

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079601.D
 Acq On : 30 May 2015 14:22
 Operator : TP/IZ
 Sample : G2416-18MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Quant Time: May 31 05:43:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63800	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	267466	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	126847	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	230290	20.00	ng	-0.02
75) Chrysene-d12	15.79	240	230828	20.00	ng	-0.05
86) Perylene-d12	17.57	264	239451	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	576139	156.63	ng	-0.02
7) Phenol-d6	6.54	99	715080	152.52	ng	-0.02
23) Nitrobenzene-d5	7.63	82	404724	87.47	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	211578	151.86	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	861951	96.95	ng	-0.02
78) Terphenyl-d14	14.50	244	926793	94.23	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	77540	44.31	ng	# 100
3) Pyridine	2.39	79	160609	41.68	ng	100
4) n-Nitrosodimethylamine	2.32	42	87763	46.26	ng	98
6) Aniline	6.52	93	156048	23.45	ng	99
8) 2-Chlorophenol	6.67	128	216155	50.48	ng	96
9) Benzaldehyde	6.39	77	23234	6.64	ng	97
10) Phenol	6.55	94	270911	49.07	ng	90
11) bis(2-Chloroethyl)ether	6.64	93	211754	53.03	ng	98
12) 1,3-Dichlorobenzene	6.86	146	227280	47.91	ng	94
13) 1,4-Dichlorobenzene	6.96	146	231354	47.81	ng	97
14) 1,2-Dichlorobenzene	7.14	146	215826	48.02	ng	96
15) Benzyl Alcohol	7.14	79	177201	51.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	290986	49.79	ng	94
17) 2-Methylphenol	7.30	107	167264	49.72	ng	97
18) Hexachloroethane	7.55	117	80224	48.16	ng	# 84
19) n-Nitroso-di-n-propylamine	7.47	70	156239	47.36	ng	# 87
20) 3+4-Methylphenols	7.50	107	230721	49.91	ng	96
22) Acetophenone	7.45	105	306326	51.12	ng	# 99
24) Nitrobenzene	7.66	77	208776	45.78	ng	98
25) Isophorone	7.96	82	405043	48.03	ng	99
26) 2-Nitrophenol	8.06	139	112132	51.93	ng	99
27) 2,4-Dimethylphenol	8.14	122	185389	47.77	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	264285	50.56	ng	99
29) 2,4-Dichlorophenol	8.36	162	179805	50.58	ng	100
30) 1,2,4-Trichlorobenzene	8.44	180	184034	49.90	ng	98
31) Naphthalene	8.54	128	625583	48.74	ng	100
32) Benzoic acid	8.28	122	90906	37.74	ng	97
33) 4-Chloroaniline	8.63	127	134451	25.07	ng	99
34) Hexachlorobutadiene	8.70	225	102989	49.10	ng	98
35) Caprolactam	9.06	113	54349	48.48	ng	97
36) 4-Chloro-3-methylphenol	9.26	107	183122	49.66	ng	# 78
37) 2-Methylnaphthalene	9.39	142	435644	48.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	174068	49.06	ng	# 100
40) Hexachlorocyclopentadiene	9.59	237	92042	81.72	ng	97

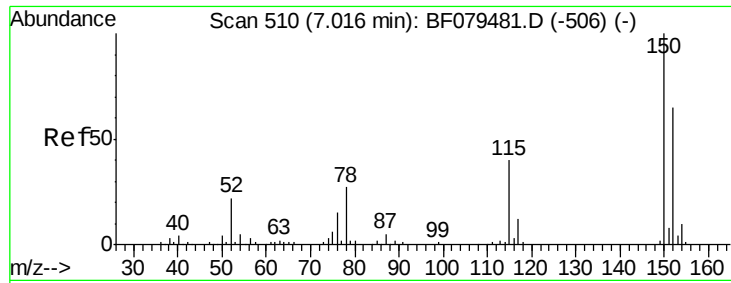
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	120225	48.53	ng	98
43) 2,4,5-Trichlorophenol	9.82	196	129539	52.53	ng	97
45) 1,1'-Biphenyl	9.98	154	492685	49.73	ng	97
46) 2-Chloronaphthalene	10.00	162	391084	49.98	ng	95
47) 2-Nitroaniline	10.14	65	108589	46.67	ng	# 79
48) Acenaphthylene	10.50	152	636387	49.00	ng	99
49) Dimethylphthalate	10.38	163	537930	57.55	ng	99
50) 2,6-Dinitrotoluene	10.46	165	95567	51.18	ng	98
51) Acenaphthene	10.72	154	362220	48.77	ng	100
52) 3-Nitroaniline	10.65	138	78097	32.15	ng	87
53) 2,4-Dinitrophenol	10.80	184	68846	83.98	ng	# 88
54) Dibenzofuran	10.94	168	566432	51.71	ng	95
55) 4-Nitrophenol	10.94	139	358329	266.04	ng	# 15
56) 2,4-Dinitrotoluene	10.95	165	126189	50.39	ng	96
57) Fluorene	11.36	166	452177	50.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.10	232	97377	54.26	ng	# 100
59) Diethylphthalate	11.26	149	449196	49.10	ng	99
60) 4-Chlorophenyl-phenylether	11.37	204	200909	51.50	ng	89
61) 4-Nitroaniline	11.40	138	94055	41.57	ng	92
62) Azobenzene	11.56	77	425912	47.86	ng	94
64) 4,6-Dinitro-2-methylphenol	11.45	198	55628	47.81	ng	92
65) n-Nitrosodiphenylamine	11.52	169	370090	48.39	ng	99
66) 4-Bromophenyl-phenylether	11.98	248	122750	51.76	ng	# 89
67) Hexachlorobenzene	12.02	284	137986	51.03	ng	# 82
68) Atrazine	12.21	200	121531	58.82	ng	99
69) Pentachlorophenol	12.29	266	115121	111.15	ng	96
70) Phenanthrene	12.54	178	638160	50.51	ng	99
71) Anthracene	12.61	178	648695	50.57	ng	100
72) Carbazole	12.82	167	611585	49.53	ng	98
73) Di-n-butylphthalate	13.28	149	752542	54.95	ng	100
74) Fluoranthene	14.01	202	726540	53.63	ng	97
76) Benzidine	14.21	184	86903	17.58	ng	98
77) Pyrene	14.29	202	730502	51.08	ng	99
79) Butylbenzylphthalate	15.13	149	339972	52.86	ng	94
80) Benzo(a)anthracene	15.78	228	660230	49.72	ng	99
81) 3,3'-Dichlorobenzidine	15.77	252	180136	37.05	ng	99
82) Chrysene	15.83	228	630040	49.92	ng	99
83) Bis(2-ethylhexyl)phthalate	15.86	149	504174	54.72	ng	# 97
84) Di-n-octyl phthalate	16.67	149	873290	54.46	ng	100
85) Indeno(1,2,3-cd)pyrene	18.89	276	800709	49.32	ng	98
87) Benzo(b)fluoranthene	17.11	252	812706	59.51	ng	99
88) Benzo(k)fluoranthene	17.11	252	812706	66.55	ng	# 98
89) Benzo(a)pyrene	17.51	252	642781	54.06	ng	98
90) Dibenzo(a,h)anthracene	18.91	278	654479	52.49	ng	98
91) Benzo(g,h,i)perylene	19.27	276	663544	52.64	ng	# 94

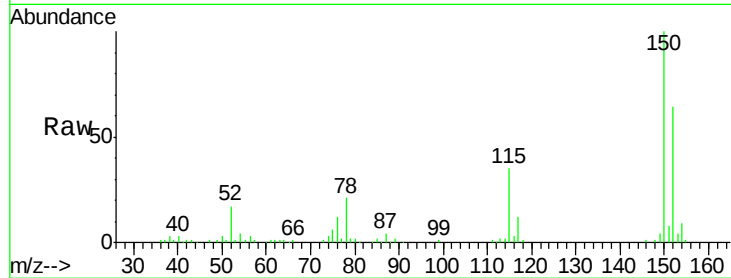
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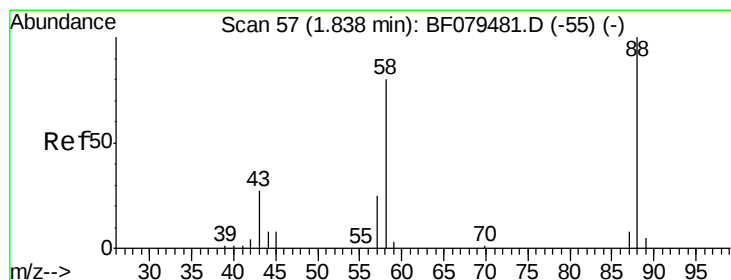
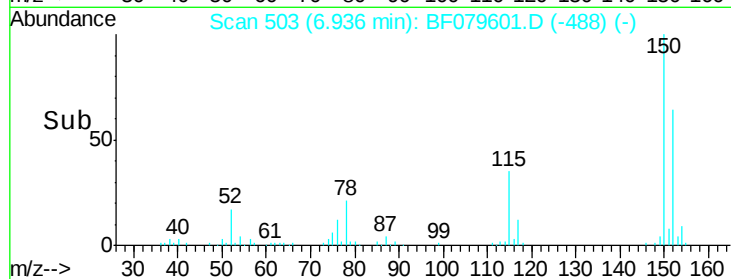
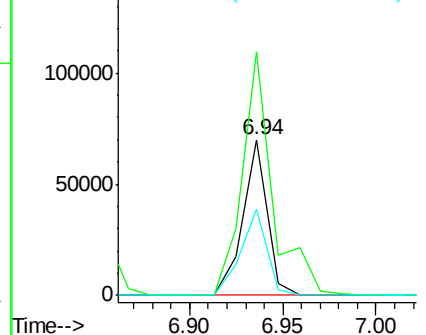
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Tgt Ion: 152 Resp: 63800
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.0 186.0
 115 55.3 49.6 74.4

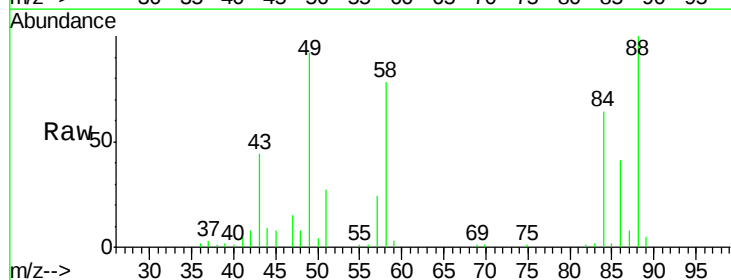


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

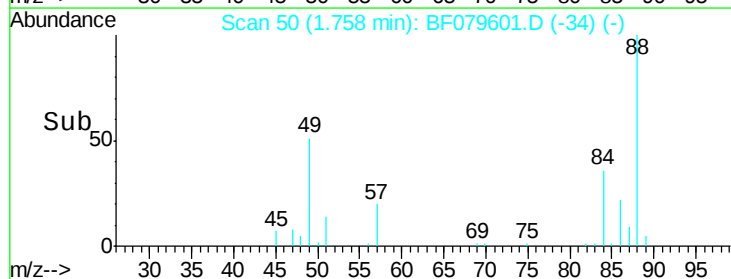
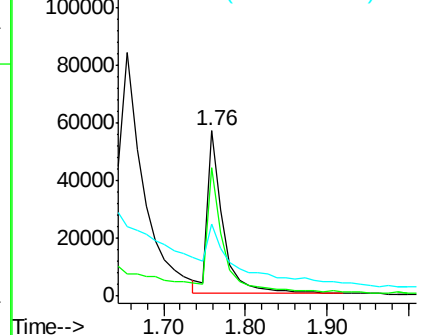


#2
 1,4-Dioxane
 Concen: 44.31 ng
 RT: 1.76 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion: 88 Resp: 77540
 Ion Ratio Lower Upper
 88 100
 58 76.8 0.0 0.0#
 43 56.8 0.0 0.0#



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

Pyridine

Concen: 41.68 ng

RT: 2.39 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

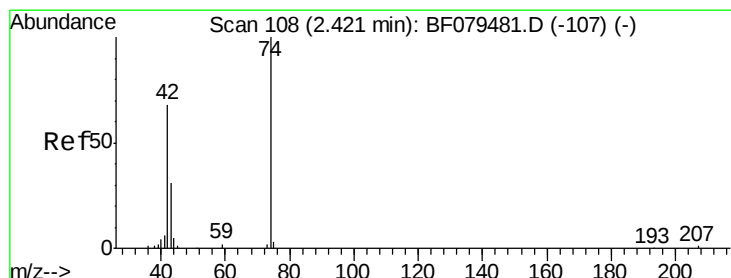
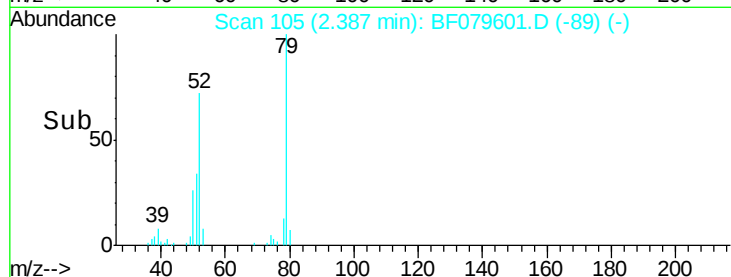
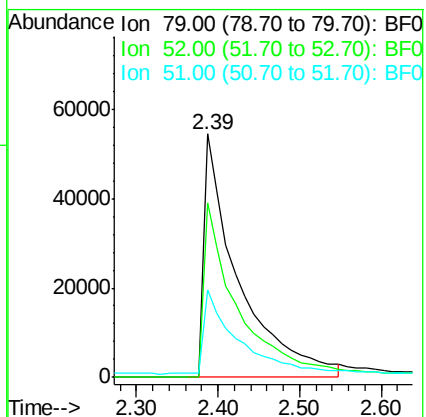
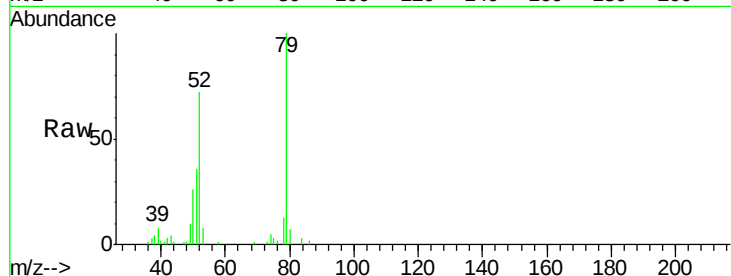
Tgt Ion: 79 Resp: 160609

Ion Ratio Lower Upper

79 100

52 71.6 57.4 86.2

51 36.2 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 46.26 ng

RT: 2.32 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

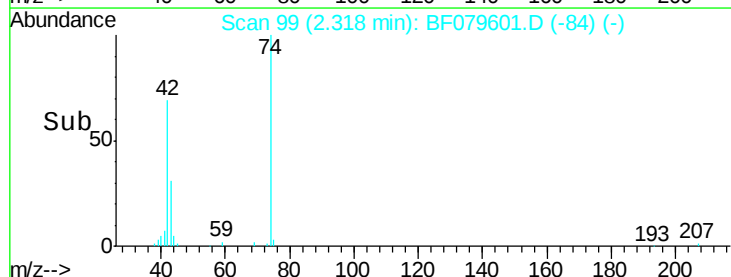
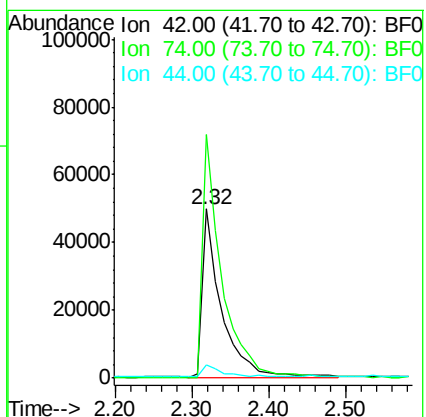
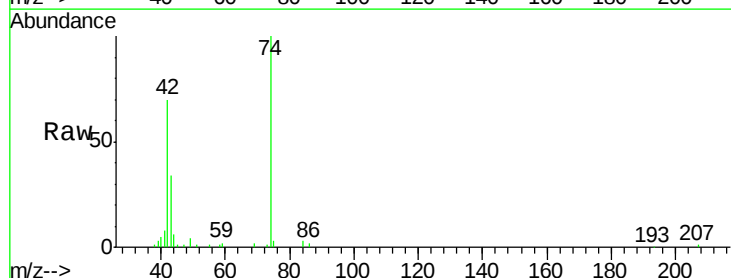
Tgt Ion: 42 Resp: 87763

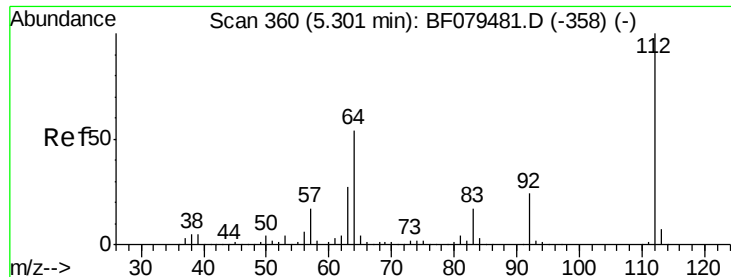
Ion Ratio Lower Upper

42 100

74 143.9 117.6 176.4

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 156.63 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

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ClientSampleId :

PULASKIST7.3(2)MS

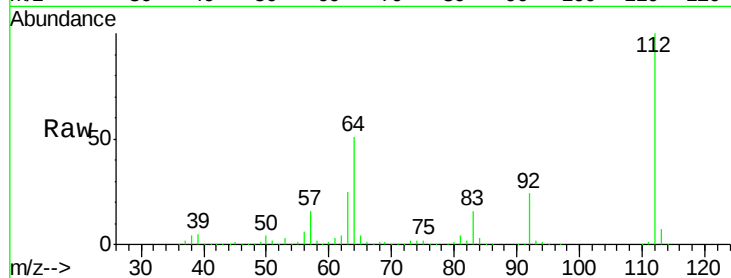
Tgt Ion: 112 Resp: 576139

Ion Ratio Lower Upper

112 100

64 50.9 43.5 65.3

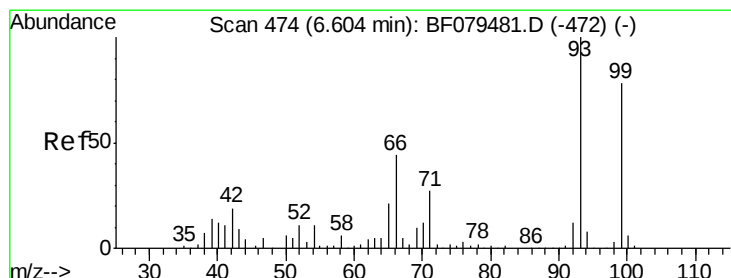
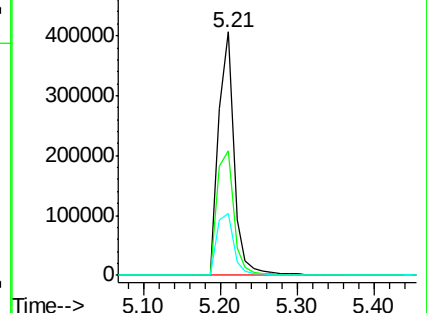
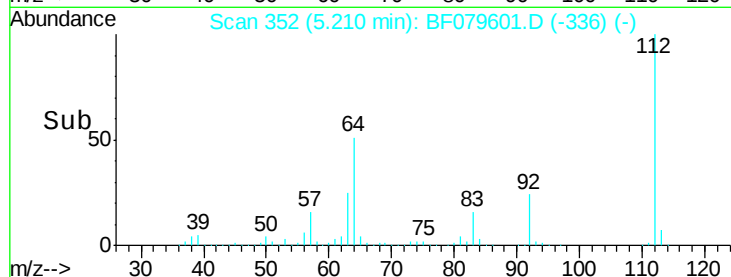
63 25.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.45 ng

RT: 6.52 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

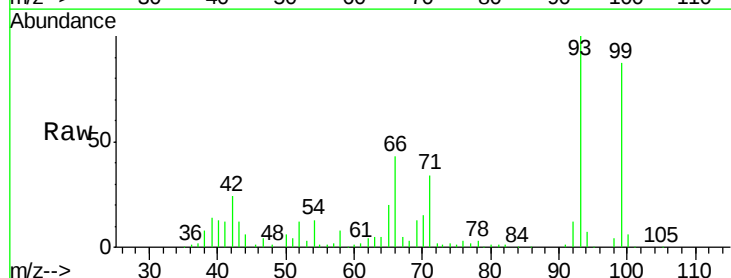
Tgt Ion: 93 Resp: 156048

Ion Ratio Lower Upper

93 100

66 43.1 34.8 52.2

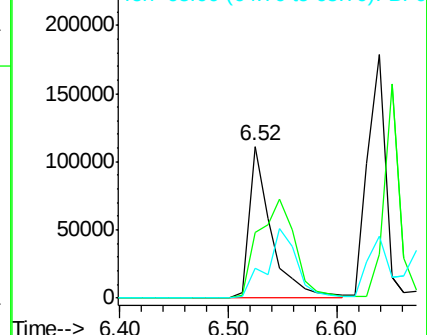
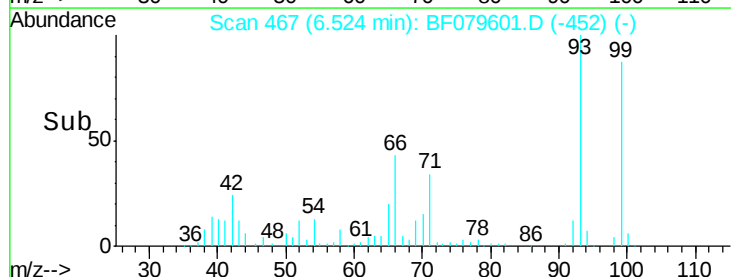
65 20.1 16.7 25.1

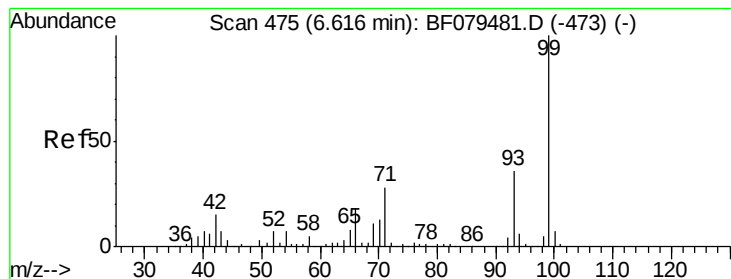


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 152.52 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

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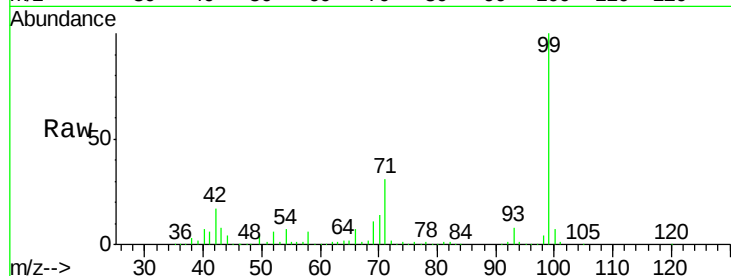
Tgt Ion: 99 Resp: 715080

Ion Ratio Lower Upper

99 100

42 16.9 11.9 17.9

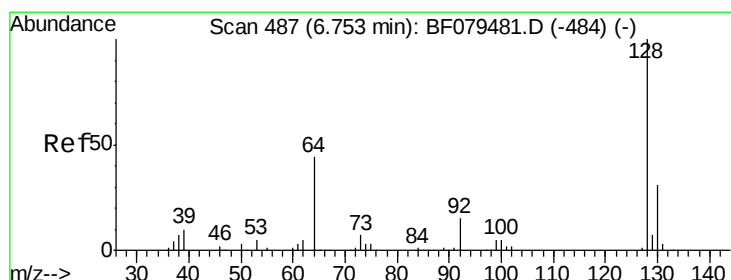
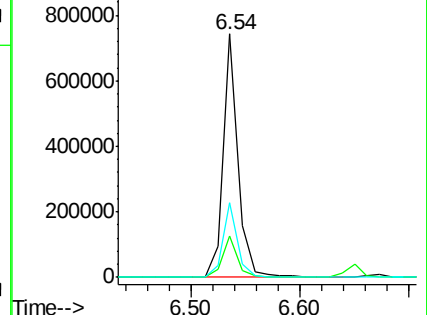
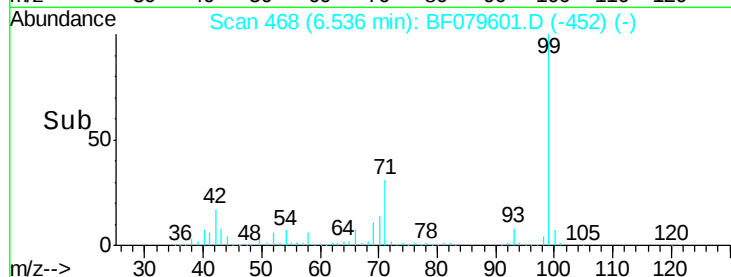
71 30.8 22.1 33.1



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: 50.48 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

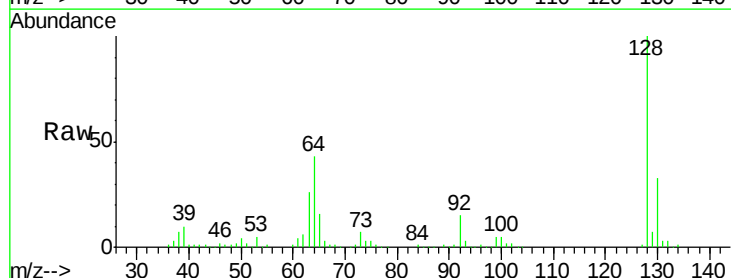
Tgt Ion: 128 Resp: 216155

Ion Ratio Lower Upper

128 100

130 33.4 11.4 51.4

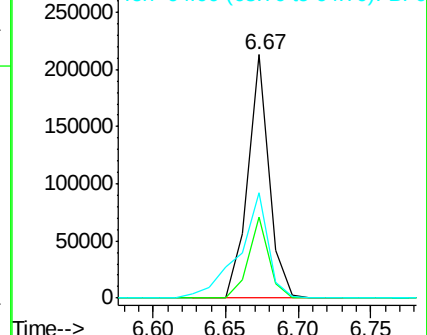
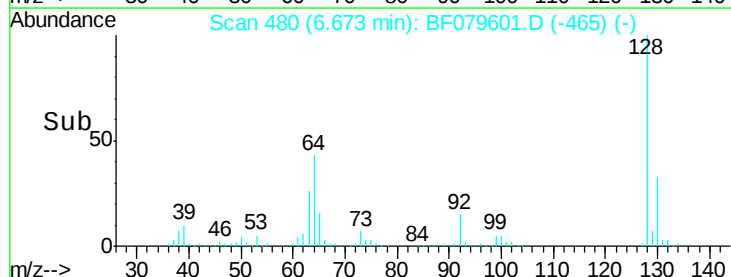
64 43.3 25.9 65.9

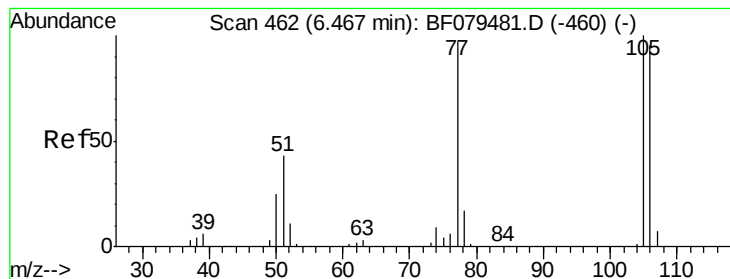


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.64 ng

RT: 6.39 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

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PULASKIST7.3(2)MS

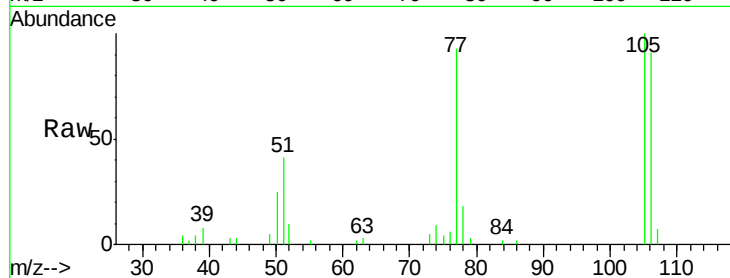
Tgt Ion: 77 Resp: 23234

Ion Ratio Lower Upper

77 100

105 107.2 83.3 123.3

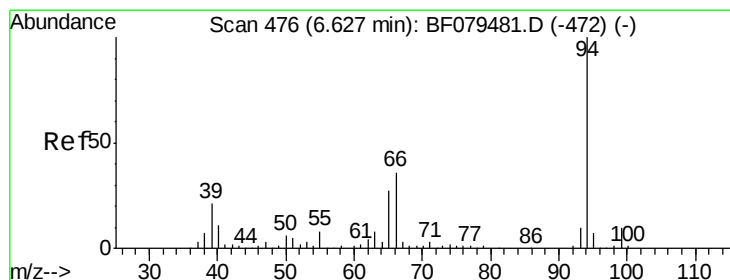
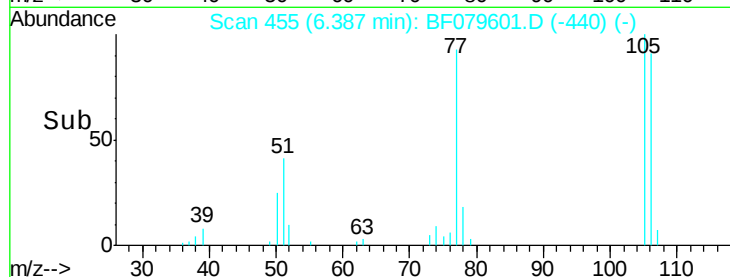
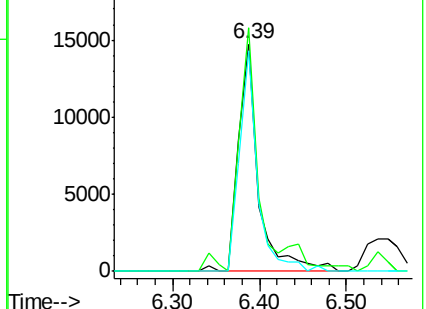
106 97.1 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.07 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

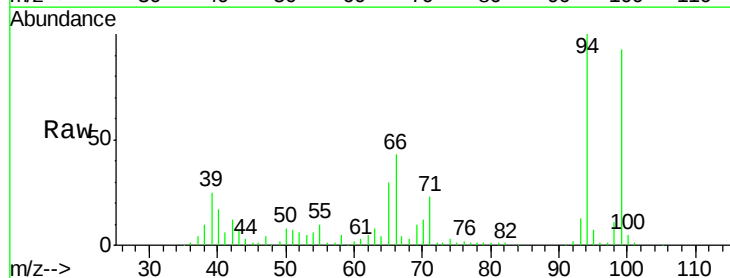
Tgt Ion: 94 Resp: 270911

Ion Ratio Lower Upper

94 100

65 30.5 7.2 47.2

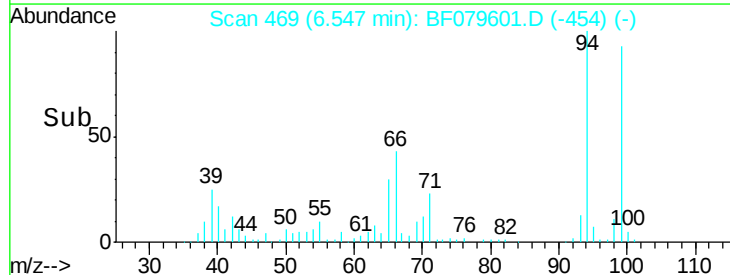
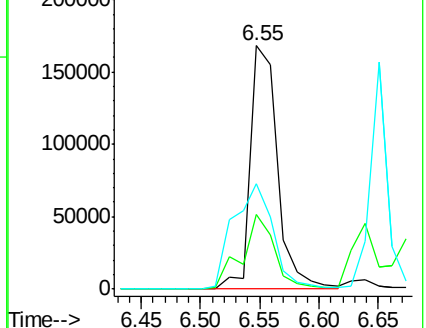
66 43.4 16.2 56.2

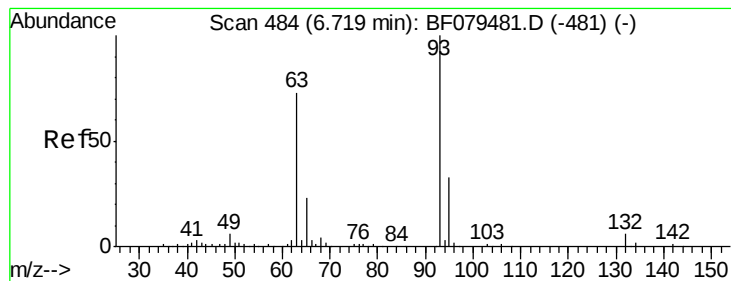


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 53.03 ng

RT: 6.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

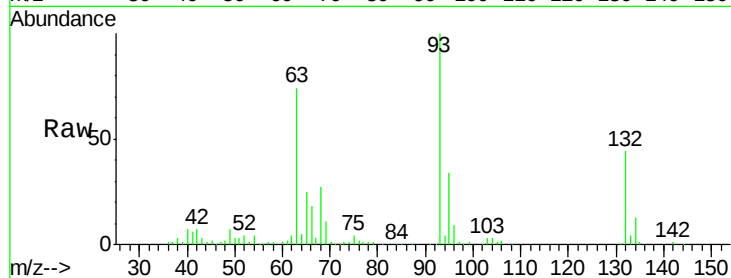
Tgt Ion: 93 Resp: 211754

Ion Ratio Lower Upper

93 100

63 73.9 51.8 91.8

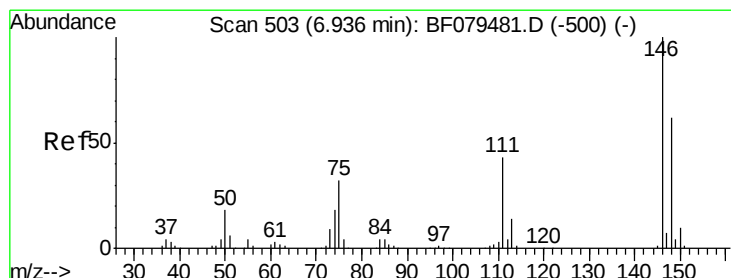
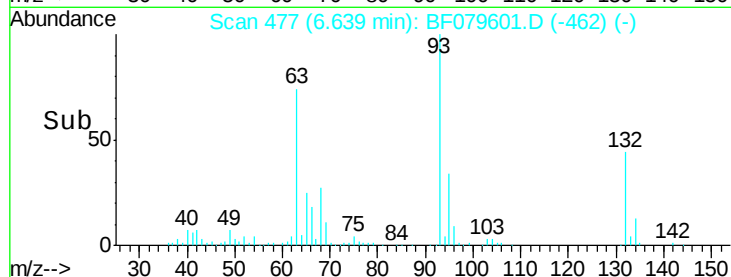
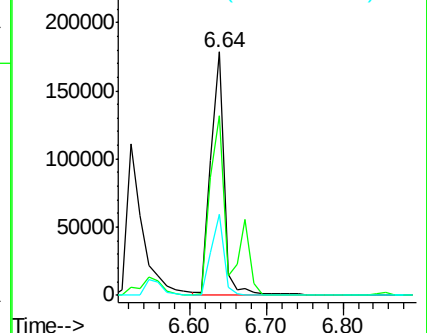
95 33.5 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.91 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

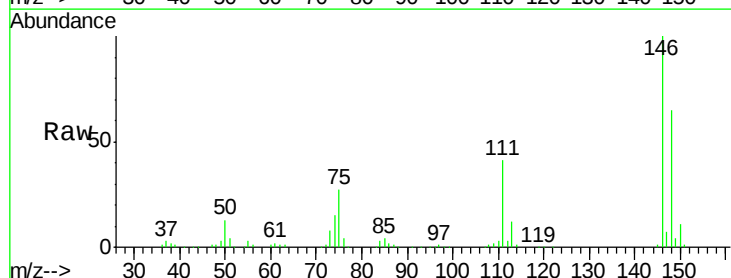
Tgt Ion: 146 Resp: 227280

Ion Ratio Lower Upper

146 100

148 65.2 49.6 74.4

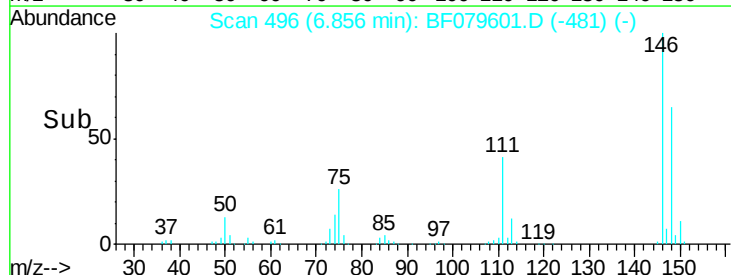
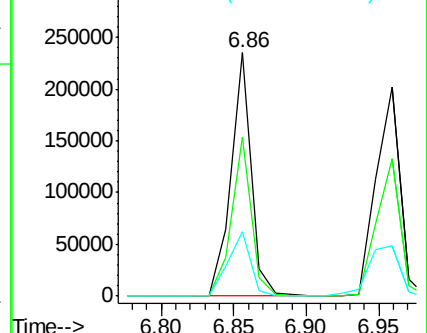
75 26.5 25.9 38.9

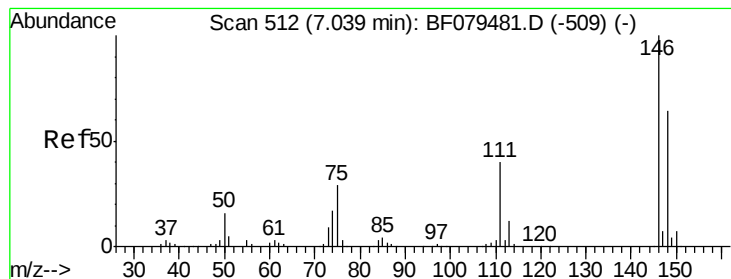


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 47.81 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

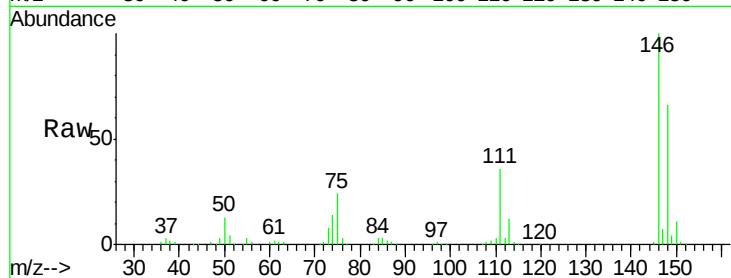
Tgt Ion:146 Resp: 231354

Ion Ratio Lower Upper

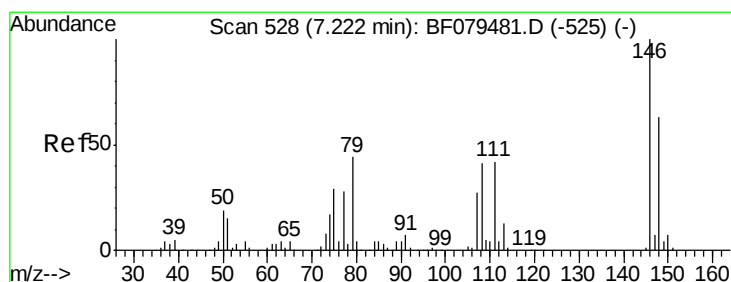
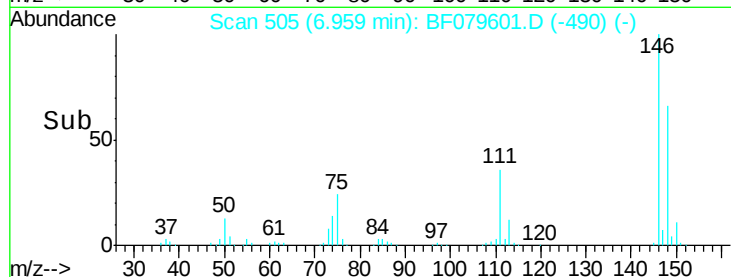
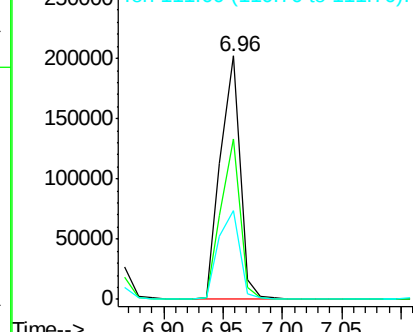
146 100

148 65.9 51.3 76.9

111 36.4 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 48.02 ng

RT: 7.14 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

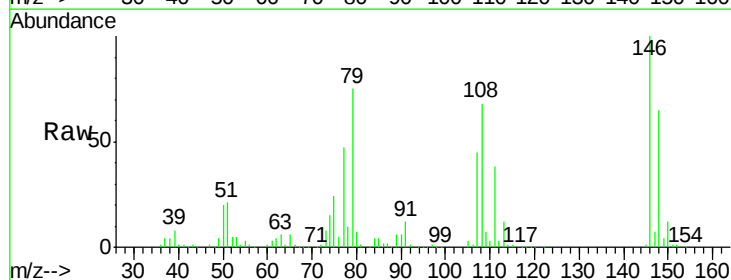
Tgt Ion:146 Resp: 215826

Ion Ratio Lower Upper

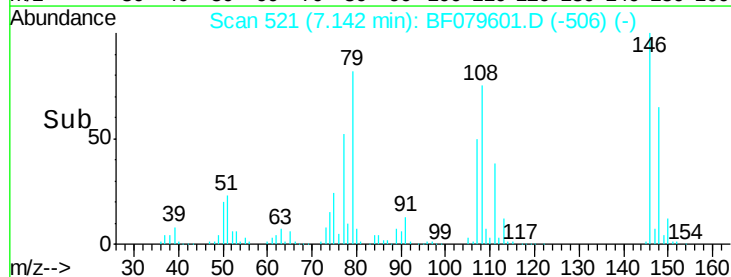
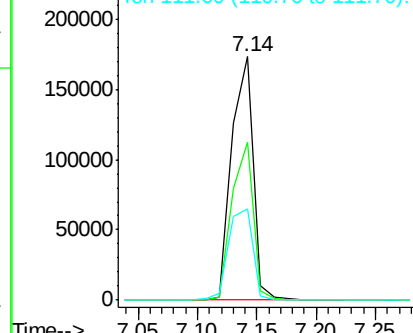
146 100

148 64.7 50.6 76.0

111 37.5 33.2 49.8



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

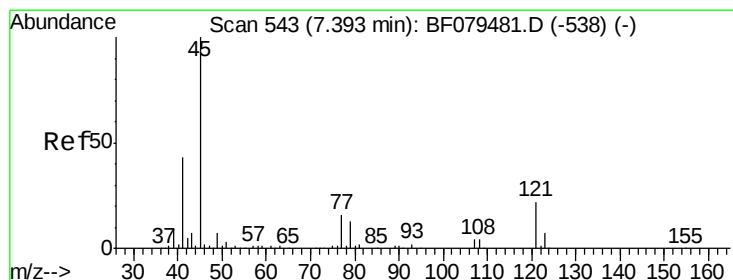
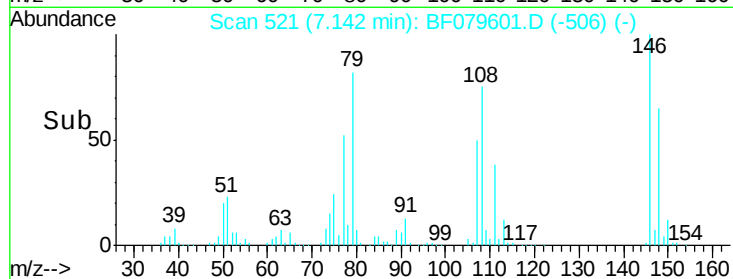
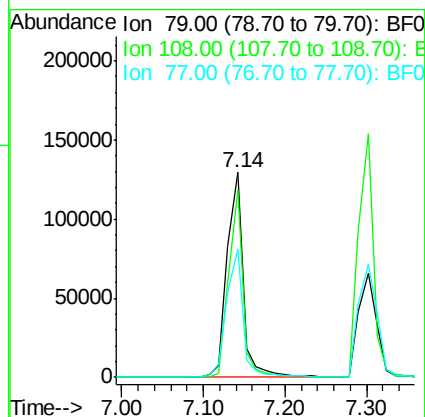
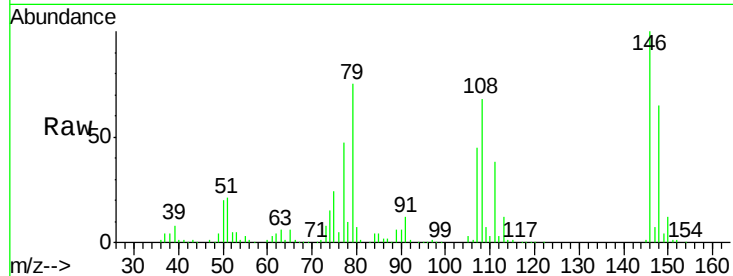




#15
Benzyl Alcohol
Concen: 51.43 ng
RT: 7.14 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

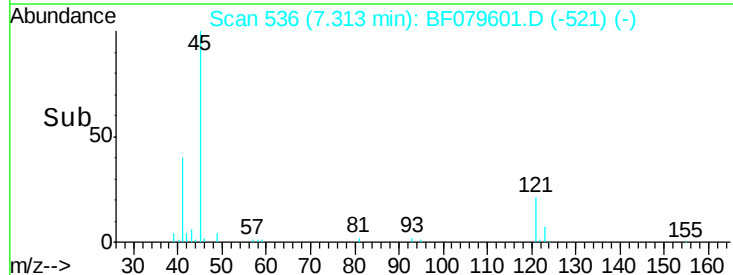
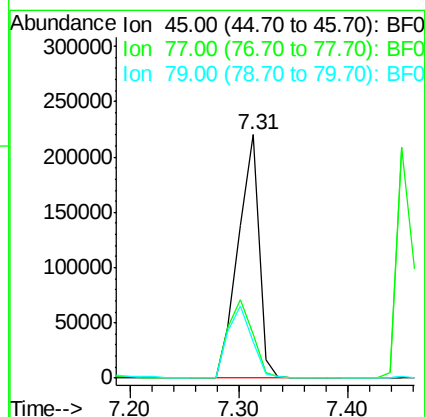
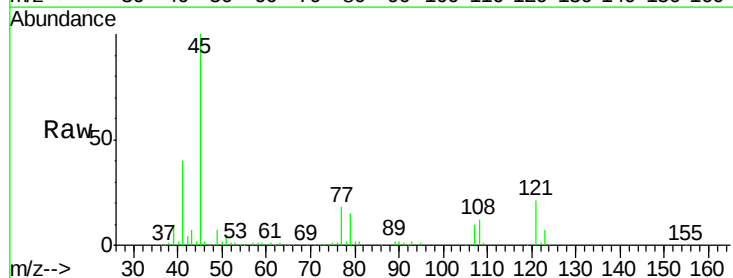
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

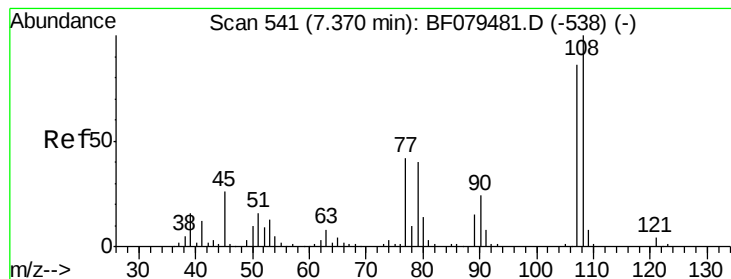
Tgt Ion: 79 Resp: 177201
Ion Ratio Lower Upper
79 100
108 91.5 73.7 110.5
77 63.0 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.79 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion: 45 Resp: 290986
Ion Ratio Lower Upper
45 100
77 18.2 0.0 35.5
79 14.8 0.0 32.8





#17

2-Methylphenol

Concen: 49.72 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

Tgt Ion:107 Resp: 167264

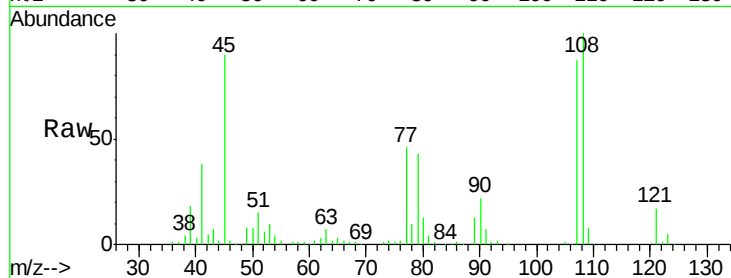
Ion Ratio Lower Upper

107 100

108 115.5 93.1 139.7

77 53.4 39.2 58.8

79 49.2 37.8 56.8

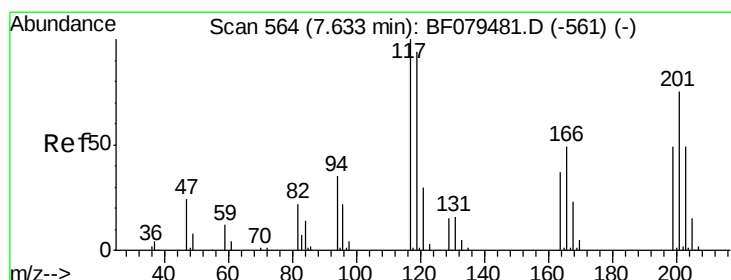
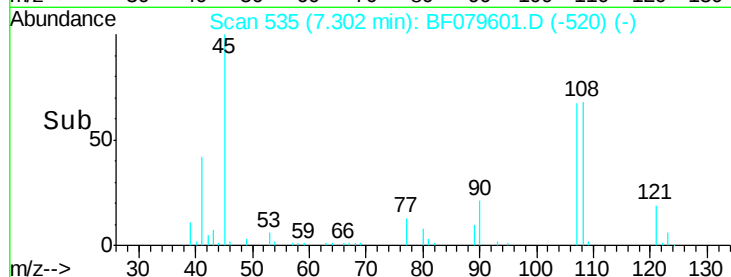
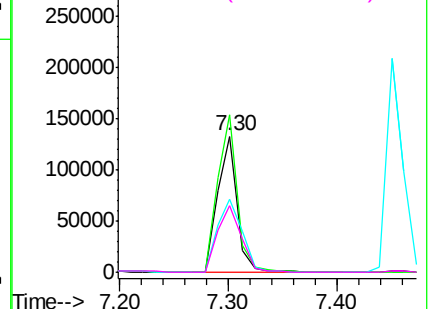


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 48.16 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

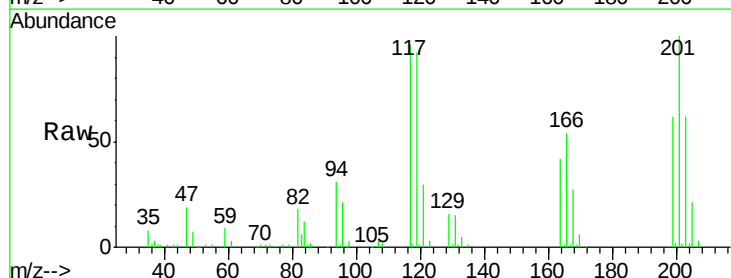
Tgt Ion:117 Resp: 80224

Ion Ratio Lower Upper

117 100

119 96.0 74.9 112.3

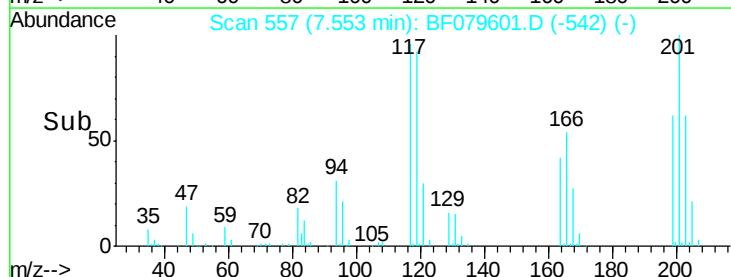
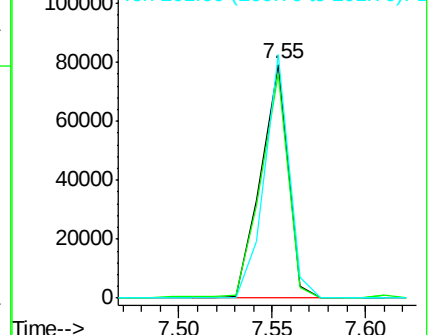
201 104.1 60.2 90.4#

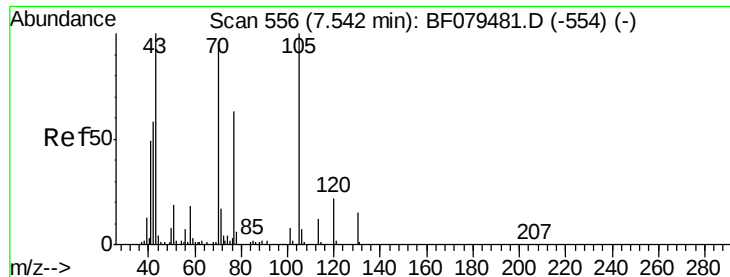


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.36 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

Tgt Ion: 70 Resp: 156239

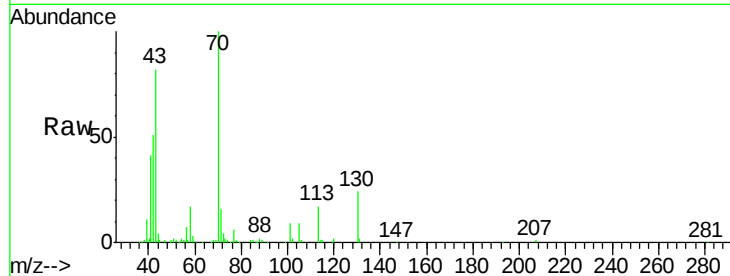
Ion Ratio Lower Upper

70 100

42 51.2 48.8 73.2

101 9.3 6.6 9.8

130 23.7 12.2 18.4#

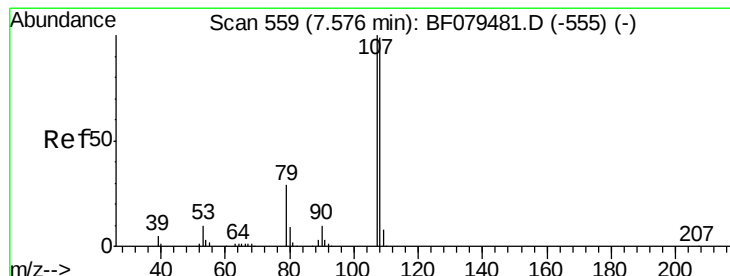
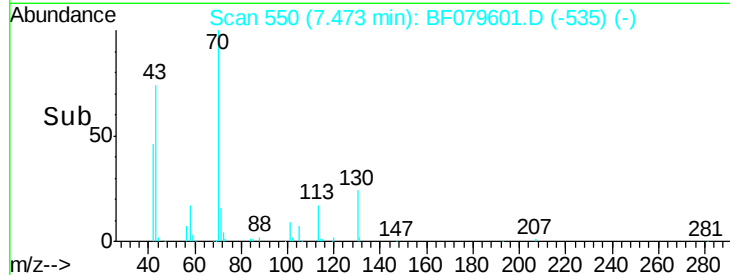
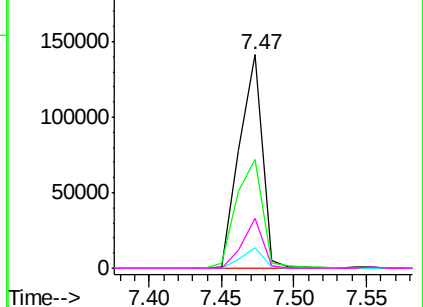


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.91 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Tgt Ion: 107 Resp: 230721

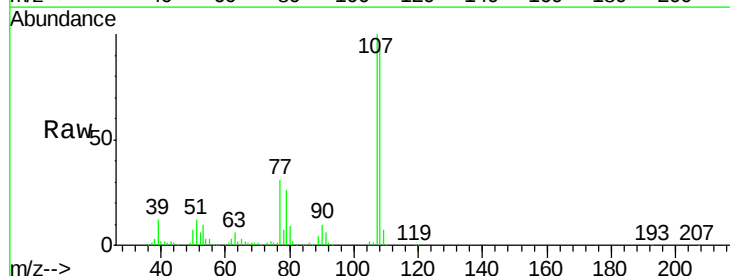
Ion Ratio Lower Upper

107 100

108 92.9 77.7 117.7

77 31.1 11.4 51.4

79 25.7 9.6 49.6

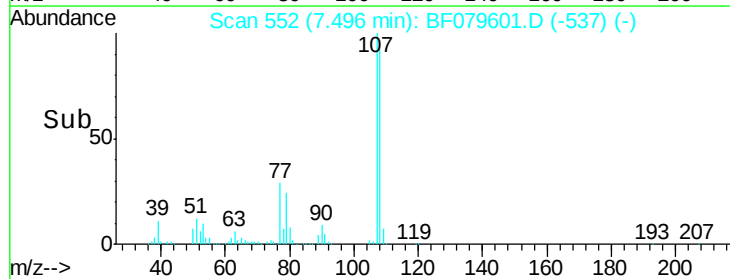
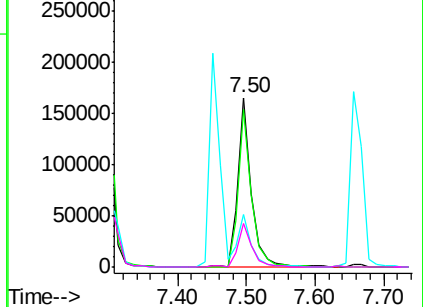


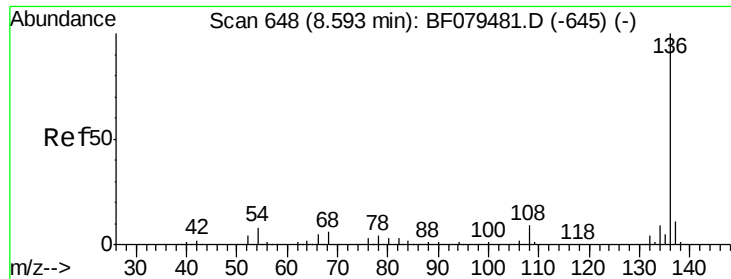
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

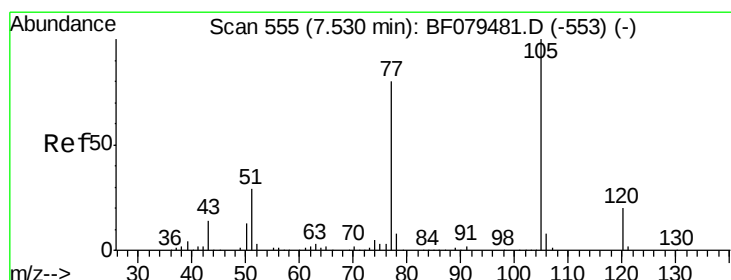
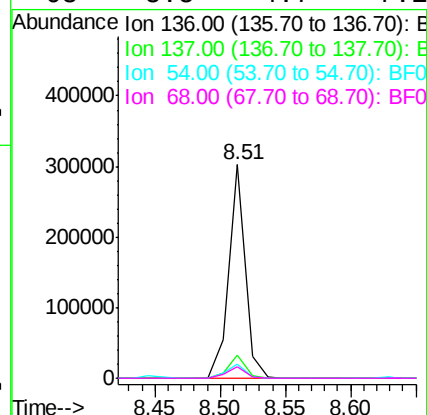
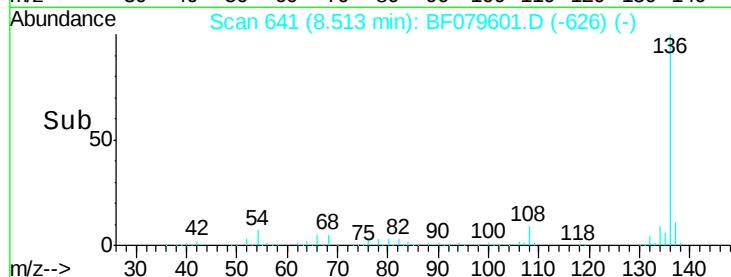
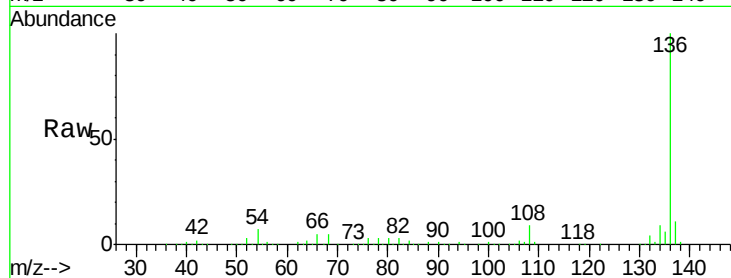




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

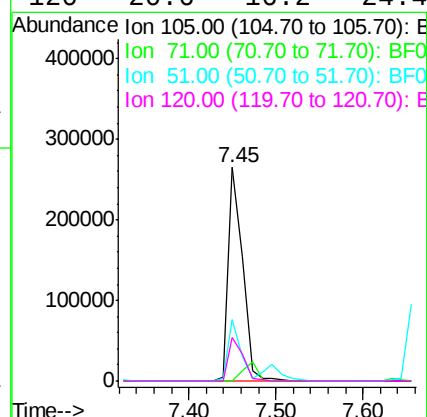
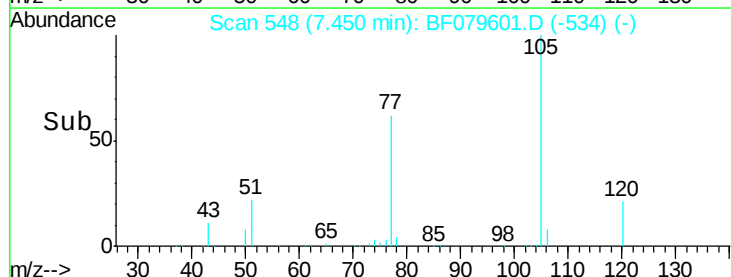
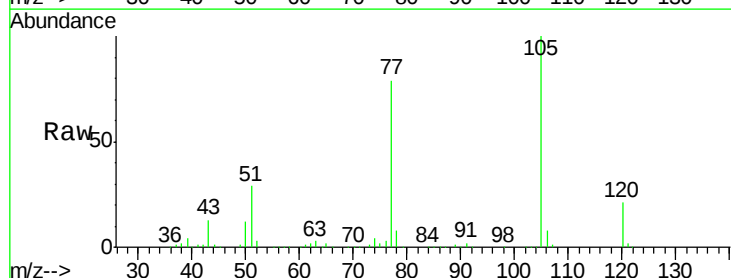
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

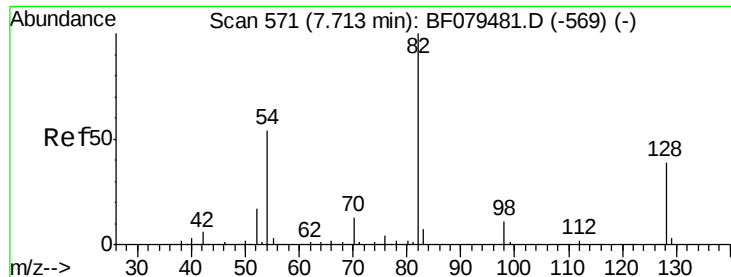
Tgt Ion:	136	Resp:	267466
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	6.6	9.8
68	5.5	4.7	7.1



#22
Acetophenone
Concen: 51.12 ng
RT: 7.45 min Scan# 548
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:	105	Resp:	306326
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.2	0.4#
51	29.0	23.7	35.5
120	20.6	16.2	24.4

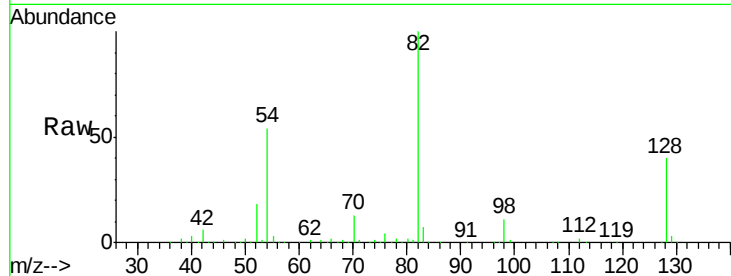




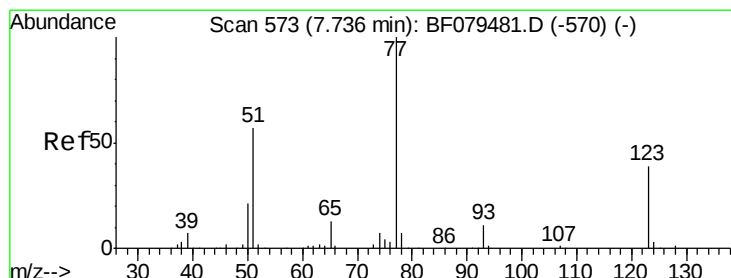
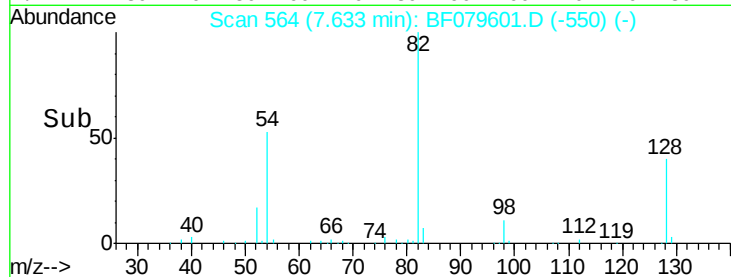
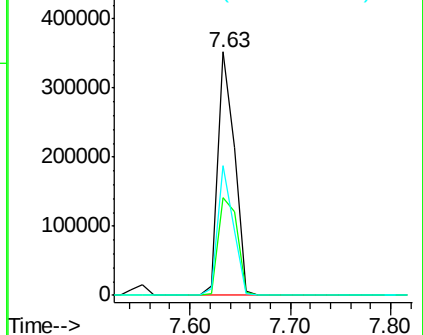
#23
 Nitrobenzene-d5
 Concen: 87.47 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.8	46.2
54	53.5	42.8	64.2

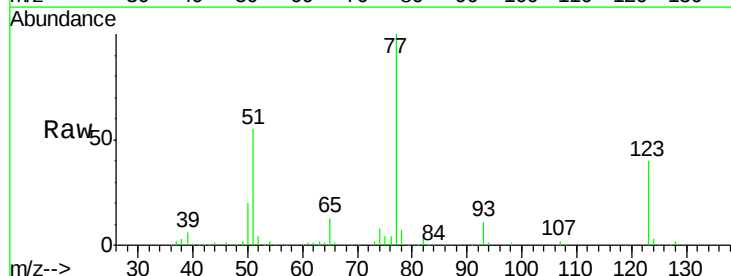


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

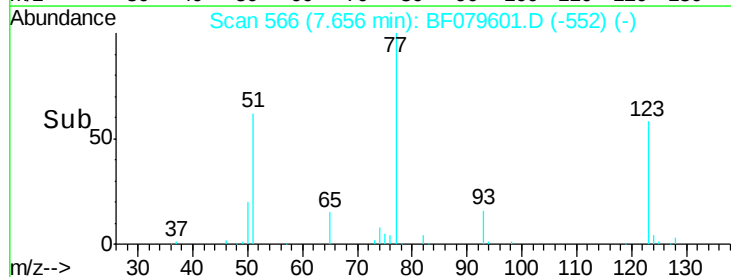
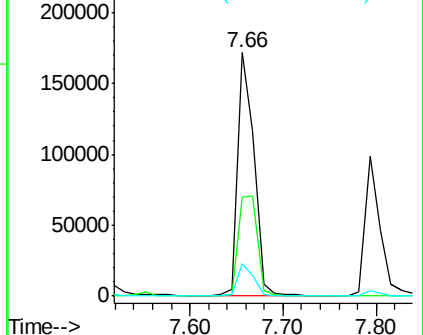


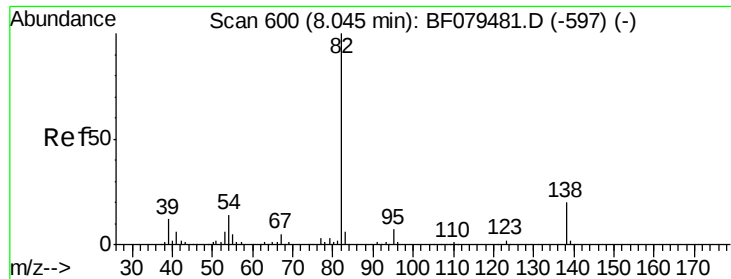
#24
 Nitrobenzene
 Concen: 45.78 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.0	46.4
65	13.2	10.6	15.8



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: 48.03 ng

RT: 7.96 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

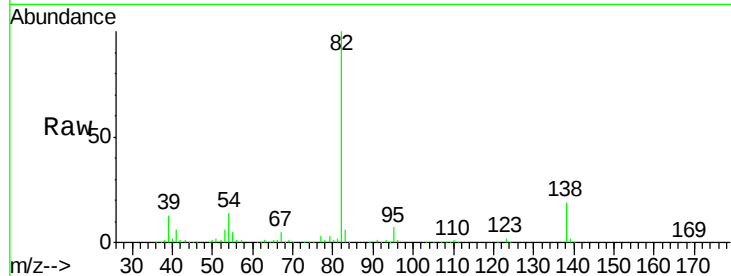
Tgt Ion: 82 Resp: 405043

Ion Ratio Lower Upper

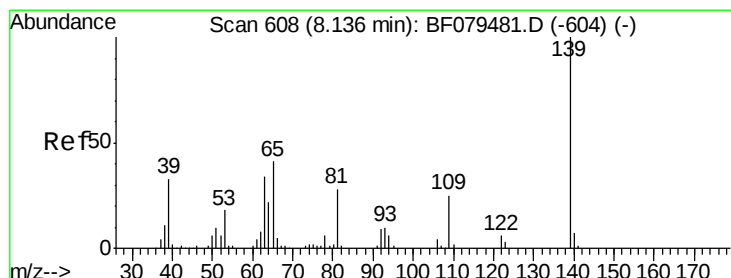
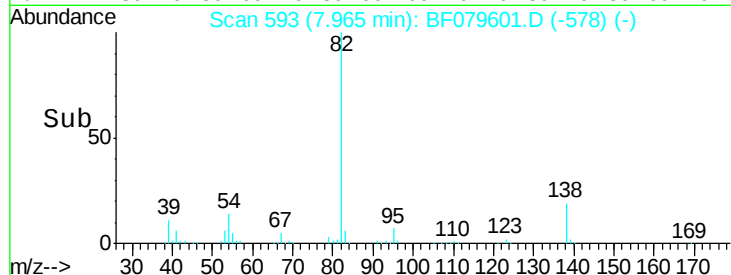
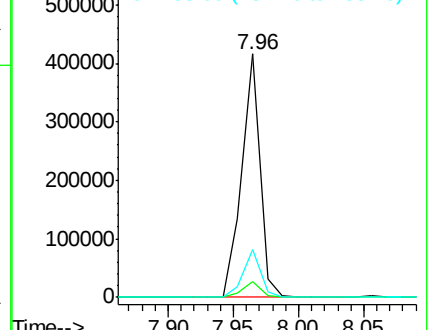
82 100

95 6.7 5.5 8.3

138 19.5 16.1 24.1



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: 51.93 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

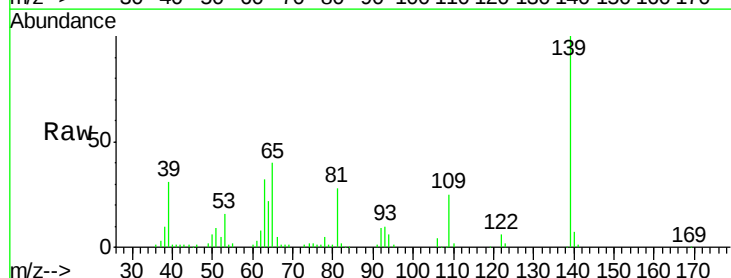
Tgt Ion: 139 Resp: 112132

Ion Ratio Lower Upper

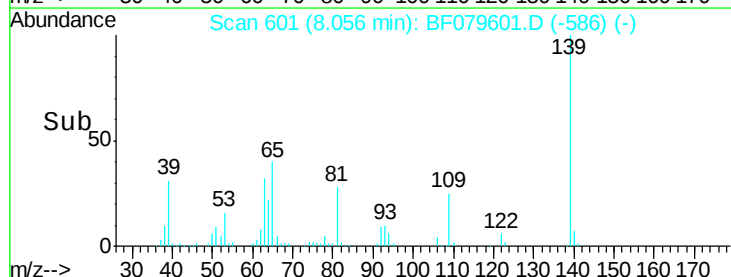
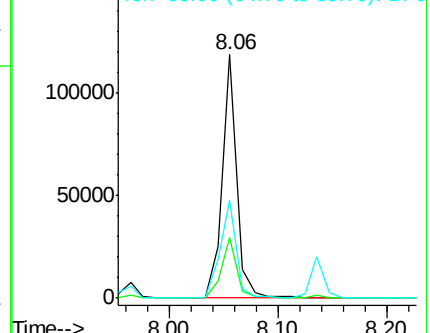
139 100

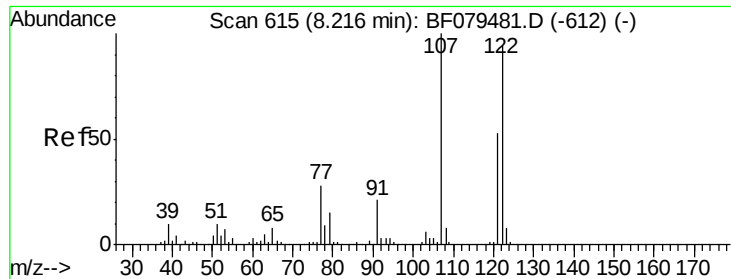
109 25.0 20.2 30.2

65 40.0 32.5 48.7



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

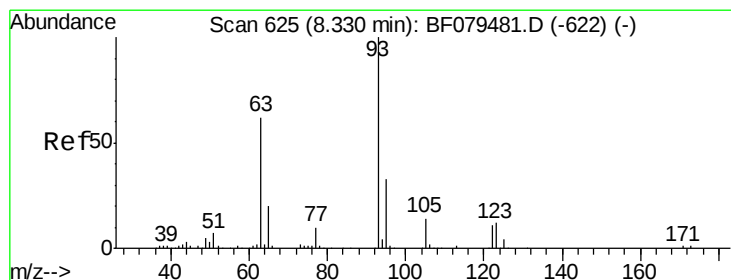
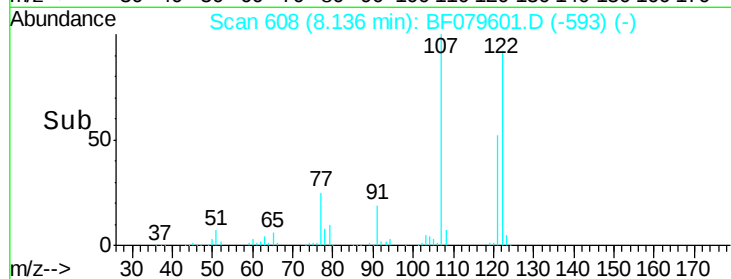
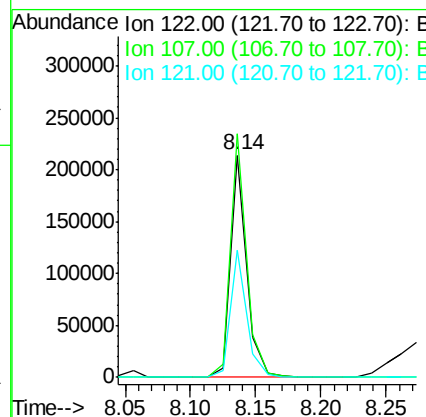
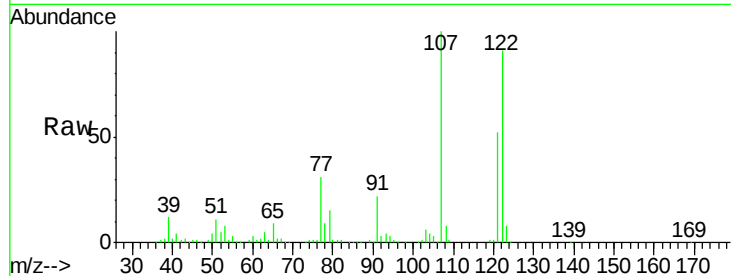




#27
 2,4-Dimethylphenol
 Concen: 47.77 ng
 RT: 8.14 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

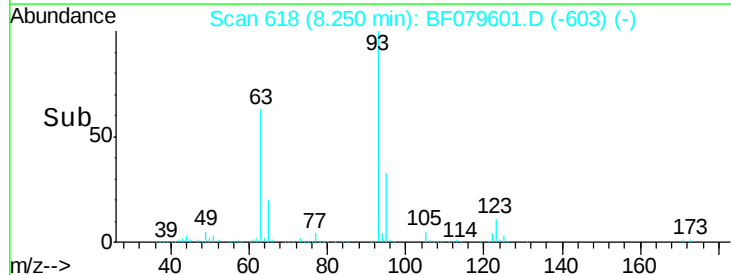
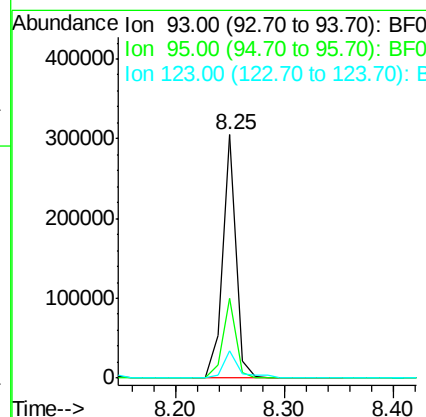
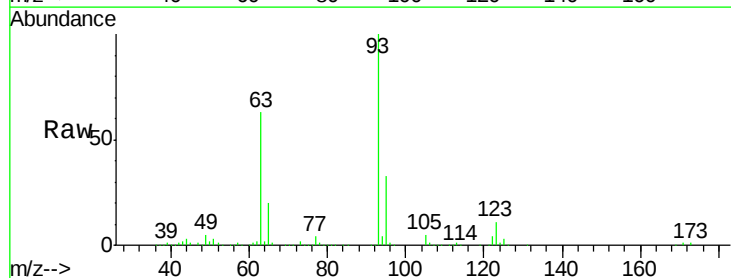
Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

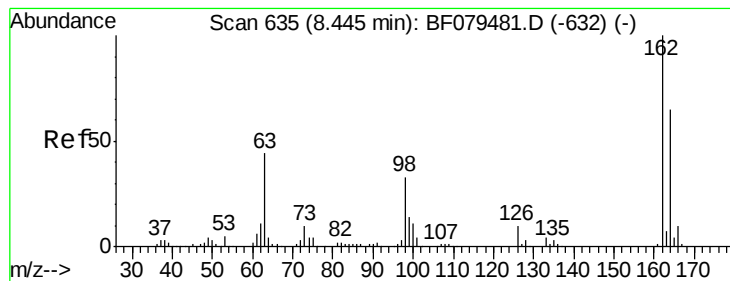
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.6	85.2	127.8
121	57.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.56 ng
 RT: 8.25 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	39.8
123	11.2	9.4	14.0

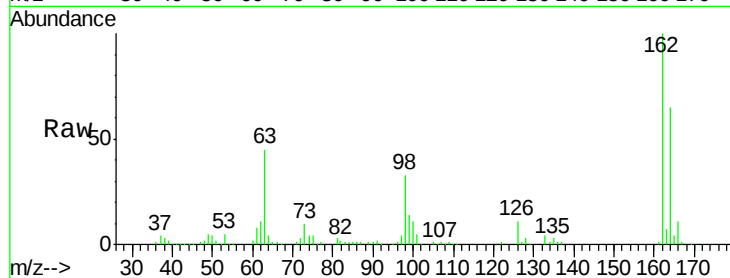




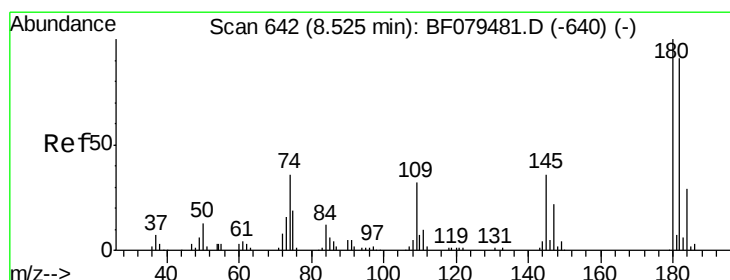
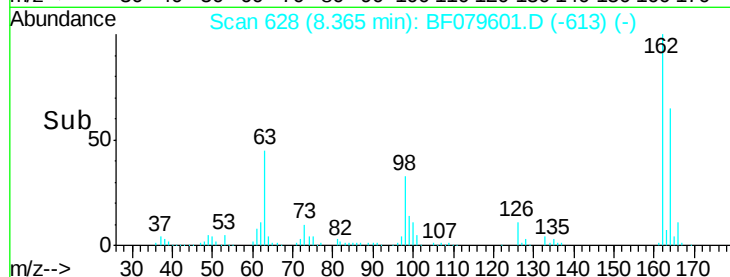
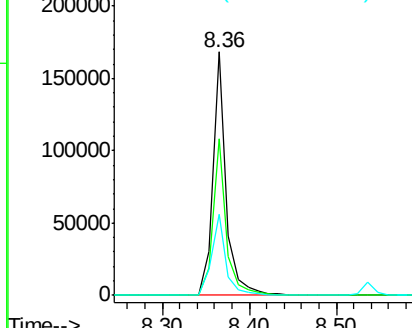
#29
 2,4-Dichlorophenol
 Concen: 50.58 ng
 RT: 8.36 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.0	85.0
98	33.1	13.2	53.2

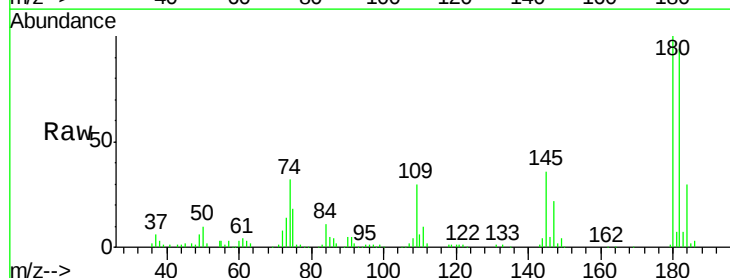


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

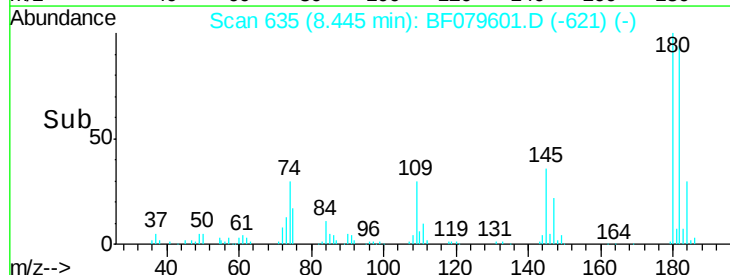
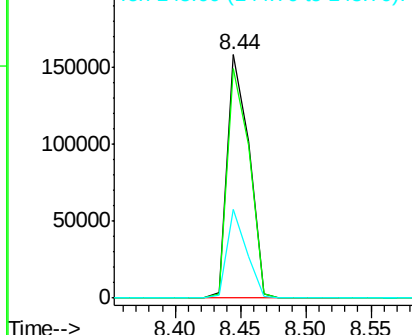


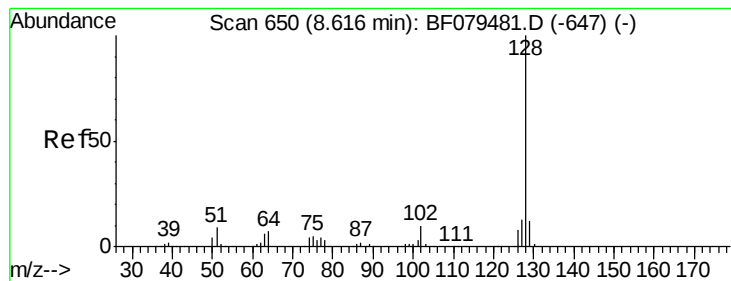
#30
 1,2,4-Trichlorobenzene
 Concen: 49.90 ng
 RT: 8.44 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	73.2	109.8
145	36.4	28.9	43.3



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: 48.74 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

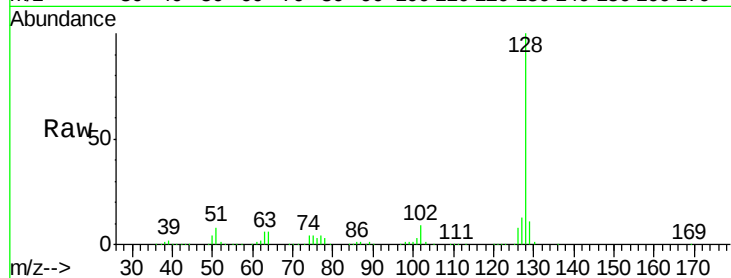
Tgt Ion:128 Resp: 625583

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

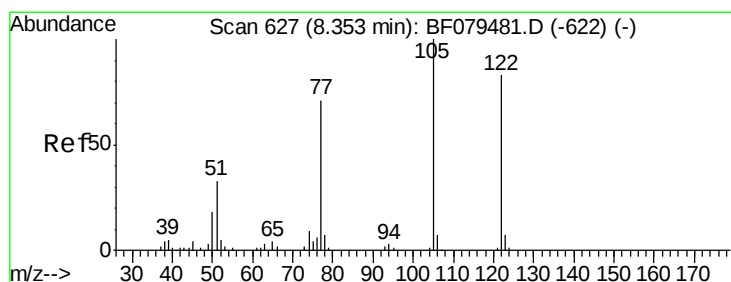
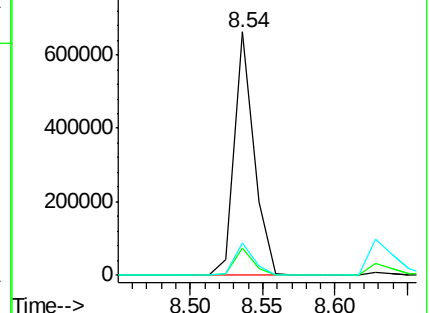
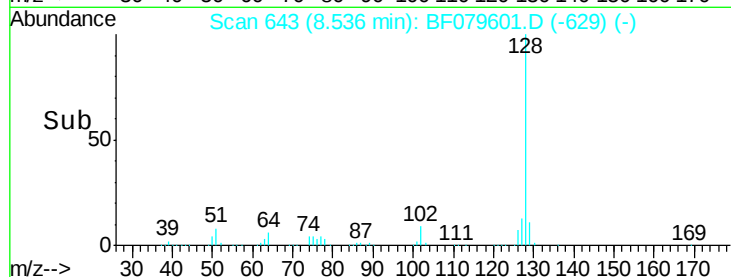
127 13.3 10.6 15.8



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: 37.74 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

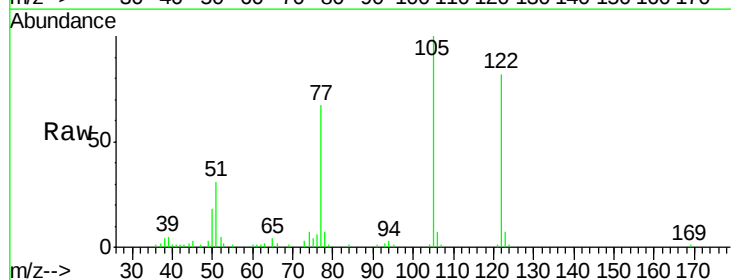
Tgt Ion:122 Resp: 90906

Ion Ratio Lower Upper

122 100

105 122.3 100.2 140.2

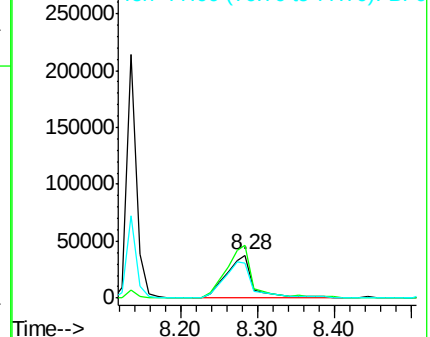
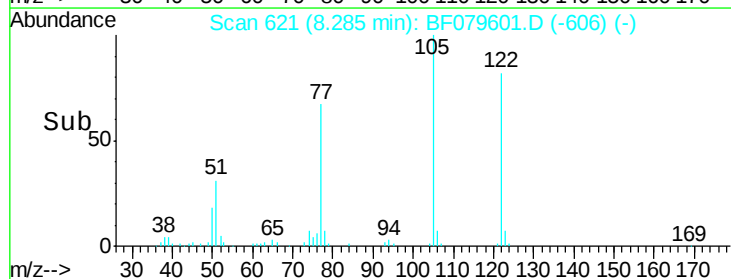
77 81.4 64.8 104.8

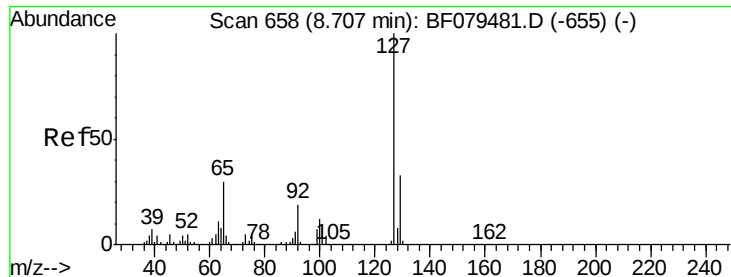


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

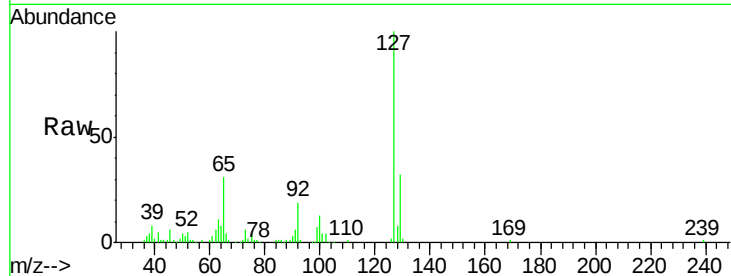




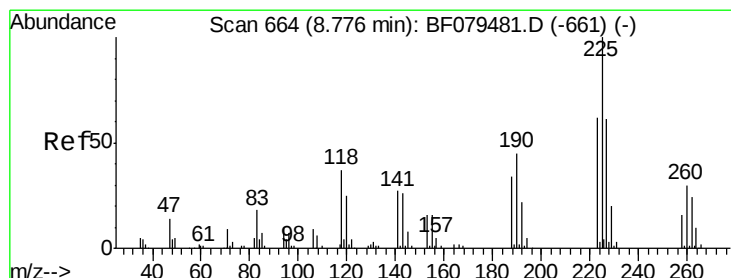
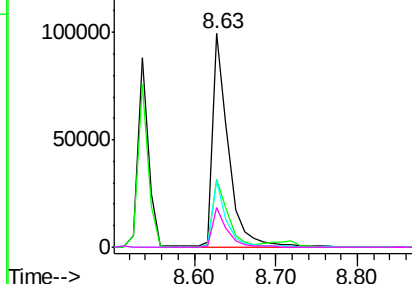
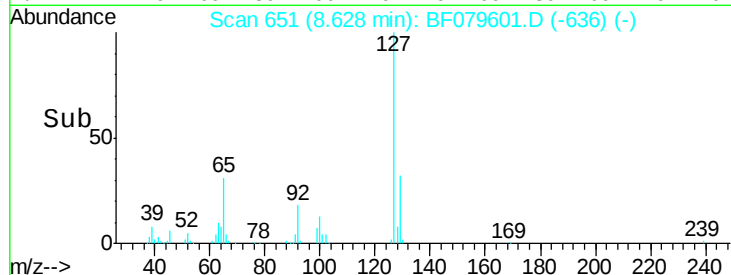
#33
4-Chloroaniline
Concen: 25.07 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

Tgt Ion:	127	Resp:	134451
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	30.9	24.2	36.4
92	18.8	15.4	23.0

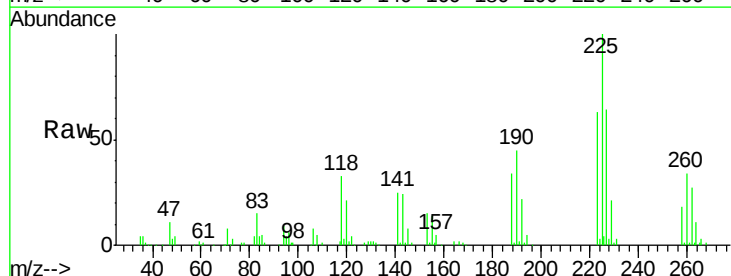


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

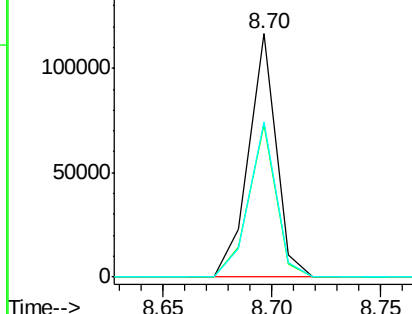
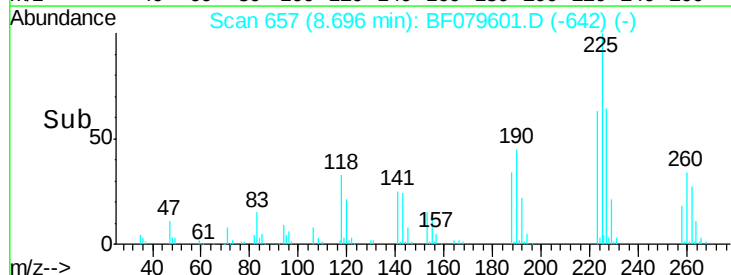


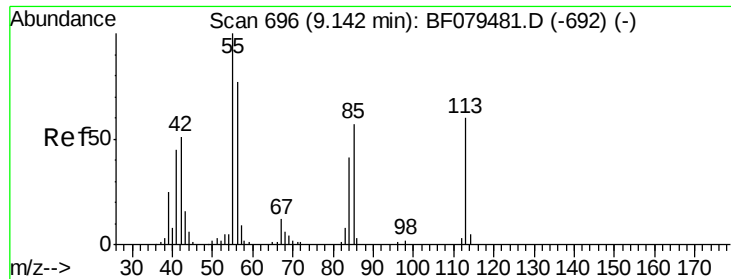
#34
Hexachlorobutadiene
Concen: 49.10 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:	225	Resp:	102989
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	63.8	48.9	73.3



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

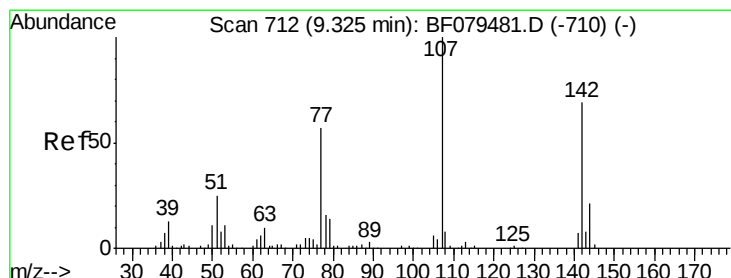
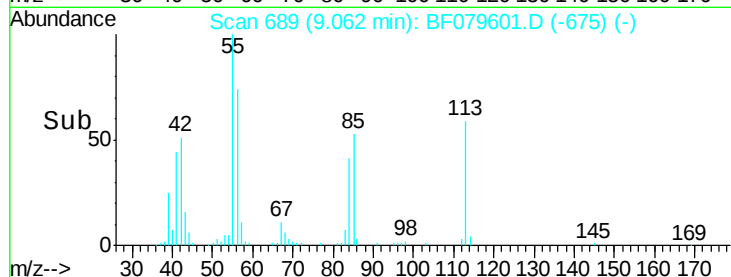
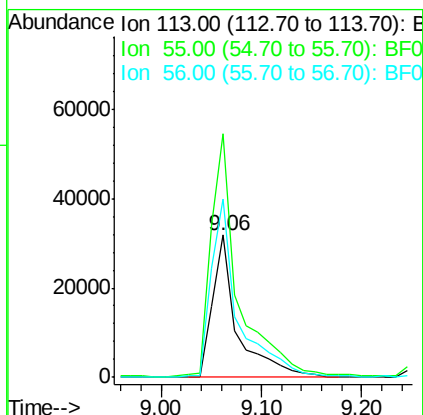
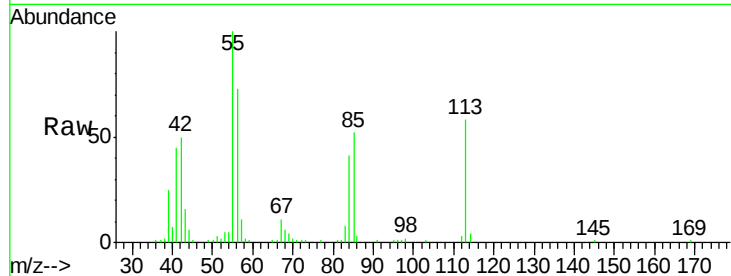




#35
 Caprolactam
 Concen: 48.48 ng
 RT: 9.06 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

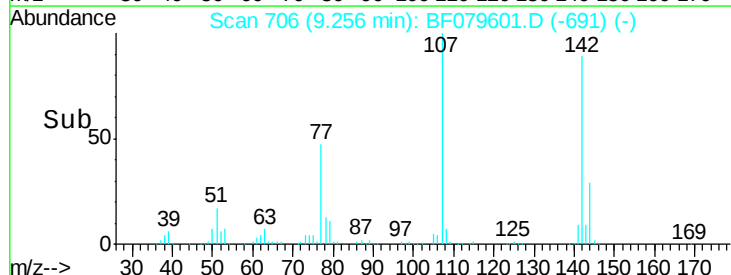
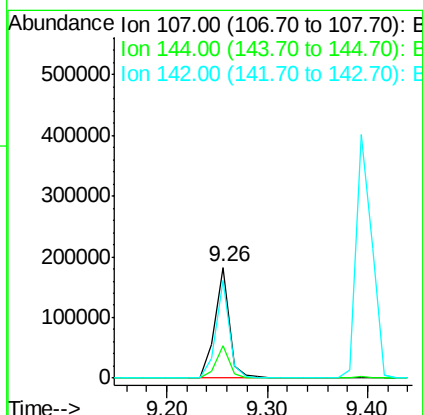
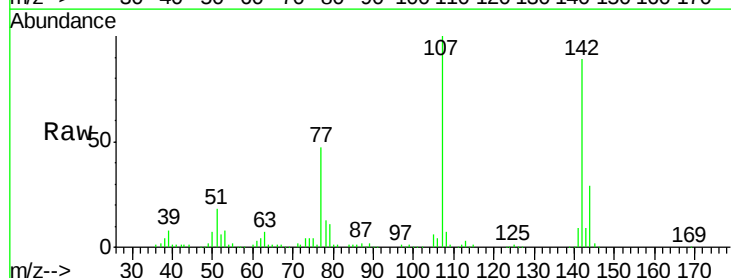
Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

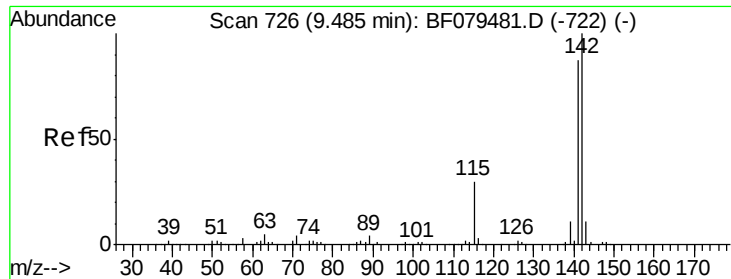
Tgt Ion:113 Resp: 54349
 Ion Ratio Lower Upper
 113 100
 55 171.2 147.2 187.2
 56 125.8 108.6 148.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.66 ng
 RT: 9.26 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion:107 Resp: 183122
 Ion Ratio Lower Upper
 107 100
 144 29.0 16.9 25.3#
 142 88.5 55.2 82.8#

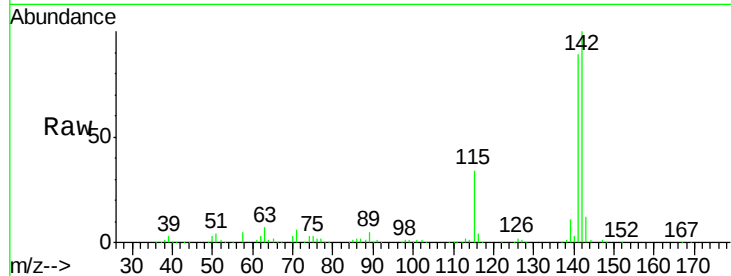




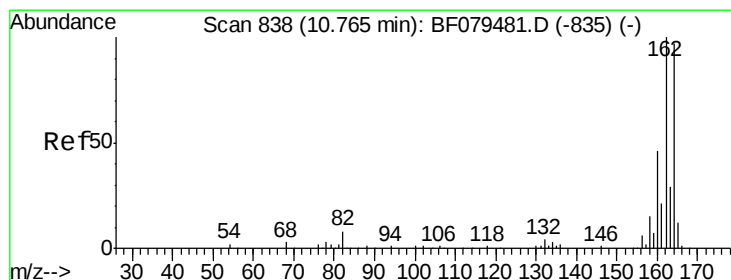
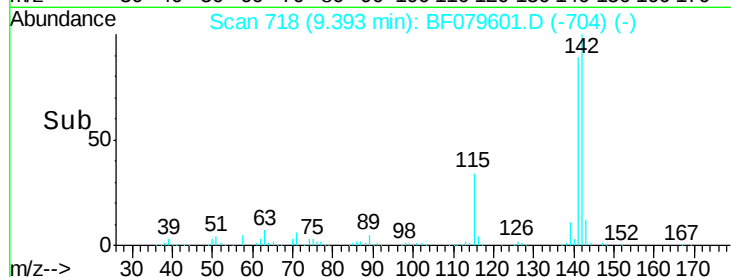
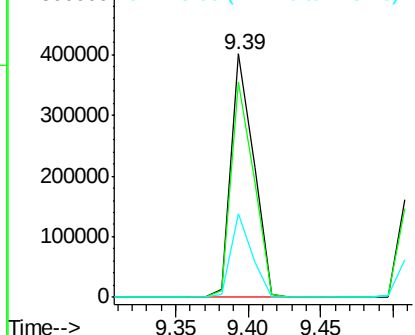
#37
2-Methylnaphthalene
Concen: 48.89 ng
RT: 9.39 min Scan# 718
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

Tgt Ion:142 Resp: 435644
Ion Ratio Lower Upper
142 100
141 88.6 69.5 104.3
115 34.4 23.8 35.6

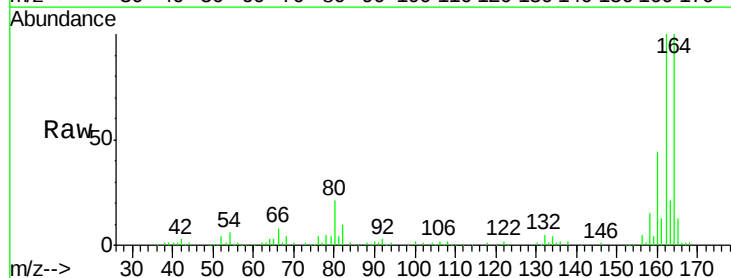


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

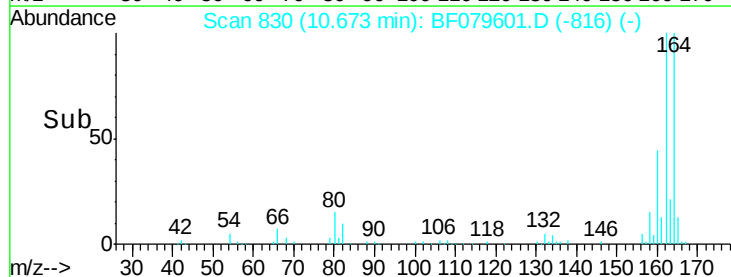
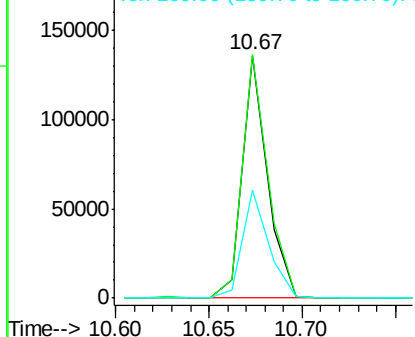


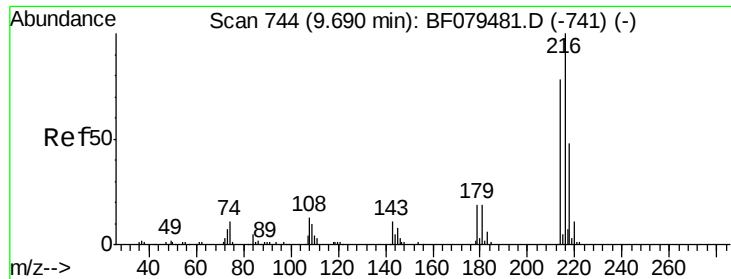
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:164 Resp: 126847
Ion Ratio Lower Upper
164 100
162 100.3 82.6 124.0
160 44.6 37.7 56.5



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: 49.06 ng

RT: 9.60 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

Tgt Ion:216 Resp: 174068

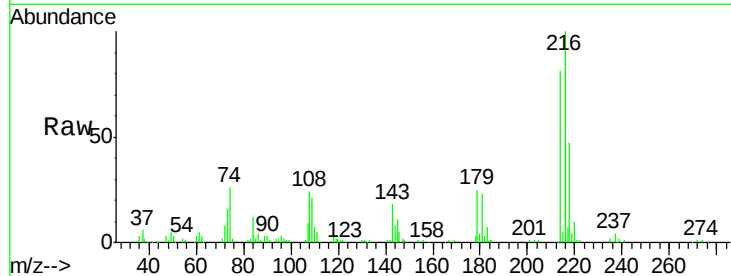
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 21.9 0.0 0.0#

108 21.8 0.0 0.0#

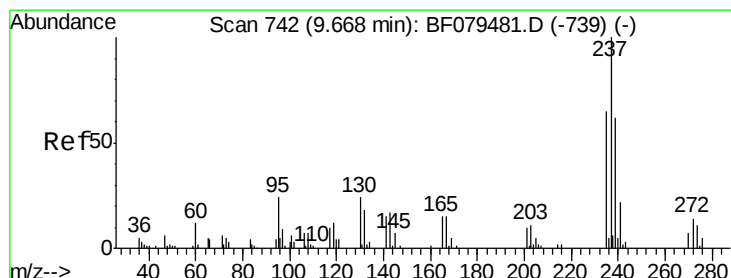
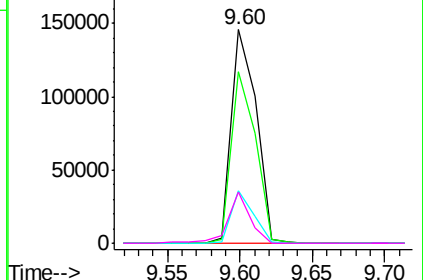
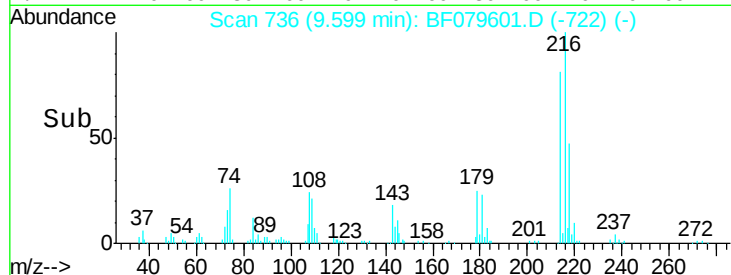


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.72 ng

RT: 9.59 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

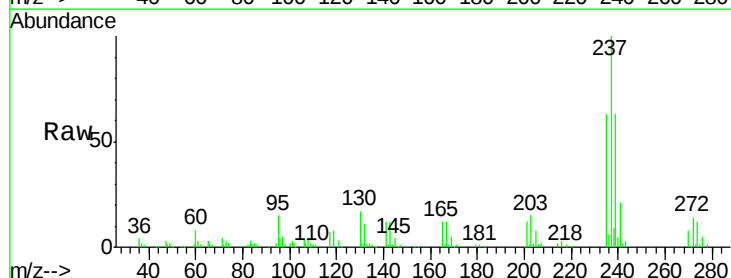
Tgt Ion:237 Resp: 92042

Ion Ratio Lower Upper

237 100

235 62.6 45.0 85.0

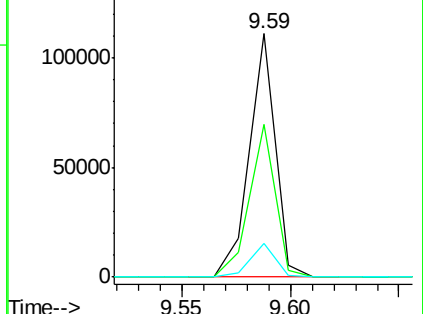
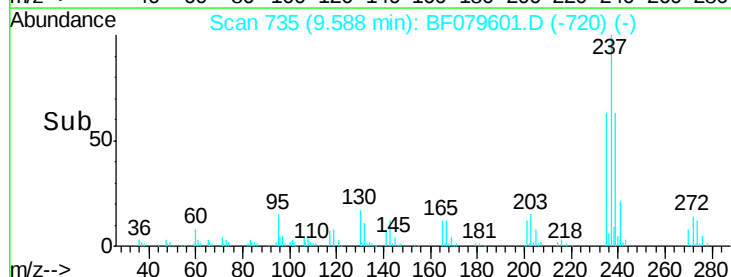
272 14.1 0.0 33.9

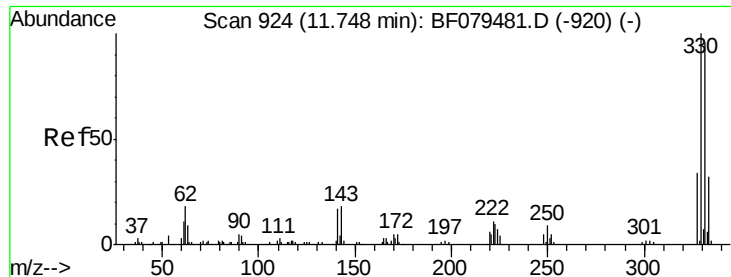


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

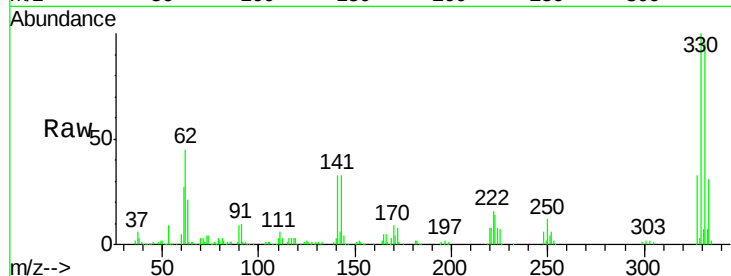




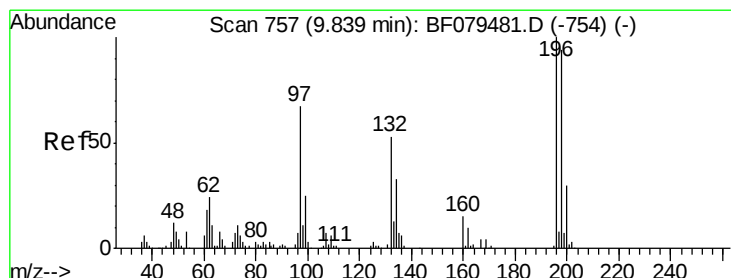
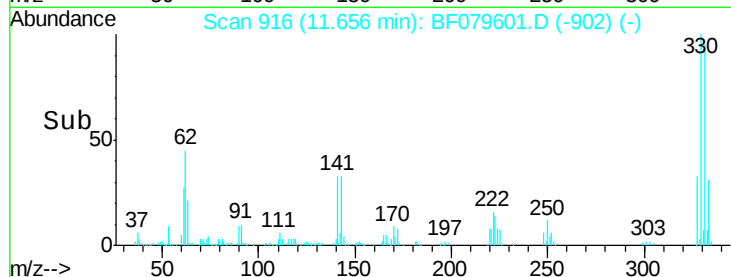
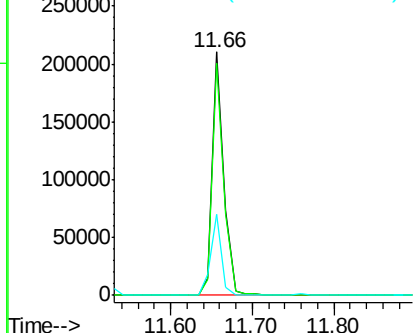
#41
 2,4,6-Tribromophenol
 Concen: 151.86 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Tgt Ion:330 Resp: 211578
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 31.9 0.0 0.0#

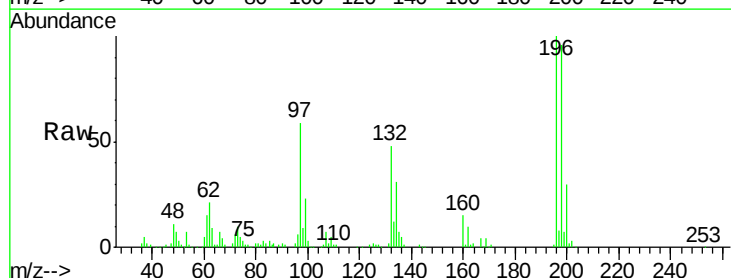


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

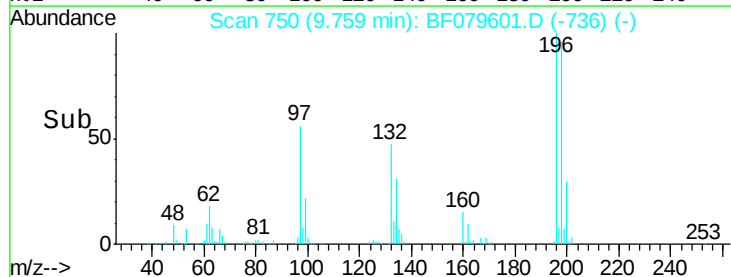
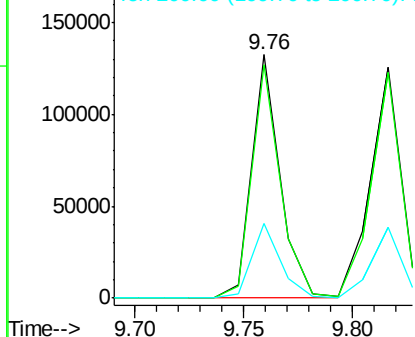


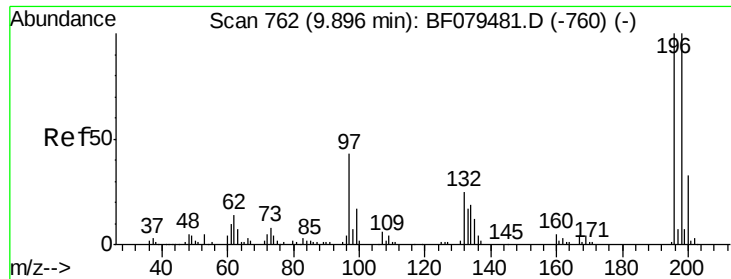
#42
 2,4,6-Trichlorophenol
 Concen: 48.53 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion:196 Resp: 120225
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.3 112.9
 200 30.4 23.8 35.8



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

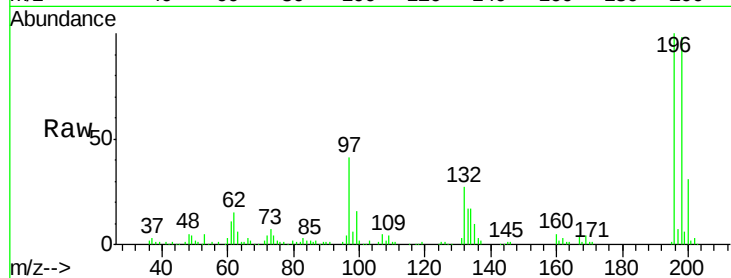




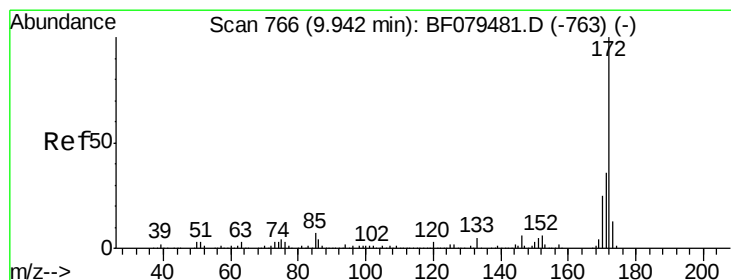
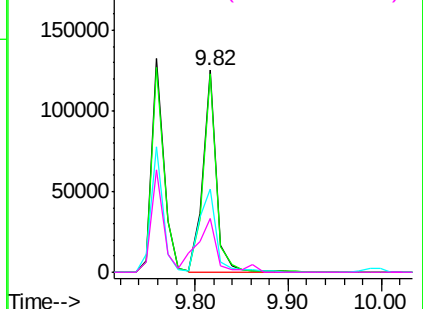
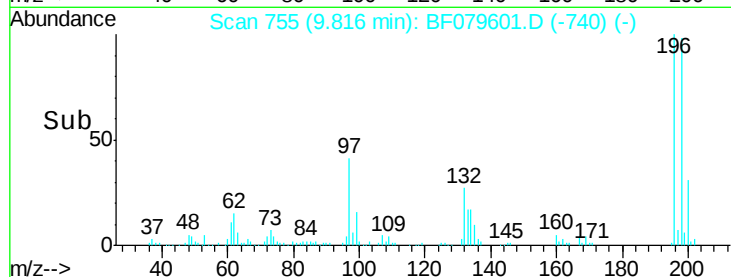
#43
 2,4,5-Trichlorophenol
 Concen: 52.53 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Tgt Ion:	196	Resp:	129539
Ion	Ratio	Lower	Upper
196	100		
198	98.0	80.3	120.5
97	41.1	34.8	52.2
132	26.5	20.6	31.0

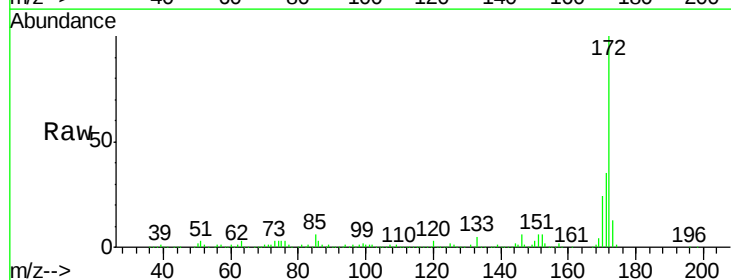


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

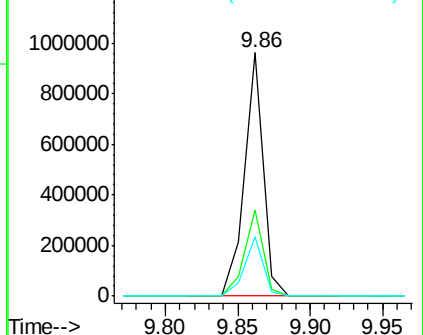
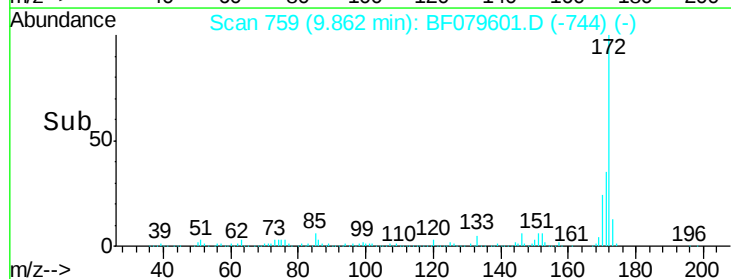


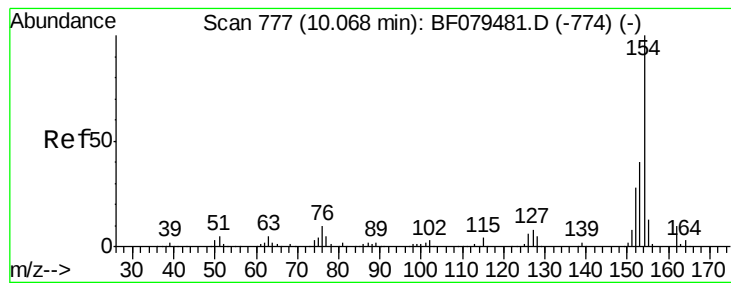
#44
 2-Fluorobiphenyl
 Concen: 96.95 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion:	172	Resp:	861951
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.4	19.7	29.5



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: 49.73 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

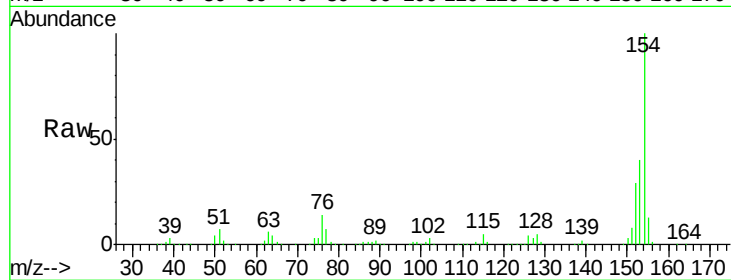
Tgt Ion:154 Resp: 492685

Ion Ratio Lower Upper

154 100

153 40.3 19.5 59.5

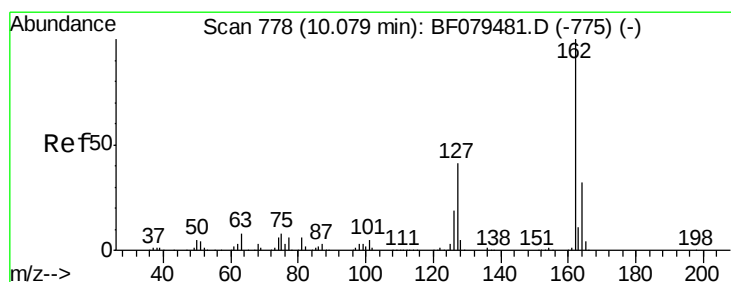
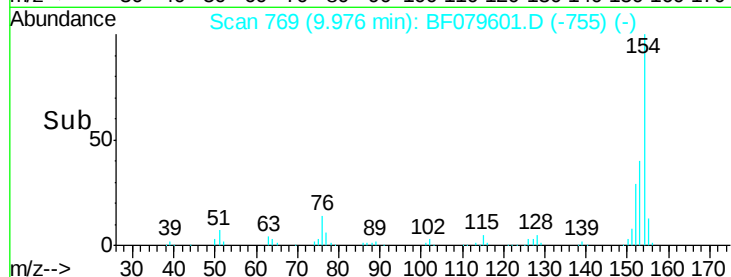
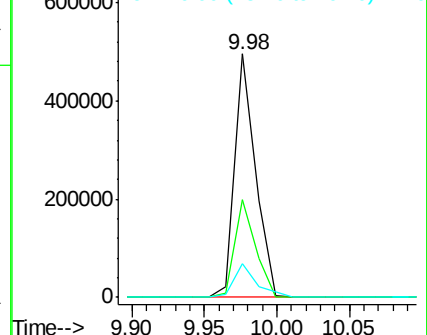
76 14.0 0.0 29.6



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: 49.98 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

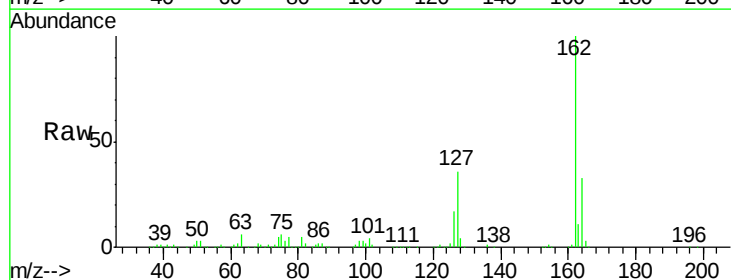
Tgt Ion:162 Resp: 391084

Ion Ratio Lower Upper

162 100

127 35.7 32.7 49.1

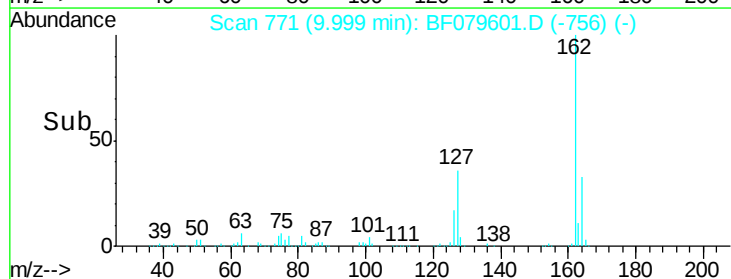
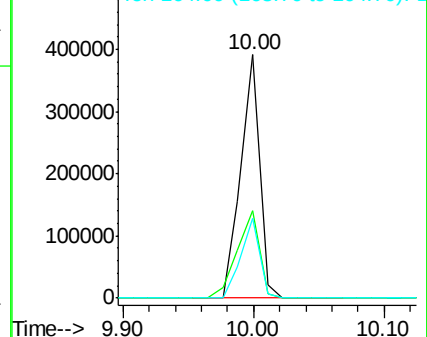
164 32.8 25.8 38.6

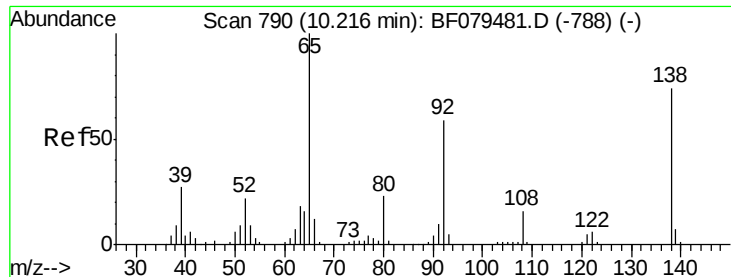


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.67 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

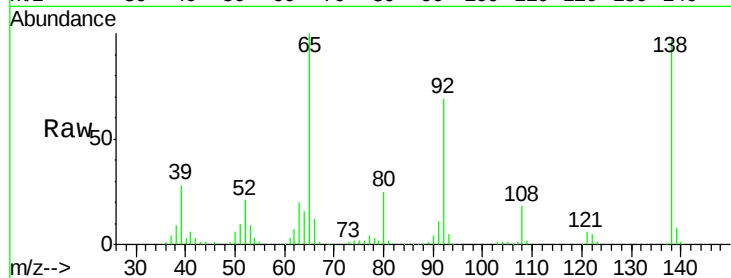
Tgt Ion: 65 Resp: 108589

Ion Ratio Lower Upper

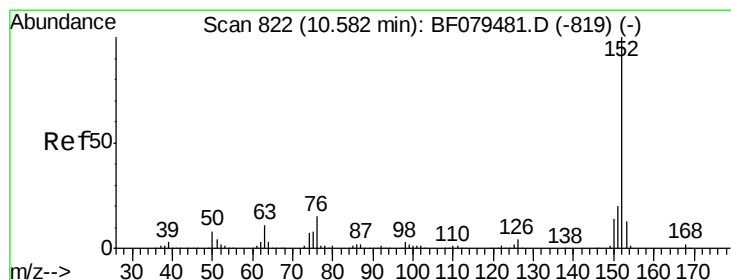
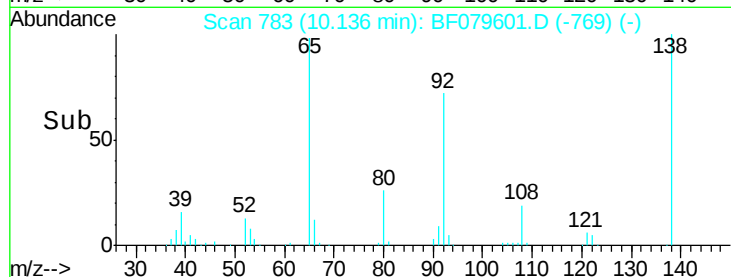
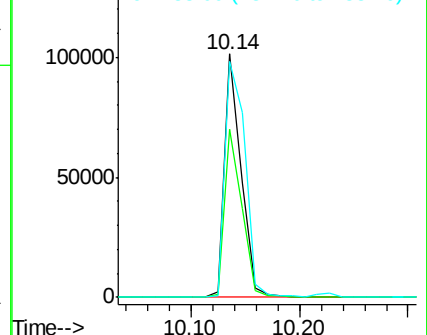
65 100

92 69.1 47.2 70.8

138 96.8 59.2 88.8#



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



#48

Acenaphthylene

Concen: 49.00 ng

RT: 10.50 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

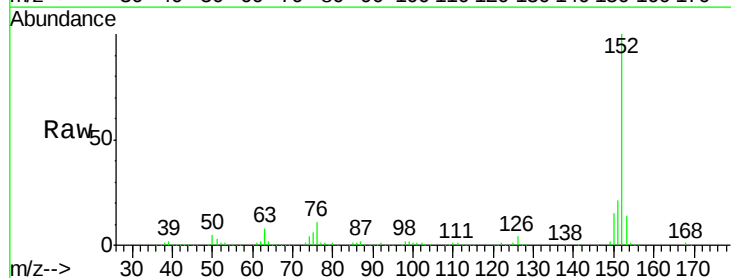
Tgt Ion: 152 Resp: 636387

Ion Ratio Lower Upper

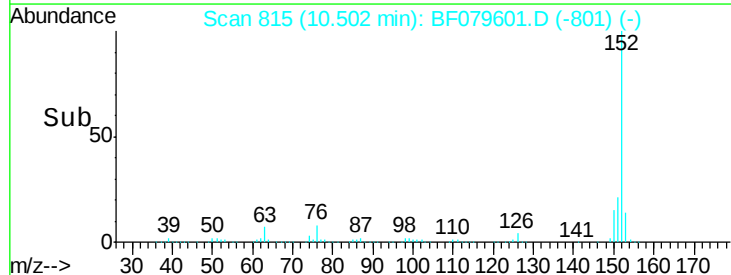
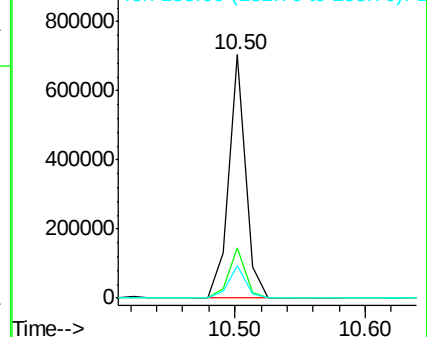
152 100

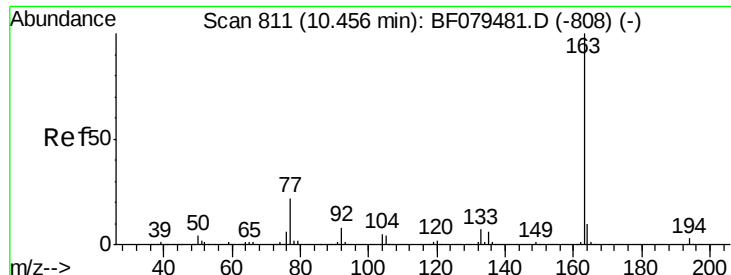
151 20.7 15.8 23.8

153 13.5 10.7 16.1



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

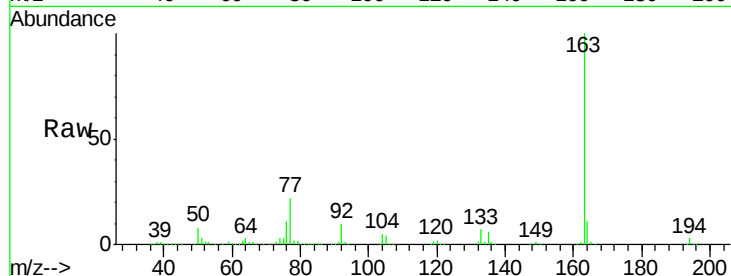




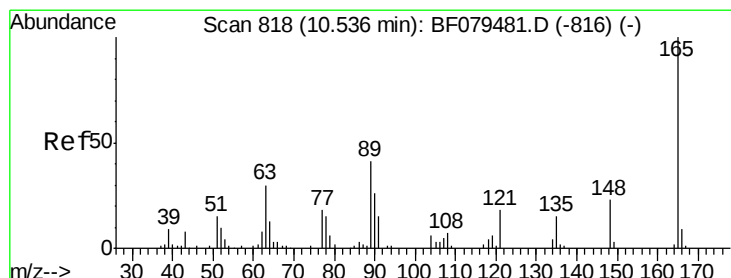
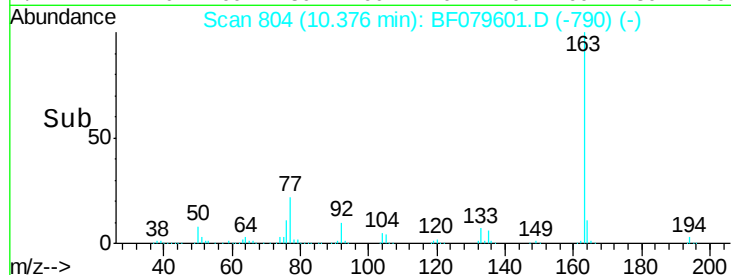
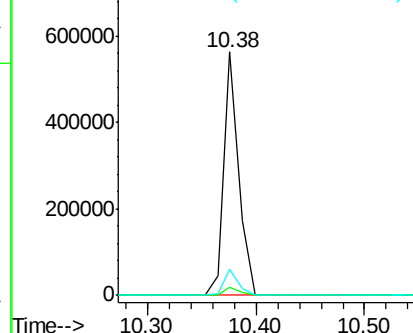
#49
Dimethylphthalate
Concen: 57.55 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

Tgt Ion:163 Resp: 537930
Ion Ratio Lower Upper
163 100
194 3.1 2.4 3.6
164 10.7 8.2 12.4

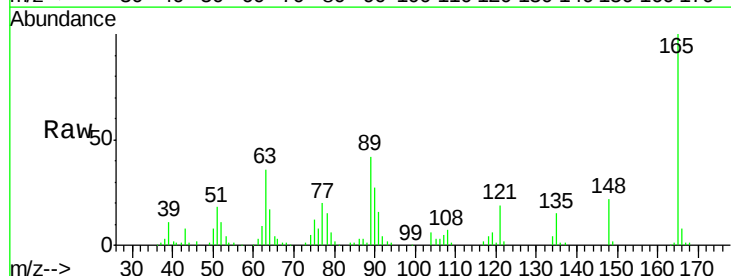


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

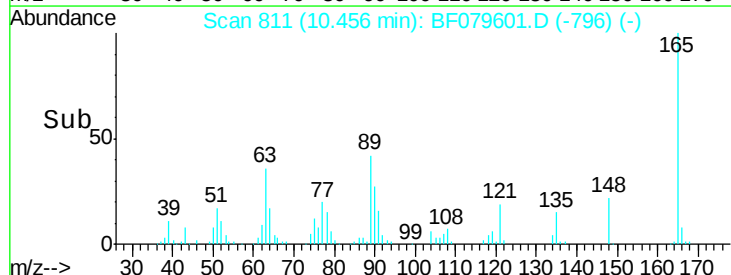
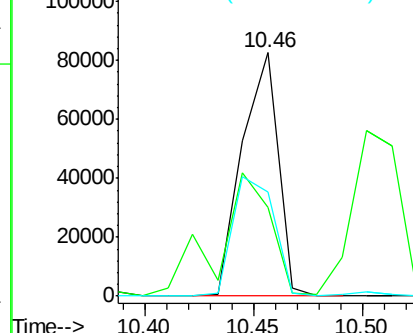


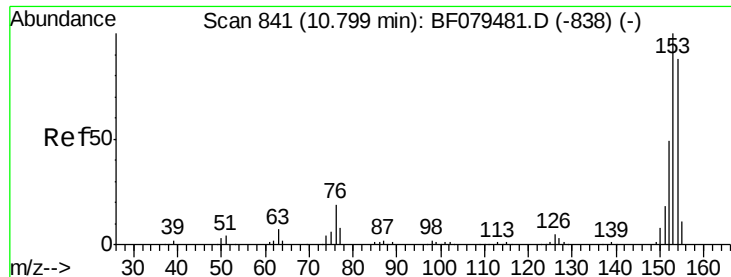
#50
2,6-Dinitrotoluene
Concen: 51.18 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:165 Resp: 95567
Ion Ratio Lower Upper
165 100
63 36.4 27.7 41.5
89 42.5 33.7 50.5



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





#51

Acenaphthene

Concen: 48.77 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

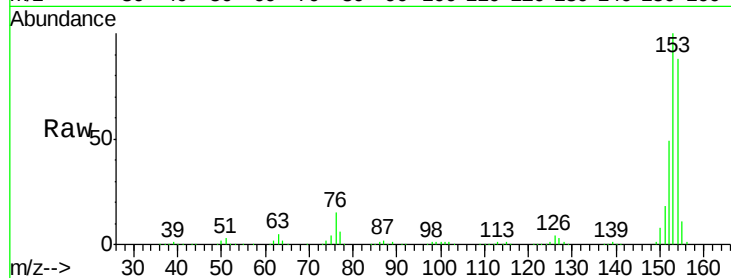
Tgt Ion:154 Resp: 362220

Ion Ratio Lower Upper

154 100

153 113.6 91.1 136.7

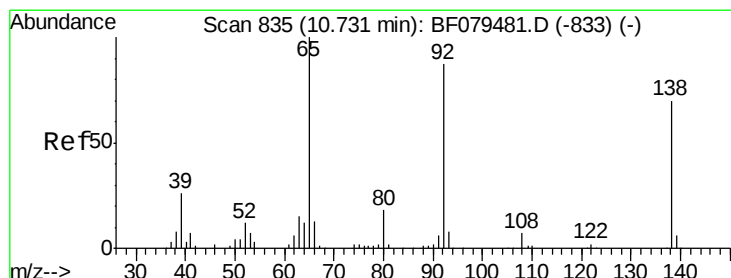
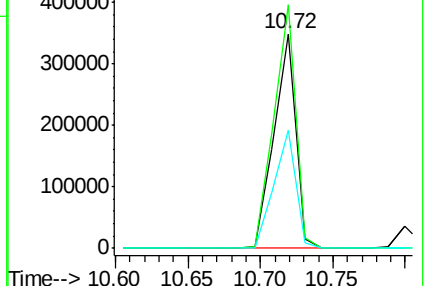
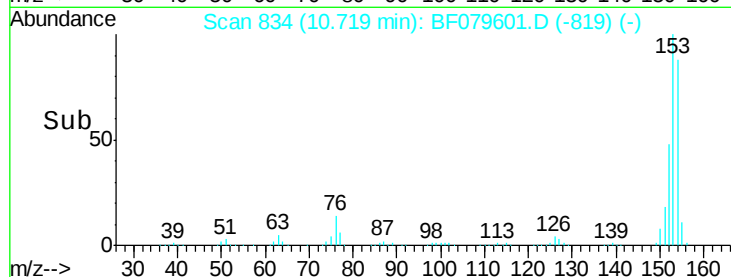
152 55.2 44.6 66.8



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: 32.15 ng

RT: 10.65 min Scan# 828

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

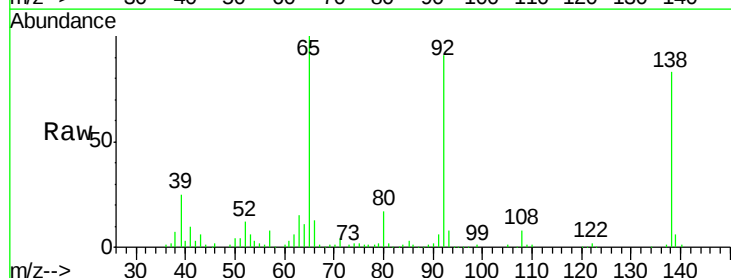
Tgt Ion:138 Resp: 78097

Ion Ratio Lower Upper

138 100

108 9.4 8.0 12.0

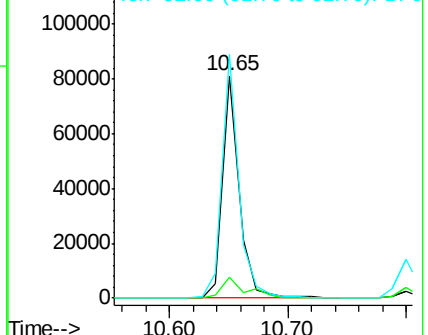
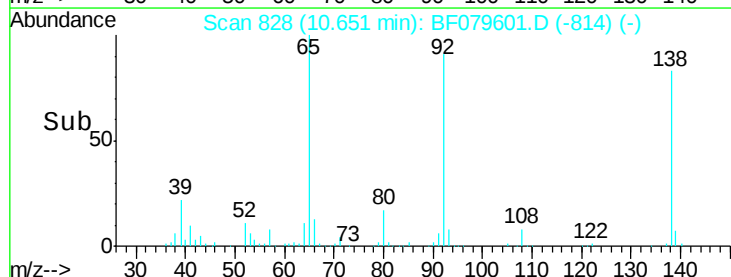
92 109.7 99.9 149.9

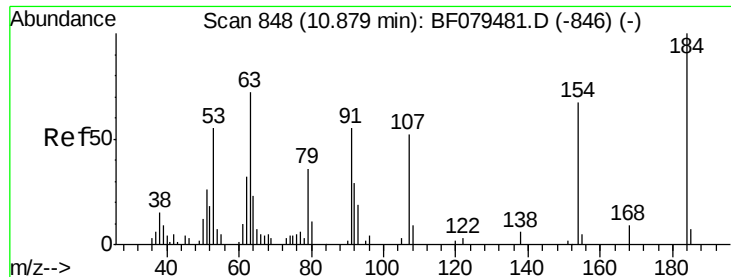


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

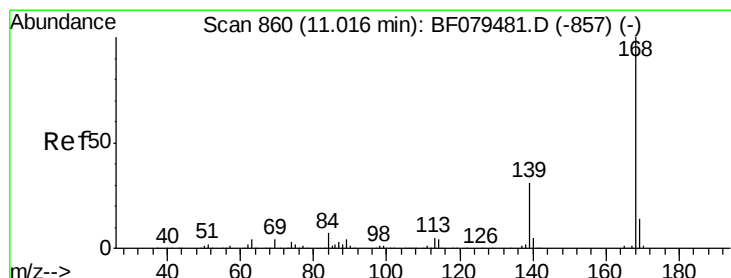
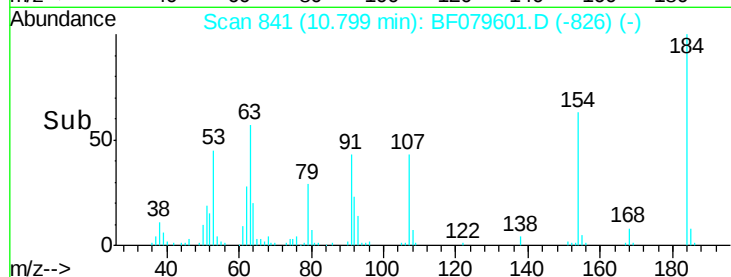
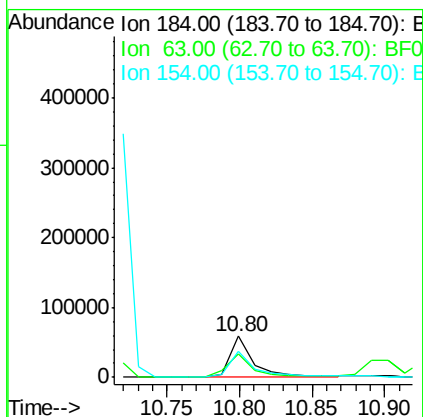
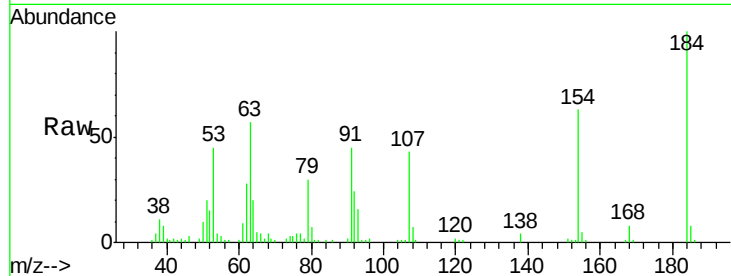




#53
2,4-Dinitrophenol
Concen: 83.98 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

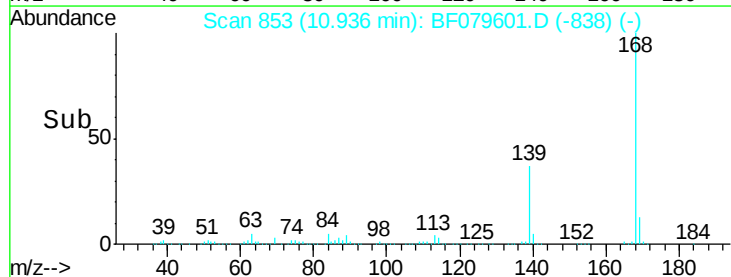
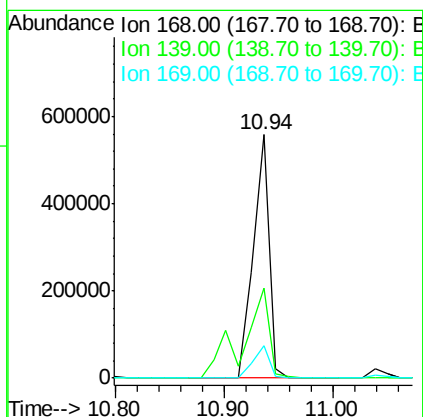
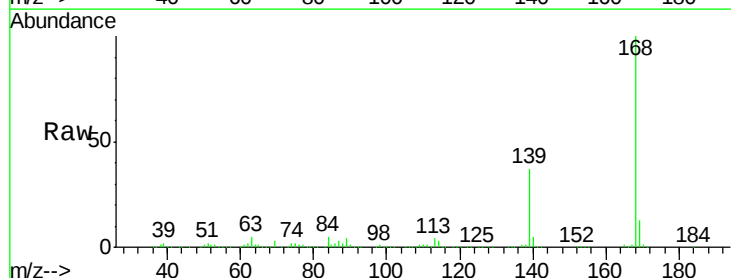
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

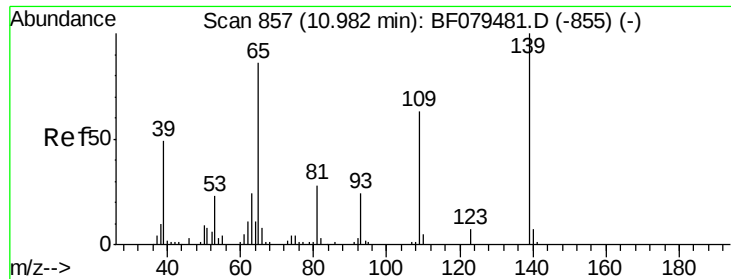
Tgt Ion:184 Resp: 68846
Ion Ratio Lower Upper
184 100
63 56.7 57.7 86.5#
154 62.5 53.4 80.2



#54
Dibenzofuran
Concen: 51.71 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:168 Resp: 566432
Ion Ratio Lower Upper
168 100
139 37.1 32.9 49.3
169 13.3 11.1 16.7





#55

4-Nitrophenol

Concen: 266.04 ng

RT: 10.94 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

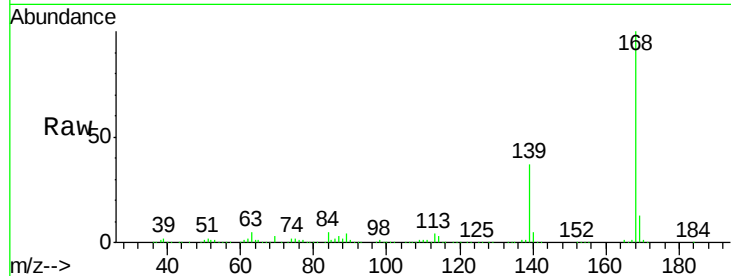
Tgt Ion:139 Resp: 358329

Ion Ratio Lower Upper

139 100

109 2.4 42.8 82.8#

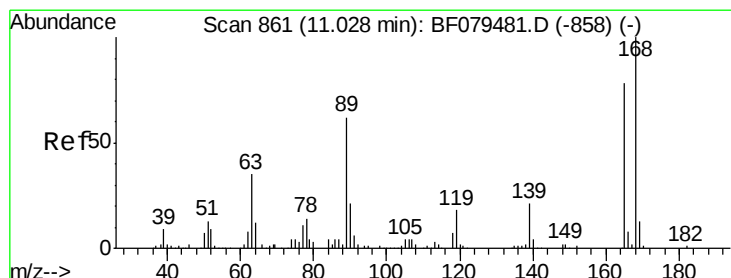
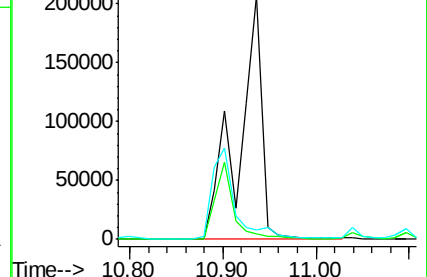
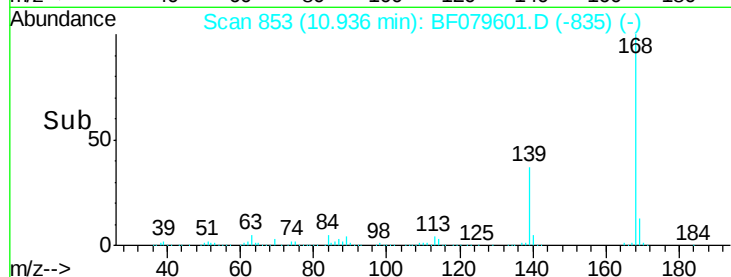
65 3.8 66.3 106.3#



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: 50.39 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Tgt Ion:165 Resp: 126189

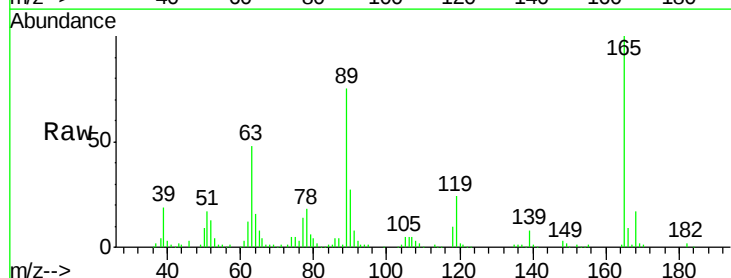
Ion Ratio Lower Upper

165 100

63 47.7 39.5 59.3

89 75.5 64.2 96.4

182 2.0 1.5 2.3

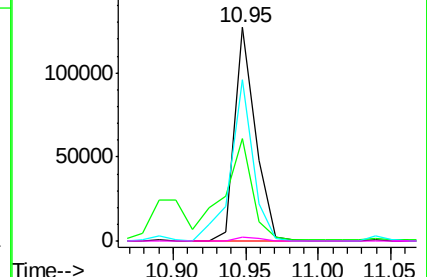
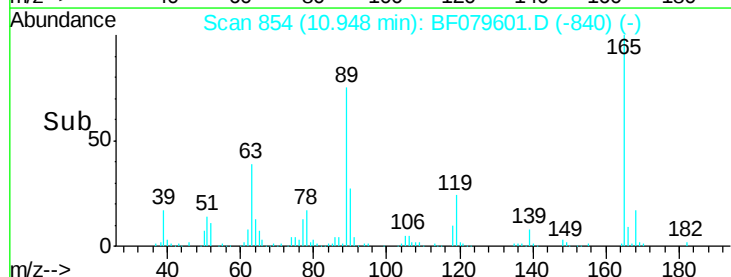


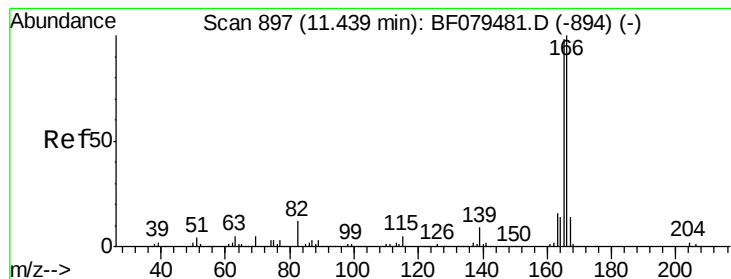
Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.08 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

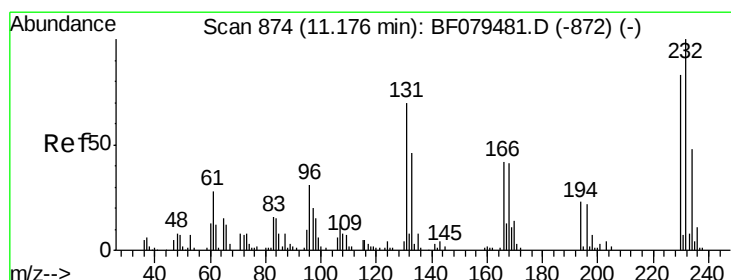
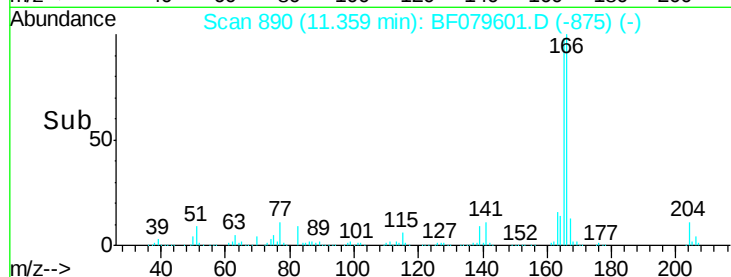
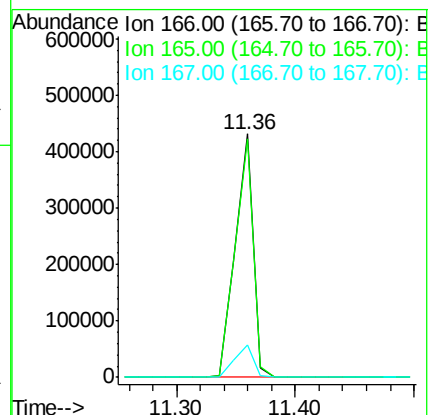
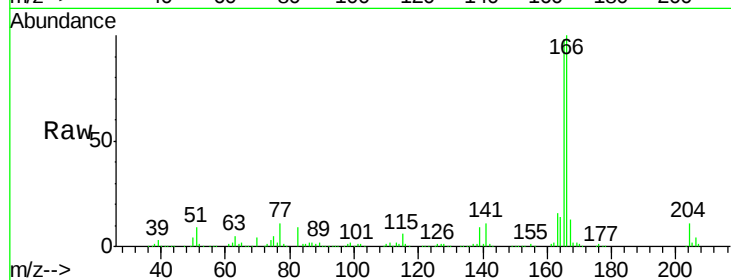
Tgt Ion:166 Resp: 452177

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

167 13.2 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.26 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Tgt Ion:232 Resp: 97377

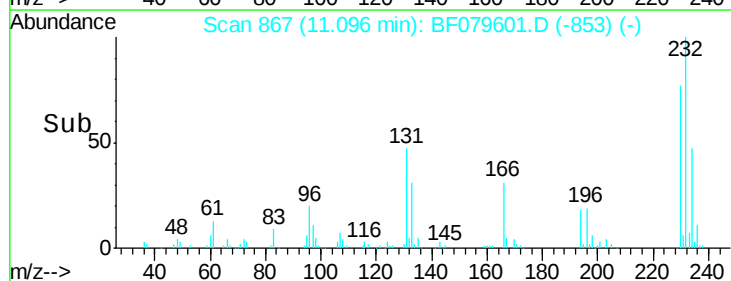
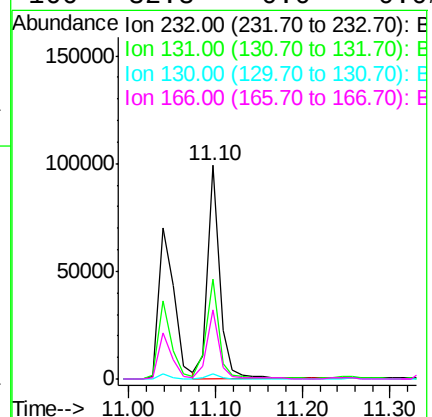
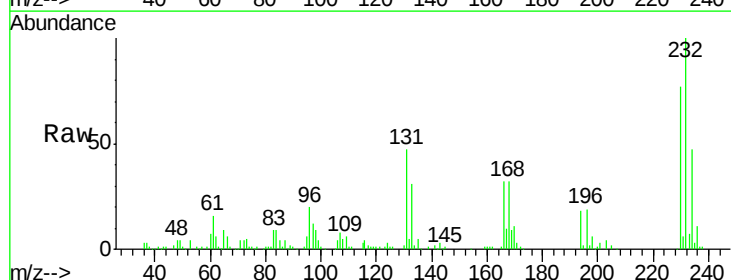
Ion Ratio Lower Upper

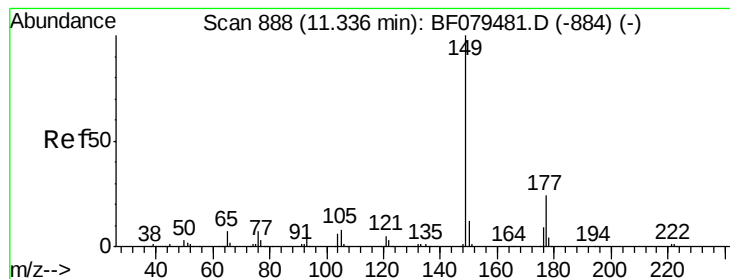
232 100

131 49.0 0.0 0.0#

130 2.4 0.0 0.0#

166 32.8 0.0 0.0#





#59

Diethylphthalate

Concen: 49.10 ng

RT: 11.26 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

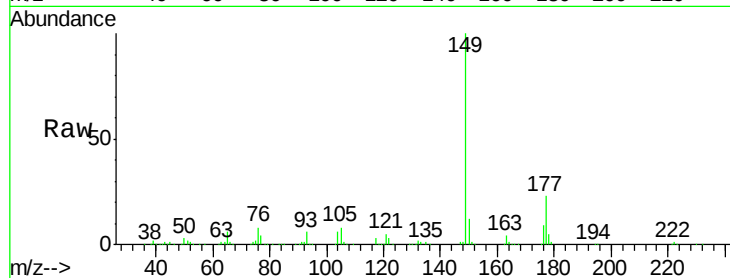
Tgt Ion:149 Resp: 449196

Ion Ratio Lower Upper

149 100

177 23.2 18.9 28.3

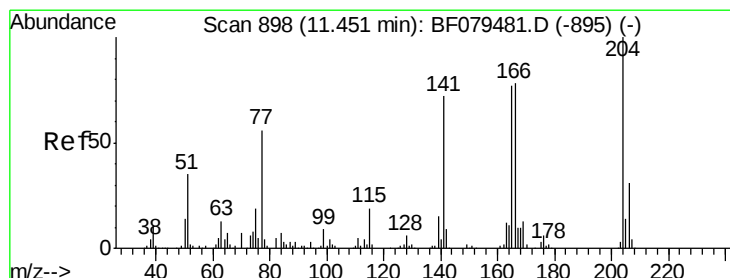
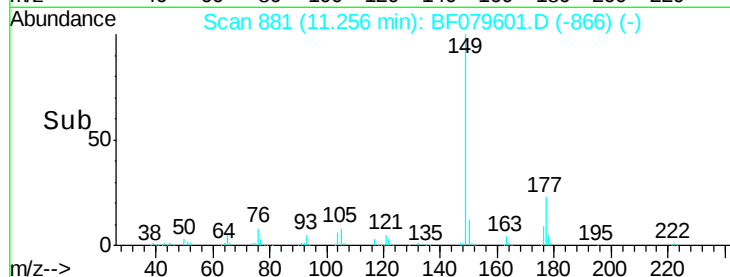
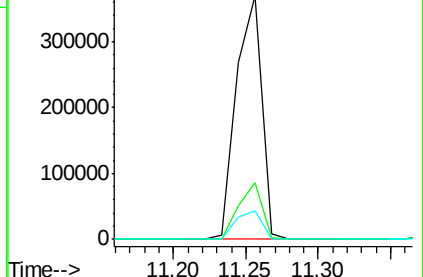
150 11.8 9.8 14.6



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: 51.50 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

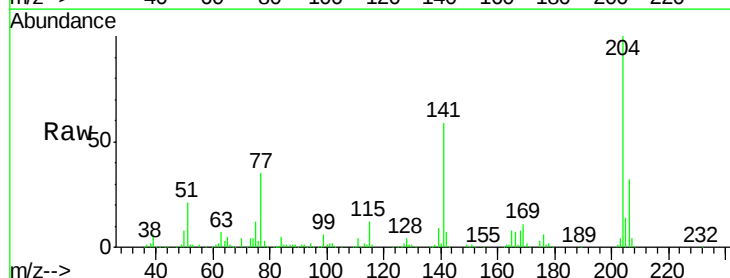
Tgt Ion:204 Resp: 200909

Ion Ratio Lower Upper

204 100

206 32.4 25.0 37.4

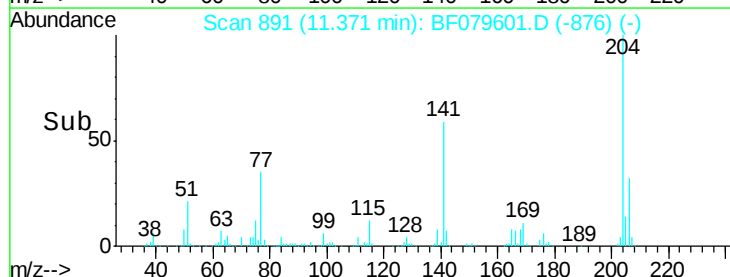
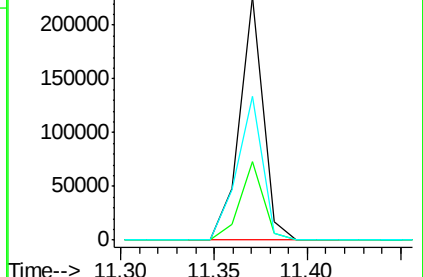
141 59.2 57.4 86.2

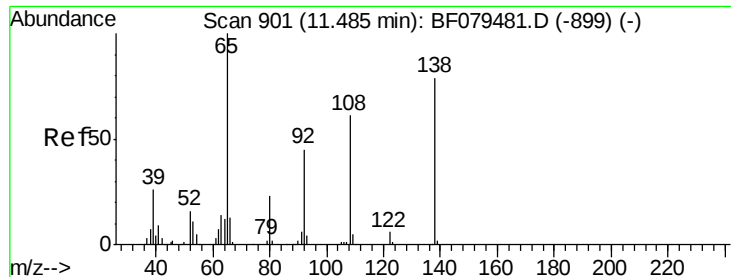


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

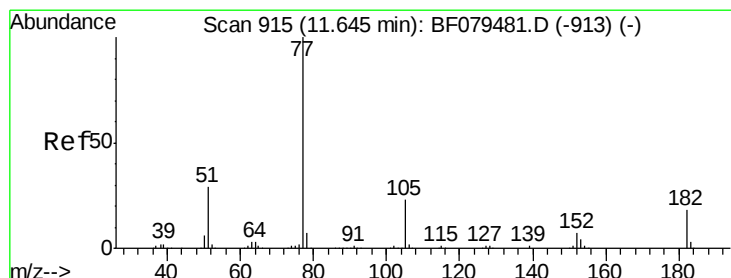
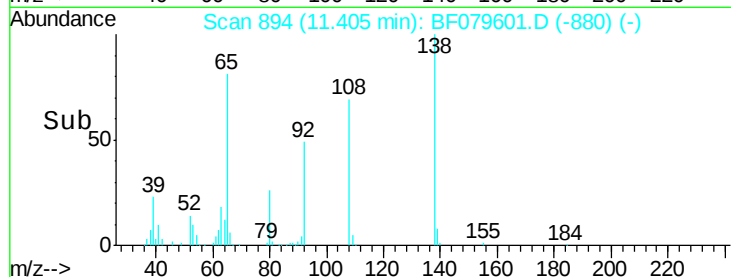
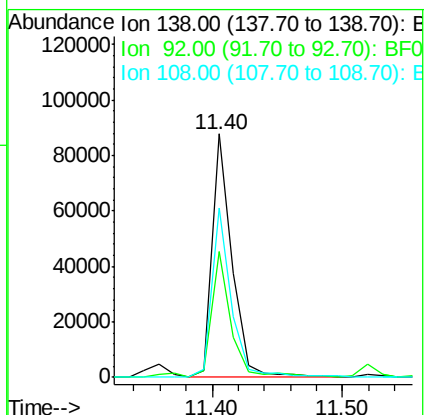
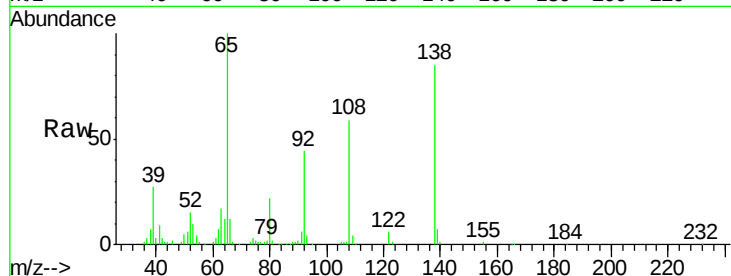




#61
4-Nitroaniline
Concen: 41.57 ng
RT: 11.40 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

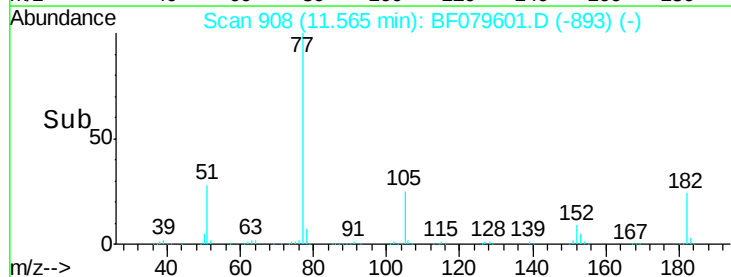
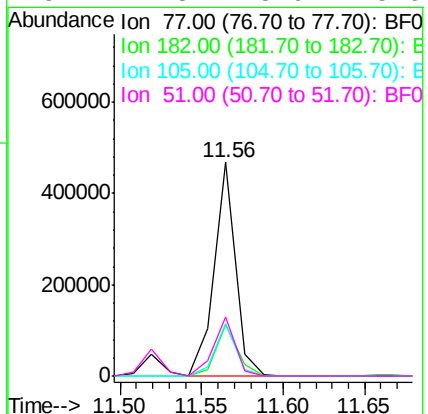
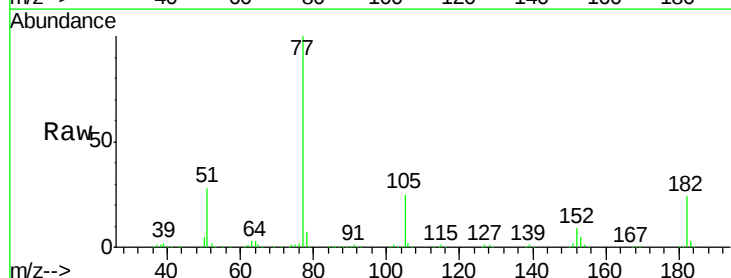
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

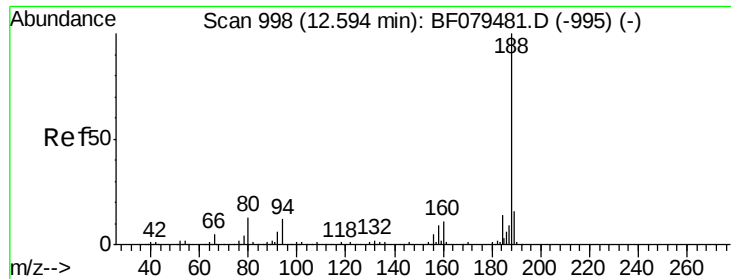
Tgt Ion:138 Resp: 94055
Ion Ratio Lower Upper
138 100
92 51.8 37.2 77.2
108 69.3 57.0 97.0



#62
Azobenzene
Concen: 47.86 ng
RT: 11.56 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion: 77 Resp: 425912
Ion Ratio Lower Upper
77 100
182 24.3 0.0 37.7
105 24.6 2.7 42.7
51 27.8 8.9 48.9

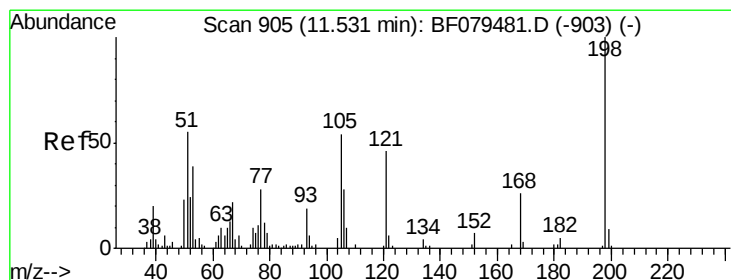
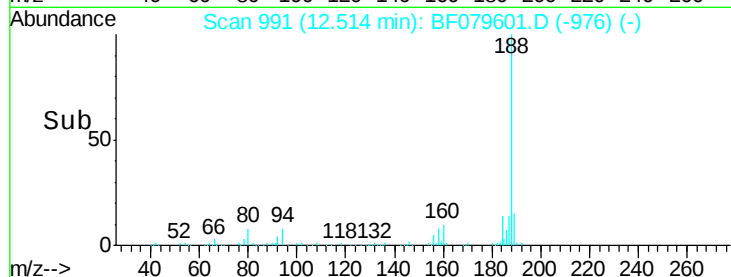
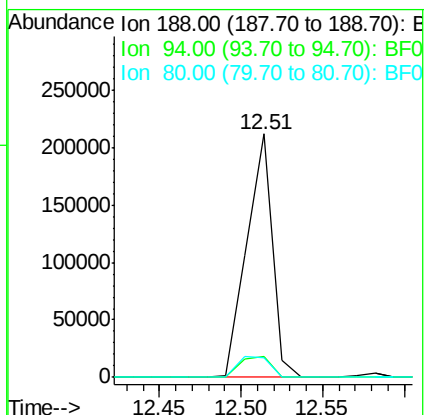
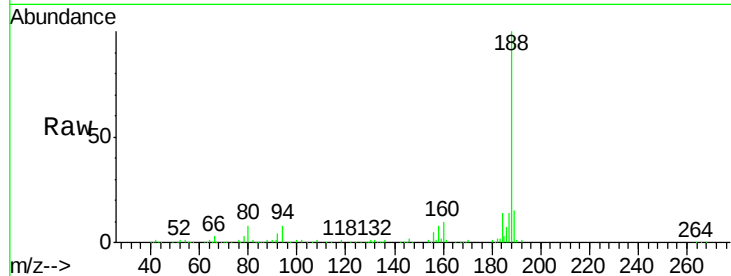




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

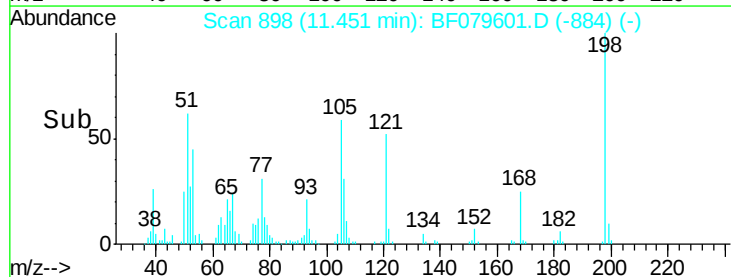
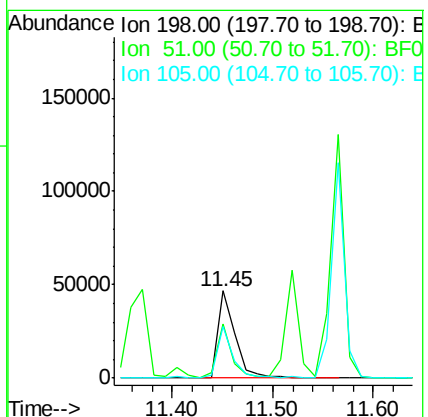
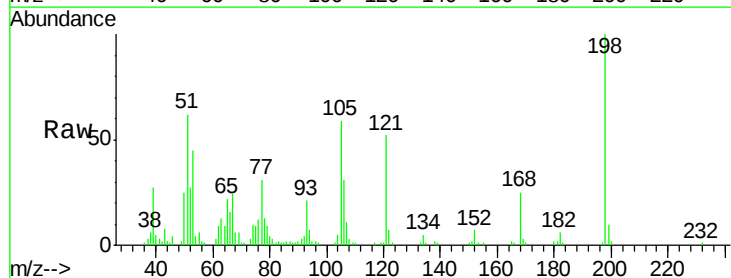
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

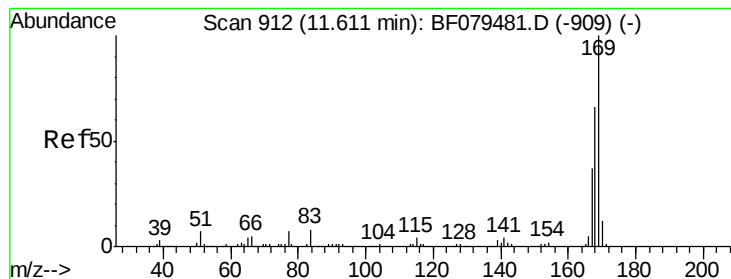
Tgt Ion:188 Resp: 230290
Ion Ratio Lower Upper
188 100
94 8.4 9.8 14.6#
80 8.1 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.81 ng
RT: 11.45 min Scan# 898
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:198 Resp: 55628
Ion Ratio Lower Upper
198 100
51 62.4 36.0 76.0
105 58.7 34.1 74.1





#65

n-Nitrosodiphenylamine

Concen: 48.39 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

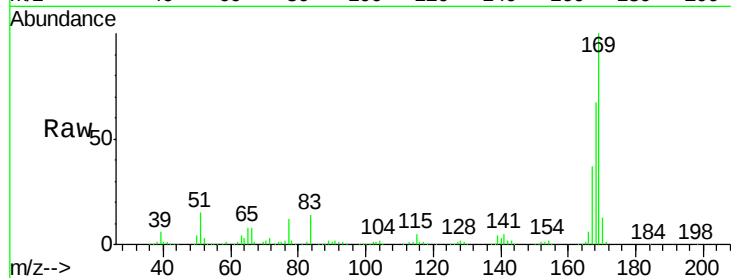
Tgt Ion:169 Resp: 370090

Ion Ratio Lower Upper

169 100

168 67.2 53.1 79.7

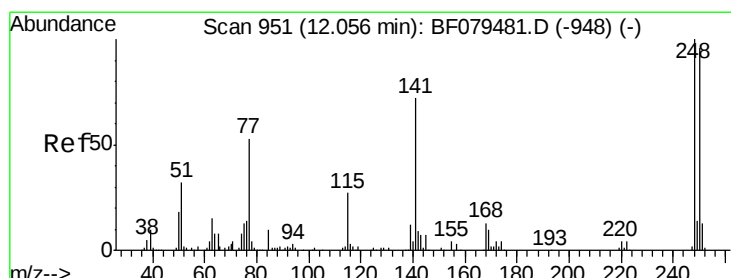
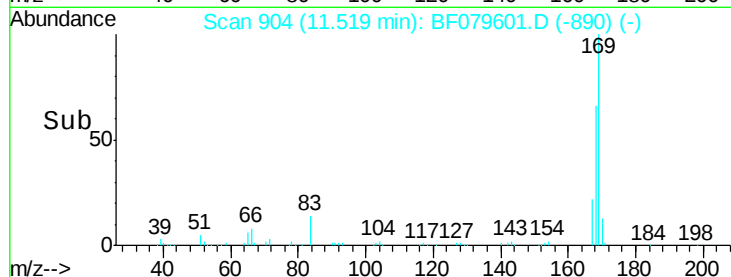
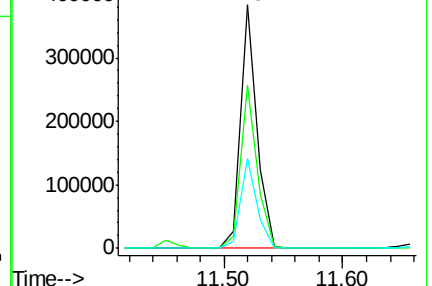
167 36.8 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.76 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

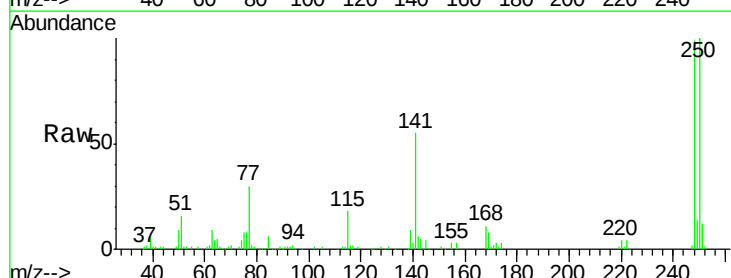
Tgt Ion:248 Resp: 122750

Ion Ratio Lower Upper

248 100

250 100.6 76.8 115.2

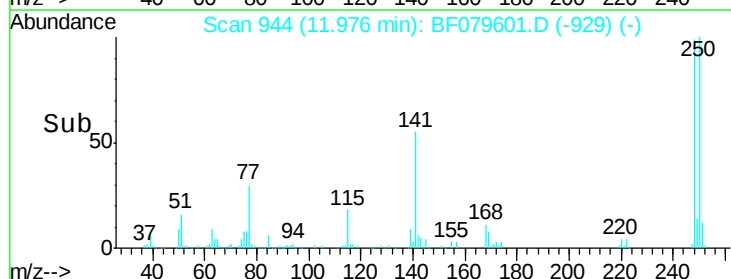
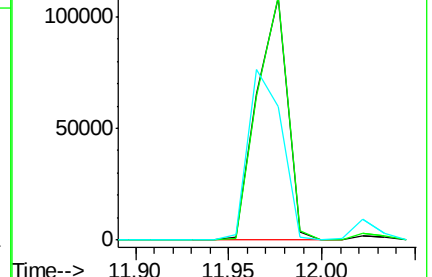
141 55.2 57.7 86.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

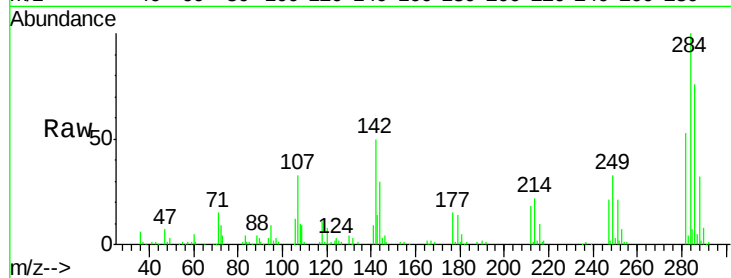




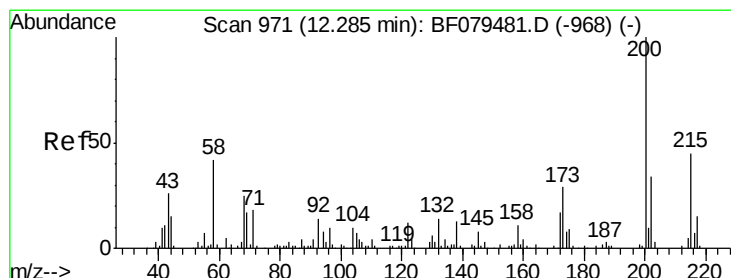
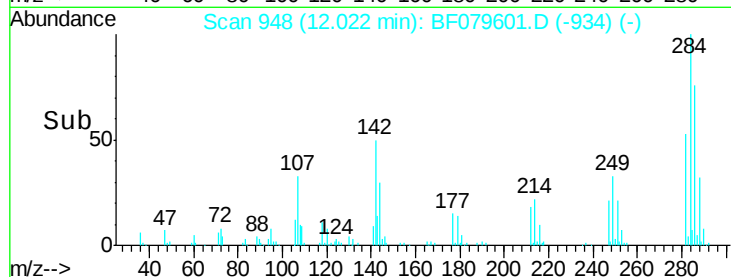
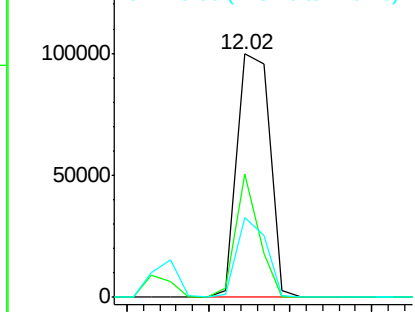
#67
Hexachlorobenzene
Concen: 51.03 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

Tgt Ion:284 Resp: 137986
Ion Ratio Lower Upper
284 100
142 50.5 26.2 39.2#
249 32.5 24.3 36.5

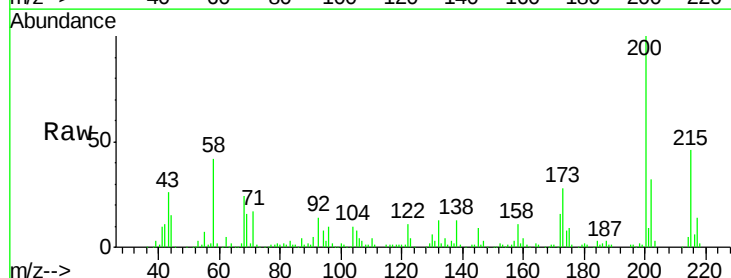


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

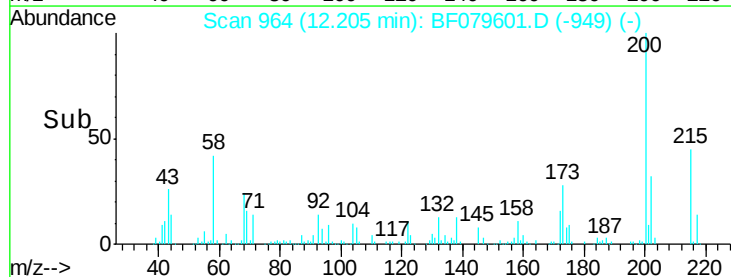
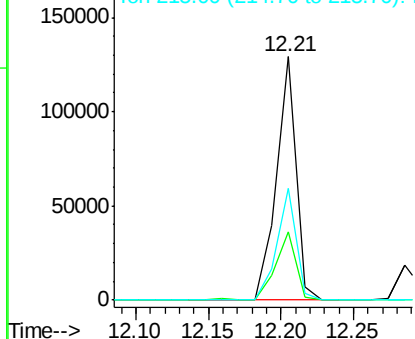


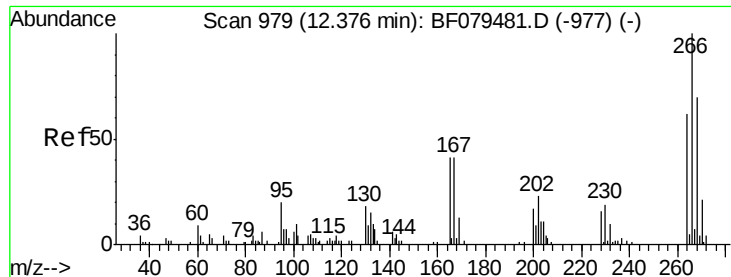
#68
Atrazine
Concen: 58.82 ng
RT: 12.21 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:200 Resp: 121531
Ion Ratio Lower Upper
200 100
173 28.1 9.4 49.4
215 45.8 25.3 65.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

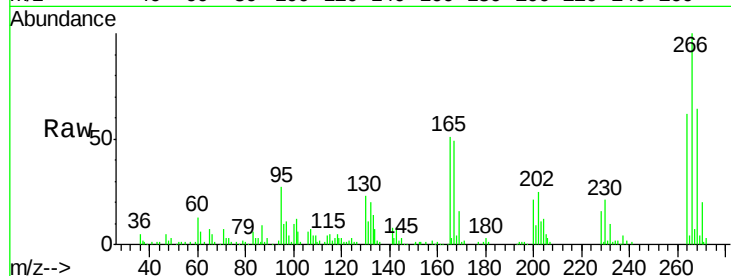




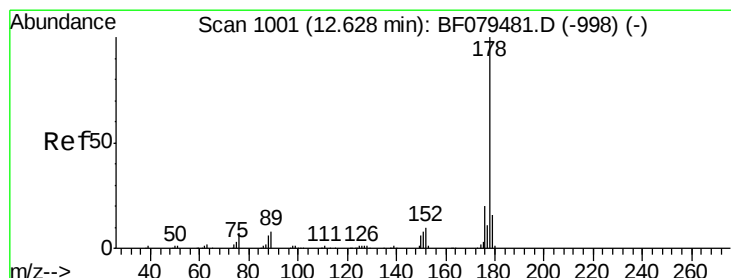
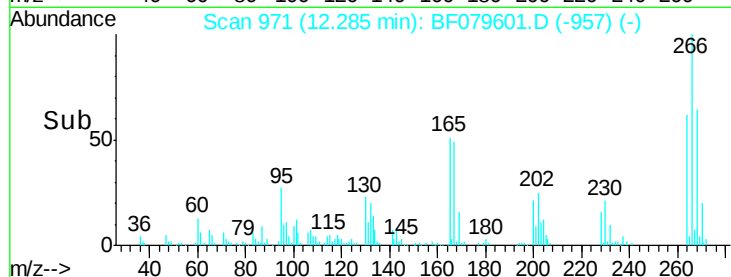
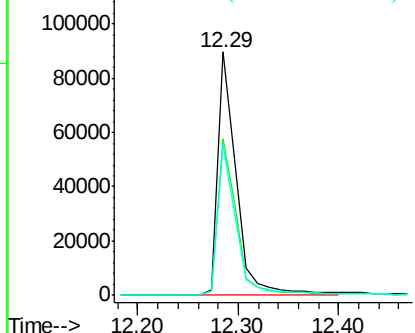
#69
 Pentachlorophenol
 Concen: 111.15 ng
 RT: 12.29 min Scan# 971
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	56.1	84.1
264	61.8	50.0	75.0

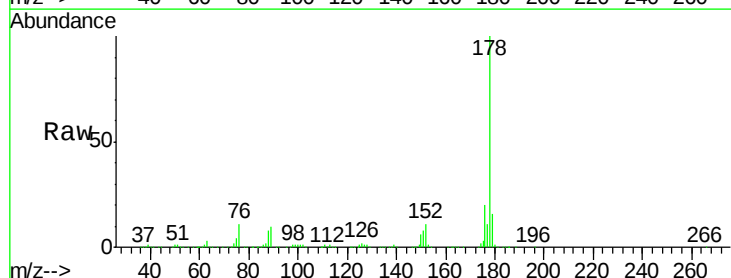


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

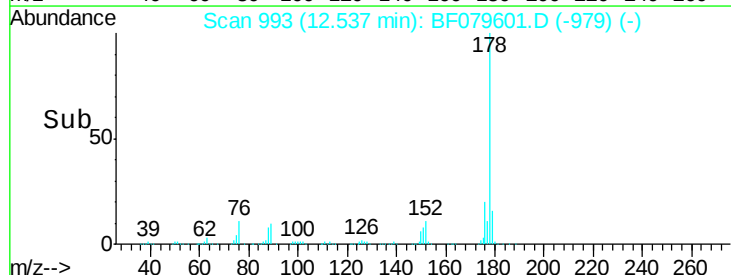
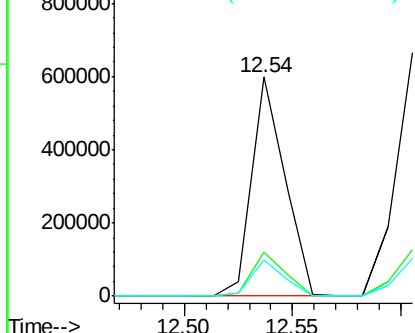


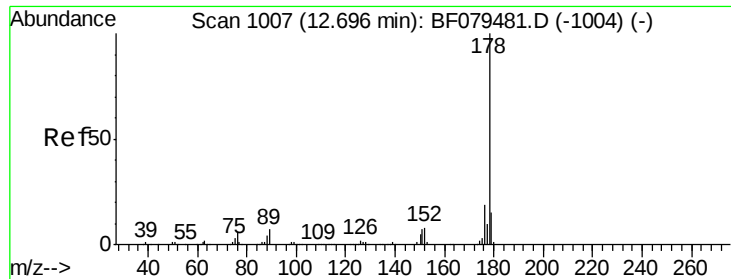
#70
 Phenanthrene
 Concen: 50.51 ng
 RT: 12.54 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.3	12.4	18.6



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

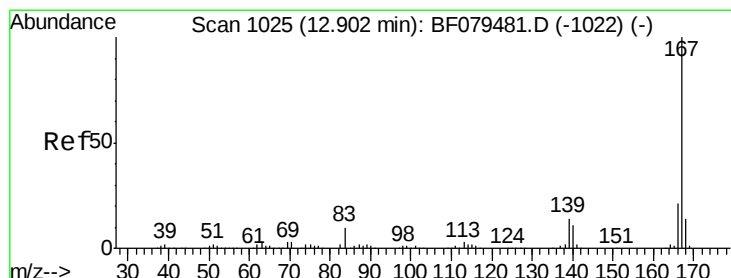
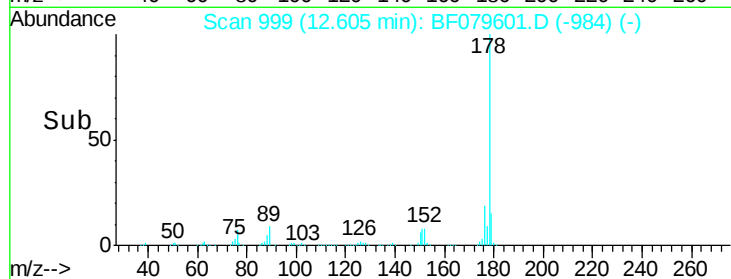
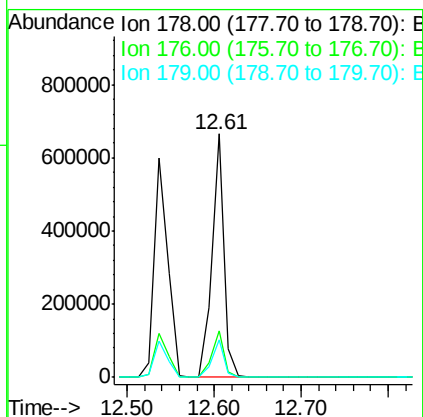
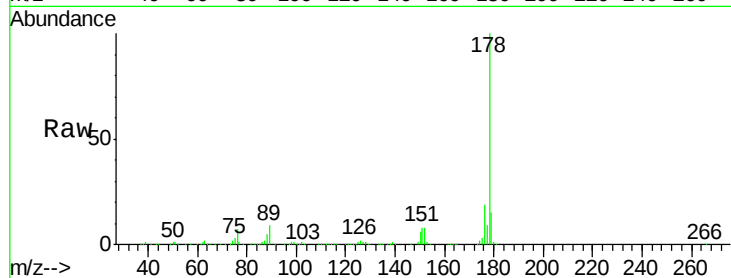




#71
 Anthracene
 Concen: 50.57 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

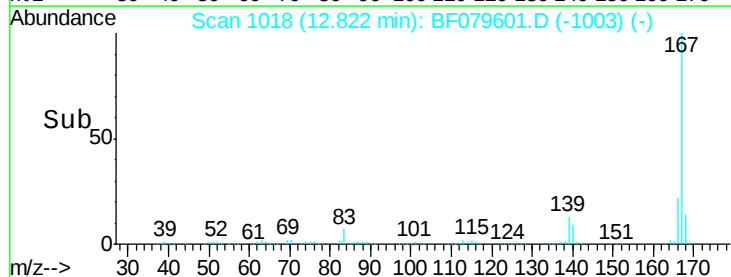
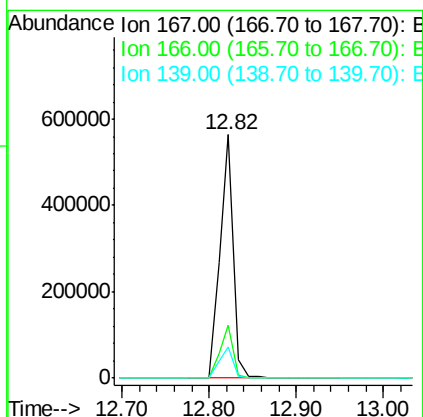
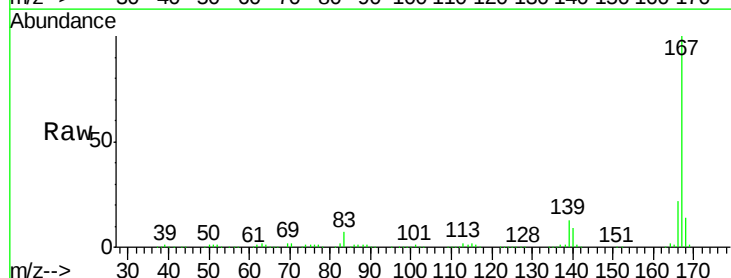
Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

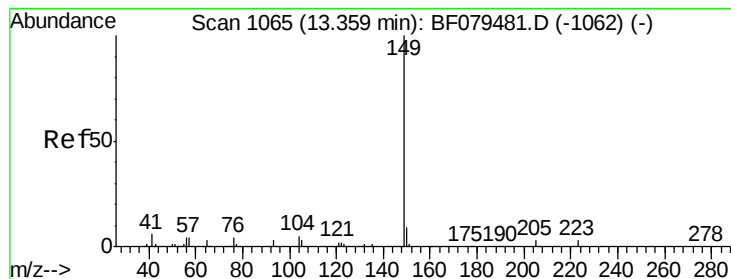
Tgt Ion:178 Resp: 648695
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.4 12.2 18.4



#72
 Carbazole
 Concen: 49.53 ng
 RT: 12.82 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion:167 Resp: 611585
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 12.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 54.95 ng

RT: 13.28 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

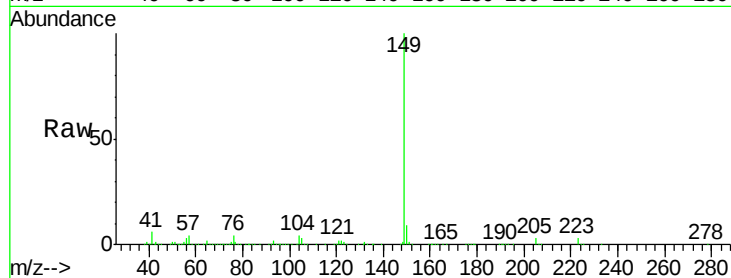
Tgt Ion:149 Resp: 752542

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

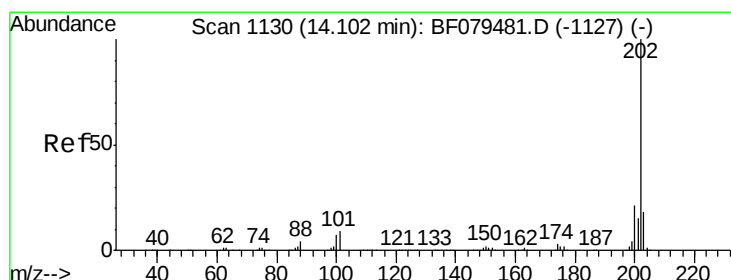
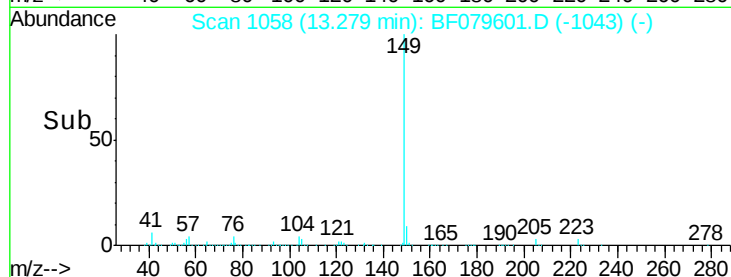
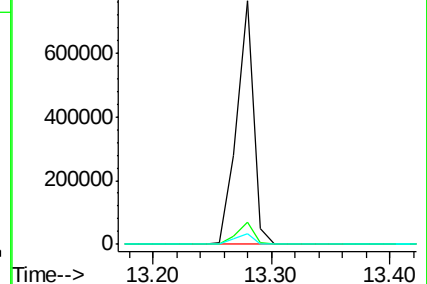
104 4.4 3.6 5.4



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: 53.63 ng

RT: 14.01 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

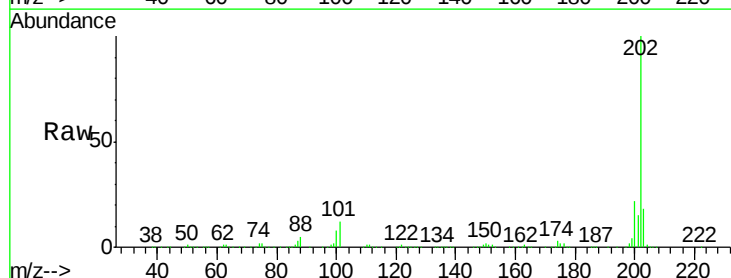
Tgt Ion:202 Resp: 726540

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.3

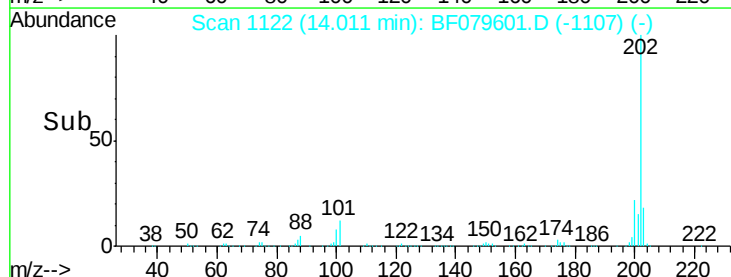
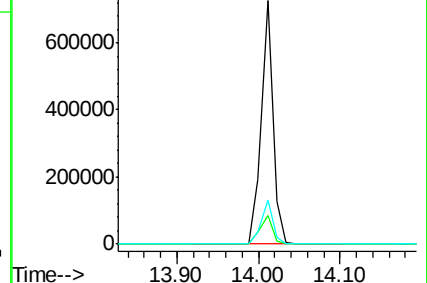
203 18.0 0.0 37.6

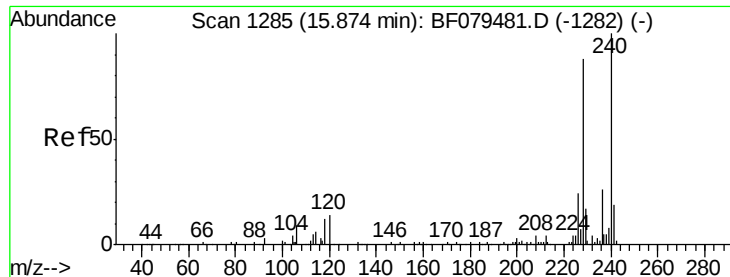


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.79 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

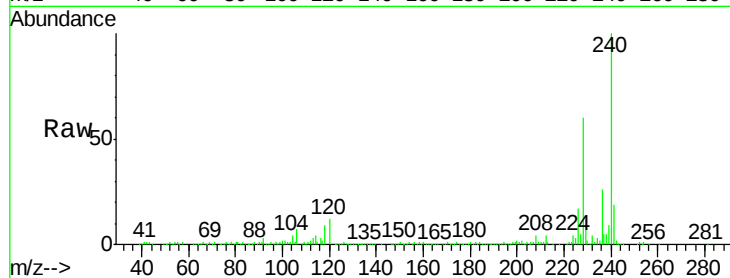
Tgt Ion:240 Resp: 230828

Ion Ratio Lower Upper

240 100

120 11.8 10.8 16.2

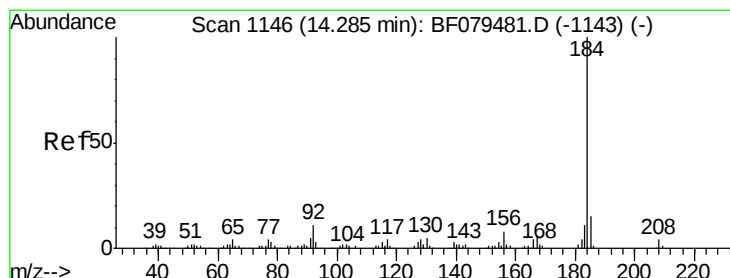
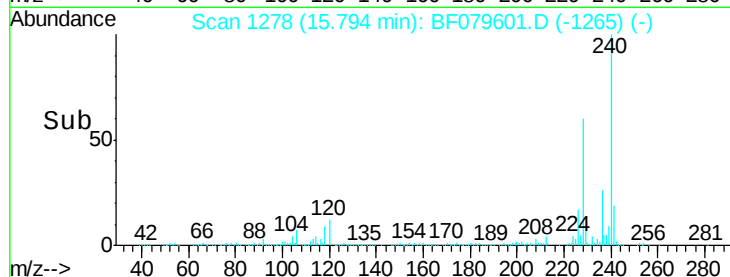
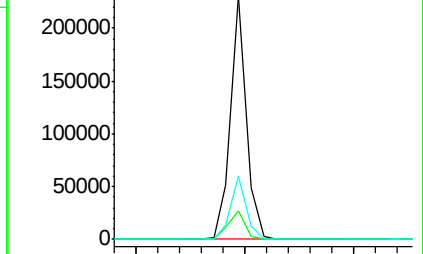
236 25.9 21.0 31.6



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: 17.58 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

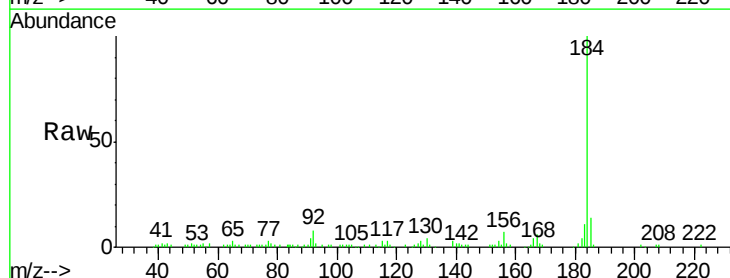
Tgt Ion:184 Resp: 86903

Ion Ratio Lower Upper

184 100

185 13.9 12.1 18.1

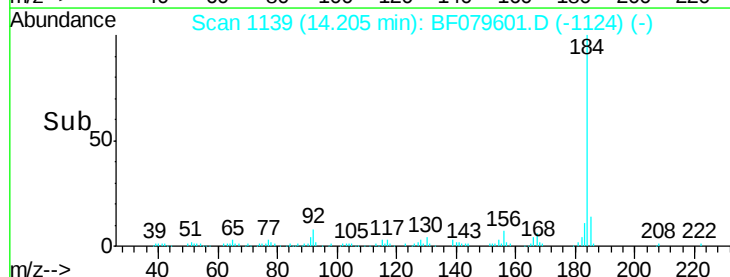
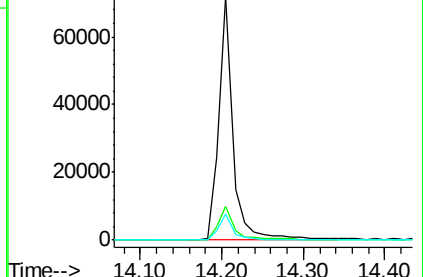
183 10.9 8.6 12.8

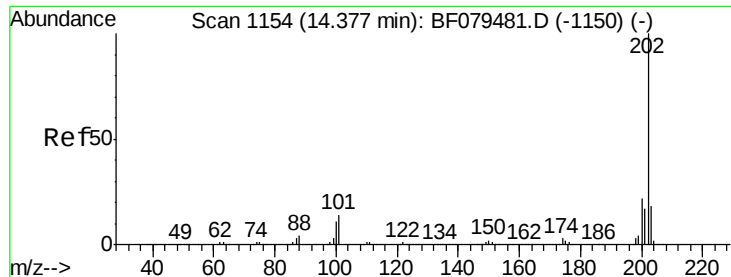


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

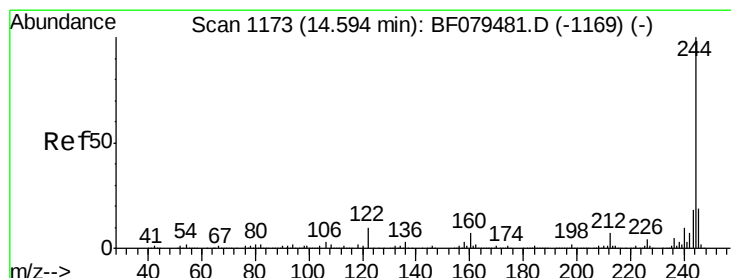
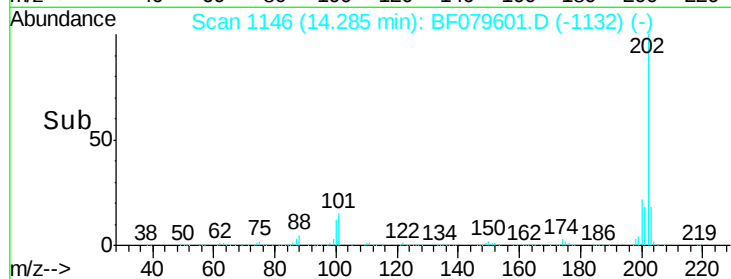
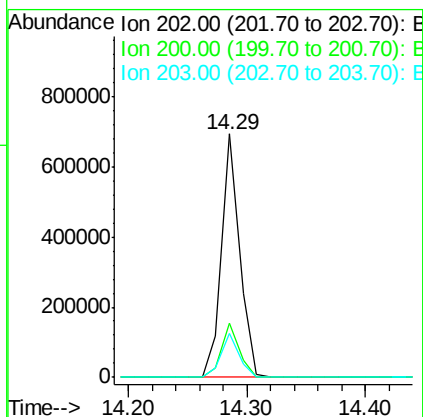
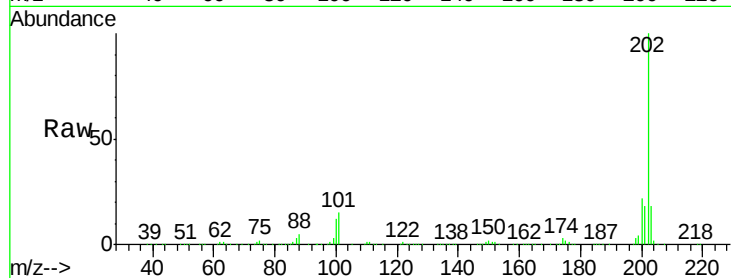




#77
 Pyrene
 Concen: 51.08 ng
 RT: 14.29 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

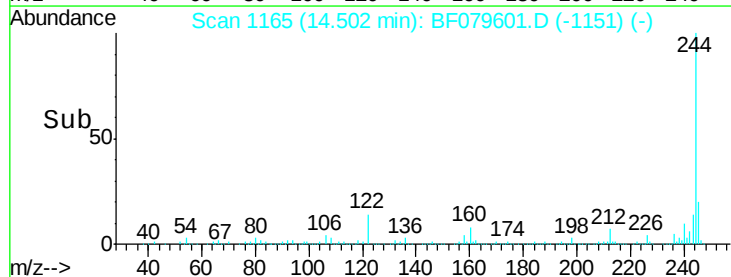
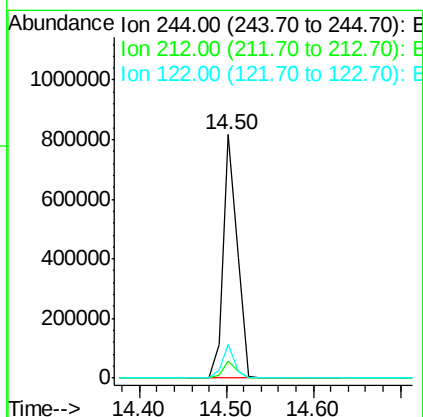
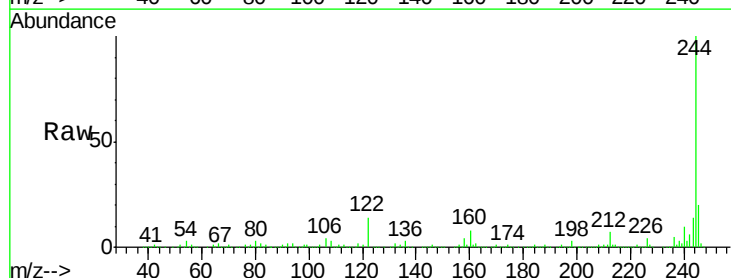
Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

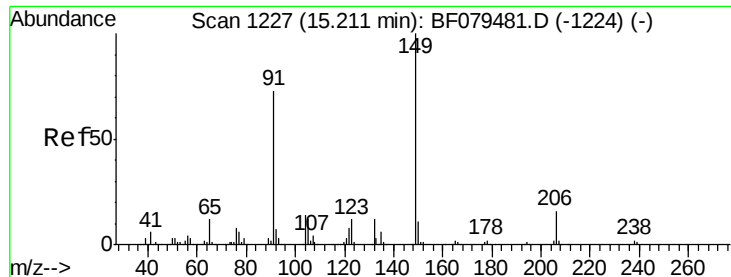
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	18.3	14.4	21.6



#78
 Terphenyl-d14
 Concen: 94.23 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	13.9	8.0	12.0#

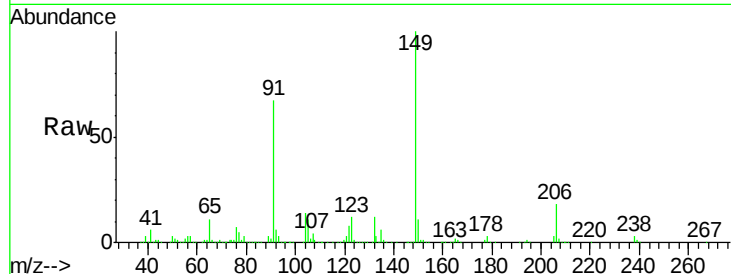




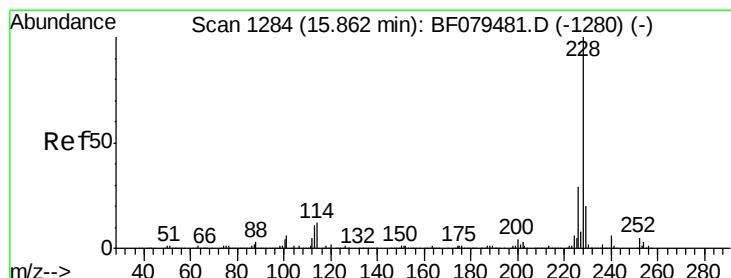
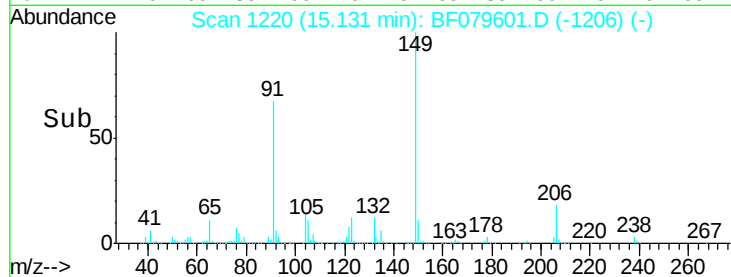
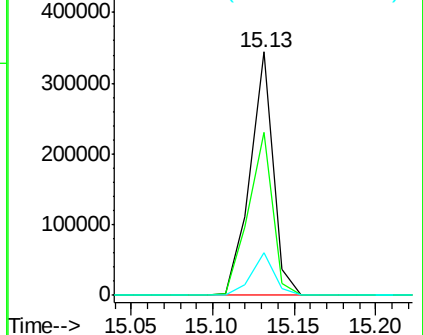
#79
Butylbenzylphthalate
Concen: 52.86 ng
RT: 15.13 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

Tgt Ion:149 Resp: 339972
Ion Ratio Lower Upper
149 100
91 67.1 58.1 87.1
206 17.5 13.1 19.7

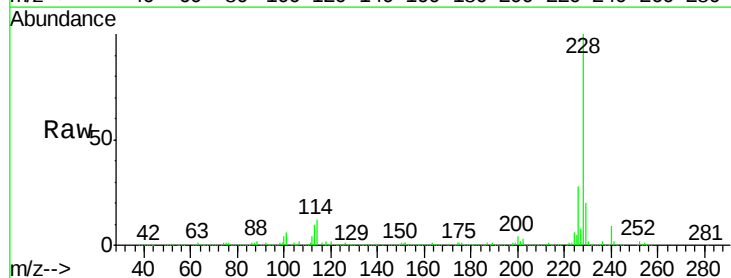


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

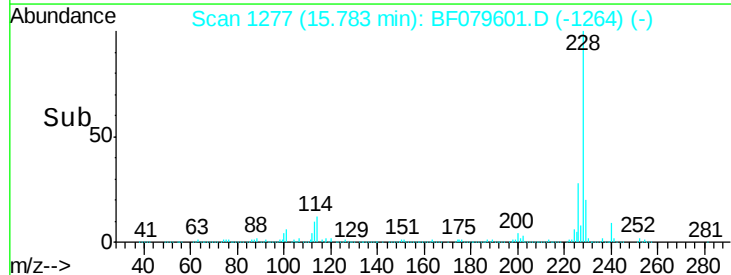
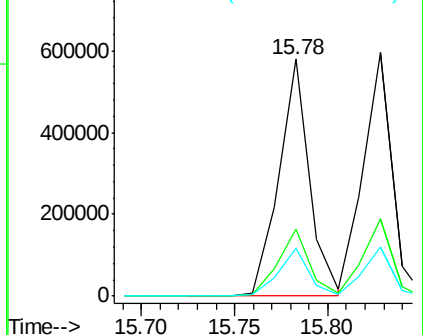


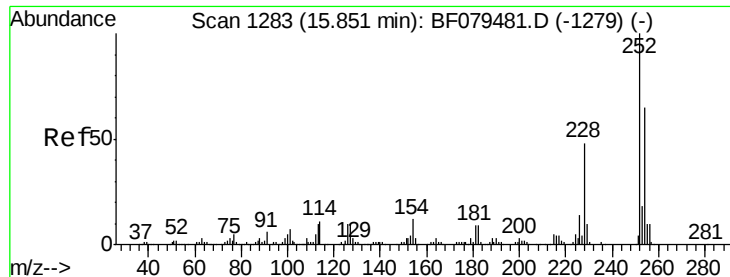
#80
Benzo(a)anthracene
Concen: 49.72 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.05 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:228 Resp: 660230
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 20.0 15.9 23.9



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

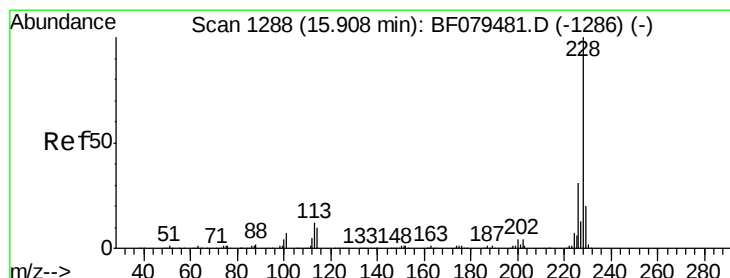
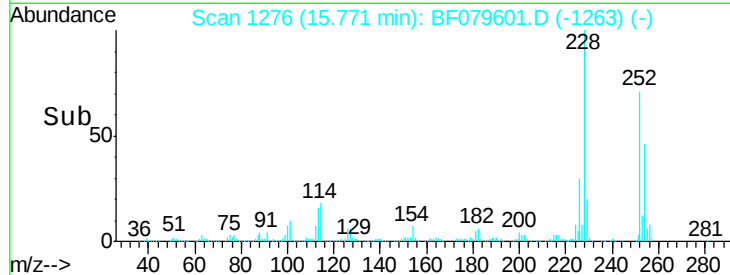
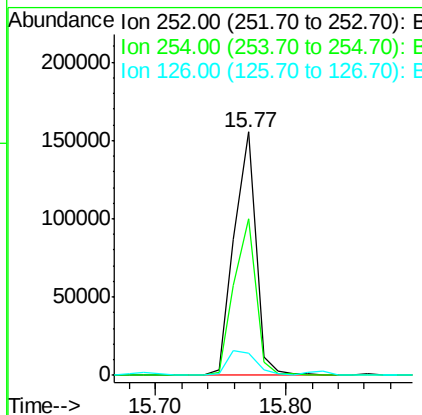
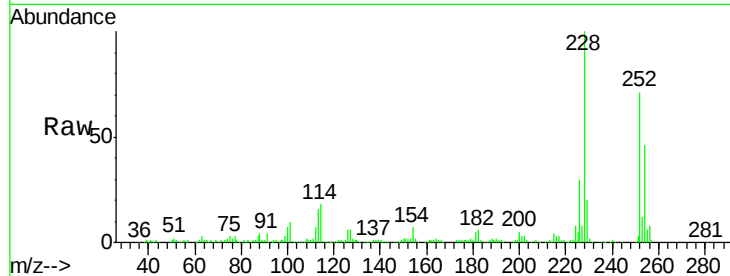




#81
 3,3'-Dichlorobenzidine
 Concen: 37.05 ng
 RT: 15.77 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

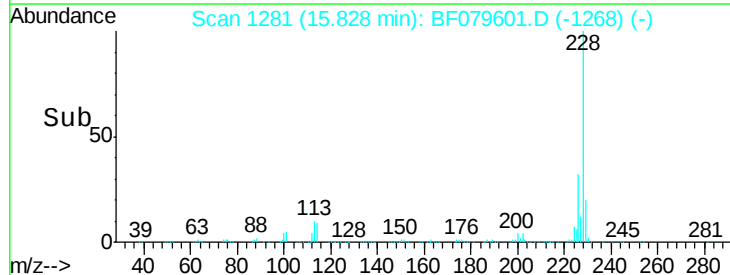
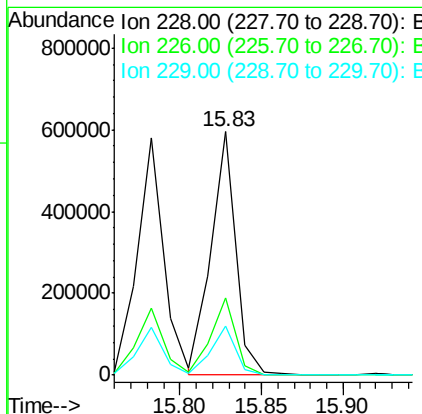
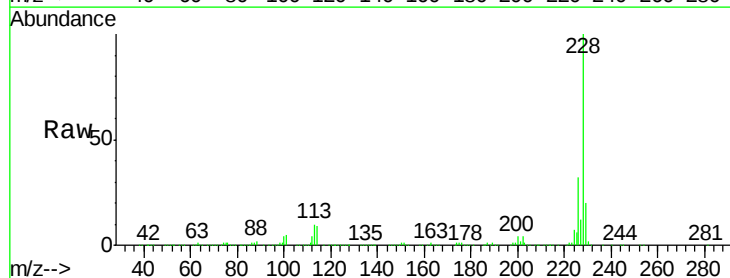
Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)MS

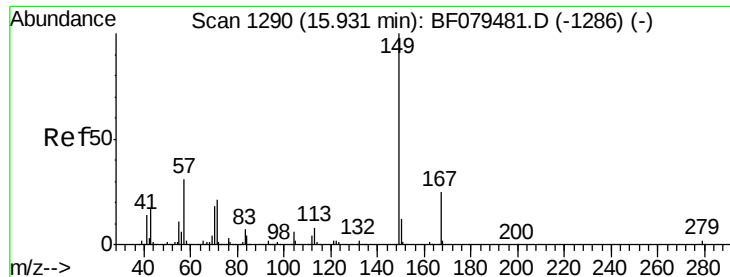
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	8.9	8.2	12.2



#82
 Chrysene
 Concen: 49.92 ng
 RT: 15.83 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF079601.D
 Acq: 30 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	20.0	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.72 ng

RT: 15.86 min Scan# 1284

Delta R.T. -0.05 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

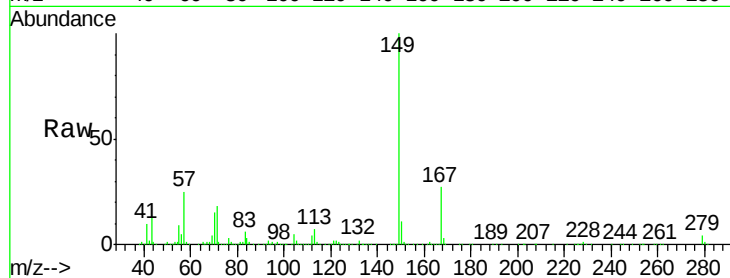
Tgt Ion:149 Resp: 504174

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

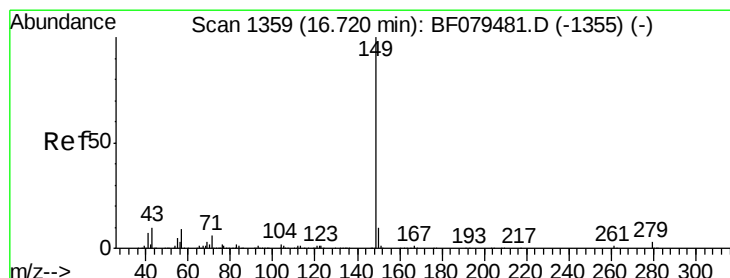
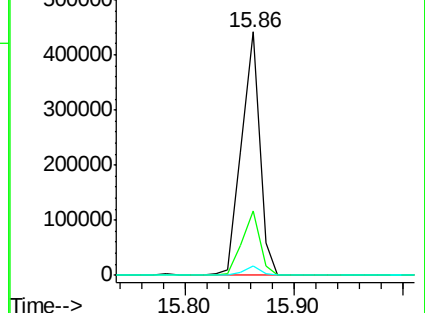
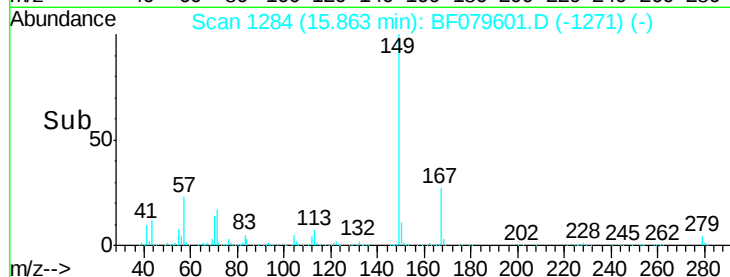
279 3.7 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.46 ng

RT: 16.67 min Scan# 1355

Delta R.T. -0.08 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

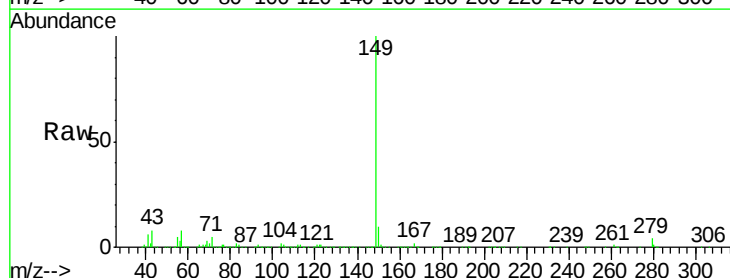
Tgt Ion:149 Resp: 873290

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

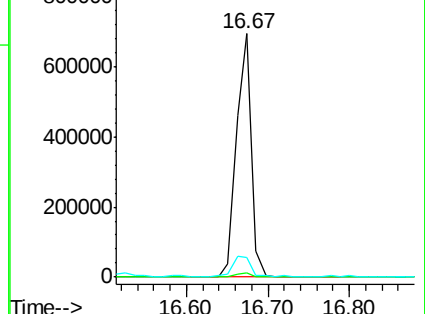
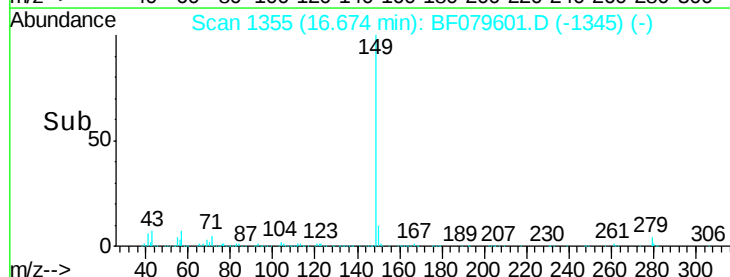
43 9.6 7.8 11.6

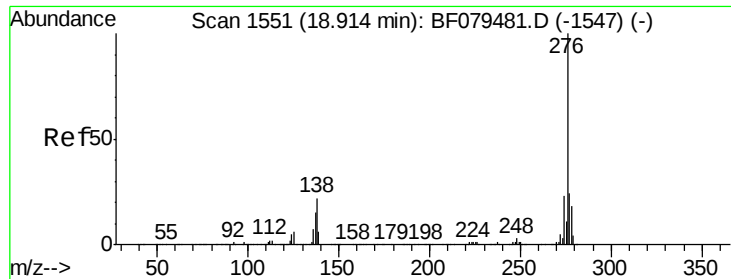


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.32 ng

RT: 18.89 min Scan# 1549

Delta R.T. -0.13 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

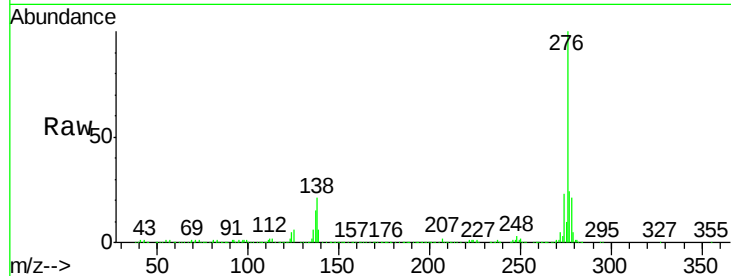
Tgt Ion:276 Resp: 800709

Ion Ratio Lower Upper

276 100

138 25.3 21.4 32.2

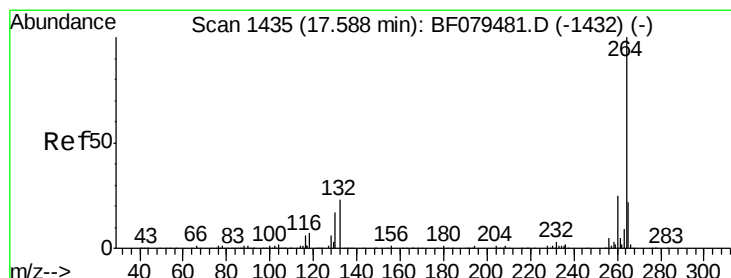
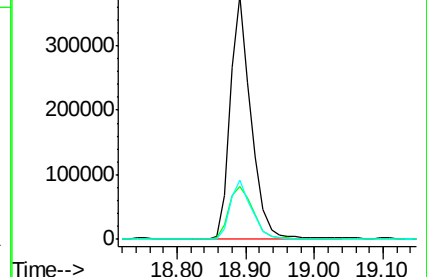
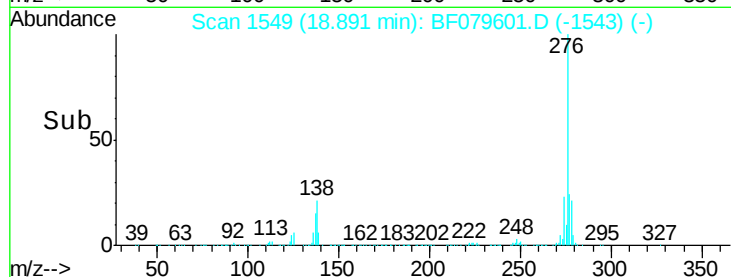
277 25.0 19.8 29.6



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: 17.57 min Scan# 1433

Delta R.T. -0.10 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

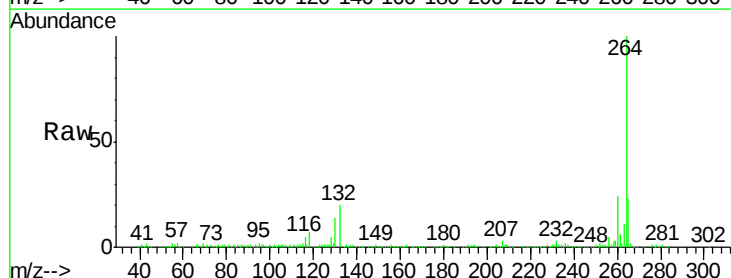
Tgt Ion:264 Resp: 239451

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

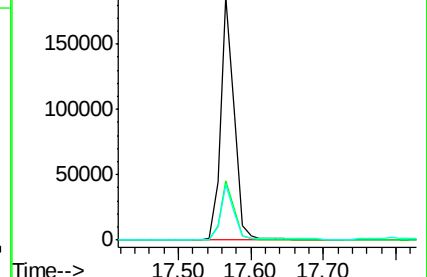
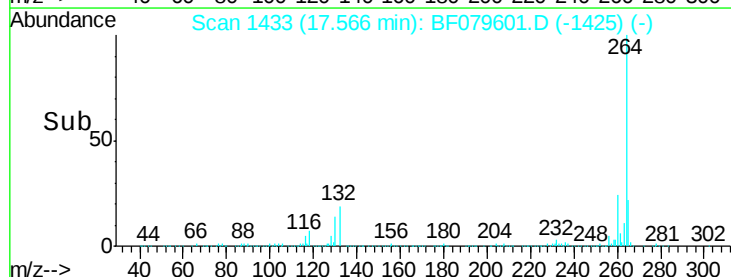
265 22.6 17.8 26.6

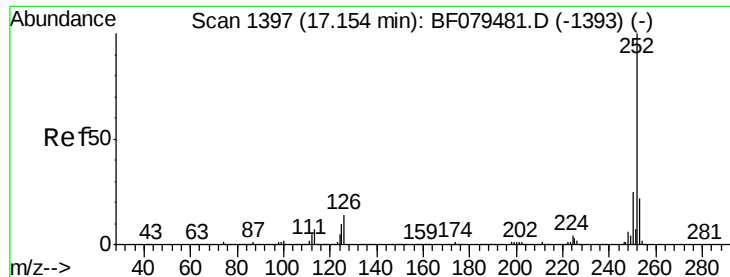


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

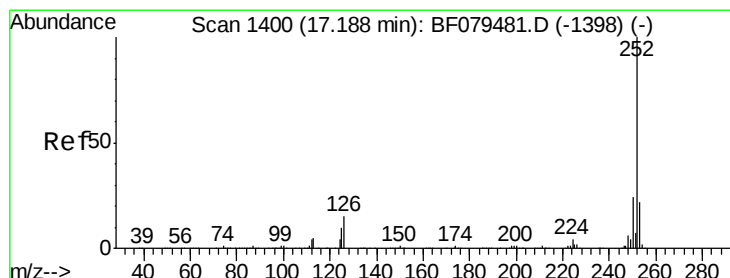
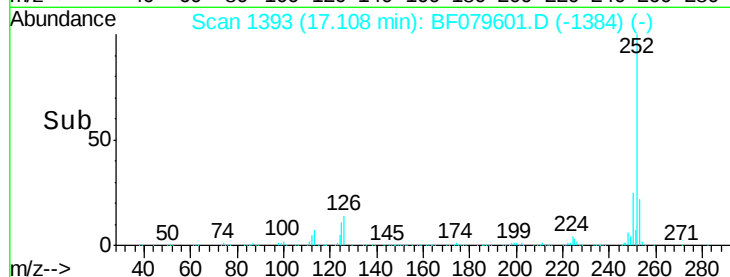
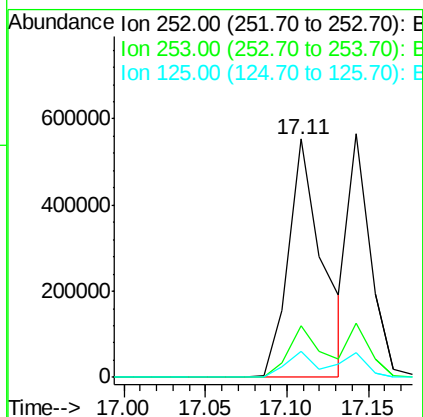
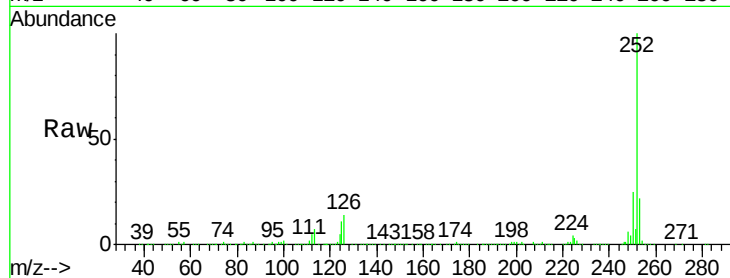




#87
Benzo(b)fluoranthene
Concen: 59.51 ng
RT: 17.11 min Scan# 1393
Delta R.T. -0.09 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

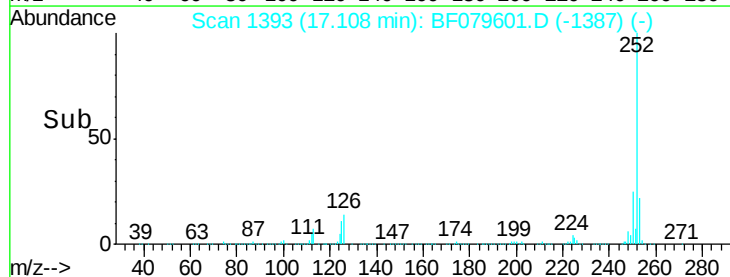
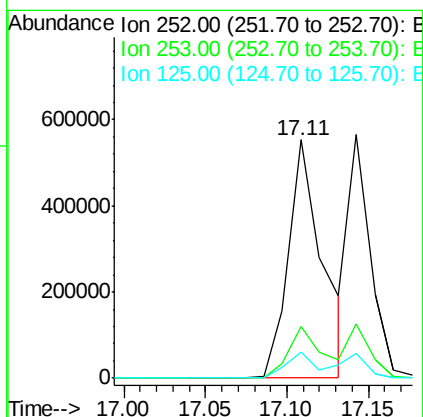
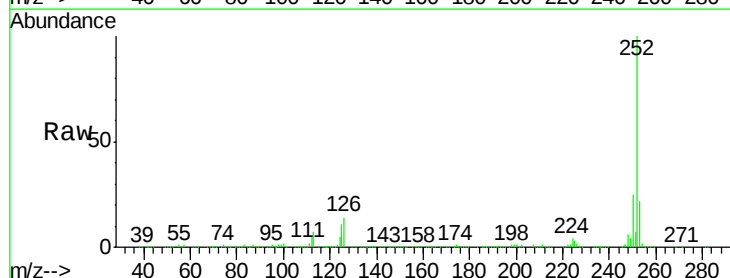
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MS

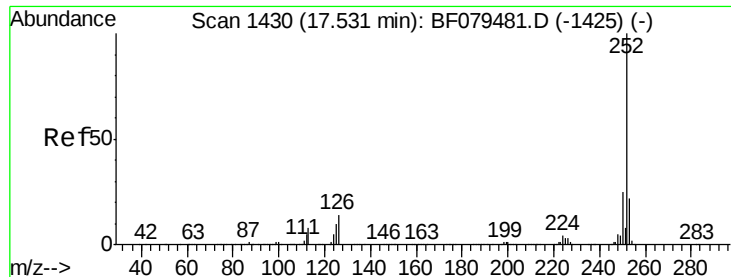
Tgt Ion:252 Resp: 812706
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.7 7.8 11.6



#88
Benzo(k)fluoranthene
Concen: 66.55 ng
RT: 17.11 min Scan# 1393
Delta R.T. -0.13 min
Lab File: BF079601.D
Acq: 30 May 2015 14:22

Tgt Ion:252 Resp: 812706
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.7 6.8 10.2#





#89

Benzo(a)pyrene

Concen: 54.06 ng

RT: 17.51 min Scan# 1428

Delta R.T. -0.10 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

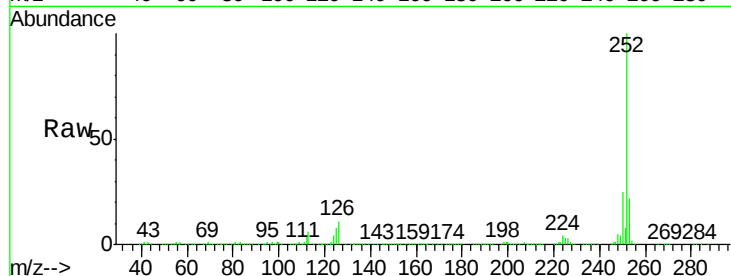
Tgt Ion:252 Resp: 642781

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

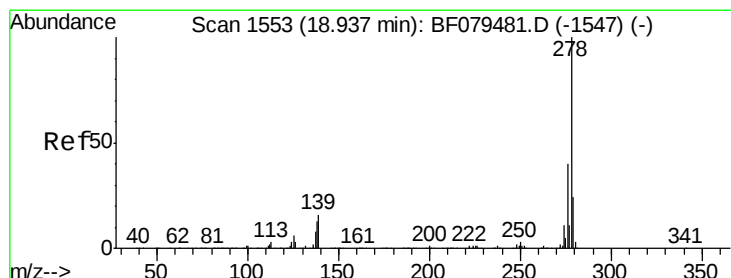
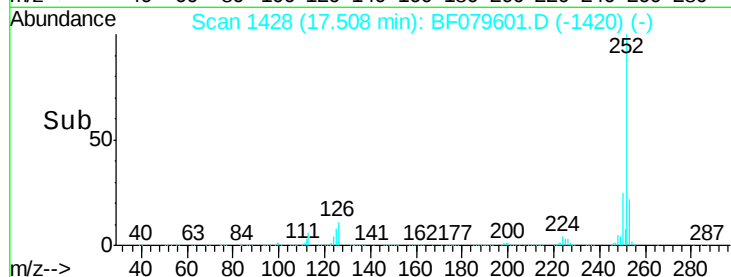
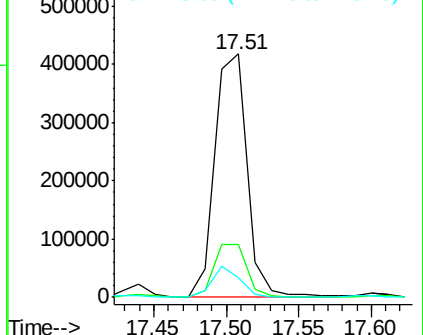
125 8.1 7.9 11.9



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: 52.49 ng

RT: 18.91 min Scan# 1551

Delta R.T. -0.13 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

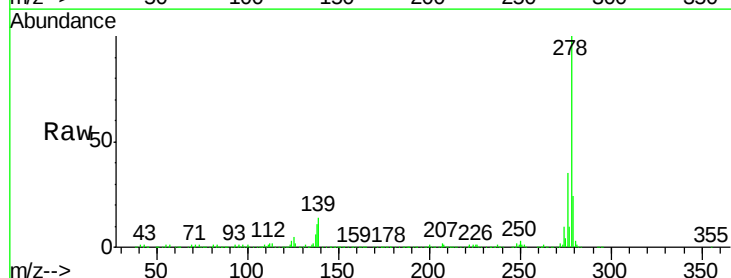
Tgt Ion:278 Resp: 654479

Ion Ratio Lower Upper

278 100

139 14.5 12.8 19.2

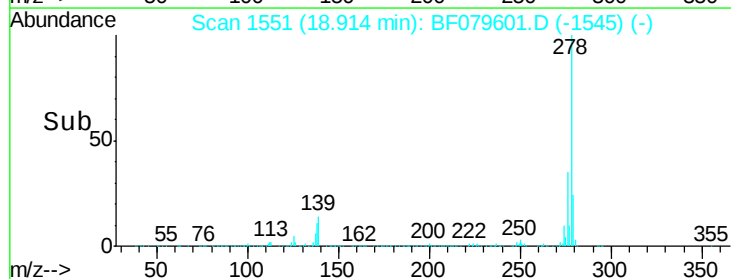
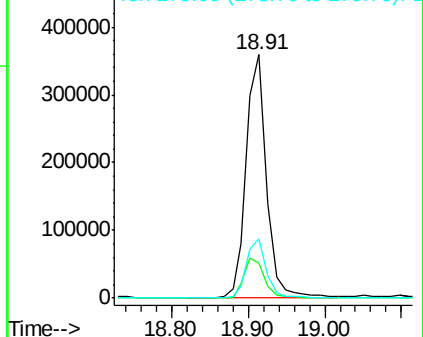
279 24.2 19.1 28.7

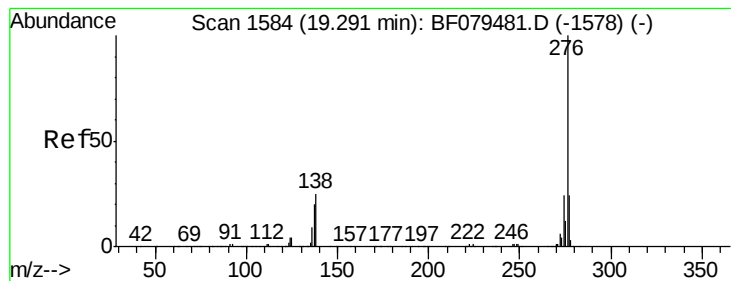


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.64 ng

RT: 19.27 min Scan# 1582

Delta R.T. -0.14 min

Lab File: BF079601.D

Acq: 30 May 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PULASKIST7.3(2)MS

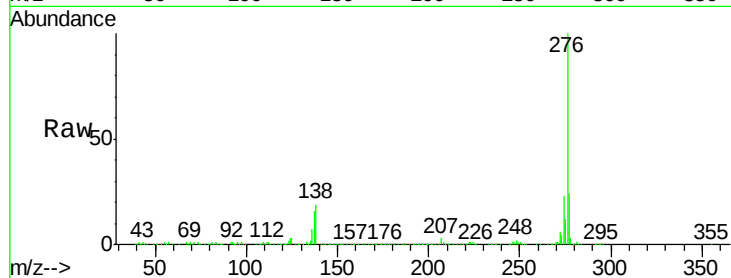
Tgt Ion: 276 Resp: 663544

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 19.4 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

