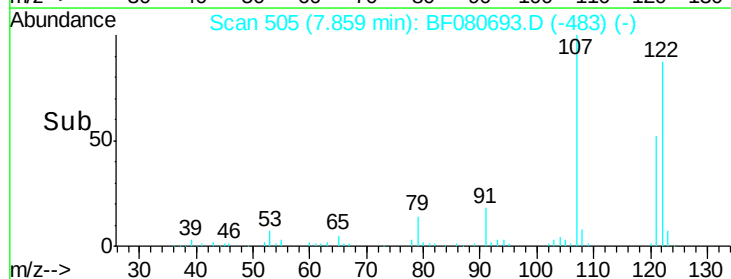
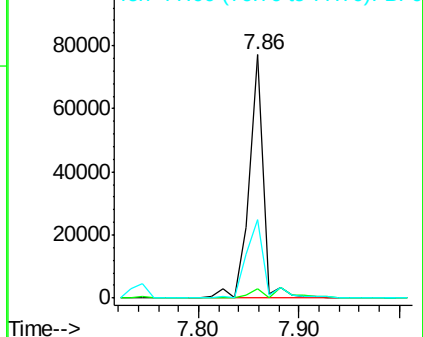


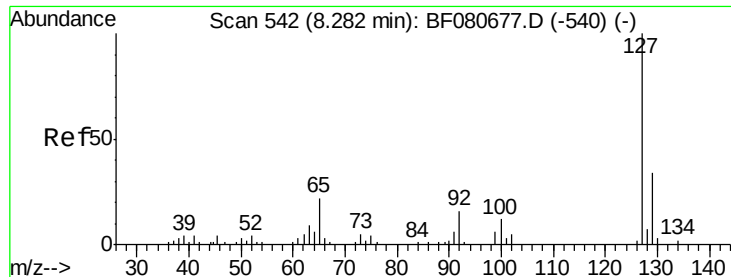
#32
Benzoic acid
Concen: 95.99 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:122 Resp: 75520
Ion Ratio Lower Upper
122 100
105 3.8 117.6 157.6#
77 32.1 86.6 126.6#



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

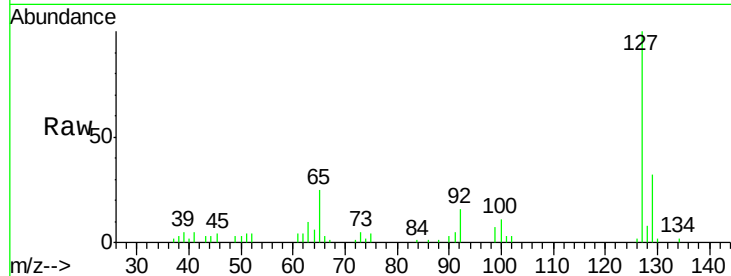




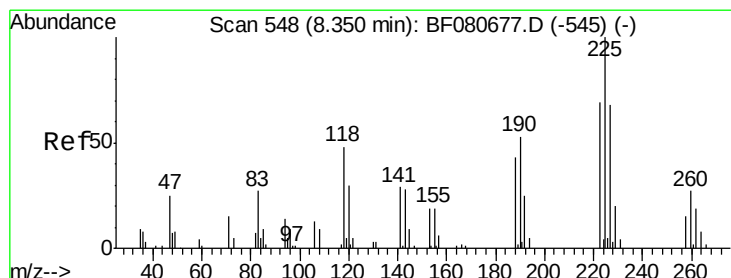
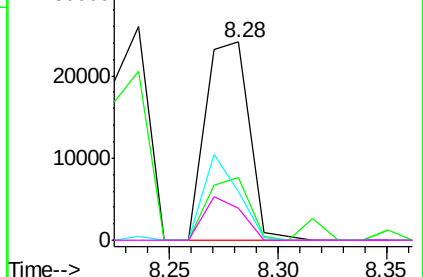
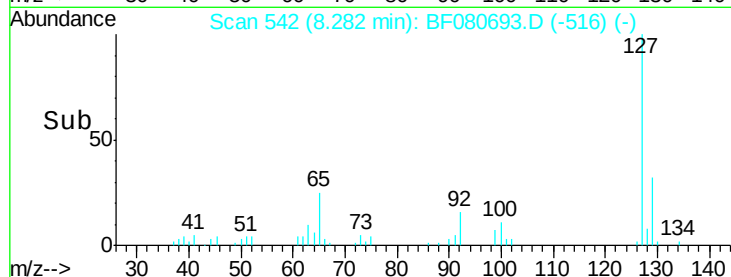
#33
4-Chloroaniline
Concen: 17.68 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:127	Resp:	33409
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.8 40.2
65	24.6	17.6 26.4
92	16.2	13.0 19.6

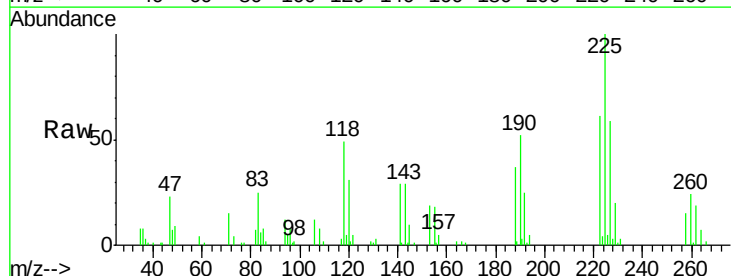


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

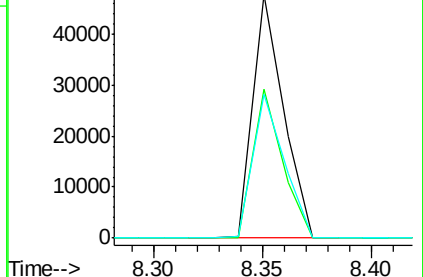
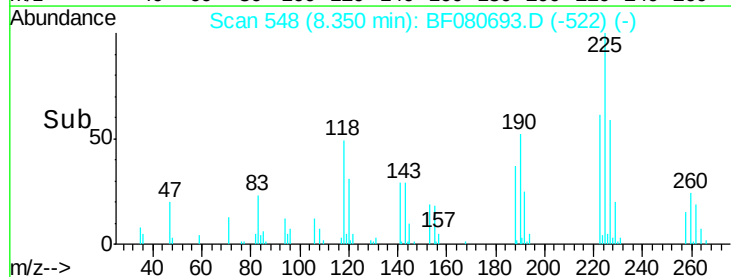


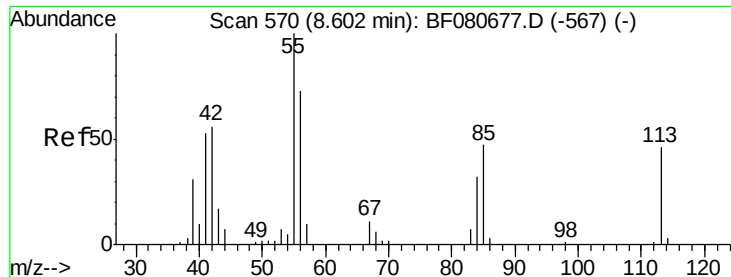
#34
Hexachlorobutadiene
Concen: 43.68 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:225	Resp:	46636
Ion Ratio	Lower	Upper
225	100	
223	61.0	55.0 82.6
227	59.2	54.0 81.0



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: 53.90 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

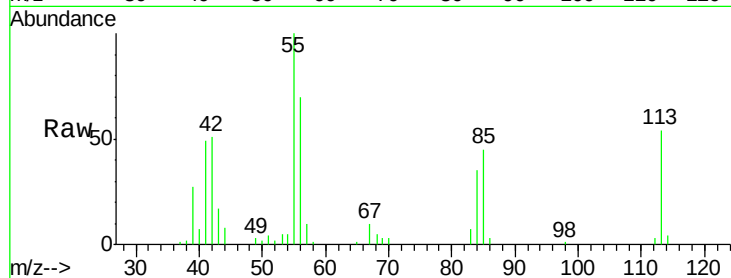
Tot Ion:113 Resp: 14719

Ion Ratio Lower Upper

113 100

55 186.6 198.5 238.5#

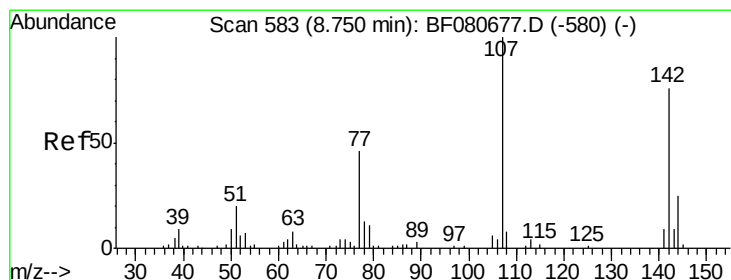
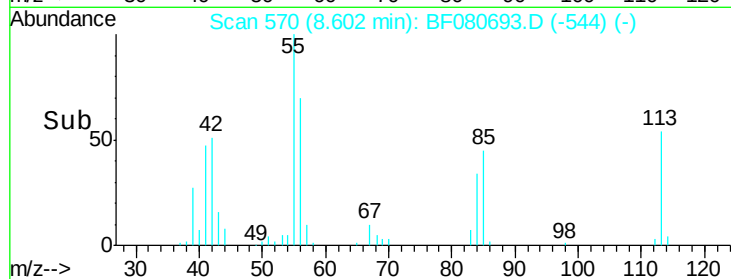
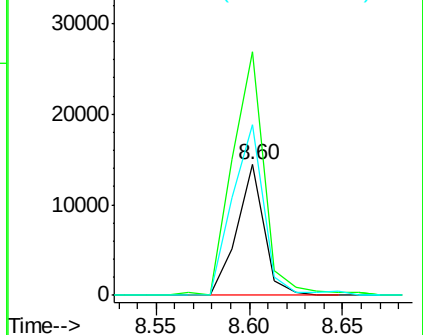
56 130.7 139.5 179.5#



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: 46.52 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

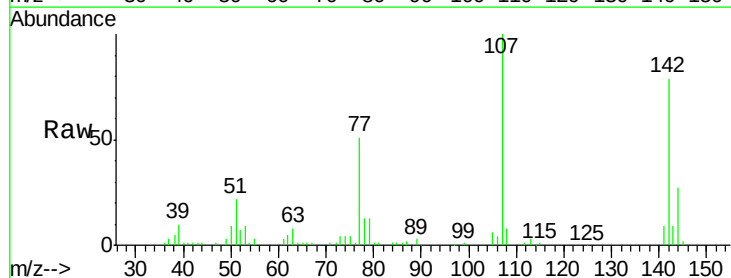
Tgt Ion:107 Resp: 63452

Ion Ratio Lower Upper

107 100

144 27.1 20.0 30.0

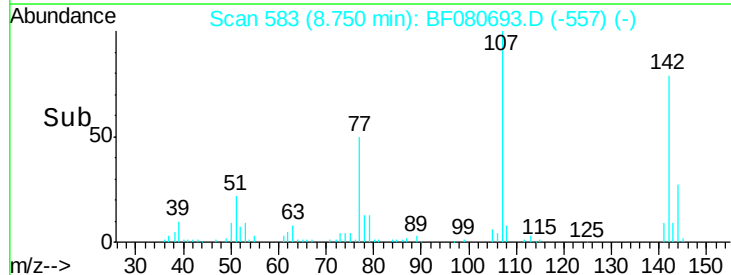
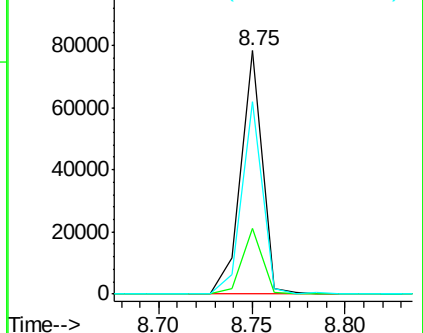
142 78.9 61.0 91.6

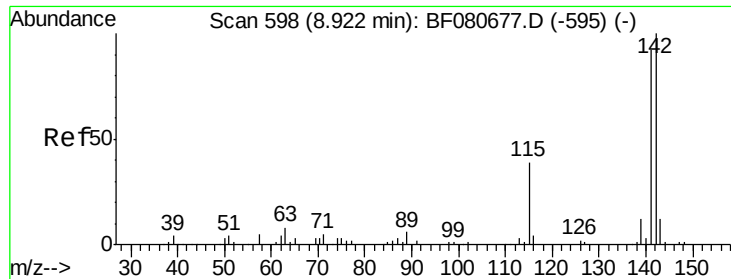


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

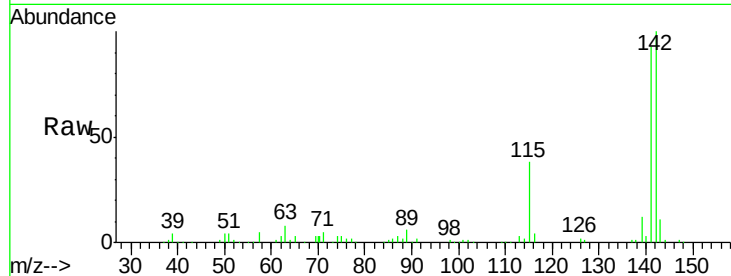




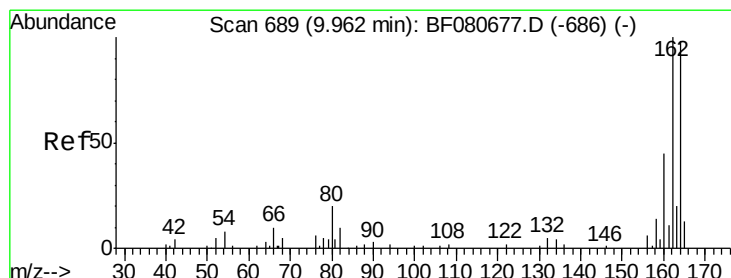
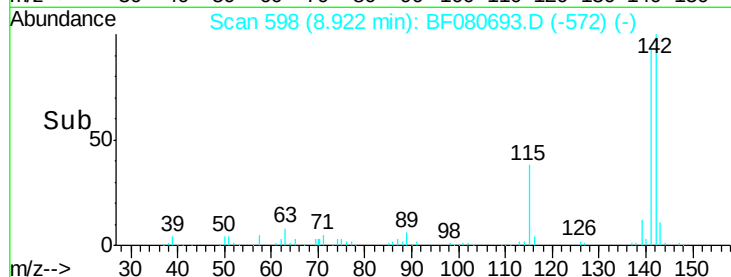
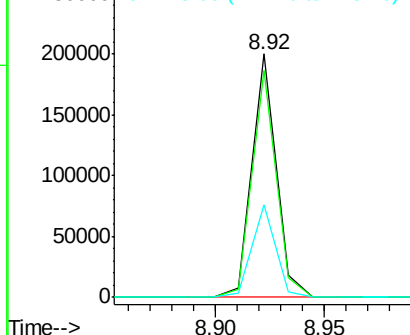
#37
2-Methylnaphthalene
Concen: 46.31 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.0
115	38.0	31.0	46.4

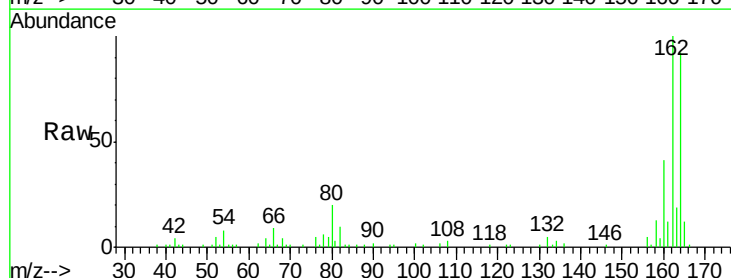


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

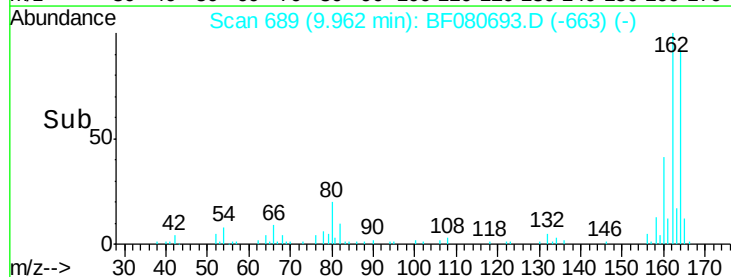
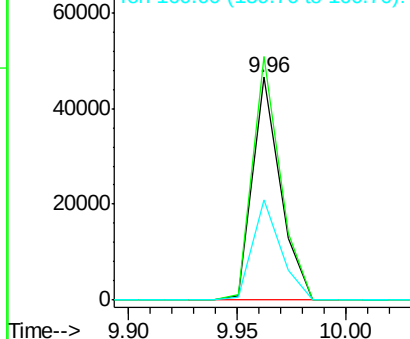


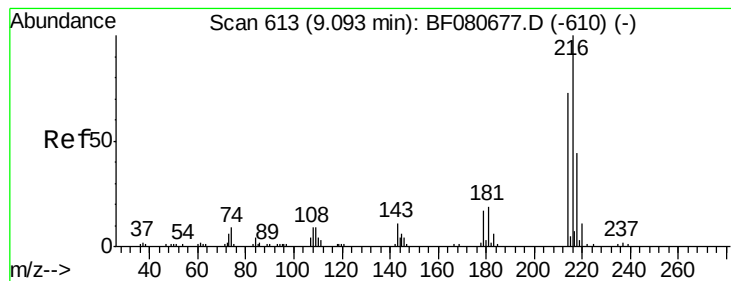
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.1	82.0	123.0
160	44.9	36.7	55.1



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: 42.19 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

Tot Ion:216 Resp: 64349

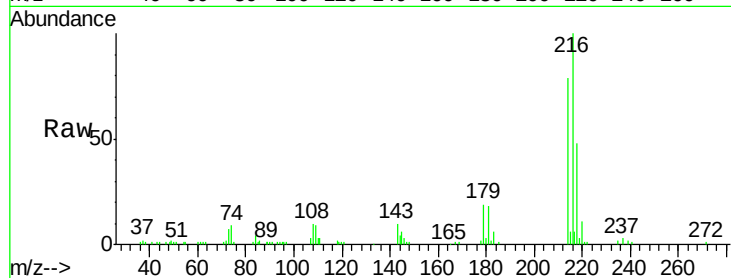
Ion Ratio Lower Upper

216 100

214 79.2 61.6 92.4

179 22.0 17.4 26.0

108 20.8 16.2 24.2

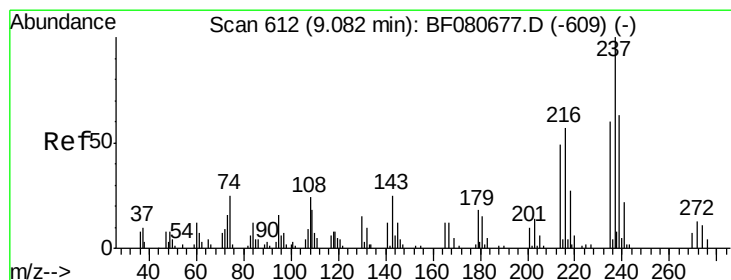
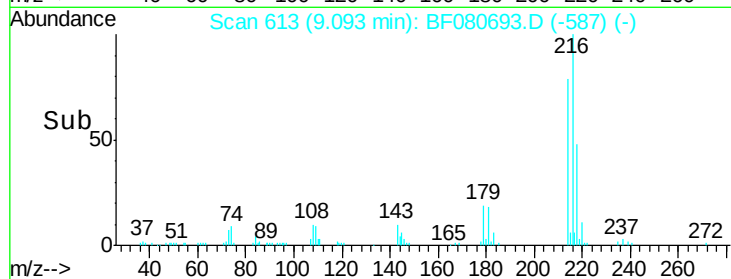
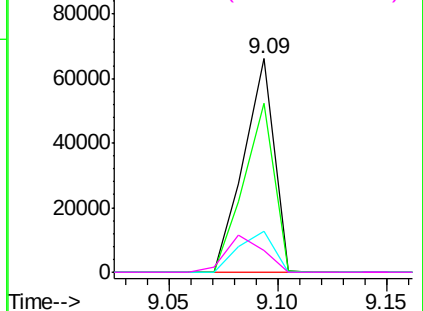


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.71 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

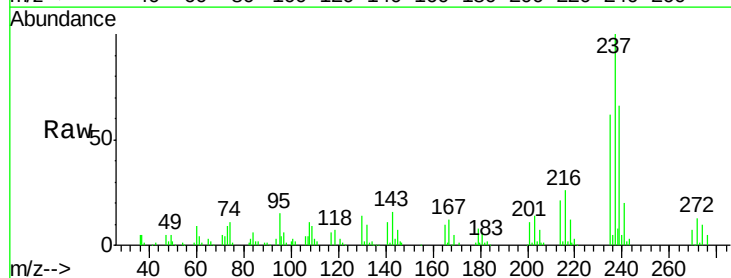
Tgt Ion:237 Resp: 81472

Ion Ratio Lower Upper

237 100

235 62.1 40.5 80.5

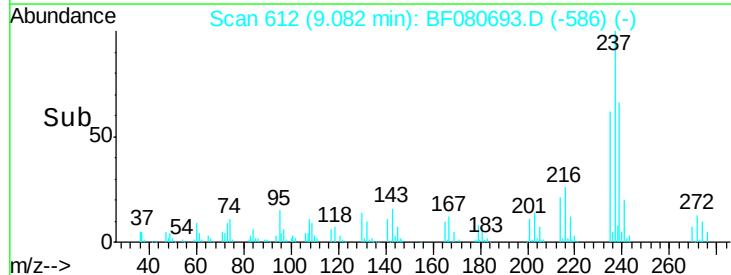
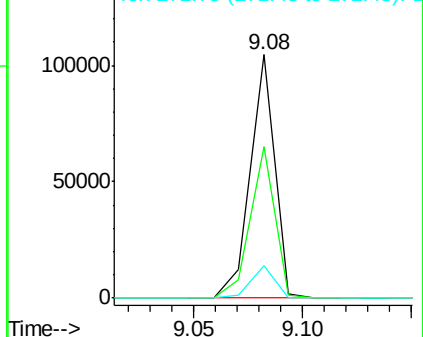
272 13.1 0.0 33.5

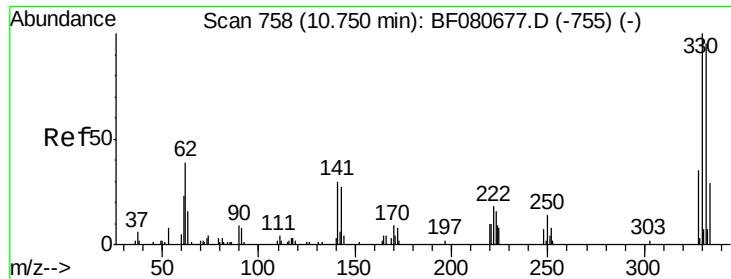


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

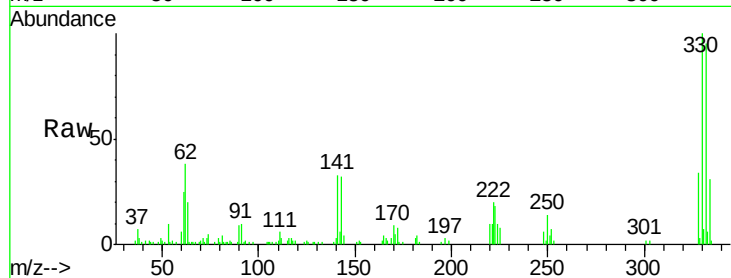




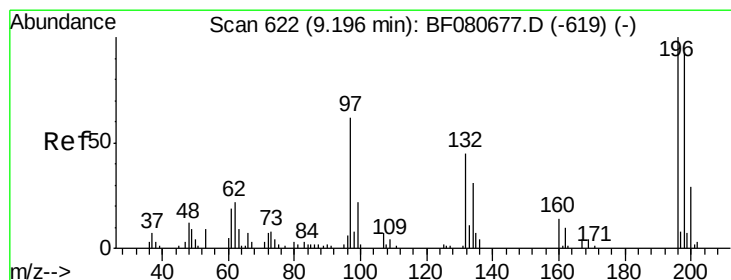
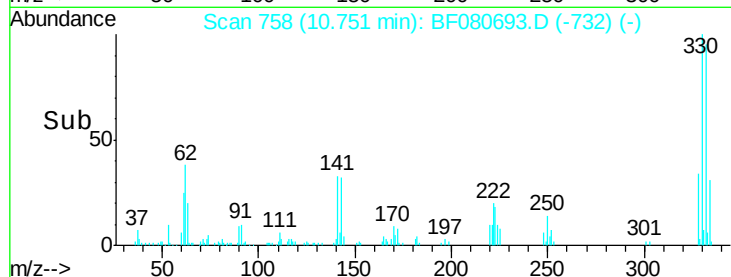
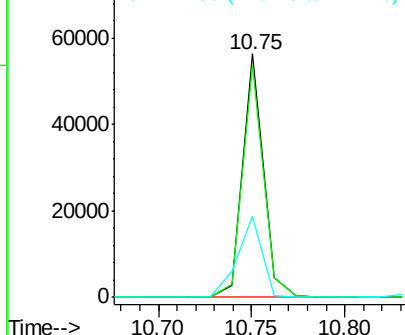
#41
 2,4,6-Tribromophenol
 Concen: 121.10 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	39.0	30.6	45.8

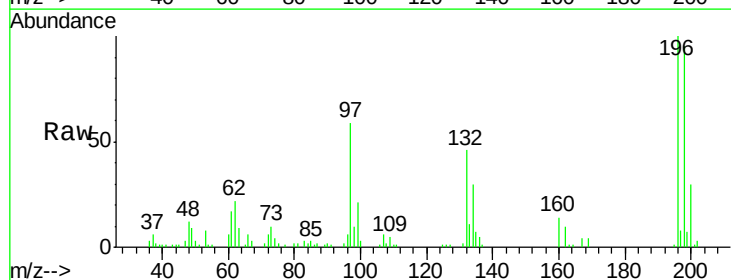


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

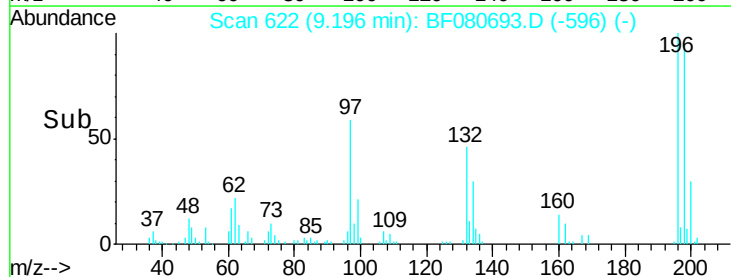
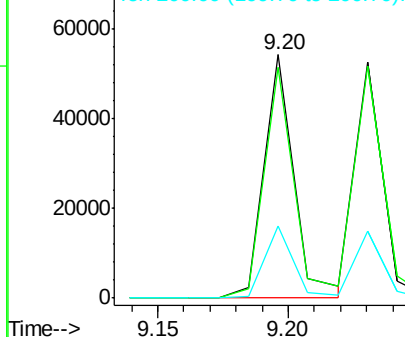


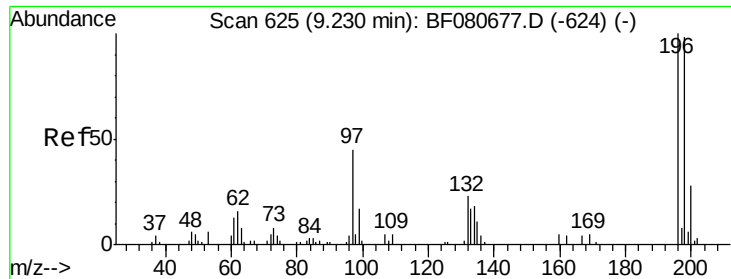
#42
 2,4,6-Trichlorophenol
 Concen: 43.10 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.4	111.6
200	29.8	23.6	35.4



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

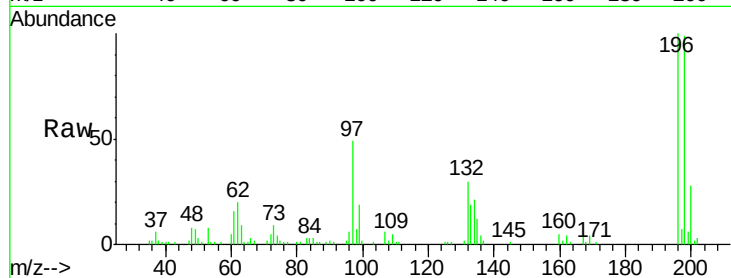




#43
 2,4,5-Trichlorophenol
 Concen: 41.79 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	98.6	77.3	115.9	
97	49.1	39.6	59.4	
132	29.7	20.7	31.1	



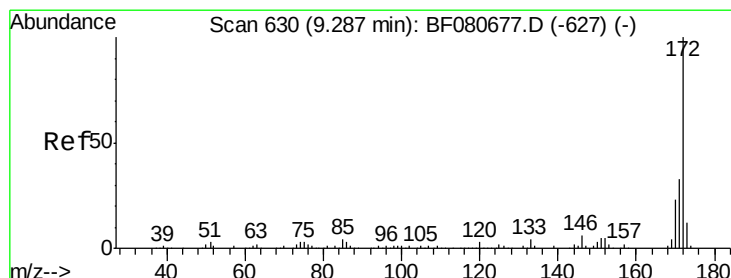
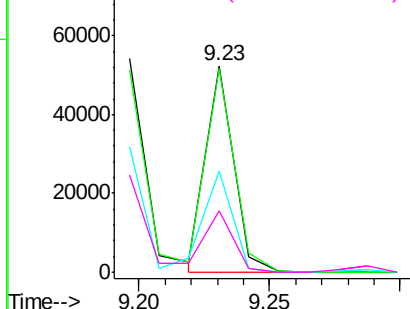
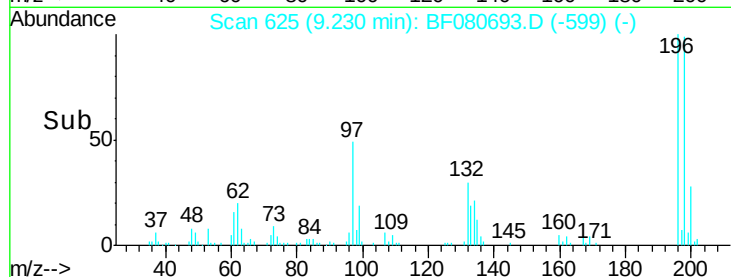
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

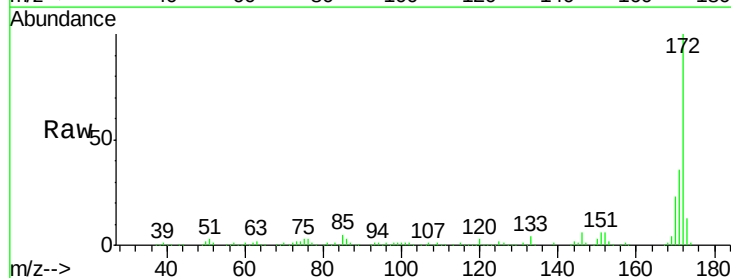
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.72 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.6	26.6	39.8	
170	23.1	18.6	28.0	

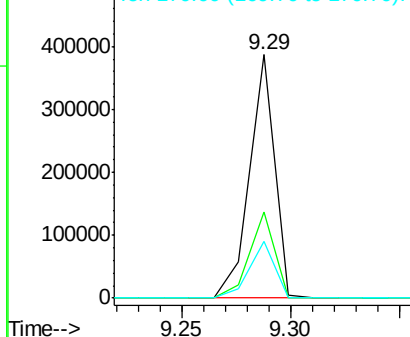
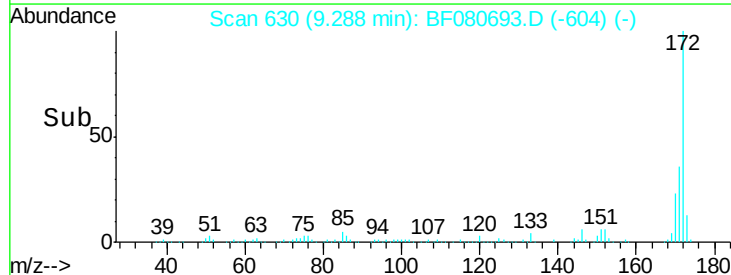


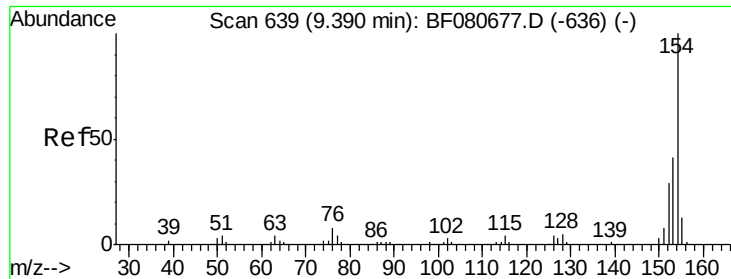
Abundance

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: 45.93 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

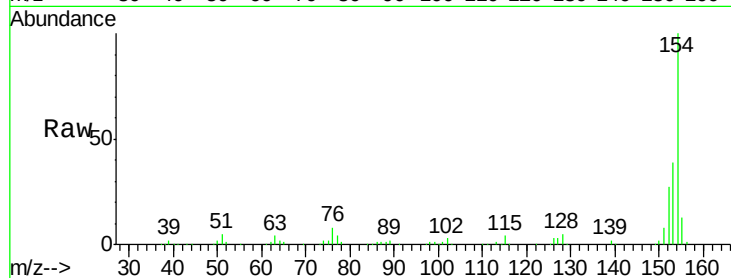
Tot Ion:154 Resp: 159827

Ion Ratio Lower Upper

154 100

153 38.9 21.1 61.1

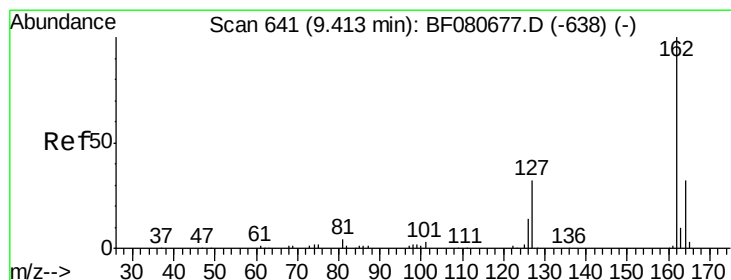
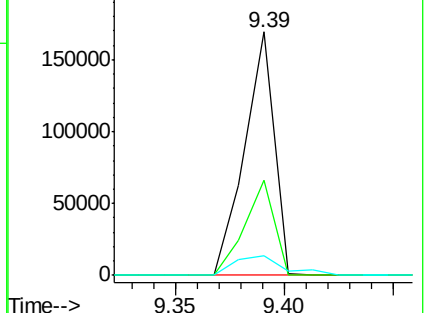
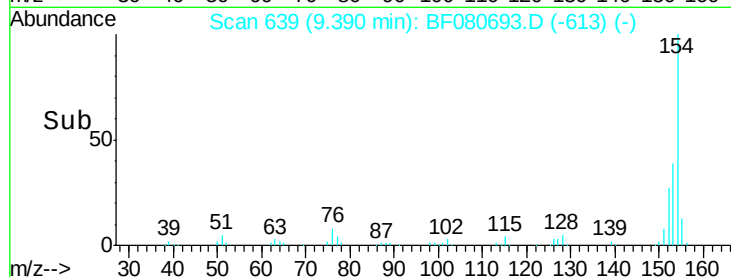
76 7.9 0.0 28.0



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: 43.33 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

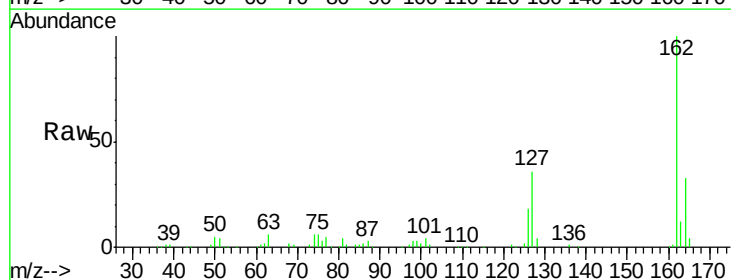
Tgt Ion:162 Resp: 126125

Ion Ratio Lower Upper

162 100

127 36.3 27.2 40.8

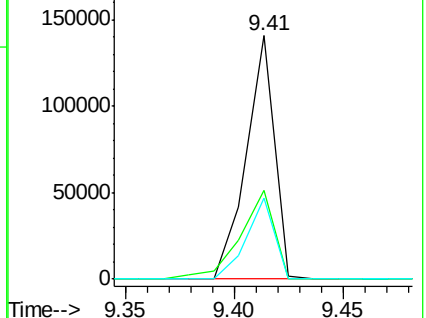
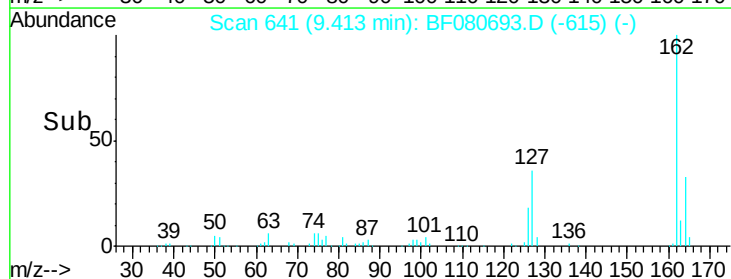
164 33.1 25.8 38.6

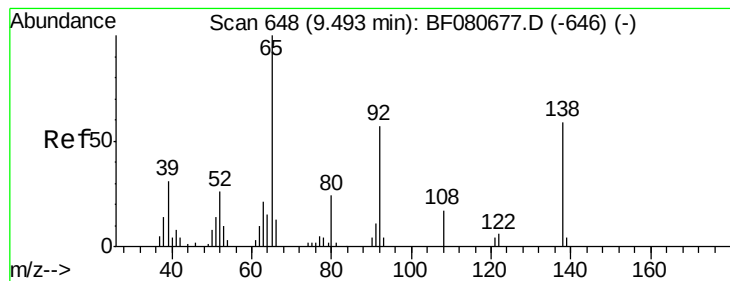


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.00 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

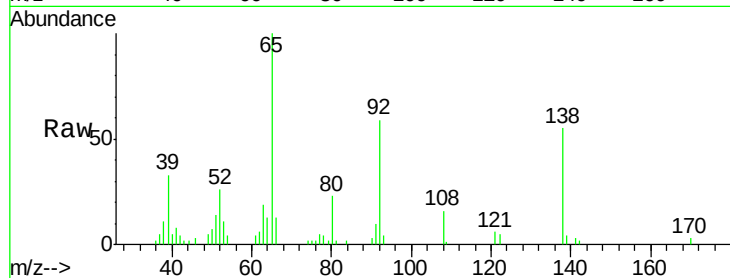
Tot Ion: 65 Resp: 32196

Ion Ratio Lower Upper

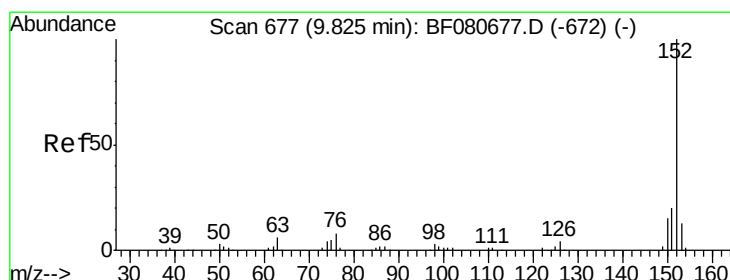
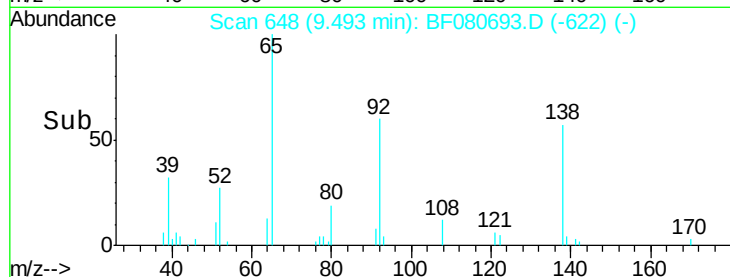
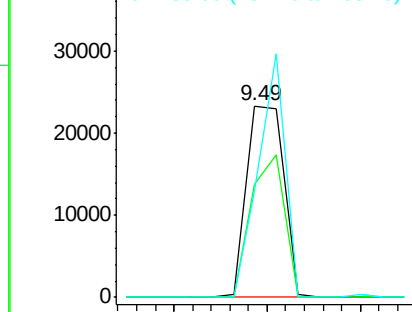
65 100

92 58.9 45.9 68.9

138 55.5 47.0 70.4



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



#48

Acenaphthylene

Concen: 43.15 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

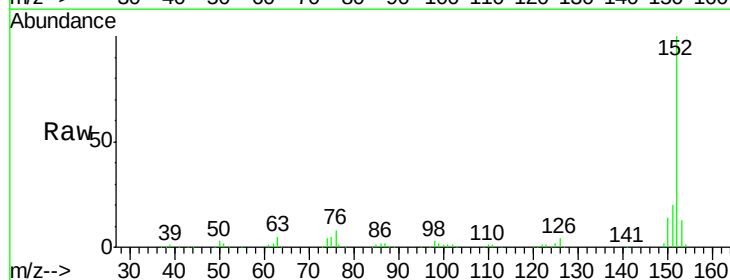
Tgt Ion: 152 Resp: 197672

Ion Ratio Lower Upper

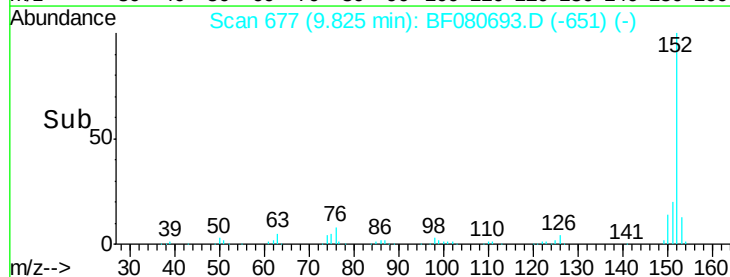
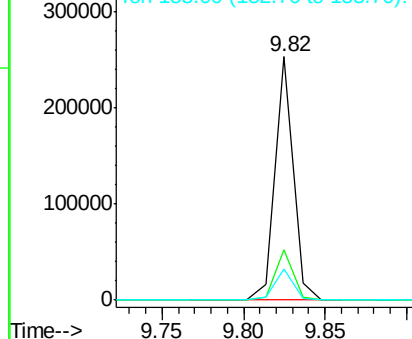
152 100

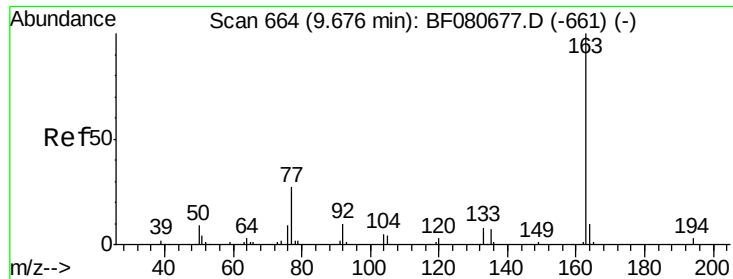
151 20.5 15.7 23.5

153 13.0 10.2 15.4



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

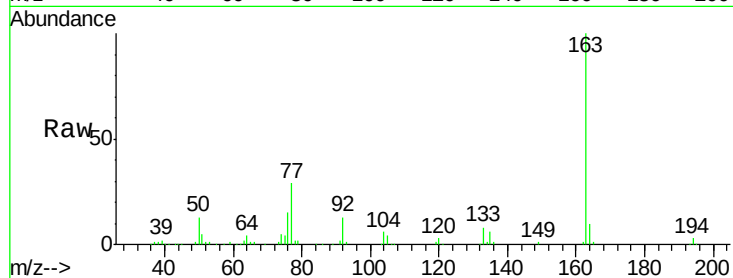




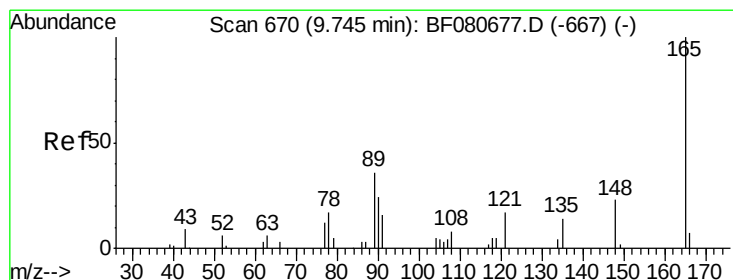
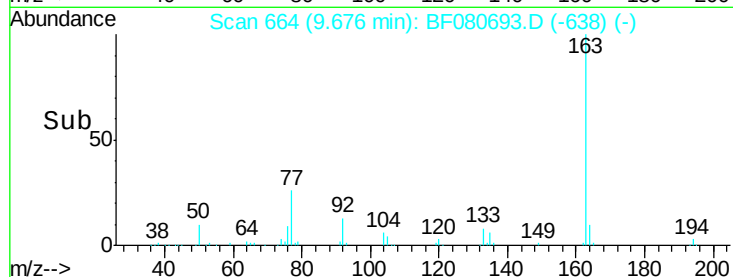
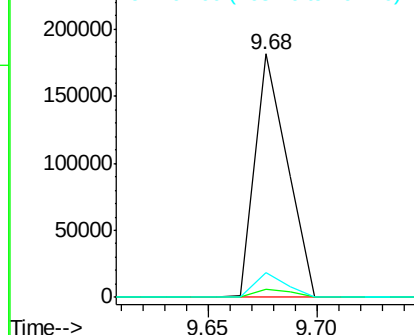
#49
Dimethylphthalate
Concen: 69.42 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:163 Resp: 186966
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 10.4 8.1 12.1

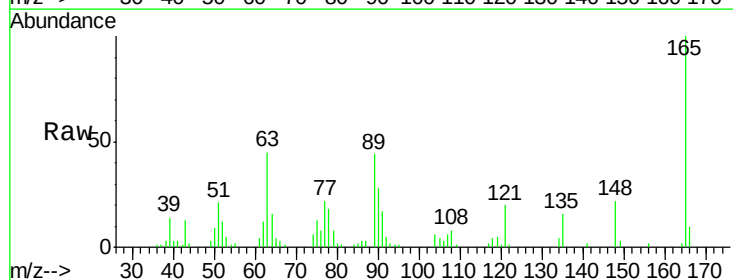


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

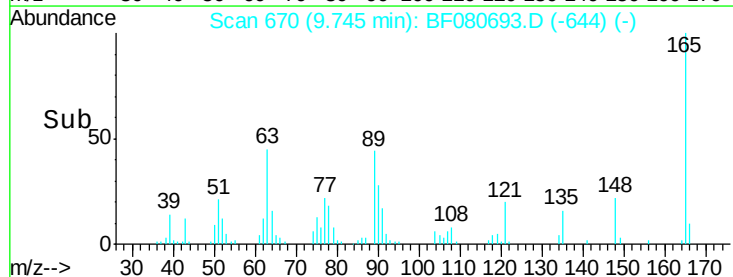
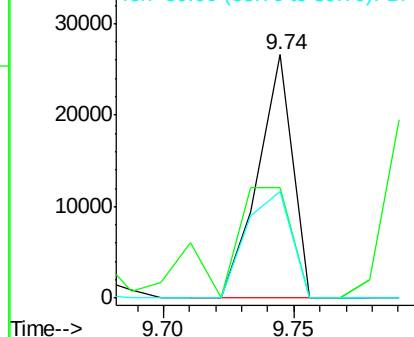


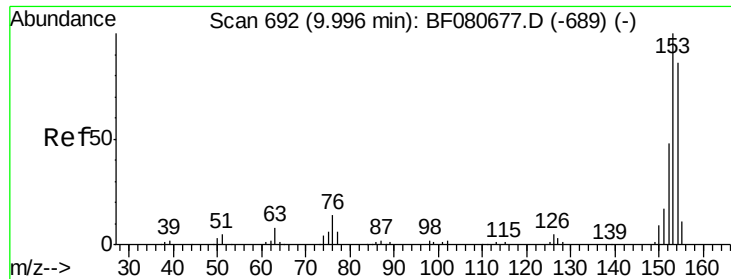
#50
2,6-Dinitrotoluene
Concen: 46.32 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:165 Resp: 24696
Ion Ratio Lower Upper
165 100
63 45.2 27.1 40.7#
89 43.7 29.0 43.6#



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: 42.74 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

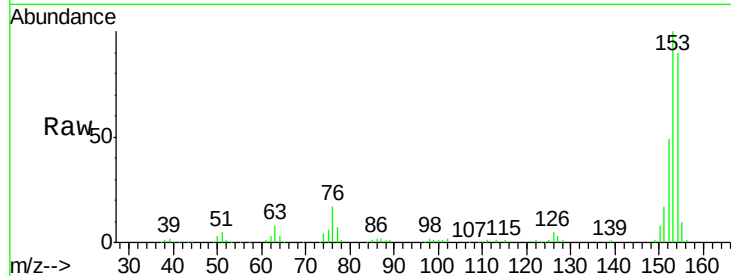
Tot Ion:154 Resp: 115144

Ion Ratio Lower Upper

154 100

153 111.7 92.8 139.2

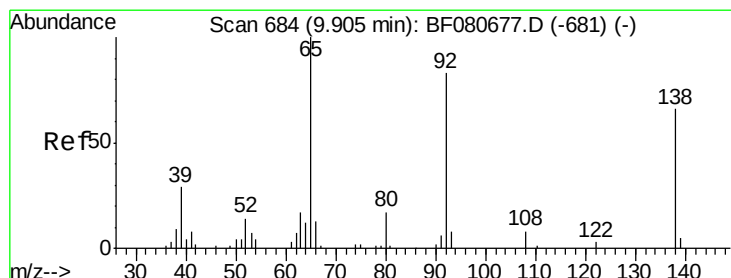
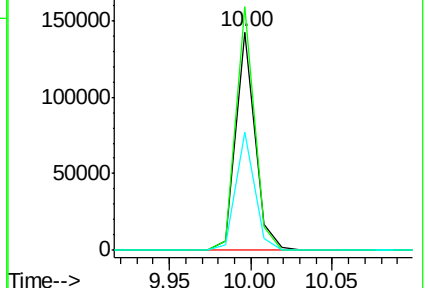
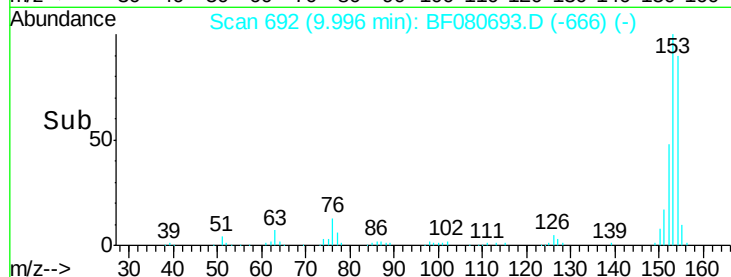
152 54.3 44.6 66.8



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: 29.62 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

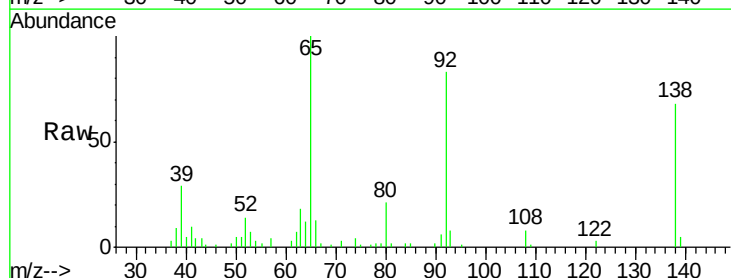
Tgt Ion:138 Resp: 17937

Ion Ratio Lower Upper

138 100

108 12.0 10.3 15.5

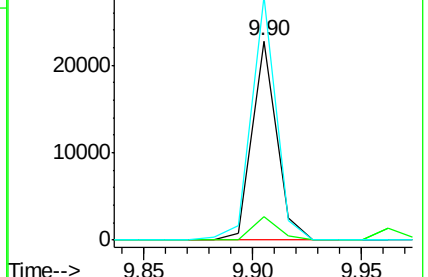
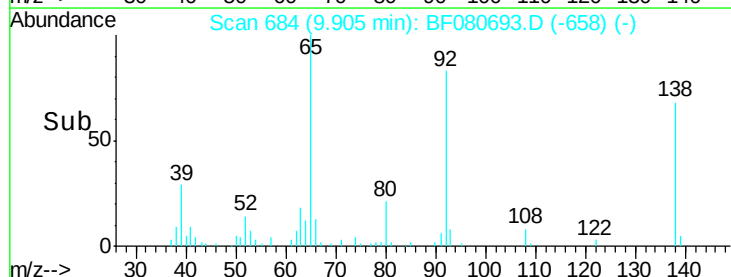
92 122.3 100.6 151.0

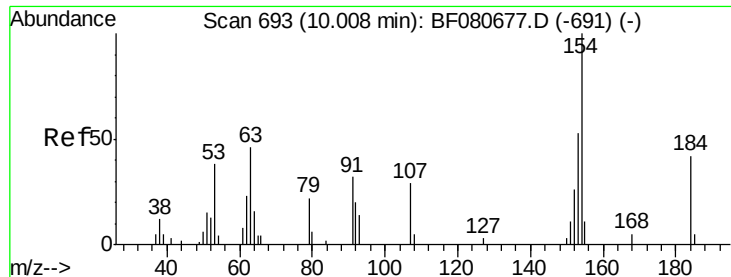


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

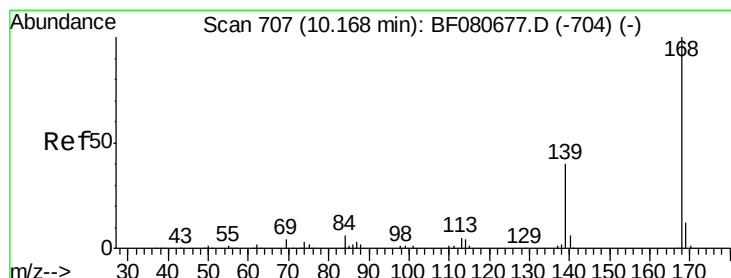
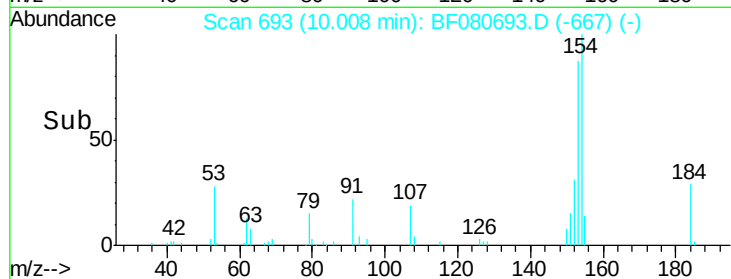
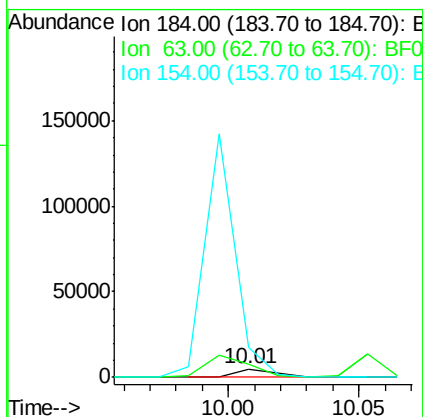
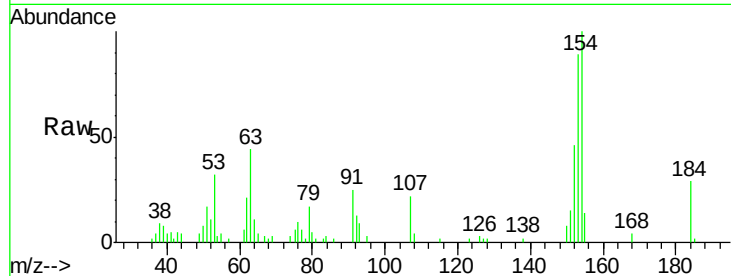




#53
 2,4-Dinitrophenol
 Concen: 37.10 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

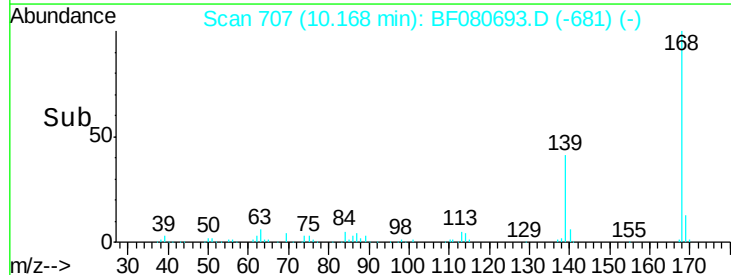
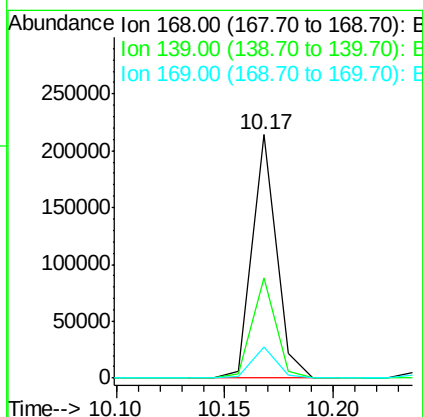
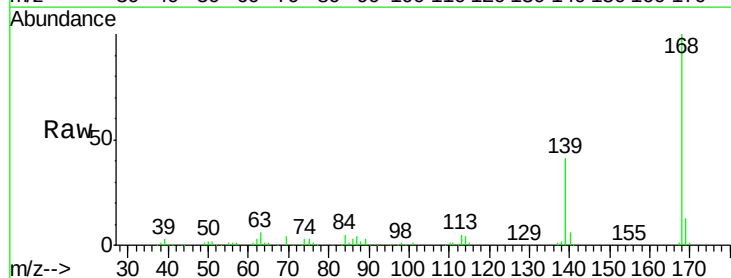
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

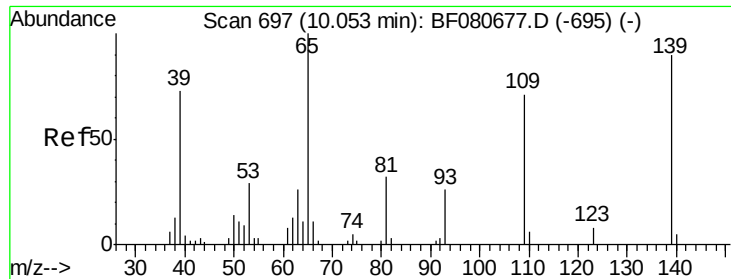
Tot Ion:184 Resp: 5061
 Ion Ratio Lower Upper
 184 100
 63 148.6 104.5 156.7
 154 341.2 276.3 414.5



#54
 Dibenzofuran
 Concen: 44.81 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion:168 Resp: 165693
 Ion Ratio Lower Upper
 168 100
 139 41.1 31.8 47.8
 169 12.7 9.8 14.6

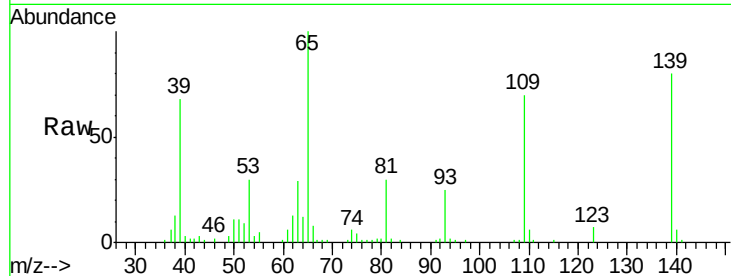




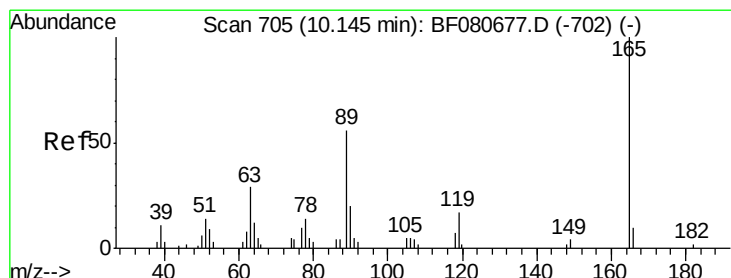
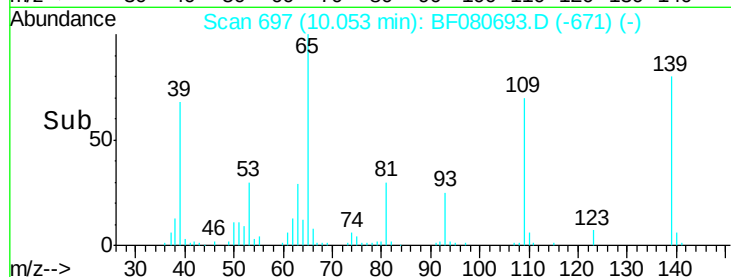
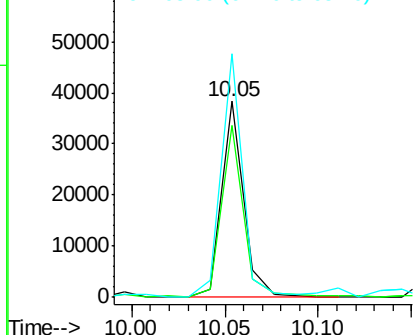
#55
4-Nitrophenol
Concen: 78.12 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:139 Resp: 31674
Ion Ratio Lower Upper
139 100
109 87.6 58.4 98.4
65 124.3 90.5 130.5

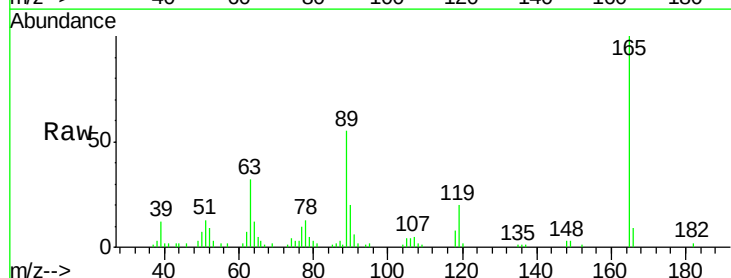


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

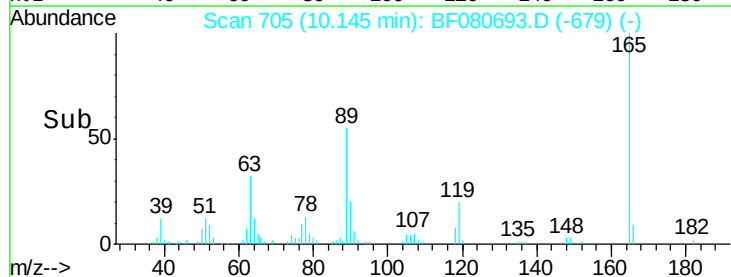
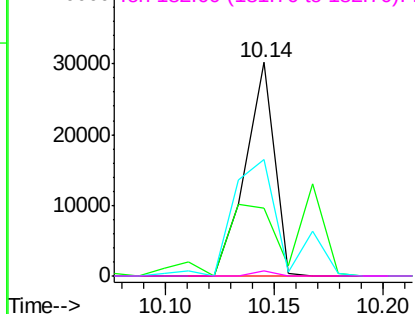


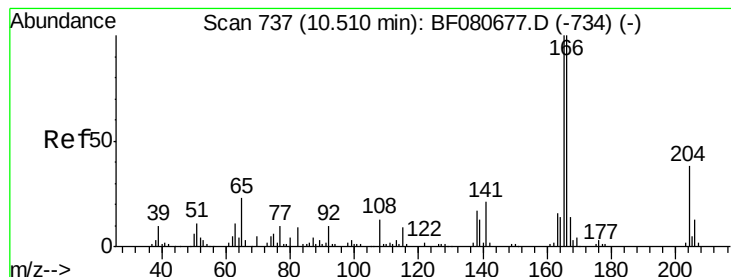
#56
2,4-Dinitrotoluene
Concen: 45.88 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:165 Resp: 27884
Ion Ratio Lower Upper
165 100
63 31.9 23.2 34.8
89 54.8 44.6 67.0
182 2.2 1.9 2.9



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: 43.46 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

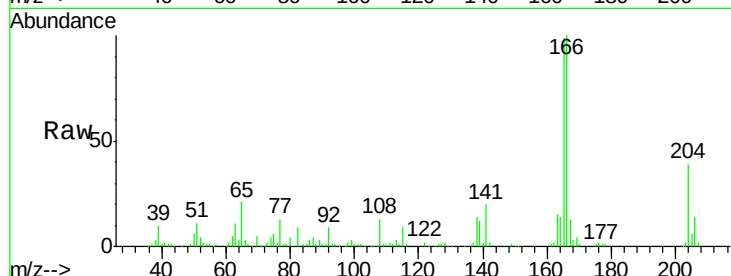
Tot Ion:166 Resp: 122100

Ion Ratio Lower Upper

166 100

165 99.1 80.2 120.4

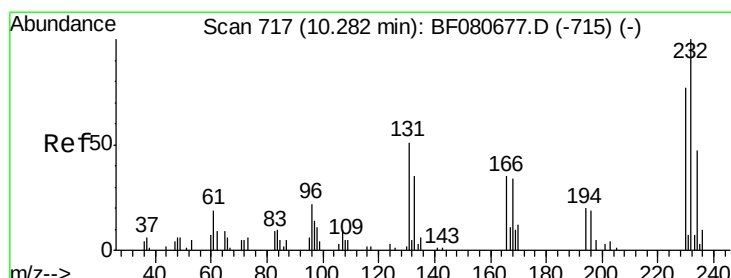
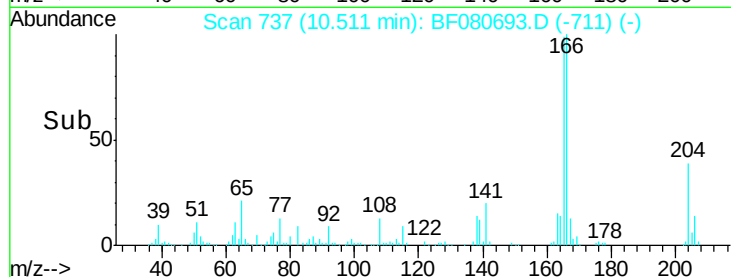
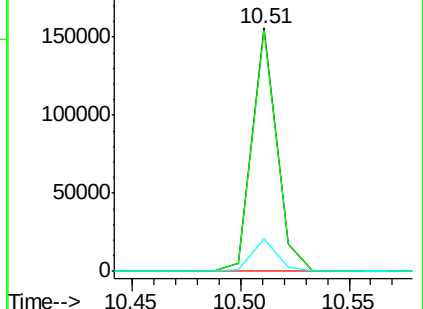
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.20 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:232 Resp: 26251

Ion Ratio Lower Upper

232 100

131 51.0 33.4 50.0#

130 0.9 1.5 2.3#

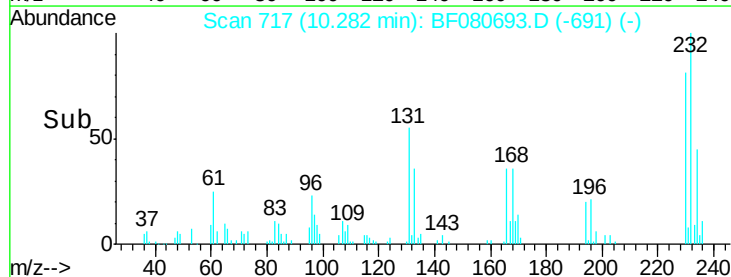
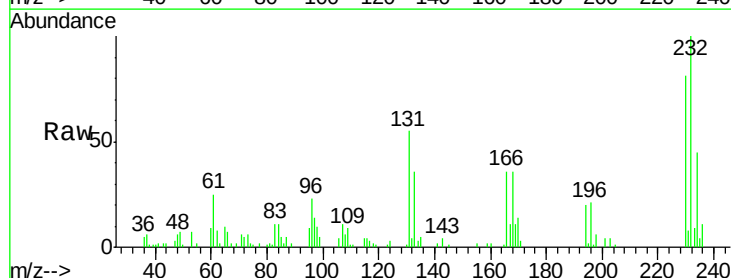
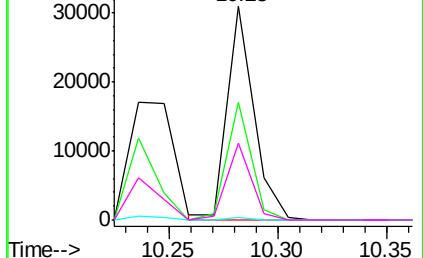
166 33.4 21.9 32.9#

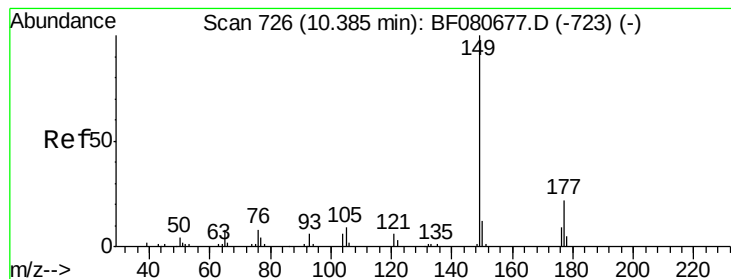
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.93 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

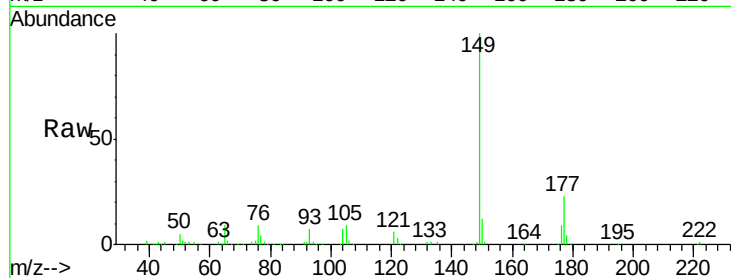
Tot Ion:149 Resp: 120056

Ion Ratio Lower Upper

149 100

177 23.0 17.4 26.2

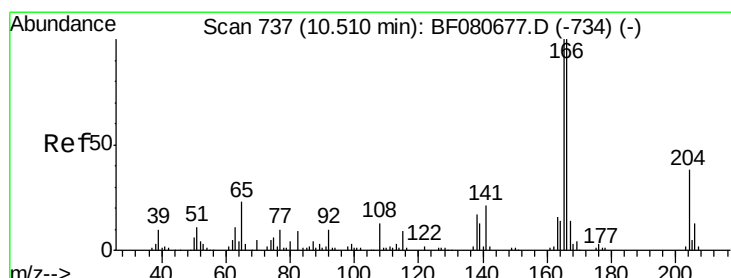
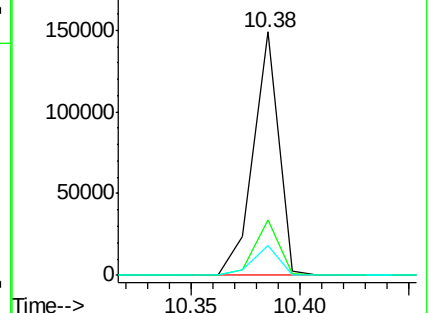
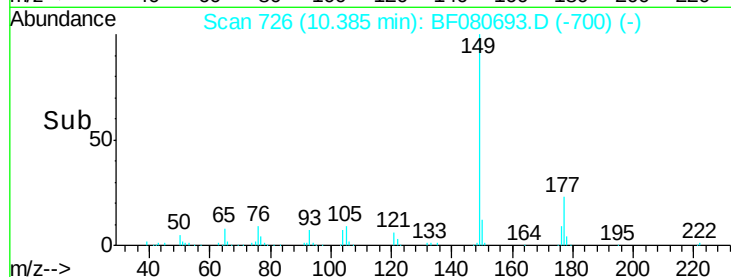
150 12.1 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.66 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

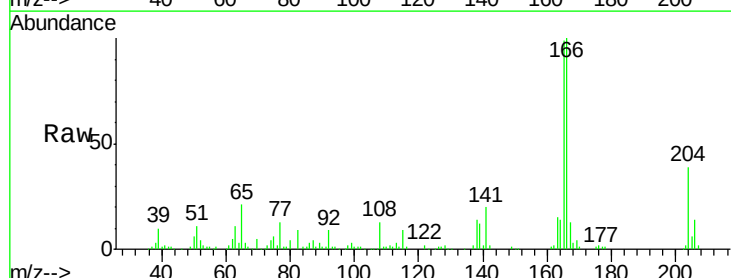
Tgt Ion:204 Resp: 52759

Ion Ratio Lower Upper

204 100

206 34.7 26.5 39.7

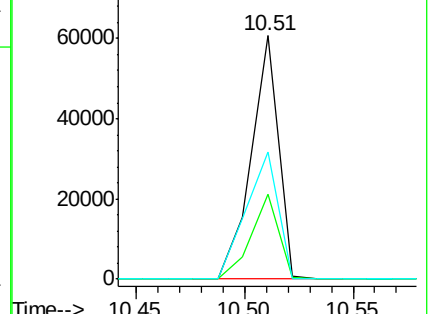
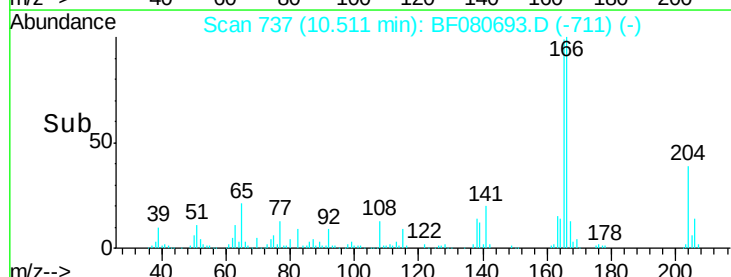
141 52.4 43.8 65.6

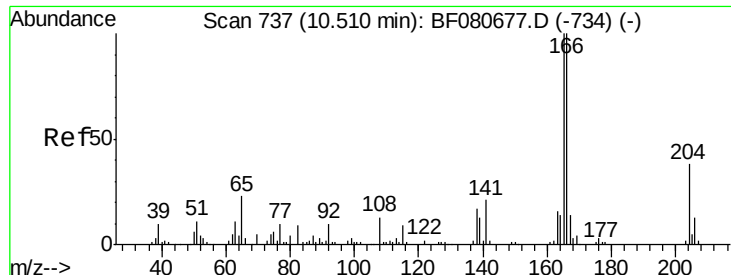


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

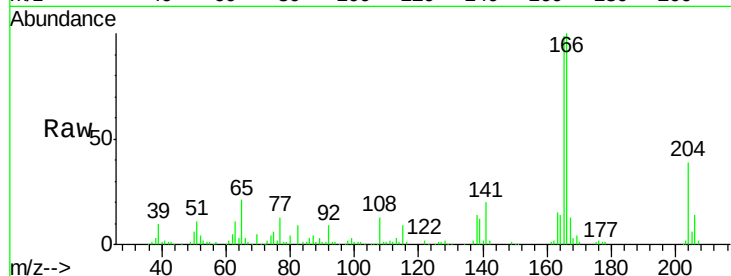




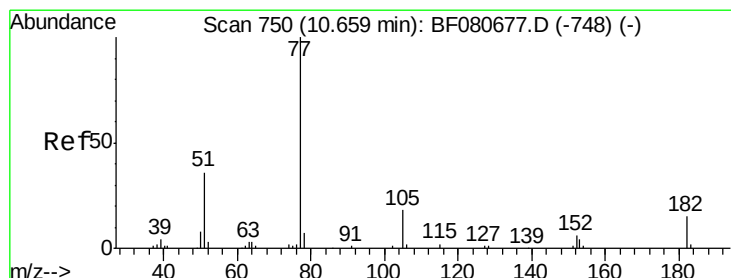
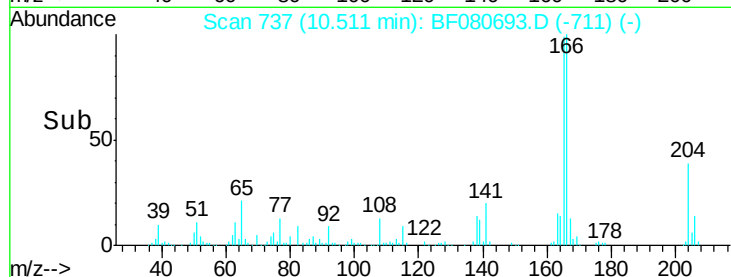
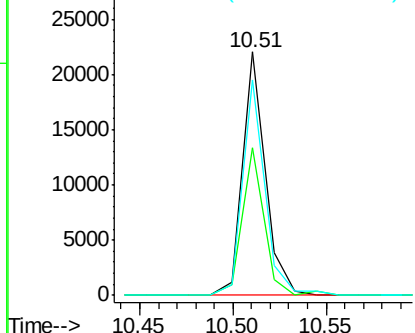
#61
4-Nitroaniline
Concen: 36.45 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:138 Resp: 18822
Ion Ratio Lower Upper
138 100
92 60.8 38.1 78.1
108 88.4 59.7 99.7

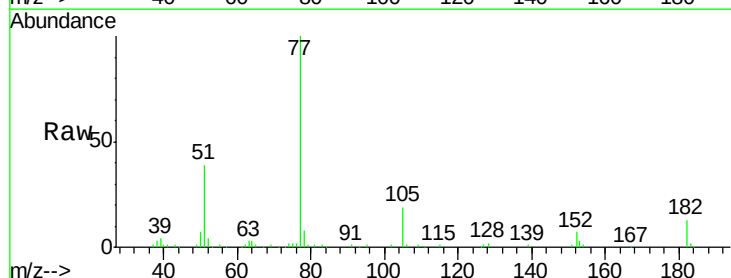


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

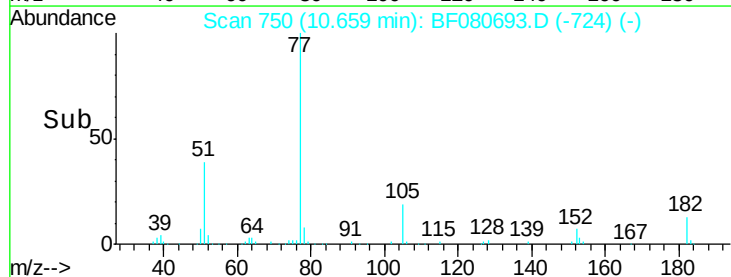
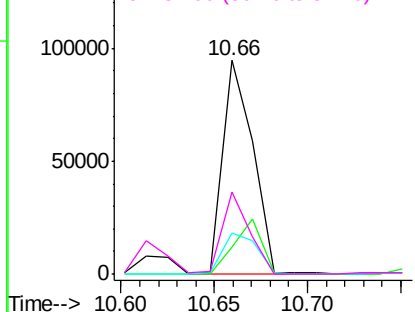


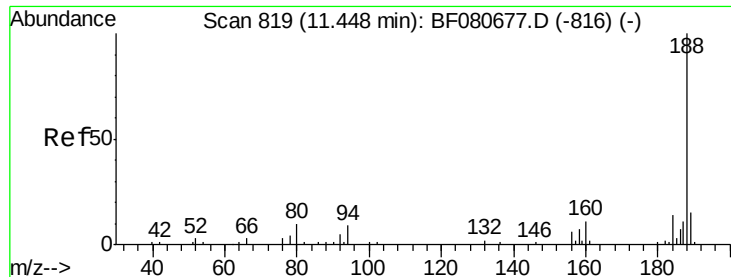
#62
Azobenzene
Concen: 42.67 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion: 77 Resp: 106781
Ion Ratio Lower Upper
77 100
182 12.7 0.0 34.7
105 19.1 0.0 37.8
51 38.5 16.3 56.3



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

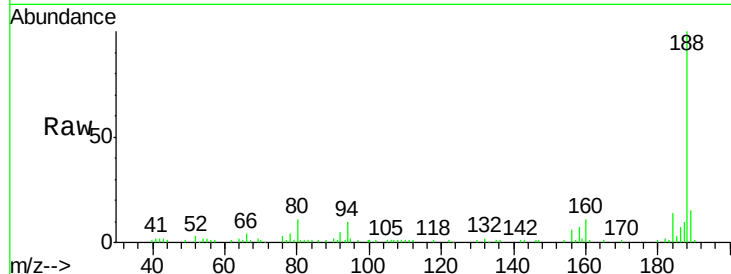




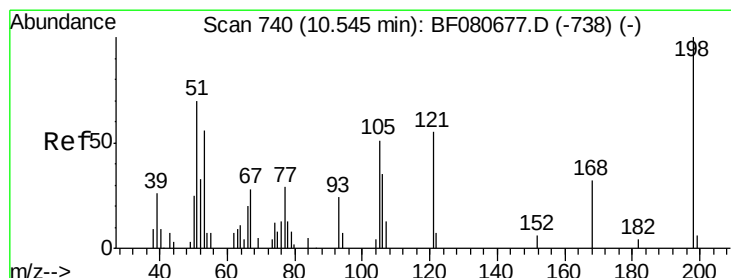
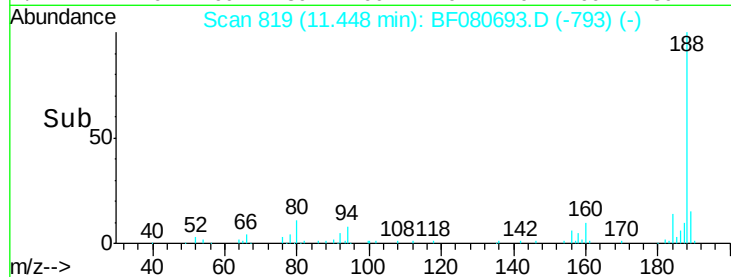
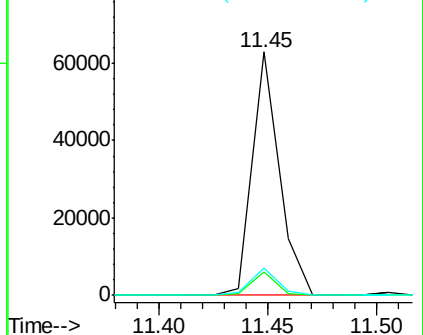
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:188 Resp: 54259
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 11.5 8.2 12.2

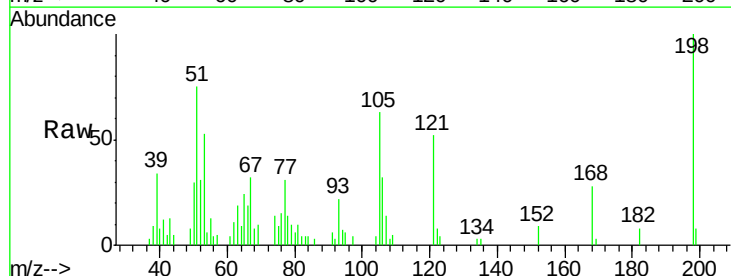


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

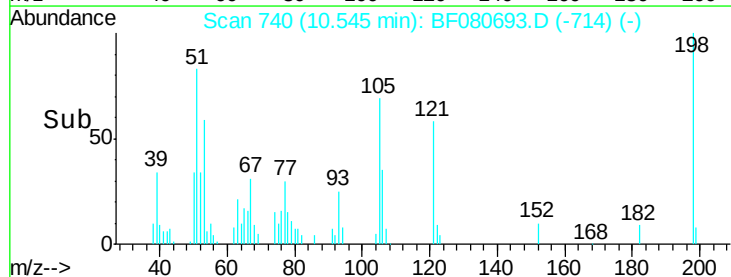
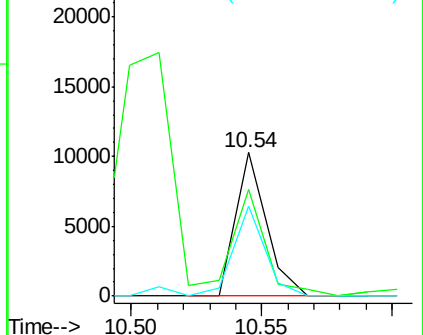


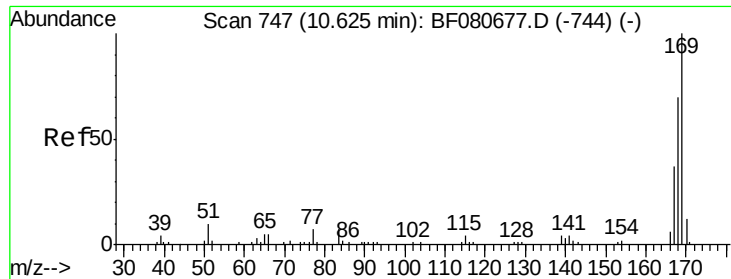
#64
4,6-Dinitro-2-methylphenol
Concen: 41.47 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:198 Resp: 8418
Ion Ratio Lower Upper
198 100
51 74.8 55.1 95.1
105 62.8 30.9 70.9



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

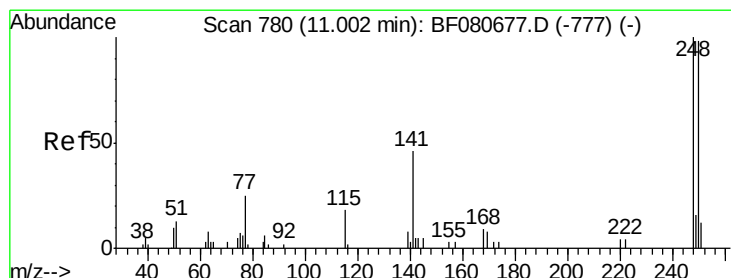
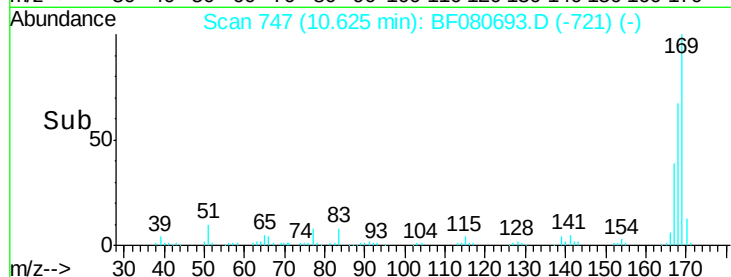
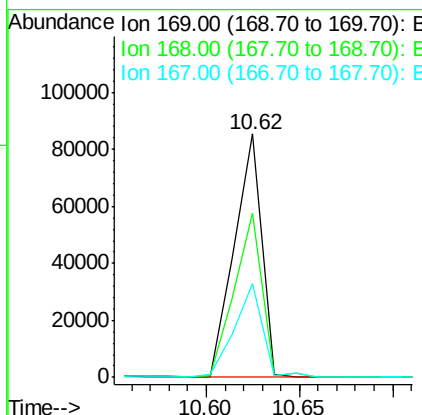
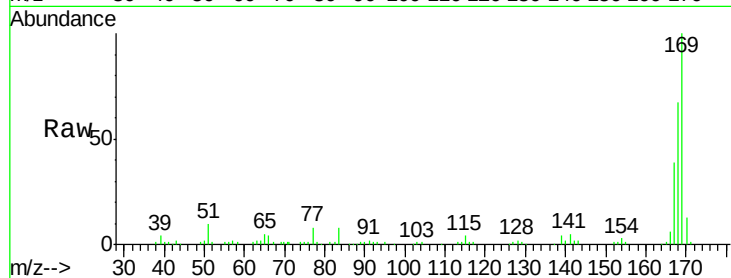




#65
 n-Nitrosodiphenylamine
 Concen: 47.38 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

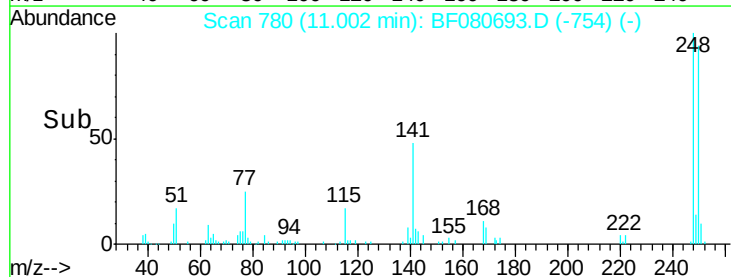
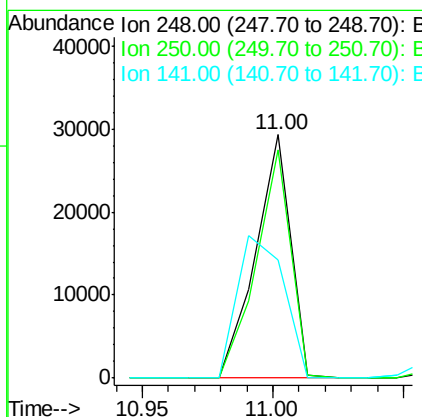
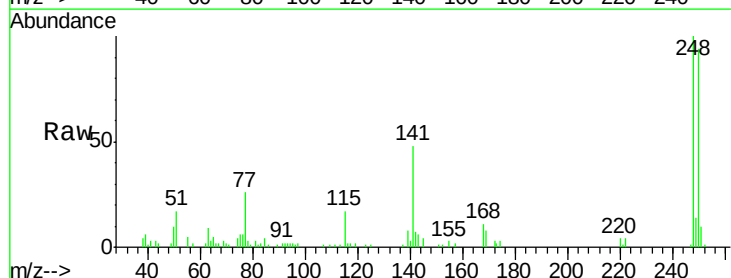
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

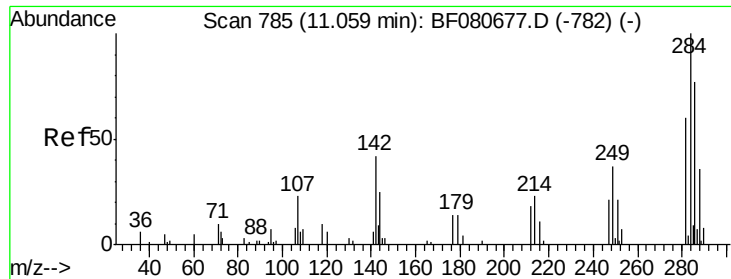
Tot Ion:169 Resp: 87787
 Ion Ratio Lower Upper
 169 100
 168 67.2 56.2 84.2
 167 38.6 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 47.77 ng
 RT: 11.00 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion:248 Resp: 27677
 Ion Ratio Lower Upper
 248 100
 250 93.6 78.5 117.7
 141 48.4 36.8 55.2





#67

Hexachlorobenzene

Concen: 39.07 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

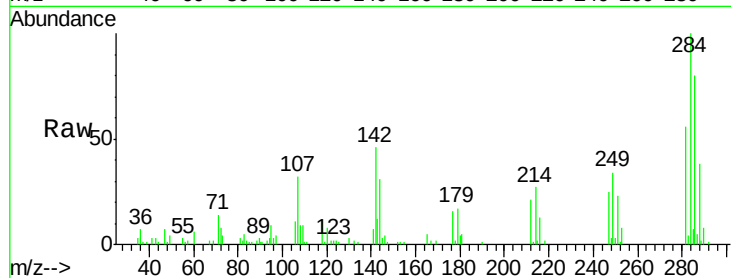
Tot Ion:284 Resp: 26634

Ion Ratio Lower Upper

284 100

142 46.0 34.0 51.0

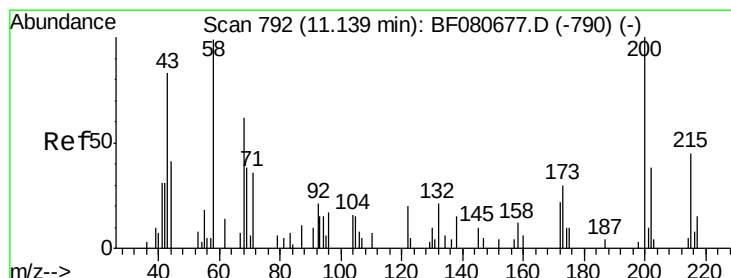
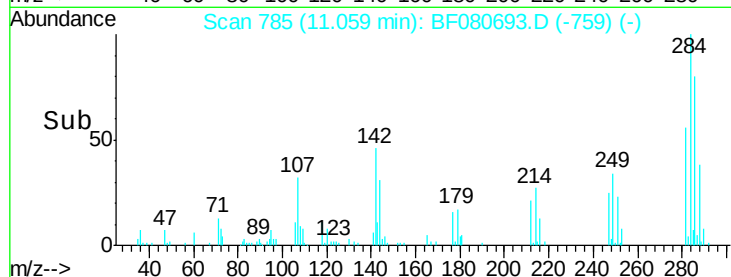
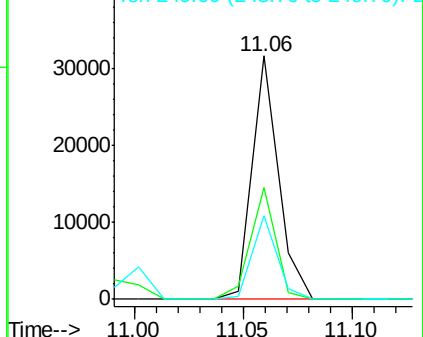
249 34.5 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 59.49 ng

RT: 11.15 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

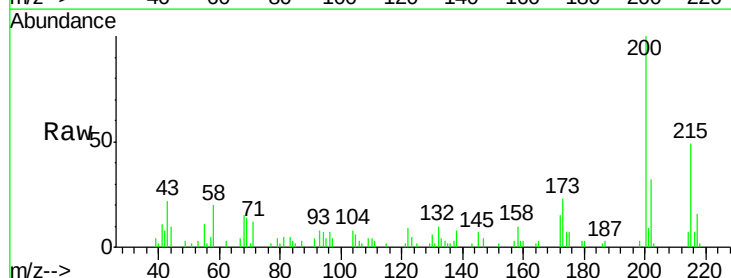
Tgt Ion:200 Resp: 21379

Ion Ratio Lower Upper

200 100

173 23.1 9.7 49.7

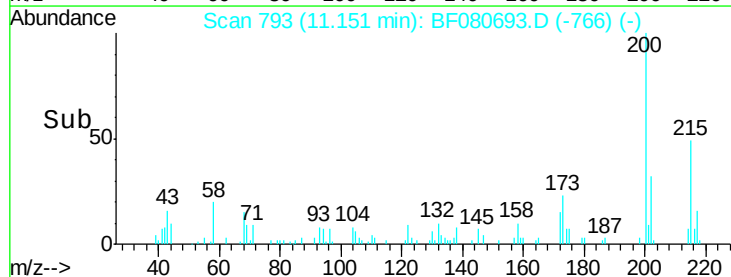
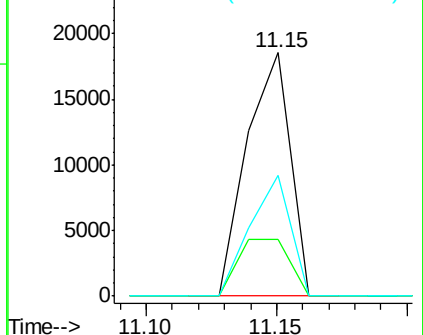
215 49.5 24.7 64.7

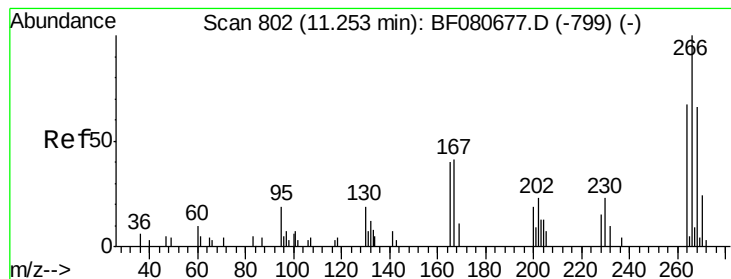


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 86.33 ng

RT: 11.25 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

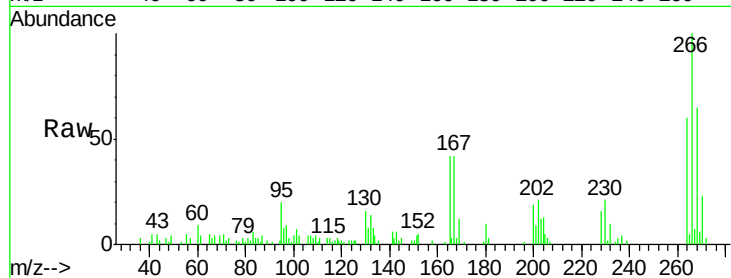
Tot Ion:266 Resp: 23169

Ion Ratio Lower Upper

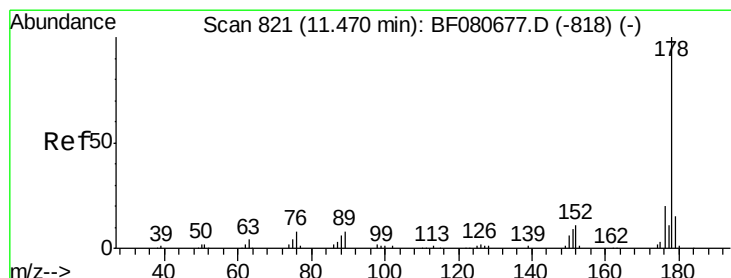
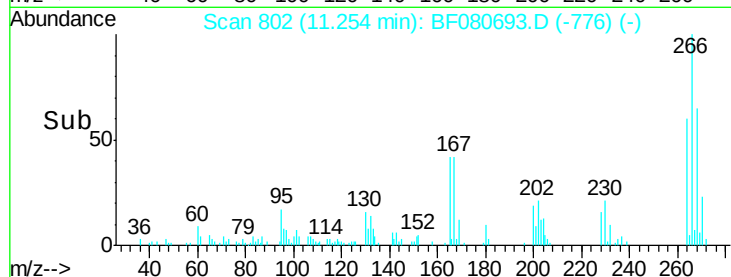
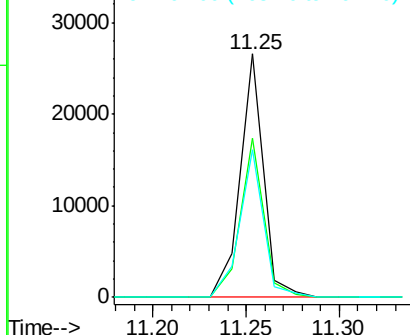
266 100

268 65.1 52.6 78.8

264 60.5 53.4 80.2



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: 61.55 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

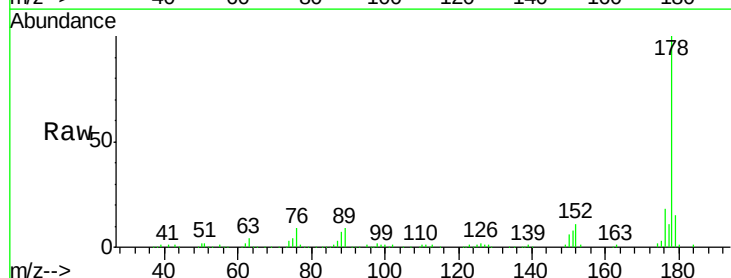
Tgt Ion:178 Resp: 190605

Ion Ratio Lower Upper

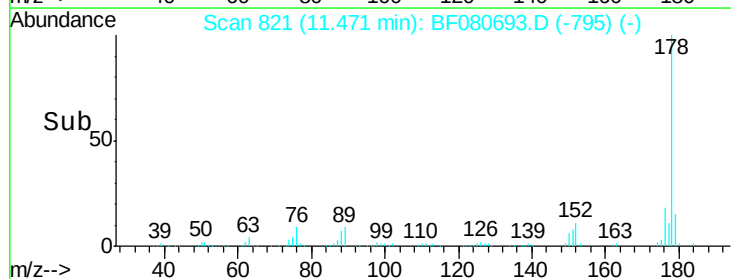
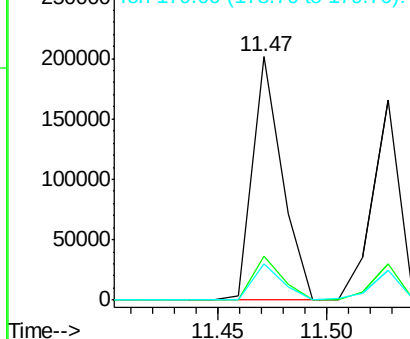
178 100

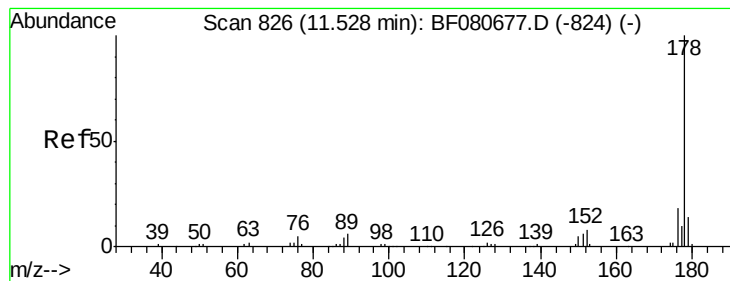
176 17.9 15.6 23.4

179 15.0 12.3 18.5



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: 47.81 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

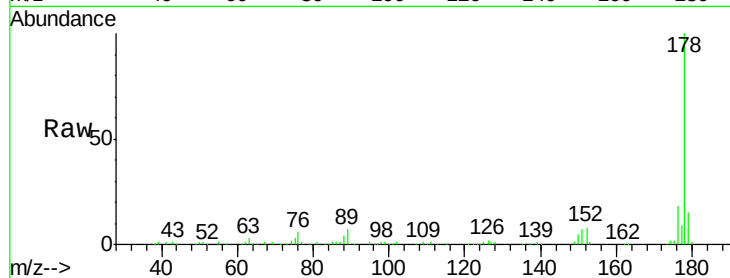
Tot Ion:178 Resp: 143960

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

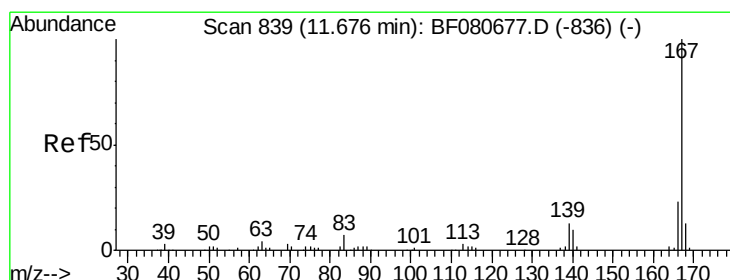
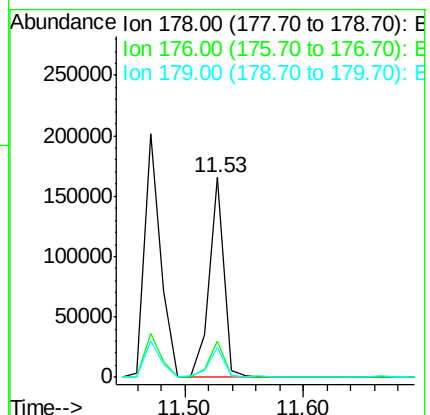
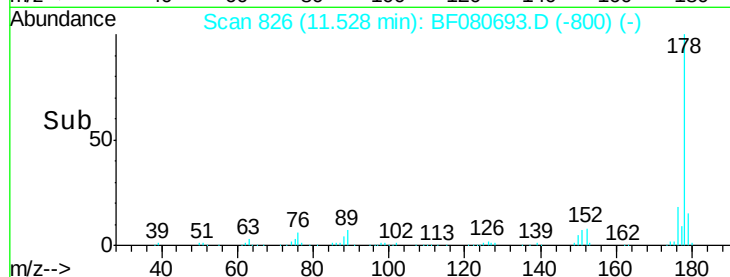
179 14.9 10.8 16.2



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: 43.37 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

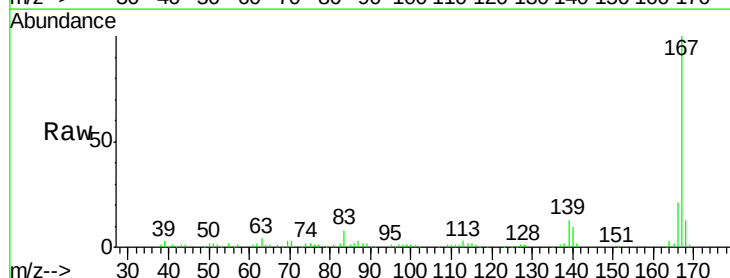
Tgt Ion:167 Resp: 109083

Ion Ratio Lower Upper

167 100

166 21.2 18.1 27.1

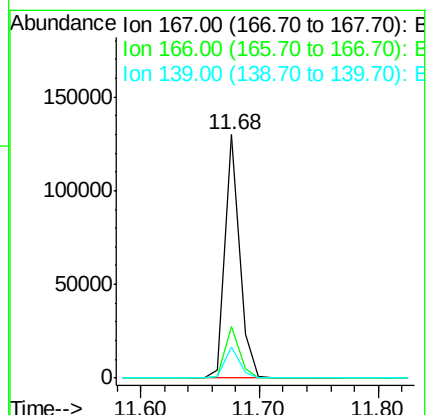
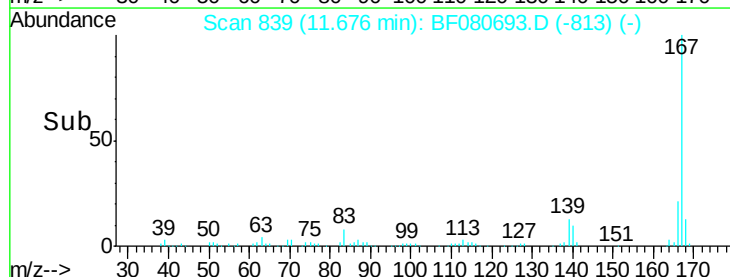
139 13.0 10.1 15.1

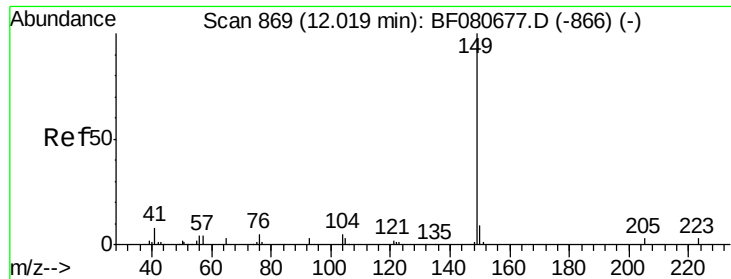


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

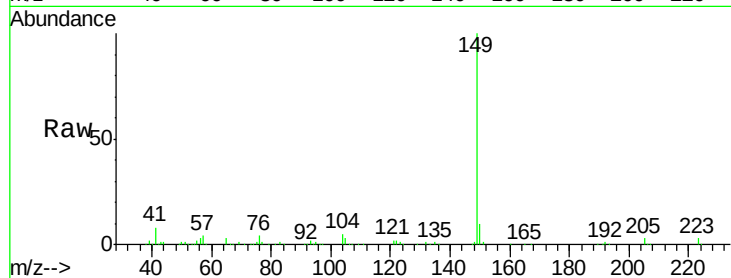




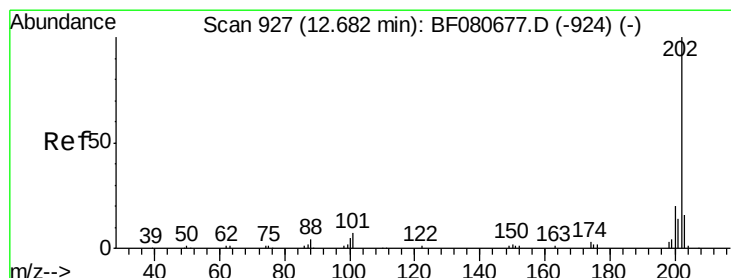
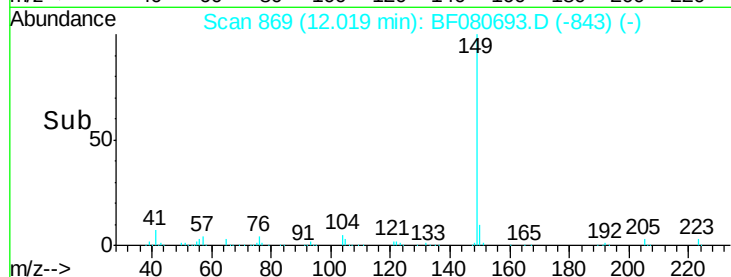
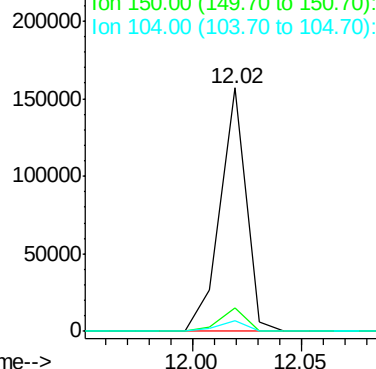
#73
Di-n-butylphthalate
Concen: 50.85 ng
RT: 12.02 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion:149 Resp: 130339
Ion Ratio Lower Upper
149 100
150 9.7 6.8 10.2
104 4.6 4.0 6.0

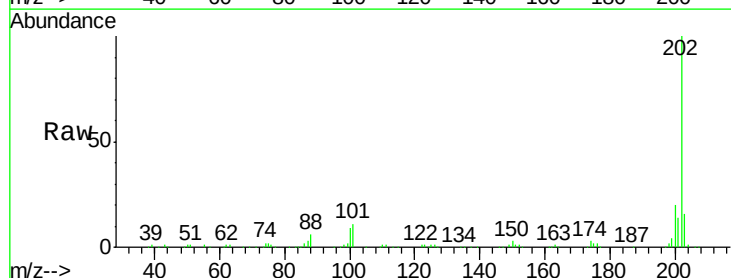


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

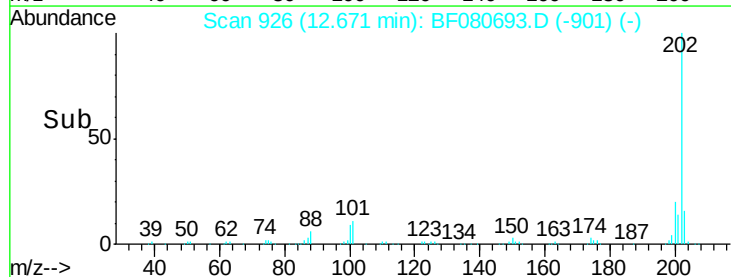
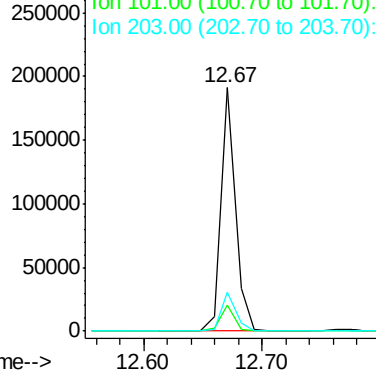


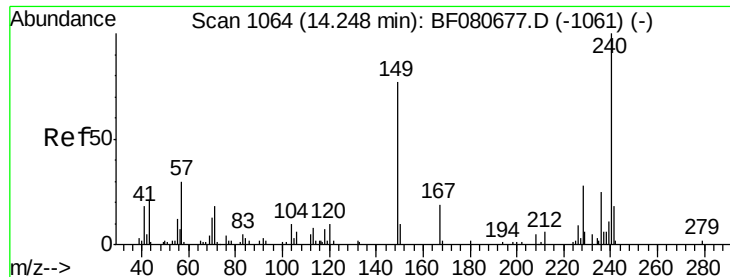
#74
Fluoranthene
Concen: 67.41 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:202 Resp: 163731
Ion Ratio Lower Upper
202 100
101 10.5 0.0 27.3
203 16.1 0.0 36.0



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: 14.21 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

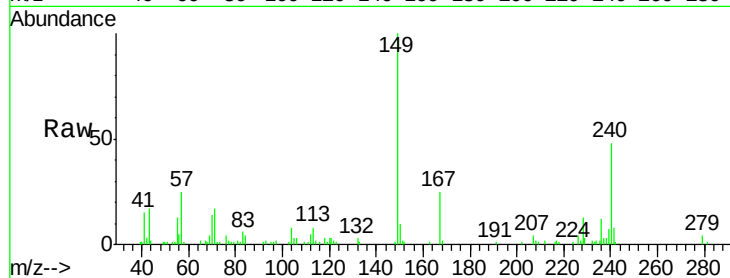
Tot Ion:240 Resp: 21444

Ion Ratio Lower Upper

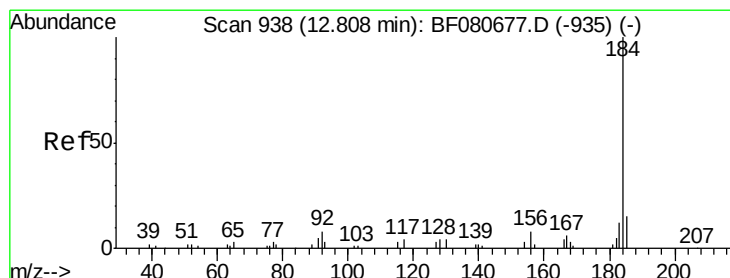
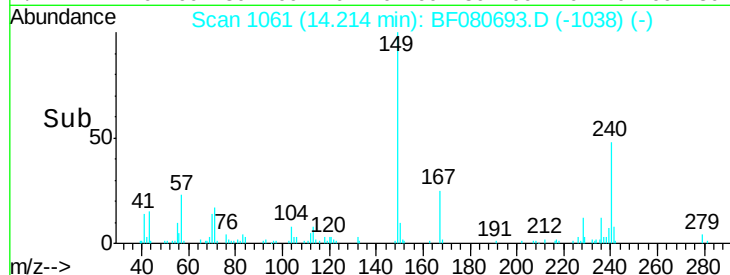
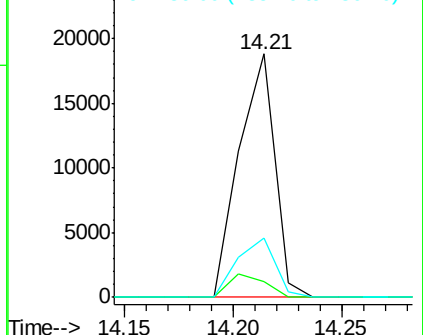
240 100

120 6.4 8.0 12.0#

236 24.2 20.0 30.0



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: 53.69 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

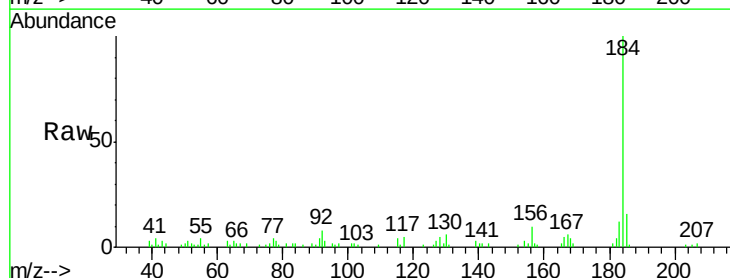
Tgt Ion:184 Resp: 31725

Ion Ratio Lower Upper

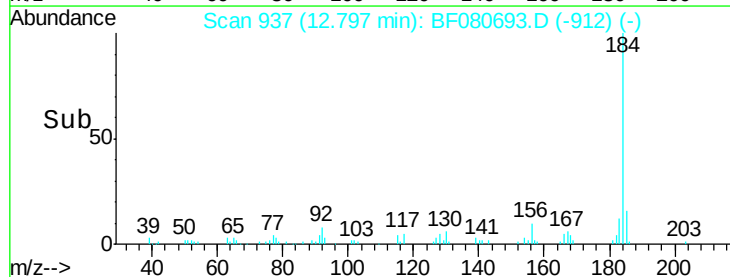
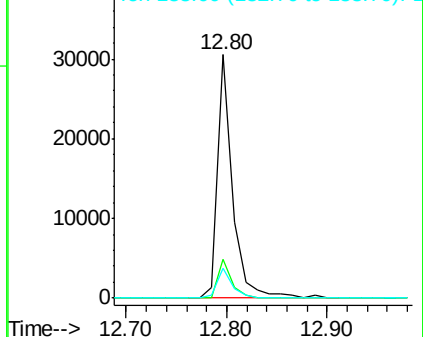
184 100

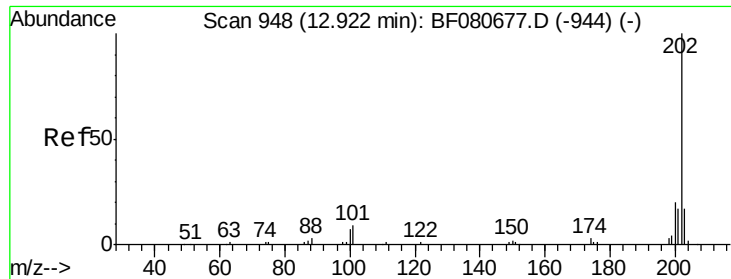
185 16.2 11.8 17.6

183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

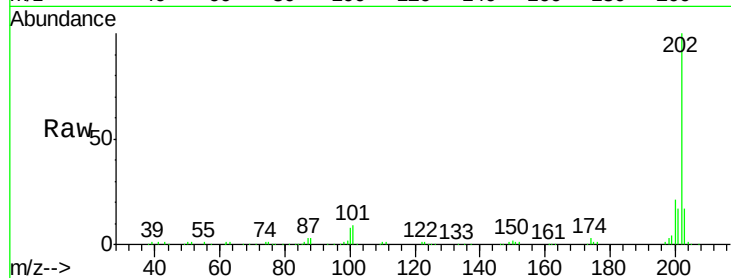




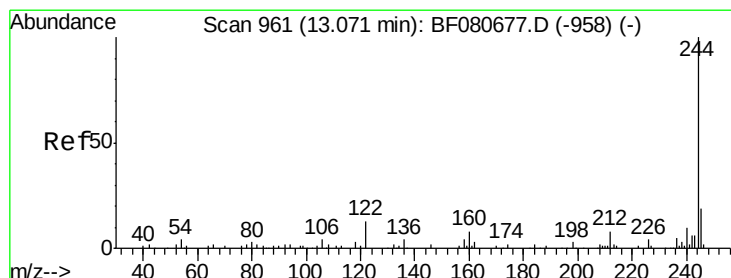
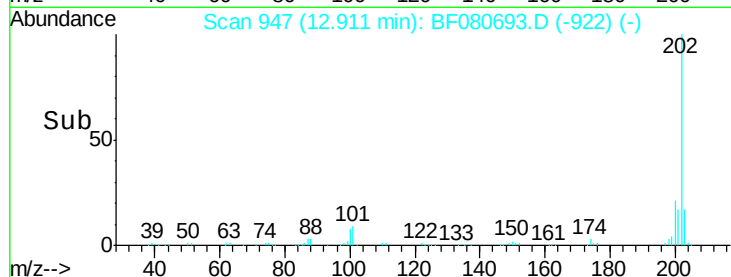
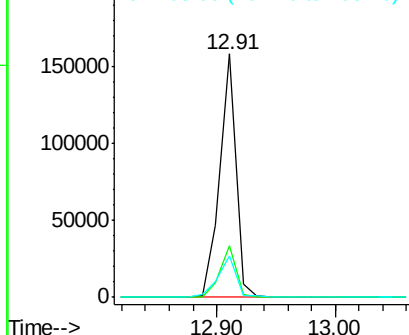
#77
 Pvrene
 Concen: 82.86 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	17.1	13.4	20.2

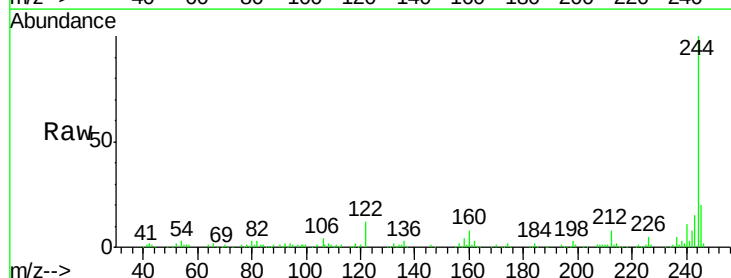


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

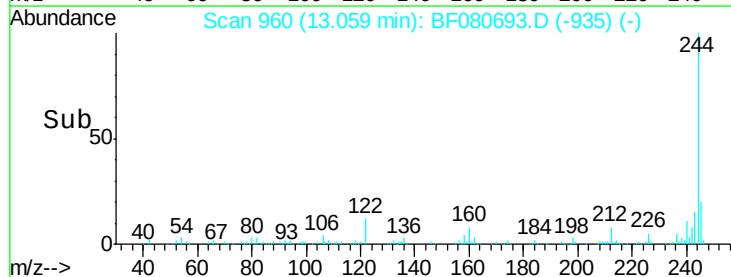
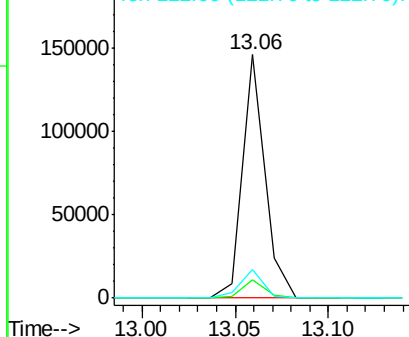


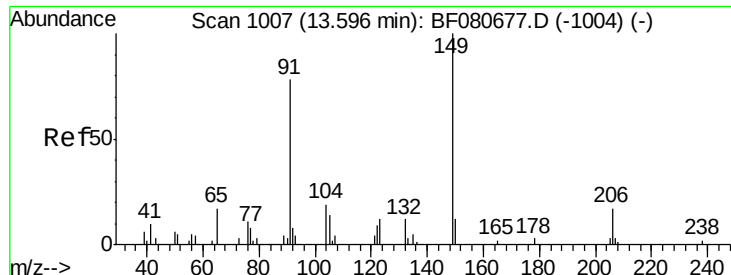
#78
 Terphenyl-d14
 Concen: 98.83 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.9	10.2	15.2



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

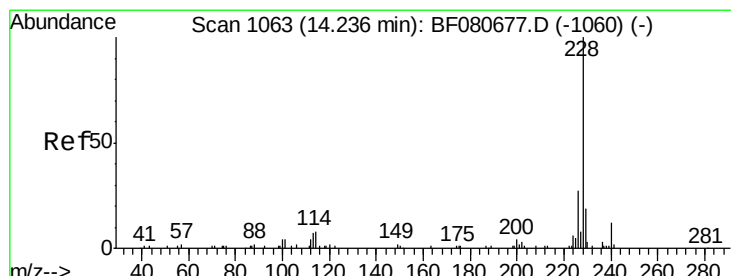
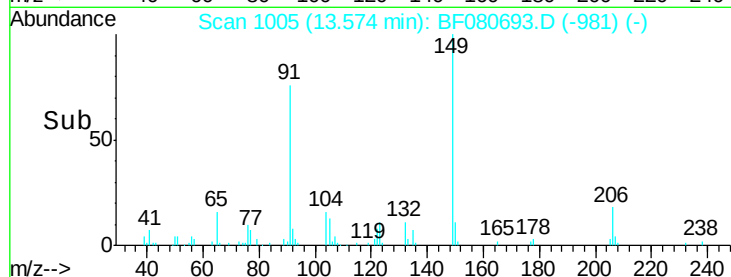
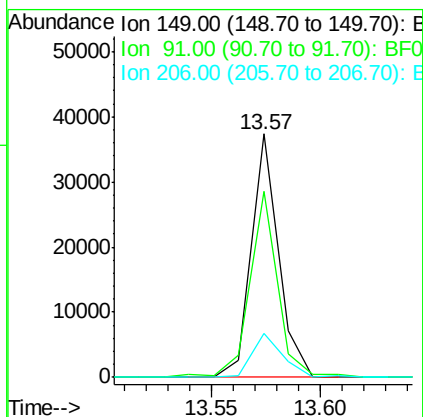
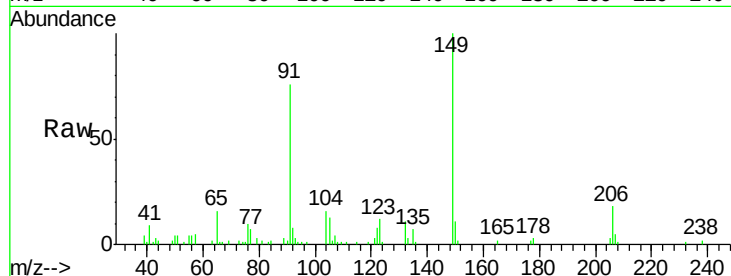




#79
Butylbenzylphthalate
Concen: 62.00 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

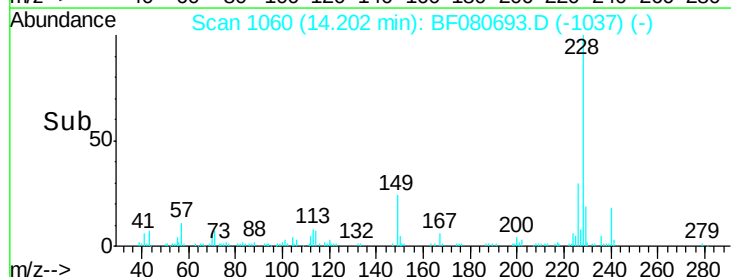
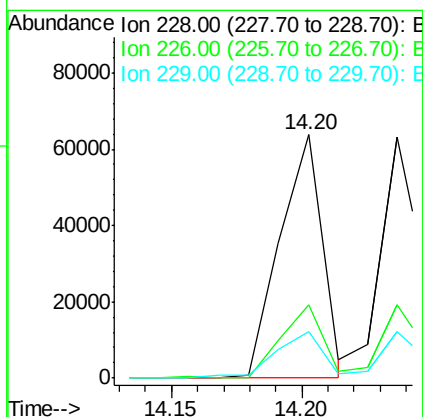
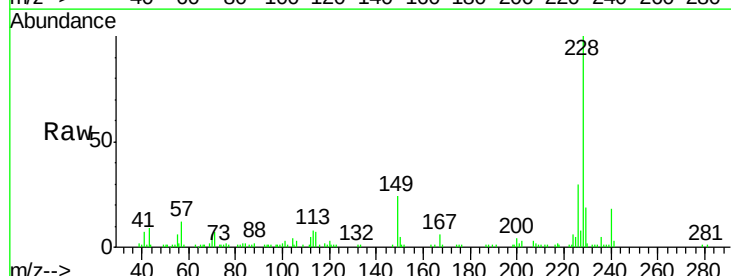
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

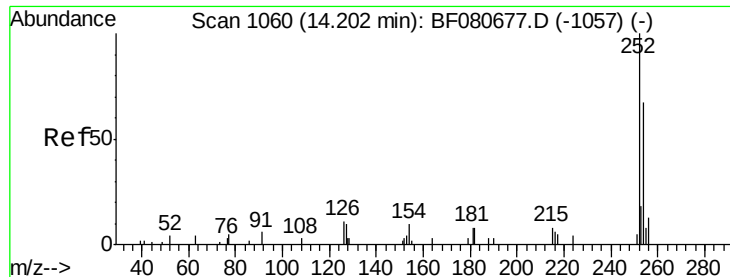
Tot Ion:149 Resp: 32255
Ion Ratio Lower Upper
149 100
91 76.3 62.6 93.8
206 18.3 13.3 19.9



#80
Benzo(a)anthracene
Concen: 57.90 ng
RT: 14.20 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:228 Resp: 71925
Ion Ratio Lower Upper
228 100
226 30.0 21.8 32.6
229 19.1 14.9 22.3





#81

3,3'-Dichlorobenzidine

Concen: 40.78 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.05 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

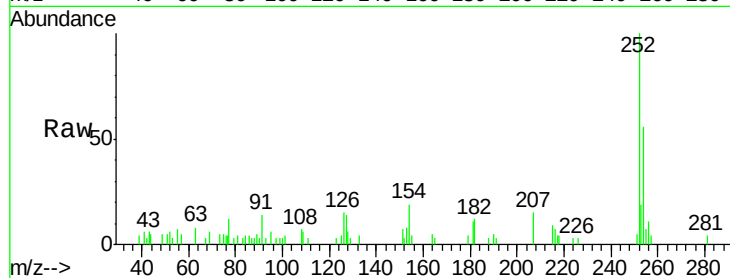
Tot Ion:252 Resp: 13252

Ion Ratio Lower Upper

252 100

254 56.4 53.8 80.8

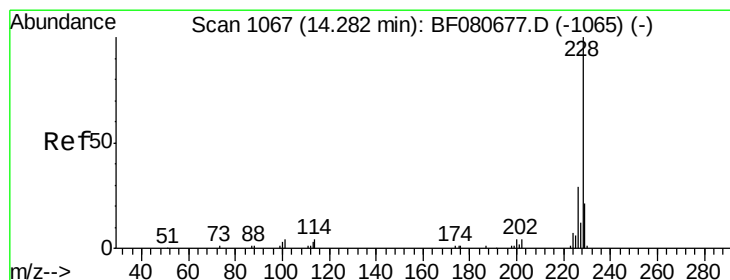
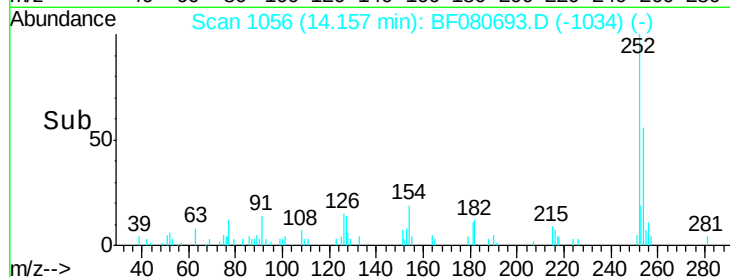
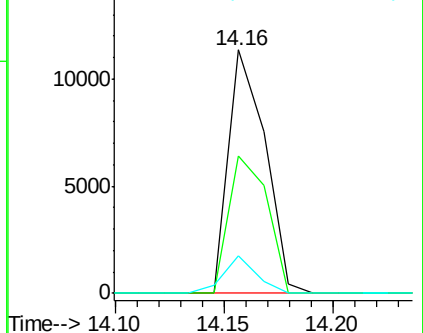
126 15.4 9.0 13.4#



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: 55.16 ng

RT: 14.24 min Scan# 1063

Delta R.T. -0.05 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

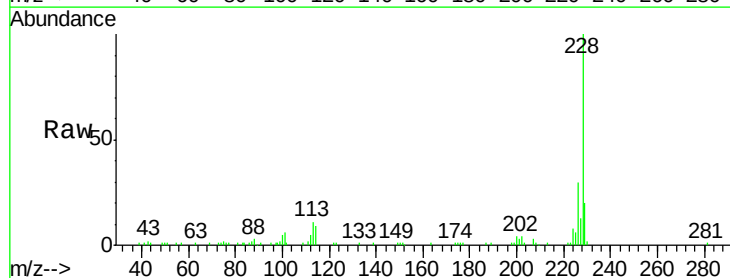
Tgt Ion:228 Resp: 68339

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.4

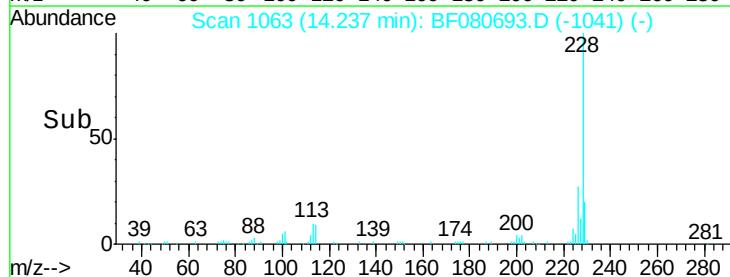
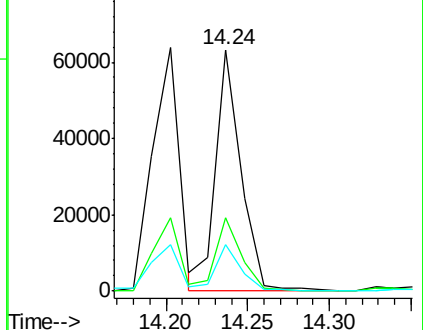
229 19.5 17.1 25.7

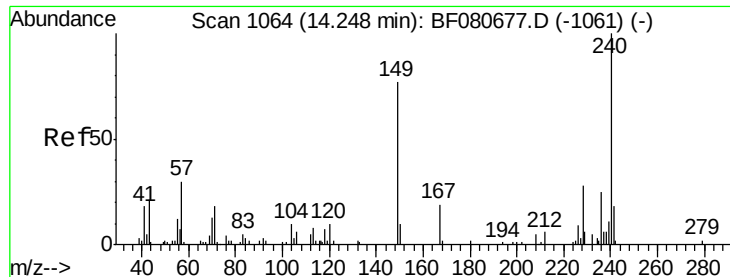


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.33 ng

RT: 14.21 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

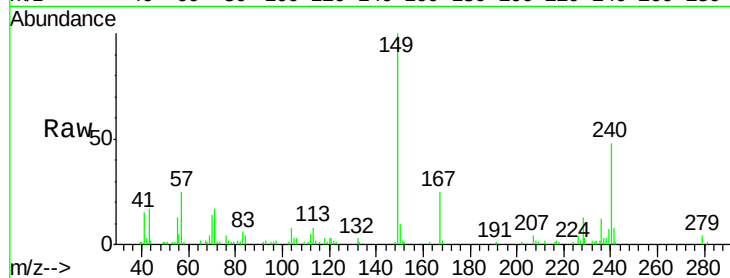
Tot Ion:149 Resp: 39733

Ion Ratio Lower Upper

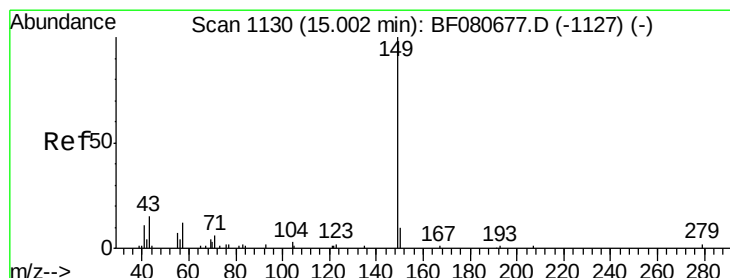
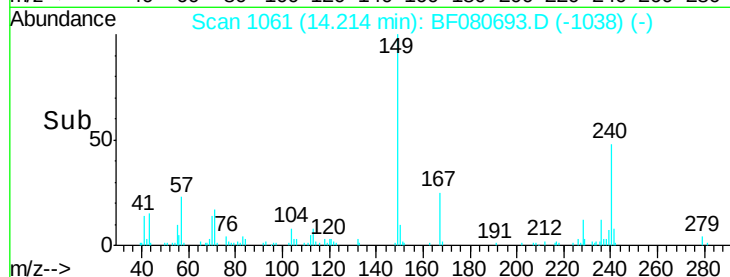
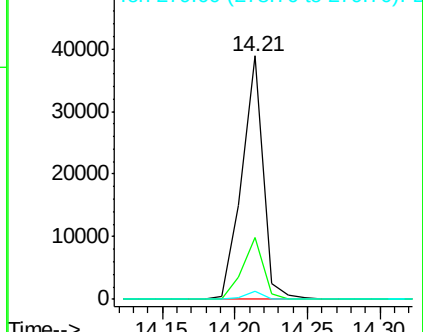
149 100

167 25.3 20.0 30.0

279 3.6 2.1 3.1#



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



#84

Di-n-octyl phthalate

Concen: 63.06 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.06 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

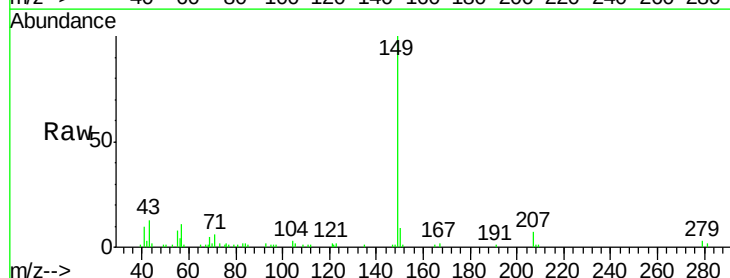
Tgt Ion:149 Resp: 48283

Ion Ratio Lower Upper

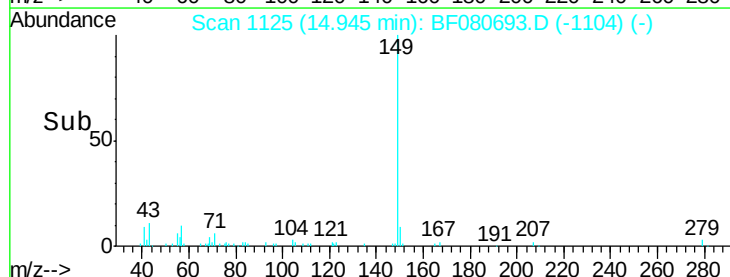
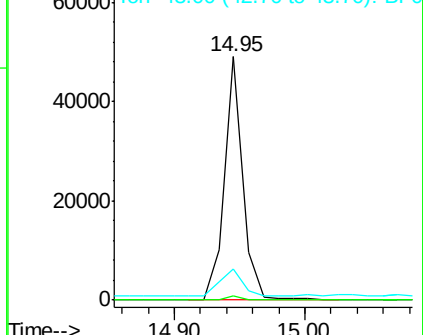
149 100

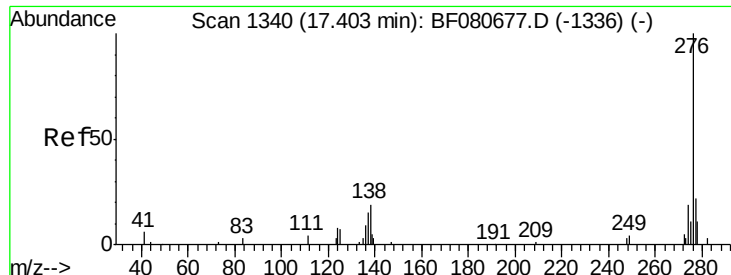
167 1.3 0.6 1.0#

43 13.7 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

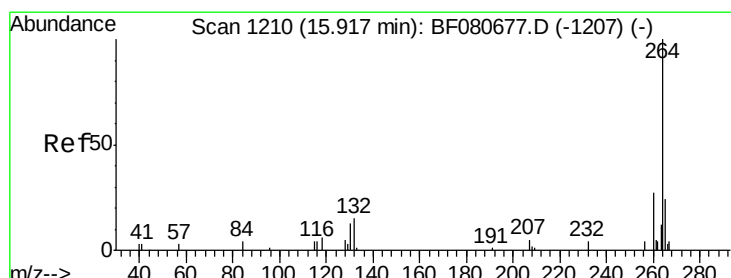
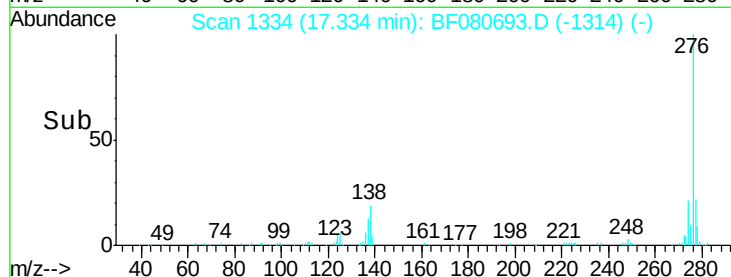
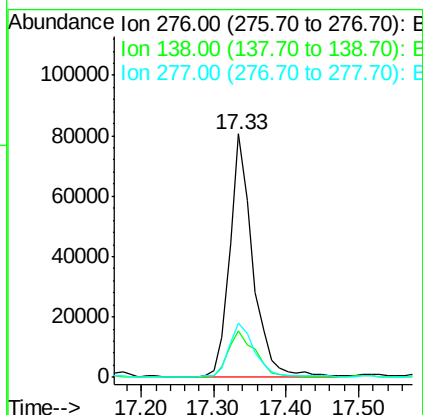
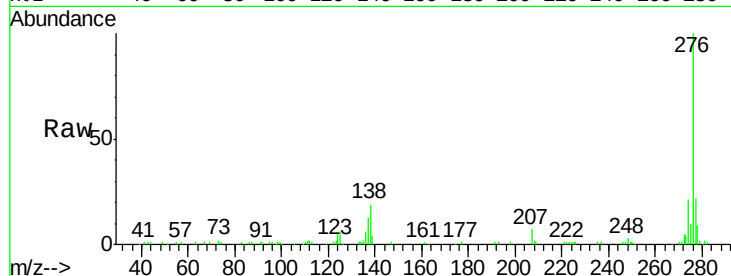




#85
Indeno(1,2,3-cd)pyrene
Concen: 340.02 ng
RT: 17.33 min Scan# 1334
Delta R.T. -0.07 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

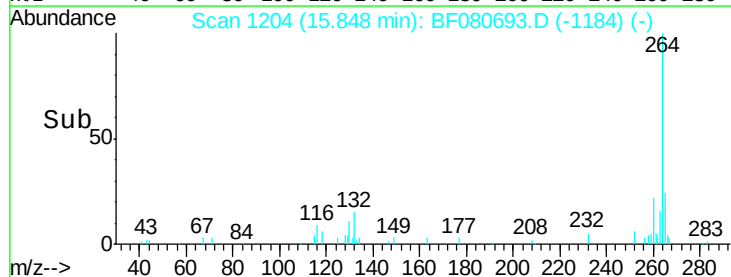
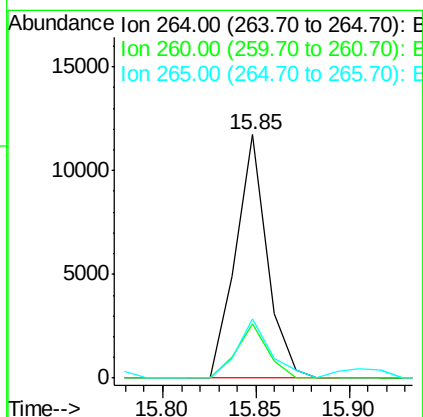
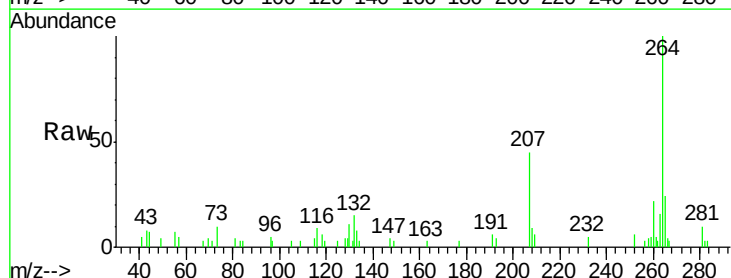
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

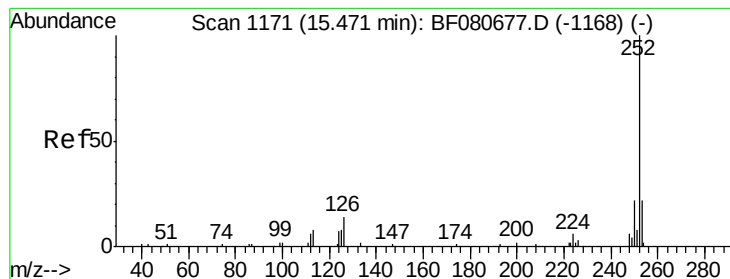
Tot Ion:276 Resp: 177653
Ion Ratio Lower Upper
276 100
138 22.9 19.7 29.5
277 26.0 18.2 27.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.85 min Scan# 1204
Delta R.T. -0.07 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion:264 Resp: 13813
Ion Ratio Lower Upper
264 100
260 22.4 21.6 32.4
265 24.1 19.3 28.9





#87

Benzo(b)fluoranthene

Concen: 47.76 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.07 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

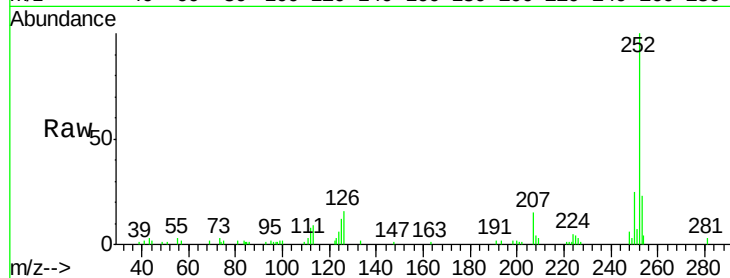
Tot Ion:252 Resp: 48038

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

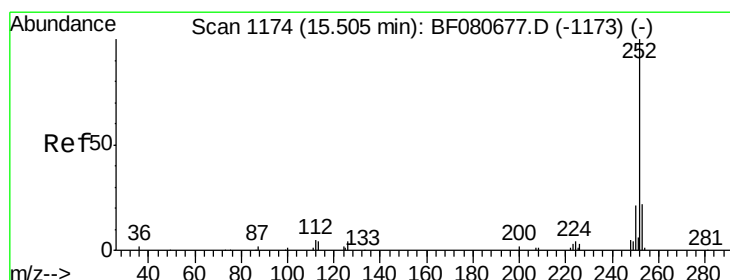
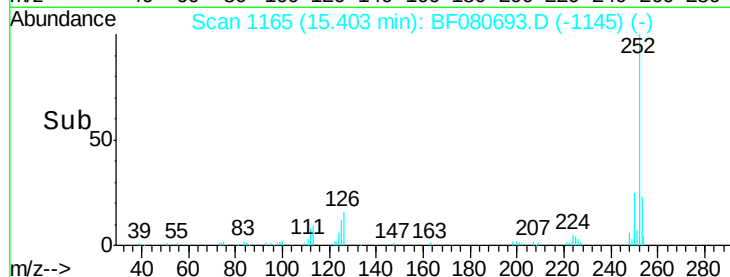
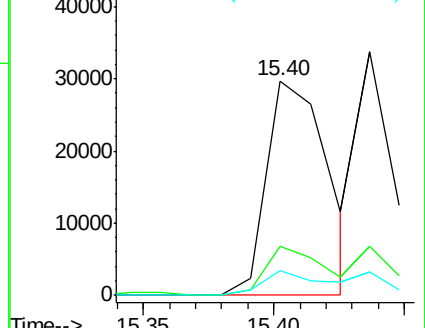
125 11.7 6.7 10.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 52.09 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.10 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

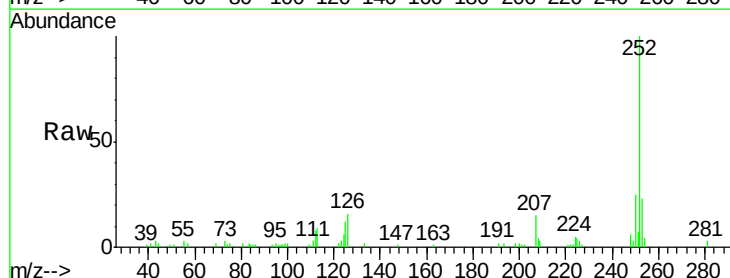
Tgt Ion:252 Resp: 48038

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

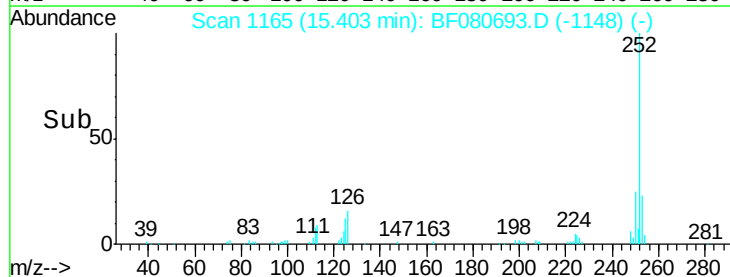
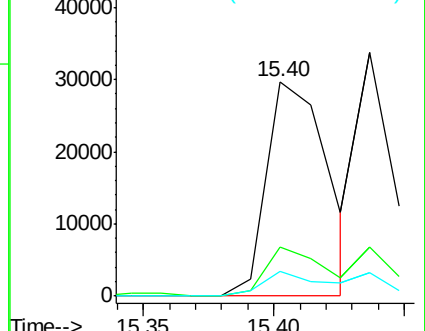
125 11.7 6.7 10.1#

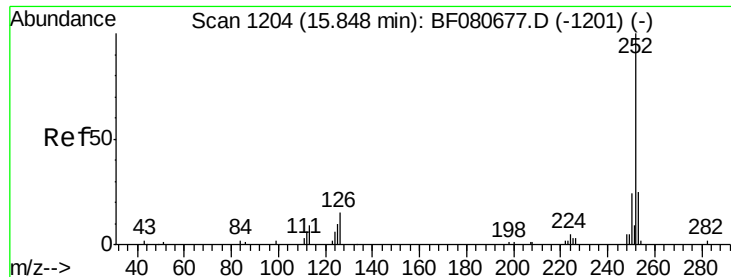


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 55.06 ng

RT: 15.78 min Scan# 1198

Delta R.T. -0.07 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

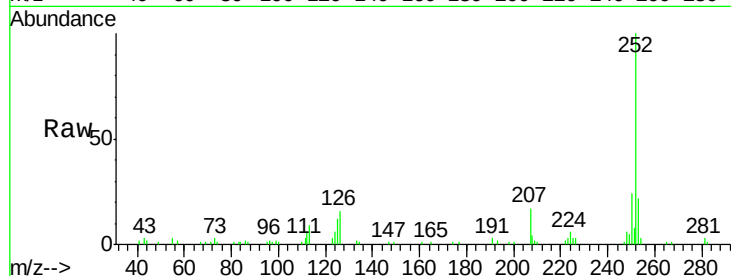
Tot Ion:252 Resp: 42314

Ion Ratio Lower Upper

252 100

253 22.4 20.2 30.2

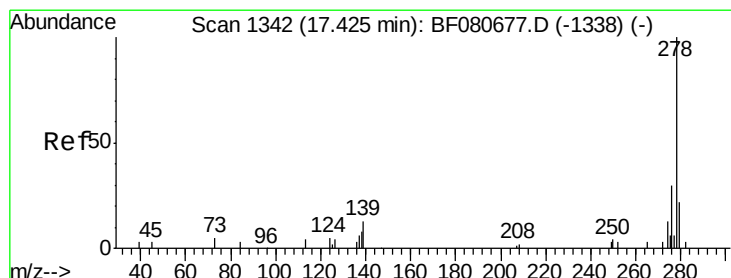
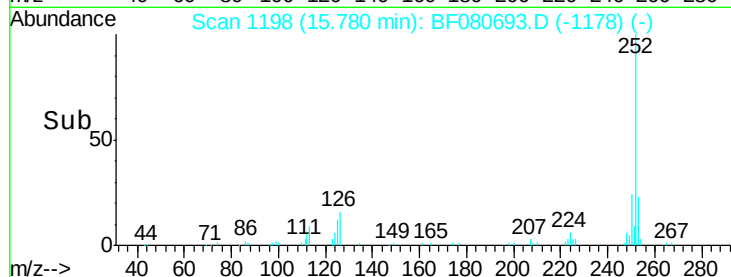
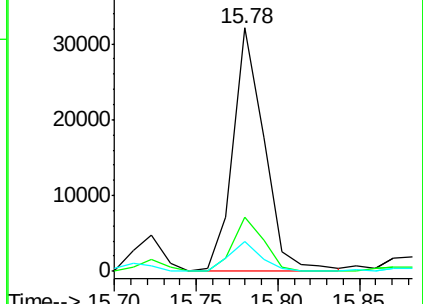
125 12.3 8.4 12.6



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: 219.66 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.07 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

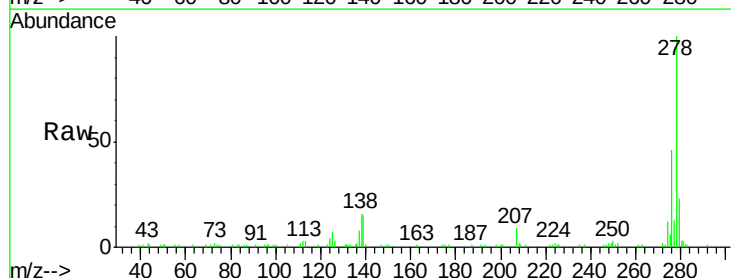
Tgt Ion:278 Resp: 116074

Ion Ratio Lower Upper

278 100

139 15.2 10.3 15.5

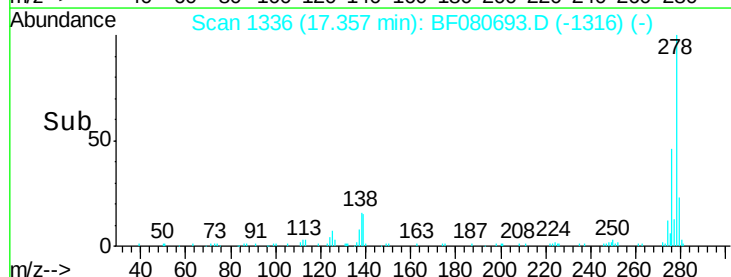
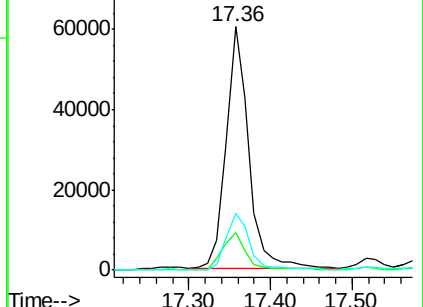
279 23.1 17.4 26.0

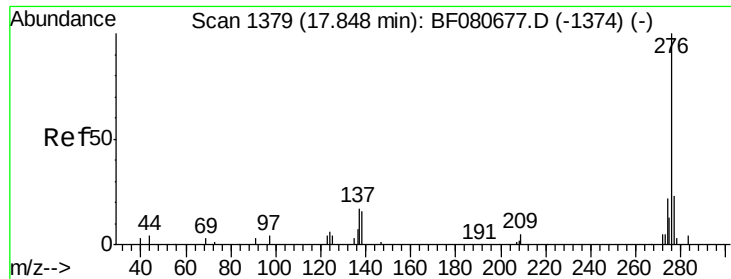


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 411.72 ng
 RT: 17.78 min Scan# 1373
 Delta R.T. -0.07 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion:276	Resp:	210908
Ion Ratio	Lower	Upper
276	100	
277	23.4	18.7 28.1
138	19.3	12.7 19.1

