

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080694.D
 Acq On : 28 Jul 2015 2:59
 Operator : TP/UM
 Sample : G3084-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Quant Time: Jul 28 09:23:50 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	35375	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	118110	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	44814	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	54490	20.00	ng	0.00
75) Chrysene-d12	14.20	240	19712	20.00	ng	-0.05
86) Perylene-d12	15.85	264	21061	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	211223	95.10	ng	0.01
7) Phenol-d6	6.53	99	236557	98.99	ng	0.00
23) Nitrobenzene-d5	7.48	82	164428	71.53	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	32182	82.05	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	255650	71.88	ng	0.00
78) Terphenyl-d14	13.06	244	82852	72.00	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	27795	29.66	ng	95
3) Pyridine	3.31	79	69488	29.35	ng	95
4) n-Nitrosodimethylamine	3.21	42	40415	26.87	ng	90
6) Aniline	6.58	93	39545	11.68	ng	98
8) 2-Chlorophenol	6.70	128	75653	34.33	ng	98
9) Benzaldehyde	6.46	77	19648	12.15	ng	100
10) Phenol	6.56	94	82714	30.58	ng	81
11) bis(2-Chloroethyl)ether	6.65	93	67122	34.46	ng	99
12) 1,3-Dichlorobenzene	6.86	146	89186	33.32	ng	99
13) 1,4-Dichlorobenzene	6.94	146	85335	32.56	ng	98
14) 1,2-Dichlorobenzene	7.09	146	79794	32.09	ng	98
15) Benzyl Alcohol	7.06	79	68341	34.97	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	127500	34.93	ng	97
17) 2-Methylphenol	7.17	107	50101	32.46	ng	# 88
18) Hexachloroethane	7.44	117	29391	33.61	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	45589	32.42	ng	# 77
20) 3+4-Methylphenols	7.32	107	74047	35.09	ng	93
22) Acetophenone	7.33	105	100023	32.88	ng	98
24) Nitrobenzene	7.50	77	73661	32.49	ng	98
25) Isophorone	7.74	82	122783	34.31	ng	100
26) 2-Nitrophenol	7.82	139	33624	36.76	ng	99
27) 2,4-Dimethylphenol	7.86	122	62642	35.51	ng	93
28) bis(2-Chloroethoxy)methane	7.95	93	71636	34.09	ng	99
29) 2,4-Dichlorophenol	8.06	162	47021	31.60	ng	# 83
30) 1,2,4-Trichlorobenzene	8.16	180	59009	31.16	ng	99
31) Naphthalene	8.24	128	208936	35.97	ng	100
32) Benzoic acid	7.86	122	62642	71.92	ng	# 7
33) 4-Chloroaniline	8.28	127	27403	13.10	ng	96
34) Hexachlorobutadiene	8.35	225	37308	31.57	ng	96
35) Caprolactam	8.60	113	11458	37.90	ng	# 81
36) 4-Chloro-3-methylphenol	8.75	107	50838	33.67	ng	95
37) 2-Methylnaphthalene	8.92	142	134717	36.32	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	53166	32.23	ng	99
40) Hexachlorocyclopentadiene	9.08	237	61894	58.79	ng	100

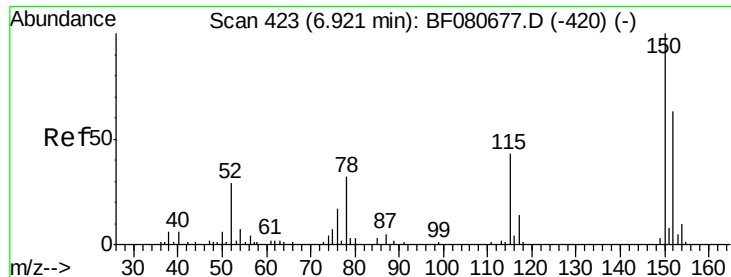
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080694.D
 Acq On : 28 Jul 2015 2:59
 Operator : TP/UM
 Sample : G3084-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Quant Time: Jul 28 09:23:50 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)
42) 2,4,6-Trichlorophenol	9.20	196	34953	32.10	nq	95
43) 2,4,5-Trichlorophenol	9.23	196	31980	31.77	nq	97
45) 1,1'-Biphenyl	9.39	154	133462	35.45	nq	98
46) 2-Chloronaphthalene	9.41	162	101959	32.38	nq	97
47) 2-Nitroaniline	9.49	65	25455	34.35	nq	97
48) Acenaphthylene	9.82	152	164829	33.26	nq	98
49) Dimethylphthalate	9.68	163	163558	56.14	nq	99
50) 2,6-Dinitrotoluene	9.74	165	19299	33.46	nq	# 86
51) Acenaphthene	10.00	154	102436	35.15	nq	97
52) 3-Nitroaniline	9.90	138	16079	24.55	nq	94
53) 2,4-Dinitrophenol	10.01	184	3850	26.09	nq	# 80
54) Dibenzofuran	10.17	168	144648	36.16	nq	95
55) 4-Nitrophenol	10.05	139	23543	53.68	nq	93
56) 2,4-Dinitrotoluene	10.14	165	22192	33.75	nq	94
57) Fluorene	10.51	166	105951	34.86	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	18324	27.23	nq	93
59) Diethylphthalate	10.38	149	102410	37.01	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	42793	31.98	nq	99
61) 4-Nitroaniline	10.51	138	15192	27.20	nq	95
62) Azobenzene	10.66	77	84187	31.10	nq	99
64) 4,6-Dinitro-2-methylphenol	10.54	198	5835	28.63	nq	86
65) n-Nitrosodiphenylamine	10.62	169	70007	37.62	nq	95
66) 4-Bromophenyl-phenylether	11.00	248	21389	36.76	nq	95
67) Hexachlorobenzene	11.06	284	20832	30.43	nq	97
68) Atrazine	11.15	200	16670	46.19	nq	90
69) Pentachlorophenol	11.25	266	15954	59.19	nq	94
70) Phenanthrene	11.47	178	211665	68.06	nq	99
71) Anthracene	11.53	178	121346	40.13	nq	98
72) Carbazole	11.68	167	81655	32.33	nq	97
73) Di-n-butylphthalate	12.02	149	94812	36.83	nq	99
74) Fluoranthene	12.67	202	142051	58.23	nq	96
76) Benzidine	12.80	184	28140	51.81	nq	99
77) Pyrene	12.91	202	120290	72.89	nq	99
79) Butylbenzylphthalate	13.57	149	21283	44.50	nq	# 78
80) Benzo(a)anthracene	14.19	228	58626	51.34	nq	95
81) 3,3'-Dichlorobenzidine	14.16	252	10397	34.80	nq	92
82) Chrysene	14.23	228	50464	44.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.20	149	28753	49.07	nq	98
84) Di-n-octyl phthalate	14.95	149	34526	49.05	nq	# 88
85) Indeno(1,2,3-cd)pyrene	17.35	276	230380	479.68	nq	94
87) Benzo(b)fluoranthene	15.41	252	81115	52.89	nq	97
88) Benzo(k)fluoranthene	15.41	252	81115	57.68	nq	98
89) Benzo(a)pyrene	15.79	252	54082	46.15	nq	96
90) Dibenzo(a,h)anthracene	17.37	278	145502	180.59	nq	97
91) Benzo(g,h,i)perylene	17.79	276	255066	326.56	nq	98

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

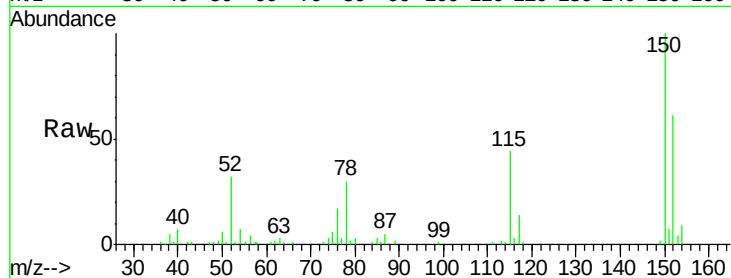


#1

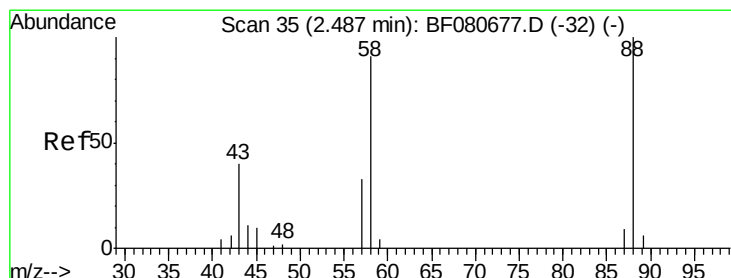
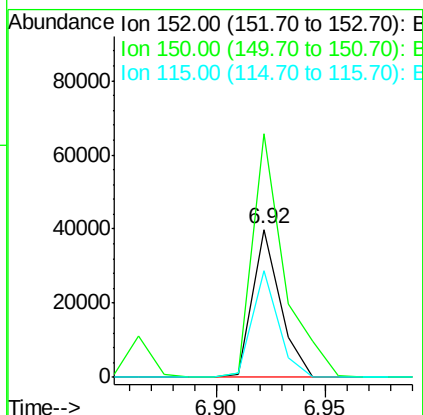
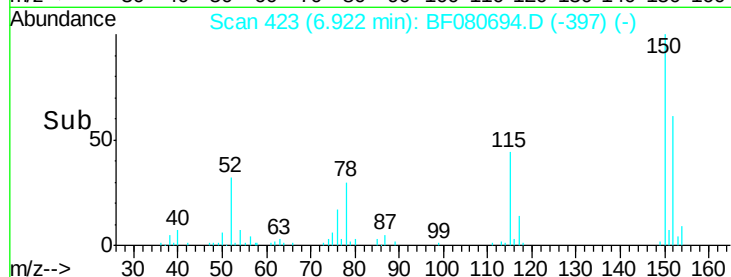
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

Tot Ion:152 Resp: 35375
Ion Ratio Lower Upper
152 100
150 164.7 127.7 191.5
115 71.8 54.2 81.4



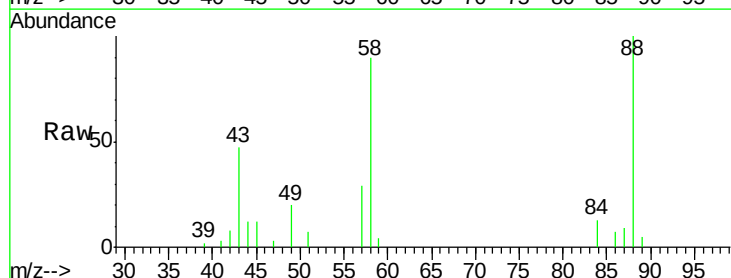
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



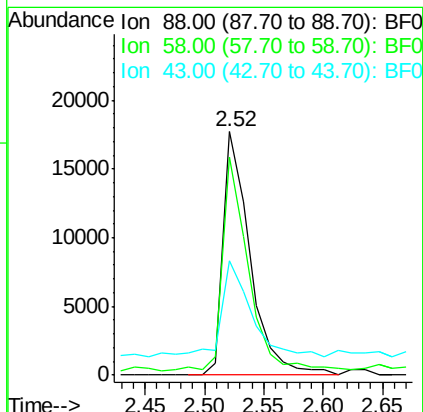
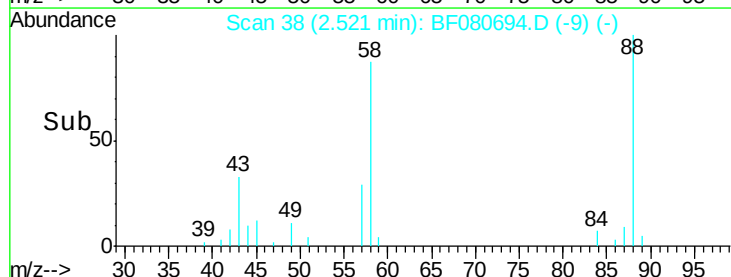
#2

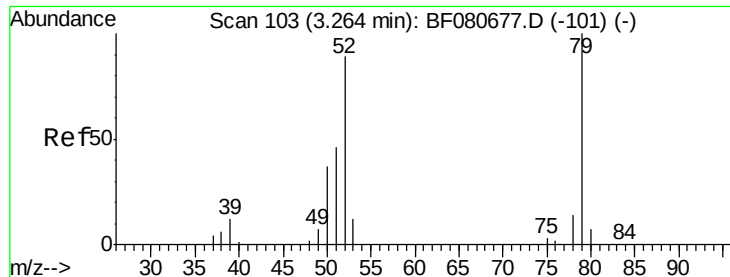
1,4-Dioxane
Concen: 29.66 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.04 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion: 88 Resp: 27795
Ion Ratio Lower Upper
88 100
58 86.0 71.6 107.4
43 45.0 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: 29.35 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.05 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

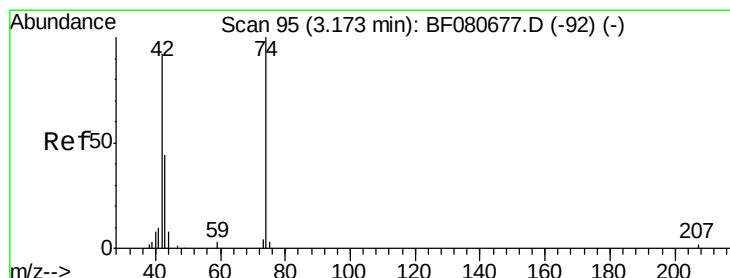
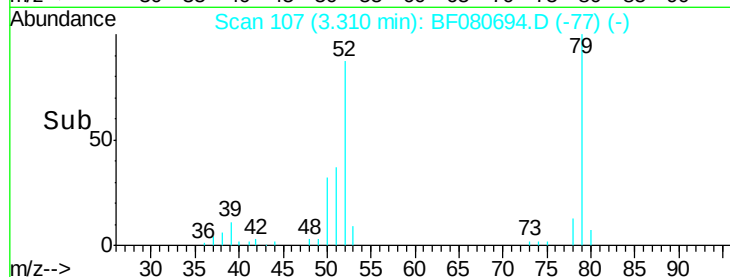
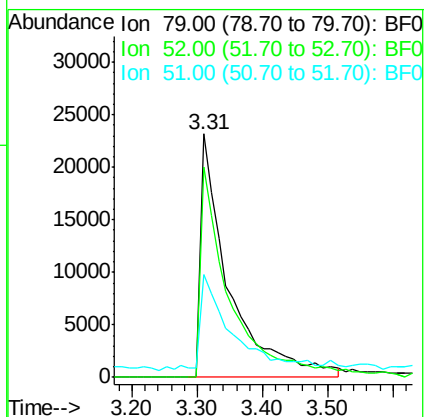
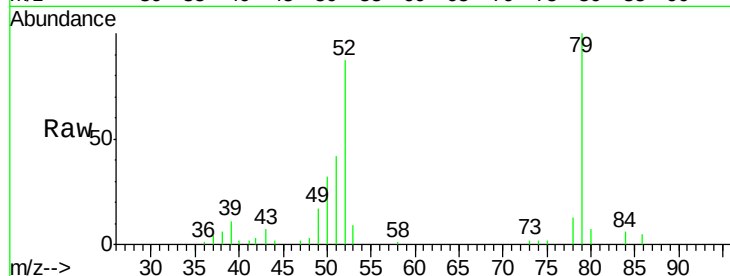
Tot Ion: 79 Resp: 69488

Ion Ratio Lower Upper

79 100

52 86.6 71.1 106.7

51 42.4 39.0 58.4



#4

n-Nitrosodimethylamine

Concen: 26.87 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.03 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

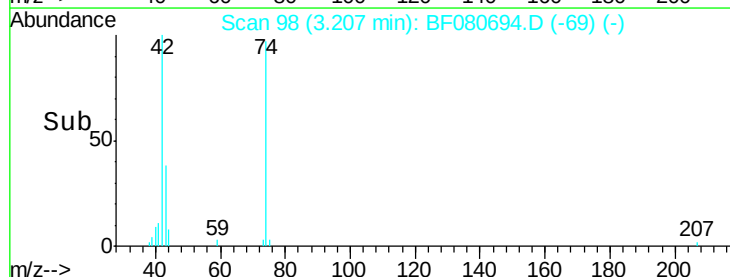
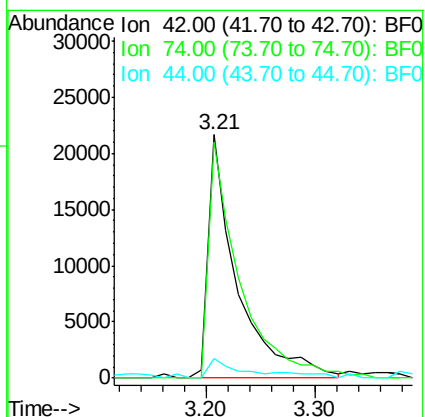
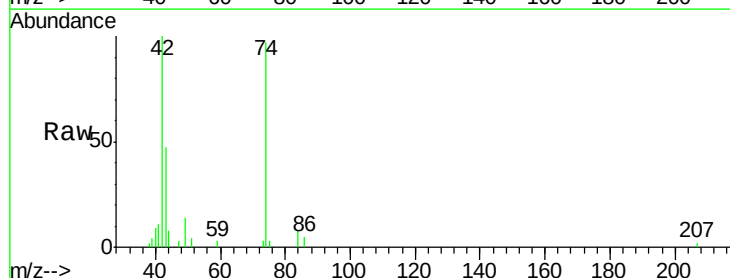
Tgt Ion: 42 Resp: 40415

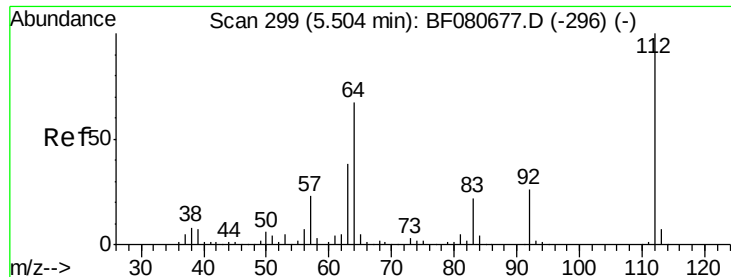
Ion Ratio Lower Upper

42 100

74 97.2 87.0 130.6

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 95.10 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

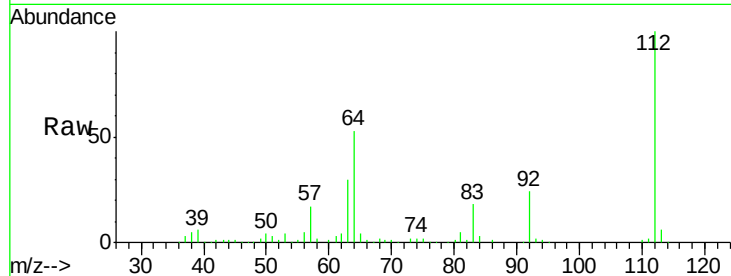
Tot Ion:112 Resp: 211223

Ion Ratio Lower Upper

112 100

64 52.9 53.2 79.8#

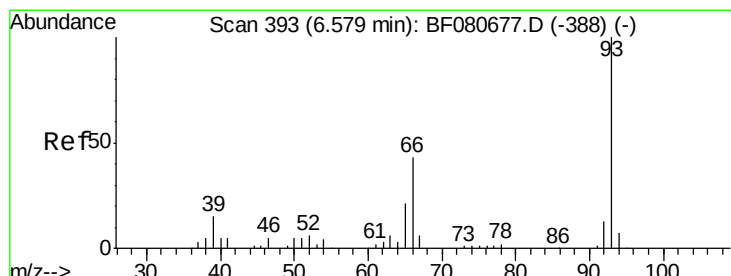
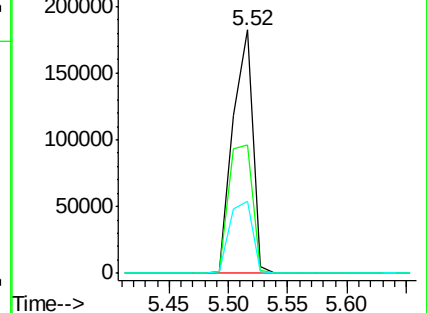
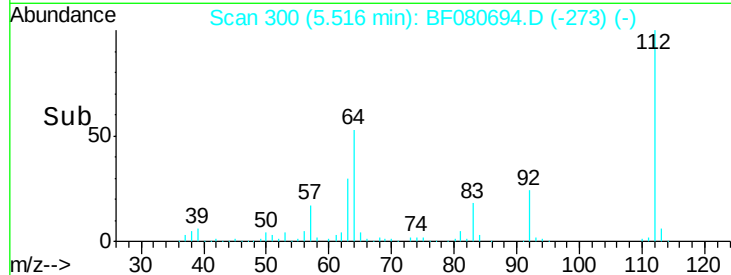
63 29.8 30.4 45.6#



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



#6

Aniline

Concen: 11.68 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

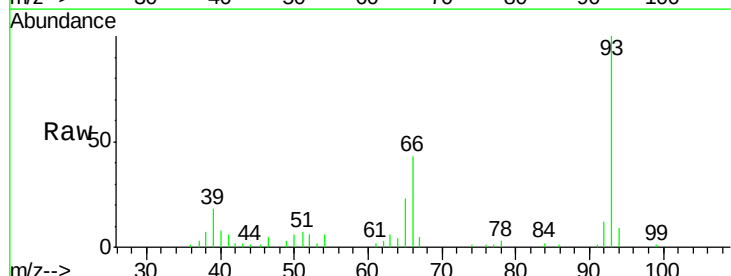
Tgt Ion: 93 Resp: 39545

Ion Ratio Lower Upper

93 100

66 42.7 34.6 52.0

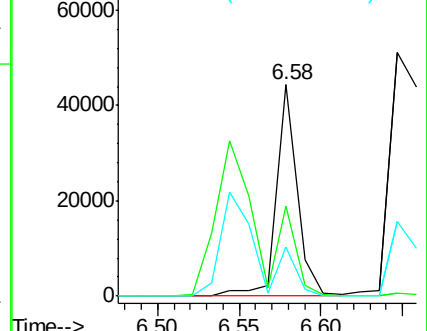
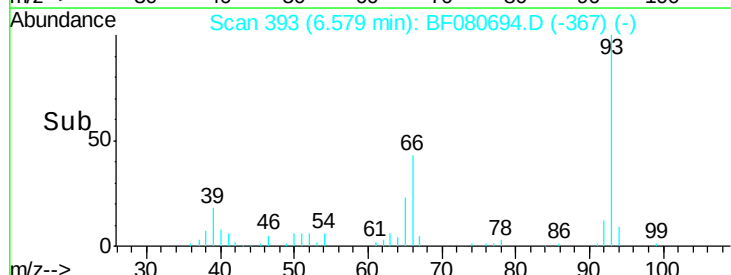
65 23.2 16.5 24.7

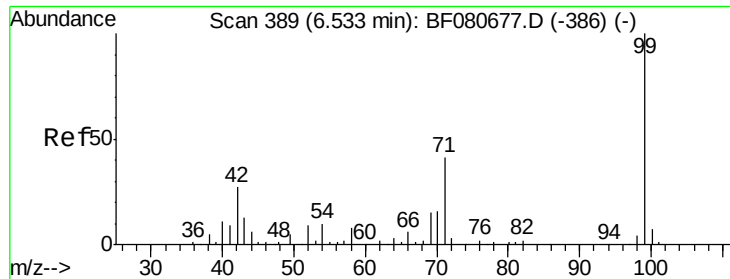


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.99 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

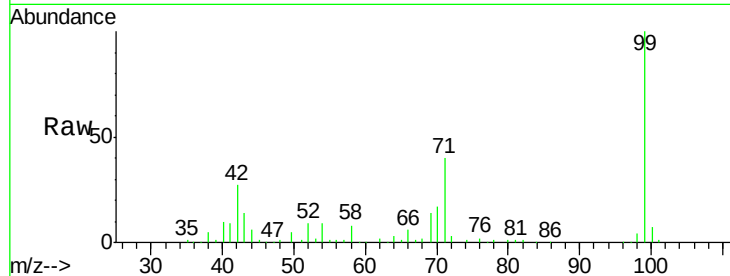
Tot Ion: 99 Resp: 236557

Ion Ratio Lower Upper

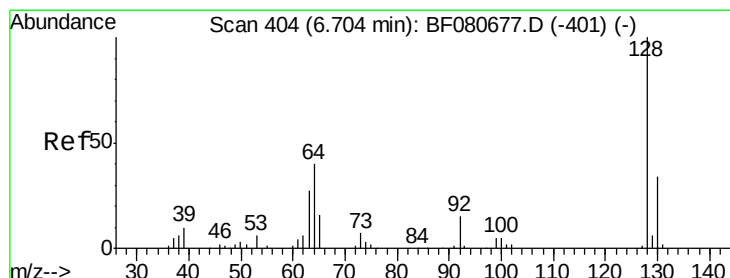
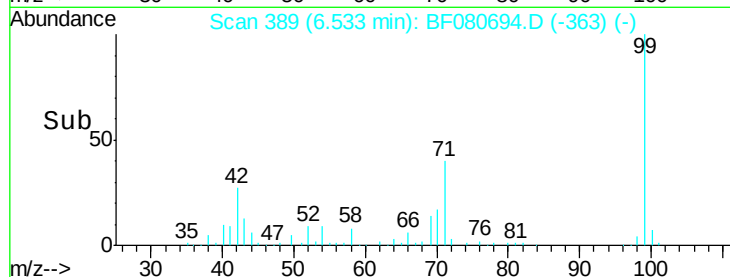
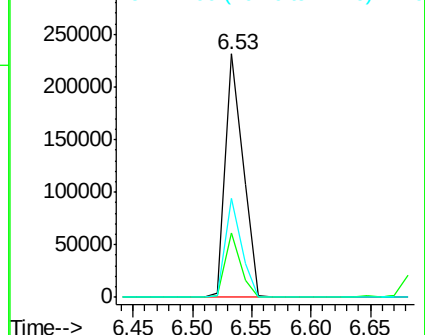
99 100

42 26.5 21.8 32.8

71 40.4 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: 34.33 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

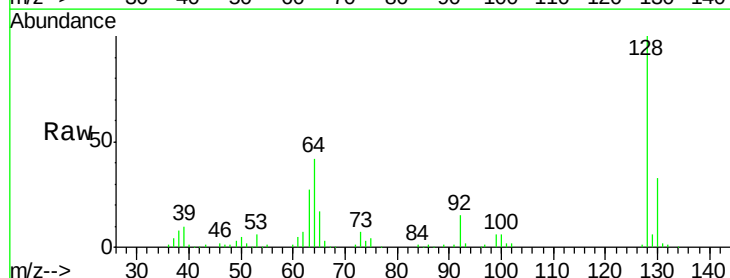
Tgt Ion: 128 Resp: 75653

Ion Ratio Lower Upper

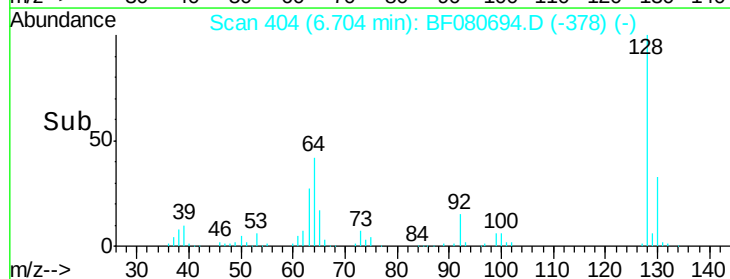
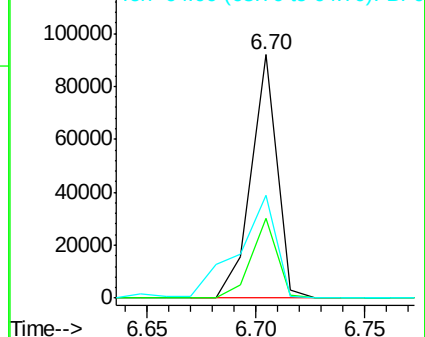
128 100

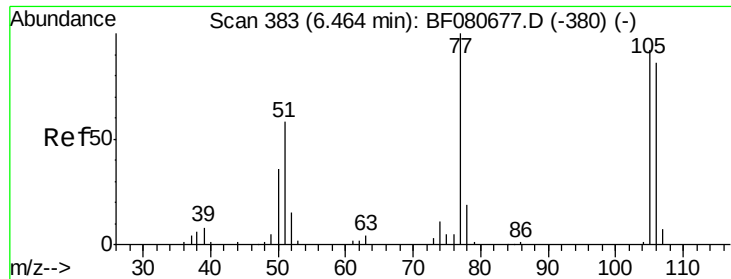
130 32.6 14.0 54.0

64 42.0 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

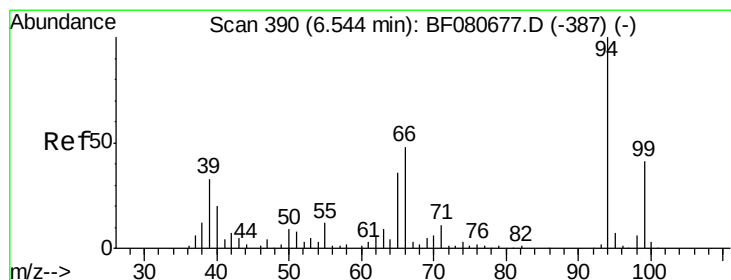
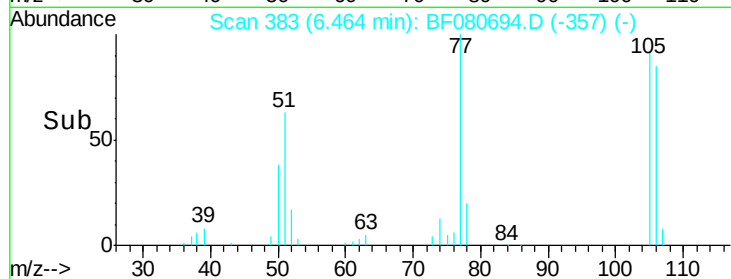
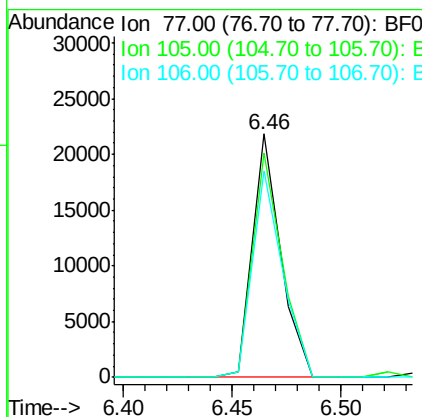
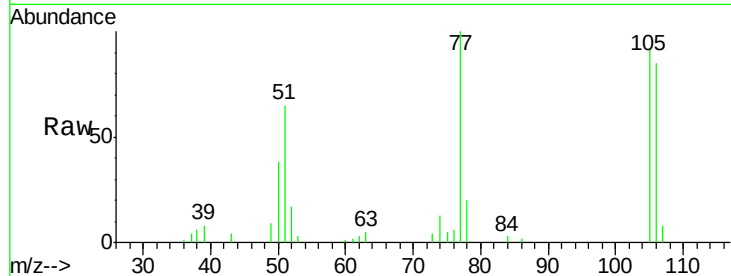




#9
Benzaldehyde
Concen: 12.15 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

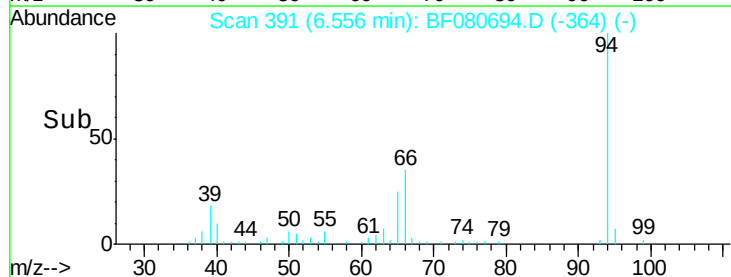
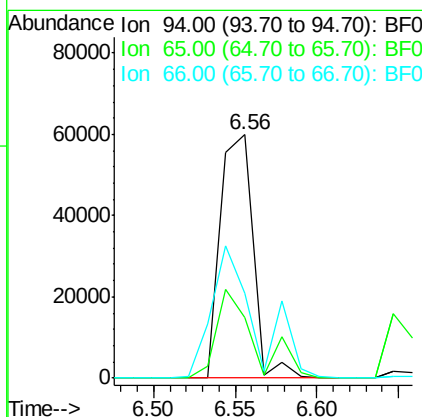
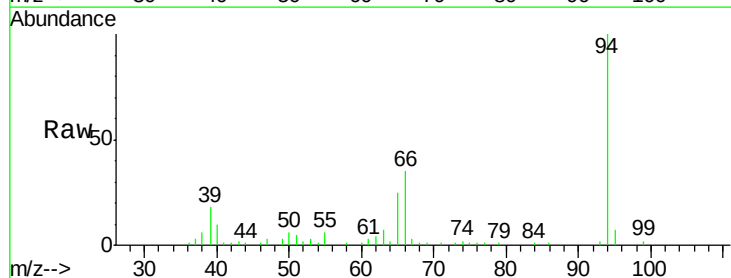
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

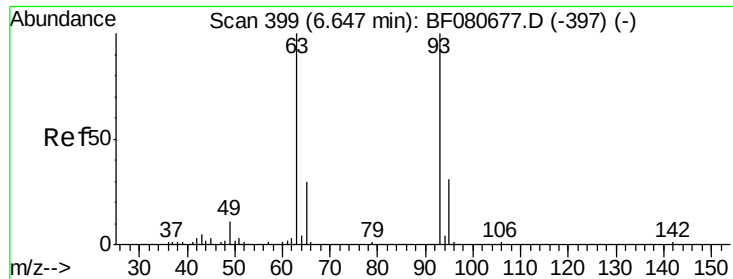
Tot Ion: 77 Resp: 19648
Ion Ratio Lower Upper
77 100
105 92.1 72.1 112.1
106 84.9 65.5 105.5



#10
Phenol
Concen: 30.58 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion: 94 Resp: 82714
Ion Ratio Lower Upper
94 100
65 25.1 16.0 56.0
66 34.9 28.1 68.1

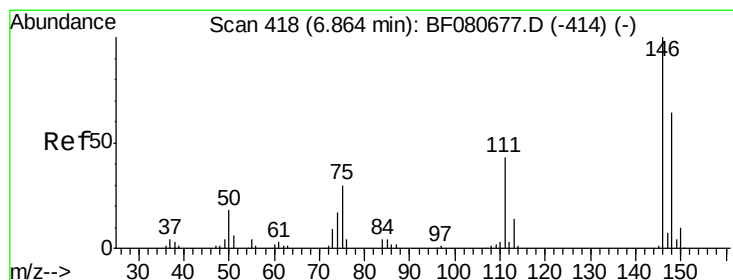
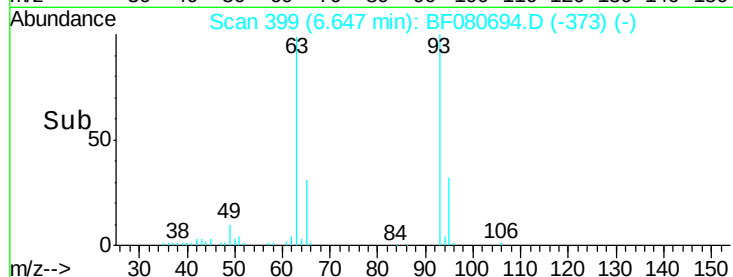
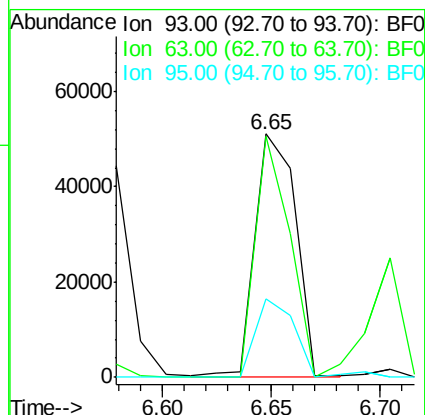
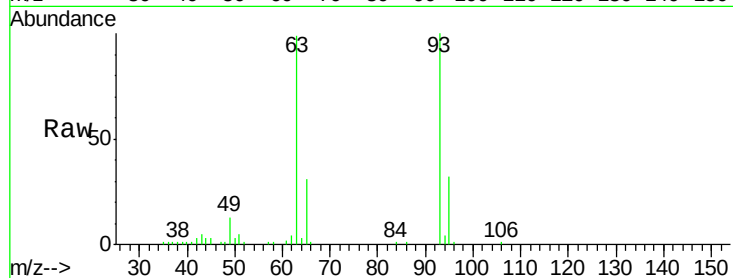




#11
bis(2-Chloroethyl)ether
Concen: 34.46 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

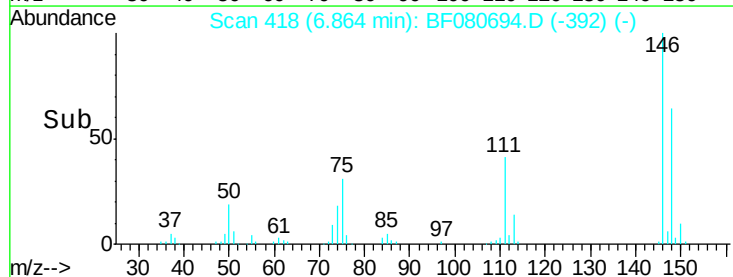
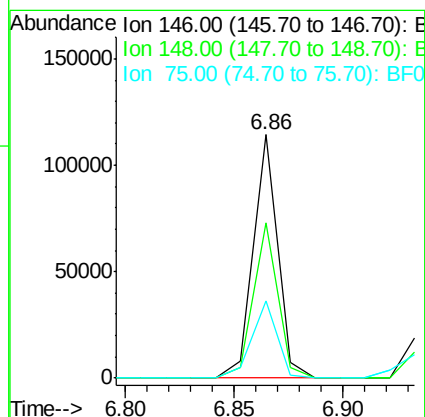
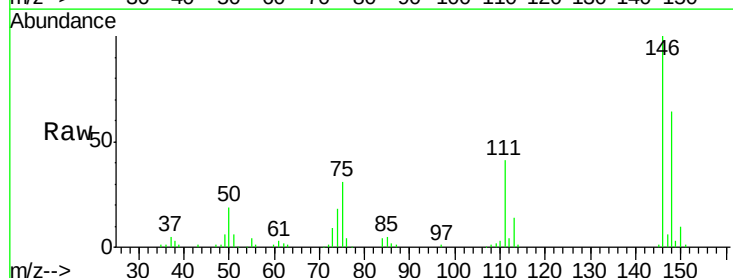
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

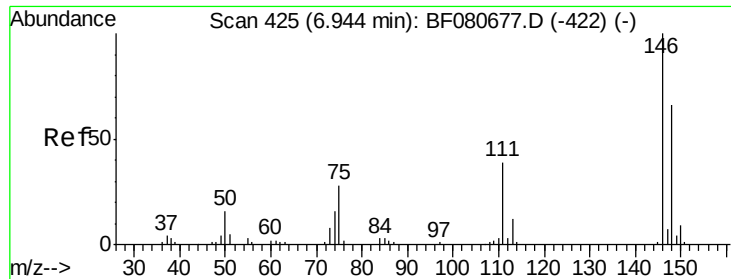
Tot Ion: 93 Resp: 67122
Ion Ratio Lower Upper
93 100
63 99.2 79.7 119.7
95 32.2 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 33.32 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion: 146 Resp: 89186
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 31.5 23.9 35.9

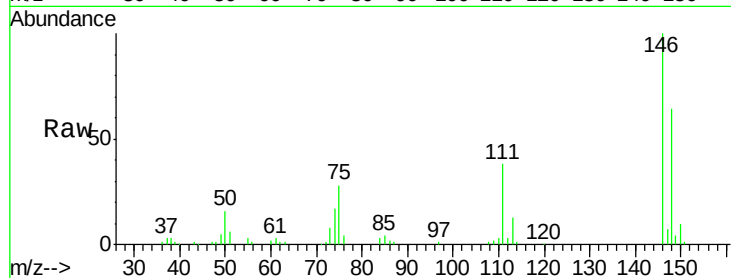




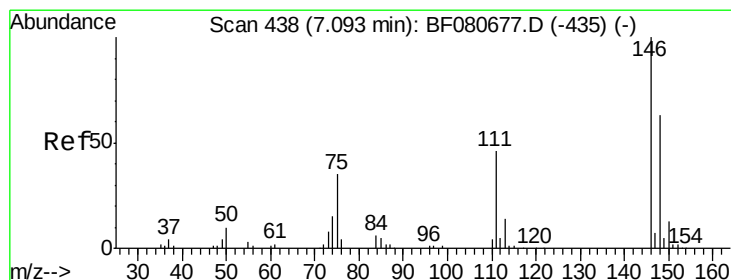
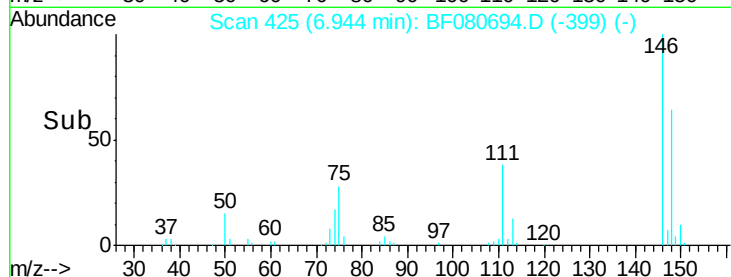
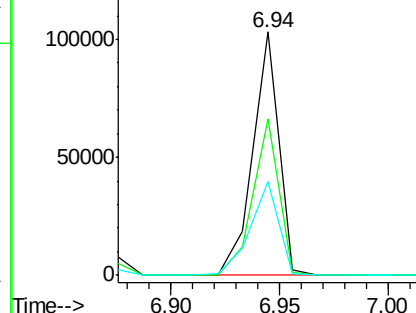
#13
 1,4-Dichlorobenzene
 Concen: 32.56 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:146 Resp: 85335
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.7 79.1
 111 38.5 31.1 46.7

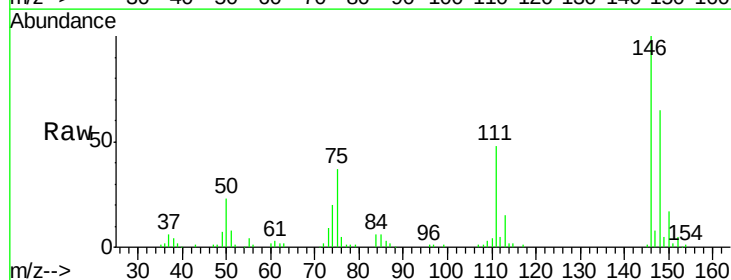


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

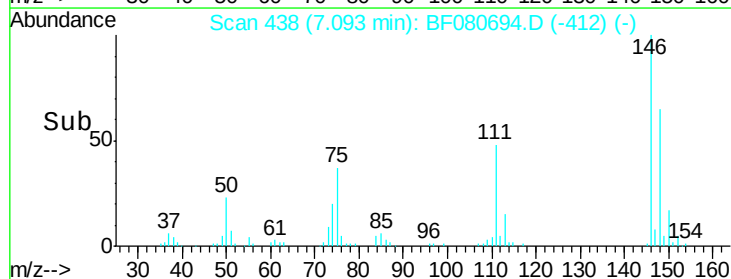
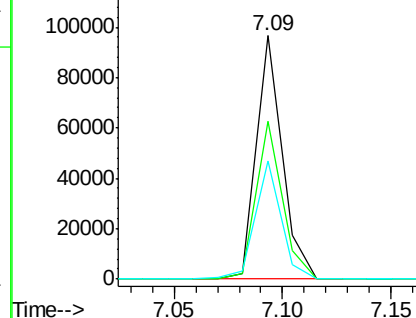


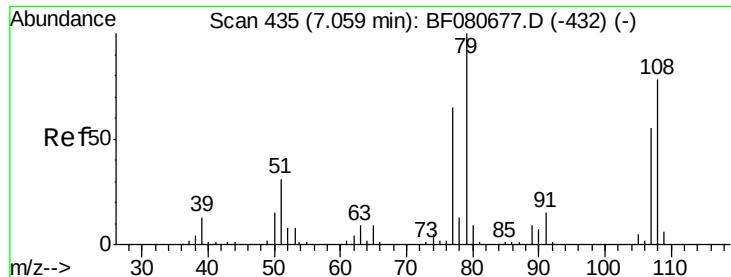
#14
 1,2-Dichlorobenzene
 Concen: 32.09 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:146 Resp: 79794
 Ion Ratio Lower Upper
 146 100
 148 64.6 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: 34.97 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

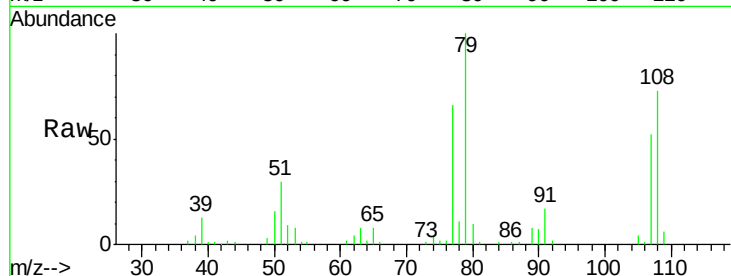
Tot Ion: 79 Resp: 68341

Ion Ratio Lower Upper

79 100

108 73.4 62.7 94.1

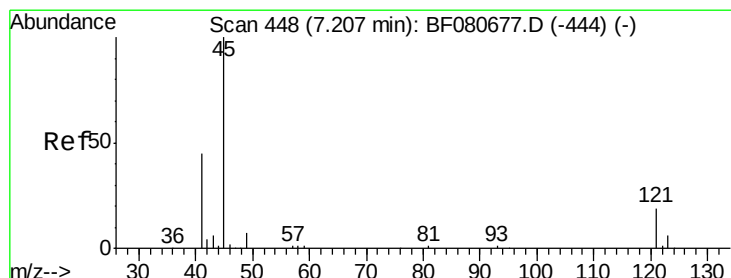
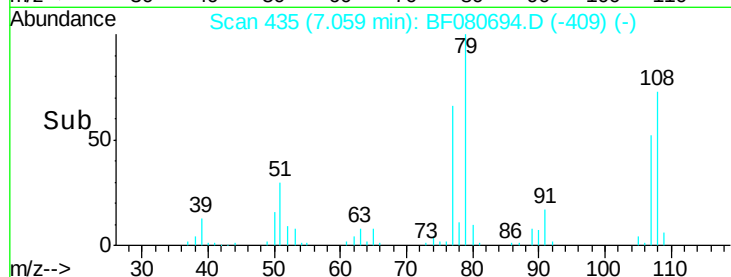
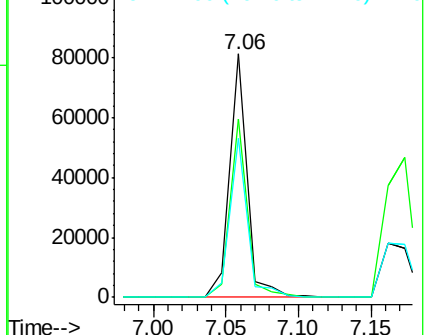
77 65.6 51.8 77.8



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: 34.93 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

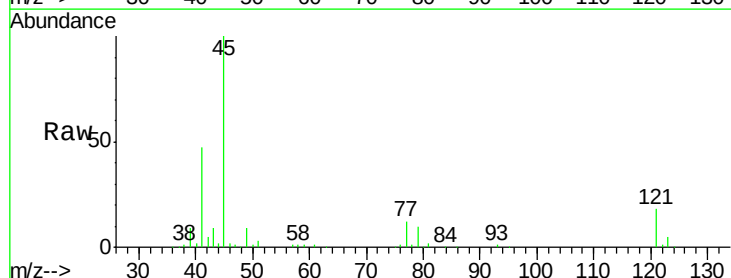
Tgt Ion: 45 Resp: 127500

Ion Ratio Lower Upper

45 100

77 12.0 0.0 33.4

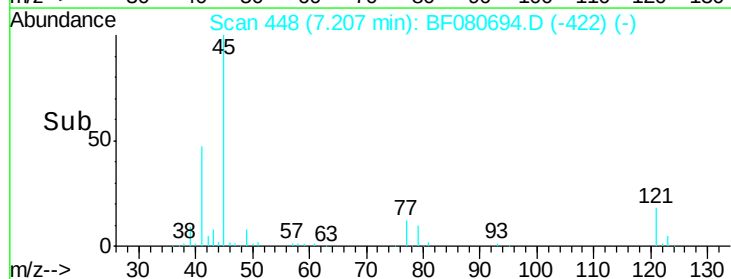
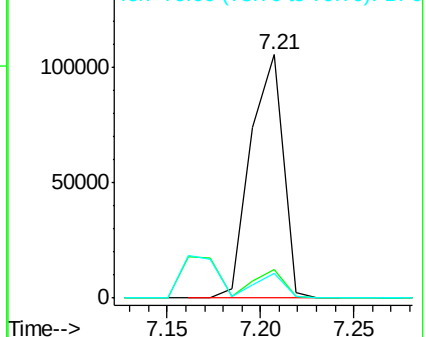
79 9.9 0.0 28.8

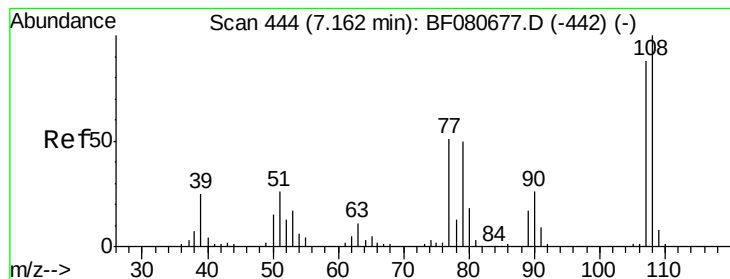


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

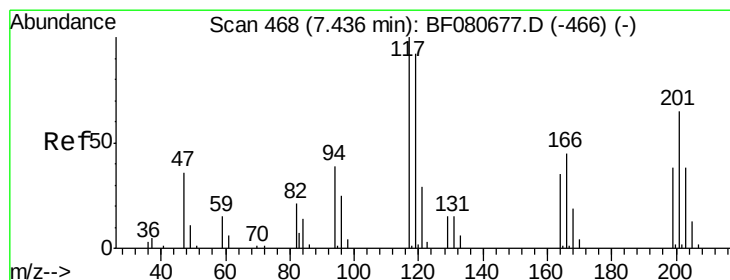
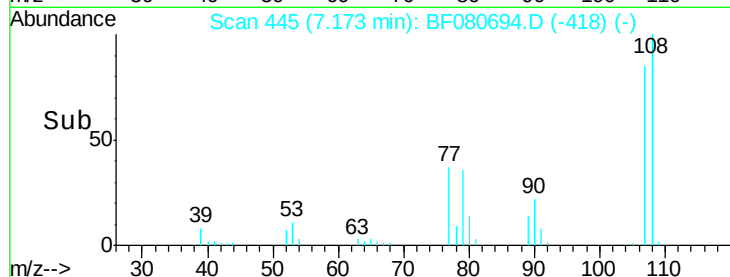
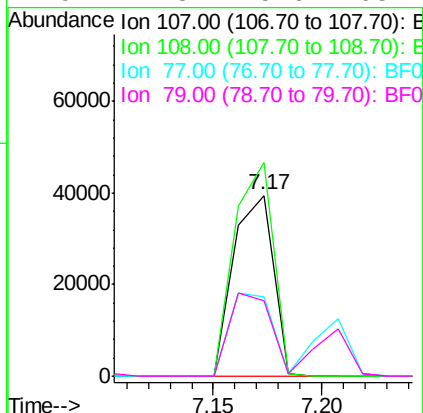
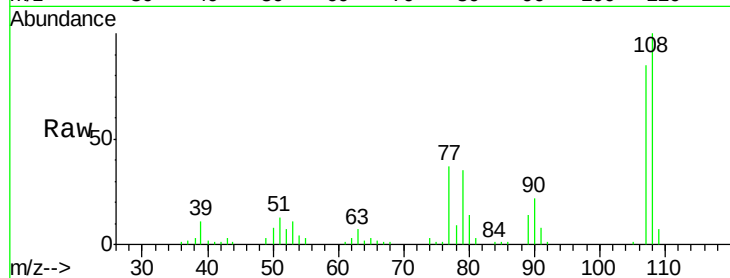




#17
2-Methylphenol
Concen: 32.46 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

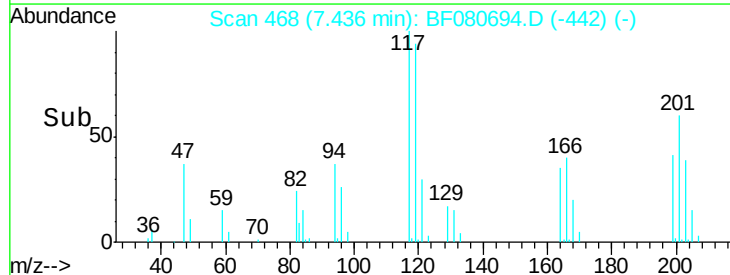
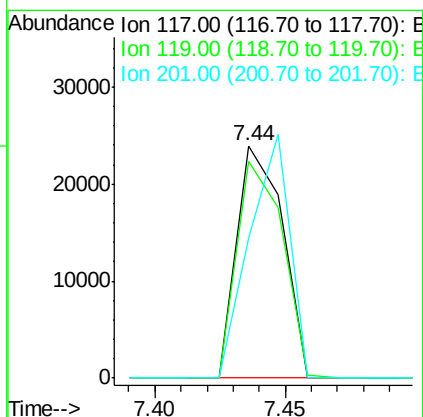
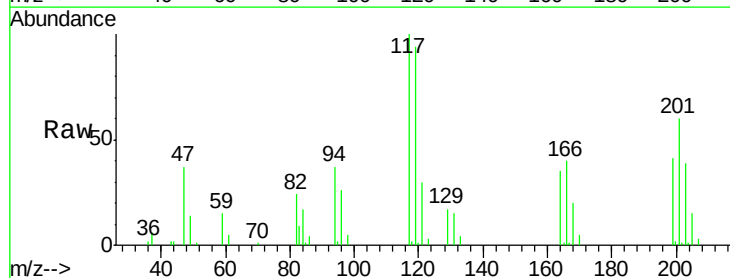
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

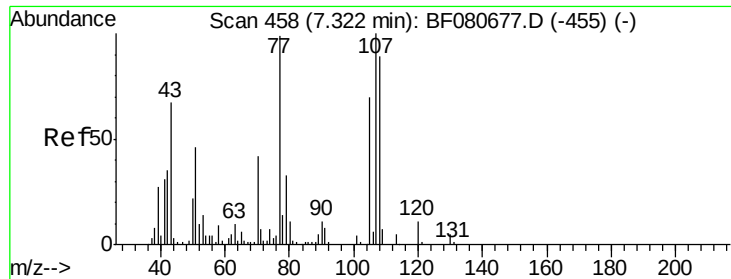
Tot Ion	Ratio	Lower	Upper
107	100		
108	118.0	91.3	136.9
77	44.2	47.0	70.4#
79	41.8	45.6	68.4#



#18
Hexachloroethane
Concen: 33.61 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.6	110.4
201	60.3	52.2	78.2





#19

n-Nitroso-di-n-propylamine

Concen: 32.42 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

Tot Ion: 70 Resp: 45589

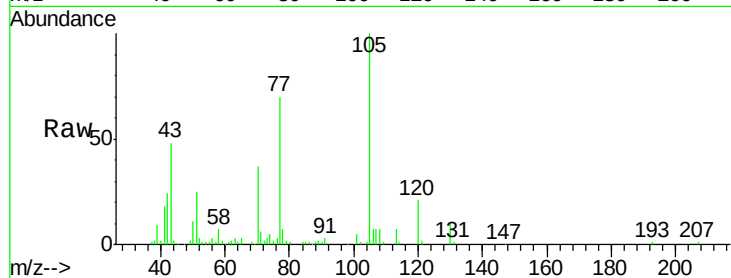
Ion Ratio Lower Upper

70 100

42 64.5 67.4 101.2#

101 12.6 7.3 10.9#

130 28.0 10.5 15.7#

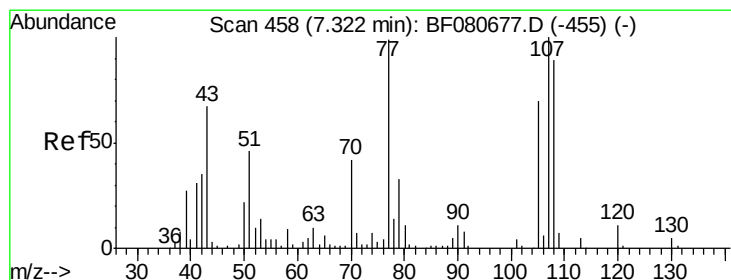
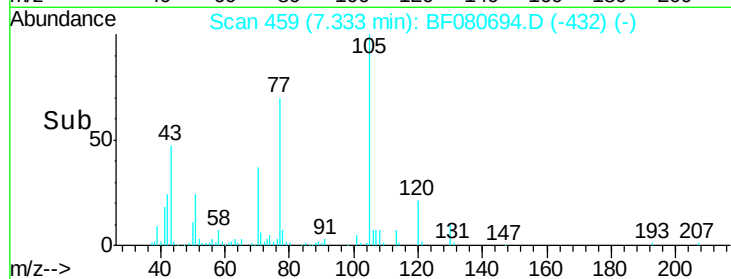
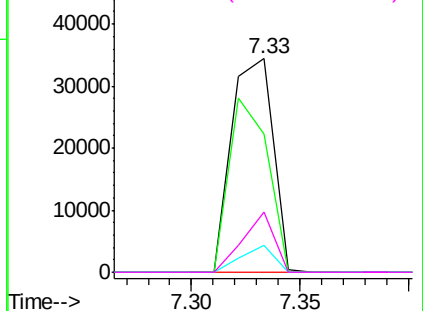


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 35.09 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Tgt Ion: 107 Resp: 74047

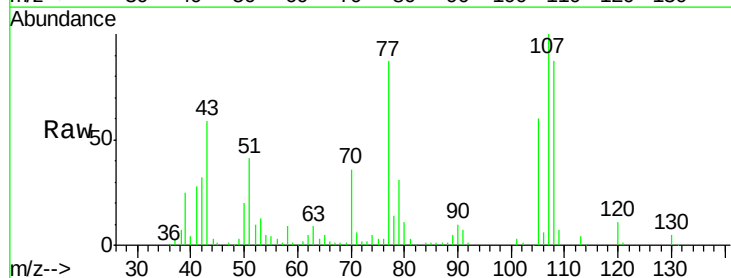
Ion Ratio Lower Upper

107 100

108 87.3 68.7 108.7

77 86.7 78.9 118.9

79 30.5 13.1 53.1

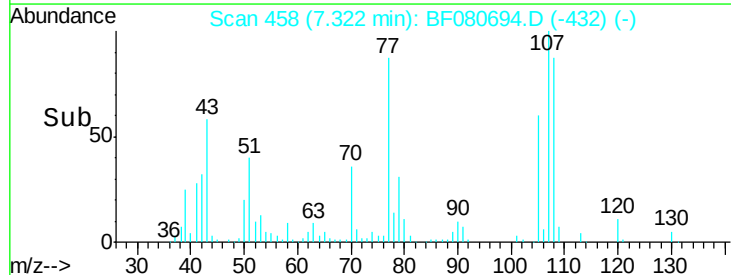
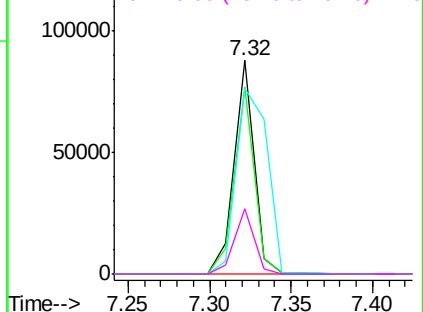


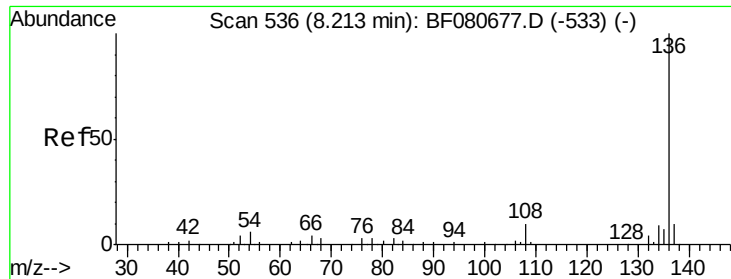
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

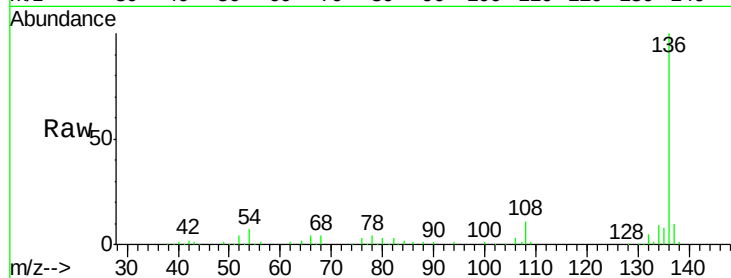




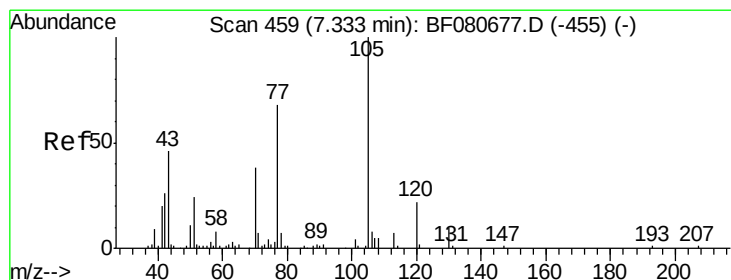
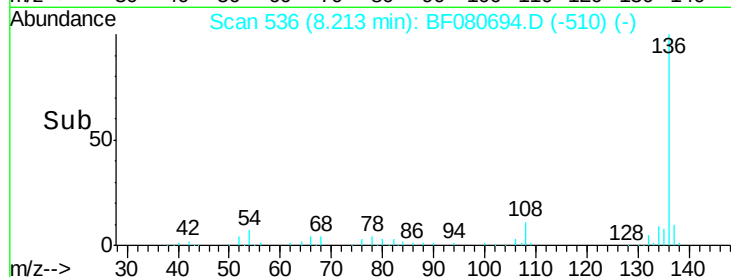
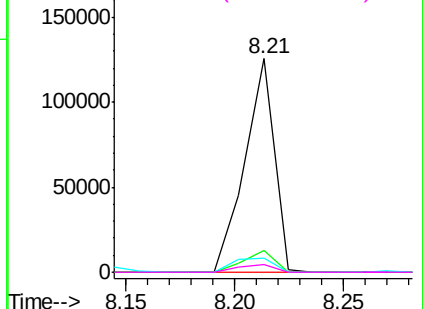
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

Tot Ion:136	Resp:	118110
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.2 12.2
54	6.7	5.0 7.4
68	3.8	2.7 4.1

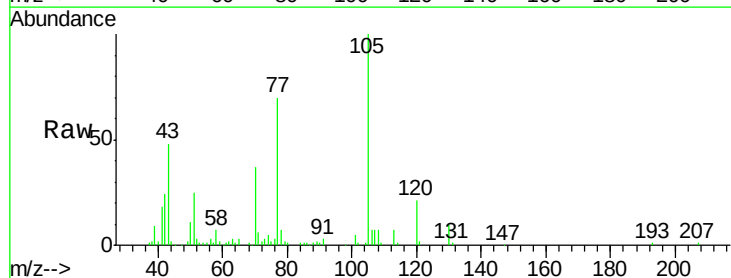


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

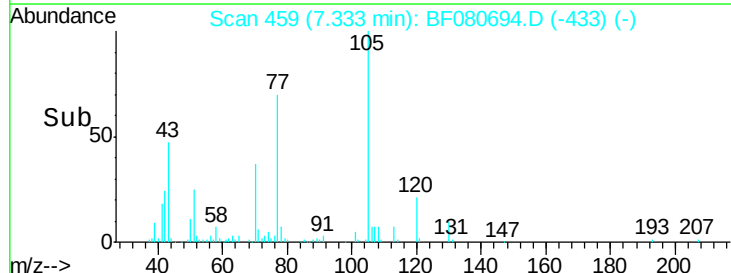
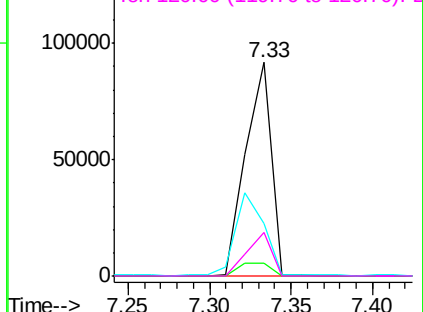


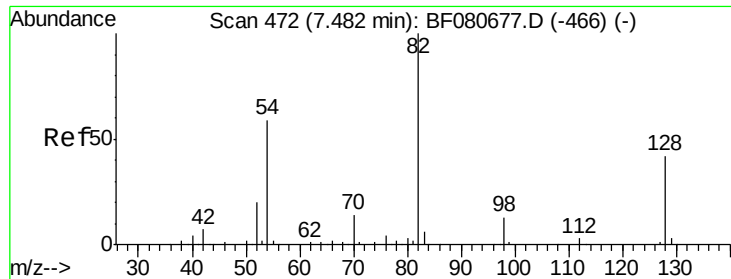
#22
Acetophenone
Concen: 32.88 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:105	Resp:	100023
Ion Ratio	Lower	Upper
105	100	
71	6.0	5.4 8.2
51	24.8	19.6 29.4
120	20.5	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

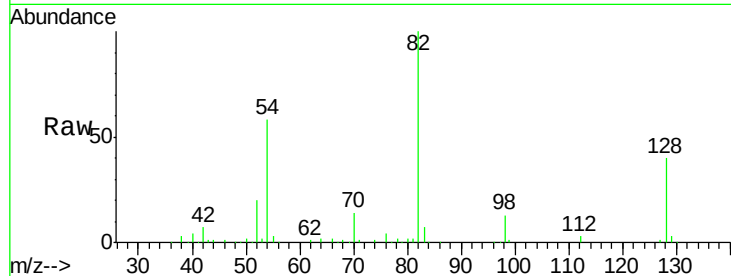




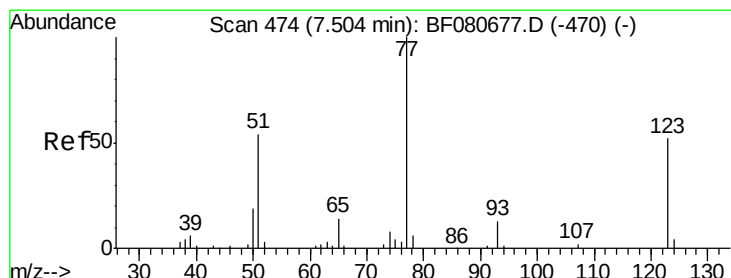
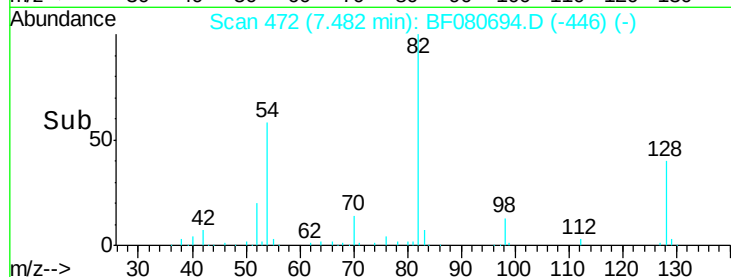
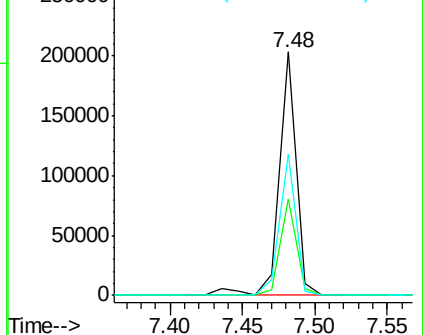
#23
 Nitrobenzene-d5
 Concen: 71.53 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion: 82 Resp: 164428
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.7 50.5
 54 58.0 47.3 70.9

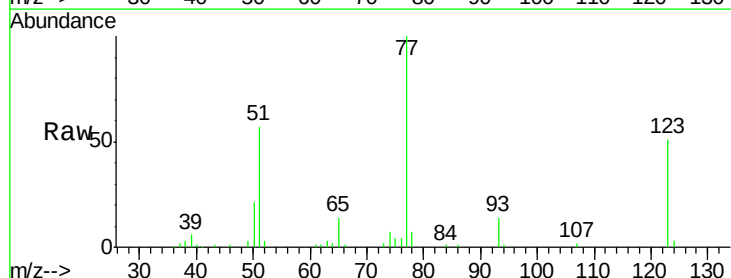


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

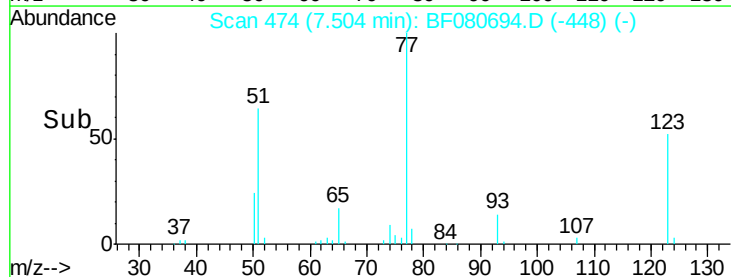
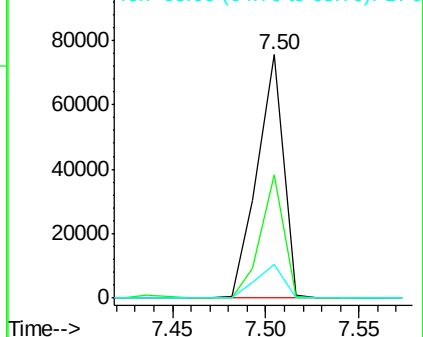


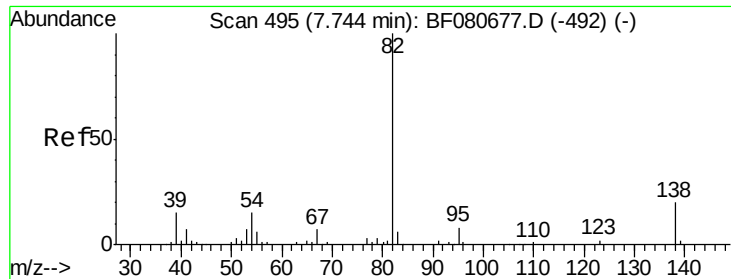
#24
 Nitrobenzene
 Concen: 32.49 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion: 77 Resp: 73661
 Ion Ratio Lower Upper
 77 100
 123 50.7 41.8 62.8
 65 13.8 10.8 16.2



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





#25

Isophorone

Concen: 34.31 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

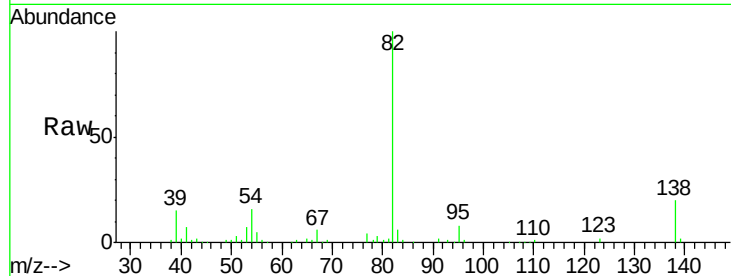
Tot Ion: 82 Resp: 122783

Ion Ratio Lower Upper

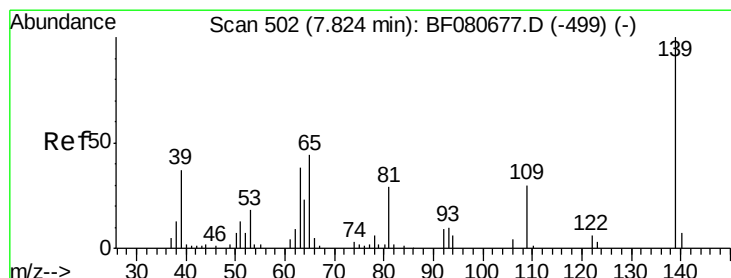
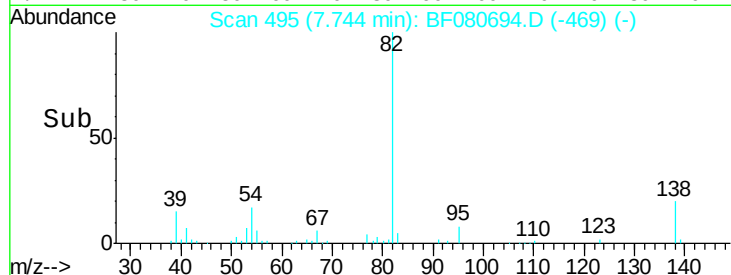
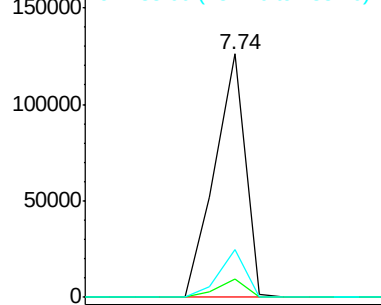
82 100

95 7.7 6.2 9.2

138 19.6 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: 36.76 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

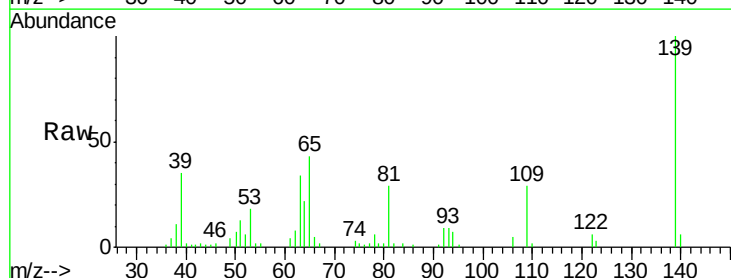
Tgt Ion: 139 Resp: 33624

Ion Ratio Lower Upper

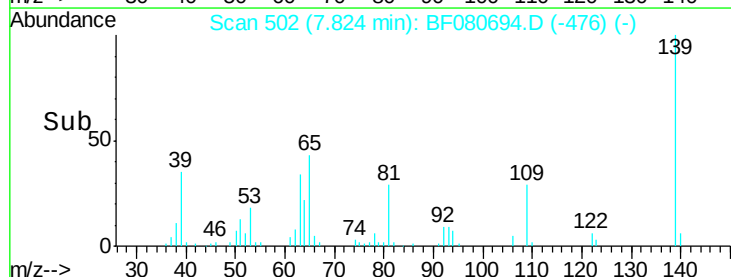
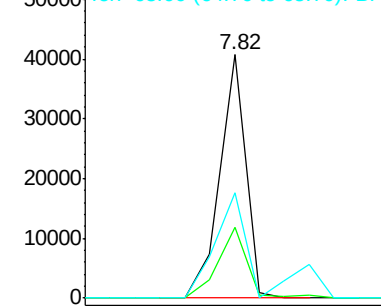
139 100

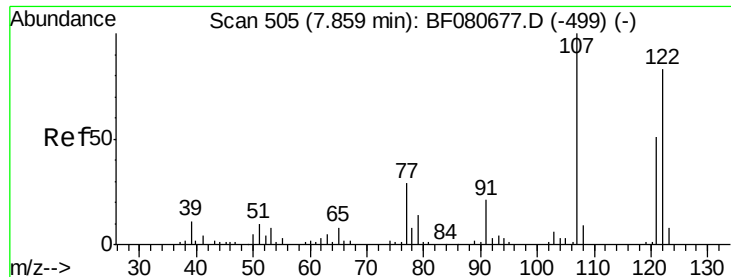
109 28.9 24.2 36.2

65 43.3 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

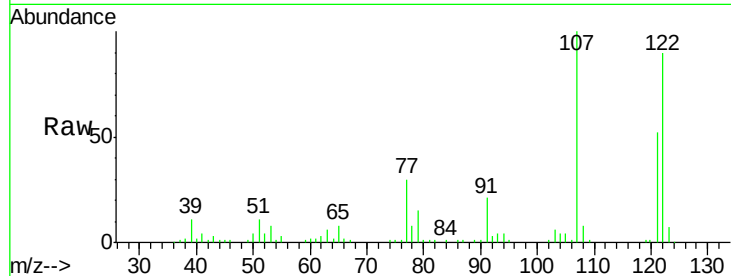




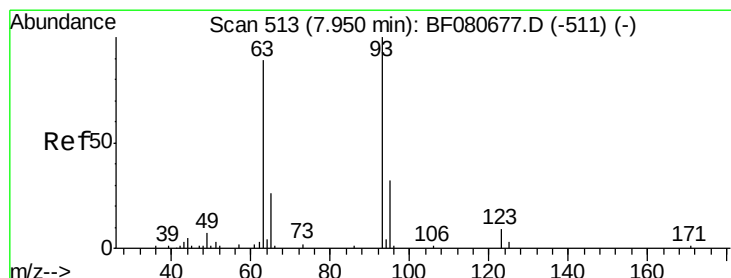
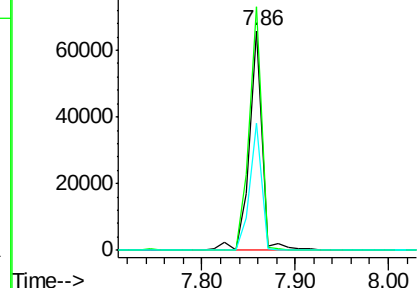
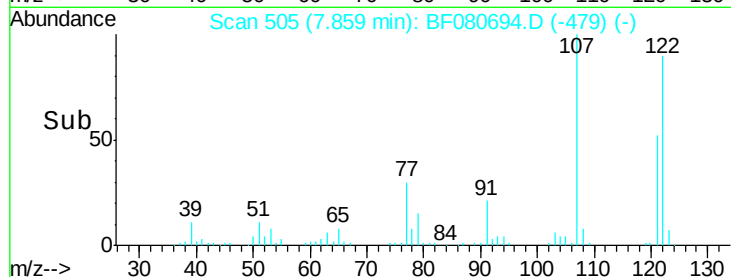
#27
 2,4-Dimethylphenol
 Concen: 35.51 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:122 Resp: 62642
 Ion Ratio Lower Upper
 122 100
 107 111.0 95.8 143.8
 121 57.7 49.0 73.4

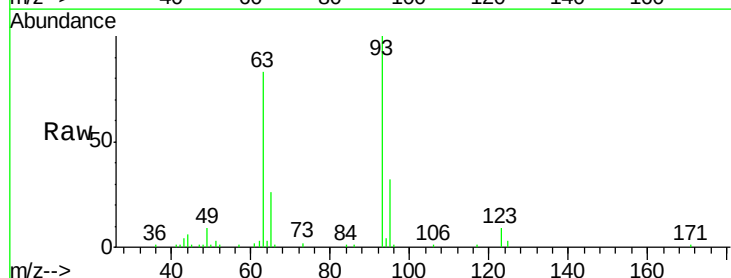


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

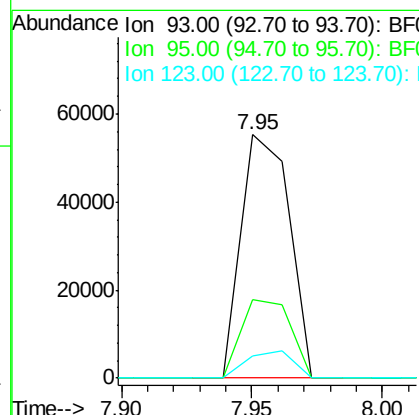
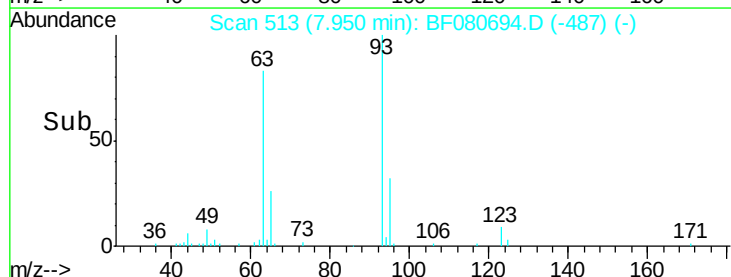


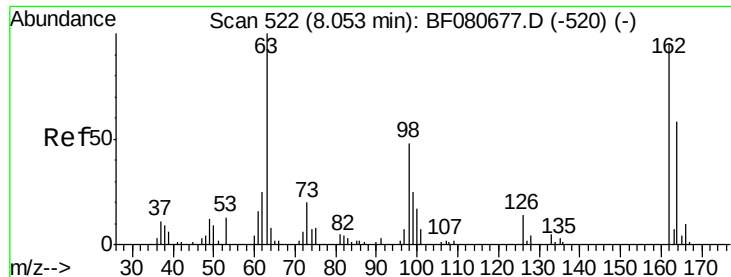
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.09 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion: 93 Resp: 71636
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.3 37.9
 123 9.2 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

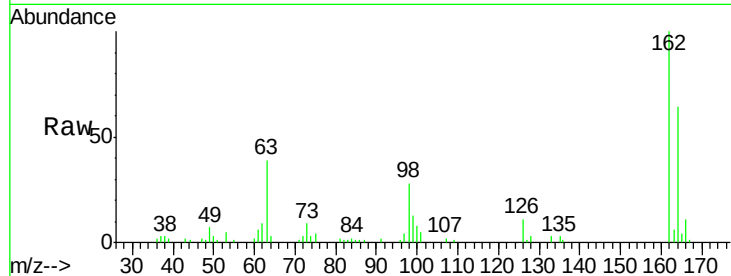




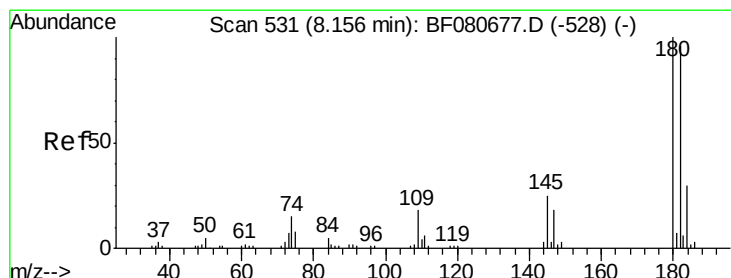
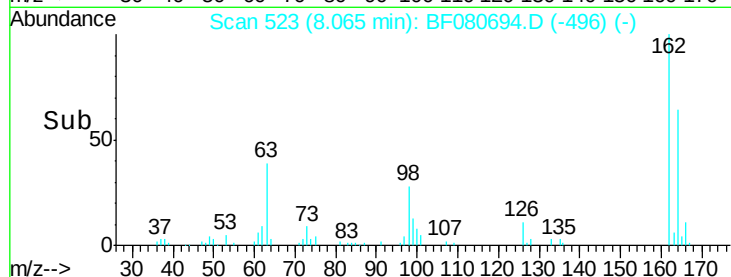
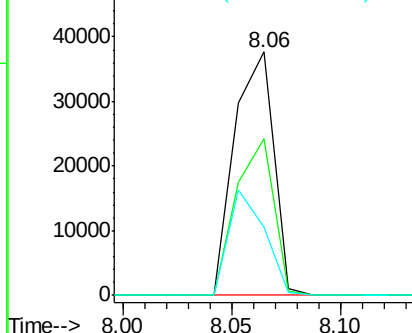
#29
 2,4-Dichlorophenol
 Concen: 31.60 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:162 Resp: 47021
 Ion Ratio Lower Upper
 162 100
 164 64.1 41.2 81.2
 98 28.2 30.4 70.4#

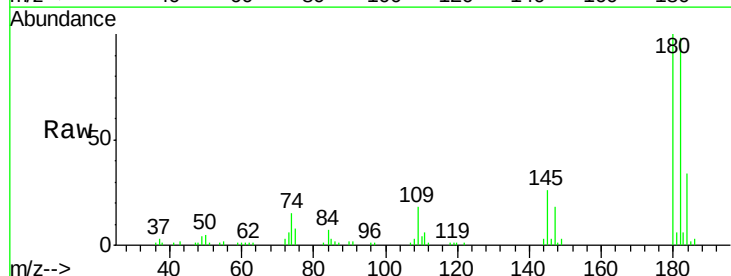


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

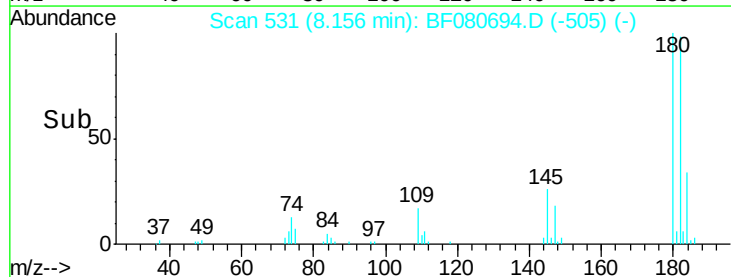
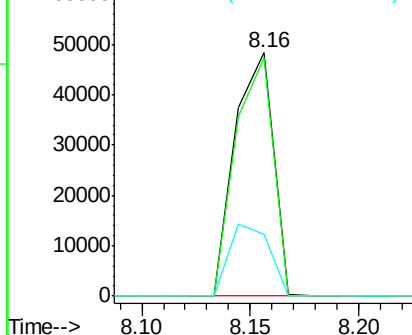


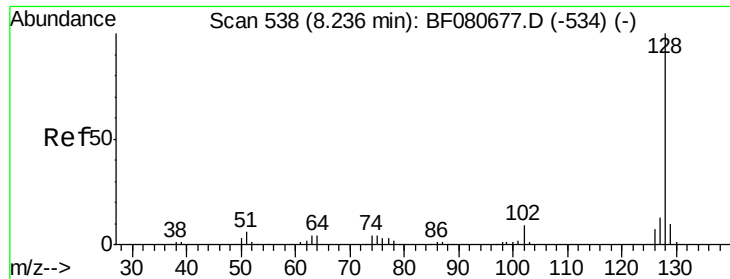
#30
 1,2,4-Trichlorobenzene
 Concen: 31.16 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:180 Resp: 59009
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.1 115.7
 145 25.5 20.0 30.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

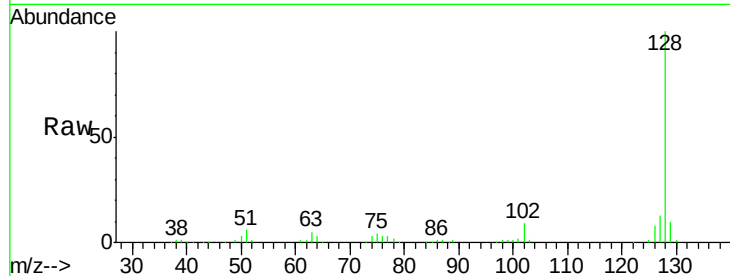




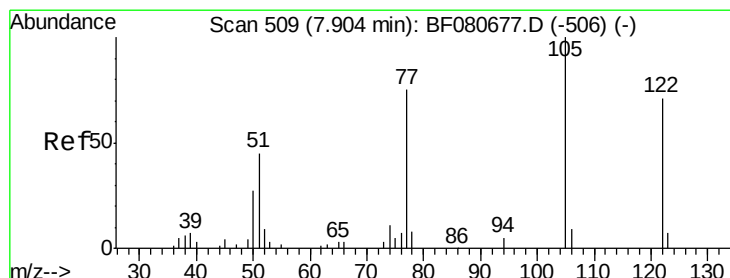
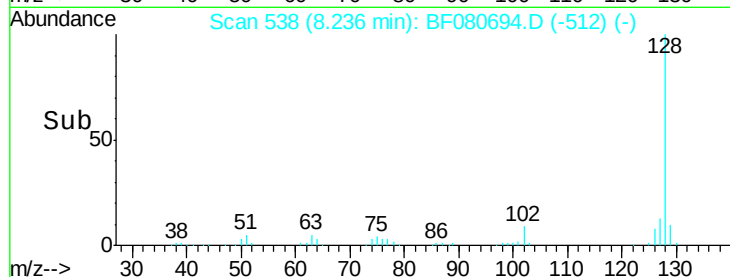
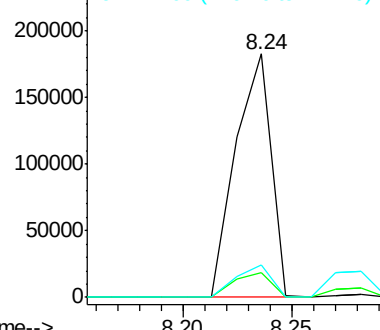
#31
Naphthalene
Concen: 35.97 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

Tot Ion:128 Resp: 208936
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 13.3 10.5 15.7

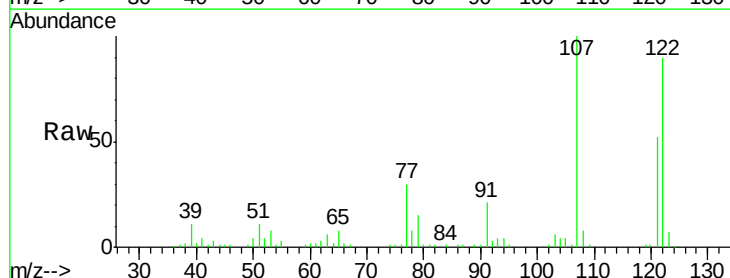


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

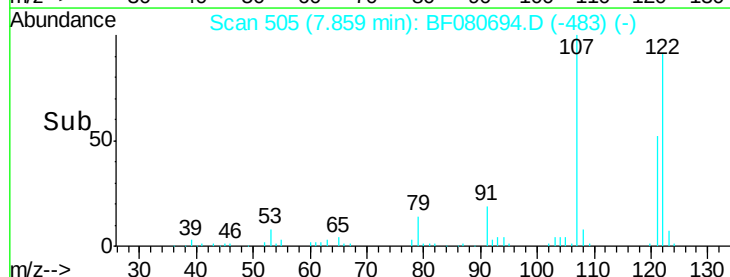
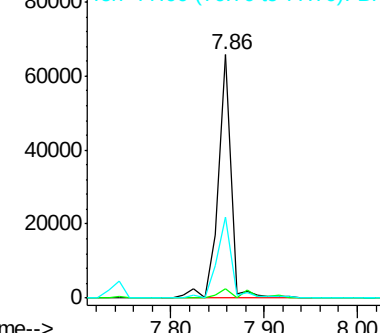


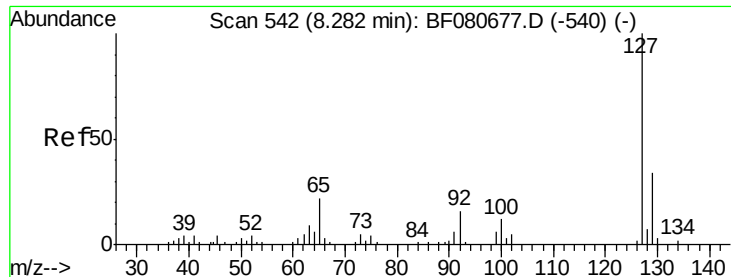
#32
Benzoic acid
Concen: 71.92 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:122 Resp: 62642
Ion Ratio Lower Upper
122 100
105 4.0 117.6 157.6#
77 33.4 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

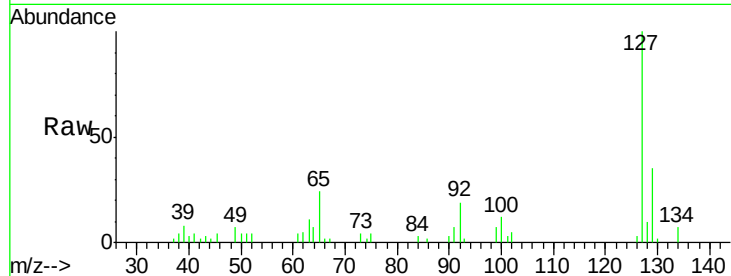




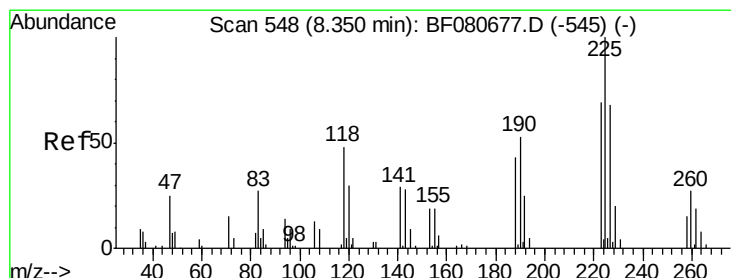
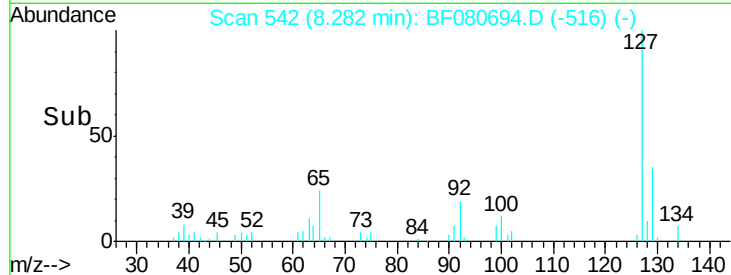
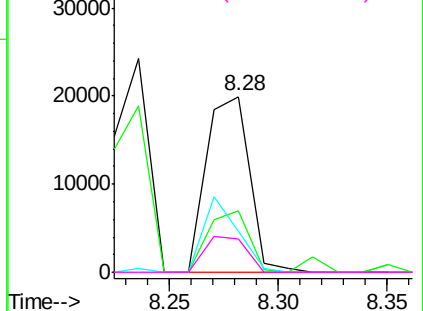
#33
4-Chloroaniline
Concen: 13.10 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

Tot Ion:	127	Resp:	27403
Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.8	40.2
65	23.6	17.6	26.4
92	19.2	13.0	19.6

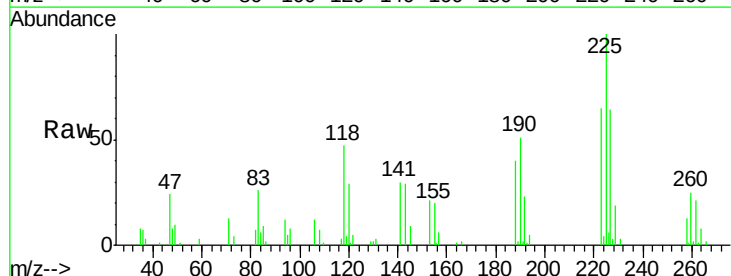


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

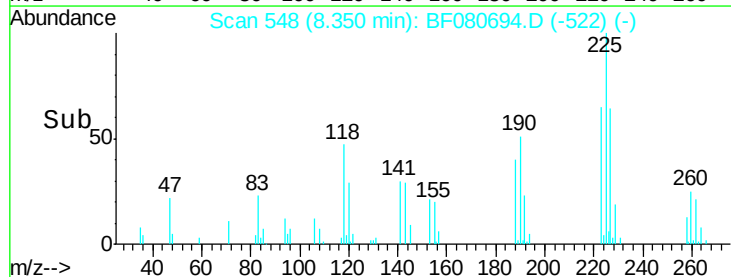
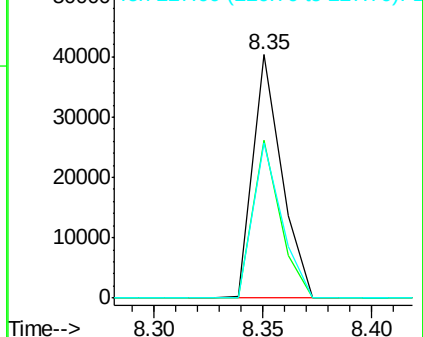


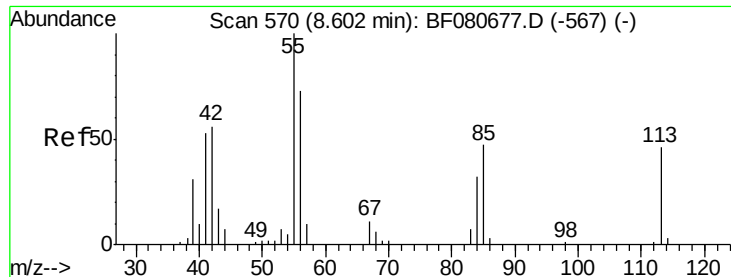
#34
Hexachlorobutadiene
Concen: 31.57 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:	225	Resp:	37308
Ion	Ratio	Lower	Upper
225	100		
223	65.1	55.0	82.6
227	64.0	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

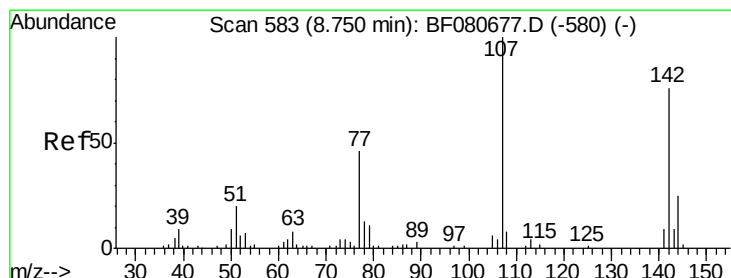
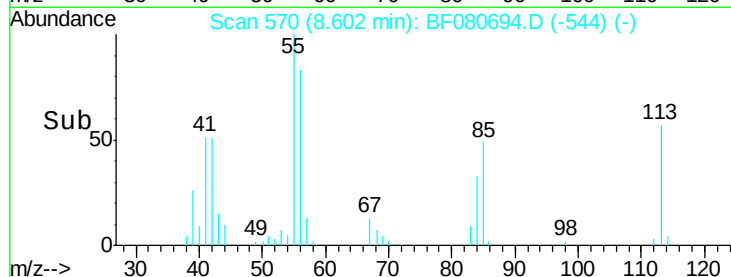
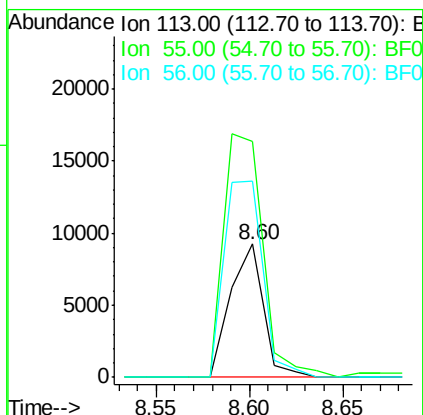
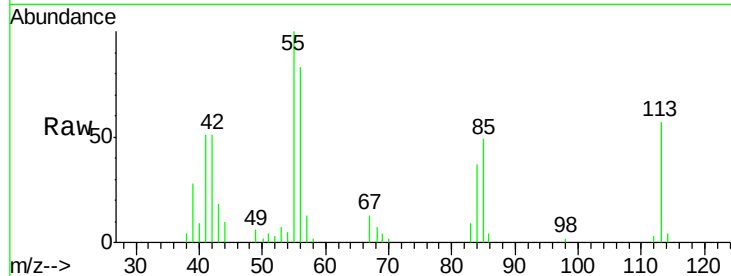




#35
 Caprolactam
 Concen: 37.90 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

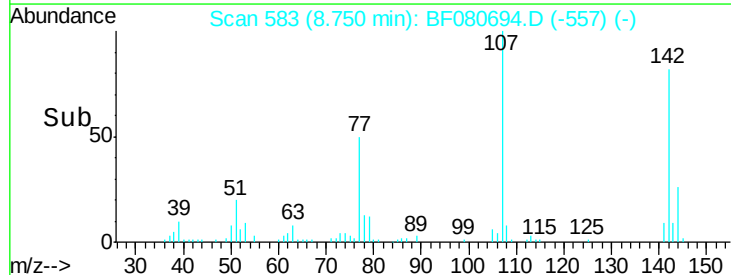
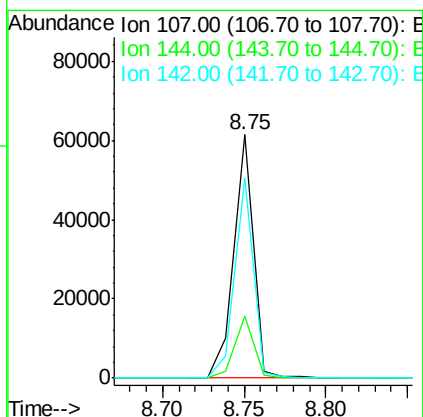
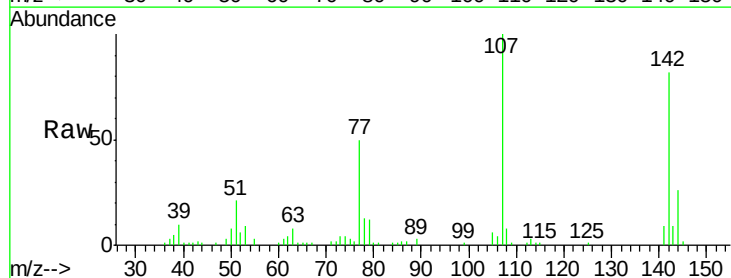
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

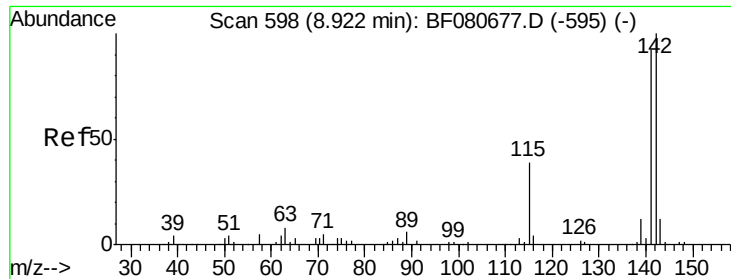
Tot Ion:113 Resp: 11458
 Ion Ratio Lower Upper
 113 100
 55 176.7 198.5 238.5#
 56 147.4 139.5 179.5



#36
 4-Chloro-3-methylphenol
 Concen: 33.67 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:107 Resp: 50838
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 82.2 61.0 91.6

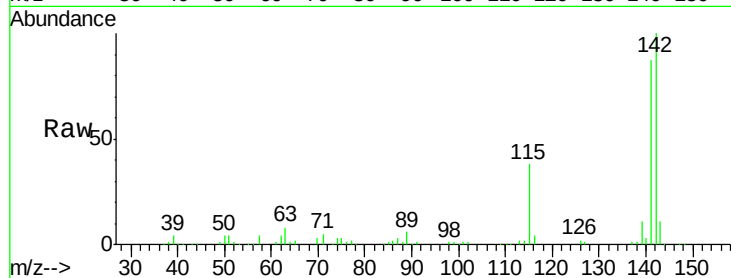




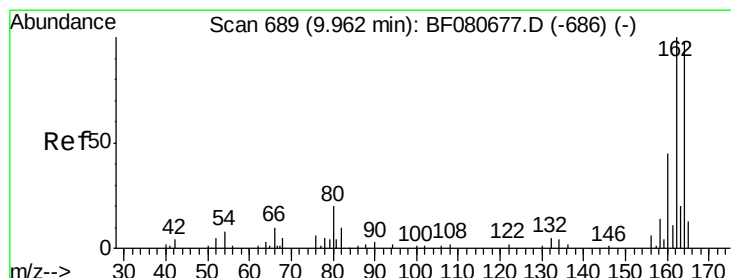
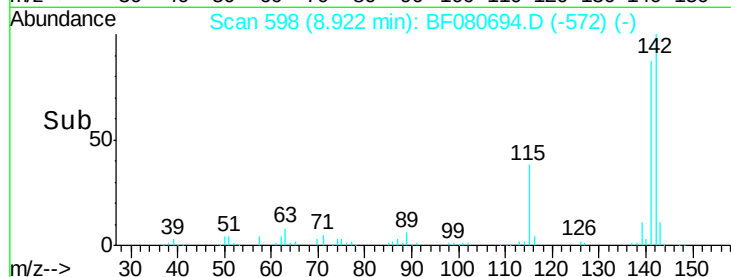
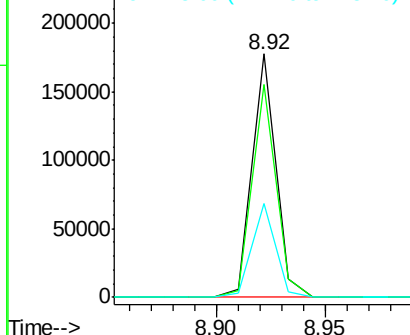
#37
 2-Methylnaphthalene
 Concen: 36.32 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:142 Resp: 134717
 Ion Ratio Lower Upper
 142 100
 141 87.3 73.4 110.0
 115 38.4 31.0 46.4

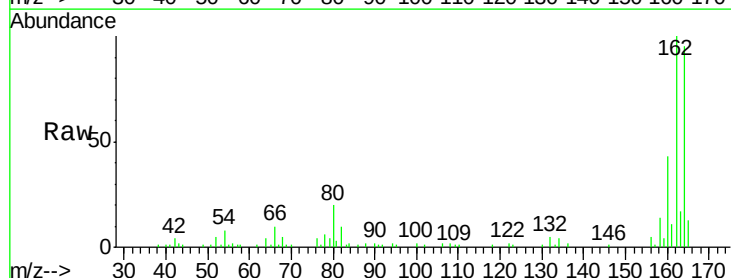


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

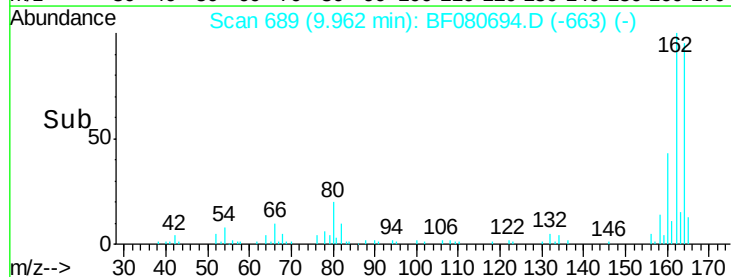
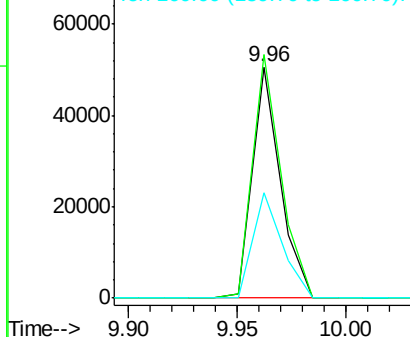


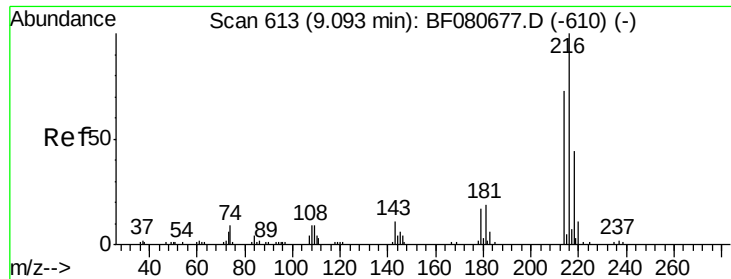
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:164 Resp: 44814
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.0 123.0
 160 45.4 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: 32.23 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

Tot Ion:216 Resp: 53166

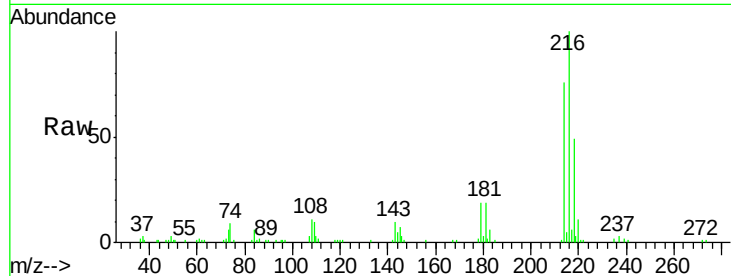
Ion Ratio Lower Upper

216 100

214 76.2 61.6 92.4

179 21.3 17.4 26.0

108 20.9 16.2 24.2

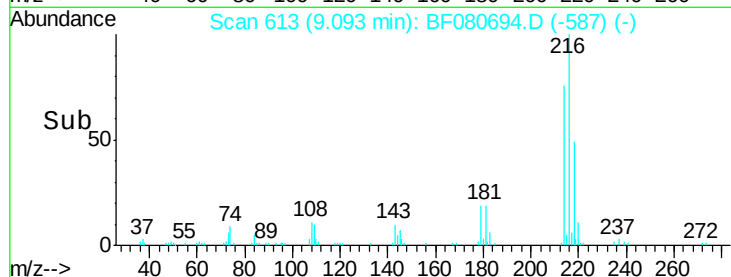


Abundance Ion 216.00 (215.70 to 216.70): E

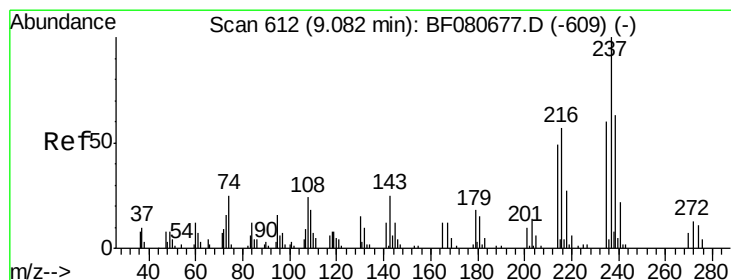
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 58.79 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

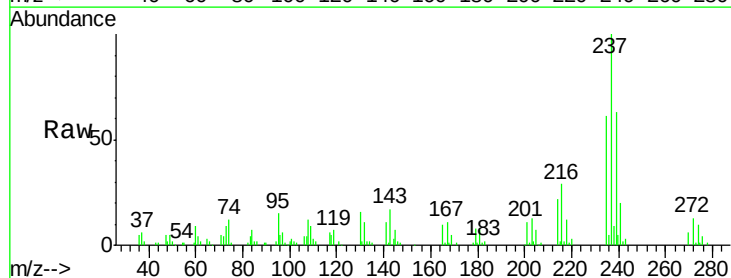
Tgt Ion:237 Resp: 61894

Ion Ratio Lower Upper

237 100

235 60.6 40.5 80.5

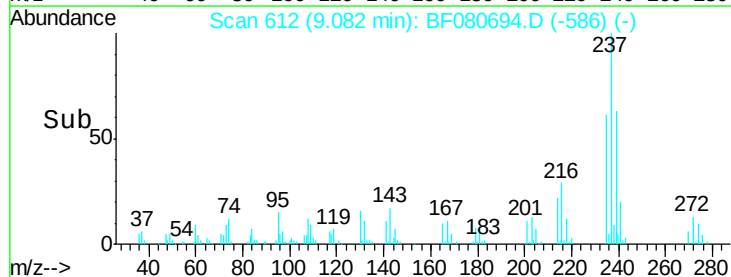
272 12.6 0.0 33.5



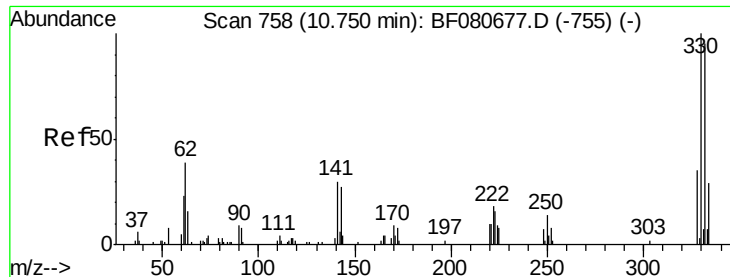
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



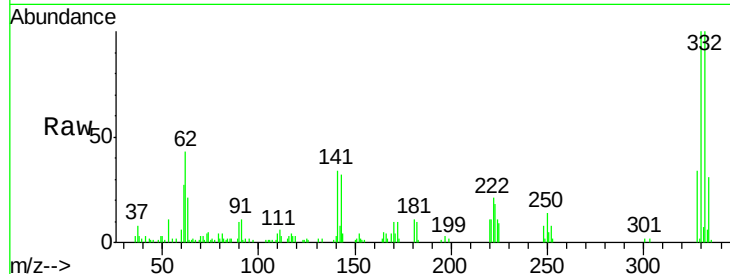
Time-->



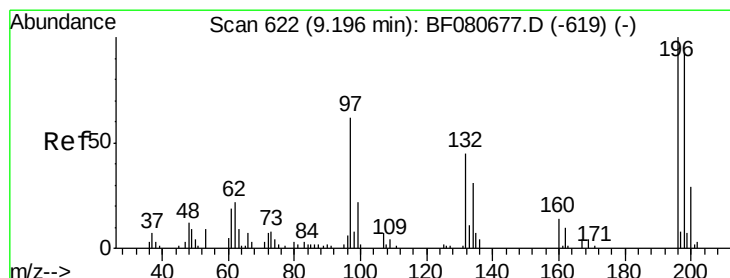
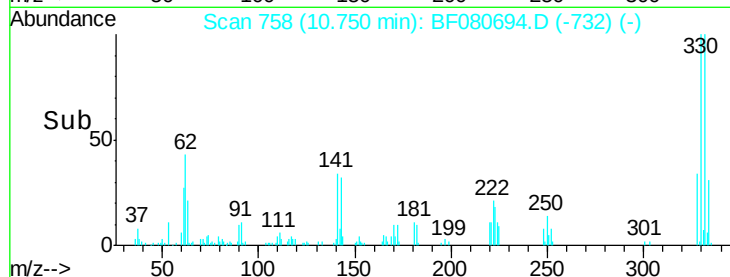
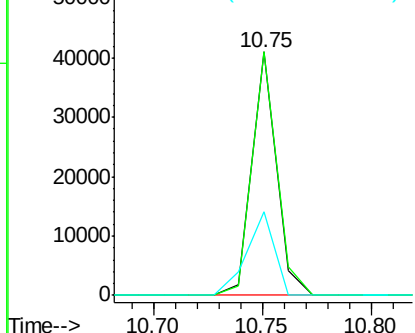
#41
 2,4,6-Tribromophenol
 Concen: 82.05 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:330 Resp: 32182
 Ion Ratio Lower Upper
 330 100
 332 100.6 76.9 115.3
 141 38.5 30.6 45.8

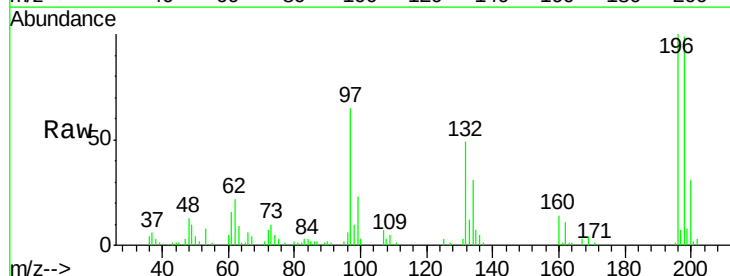


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

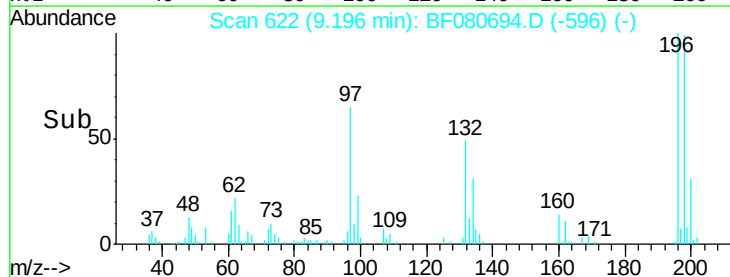
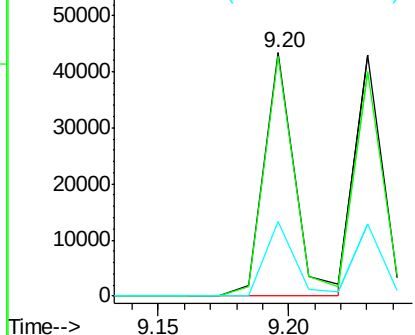


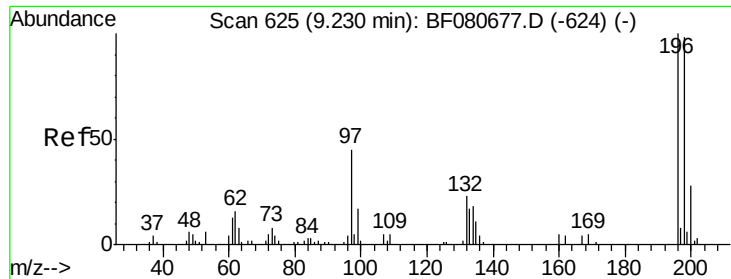
#42
 2,4,6-Trichlorophenol
 Concen: 32.10 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:196 Resp: 34953
 Ion Ratio Lower Upper
 196 100
 198 98.7 74.4 111.6
 200 30.9 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

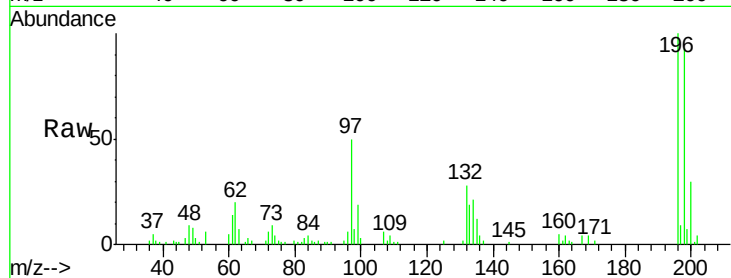




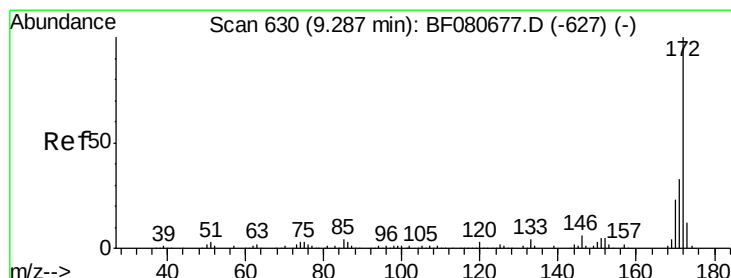
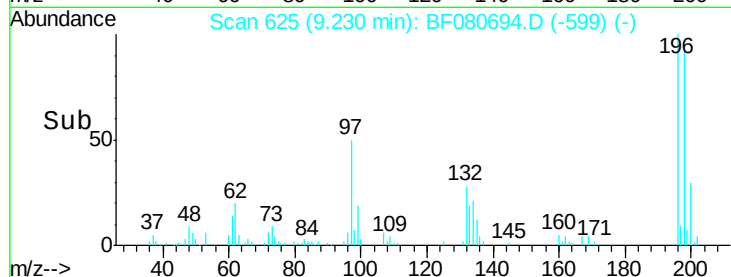
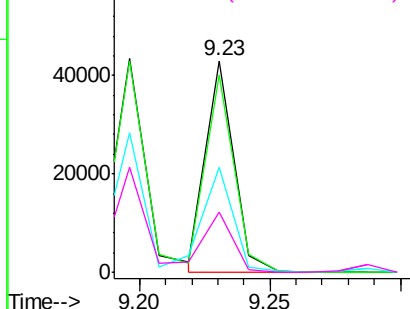
#43
 2,4,5-Trichlorophenol
 Concen: 31.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:196	Resp:	31980
Ion Ratio	Lower	Upper
196	100	
198	92.9	77.3 115.9
97	49.8	39.6 59.4
132	28.5	20.7 31.1

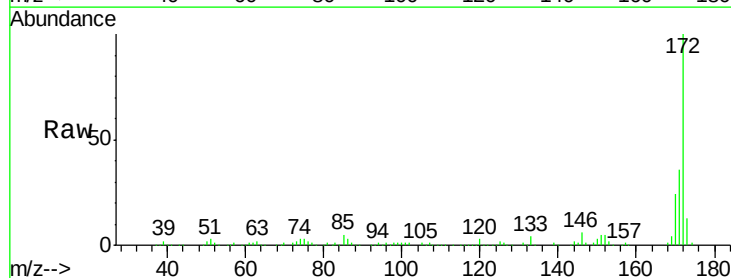


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

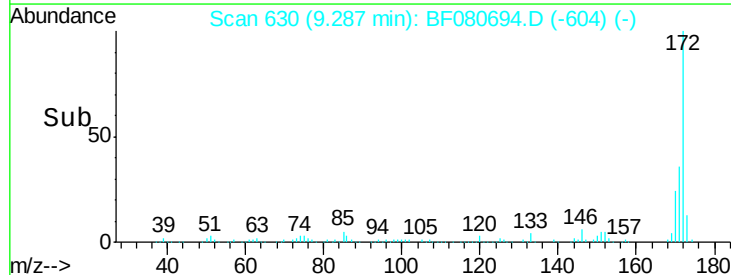
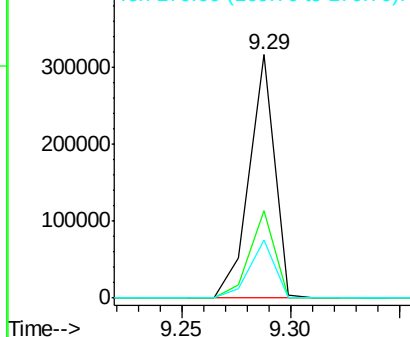


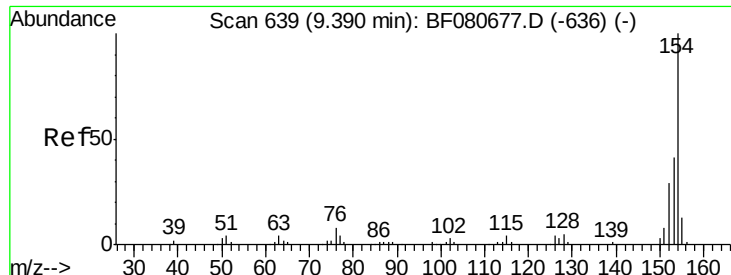
#44
 2-Fluorobiphenyl
 Concen: 71.88 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:172	Resp:	255650
Ion Ratio	Lower	Upper
172	100	
171	36.0	26.6 39.8
170	23.8	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: 35.45 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

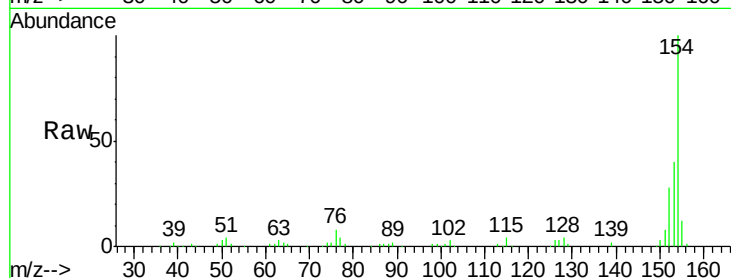
Tot Ion:154 Resp: 133462

Ion Ratio Lower Upper

154 100

153 39.7 21.1 61.1

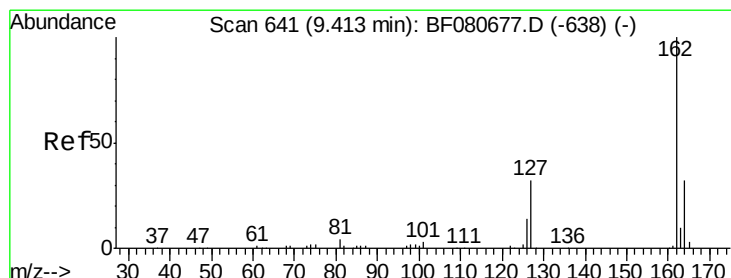
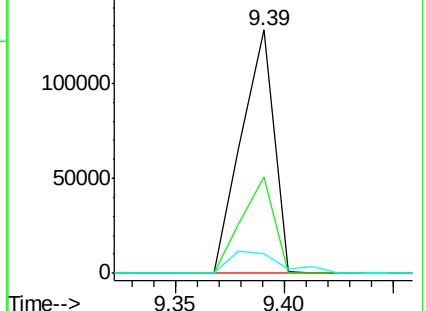
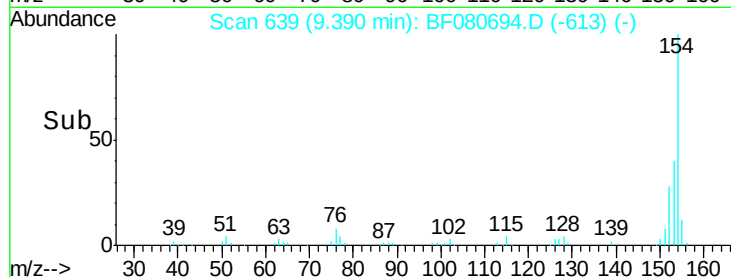
76 7.8 0.0 28.0



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: 32.38 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

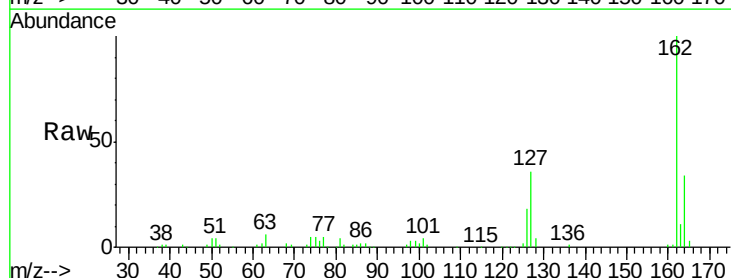
Tgt Ion:162 Resp: 101959

Ion Ratio Lower Upper

162 100

127 36.2 27.2 40.8

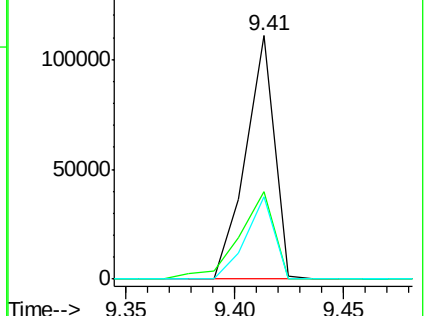
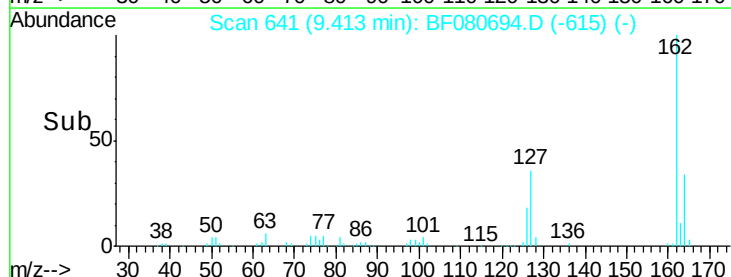
164 33.7 25.8 38.6

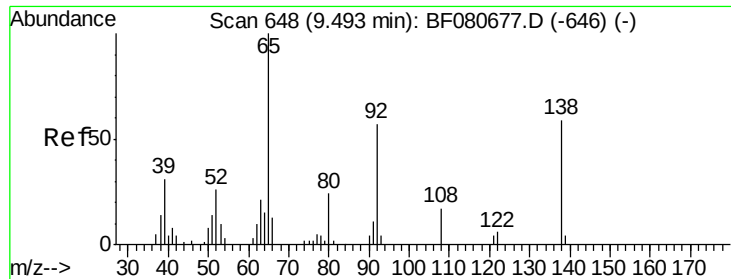


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

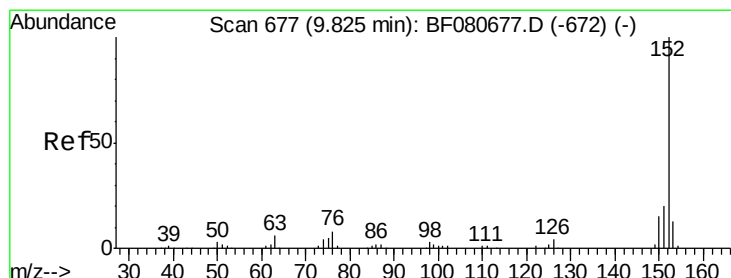
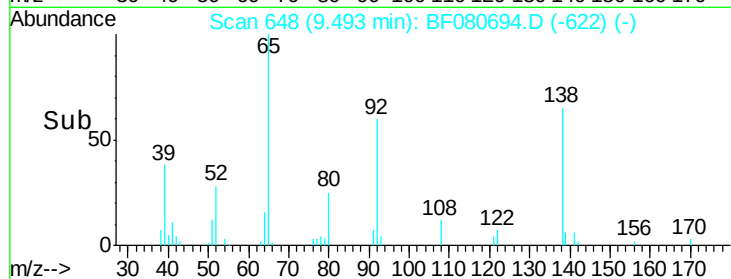
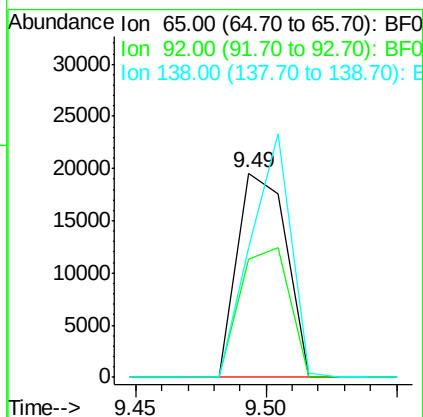
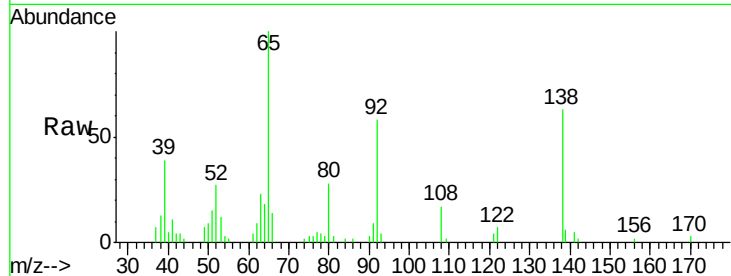




#47
2-Nitroaniline
Concen: 34.35 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

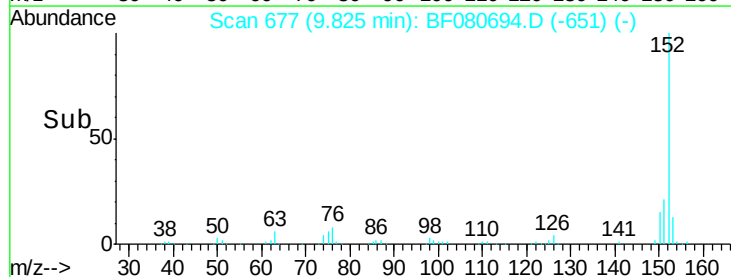
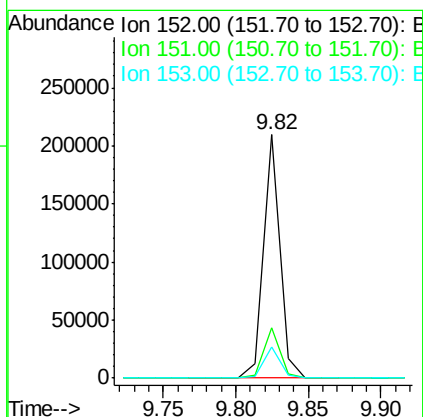
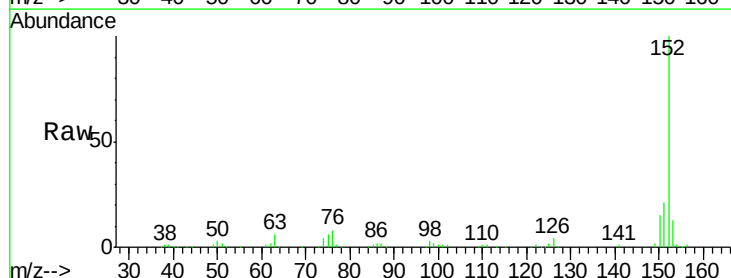
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

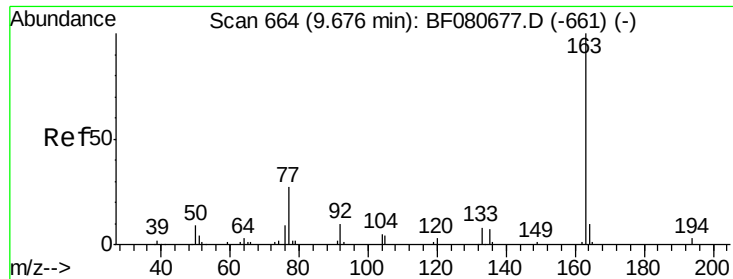
Tot Ion: 65 Resp: 25455
Ion Ratio Lower Upper
65 100
92 57.9 45.9 68.9
138 63.3 47.0 70.4



#48
Acenaphthylene
Concen: 33.26 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion: 152 Resp: 164829
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 13.0 10.2 15.4

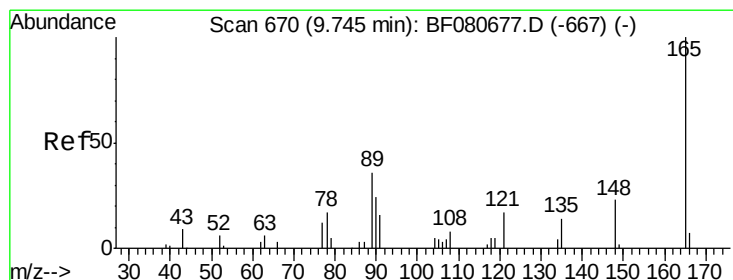
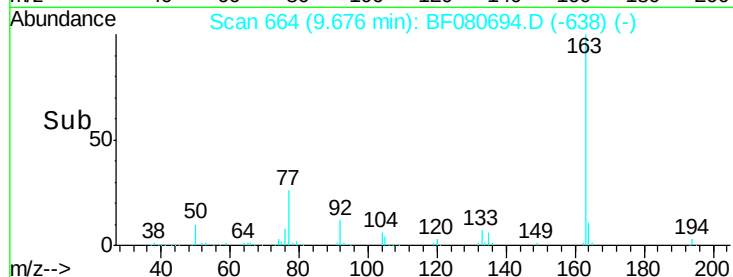
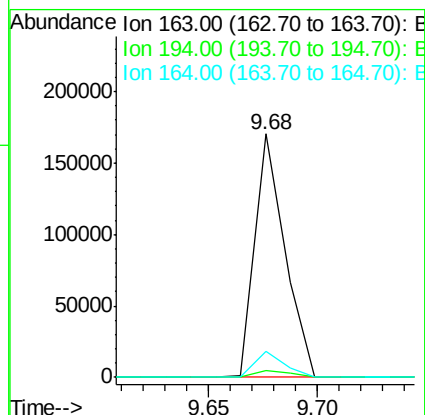
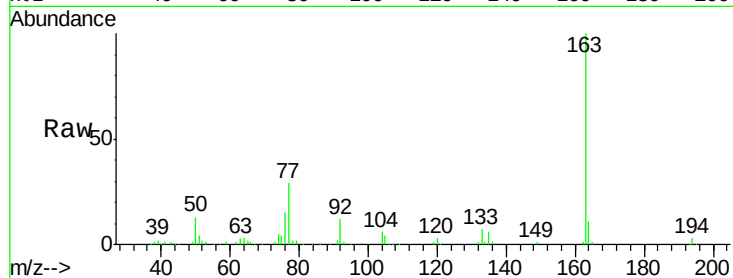




#49
Dimethylphthalate
Concen: 56.14 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

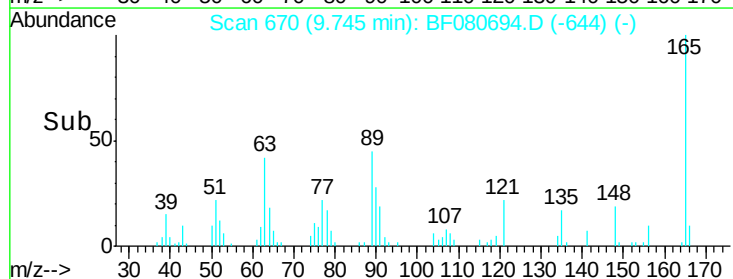
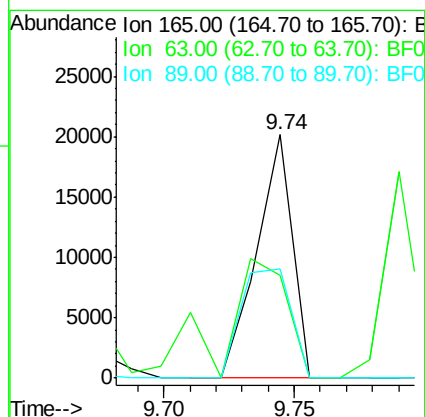
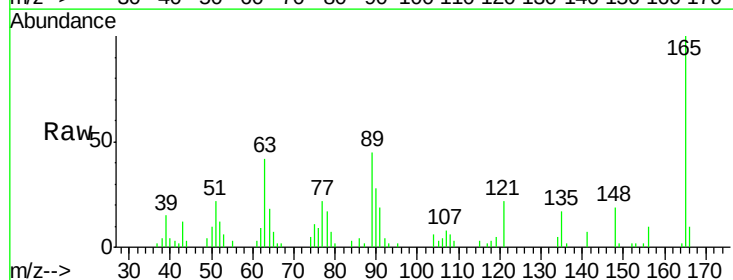
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

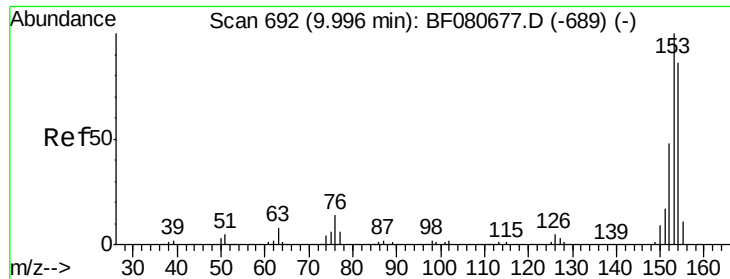
Tot Ion:163 Resp: 163558
Ion Ratio Lower Upper
163 100
194 2.9 2.4 3.6
164 10.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 33.46 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:165 Resp: 19299
Ion Ratio Lower Upper
165 100
63 42.3 27.1 40.7#
89 44.8 29.0 43.6#





#51

Acenaphthene

Concen: 35.15 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

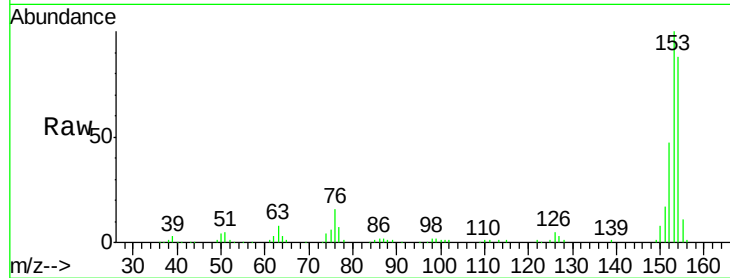
Tot Ion:154 Resp: 102436

Ion Ratio Lower Upper

154 100

153 113.6 92.8 139.2

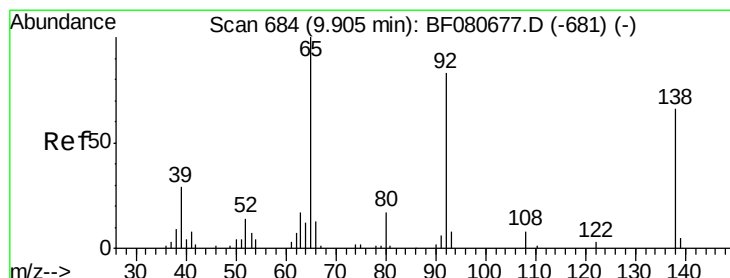
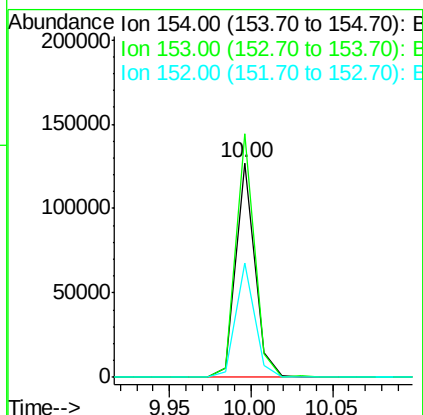
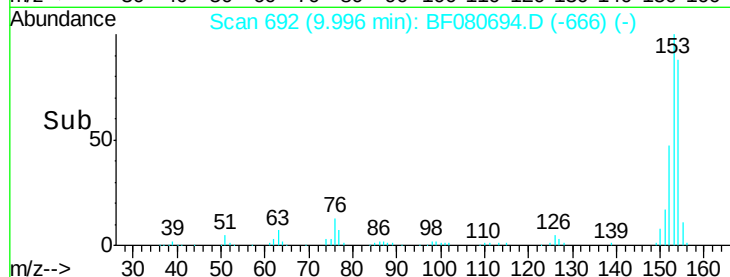
152 53.4 44.6 66.8



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: 24.55 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

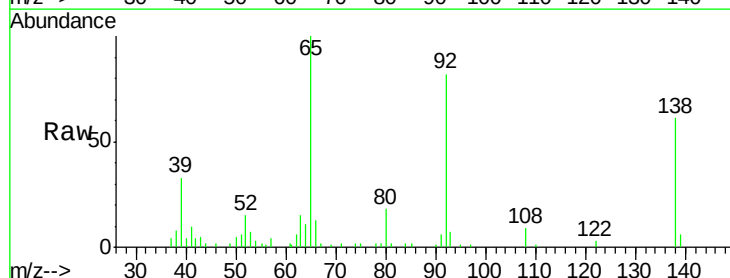
Tgt Ion:138 Resp: 16079

Ion Ratio Lower Upper

138 100

108 14.3 10.3 15.5

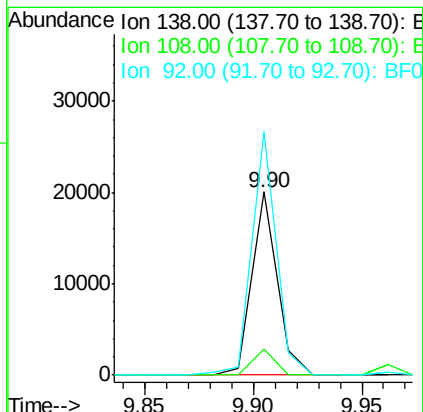
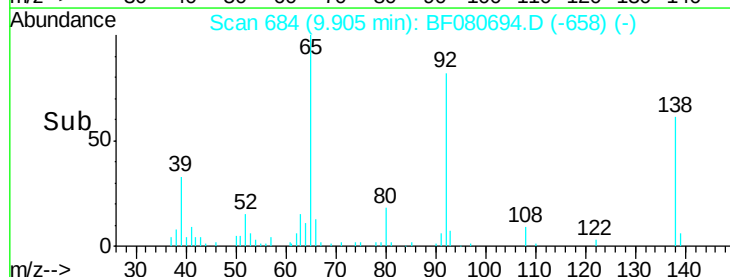
92 132.9 100.6 151.0

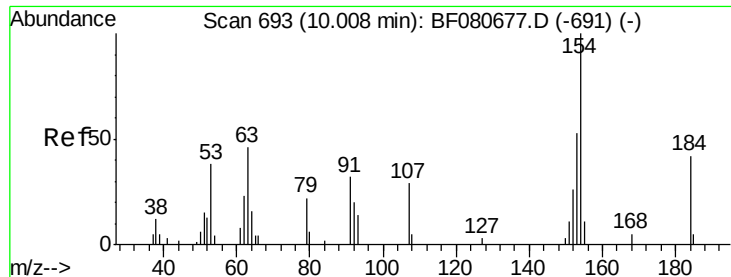


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

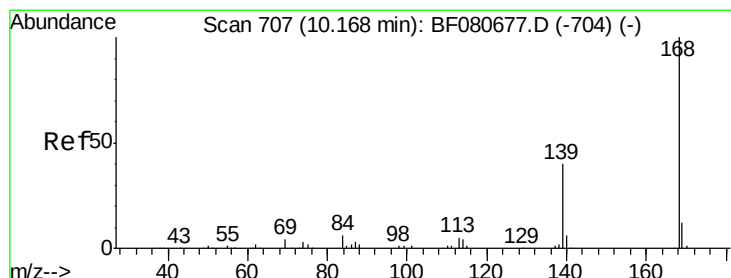
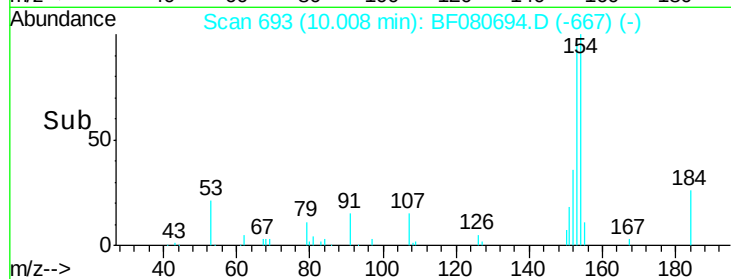
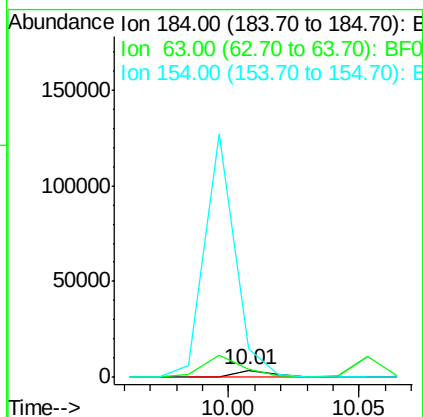
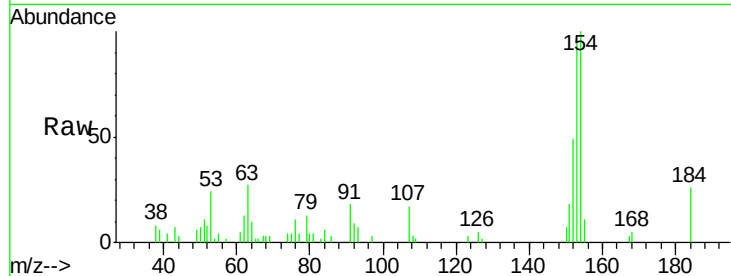




#53
2,4-Dinitrophenol
Concen: 26.09 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

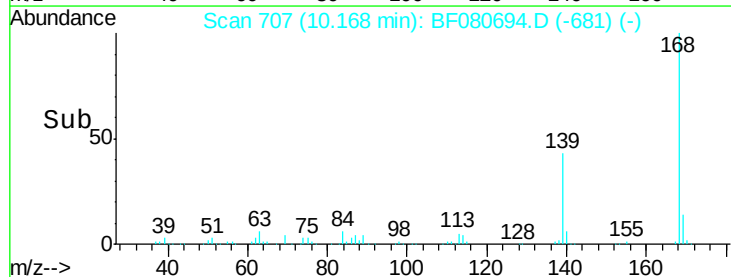
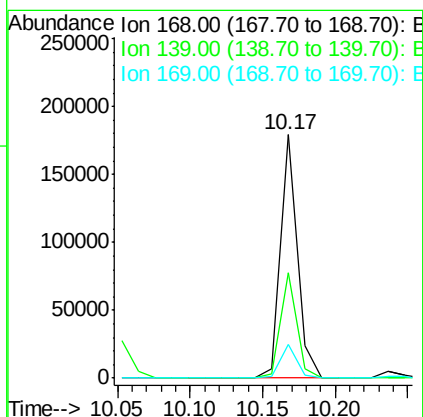
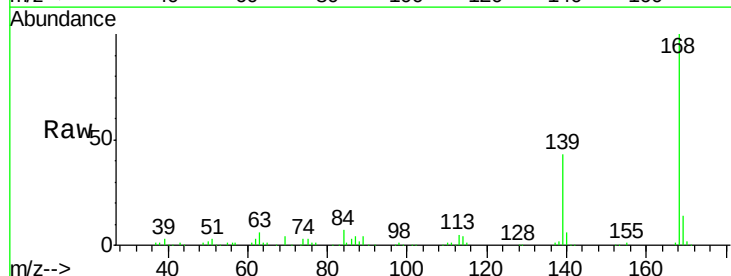
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

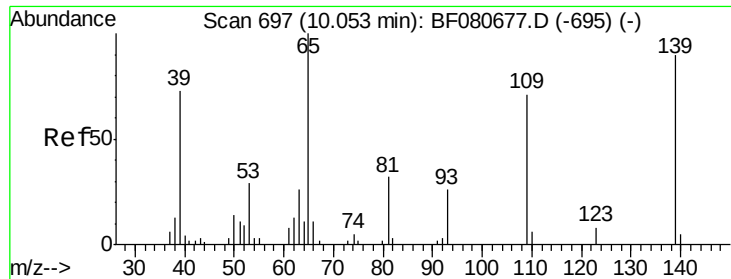
Tot Ion:184 Resp: 3850
Ion Ratio Lower Upper
184 100
63 102.2 104.5 156.7#
154 384.3 276.3 414.5



#54
Dibenzofuran
Concen: 36.16 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:168 Resp: 144648
Ion Ratio Lower Upper
168 100
139 43.3 31.8 47.8
169 13.6 9.8 14.6

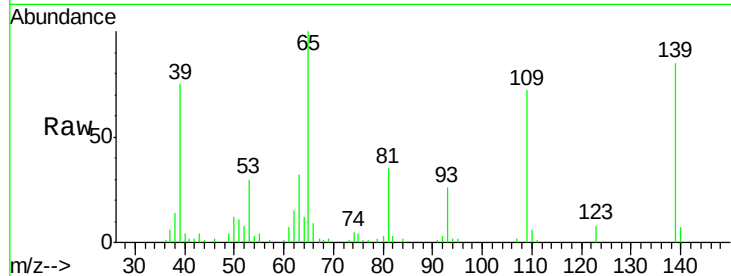




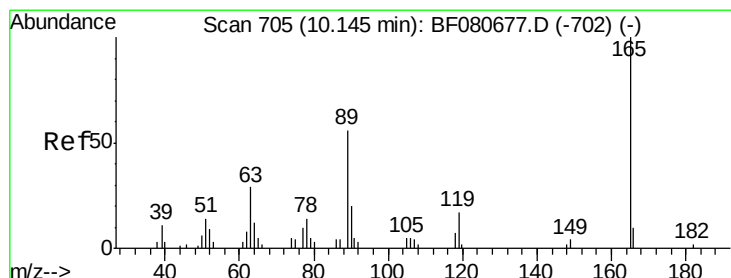
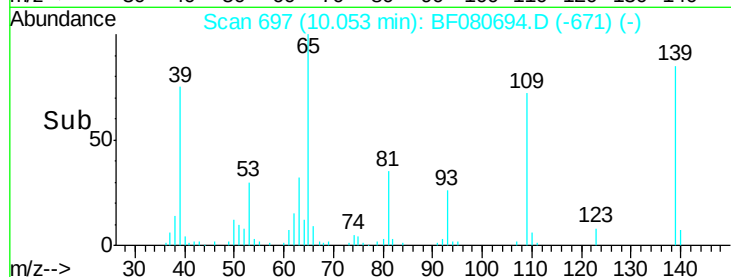
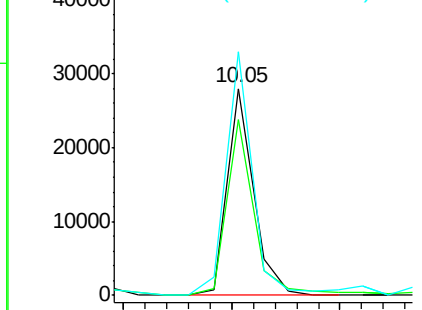
#55
4-Nitrophenol
Concen: 53.68 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

Tot Ion:139 Resp: 23543
Ion Ratio Lower Upper
139 100
109 85.0 58.4 98.4
65 117.7 90.5 130.5

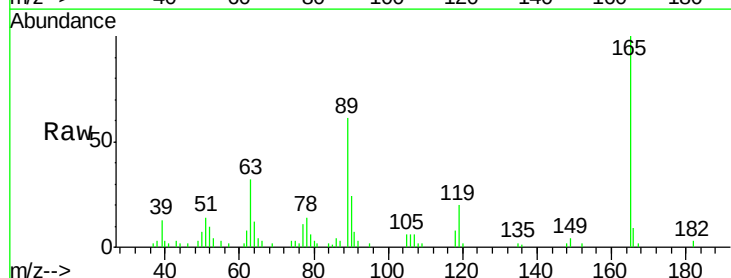


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

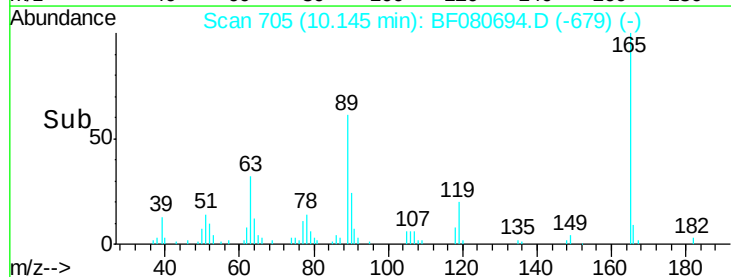
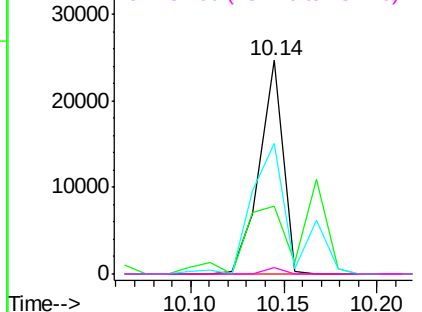


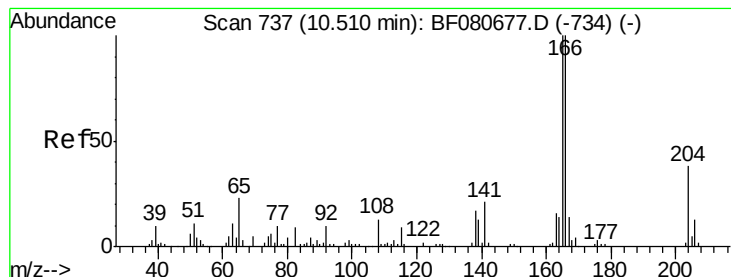
#56
2,4-Dinitrotoluene
Concen: 33.75 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:165 Resp: 22192
Ion Ratio Lower Upper
165 100
63 32.0 23.2 34.8
89 61.0 44.6 67.0
182 2.8 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: 34.86 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

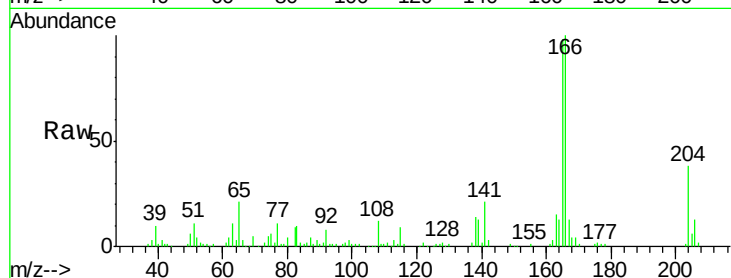
Tot Ion:166 Resp: 105951

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

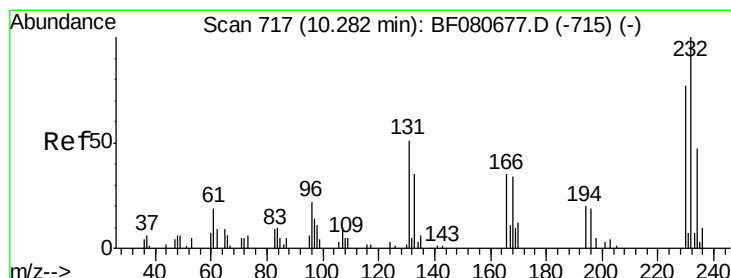
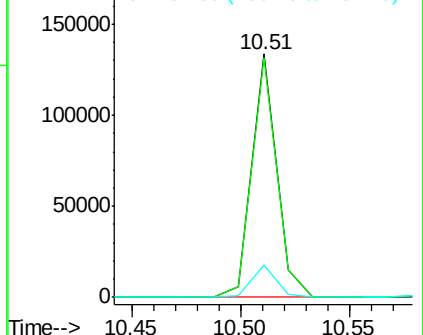
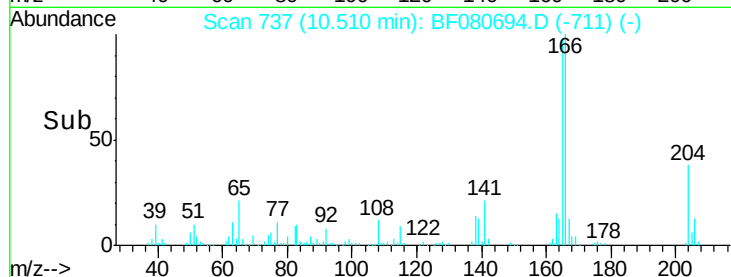
167 13.1 11.0 16.4



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: 27.23 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Tgt Ion:232 Resp: 18324

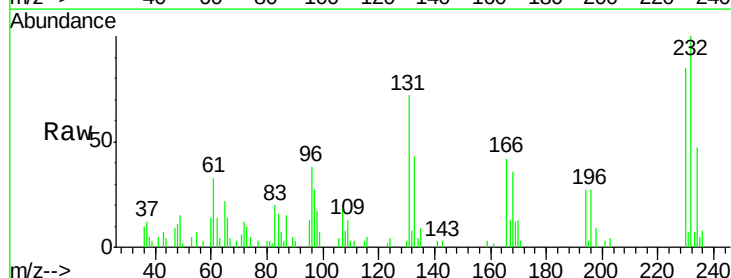
Ion Ratio Lower Upper

232 100

131 48.1 33.4 50.0

130 1.7 1.5 2.3

166 29.1 21.9 32.9

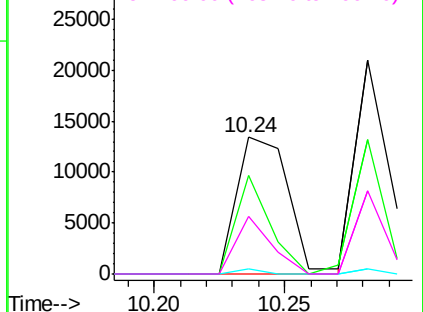
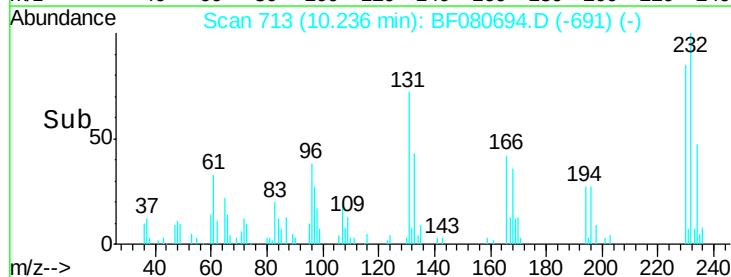


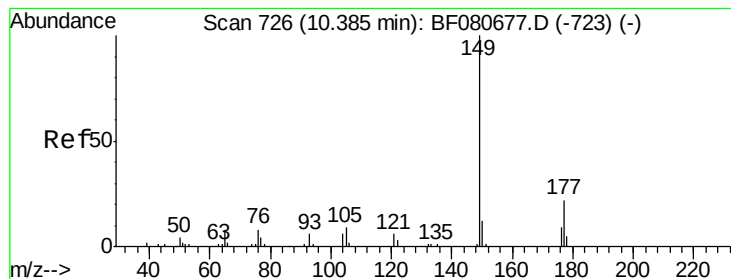
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.01 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

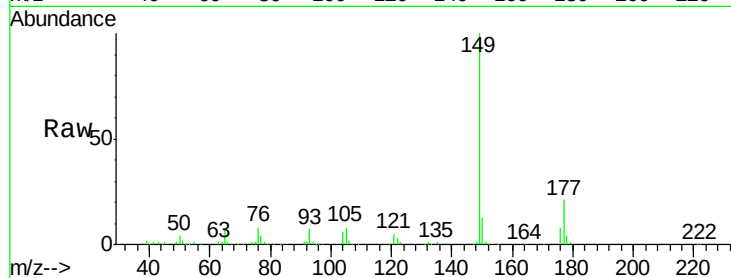
Tot Ion:149 Resp: 102410

Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.2

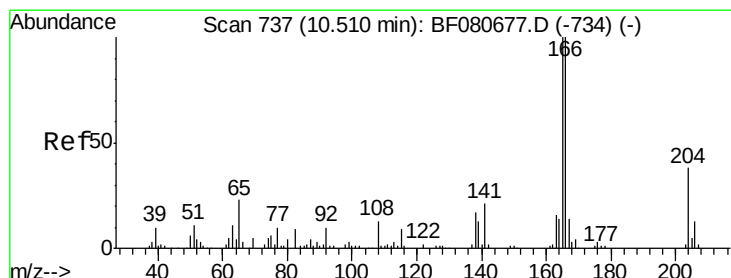
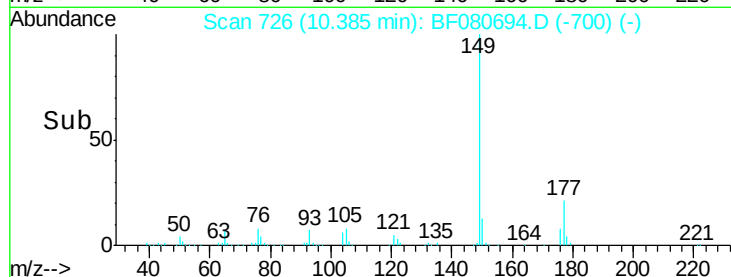
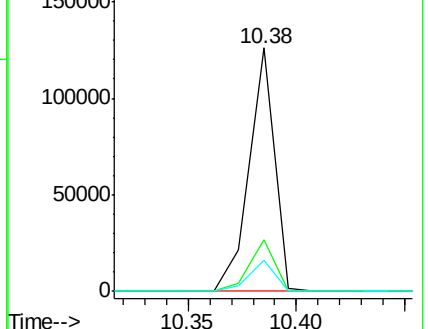
150 12.6 9.5 14.3



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: 31.98 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

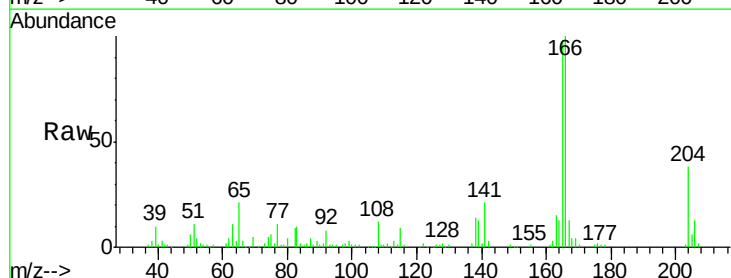
Tgt Ion:204 Resp: 42793

Ion Ratio Lower Upper

204 100

206 34.9 26.5 39.7

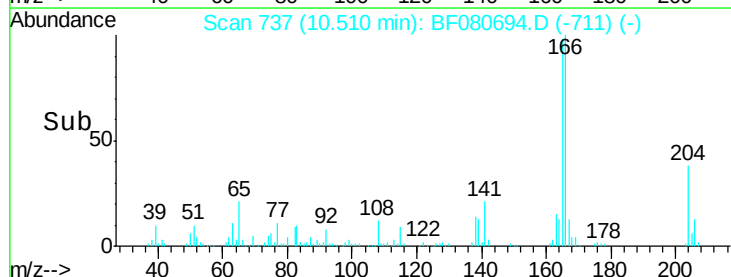
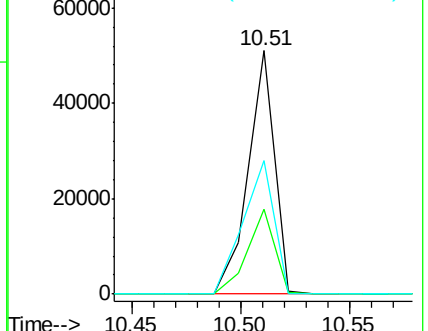
141 54.8 43.8 65.6

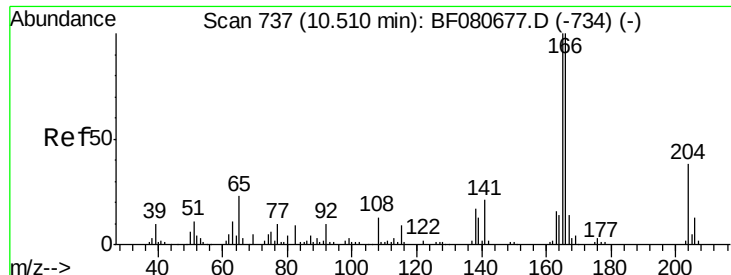


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.20 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

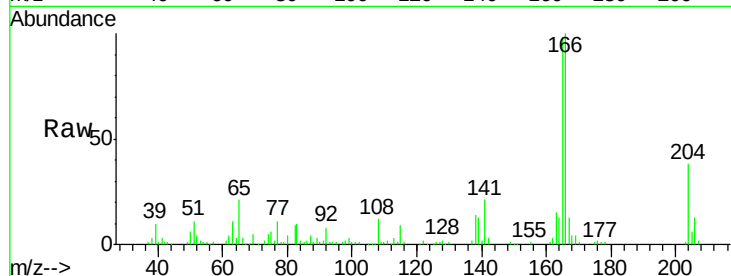
Tot Ion:138 Resp: 15192

Ion Ratio Lower Upper

138 100

92 55.7 38.1 78.1

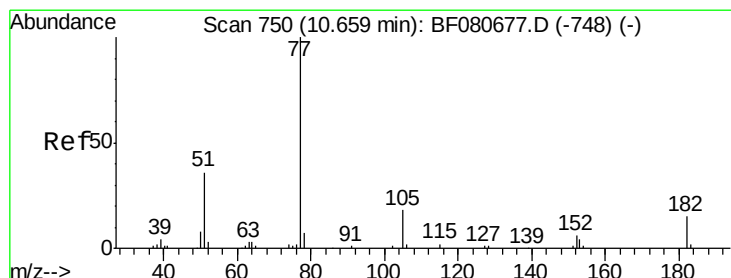
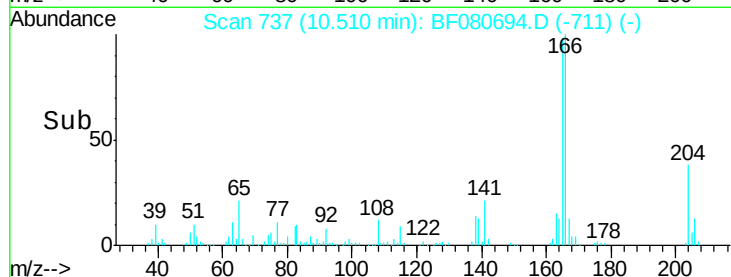
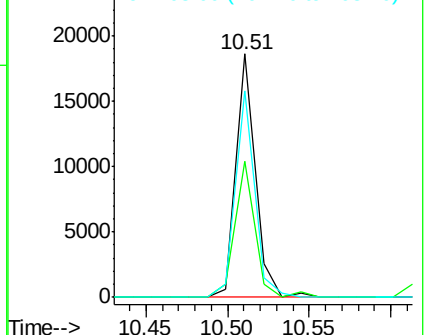
108 84.6 59.7 99.7



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: 31.10 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Tgt Ion: 77 Resp: 84187

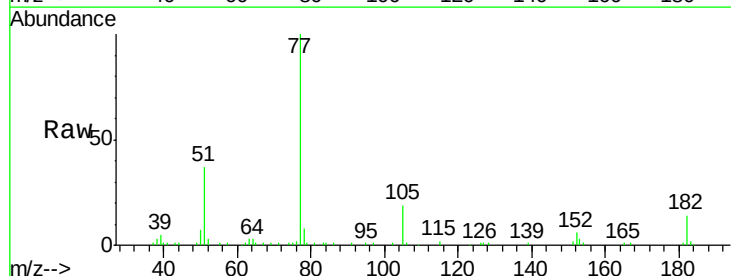
Ion Ratio Lower Upper

77 100

182 13.9 0.0 34.7

105 18.7 0.0 37.8

51 36.9 16.3 56.3

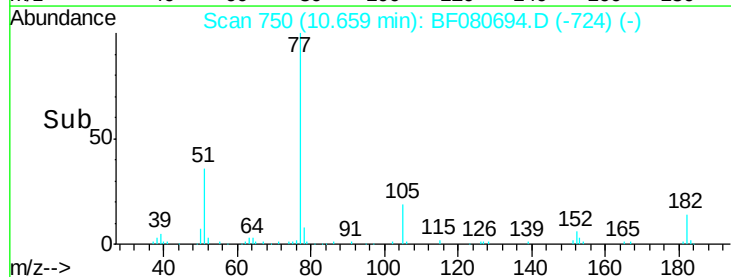
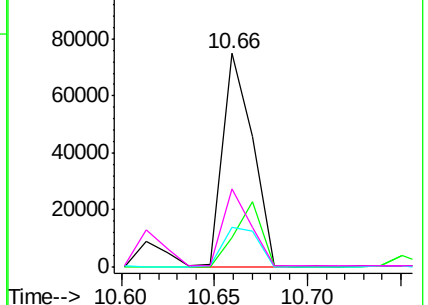


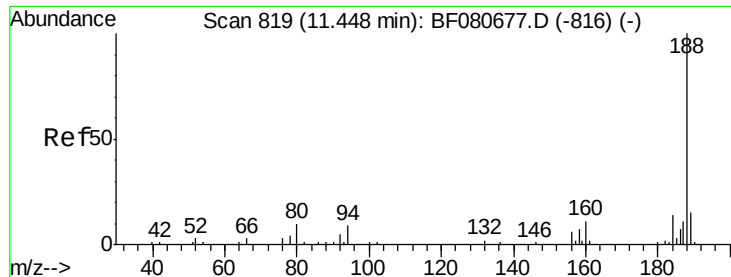
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

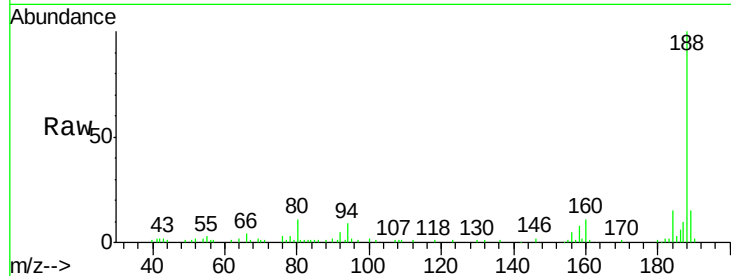




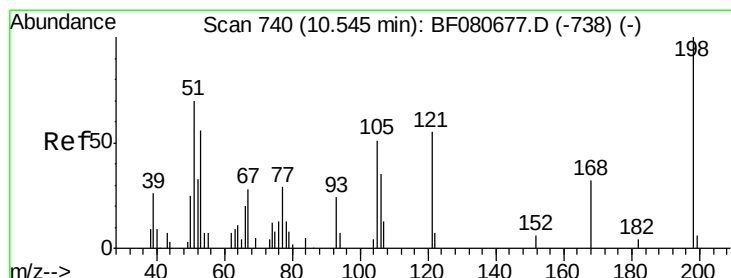
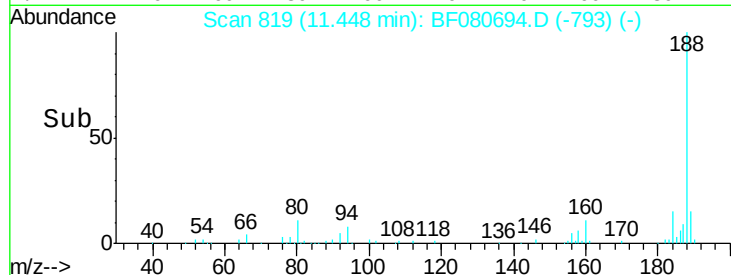
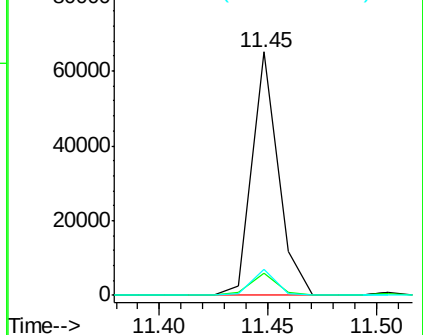
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:188 Resp: 54490
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.6 8.2 12.2

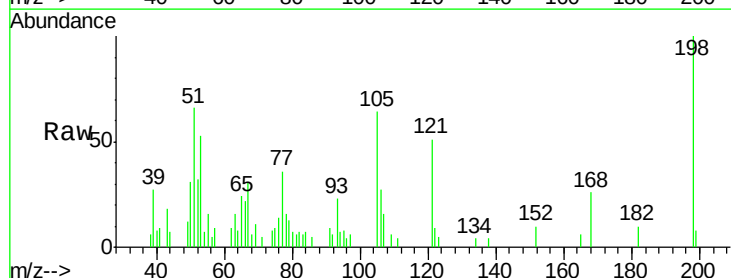


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

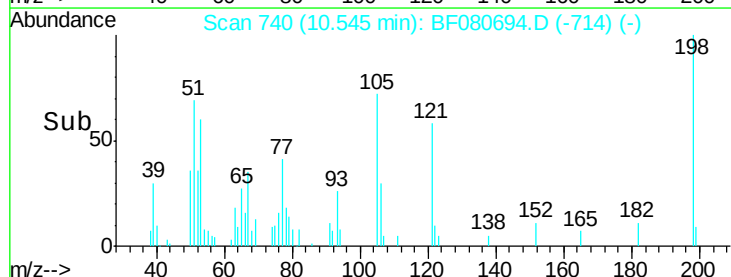
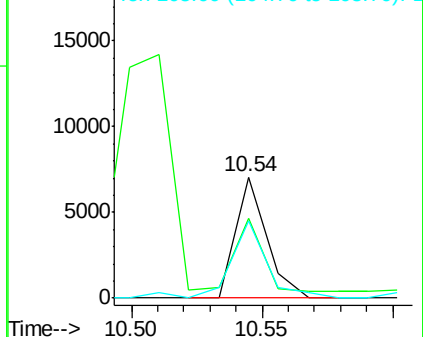


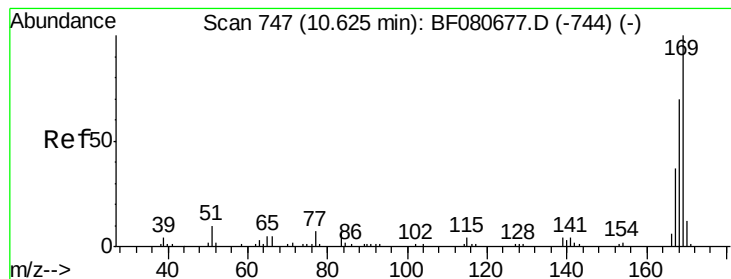
#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.63 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:198 Resp: 5835
 Ion Ratio Lower Upper
 198 100
 51 65.9 55.1 95.1
 105 63.9 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

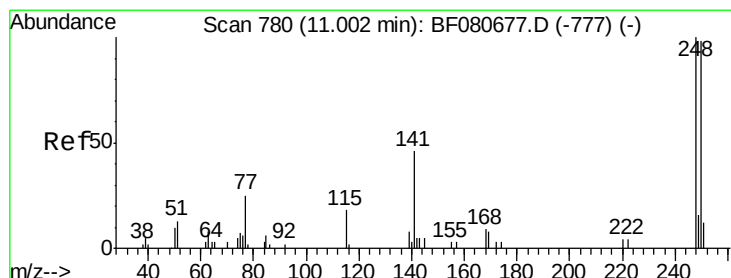
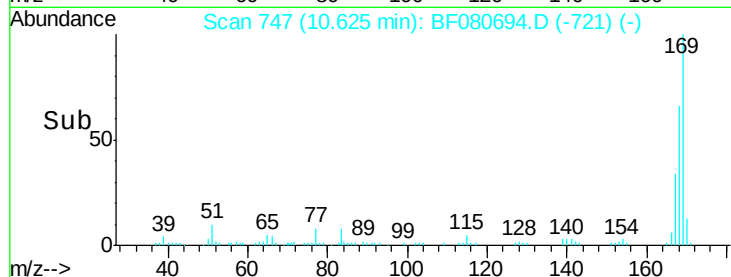
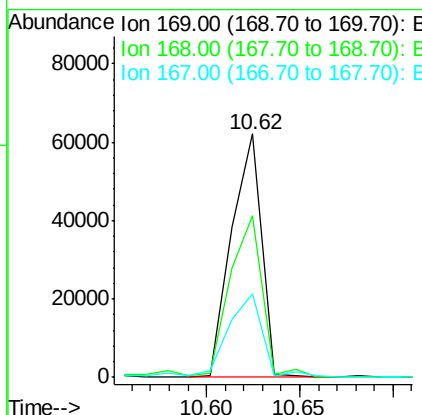
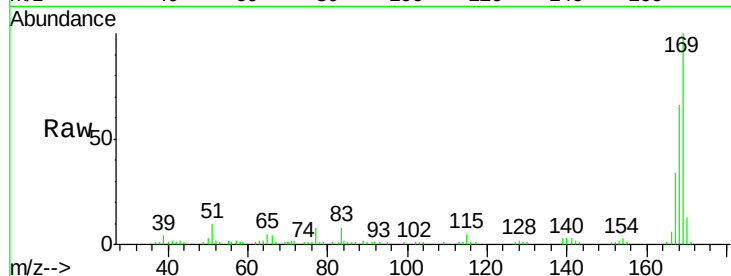




#65
 n-Nitrosodiphenylamine
 Concen: 37.62 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

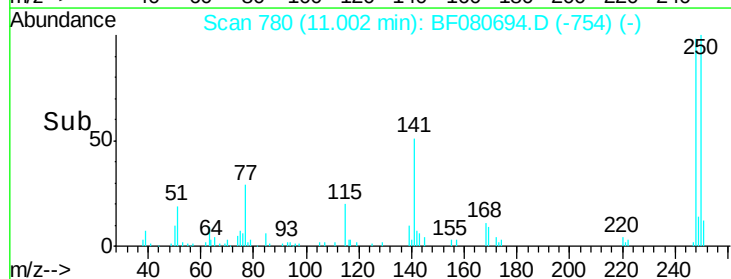
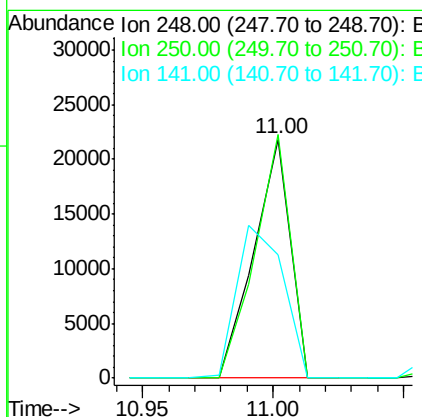
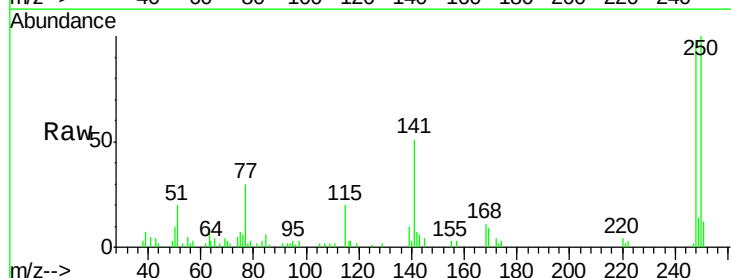
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

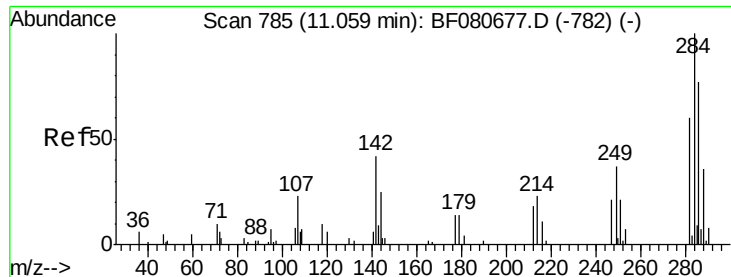
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	56.2	84.2
167	34.1	29.3	43.9



#66
 4-Bromophenyl-phenylether
 Concen: 36.76 ng
 RT: 11.00 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.1	78.5	117.7
141	51.7	36.8	55.2

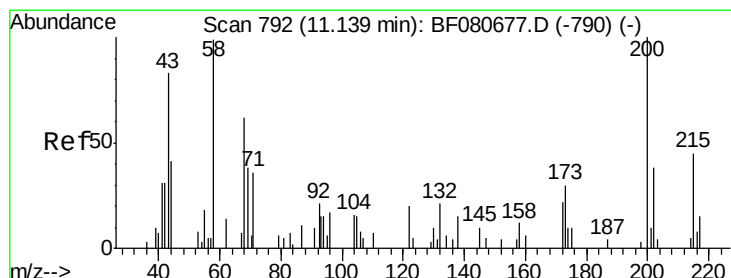
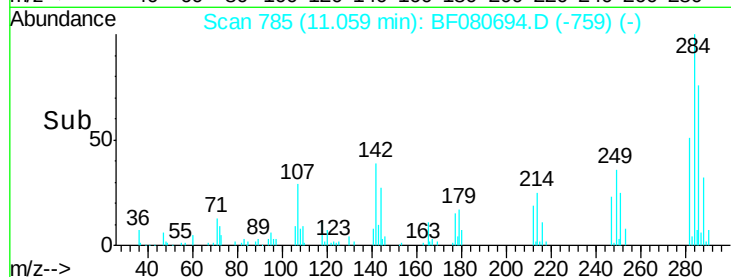
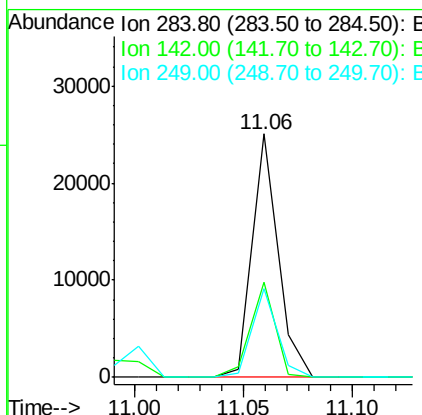
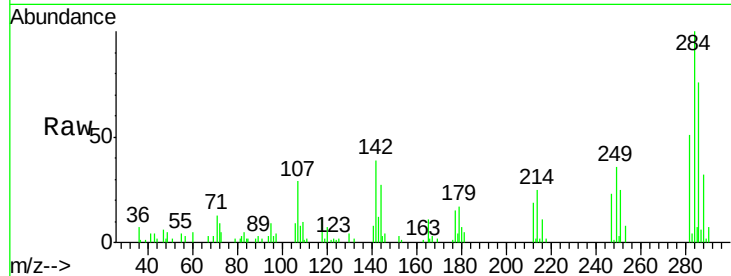




#67
Hexachlorobenzene
Concen: 30.43 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

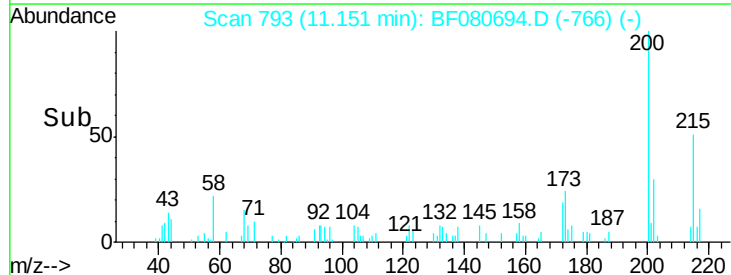
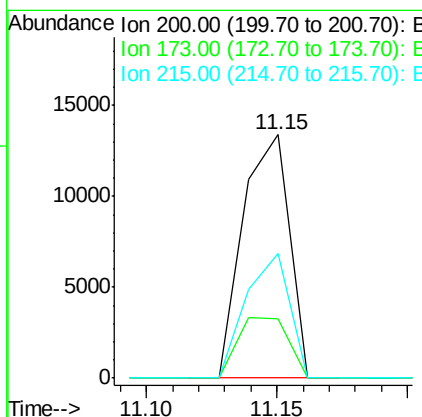
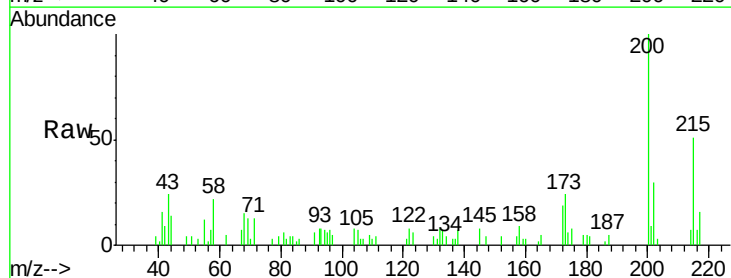
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

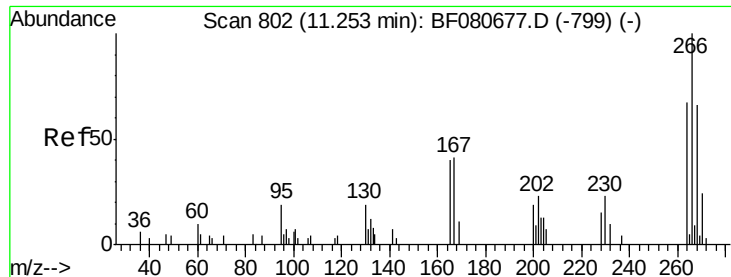
Tot Ion:284 Resp: 20832
Ion Ratio Lower Upper
284 100
142 39.2 34.0 51.0
249 36.5 29.4 44.0



#68
Atrazine
Concen: 46.19 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:200 Resp: 16670
Ion Ratio Lower Upper
200 100
173 24.5 9.7 49.7
215 51.3 24.7 64.7

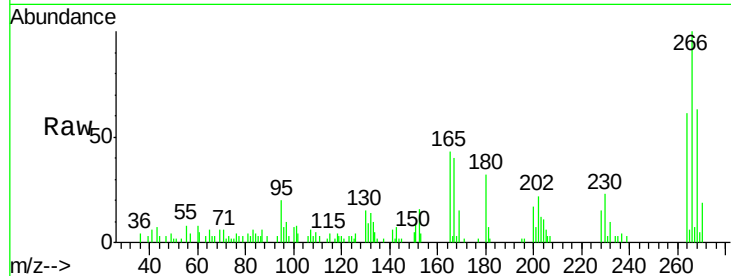




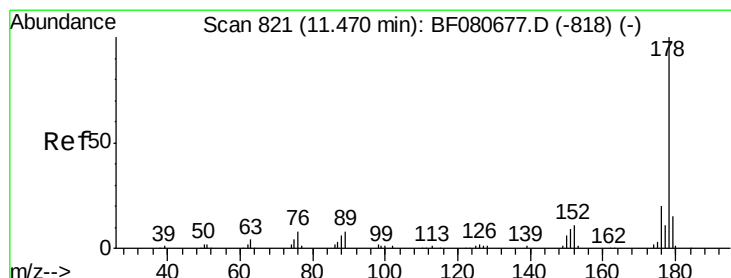
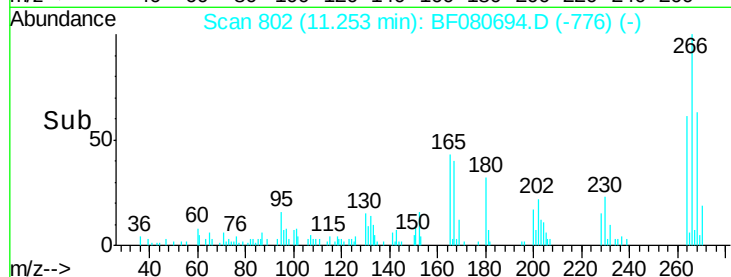
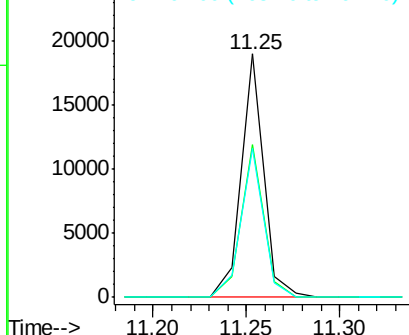
#69
 Pentachlorophenol
 Concen: 59.19 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:266 Resp: 15954
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.6 78.8
 264 61.1 53.4 80.2

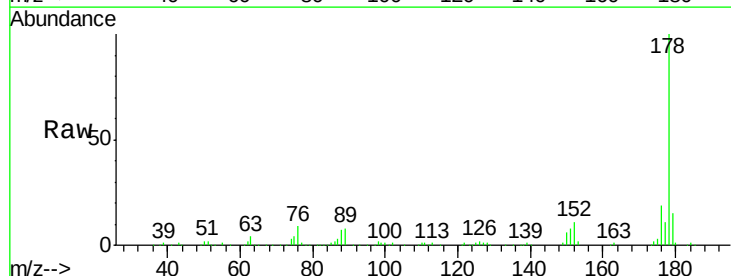


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

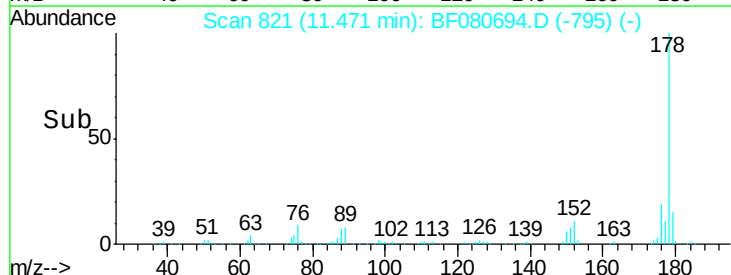
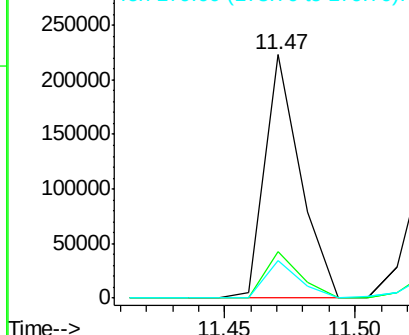


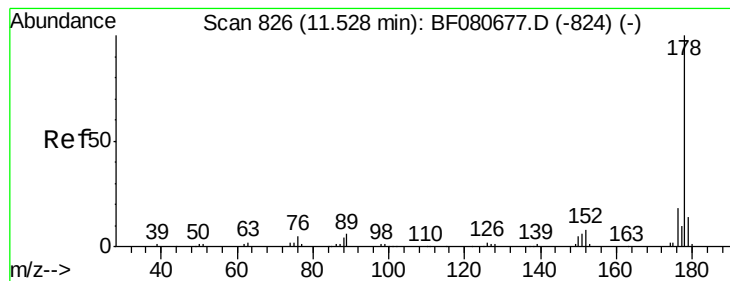
#70
 Phenanthrene
 Concen: 68.06 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:178 Resp: 211665
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.3 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: 40.13 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

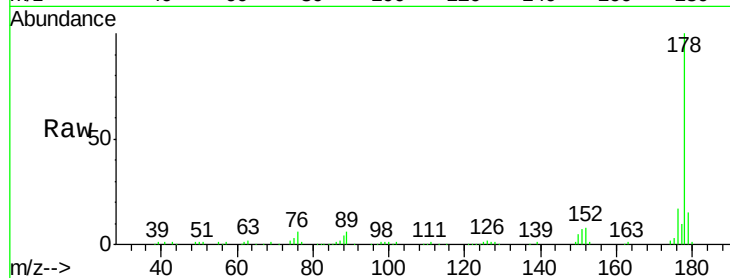
Tot Ion:178 Resp: 121346

Ion Ratio Lower Upper

178 100

176 17.4 14.3 21.5

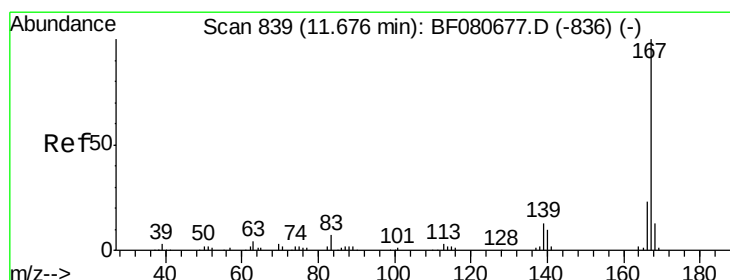
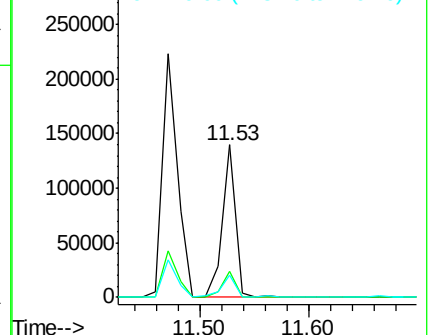
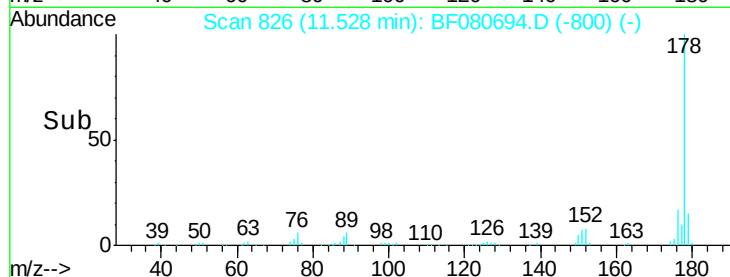
179 14.9 10.8 16.2



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: 32.33 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

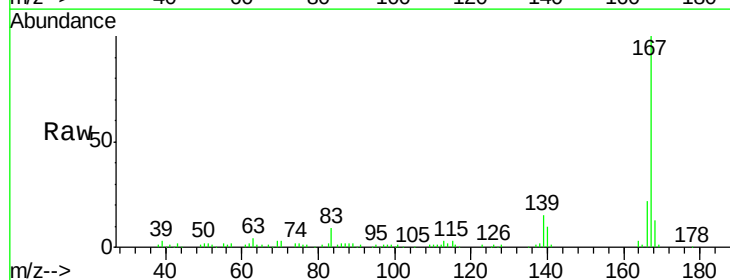
Tgt Ion:167 Resp: 81655

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

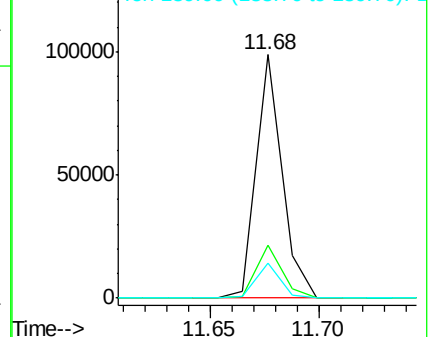
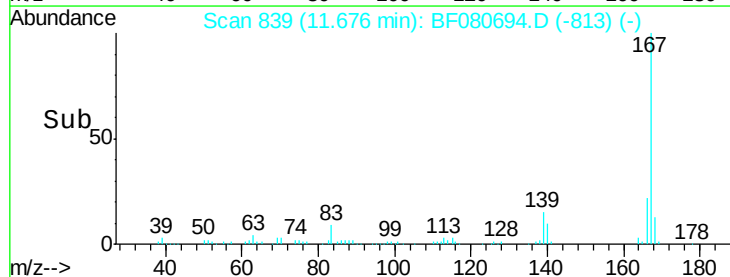
139 14.5 10.1 15.1

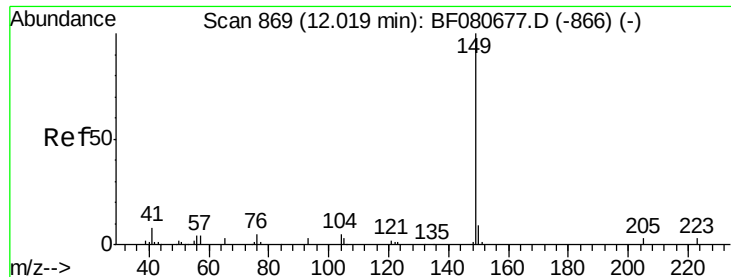


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.83 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

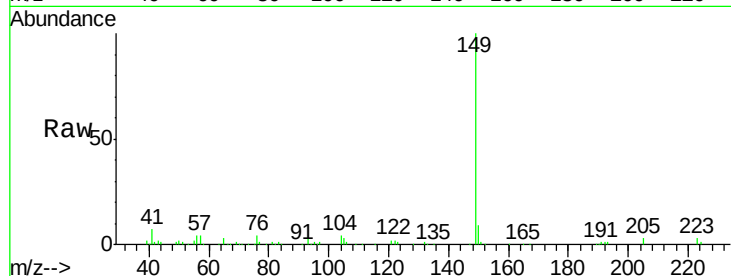
Tot Ion:149 Resp: 94812

Ion Ratio Lower Upper

149 100

150 8.8 6.8 10.2

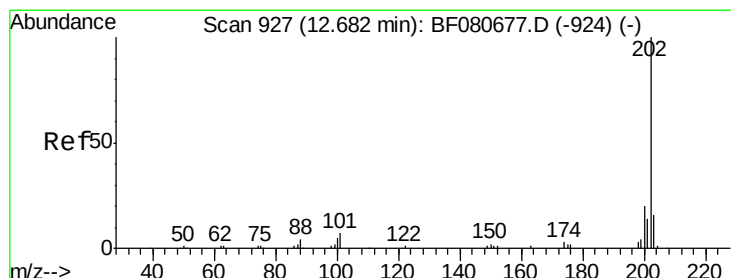
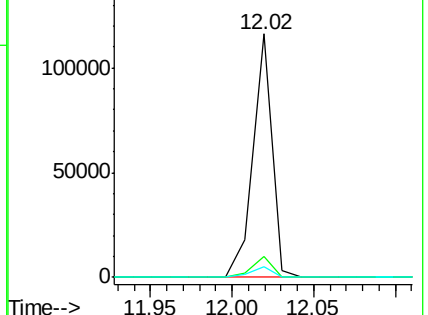
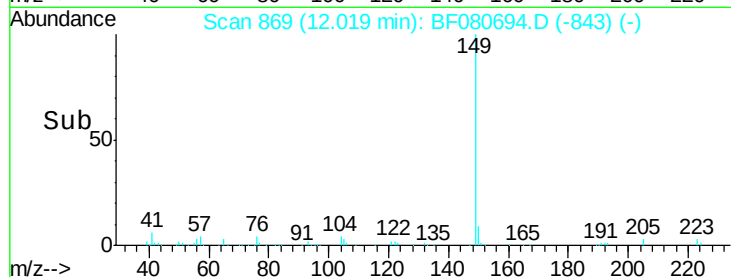
104 4.2 4.0 6.0



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: 58.23 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

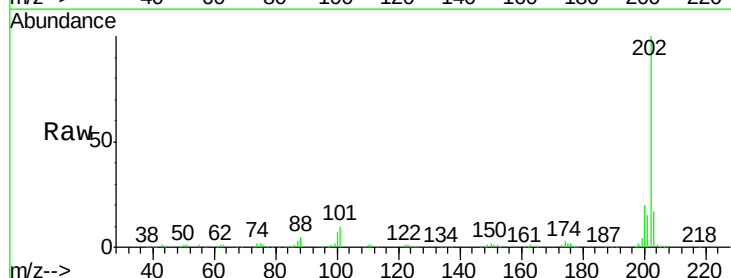
Tgt Ion:202 Resp: 142051

Ion Ratio Lower Upper

202 100

101 9.7 0.0 27.3

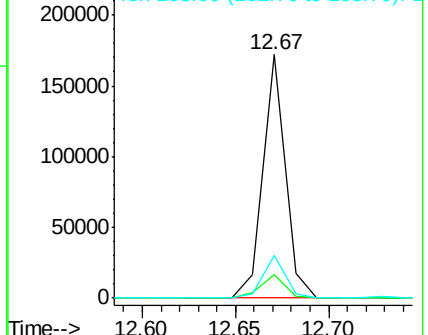
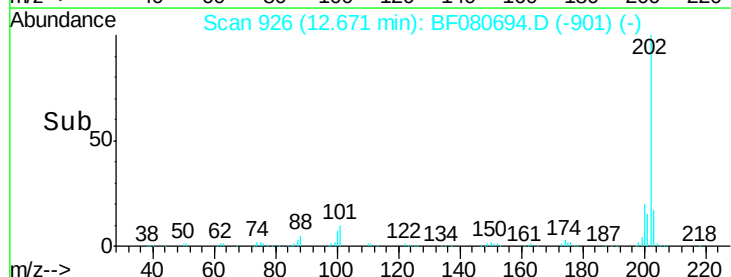
203 17.3 0.0 36.0

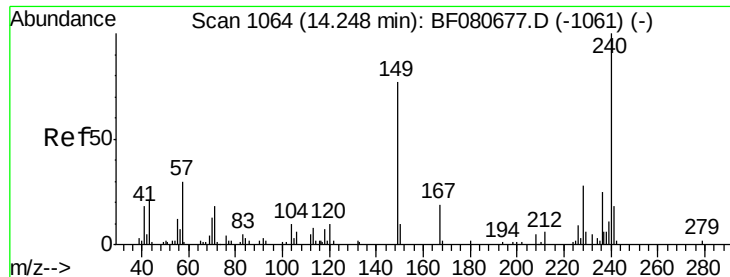


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.20 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

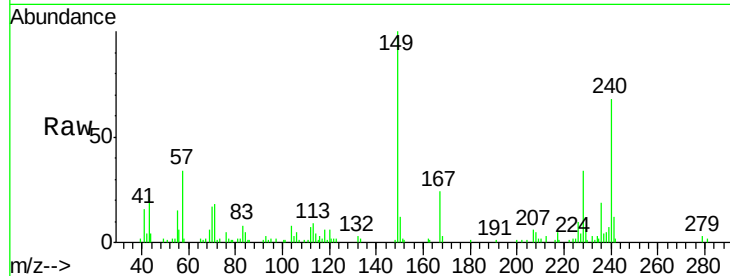
Tot Ion:240 Resp: 19712

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

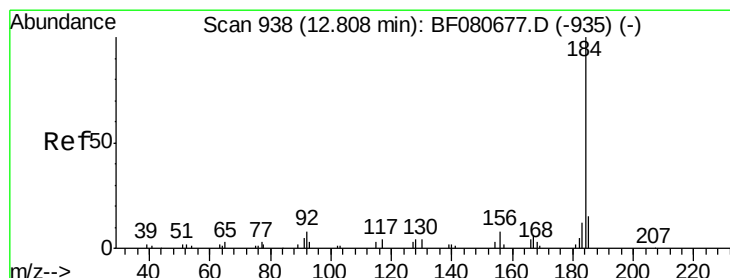
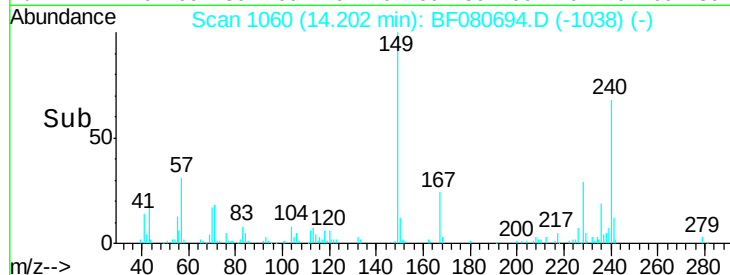
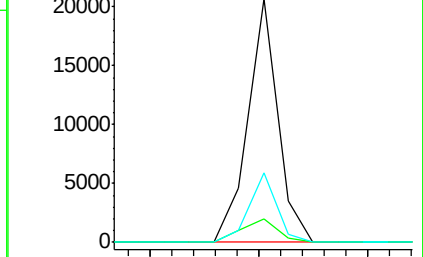
236 28.5 20.0 30.0



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: 51.81 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

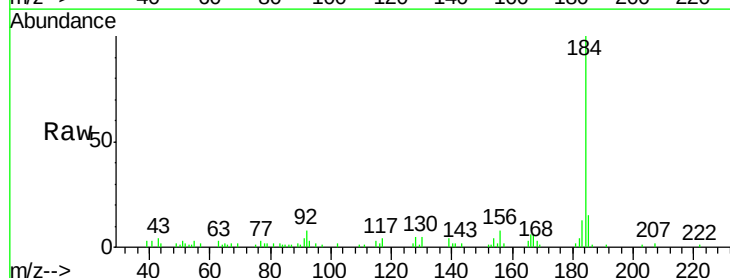
Tgt Ion:184 Resp: 28140

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

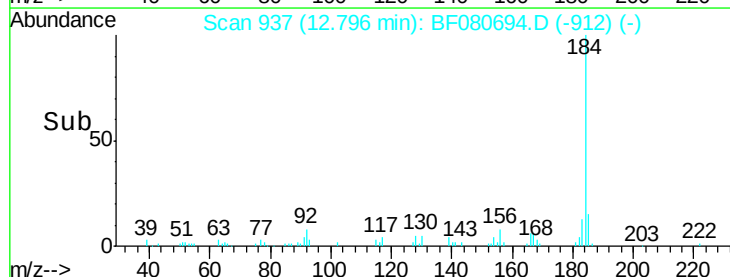
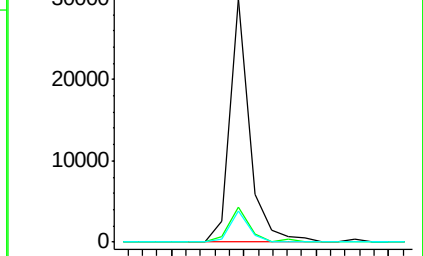
183 13.0 9.7 14.5

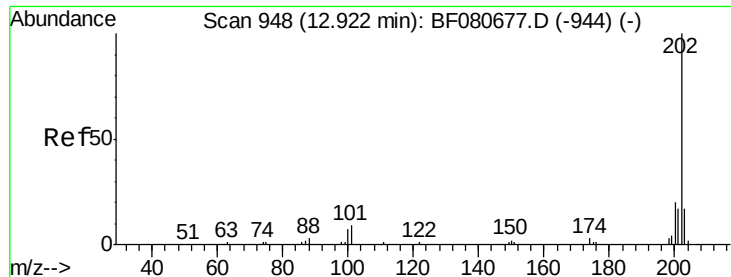


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 72.89 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

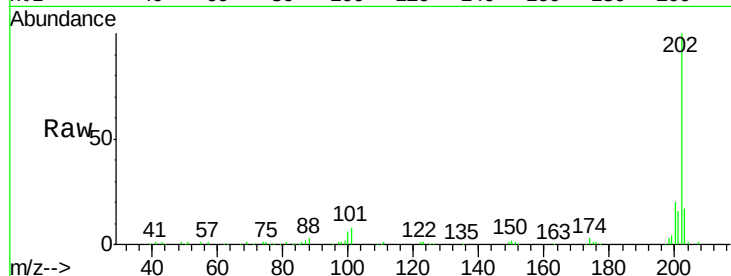
Tot Ion:202 Resp: 120290

Ion Ratio Lower Upper

202 100

200 20.1 16.3 24.5

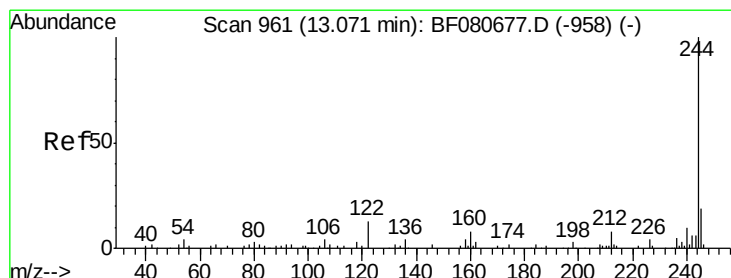
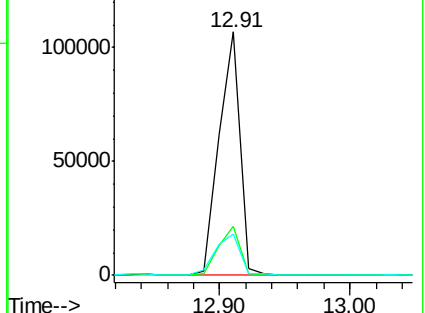
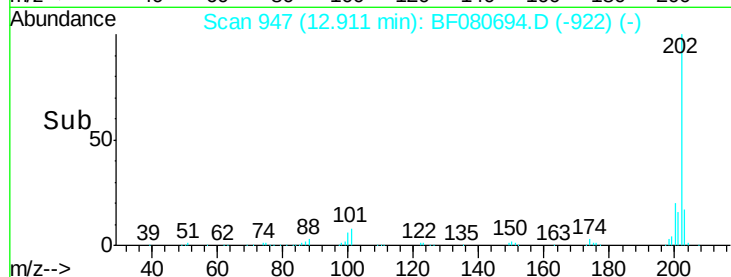
203 17.2 13.4 20.2



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: 72.00 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

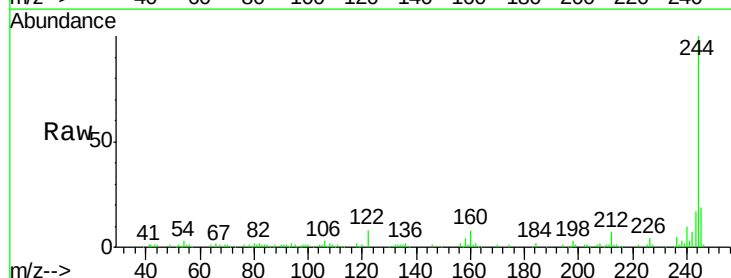
Tgt Ion:244 Resp: 82852

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

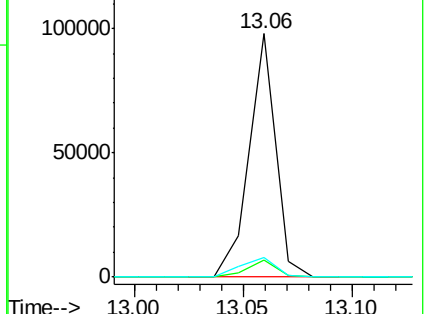
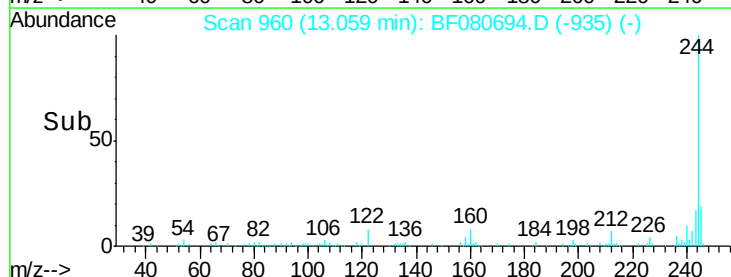
122 8.1 10.2 15.2#

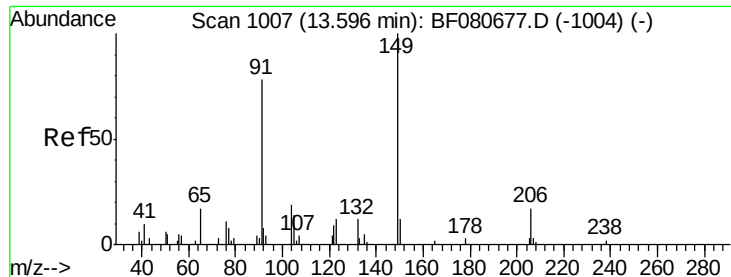


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.50 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

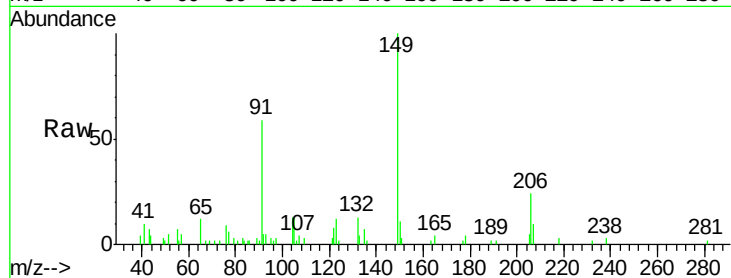
Tot Ion:149 Resp: 21283

Ion Ratio Lower Upper

149 100

91 58.5 62.6 93.8#

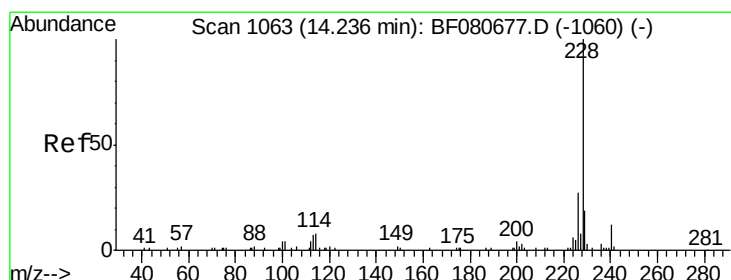
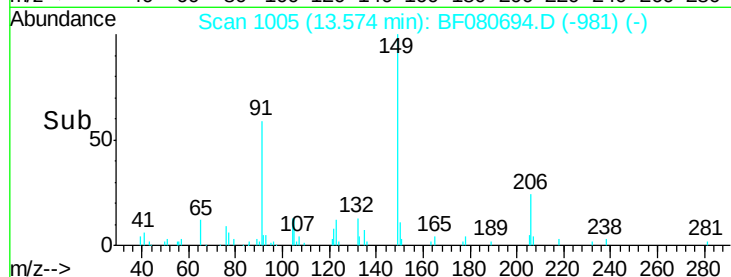
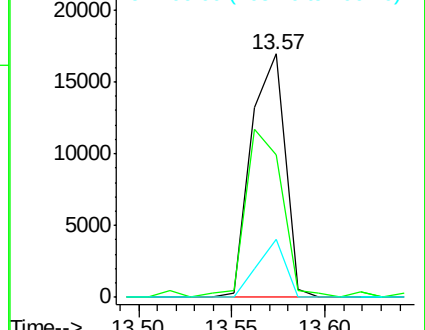
206 24.0 13.3 19.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.34 ng

RT: 14.19 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

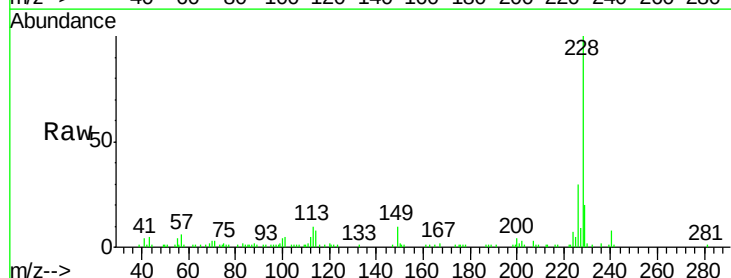
Tgt Ion:228 Resp: 58626

Ion Ratio Lower Upper

228 100

226 30.5 21.8 32.6

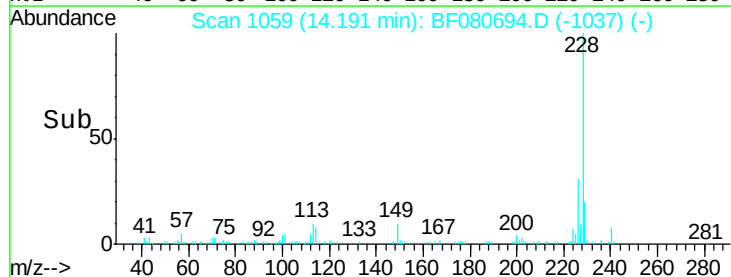
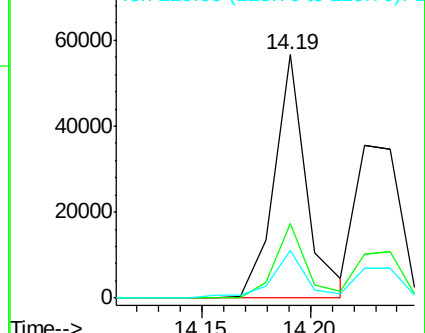
229 19.8 14.9 22.3

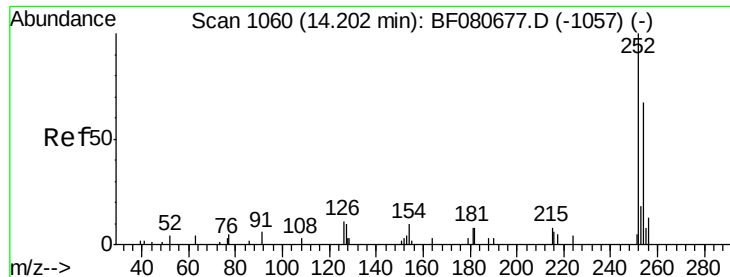


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

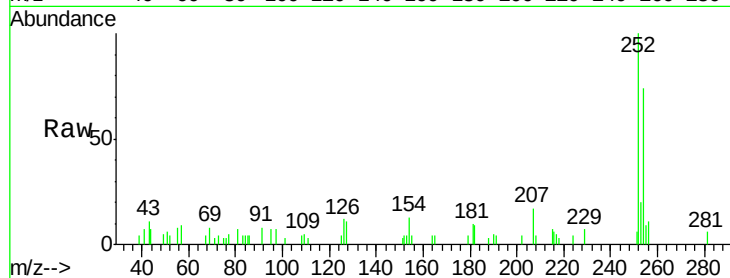




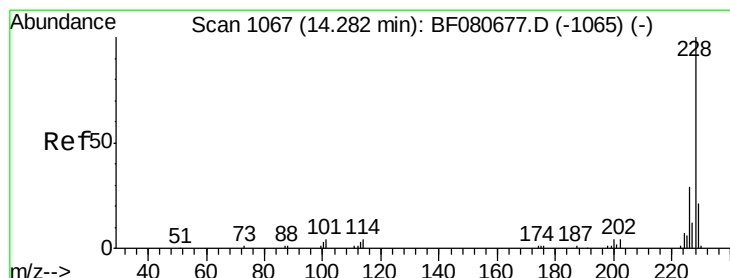
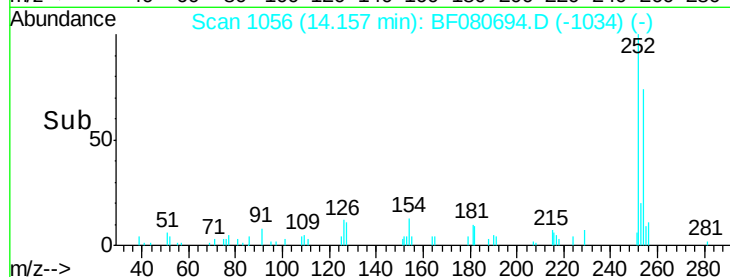
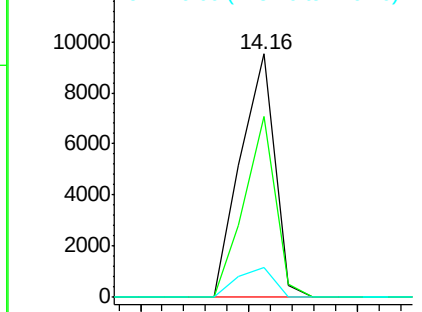
#81
 3,3'-Dichlorobenzidine
 Concen: 34.80 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.05 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:252 Resp: 10397
 Ion Ratio Lower Upper
 252 100
 254 74.4 53.8 80.8
 126 12.4 9.0 13.4

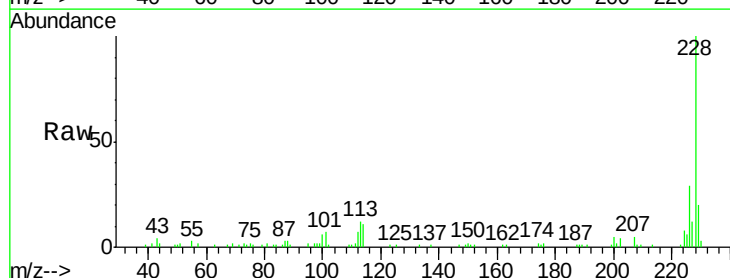


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

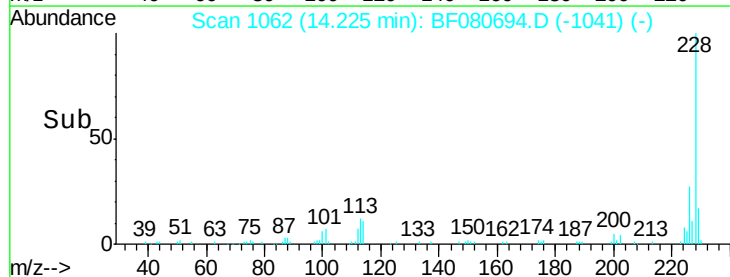
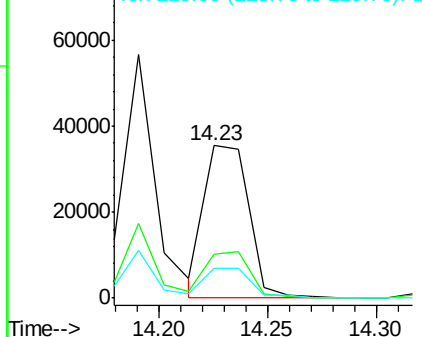


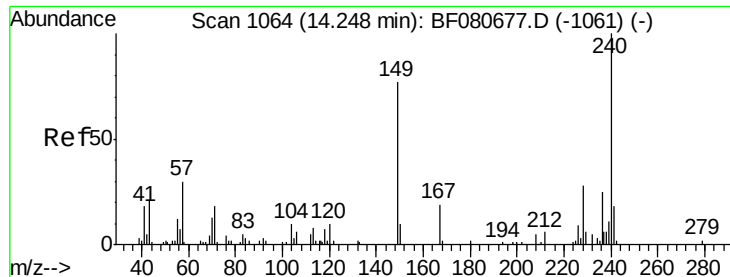
#82
 Chrysene
 Concen: 44.31 ng
 RT: 14.23 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:228 Resp: 50464
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.0 34.4
 229 19.8 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

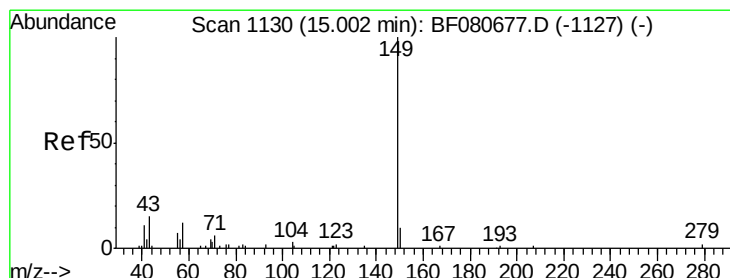
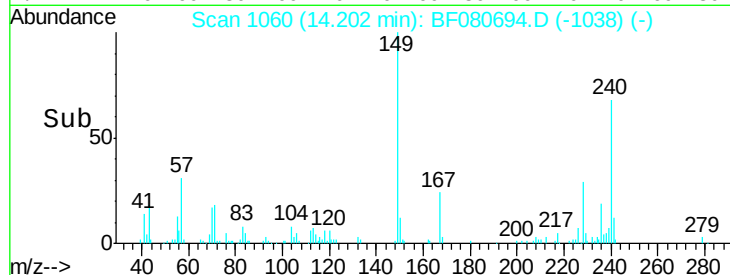
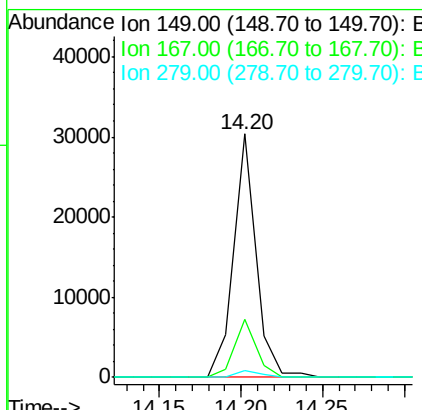
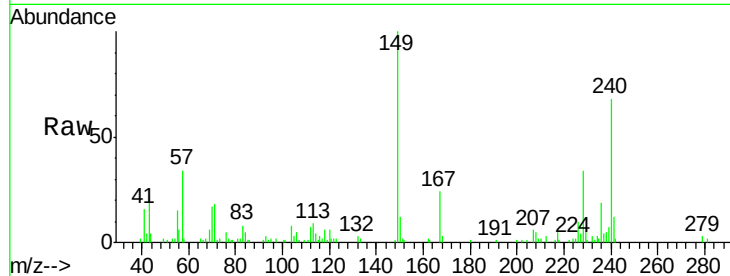




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.07 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. -0.04 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

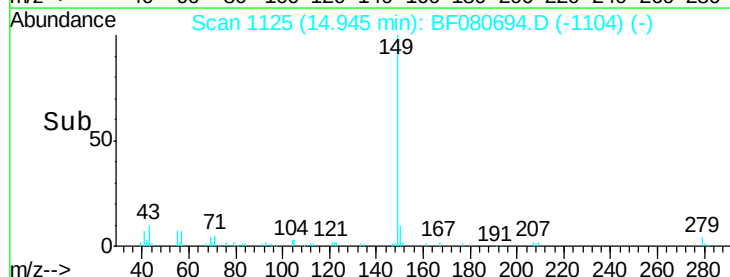
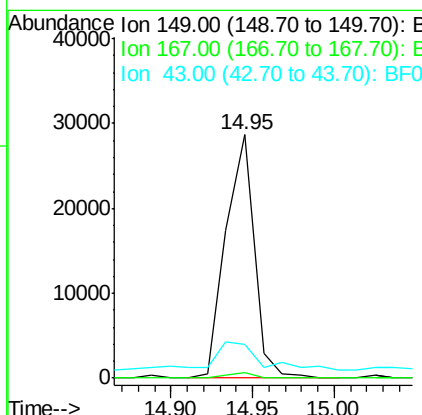
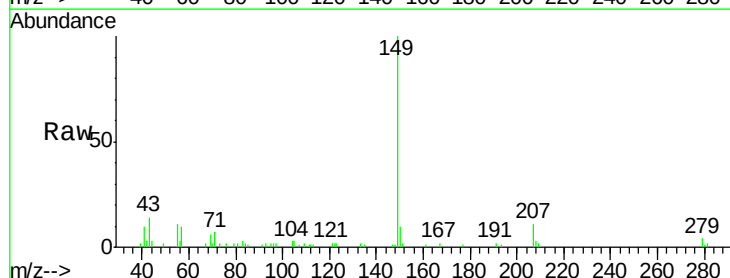
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

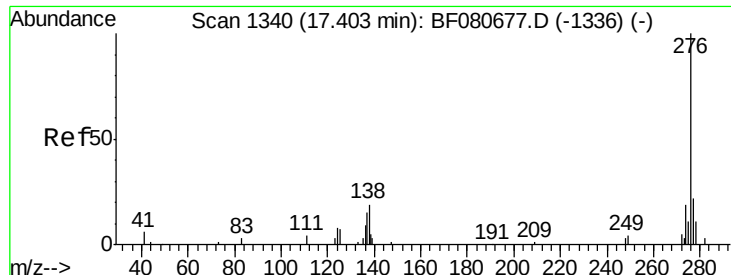
Tot Ion:149 Resp: 28753
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.0 30.0
 279 2.6 2.1 3.1



#84
 Di-n-octyl phthalate
 Concen: 49.05 ng
 RT: 14.95 min Scan# 1125
 Delta R.T. -0.06 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Tgt Ion:149 Resp: 34526
 Ion Ratio Lower Upper
 149 100
 167 2.1 0.6 1.0#
 43 19.7 11.6 17.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 479.68 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.06 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

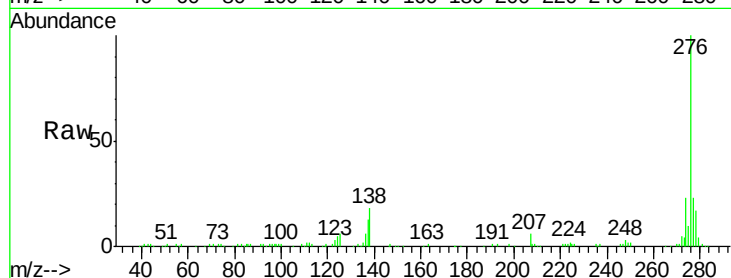
Tot Ion:276 Resp: 230380

Ion Ratio Lower Upper

276 100

138 22.1 19.7 29.5

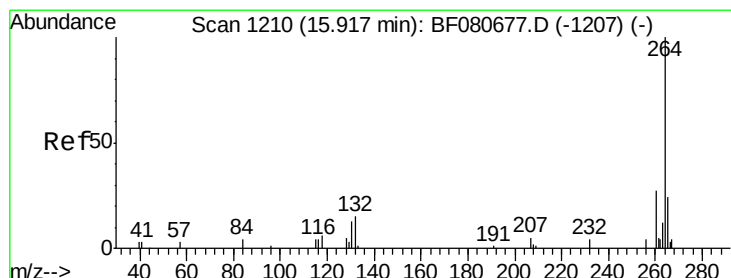
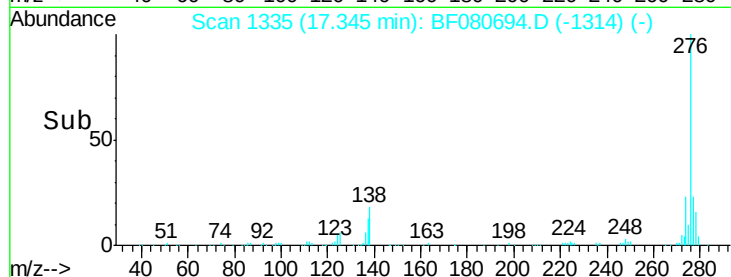
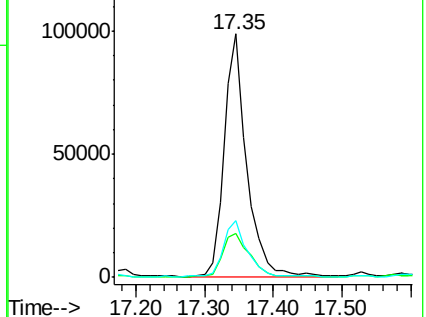
277 25.9 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.85 min Scan# 1204

Delta R.T. -0.07 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

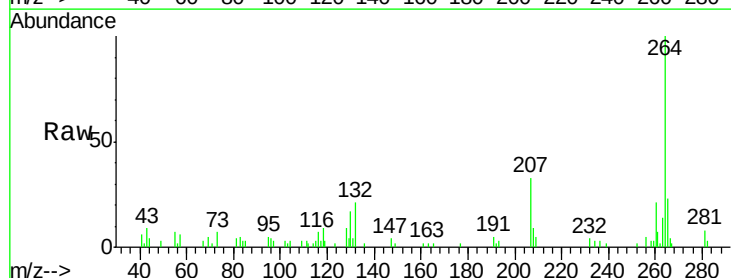
Tgt Ion:264 Resp: 21061

Ion Ratio Lower Upper

264 100

260 20.6 21.6 32.4#

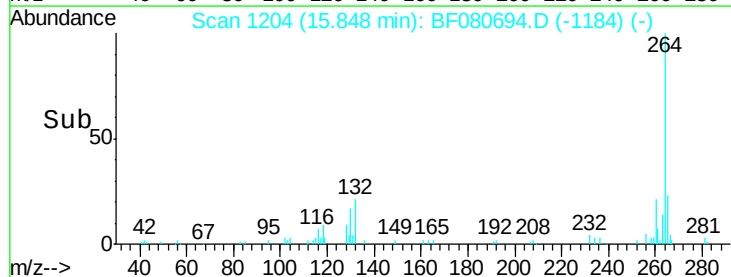
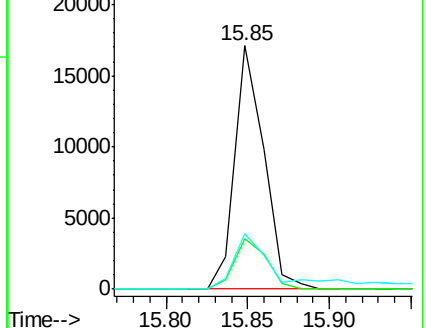
265 22.6 19.3 28.9

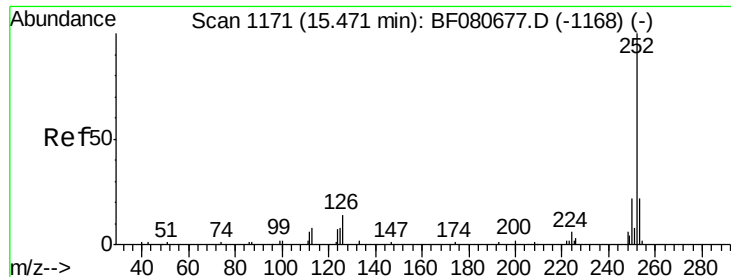


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

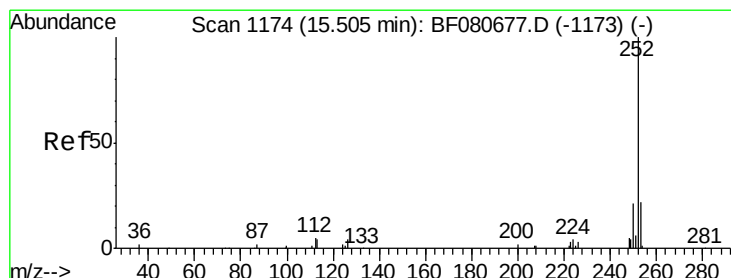
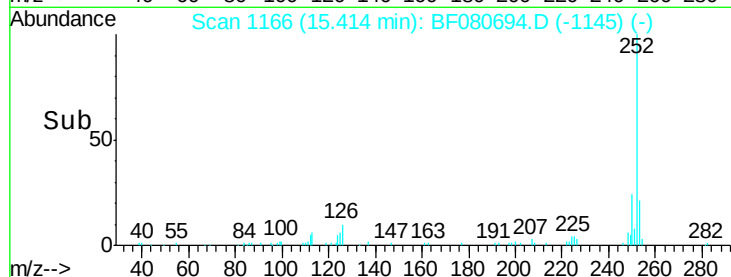
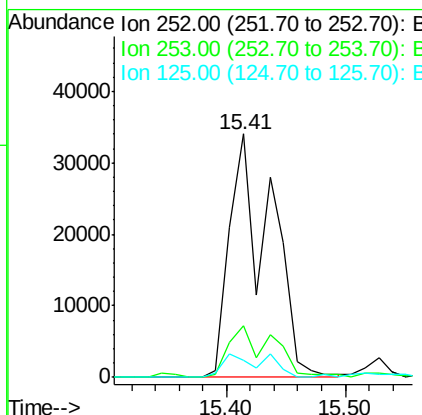
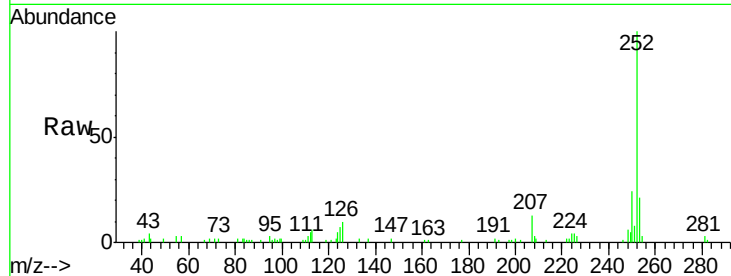




#87
Benzo(b)fluoranthene
Concen: 52.89 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

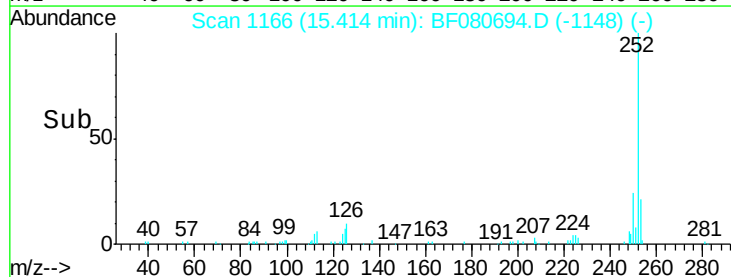
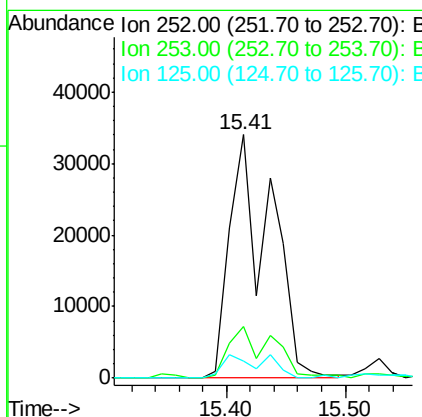
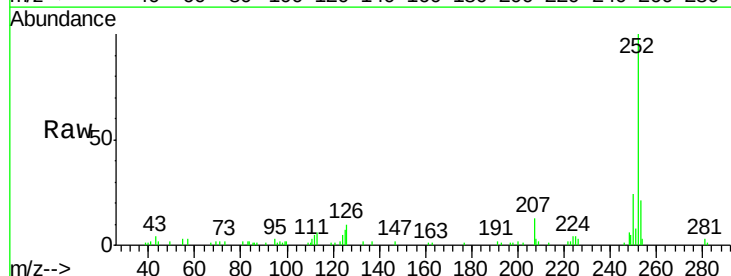
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MSD

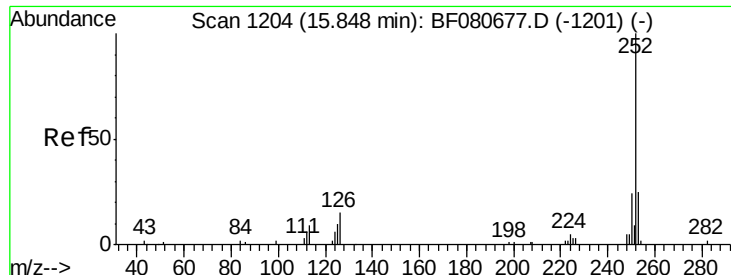
Tot Ion:252 Resp: 81115
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 7.1 6.7 10.1



#88
Benzo(k)fluoranthene
Concen: 57.68 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF080694.D
Acq: 28 Jul 2015 2:59

Tgt Ion:252 Resp: 81115
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 7.1 6.7 10.1





#89

Benzo(a)pyrene

Concen: 46.15 ng

RT: 15.79 min Scan# 1199

Delta R.T. -0.06 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MSD

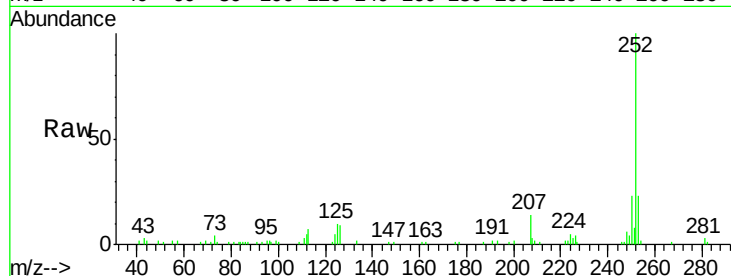
Tot Ion:252 Resp: 54082

Ion Ratio Lower Upper

252 100

253 22.6 20.2 30.2

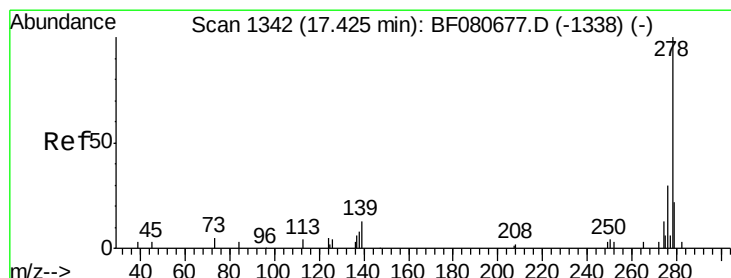
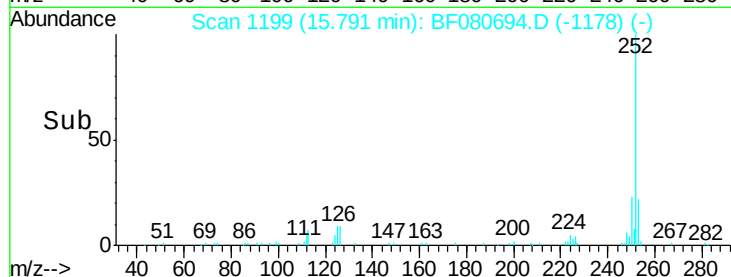
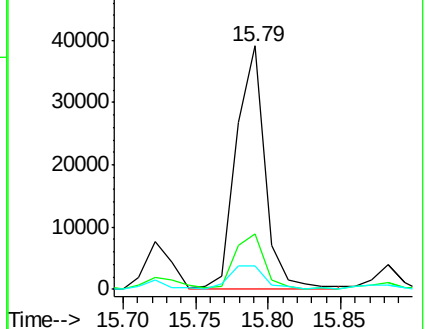
125 9.9 8.4 12.6



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: 180.59 ng

RT: 17.37 min Scan# 1337

Delta R.T. -0.06 min

Lab File: BF080694.D

Acq: 28 Jul 2015 2:59

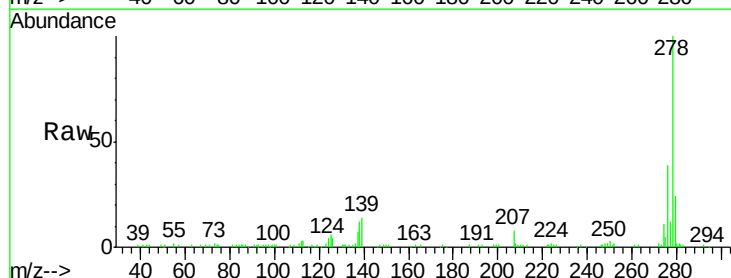
Tgt Ion:278 Resp: 145502

Ion Ratio Lower Upper

278 100

139 13.8 10.3 15.5

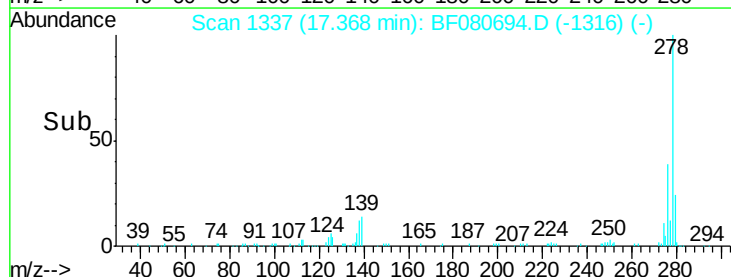
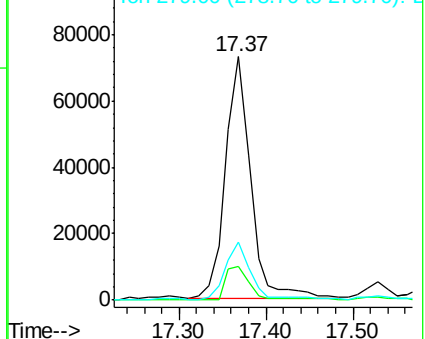
279 23.6 17.4 26.0

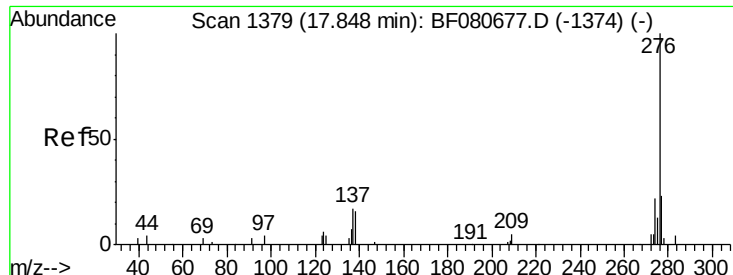


Abundance Ion 278.00 (277.70 to 278.70): E

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: 326.56 ng
 RT: 17.79 min Scan# 1374
 Delta R.T. -0.06 min
 Lab File: BF080694.D
 Acq: 28 Jul 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MSD

Tot Ion:	276	Resp:	255066
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.7	28.1
138	17.5	12.7	19.1

