

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081229.D
 Acq On : 26 Aug 2015 23:52
 Operator : UM/IZ
 Sample : G3385-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:45:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53524	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	205974	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	89220	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	179036	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	132065	20.00	ng	-0.04
86) Perylene-d12	14.95	264	112828	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	409869	115.18	ng	0.00
7) Phenol-d6	6.18	99	557546	120.08	ng	-0.01
23) Nitrobenzene-d5	7.10	82	407605	90.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	91263	118.00	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	603192	88.58	ng	-0.02
78) Terphenyl-d14	12.60	244	499230	81.04	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	61237	36.52	ng	# 73
3) Pyridine	2.64	79	113302	23.94	ng	# 80
4) n-Nitrosodimethylamine	2.57	42	99081	37.60	ng	# 67
6) Aniline	6.18	93	122177	18.10	ng	# 1
8) 2-Chlorophenol	6.31	128	154648	39.70	ng	84
9) Benzaldehyde	6.06	77	21081	7.04	ng	93
10) Phenol	6.19	94	190469	34.73	ng	# 69
11) bis(2-Chloroethyl)ether	6.26	93	170318	40.48	ng	90
12) 1,3-Dichlorobenzene	6.46	146	161086	38.49	ng	98
13) 1,4-Dichlorobenzene	6.54	146	163901	39.55	ng	98
14) 1,2-Dichlorobenzene	6.69	146	143991	37.12	ng	99
15) Benzyl Alcohol	6.67	79	145296	38.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.81	45	312959	37.85	ng	87
17) 2-Methylphenol	6.80	107	133512	39.95	ng	97
18) Hexachloroethane	7.03	117	62711	37.45	ng	94
19) n-Nitroso-di-n-propylamine	6.96	70	132262	41.12	ng	# 82
20) 3+4-Methylphenols	6.96	107	170395	40.17	ng	# 44
22) Acetophenone	6.94	105	242263	44.80	ng	# 86
24) Nitrobenzene	7.11	77	195045	41.37	ng	97
25) Isophorone	7.36	82	339360	40.36	ng	# 92
26) 2-Nitrophenol	7.43	139	88369	45.07	ng	# 68
27) 2,4-Dimethylphenol	7.49	122	150468	43.38	ng	90
28) bis(2-Chloroethoxy)methane	7.58	93	225641	45.42	ng	99
29) 2,4-Dichlorophenol	7.67	162	120978	41.43	ng	88
30) 1,2,4-Trichlorobenzene	7.75	180	131379	40.48	ng	97
31) Naphthalene	7.83	128	466127	40.60	ng	100
32) Benzoic acid	7.59	122	28909	14.82	ng	91
33) 4-Chloroaniline	7.89	127	62726	12.95	ng	# 87
34) Hexachlorobutadiene	7.95	225	74208	40.43	ng	96
35) Caprolactam	8.26	113	22068	21.62	ng	# 79
36) 4-Chloro-3-methylphenol	8.38	107	154671	44.44	ng	98
37) 2-Methylnaphthalene	8.51	142	297424	41.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	130761	45.43	ng	99
40) Hexachlorocyclopentadiene	8.67	237	121832	81.77	ng	99

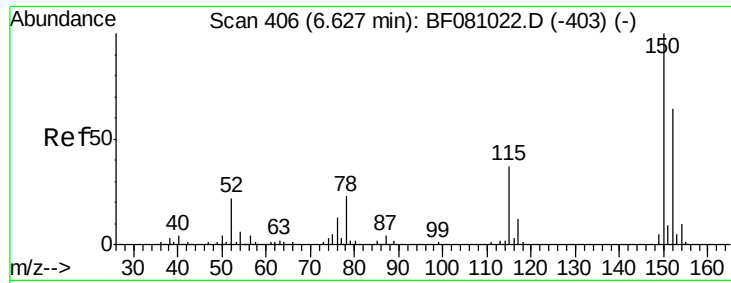
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081229.D
 Acq On : 26 Aug 2015 23:52
 Operator : UM/IZ
 Sample : G3385-02MS
 Misc :
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Instrument :
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Quant Time: Aug 27 00:45:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	89125	43.83	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	85132	41.89	nq	# 89
45) 1,1'-Biphenyl	8.98	154	387080	49.25	nq	96
46) 2-Chloronaphthalene	9.01	162	265967	42.13	nq	97
47) 2-Nitroaniline	9.10	65	101110	39.13	nq	99
48) Acenaphthylene	9.41	152	419178	37.12	nq	99
49) Dimethylphthalate	9.29	163	306861	41.76	nq	100
50) 2,6-Dinitrotoluene	9.35	165	62704	39.75	nq	# 69
51) Acenaphthene	9.58	154	244483	36.16	nq	99
52) 3-Nitroaniline	9.51	138	49386	25.02	nq	99
53) 2,4-Dinitrophenol	9.62	184	33126	42.77	nq	# 62
54) Dibenzofuran	9.75	168	359112	39.64	nq	91
55) 4-Nitrophenol	9.69	139	91312	65.86	nq	# 83
56) 2,4-Dinitrotoluene	9.75	165	79271	37.91	nq	# 53
57) Fluorene	10.09	166	290395	41.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	67568	42.95	nq	98
59) Diethylphthalate	9.99	149	319806	41.12	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	137243	46.53	nq	93
61) 4-Nitroaniline	10.13	138	75057	37.20	nq	90
62) Azobenzene	10.25	77	411366	45.90	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	28122	26.30	nq	# 42
65) n-Nitrosodiphenylamine	10.22	169	286863	44.89	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	71969	40.92	nq	# 68
67) Hexachlorobenzene	10.63	284	75722	42.51	nq	# 75
68) Atrazine	10.74	200	81515	45.78	nq	98
69) Pentachlorophenol	10.83	266	85604	80.10	nq	98
70) Phenanthrene	11.04	178	440514	41.52	nq	99
71) Anthracene	11.09	178	437461	42.37	nq	99
72) Carbazole	11.25	167	434107	43.67	nq	99
73) Di-n-butylphthalate	11.60	149	540737	44.95	nq	99
74) Fluoranthene	12.22	202	509839	44.53	nq	98
76) Benzidine	12.34	184	142046	28.47	nq	98
77) Pyrene	12.44	202	464225	43.24	nq	99
79) Butylbenzylphthalate	13.08	149	209926	45.49	nq	# 68
80) Benzo(a)anthracene	13.61	228	418769	47.28	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	77537	27.03	nq	99
82) Chrysene	13.66	228	404982	50.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	298103	50.43	nq	99
84) Di-n-octyl phthalate	14.25	149	511454	56.93	nq	96
85) Indeno(1,2,3-cd)pyrene	16.12	276	298517	53.27	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	675900	84.69	nq	# 96
88) Benzo(k)fluoranthene	14.61	252	675900	90.89	nq	99
89) Benzo(a)pyrene	14.90	252	315005	45.30	nq	# 97
90) Dibenzo(a,h)anthracene	16.13	278	247365	45.65	nq	# 93
91) Benzo(g,h,i)perylene	16.46	276	251812	45.81	nq	# 89

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

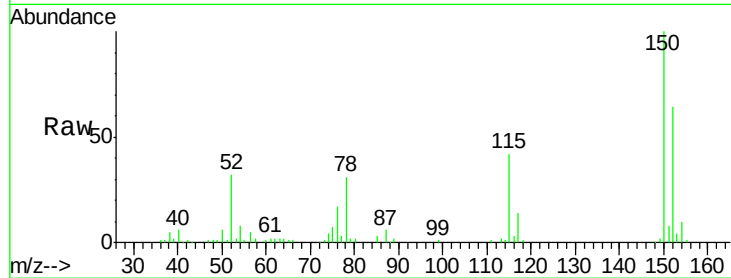


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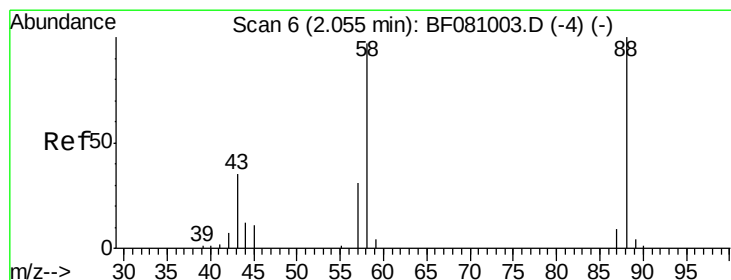
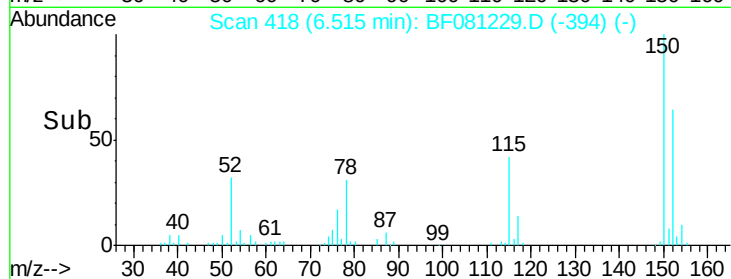
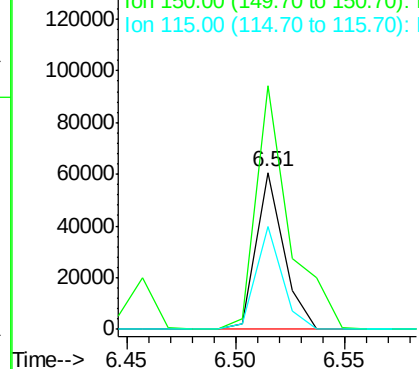
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53524
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 65.9 52.1 78.1



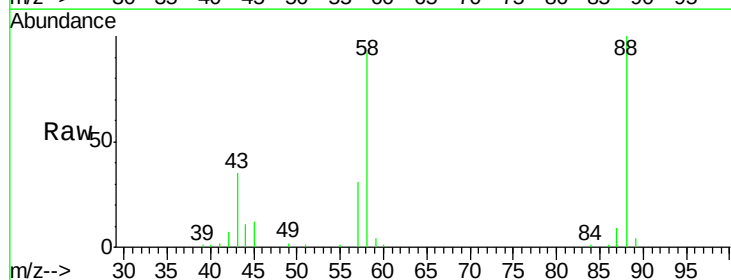
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



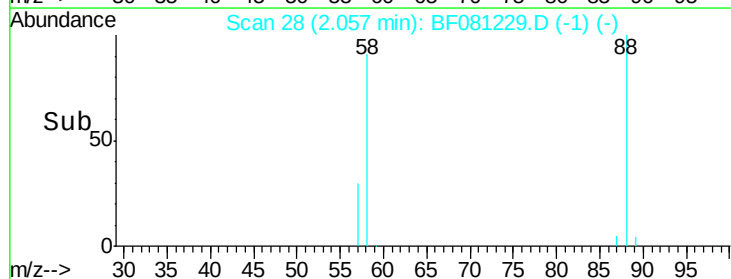
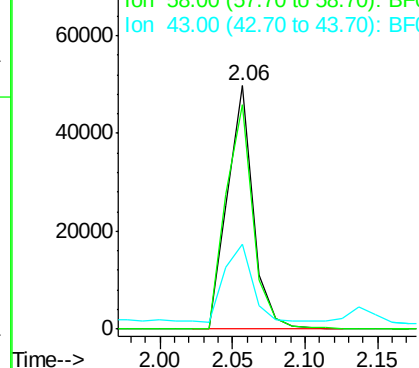
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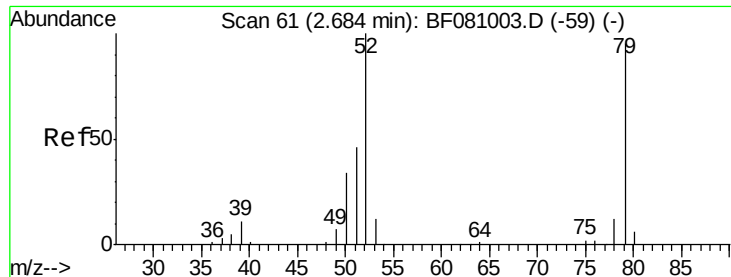
1,4-Dioxane
Concen: 36.52 ng
RT: 2.06 min Scan# 28
Delta R.T. 0.12 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion: 88 Resp: 61237
Ion Ratio Lower Upper
88 100
58 97.4 83.7 125.5
43 0.0 37.5 56.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.94 ng

RT: 2.64 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

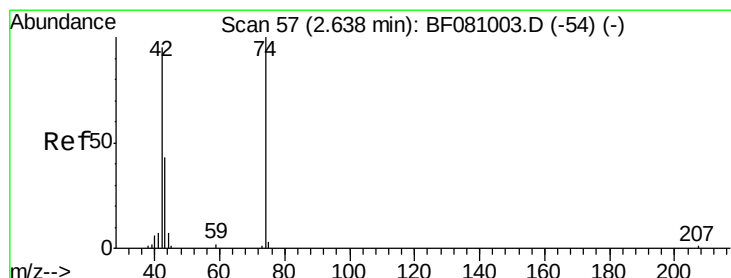
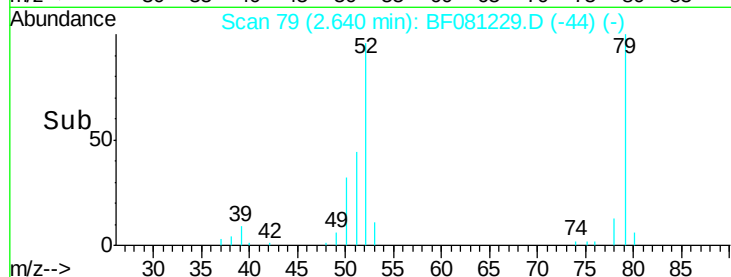
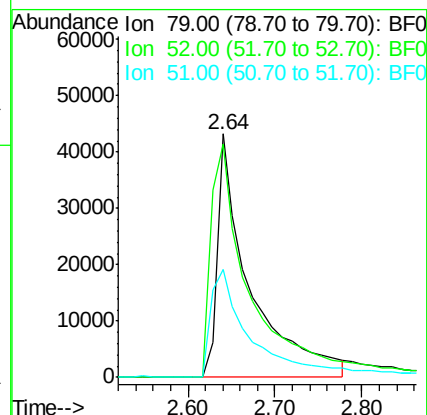
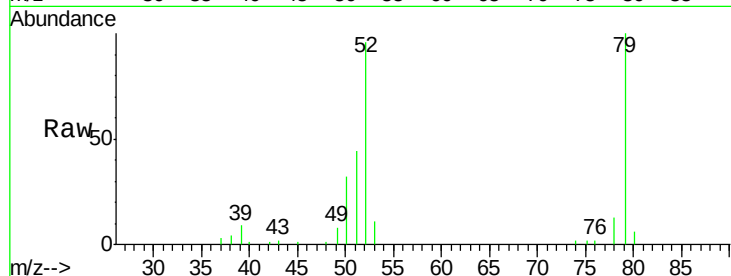
Tot Ion: 79 Resp: 113302

Ion Ratio Lower Upper

79 100

52 95.6 95.1 142.7

51 44.3 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 37.60 ng

RT: 2.57 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

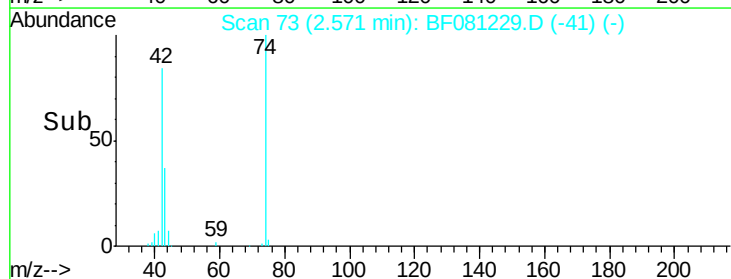
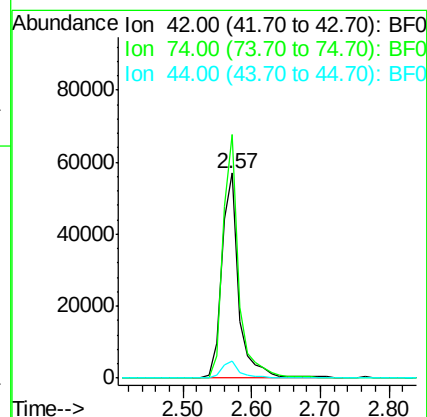
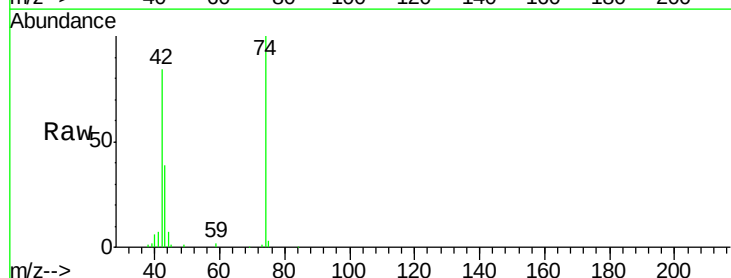
Tgt Ion: 42 Resp: 99081

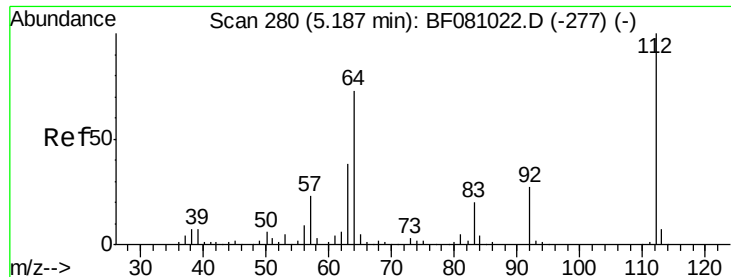
Ion Ratio Lower Upper

42 100

74 118.8 69.3 103.9#

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 115.18 ng

RT: 5.10 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

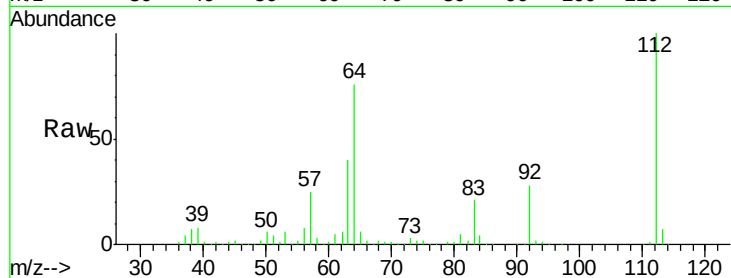
Tot Ion:112 Resp: 409869

Ion Ratio Lower Upper

112 100

64 75.8 66.9 100.3

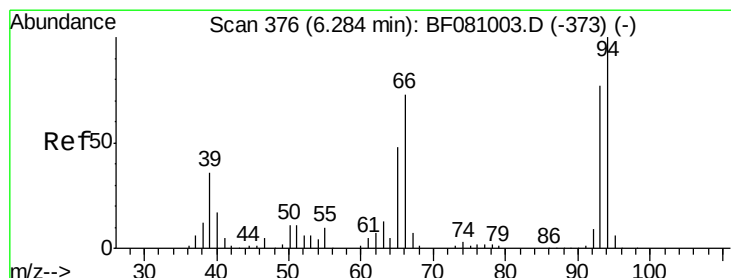
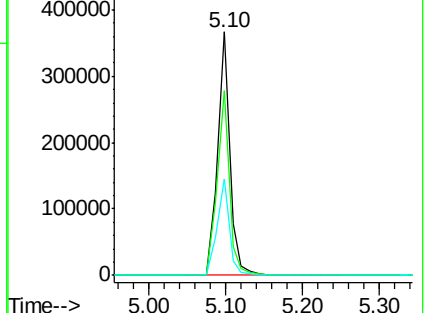
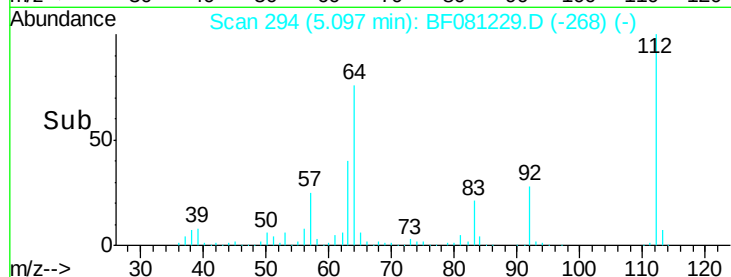
63 39.9 38.1 57.1



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: 18.10 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

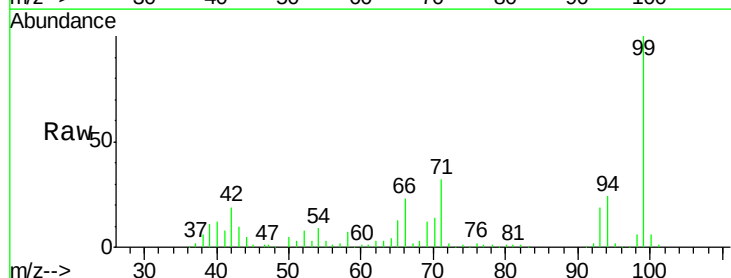
Tgt Ion: 93 Resp: 122177

Ion Ratio Lower Upper

93 100

66 121.4 35.6 53.4#

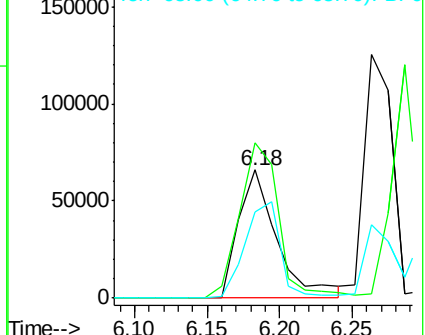
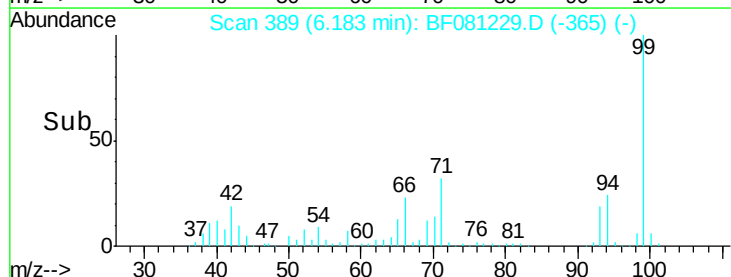
65 67.5 18.7 28.1#

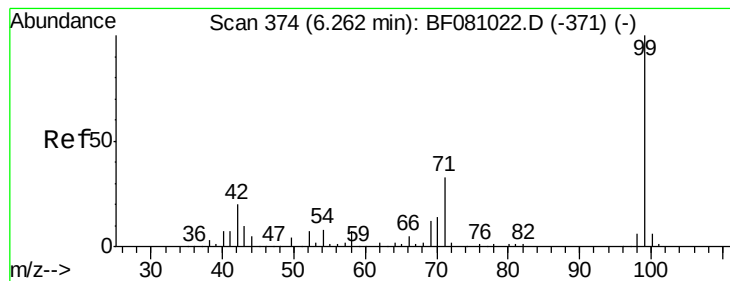


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.08 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

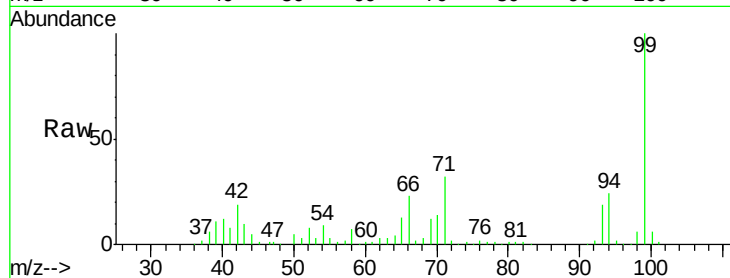
Instrument :

BNA_F

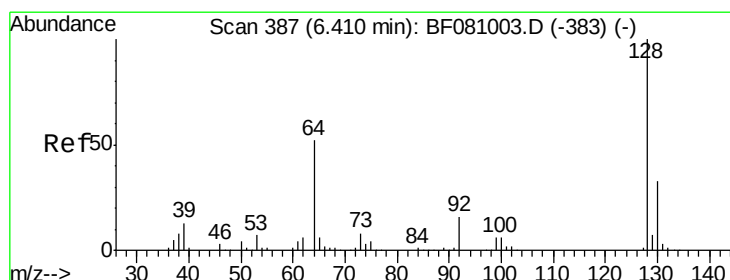
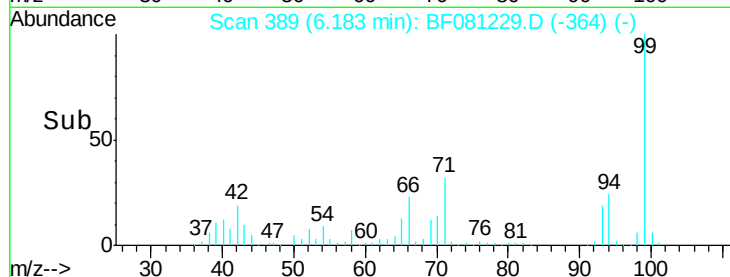
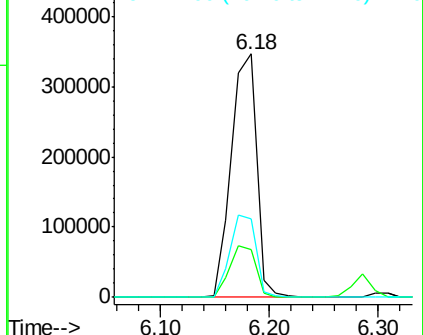
ClientSampleId :

Tot Ion: 99 Resp: 557546

Ion	Ratio	Lower	Upper
99	100		
42	19.5	19.6	29.4#
71	32.3	31.2	46.8



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: 39.70 ng

RT: 6.31 min Scan# 400

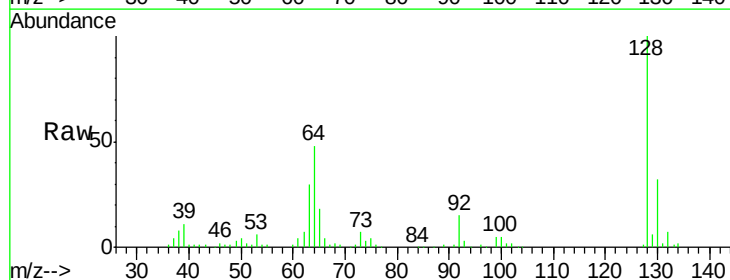
Delta R.T. -0.01 min

Lab File: BF081229.D

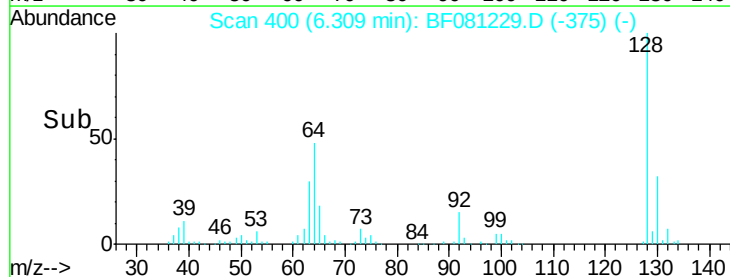
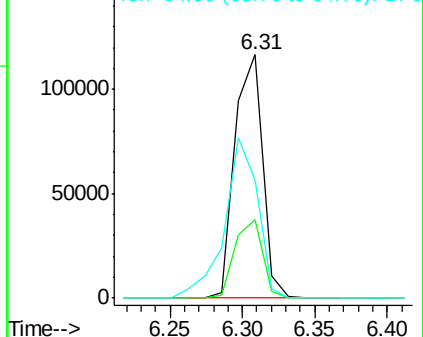
Acq: 26 Aug 2015 23:52

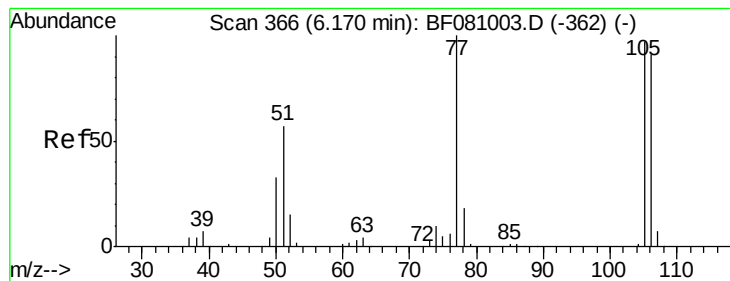
Tgt Ion: 128 Resp: 154648

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	48.4	46.8	86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.04 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

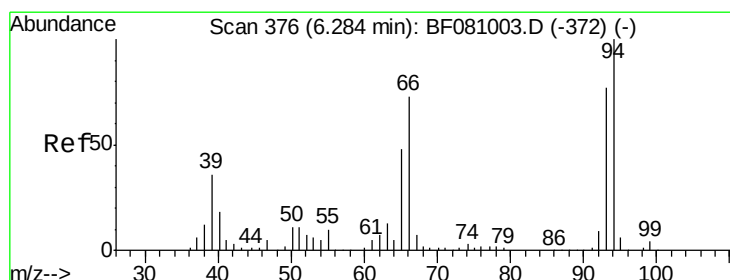
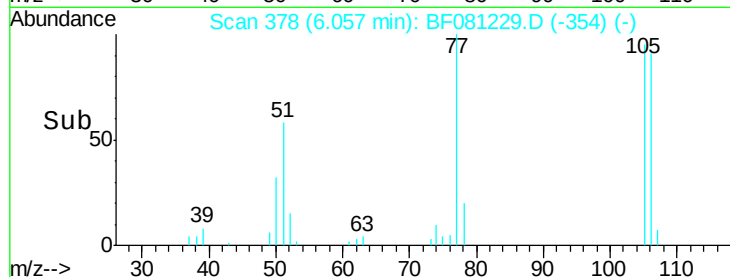
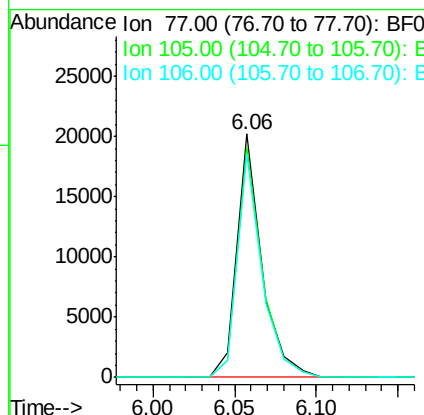
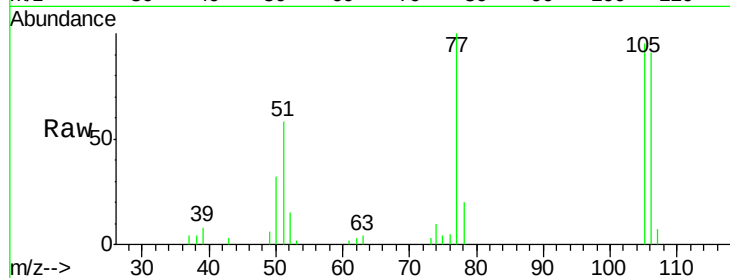
Tot Ion: 77 Resp: 21081

Ion Ratio Lower Upper

77 100

105 94.7 69.6 109.6

106 91.4 64.0 104.0



#10

Phenol

Concen: 34.73 ng

RT: 6.19 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

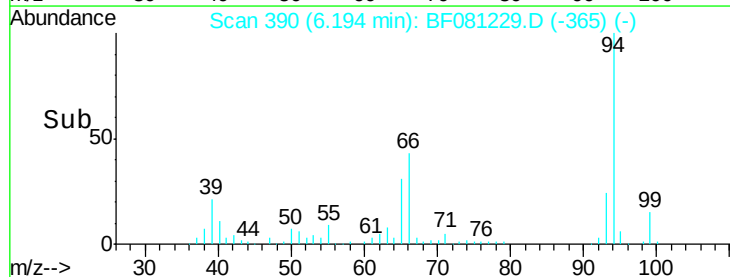
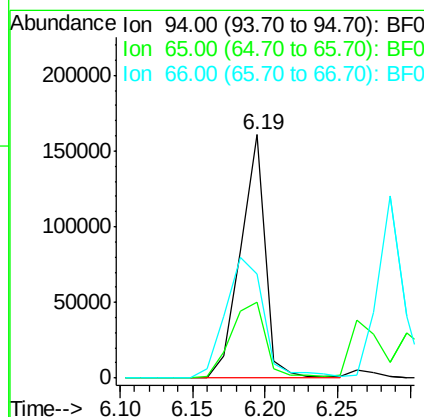
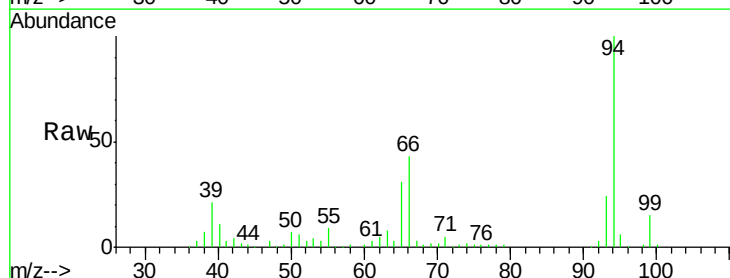
Tgt Ion: 94 Resp: 190469

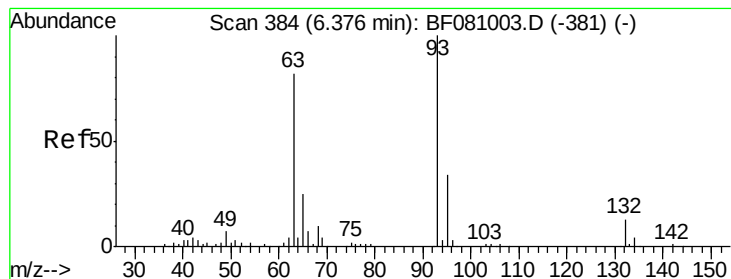
Ion Ratio Lower Upper

94 100

65 31.0 28.4 68.4

66 42.9 52.3 92.3#





#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

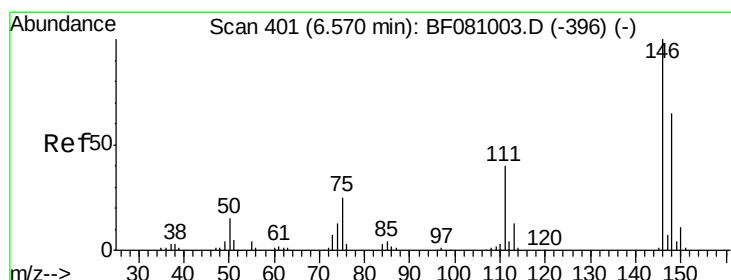
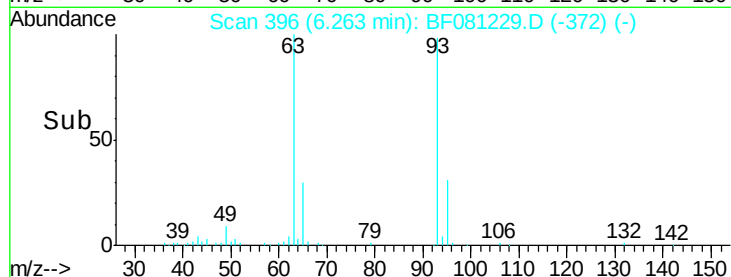
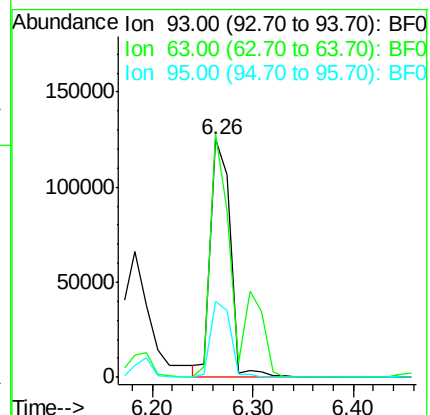
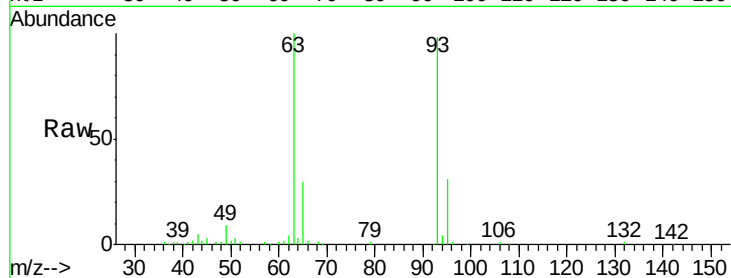
Tot Ion: 93 Resp: 170318

Ion Ratio Lower Upper

93 100

63 102.2 69.6 109.6

95 31.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.49 ng

RT: 6.46 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

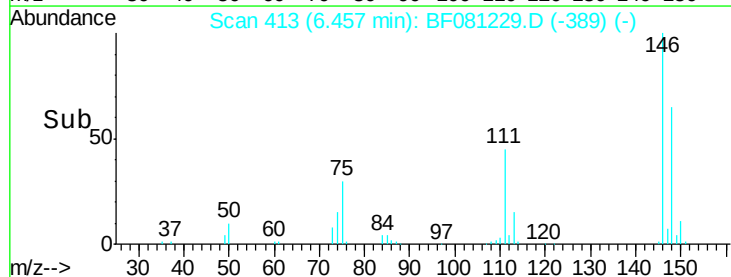
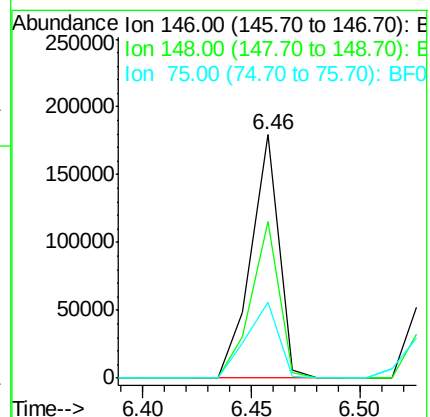
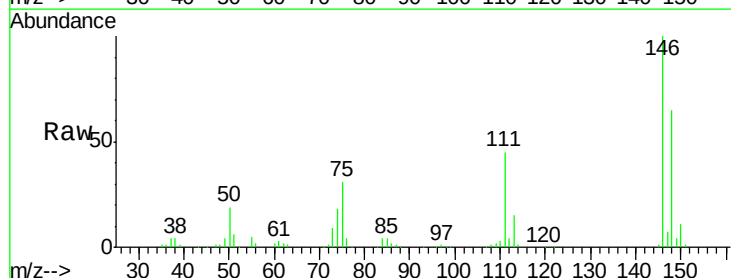
Tgt Ion: 146 Resp: 161086

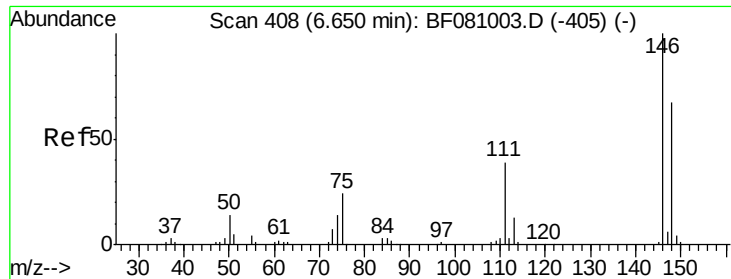
Ion Ratio Lower Upper

146 100

148 64.5 53.3 79.9

75 30.9 25.0 37.6

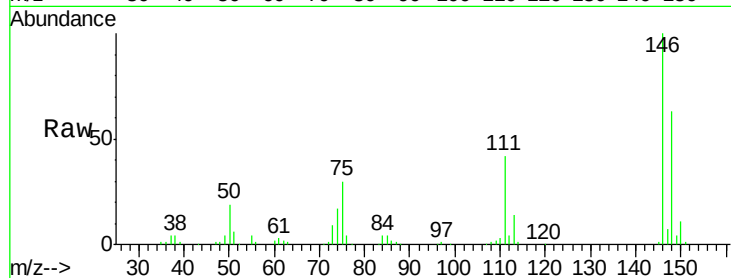




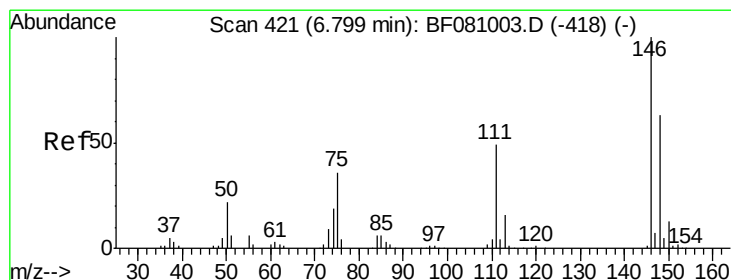
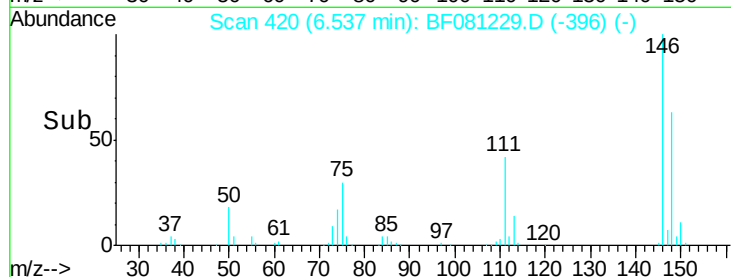
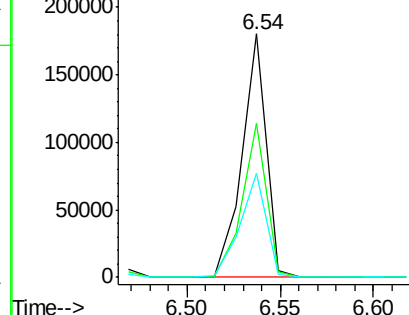
#13
 1,4-Dichlorobenzene
 Concen: 39.55 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 163901
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.3 78.5
 111 42.5 34.4 51.6

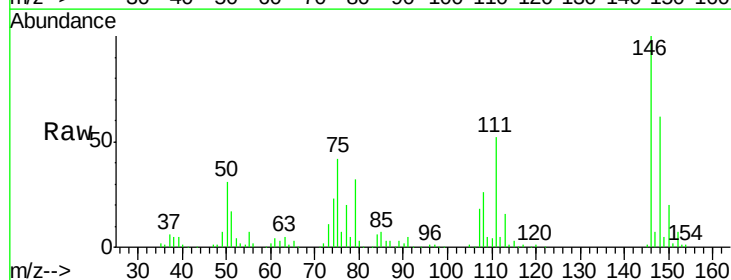


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

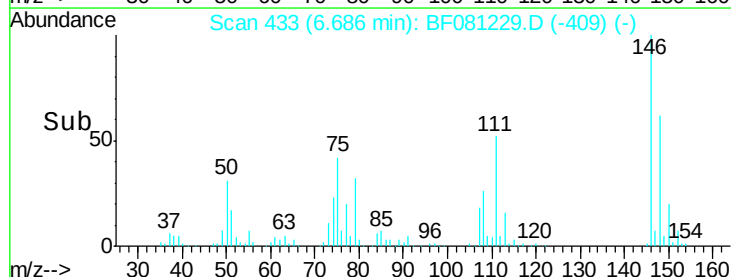
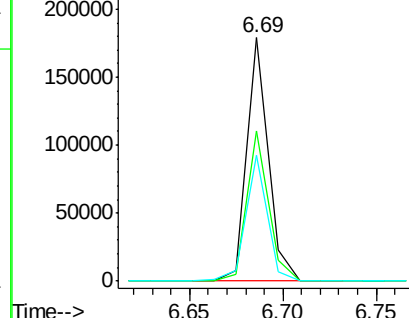


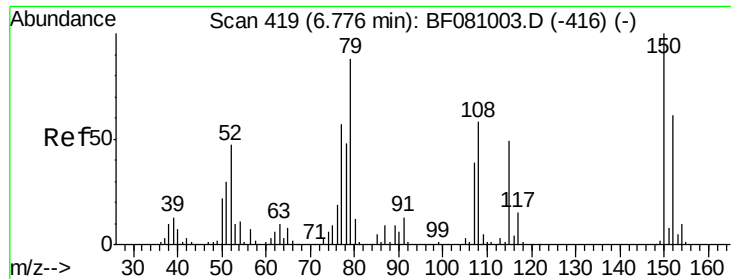
#14
 1,2-Dichlorobenzene
 Concen: 37.12 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion:146 Resp: 143991
 Ion Ratio Lower Upper
 146 100
 148 61.8 48.7 73.1
 111 51.6 42.3 63.5



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

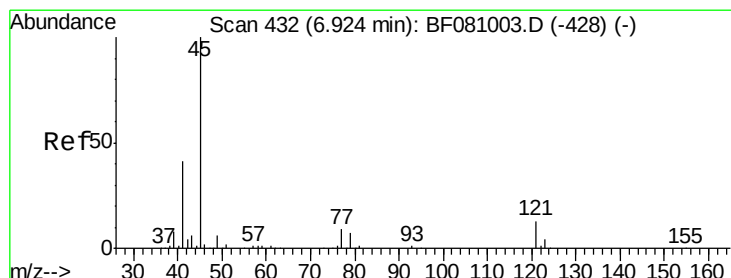
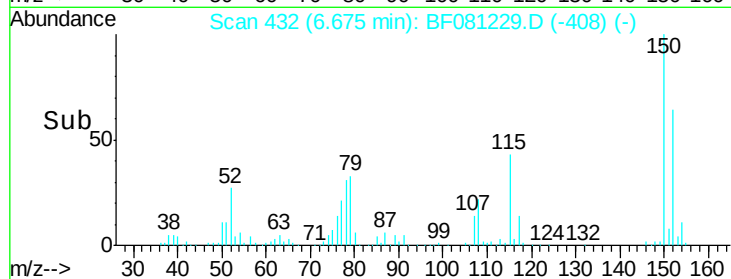
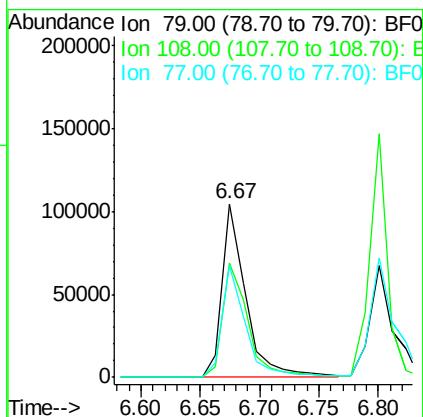
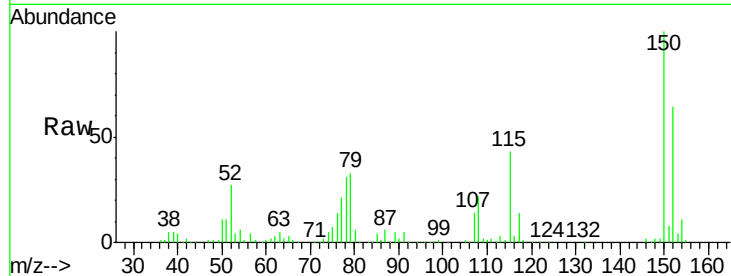




#15
Benzyl Alcohol
Concen: 38.68 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

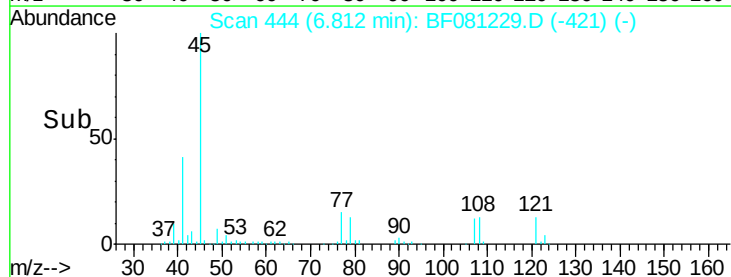
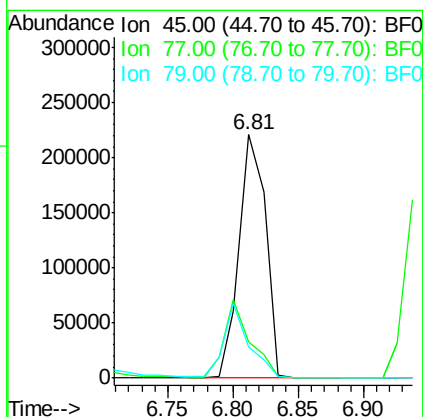
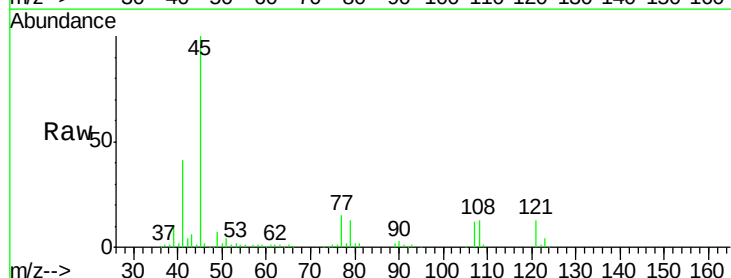
Instrument :
BNA_F
ClientSampleId :

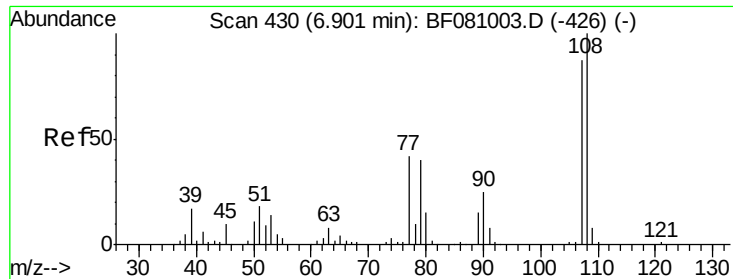
Tot Ion: 79 Resp: 145296
Ion Ratio Lower Upper
79 100
108 66.0 49.4 74.2
77 64.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.85 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion: 45 Resp: 312959
Ion Ratio Lower Upper
45 100
77 15.0 0.0 30.2
79 12.5 0.0 28.0

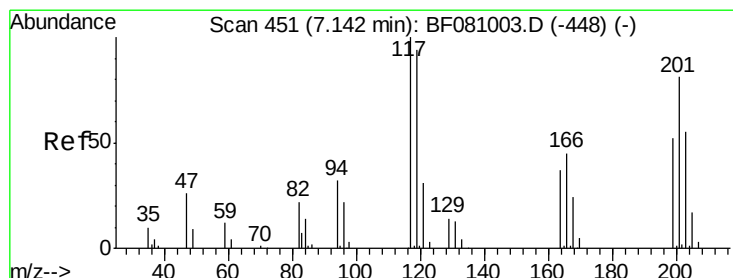
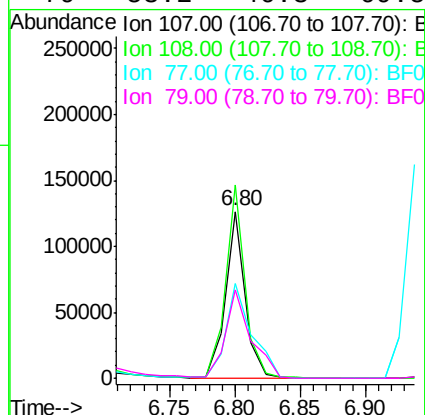
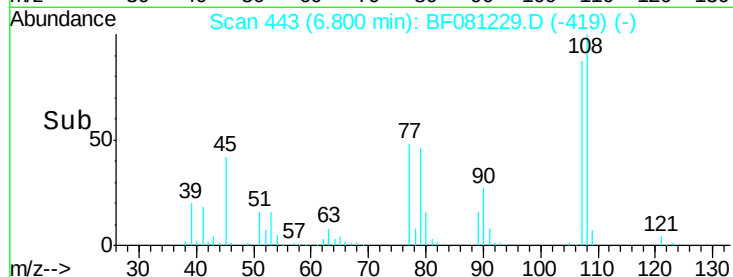
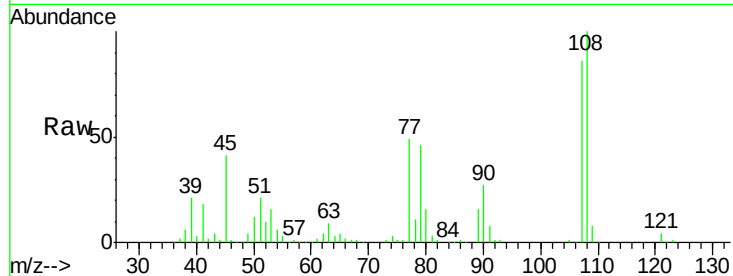




#17
2-Methylphenol
Concen: 39.95 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

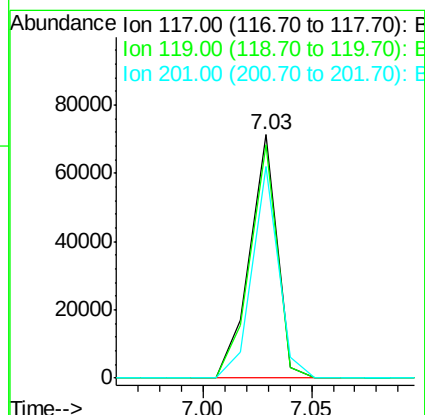
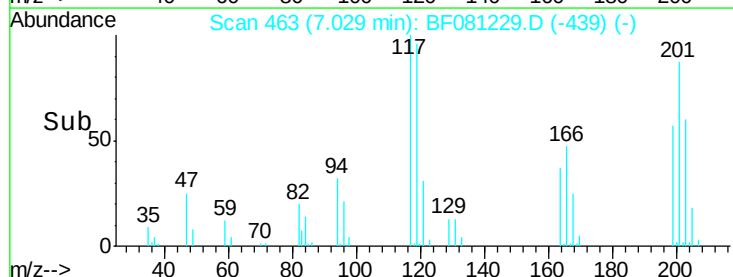
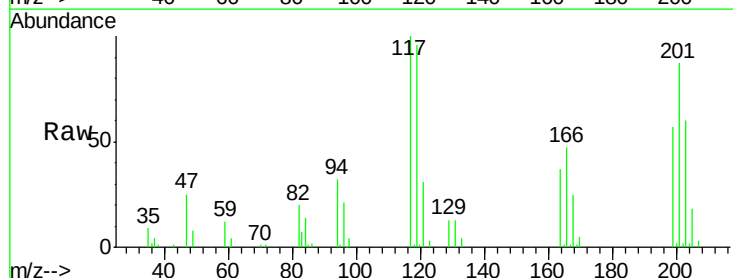
Instrument :
BNA_F
ClientSampled :

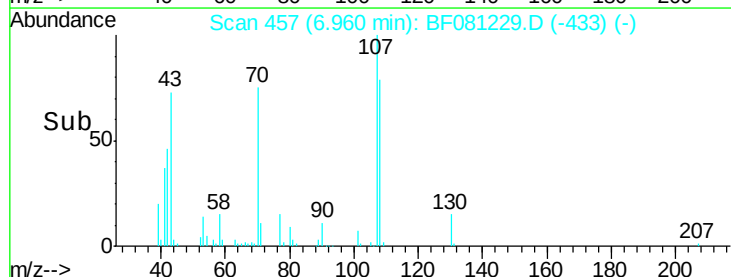
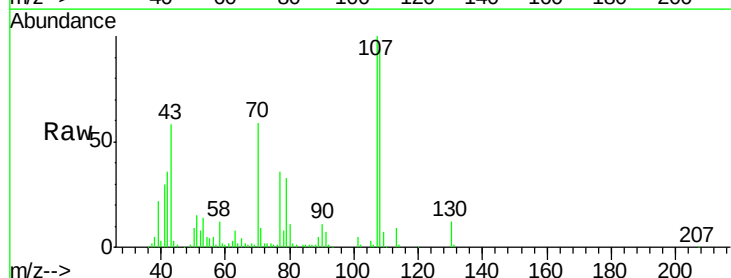
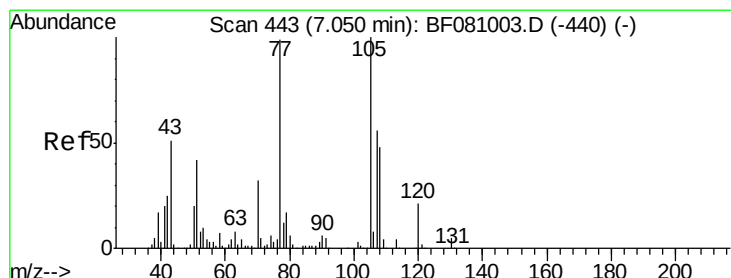
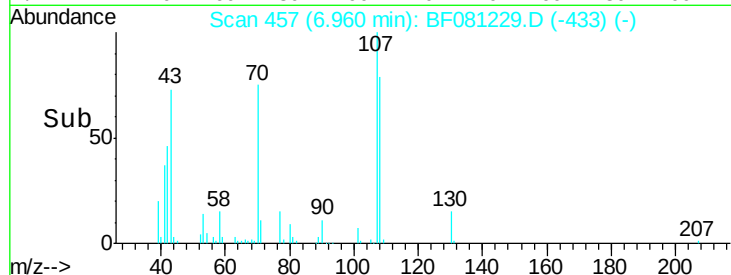
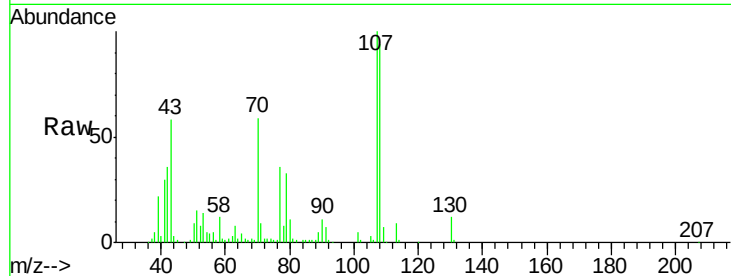
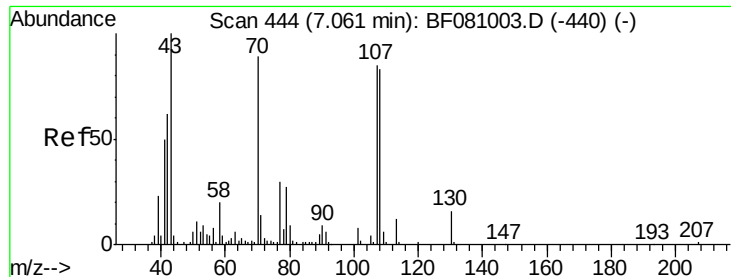
Tot Ion:	107	Resp:	133512
Ion	Ratio	Lower	Upper
107	100		
108	116.0	90.4	135.6
77	56.6	46.5	69.7
79	53.2	46.3	69.5



#18
Hexachloroethane
Concen: 37.45 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:	117	Resp:	62711
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
201	86.7	61.3	91.9

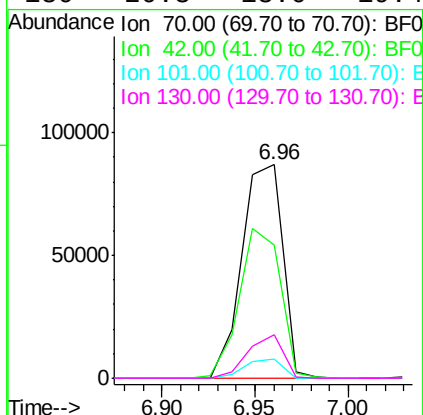




#19
n-Nitroso-di-n-propylamine
Concen: 41.12 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

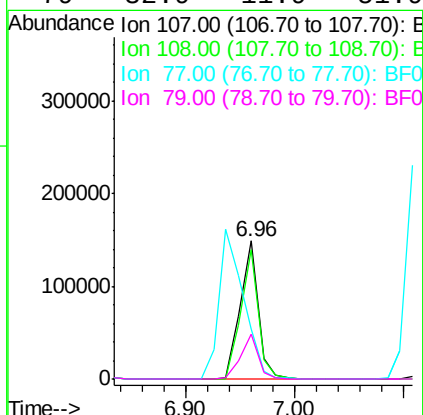
Instrument :
BNA_F
ClientSampleId :

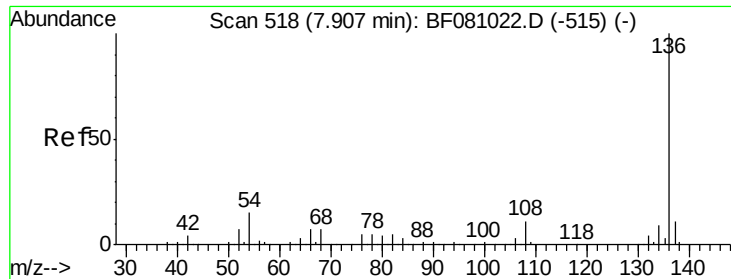
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	65.0	97.4#
101	9.3	7.4	11.2
130	20.3	13.0	19.4#



#20
3+4-Methylphenols
Concen: 40.17 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	66.1	106.1
77	36.4	139.3	179.3#
79	32.9	11.9	51.9

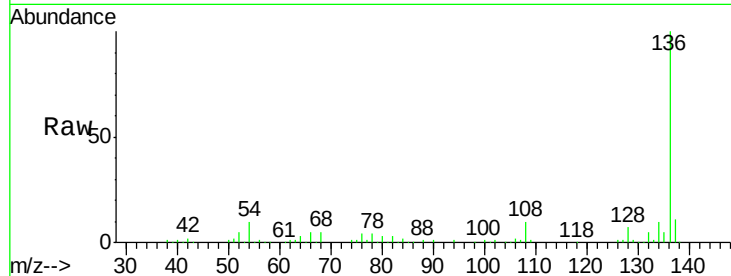




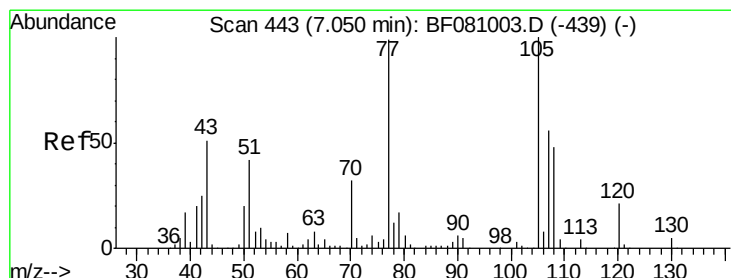
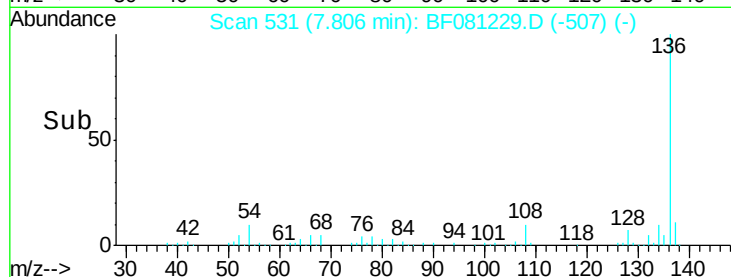
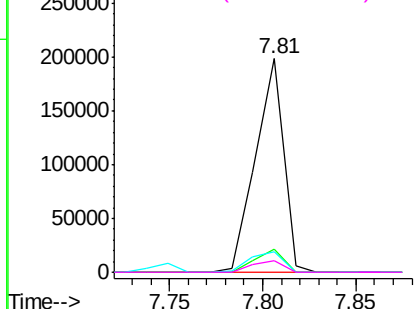
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	205974
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.2	12.2
54 9.7	7.7	11.5
68 5.1	3.4	5.2

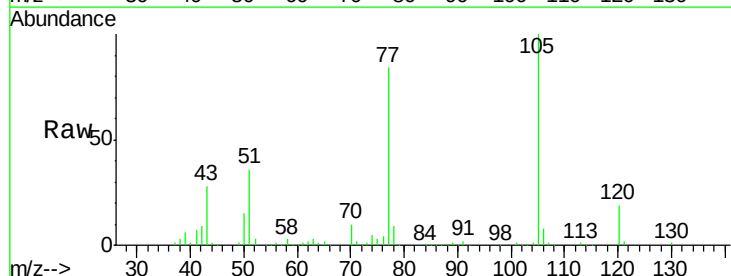


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

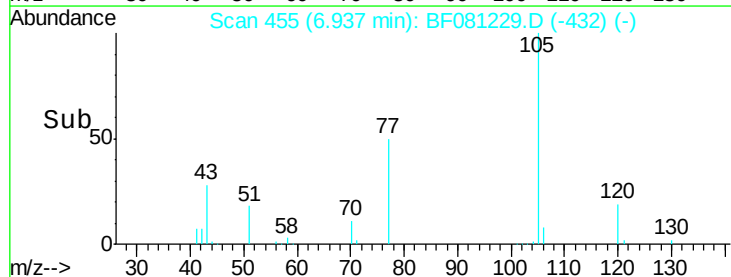
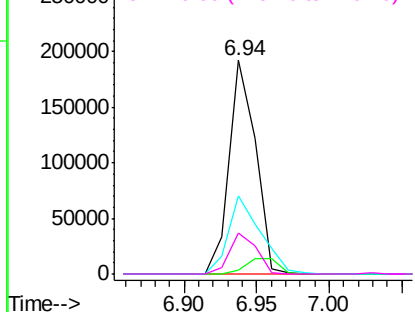


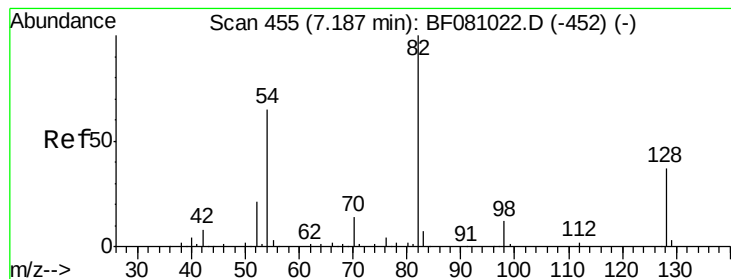
#22
Acetophenone
Concen: 44.80 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:105	Resp:	242263
Ion Ratio	Lower	Upper
105 100		
71 1.9	3.0	4.6#
51 36.3	39.8	59.8#
120 19.1	15.8	23.8



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





#23

Nitrobenzene-d5

Concen: 90.40 ng

RT: 7.10 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampled :

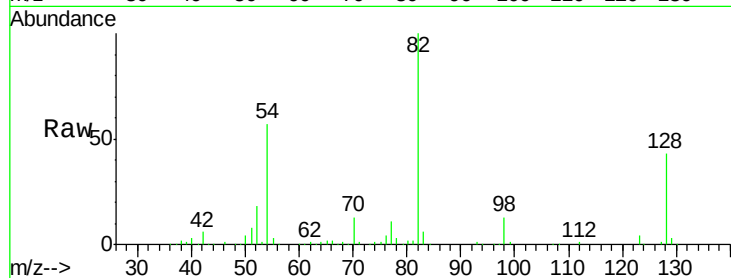
Tot Ion: 82 Resp: 407605

Ion Ratio Lower Upper

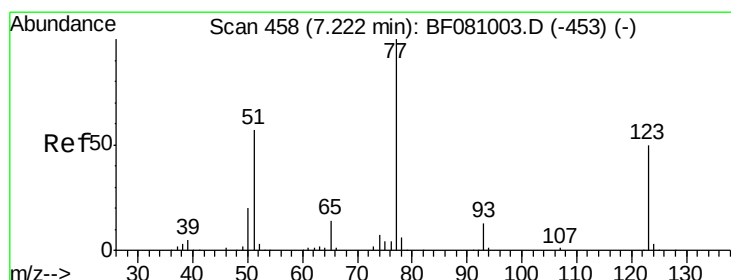
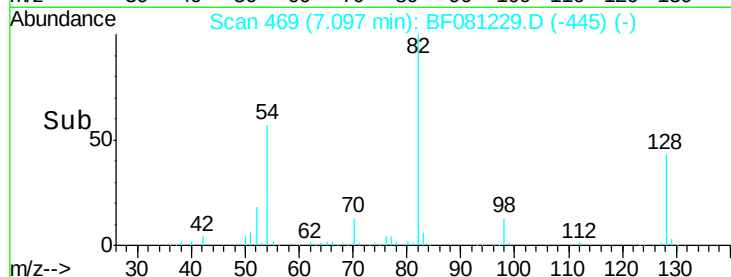
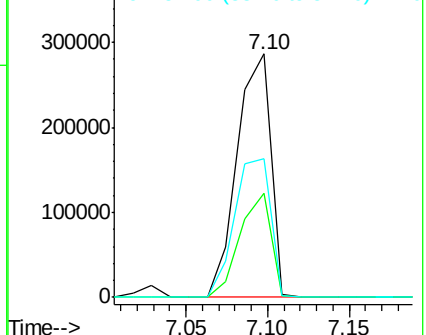
82 100

128 42.5 28.6 42.8

54 56.7 55.1 82.7



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: 41.37 ng

RT: 7.11 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

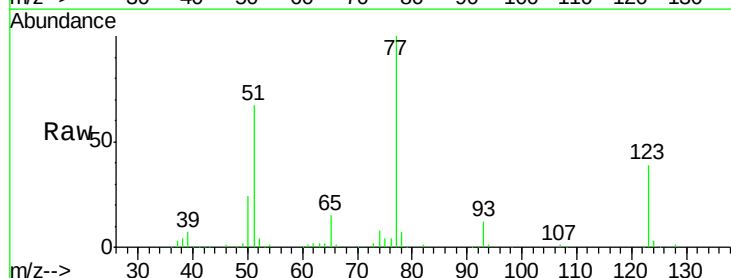
Tgt Ion: 77 Resp: 195045

Ion Ratio Lower Upper

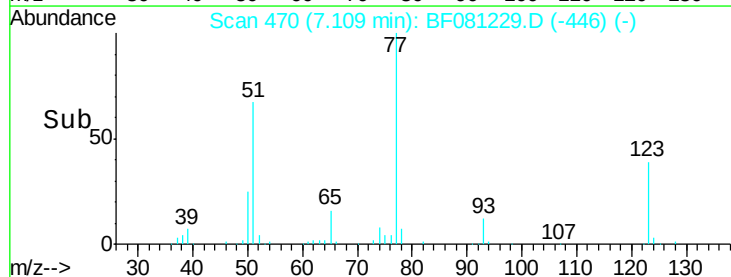
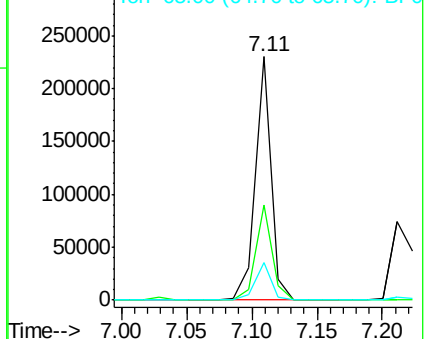
77 100

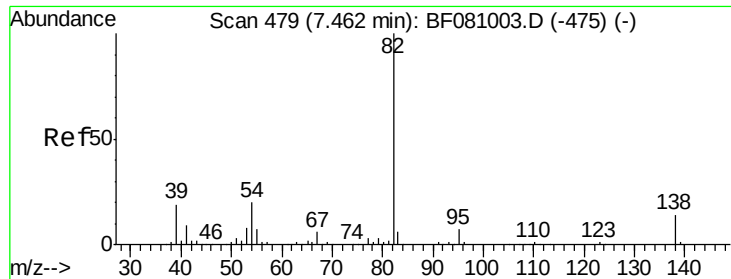
123 38.9 32.9 49.3

65 15.5 12.5 18.7



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: 40.36 ng

RT: 7.36 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

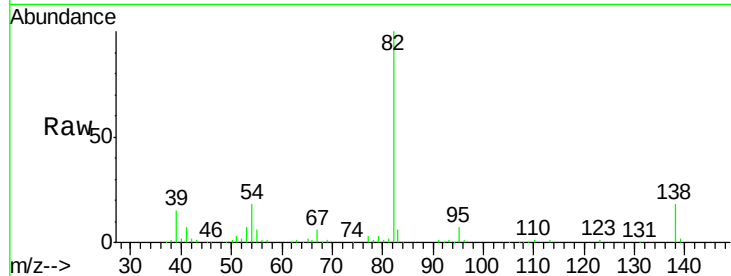
Tot Ion: 82 Resp: 339360

Ion Ratio Lower Upper

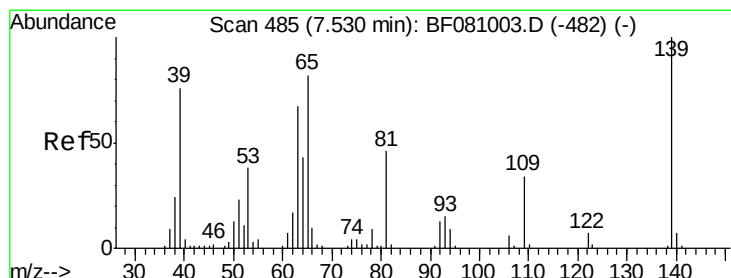
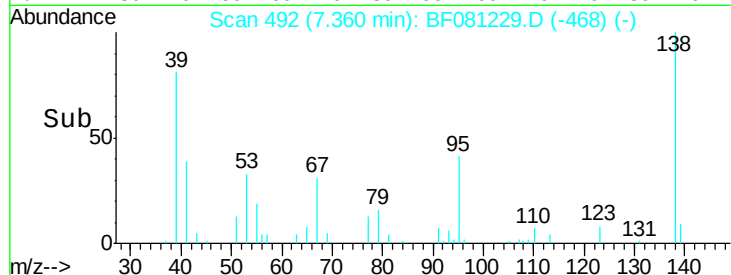
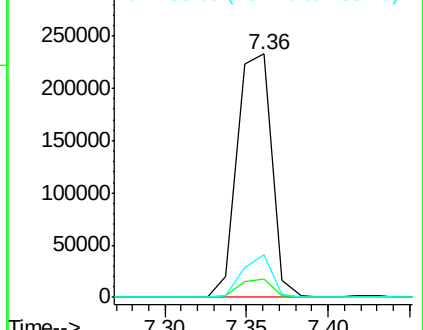
82 100

95 7.3 6.2 9.2

138 17.7 10.5 15.7#



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: 45.07 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

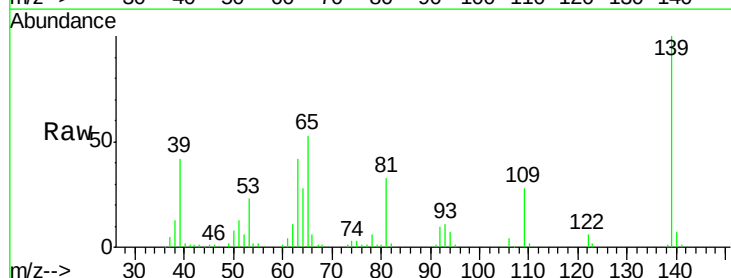
Tgt Ion: 139 Resp: 88369

Ion Ratio Lower Upper

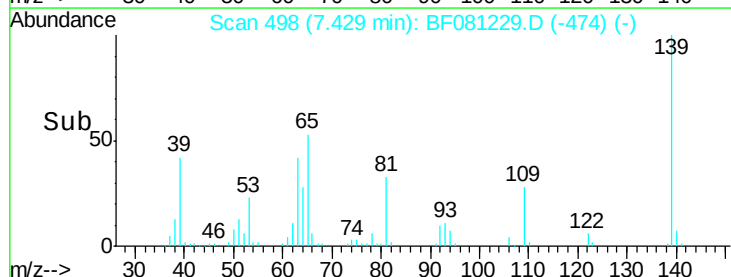
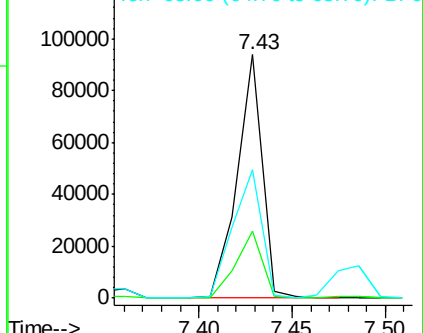
139 100

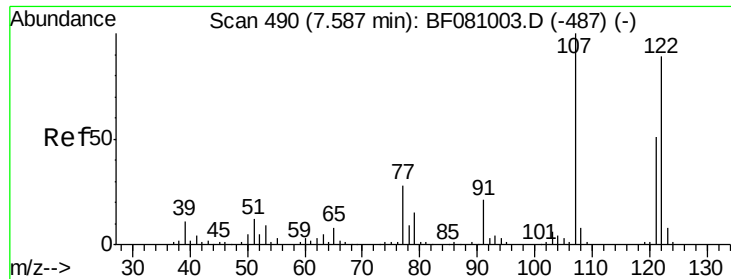
109 27.7 32.1 48.1#

65 52.5 69.9 104.9#



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

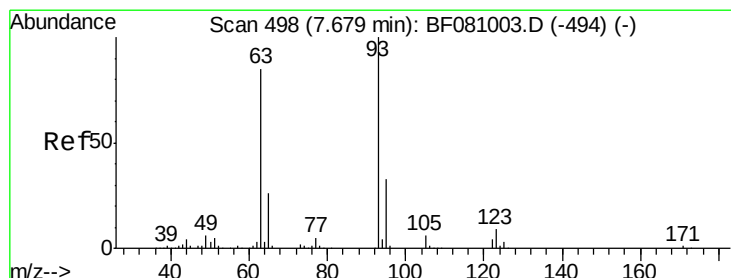
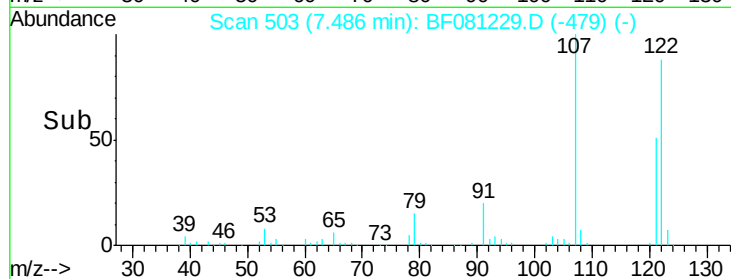
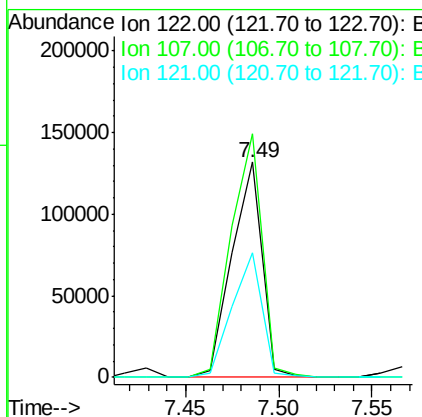
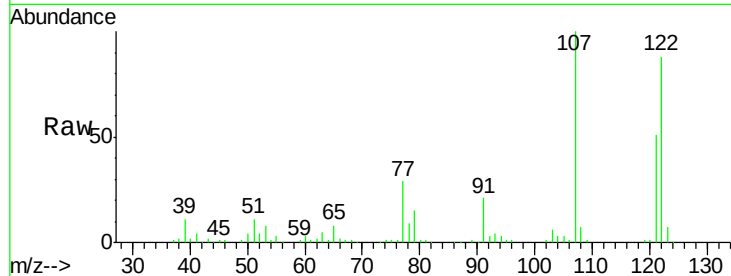




#27
 2,4-Dimethylphenol
 Concen: 43.38 ng
 RT: 7.49 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

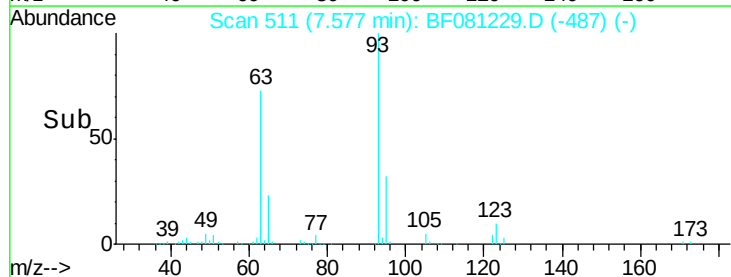
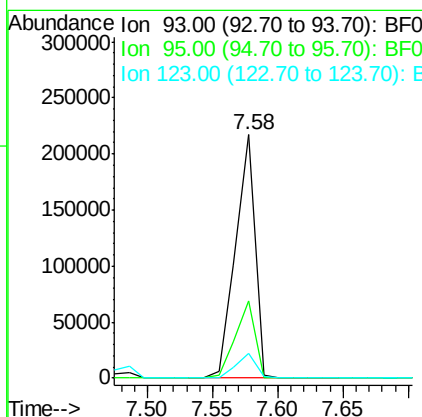
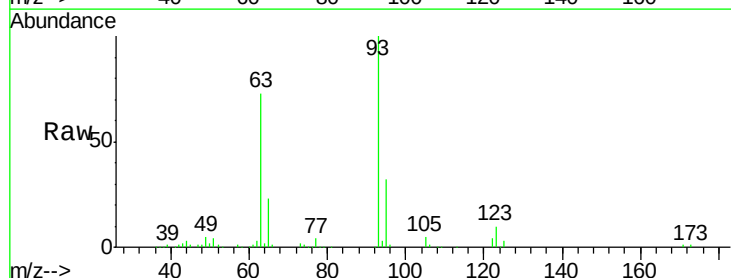
Instrument :
 BNA_F
 ClientSampleId :

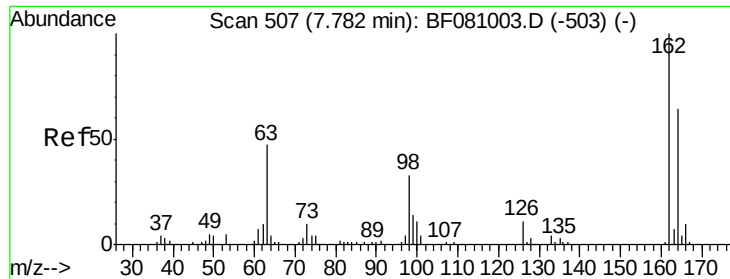
Tot Ion:122 Resp: 150468
 Ion Ratio Lower Upper
 122 100
 107 113.2 103.8 155.6
 121 57.8 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.42 ng
 RT: 7.58 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion: 93 Resp: 225641
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.8
 123 9.9 7.4 11.0

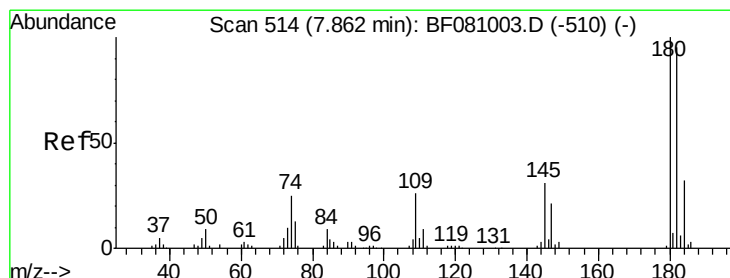
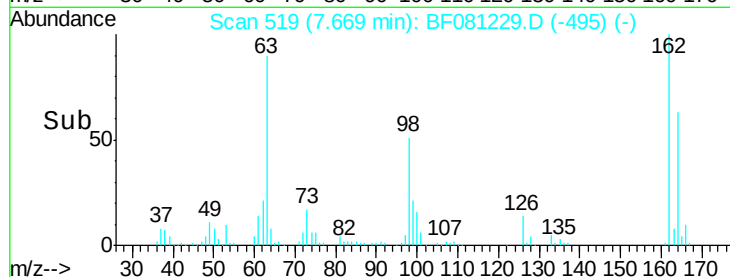
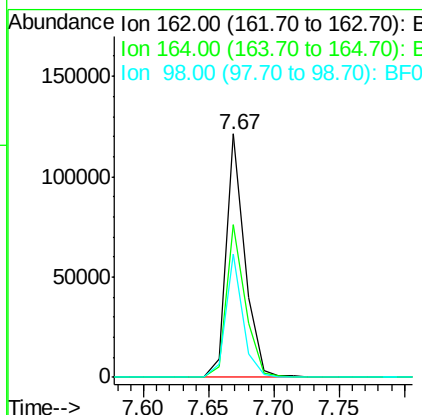
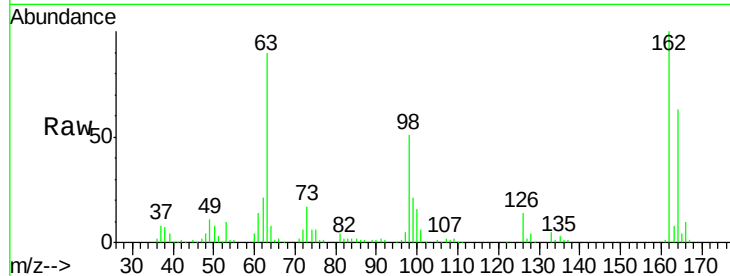




#29
2,4-Dichlorophenol
Concen: 41.43 ng
RT: 7.67 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

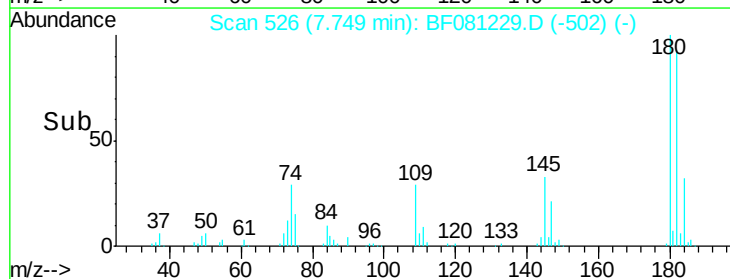
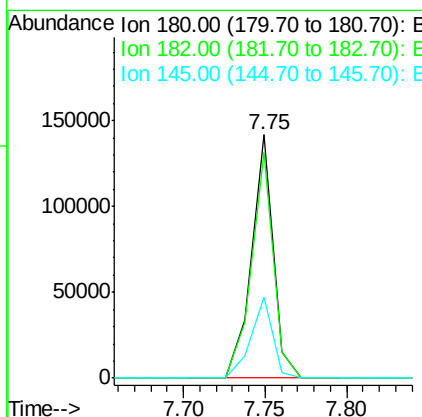
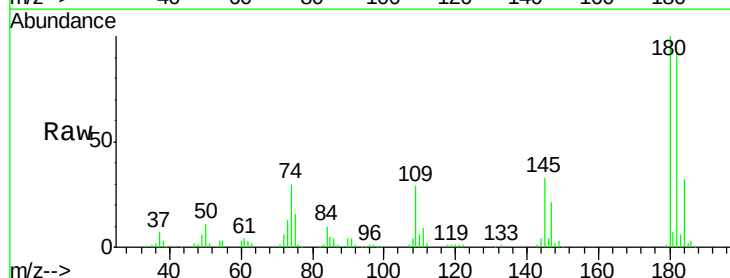
Instrument :
BNA_F
ClientSampleId :

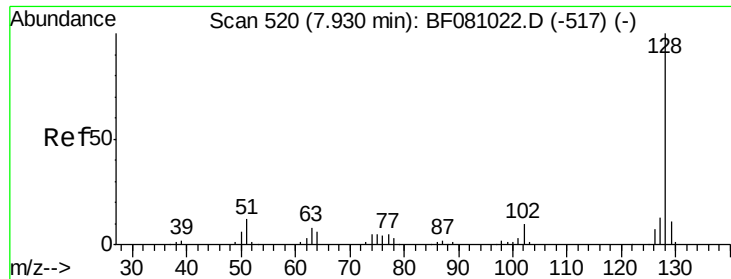
Tot Ion:162 Resp: 120978
Ion Ratio Lower Upper
162 100
164 62.6 43.2 83.2
98 50.7 12.3 52.3



#30
1,2,4-Trichlorobenzene
Concen: 40.48 ng
RT: 7.75 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:180 Resp: 131379
Ion Ratio Lower Upper
180 100
182 92.6 76.4 114.6
145 33.4 25.4 38.2

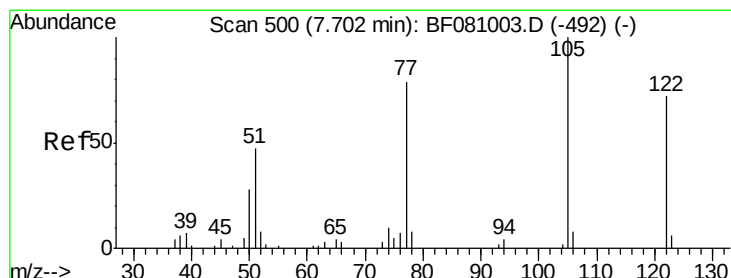
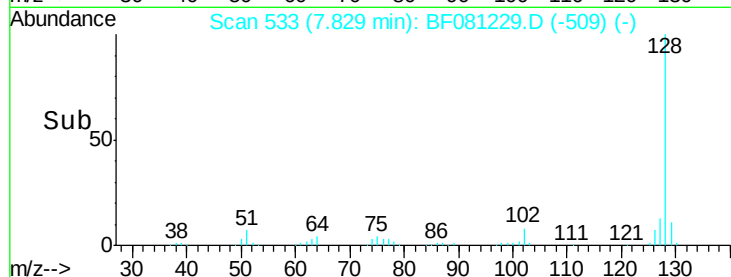
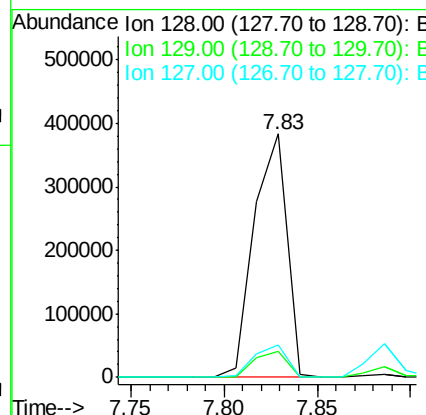
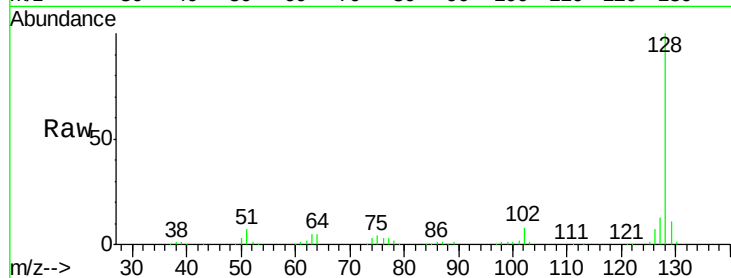




#31
Naphthalene
Concen: 40.60 ng
RT: 7.83 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

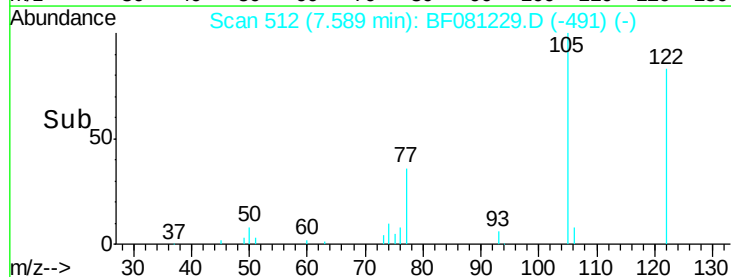
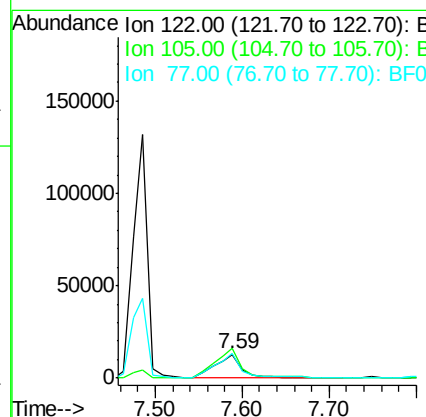
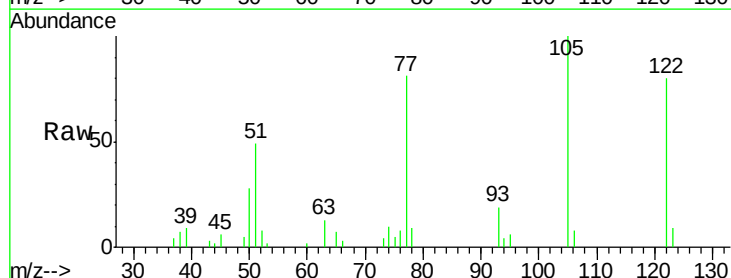
Instrument :
BNA_F
ClientSampleId :

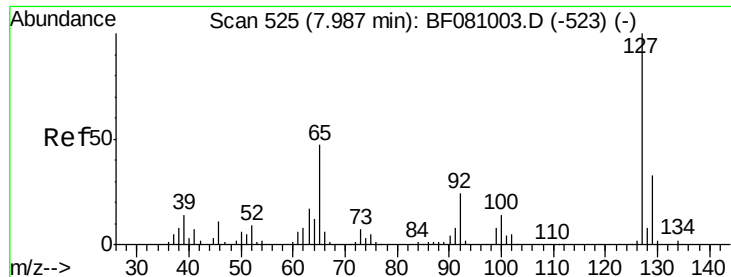
Tot Ion:128 Resp: 466127
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 14.82 ng
RT: 7.59 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:122 Resp: 28909
Ion Ratio Lower Upper
122 100
105 124.7 113.8 153.8
77 101.6 93.8 133.8

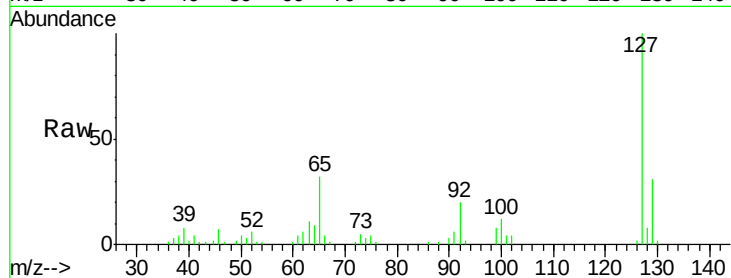




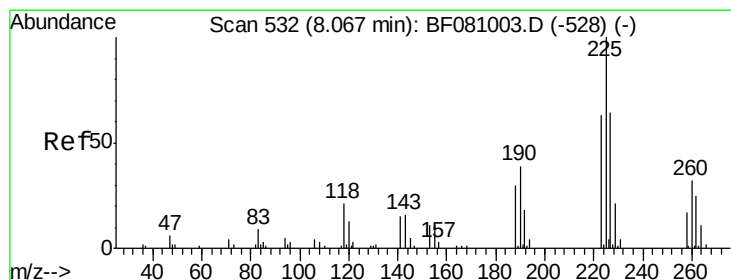
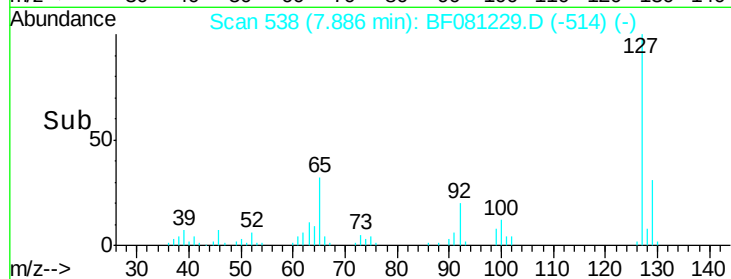
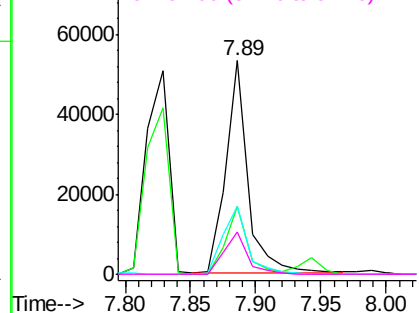
#33
4-Chloroaniline
Concen: 12.95 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	62726
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.2	37.8
65	31.8	37.8	56.6
92	19.7	19.5	29.3

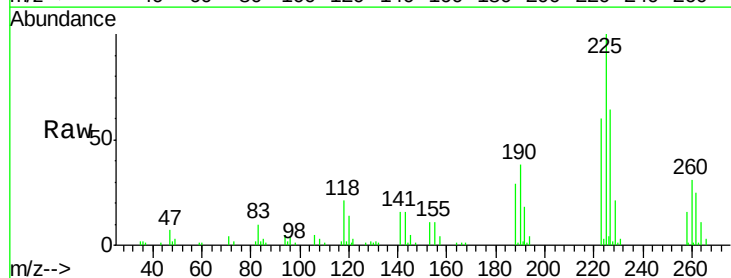


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

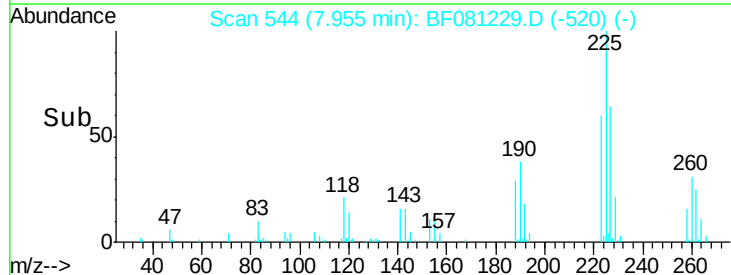
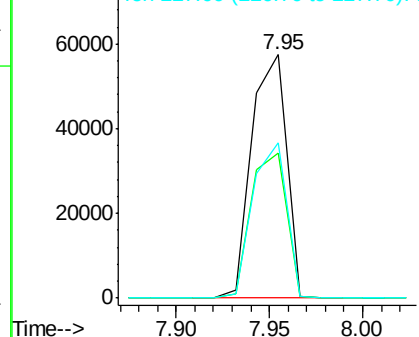


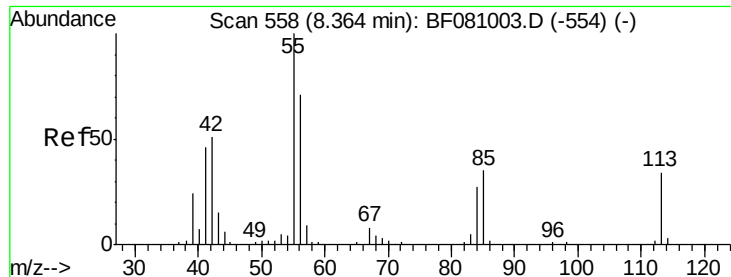
#34
Hexachlorobutadiene
Concen: 40.43 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:	225	Resp:	74208
Ion	Ratio	Lower	Upper
225	100		
223	59.6	52.6	79.0
227	63.6	51.1	76.7



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

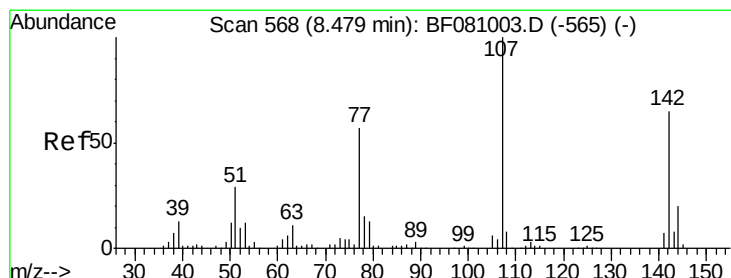
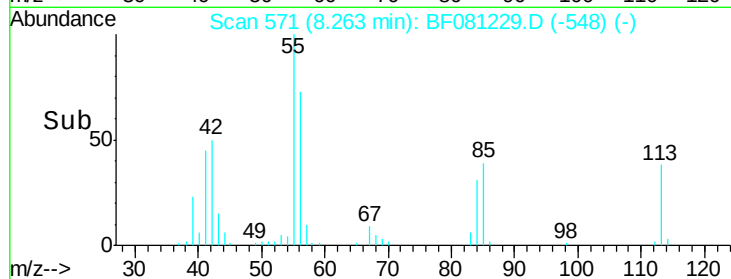
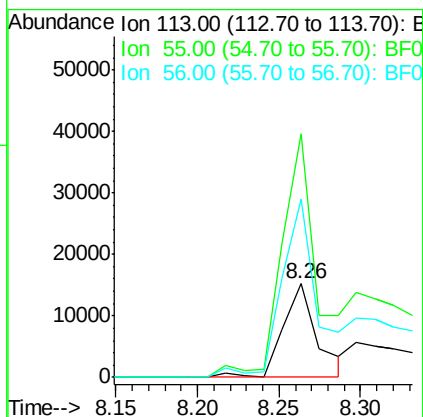
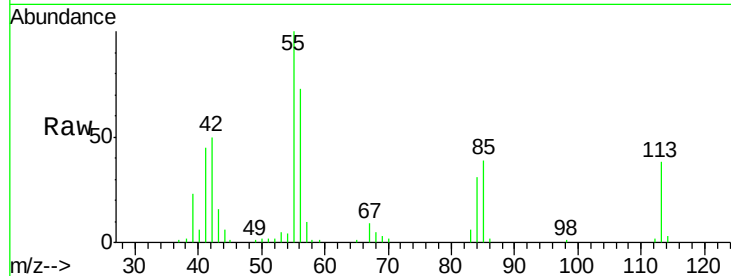




#35
 Caprolactam
 Concen: 21.62 ng
 RT: 8.26 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

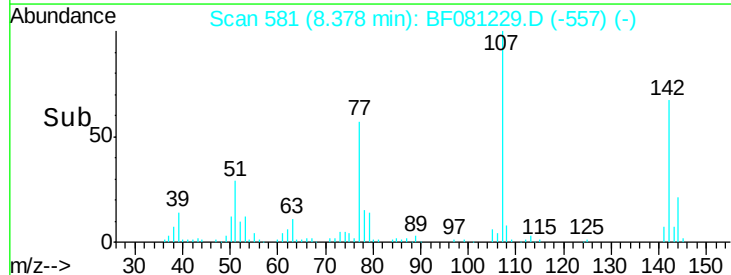
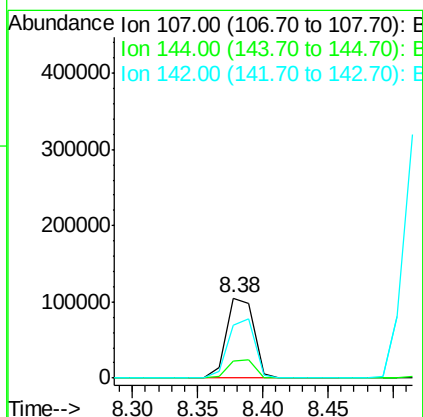
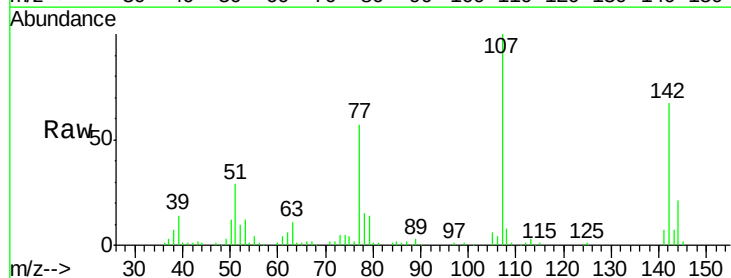
Instrument :
 BNA_F
 ClientSampled :

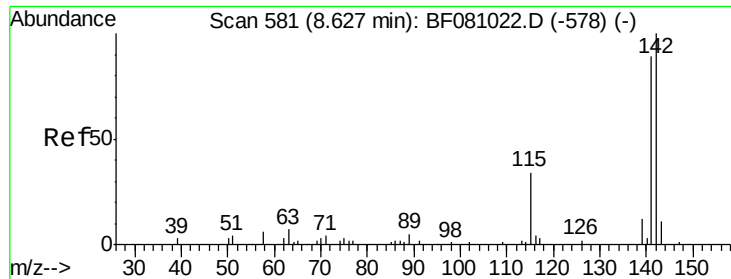
Tot Ion:113 Resp: 22068
 Ion Ratio Lower Upper
 113 100
 55 260.6 280.4 320.4#
 56 190.5 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 44.44 ng
 RT: 8.38 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion:107 Resp: 154671
 Ion Ratio Lower Upper
 107 100
 144 21.0 17.2 25.8
 142 66.6 54.9 82.3

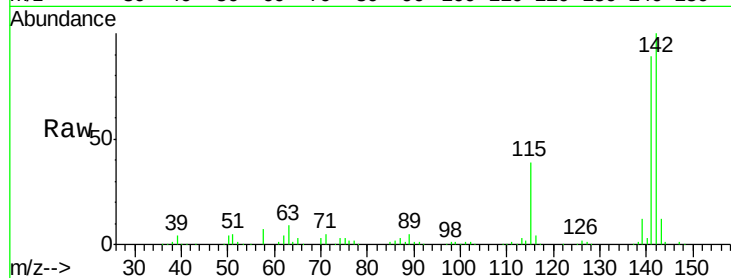




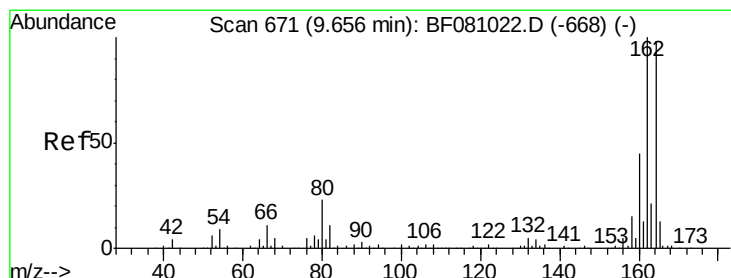
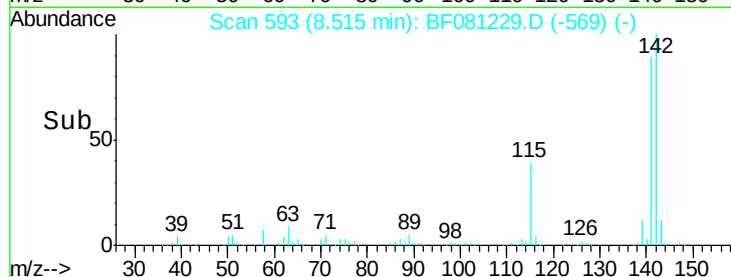
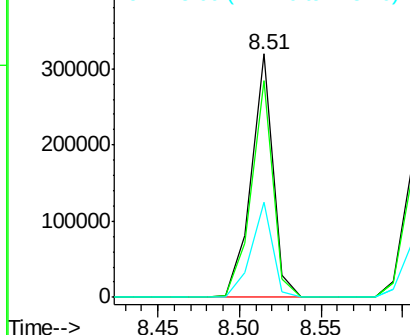
#37
 2-Methylnaphthalene
 Concen: 41.01 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 297424
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.4 107.2
 115 39.3 33.4 50.0

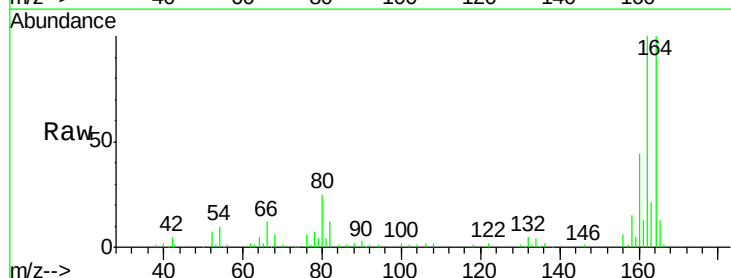


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

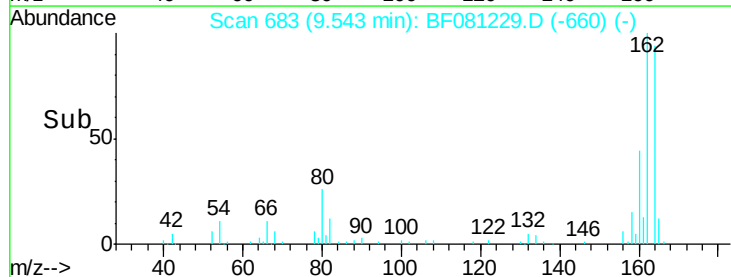
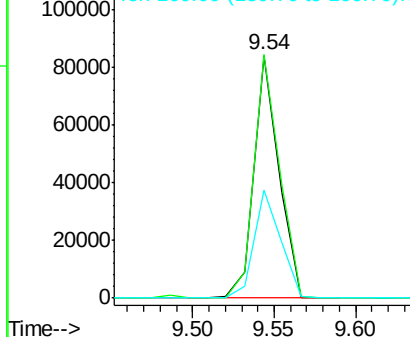


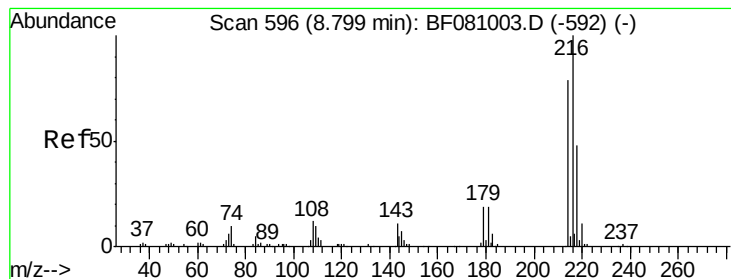
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion:164 Resp: 89220
 Ion Ratio Lower Upper
 164 100
 162 100.4 83.8 125.8
 160 44.4 39.8 59.8



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: 45.43 ng

RT: 8.69 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 130761

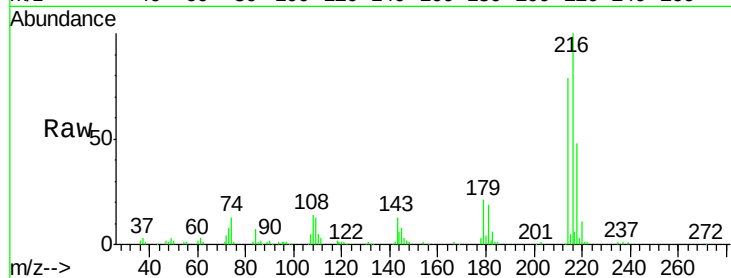
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 22.4 17.8 26.8

108 21.8 16.2 24.2

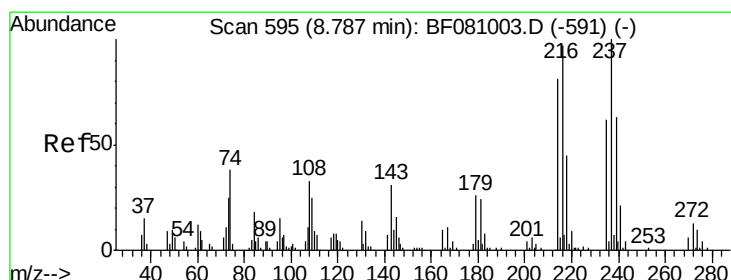
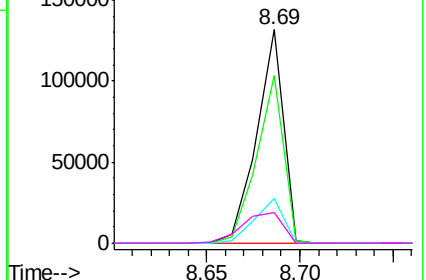
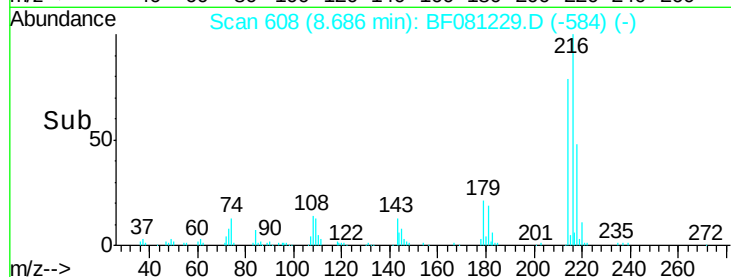


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.77 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

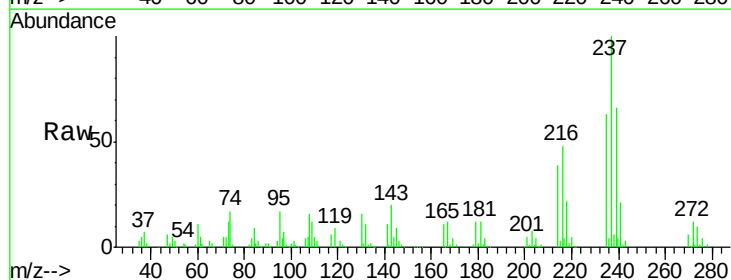
Tgt Ion:237 Resp: 121832

Ion Ratio Lower Upper

237 100

235 63.1 43.6 83.6

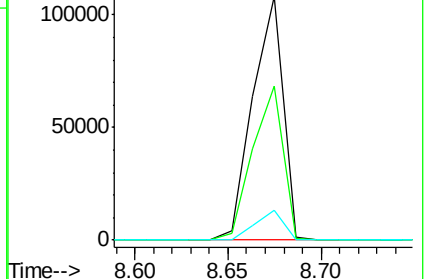
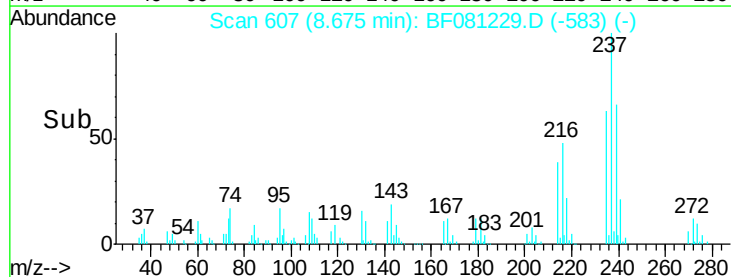
272 12.1 0.0 32.2

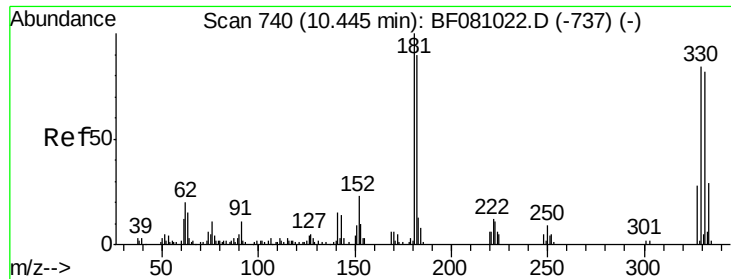


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 118.00 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampled :

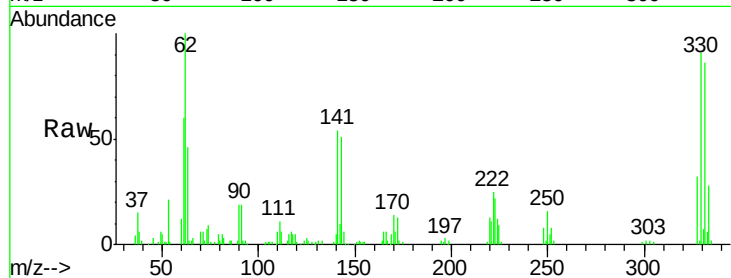
Tot Ion:330 Resp: 91263

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

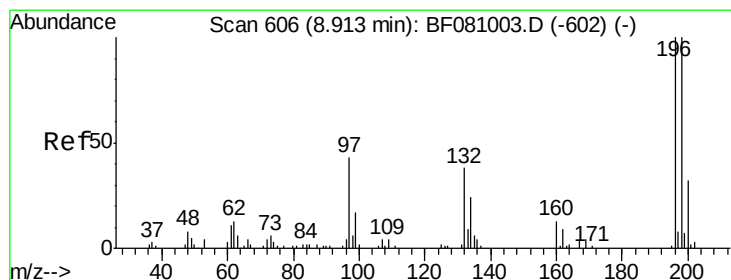
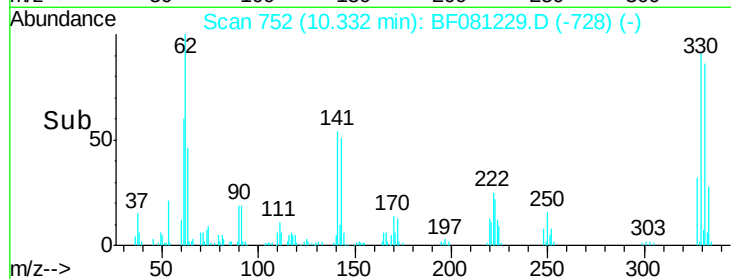
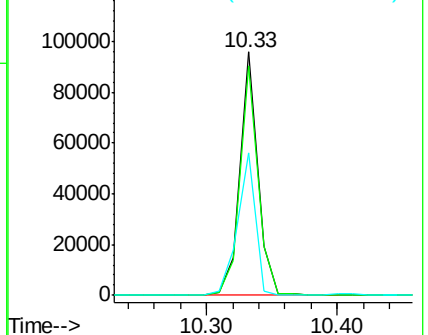
141 58.3 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.83 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

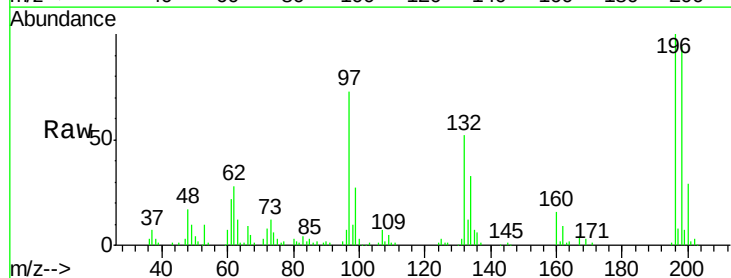
Tgt Ion:196 Resp: 89125

Ion Ratio Lower Upper

196 100

198 94.2 74.6 111.8

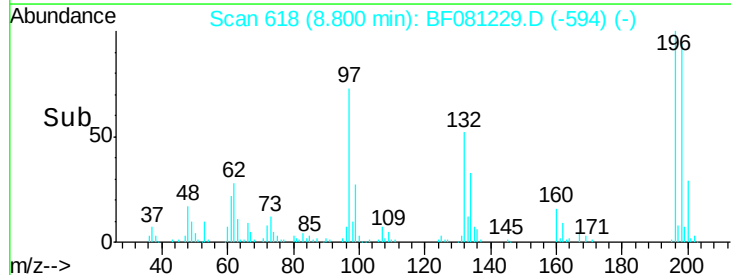
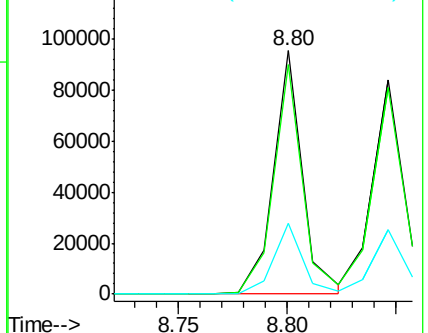
200 28.9 22.7 34.1

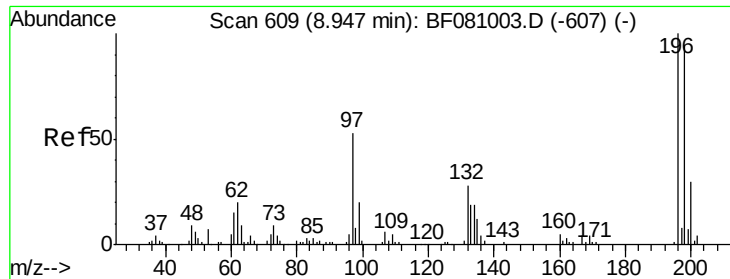


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

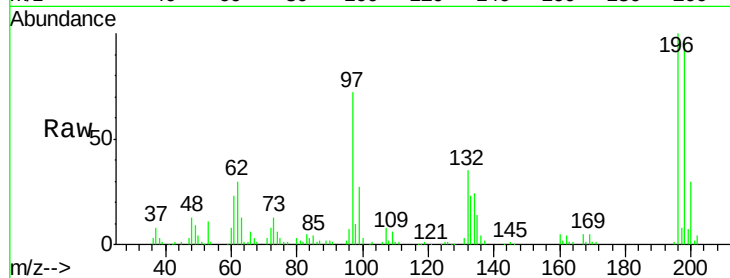




#43
 2,4,5-Trichlorophenol
 Concen: 41.89 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.3	117.5
97	71.5	42.7	64.1#
132	35.4	23.3	34.9#



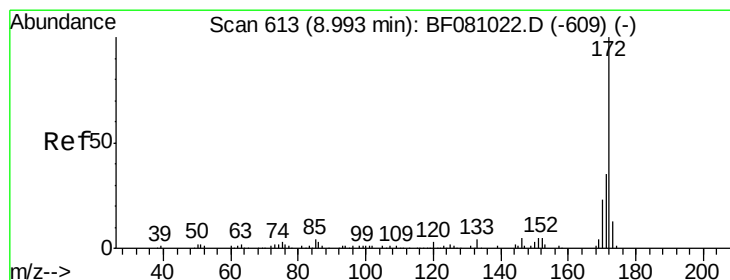
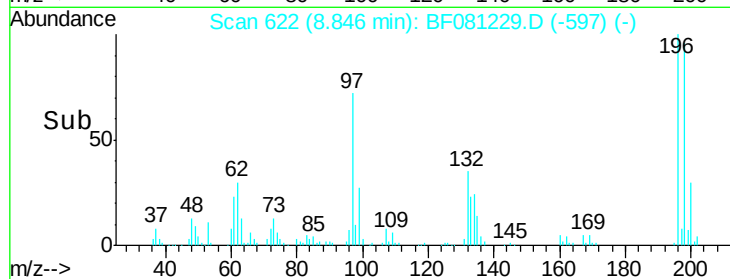
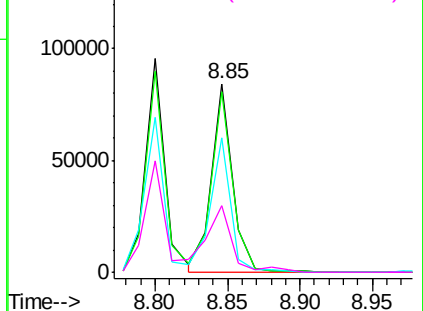
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

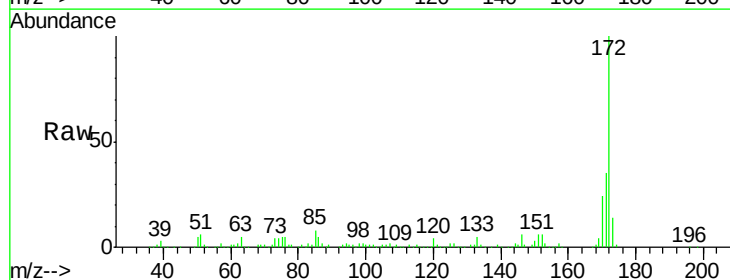
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.58 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.0	19.4	29.2

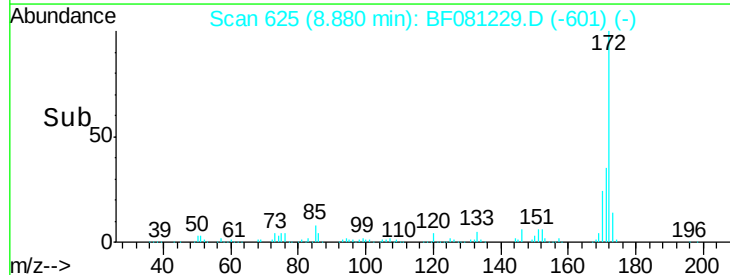
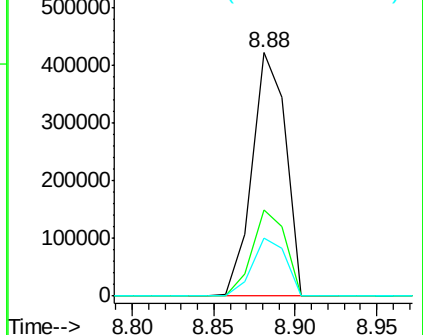


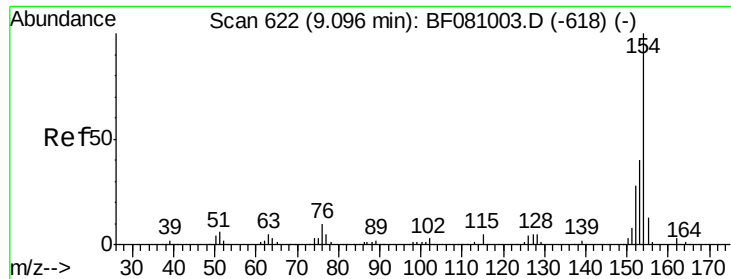
Abundance

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: 49.25 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

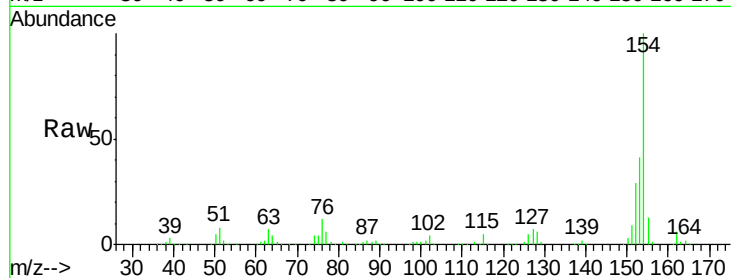
Tot Ion:154 Resp: 387080

Ion Ratio Lower Upper

154 100

153 41.1 19.5 59.5

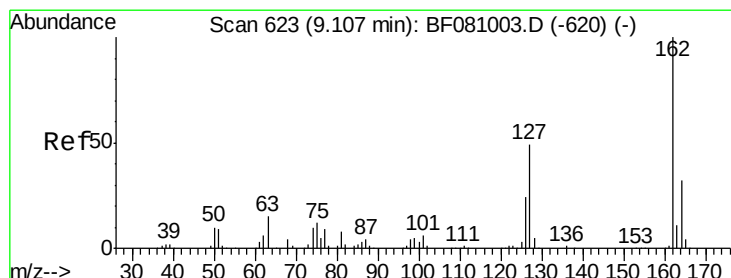
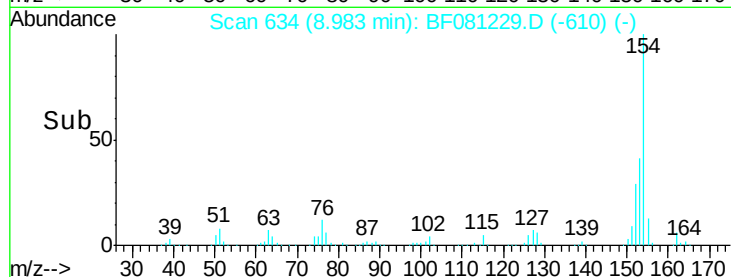
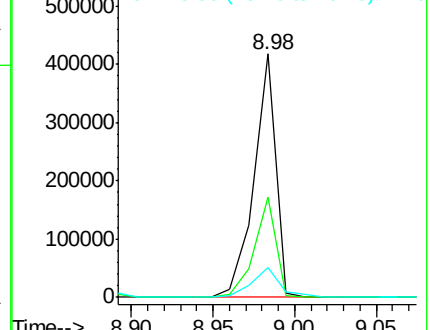
76 12.3 0.0 29.3



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: 42.13 ng

RT: 9.01 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

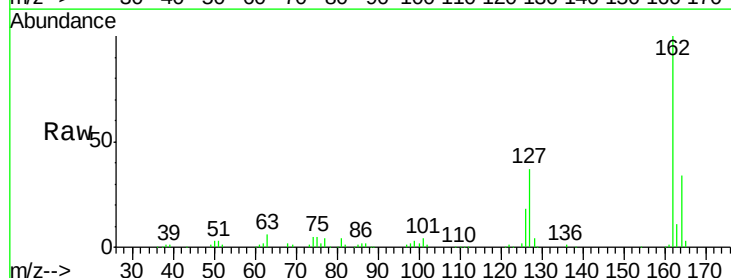
Tgt Ion:162 Resp: 265967

Ion Ratio Lower Upper

162 100

127 36.7 31.3 46.9

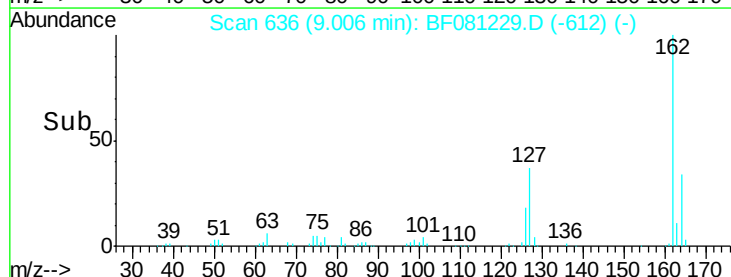
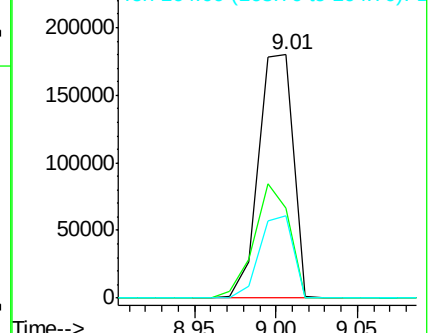
164 33.8 26.3 39.5

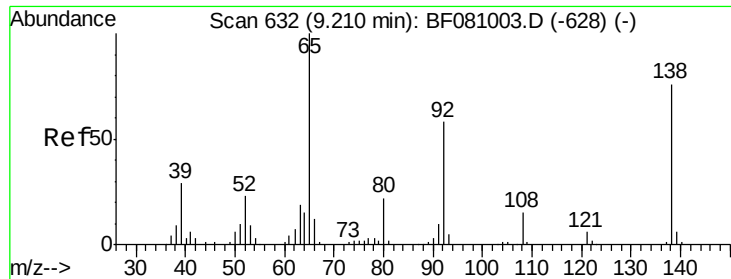


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.13 ng

RT: 9.10 min Scan# 644

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

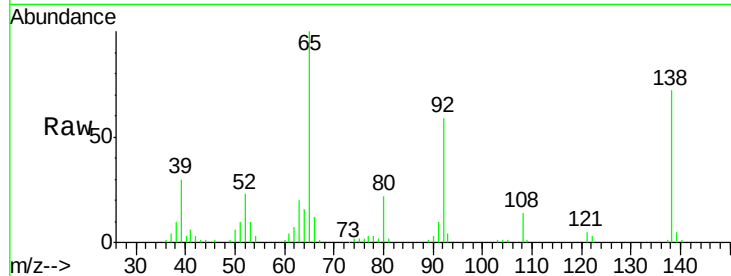
Tot Ion: 65 Resp: 101110

Ion Ratio Lower Upper

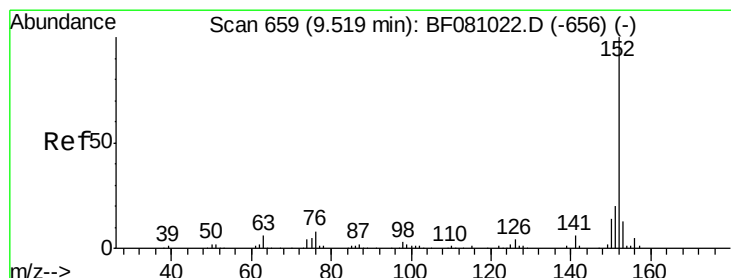
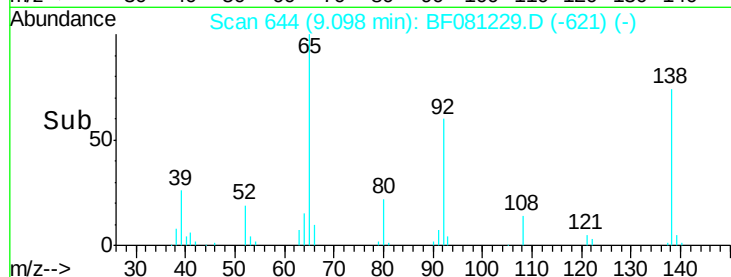
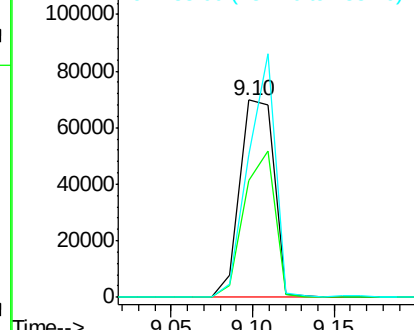
65 100

92 59.1 45.6 68.4

138 72.1 57.9 86.9



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: 37.12 ng

RT: 9.41 min Scan# 671

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

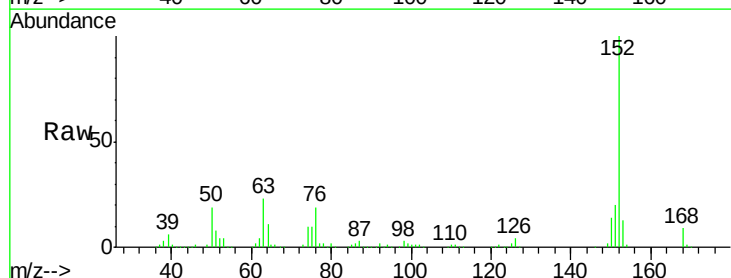
Tgt Ion: 152 Resp: 419178

Ion Ratio Lower Upper

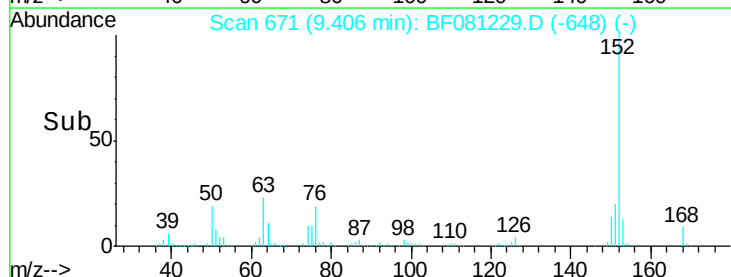
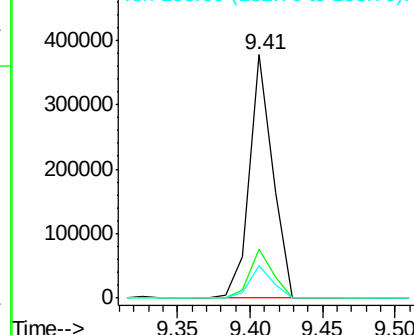
152 100

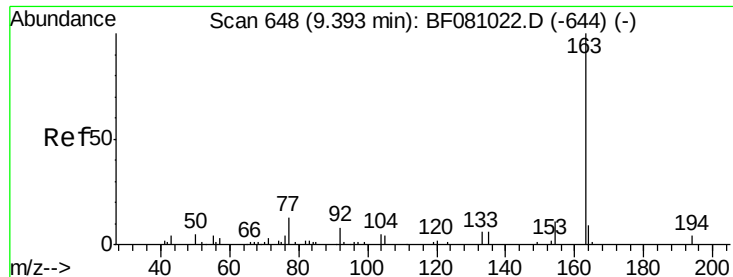
151 19.9 16.1 24.1

153 13.5 9.8 14.6



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





#49

Dimethylphthalate

Concen: 41.76 ng

RT: 9.29 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

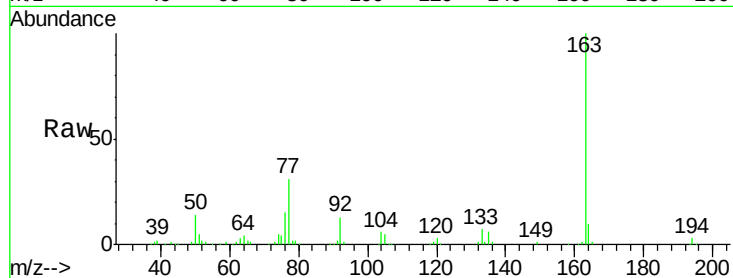
Tot Ion:163 Resp: 306861

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

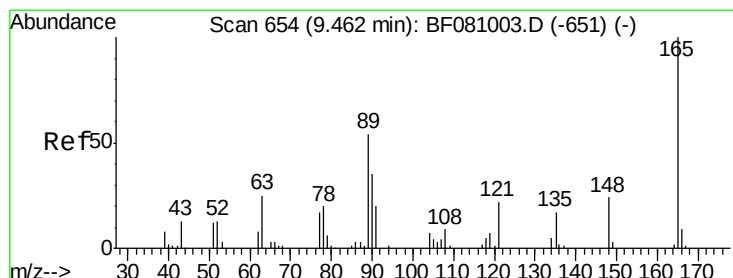
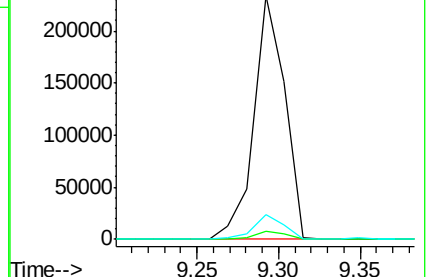
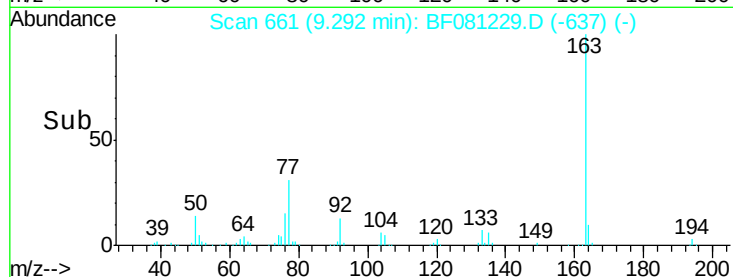
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.75 ng

RT: 9.35 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

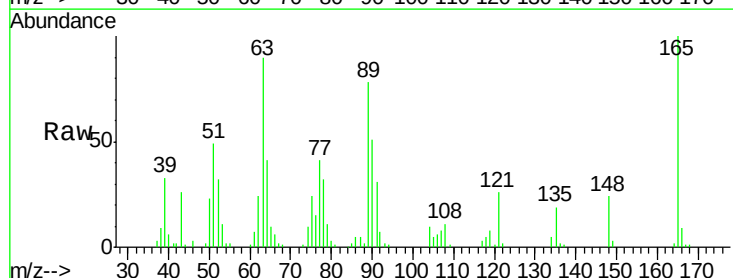
Tgt Ion:165 Resp: 62704

Ion Ratio Lower Upper

165 100

63 90.3 49.5 74.3#

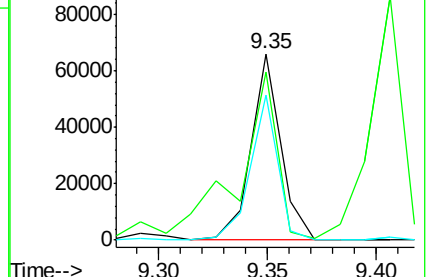
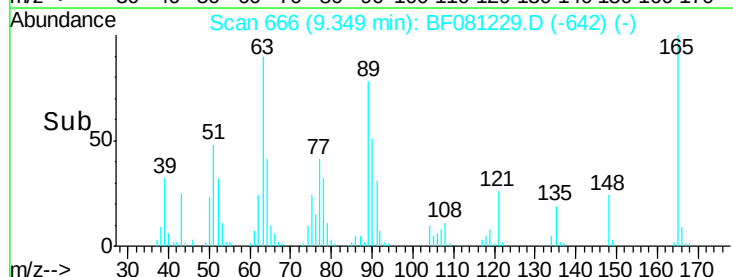
89 77.8 47.6 71.4#

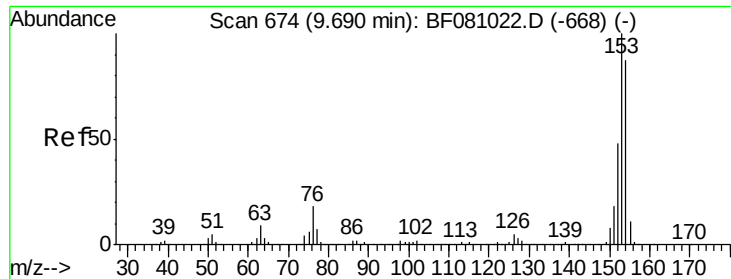


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.16 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

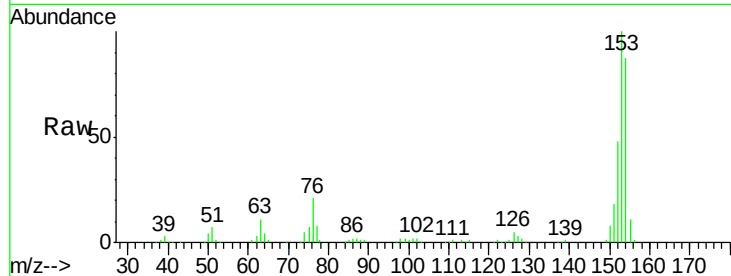
Tot Ion:154 Resp: 244483

Ion Ratio Lower Upper

154 100

153 115.2 91.4 137.2

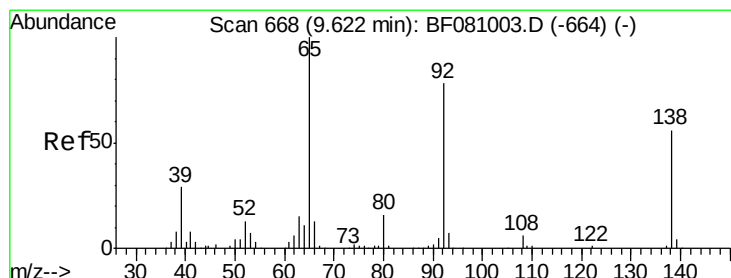
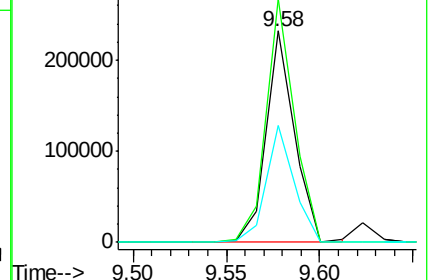
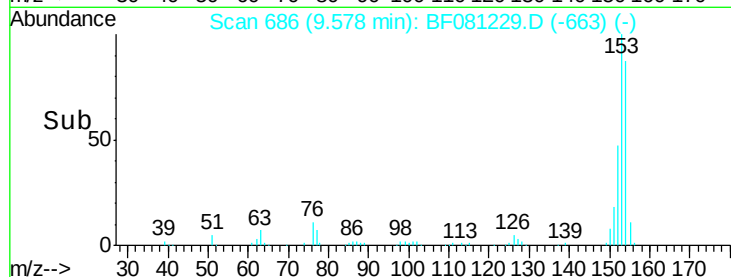
152 55.1 43.7 65.5



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: 25.02 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

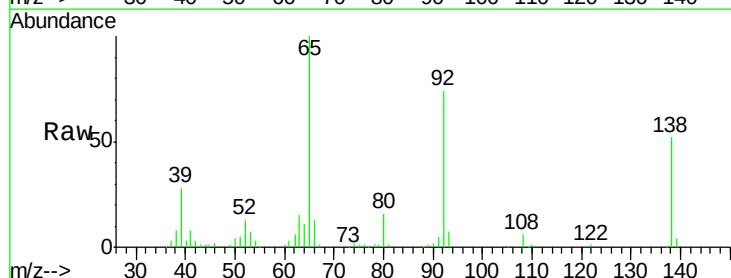
Tgt Ion:138 Resp: 49386

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

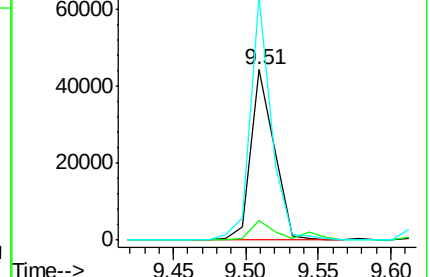
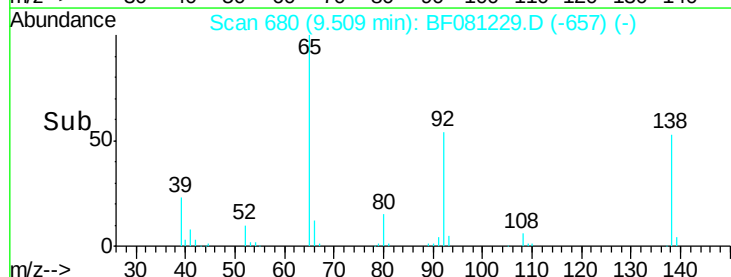
92 142.8 113.2 169.8

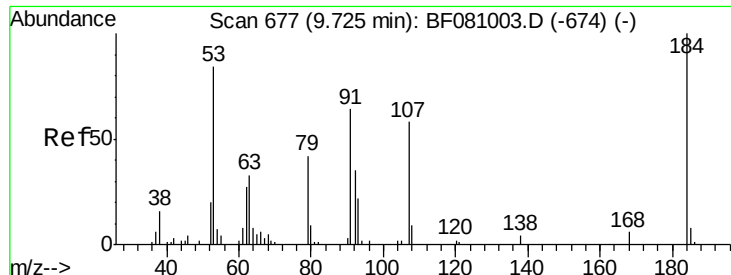


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

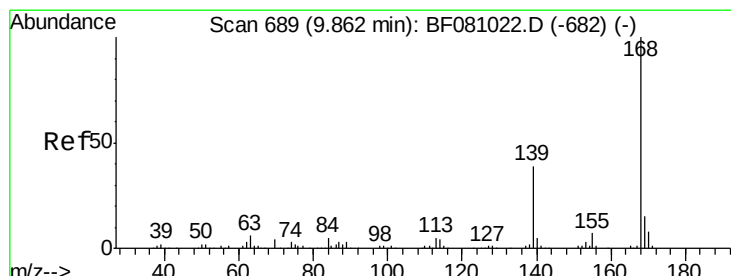
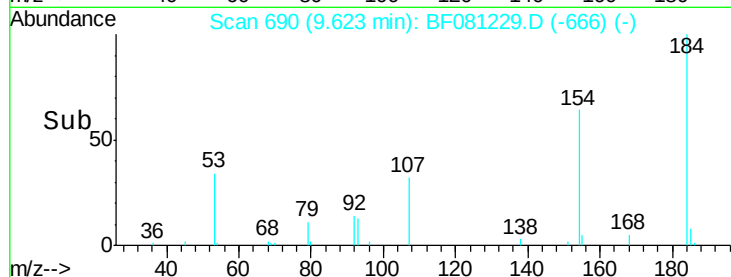
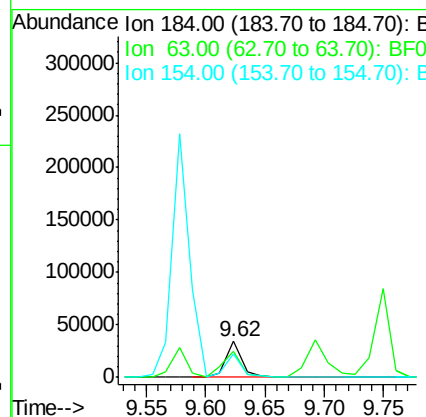
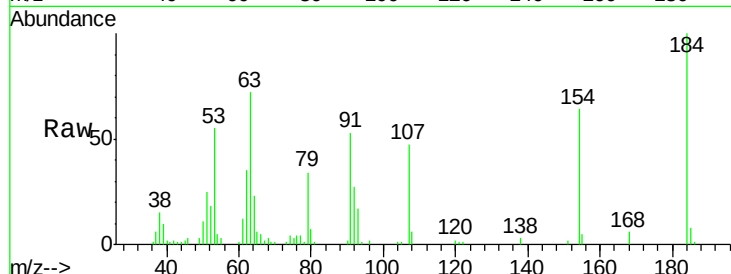




#53
2,4-Dinitrophenol
Concen: 42.77 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

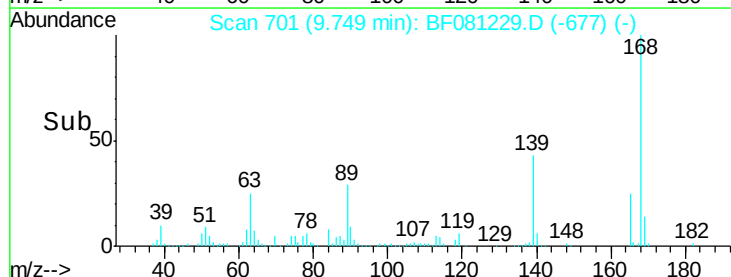
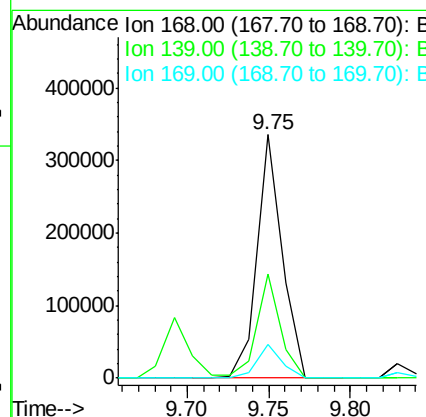
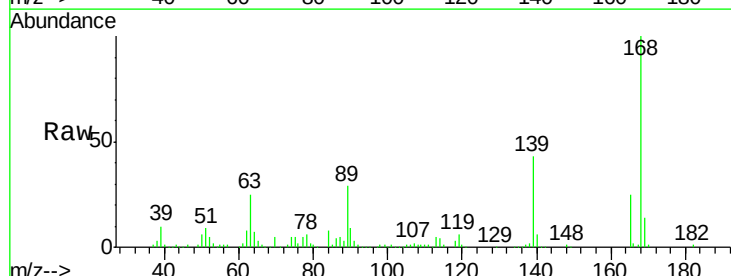
Instrument :
BNA_F
ClientSampleId :

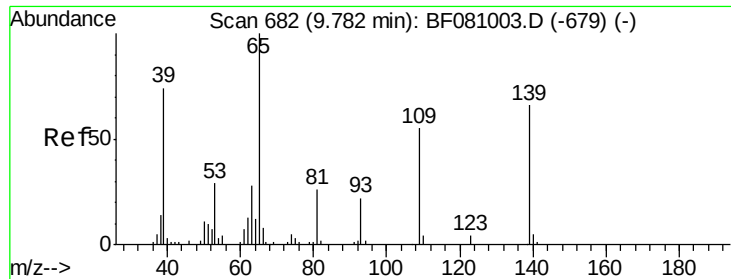
Tot Ion:184 Resp: 33126
Ion Ratio Lower Upper
184 100
63 71.6 101.7 152.5#
154 64.2 67.4 101.0#



#54
Dibenzofuran
Concen: 39.64 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:168 Resp: 359112
Ion Ratio Lower Upper
168 100
139 43.0 29.3 43.9
169 13.8 10.3 15.5





#55

4-Nitrophenol

Concen: 65.86 ng

RT: 9.69 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF081229.D

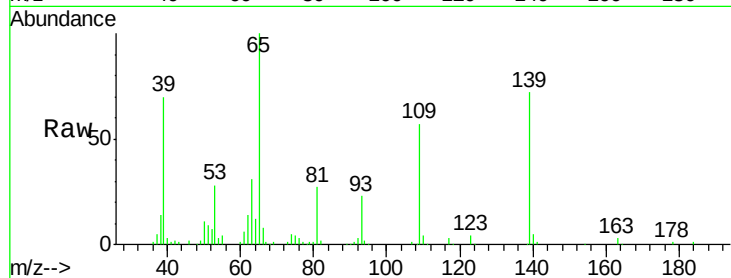
Acq: 26 Aug 2015 23:52

Instrument :

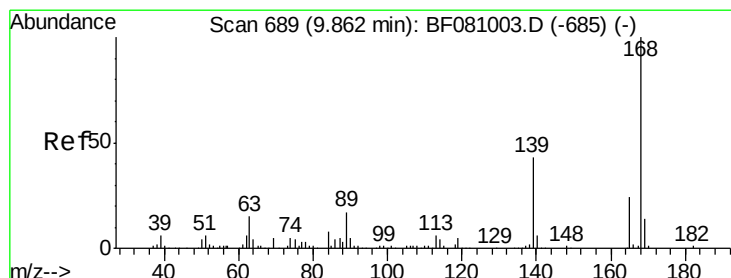
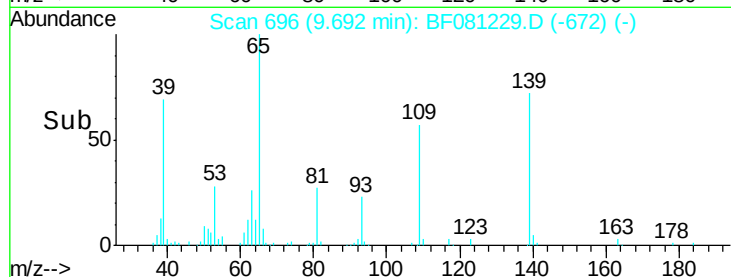
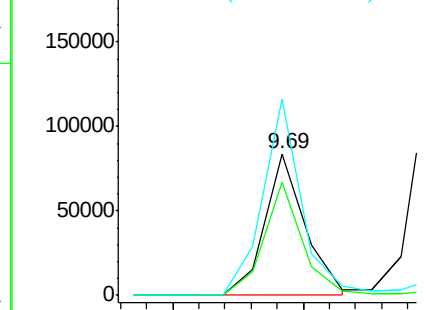
BNA_F

ClientSampled :

Tot Ion:139 Resp: 91312
 Ion Ratio Lower Upper
 139 100
 109 79.4 80.0 120.0#
 65 138.4 138.3 178.3



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: 37.91 ng

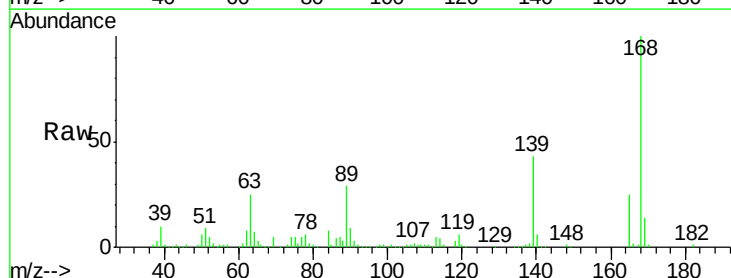
RT: 9.75 min Scan# 701

Delta R.T. -0.02 min

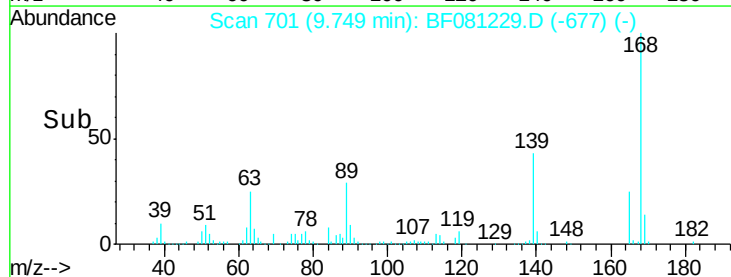
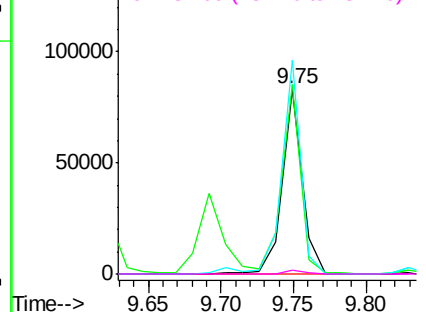
Lab File: BF081229.D

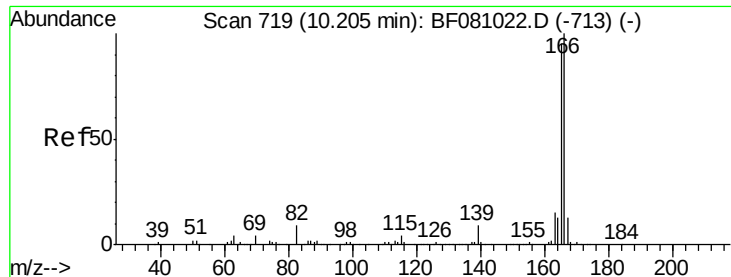
Acq: 26 Aug 2015 23:52

Tgt Ion:165 Resp: 79271
 Ion Ratio Lower Upper
 165 100
 63 102.5 52.2 78.4#
 89 115.8 60.1 90.1#
 182 2.1 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.66 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

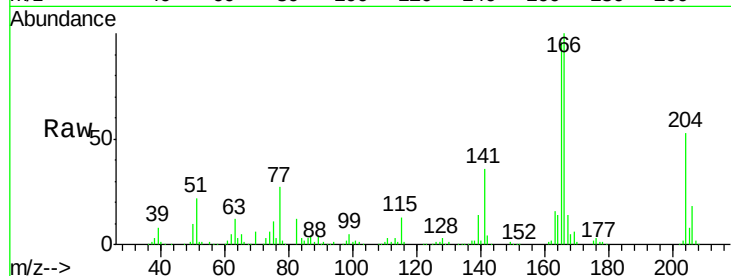
Tot Ion:166 Resp: 290395

Ion Ratio Lower Upper

166 100

165 95.8 75.8 113.8

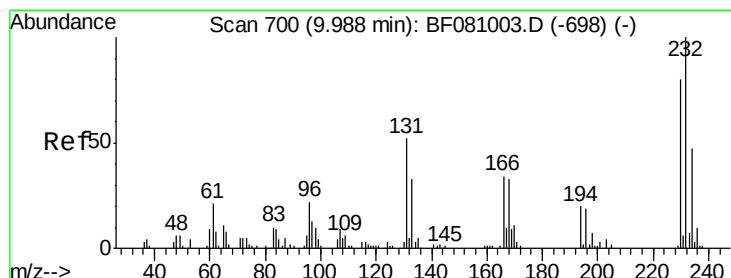
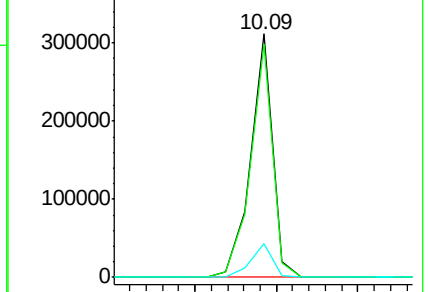
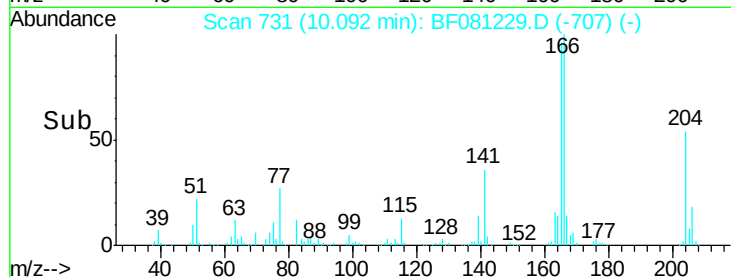
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.95 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Tgt Ion:232 Resp: 67568

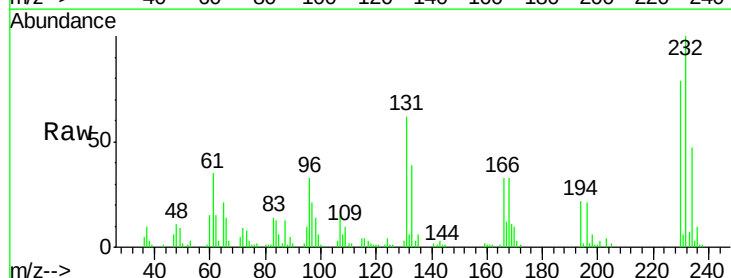
Ion Ratio Lower Upper

232 100

131 50.2 42.2 63.4

130 2.5 2.1 3.1

166 27.8 22.4 33.6

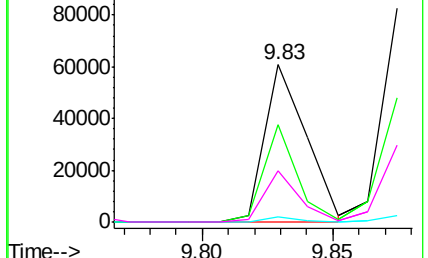
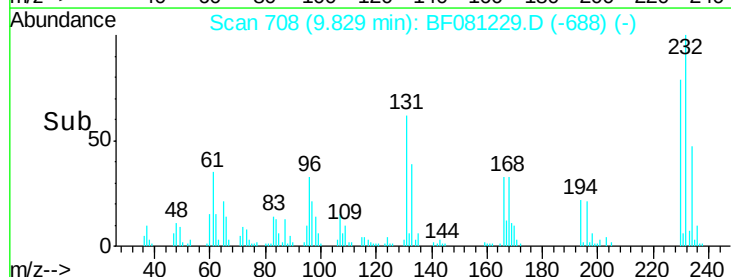


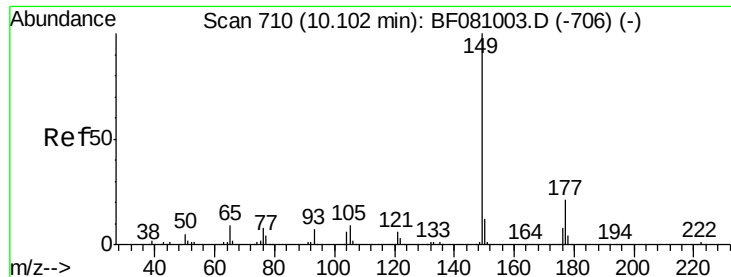
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

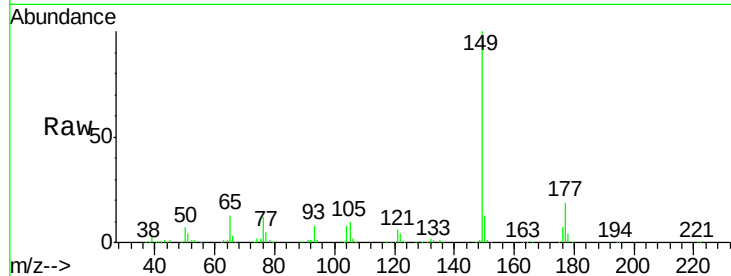




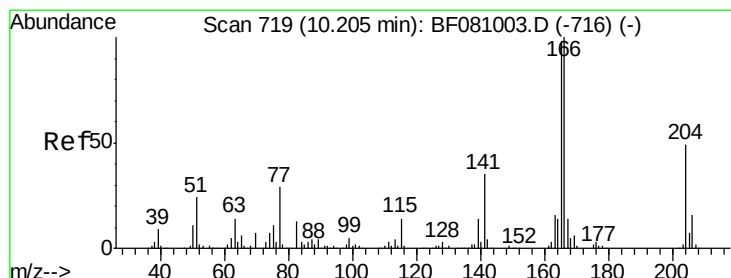
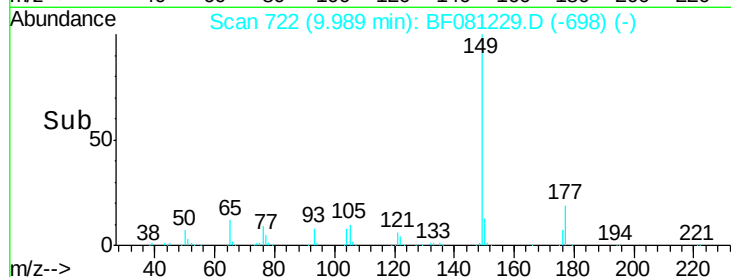
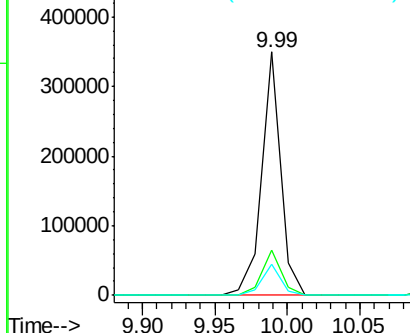
#59
Diethylphthalate
Concen: 41.12 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 319806
Ion Ratio Lower Upper
149 100
177 18.6 14.1 21.1
150 12.9 10.3 15.5

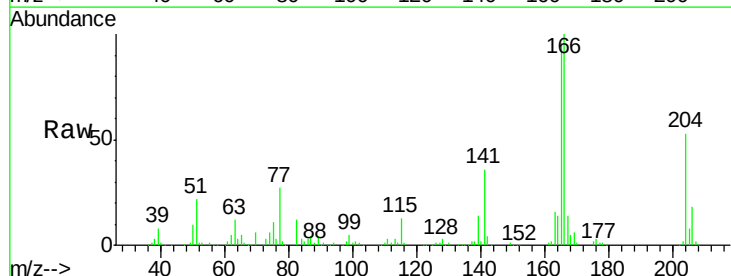


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

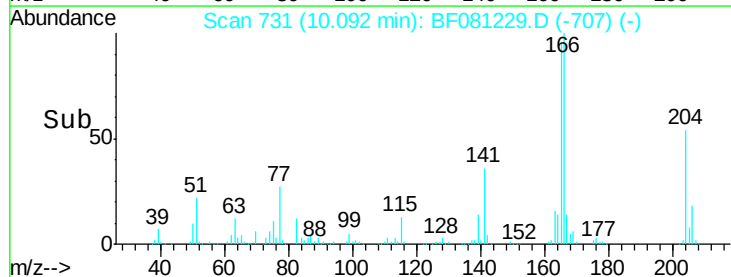
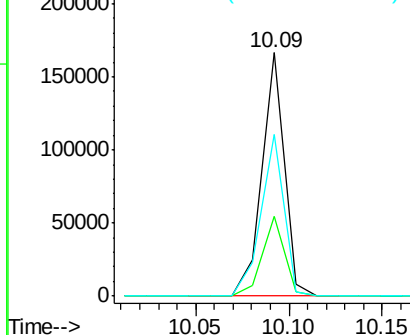


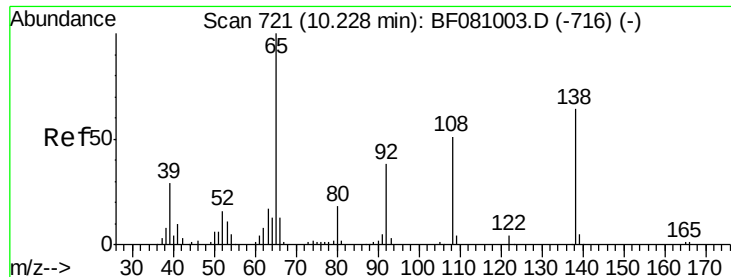
#60
4-Chlorophenyl-phenylether
Concen: 46.53 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081229.D
Acq: 26 Aug 2015 23:52

Tgt Ion:204 Resp: 137243
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 66.6 59.6 89.4



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: 37.20 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

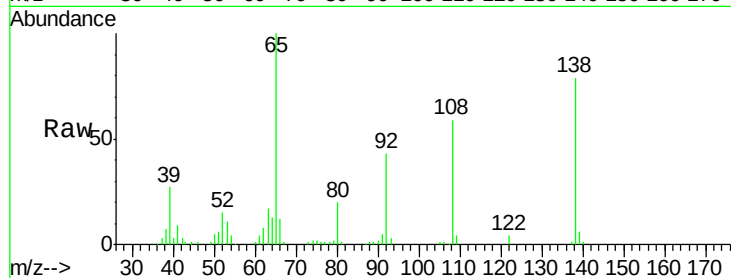
Tot Ion:138 Resp: 75057

Ion Ratio Lower Upper

138 100

92 54.5 34.7 74.7

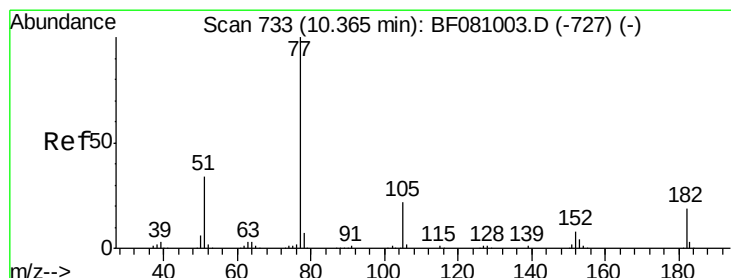
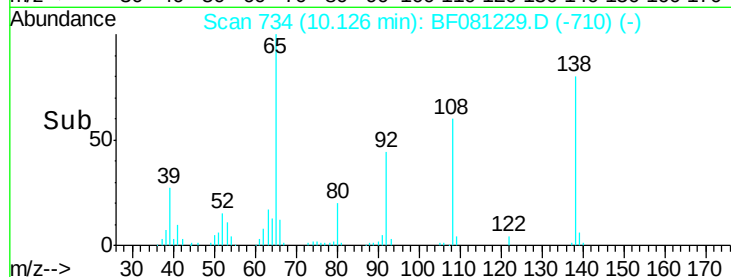
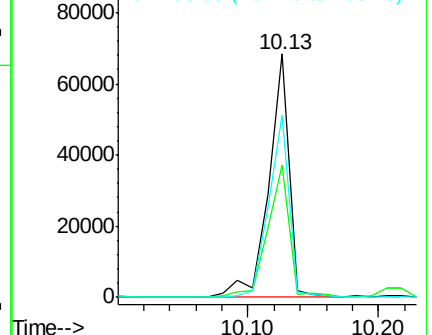
108 74.7 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.90 ng

RT: 10.25 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Tgt Ion: 77 Resp: 411366

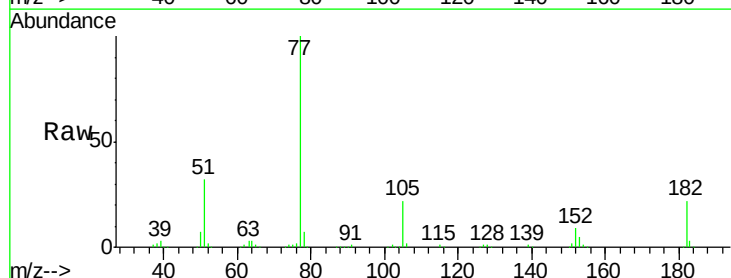
Ion Ratio Lower Upper

77 100

182 22.3 0.0 39.0

105 22.5 0.2 40.2

51 32.4 18.0 58.0

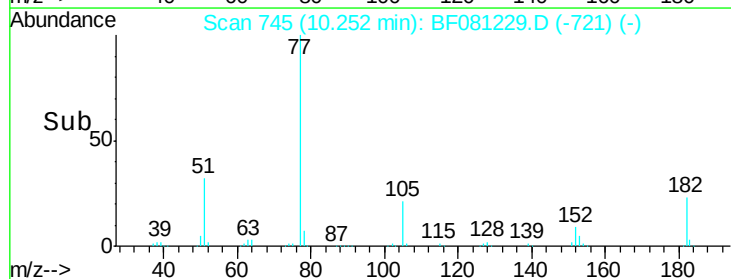
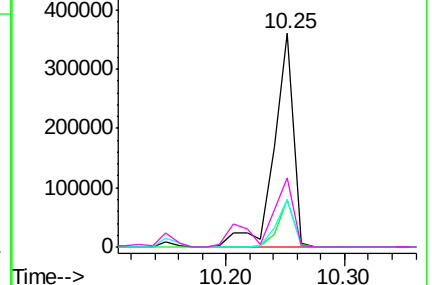


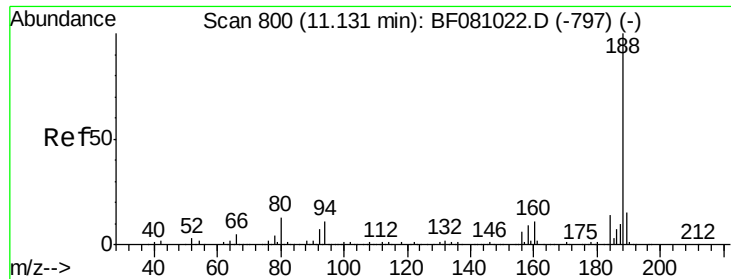
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

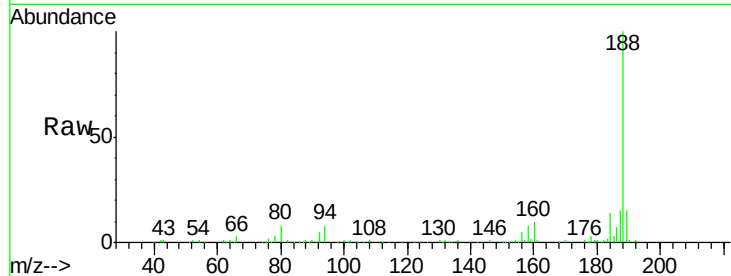
Tot Ion:188 Resp: 179036

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

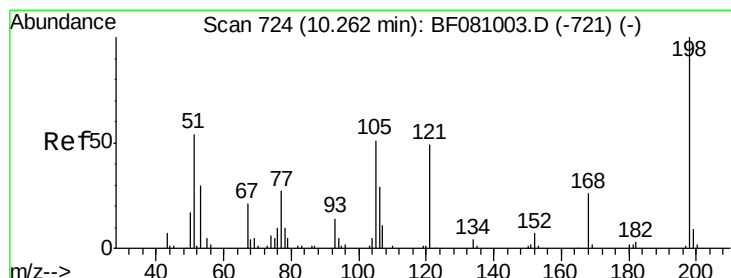
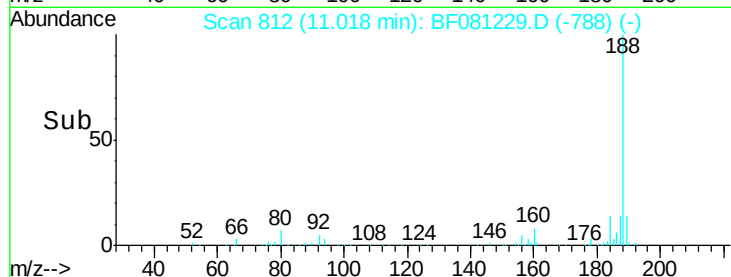
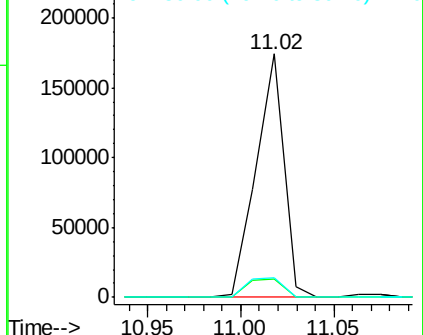
80 7.9 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.30 ng

RT: 10.16 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

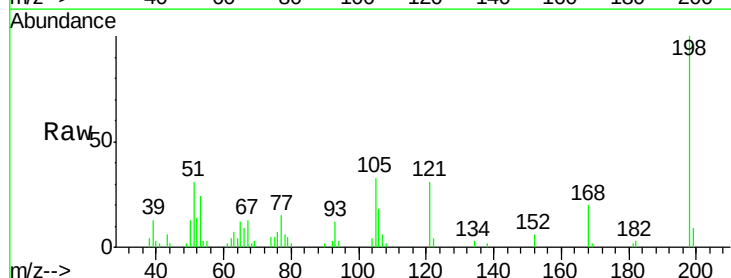
Tgt Ion:198 Resp: 28122

Ion Ratio Lower Upper

198 100

51 31.3 79.7 119.7#

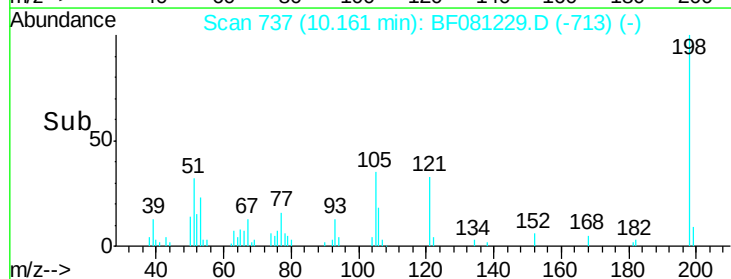
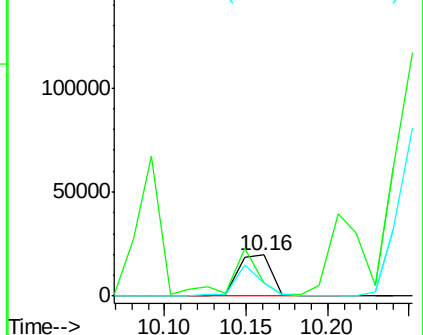
105 33.3 47.0 87.0#

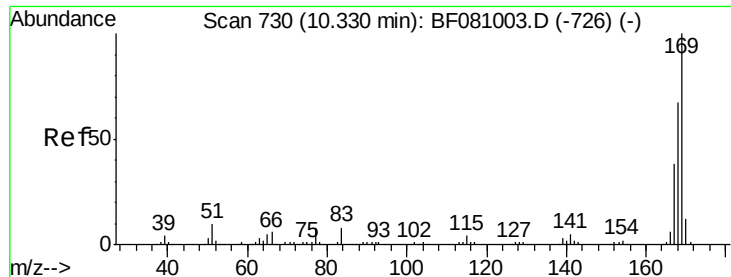


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

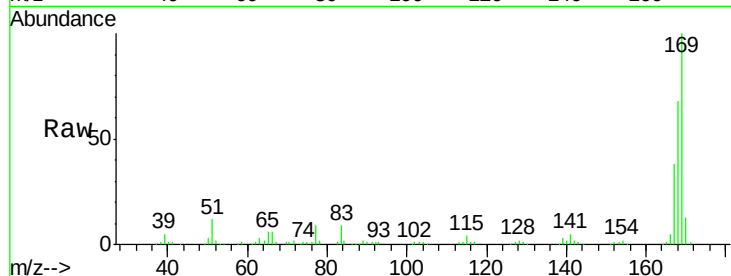




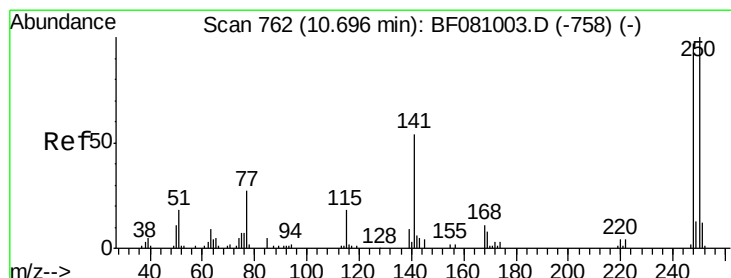
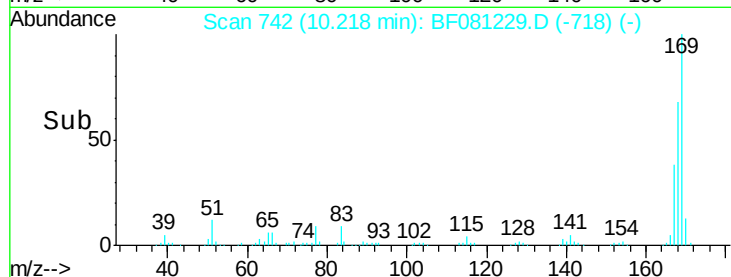
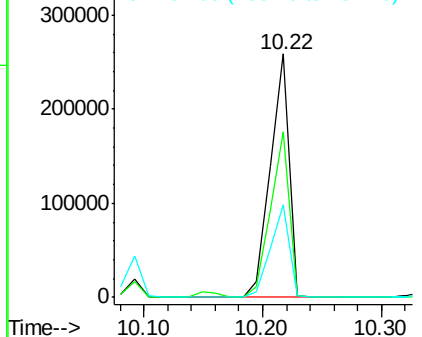
#65
 n-Nitrosodiphenylamine
 Concen: 44.89 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 286863
 Ion Ratio Lower Upper
 169 100
 168 68.2 55.3 82.9
 167 38.2 30.8 46.2

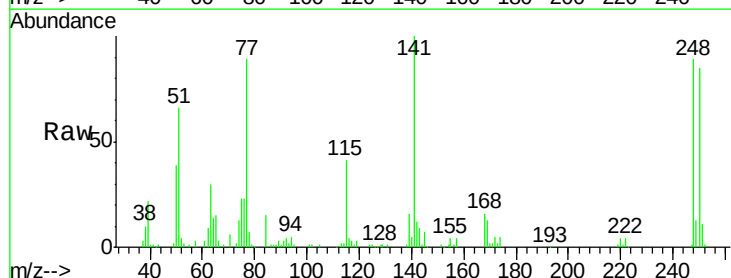


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

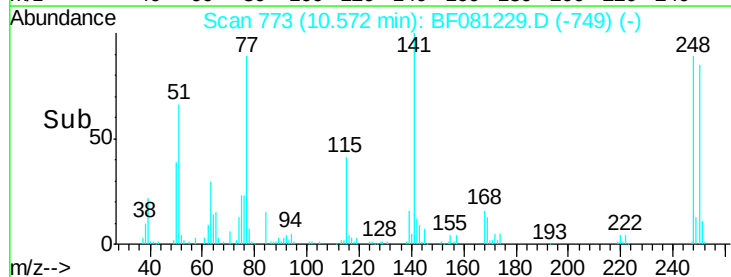
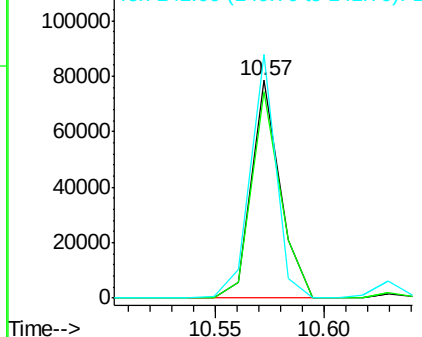


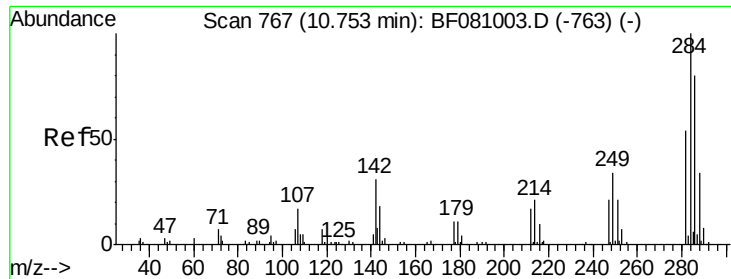
#66
 4-Bromophenyl-phenylether
 Concen: 40.92 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion:248 Resp: 71969
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.8 116.6
 141 111.7 39.8 59.6#



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: 42.51 ng

RT: 10.63 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampled :

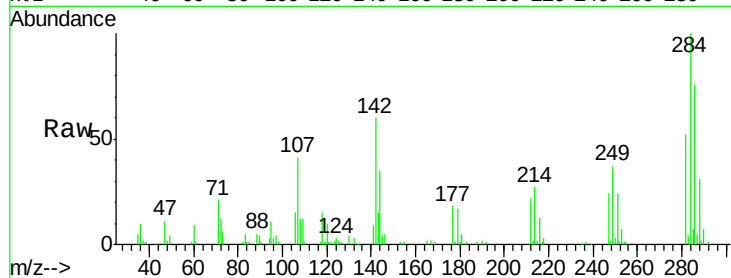
Tot Ion:284 Resp: 75722

Ion Ratio Lower Upper

284 100

142 59.6 25.4 38.0#

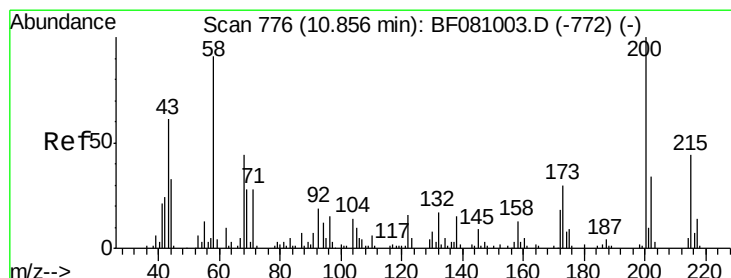
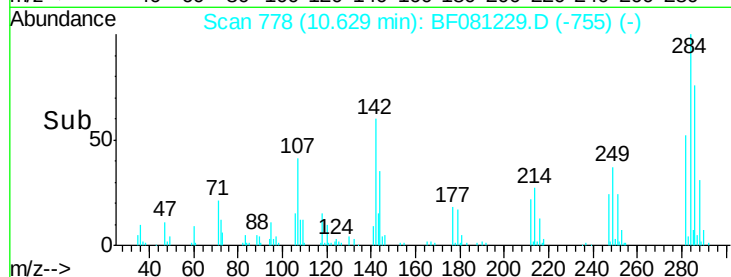
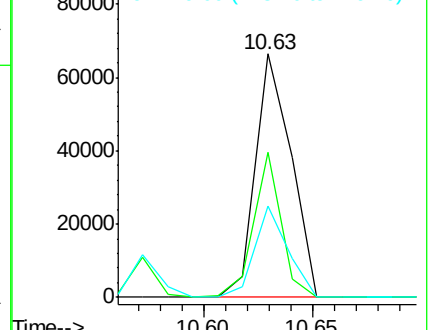
249 37.3 28.5 42.7



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: 45.78 ng

RT: 10.74 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

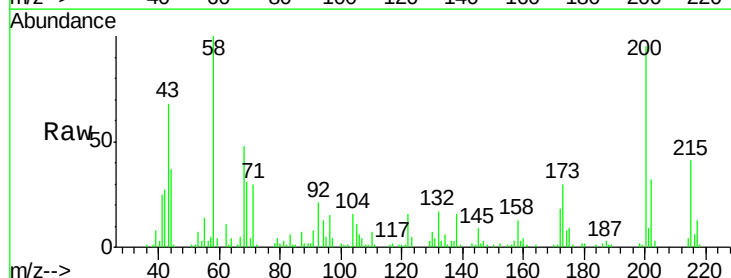
Tgt Ion:200 Resp: 81515

Ion Ratio Lower Upper

200 100

173 31.1 8.1 48.1

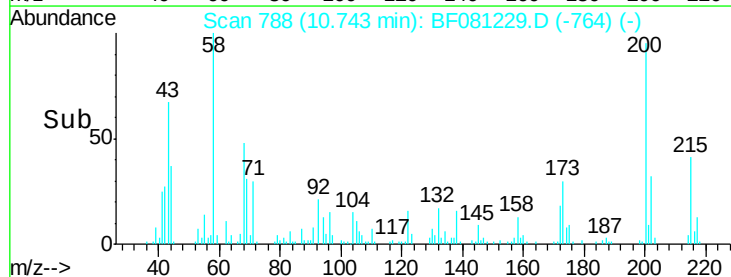
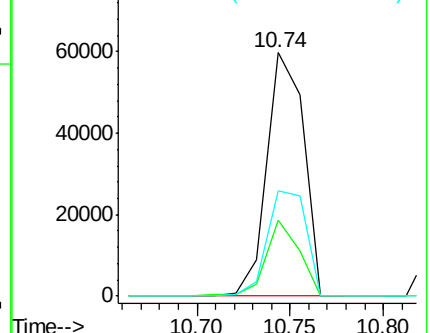
215 43.3 23.3 63.3

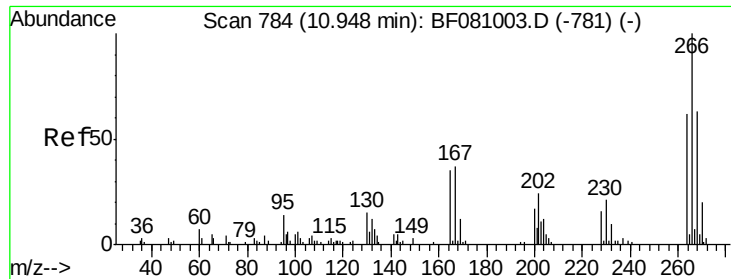


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

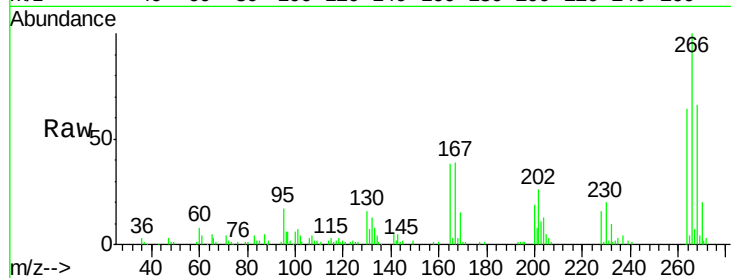




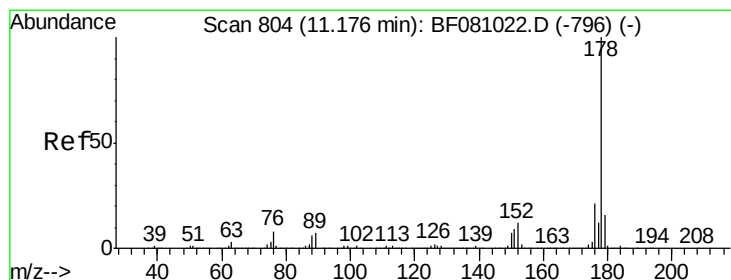
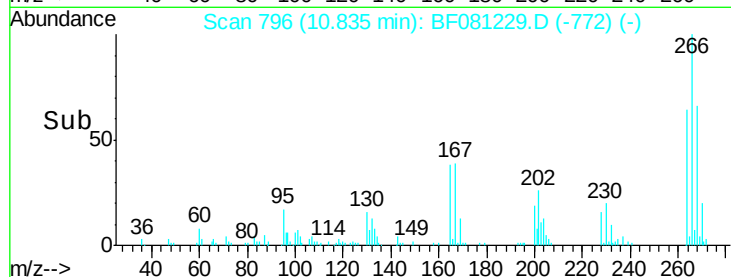
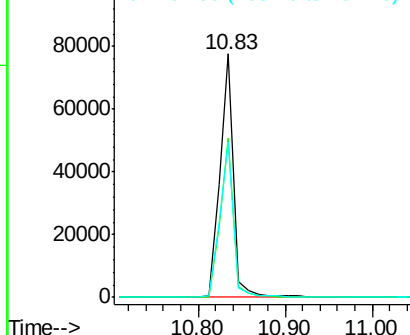
#69
 Pentachlorophenol
 Concen: 80.10 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 85604
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.2 76.8
 264 64.0 50.6 75.8

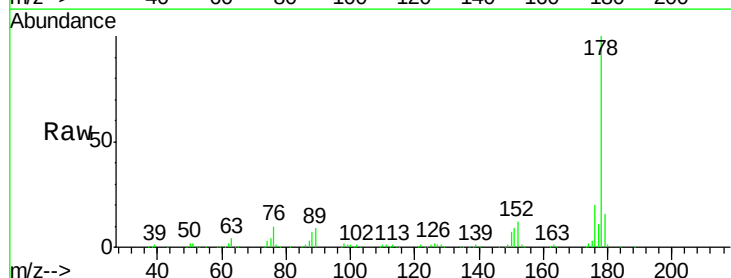


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

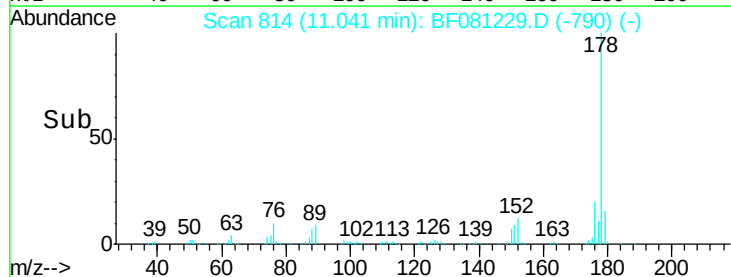
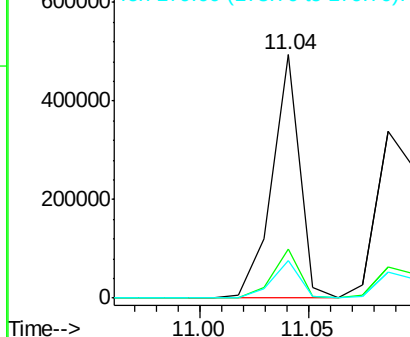


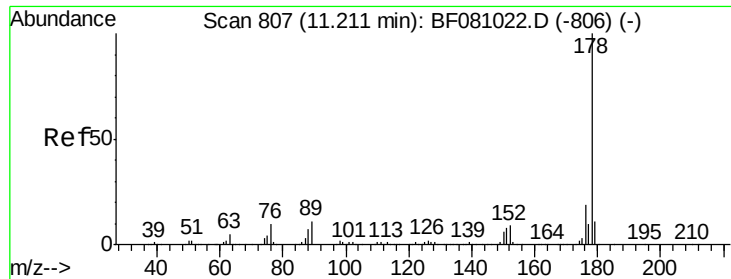
#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion:178 Resp: 440514
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.7 12.2 18.2



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

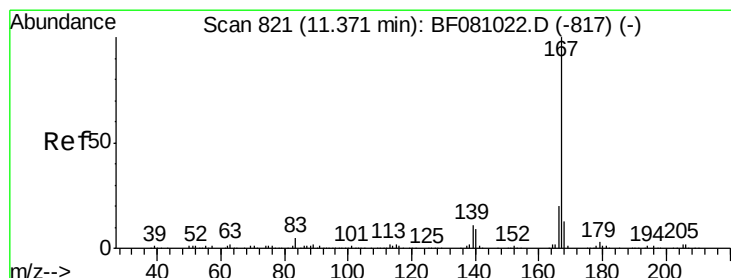
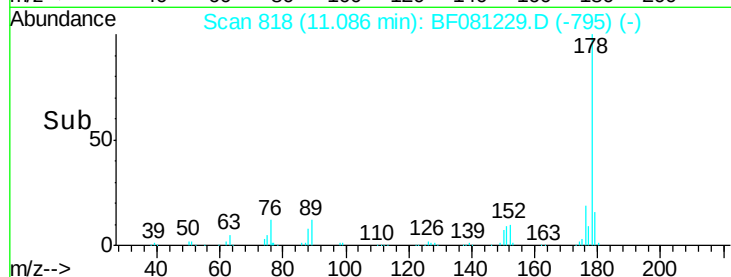
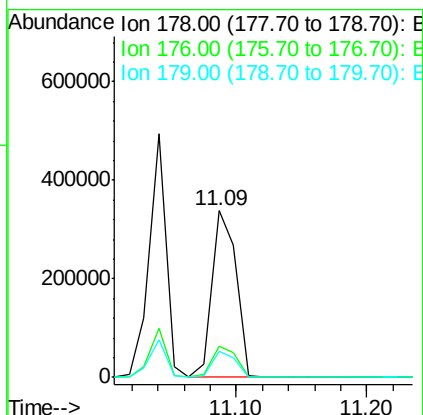
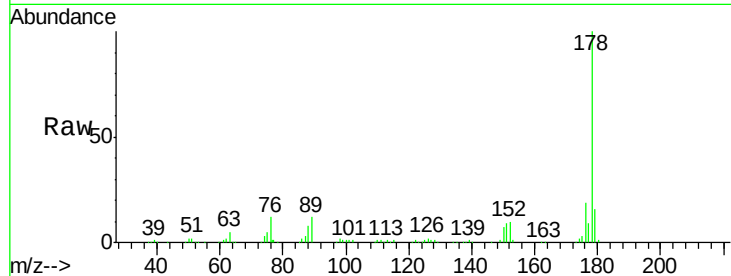




#71
 Anthracene
 Concen: 42.37 ng
 RT: 11.09 min Scan# 818
 Delta R.T. -0.04 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

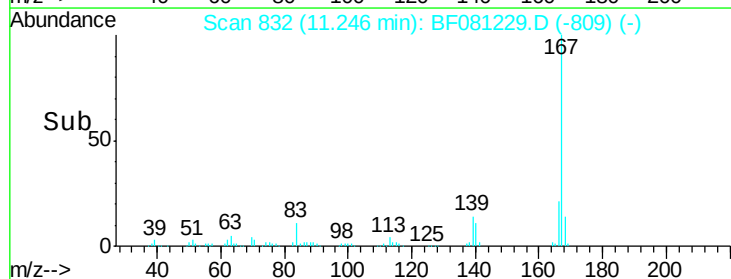
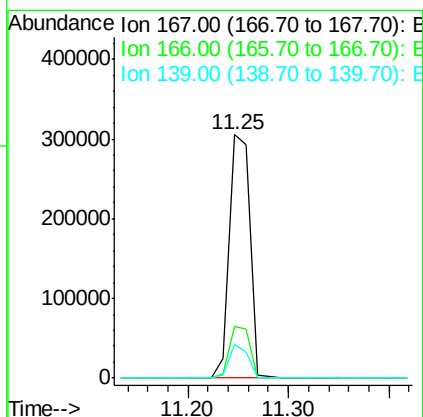
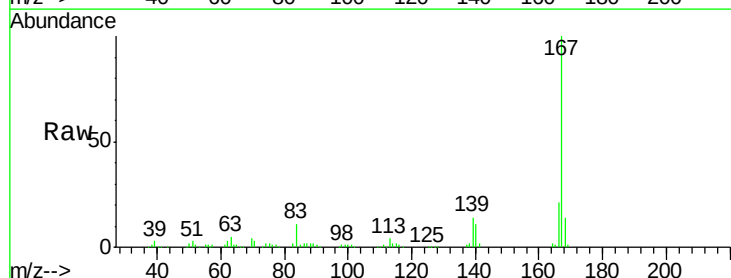
Instrument :
 BNA_F
 ClientSampleId :

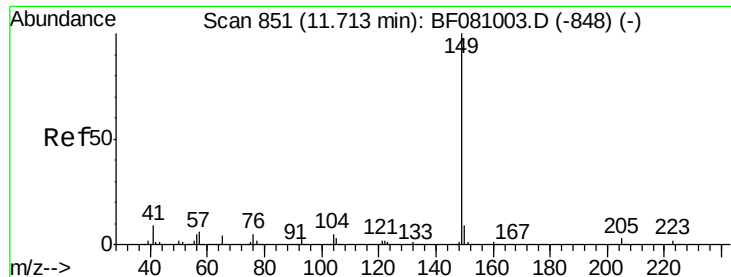
Tot Ion:178 Resp: 437461
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.7 23.5
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 43.67 ng
 RT: 11.25 min Scan# 832
 Delta R.T. -0.04 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion:167 Resp: 434107
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 14.0 10.6 16.0





#73

Di-n-butylphthalate

Concen: 44.95 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

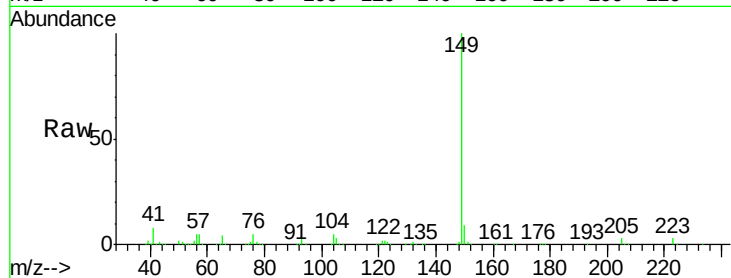
Tot Ion:149 Resp: 540737

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

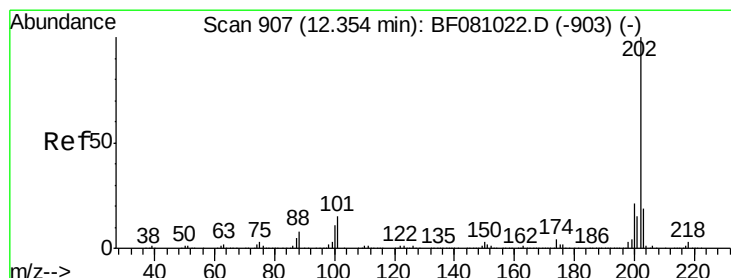
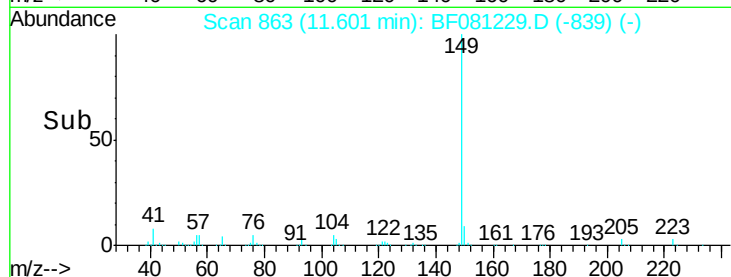
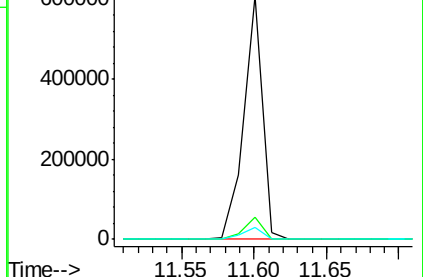
104 4.9 3.9 5.9



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: 44.53 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

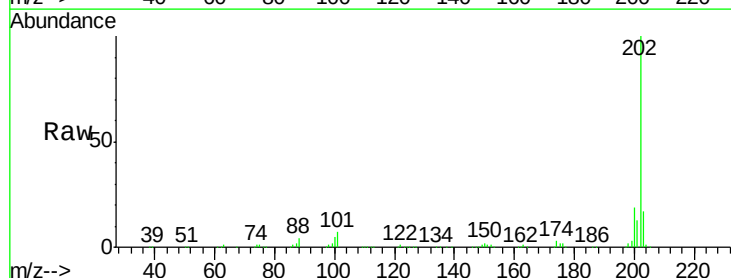
Tgt Ion:202 Resp: 509839

Ion Ratio Lower Upper

202 100

101 7.0 0.0 24.8

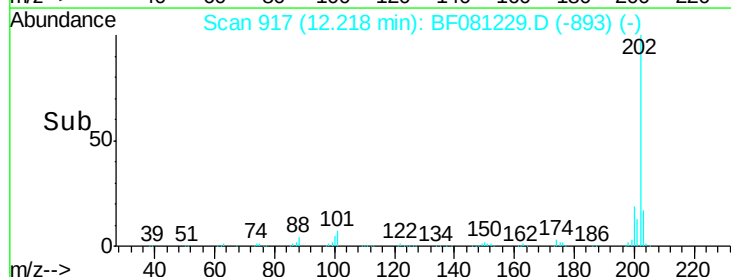
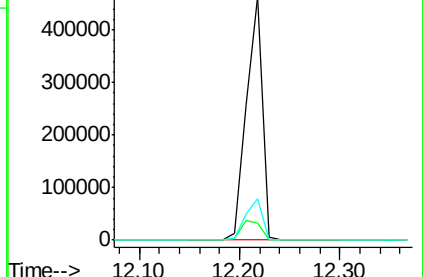
203 16.9 0.0 36.9

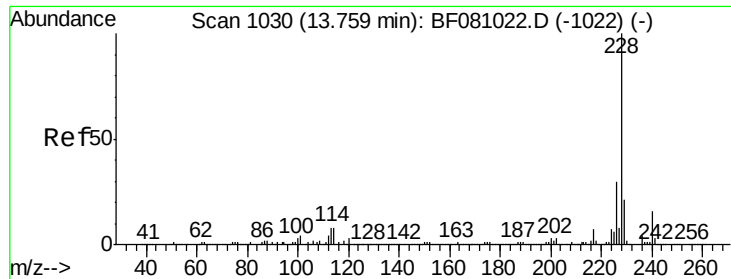


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

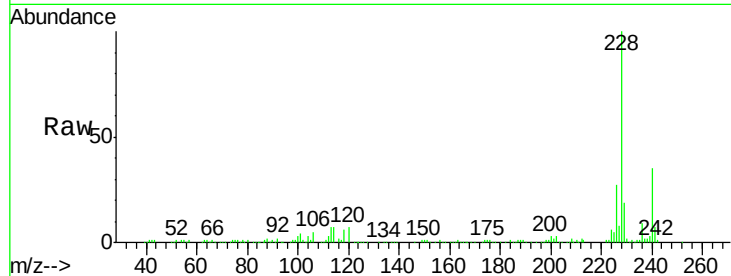
Tot Ion:240 Resp: 132065

Ion Ratio Lower Upper

240 100

120 19.9 5.6 8.4#

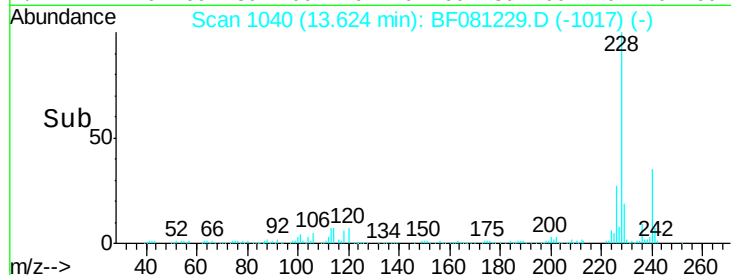
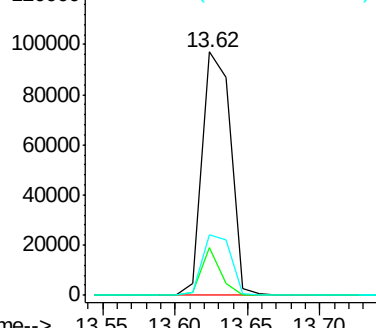
236 24.9 20.6 30.8



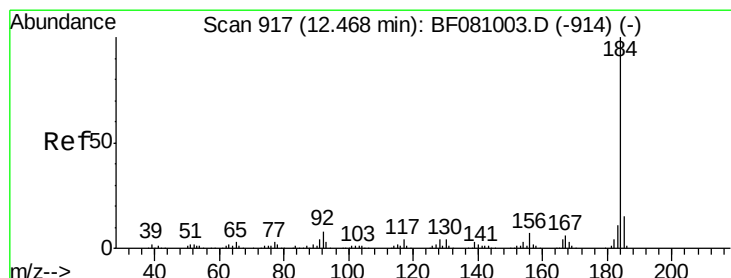
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.55 13.60 13.65 13.70



#76

Benzidine

Concen: 28.47 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

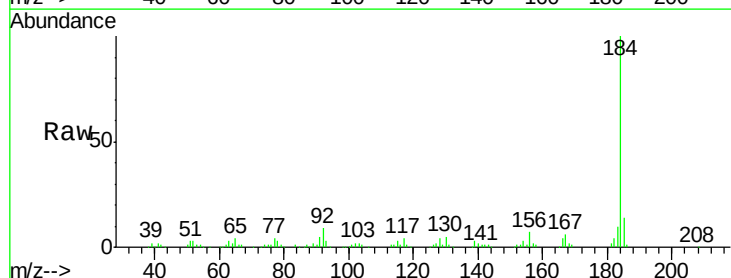
Tgt Ion:184 Resp: 142046

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

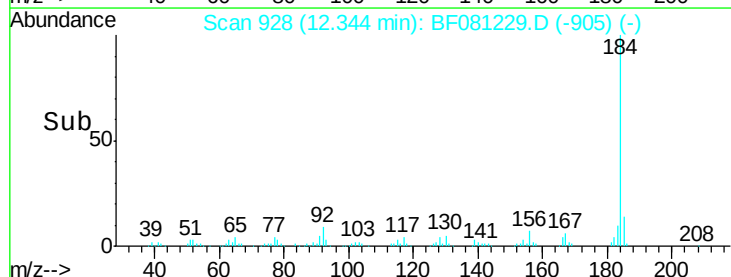
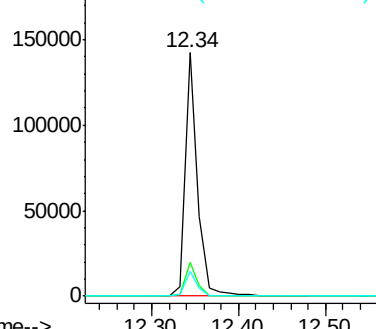
183 10.3 8.9 13.3



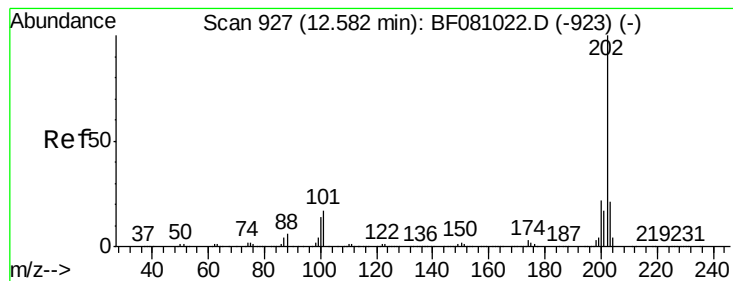
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.30 12.40 12.50



#77

Pvrene

Concen: 43.24 ng

RT: 12.44 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

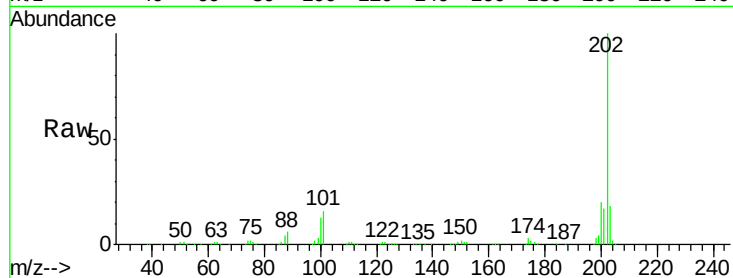
Tot Ion:202 Resp: 464225

Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

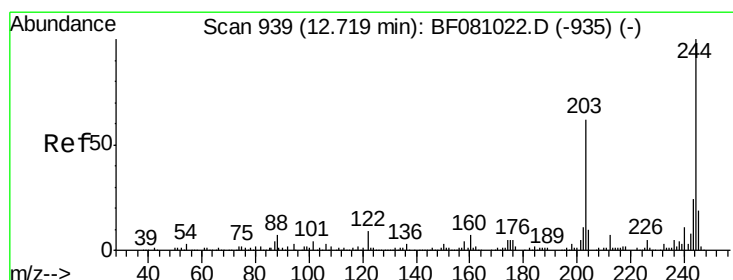
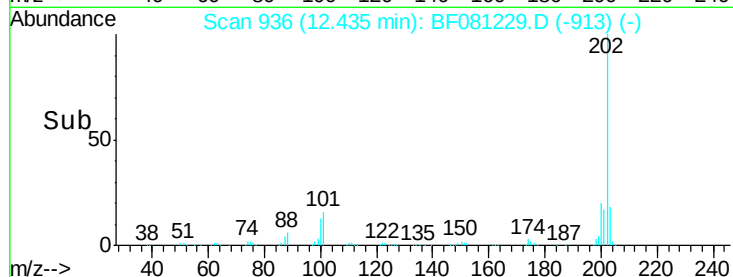
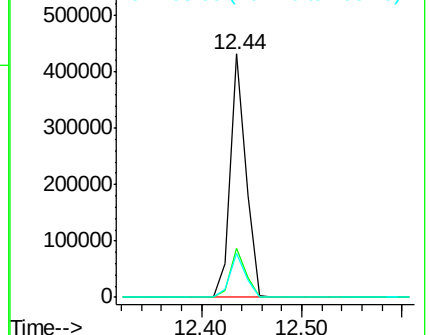
203 18.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.04 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

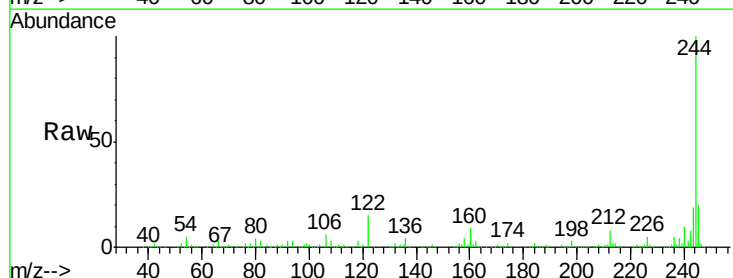
Tgt Ion:244 Resp: 499230

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

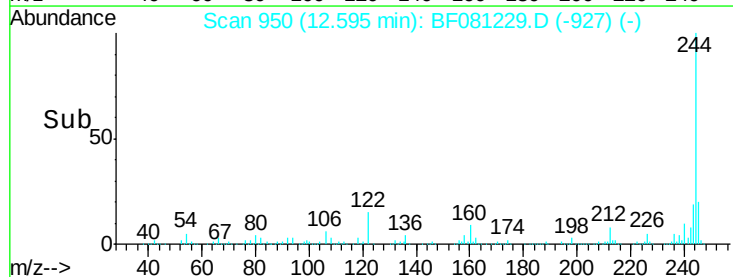
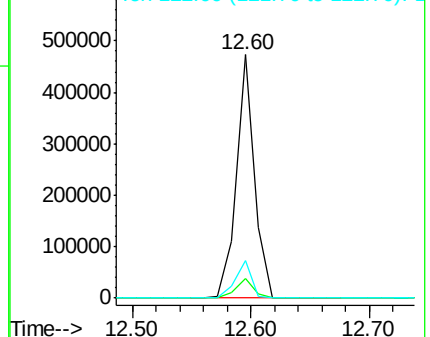
122 15.2 8.2 12.4#

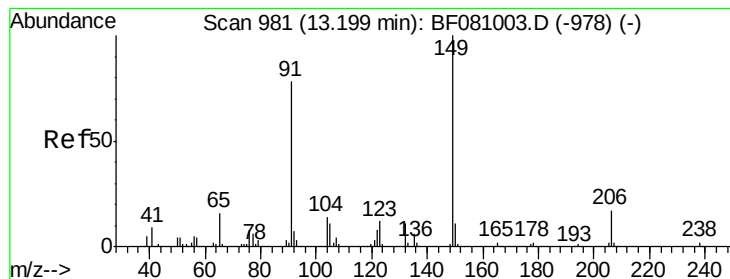


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.49 ng

RT: 13.08 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

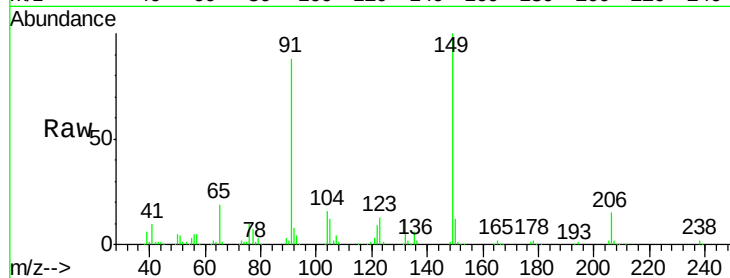
Tot Ion:149 Resp: 209926

Ion Ratio Lower Upper

149 100

91 87.6 46.9 70.3#

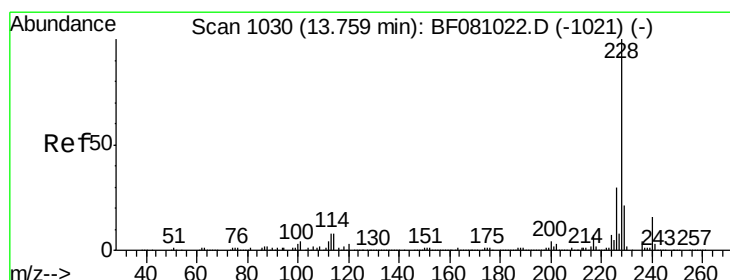
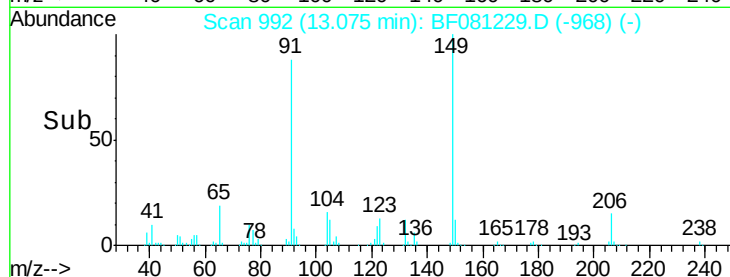
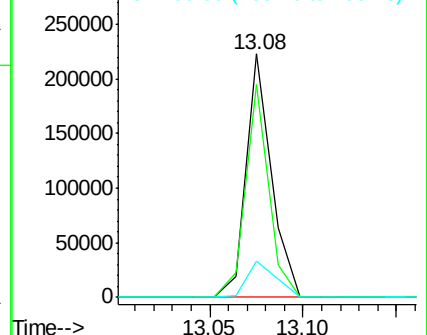
206 14.9 17.0 25.4#



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: 47.28 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

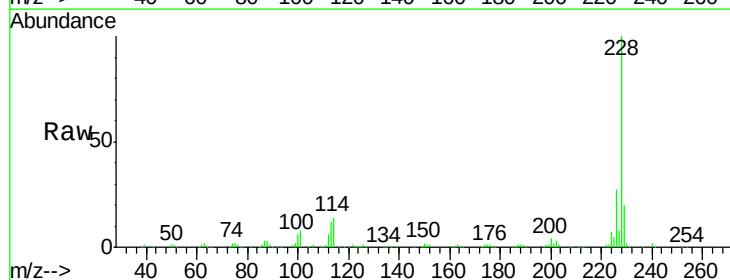
Tgt Ion:228 Resp: 418769

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

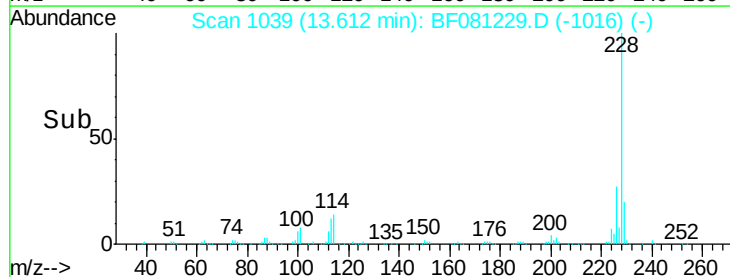
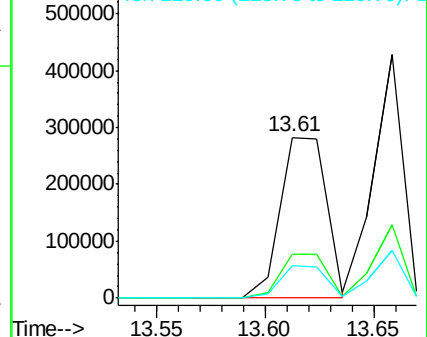
229 20.3 15.9 23.9

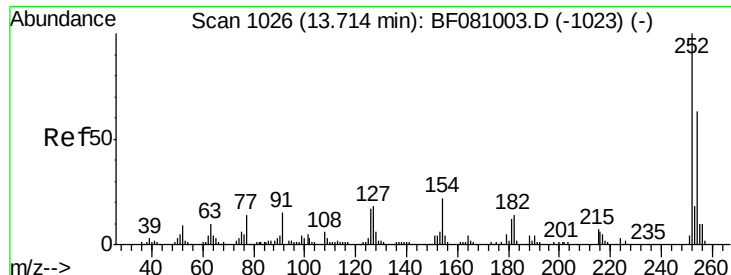


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

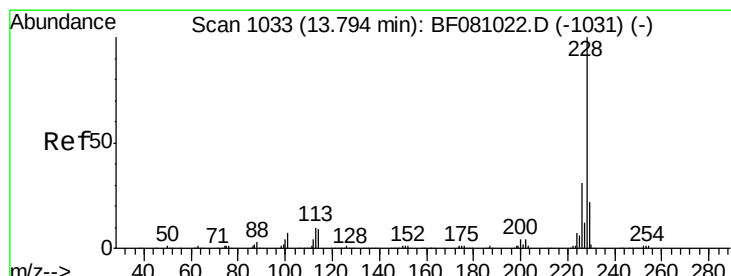
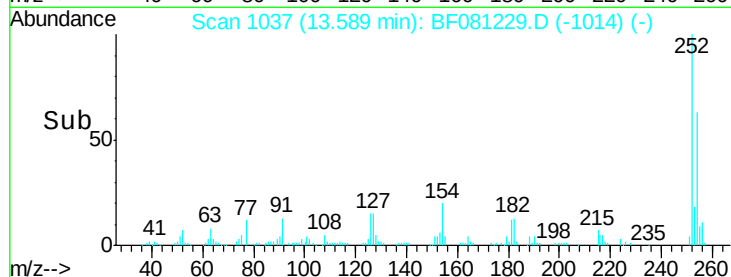
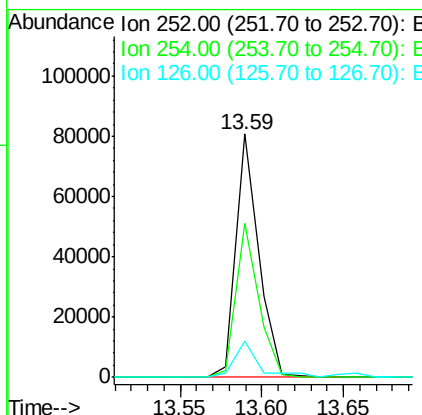
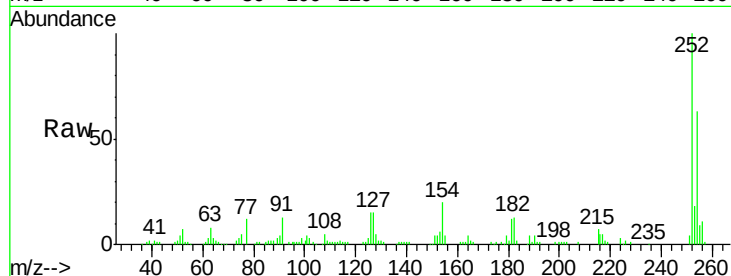




#81
 3,3'-Dichlorobenzidine
 Concen: 27.03 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

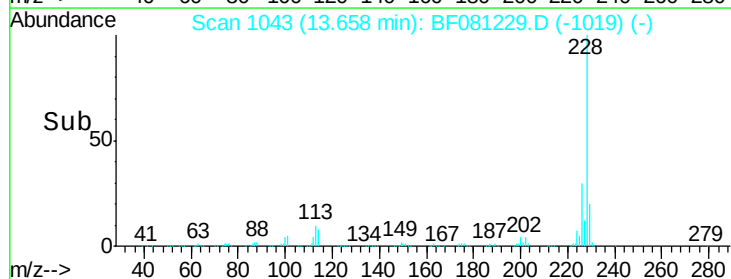
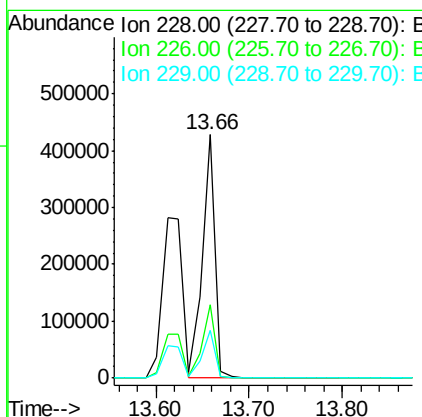
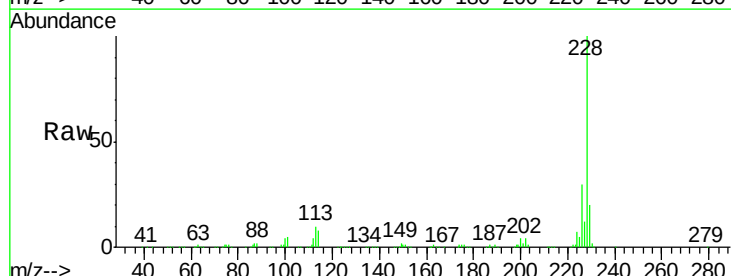
Instrument :
 BNA_F
 ClientSampleId :

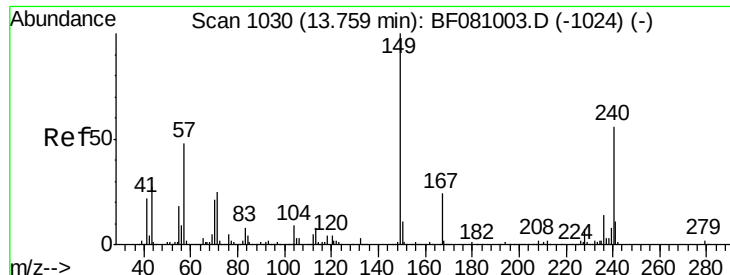
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	15.2	12.5	18.7



#82
 Chrysene
 Concen: 50.74 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.9	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.43 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

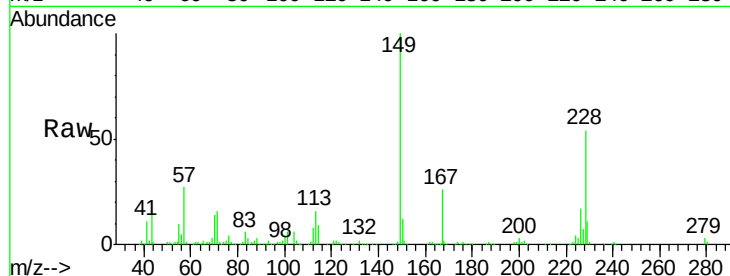
Tot Ion:149 Resp: 298103

Ion Ratio Lower Upper

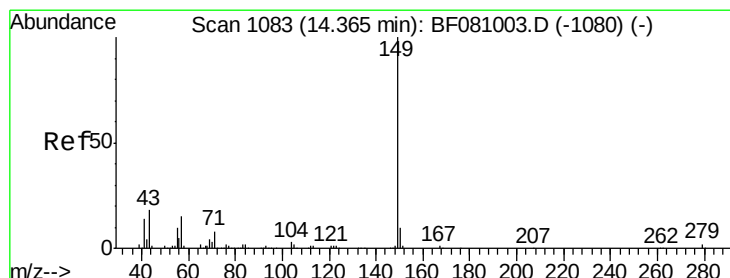
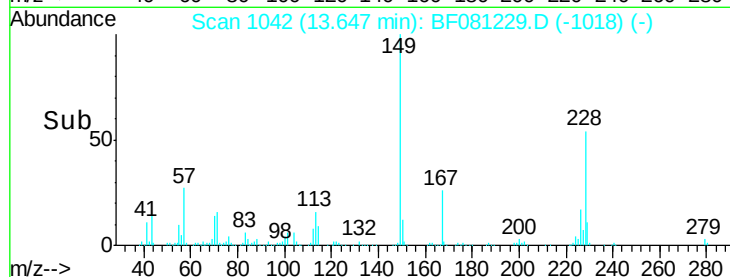
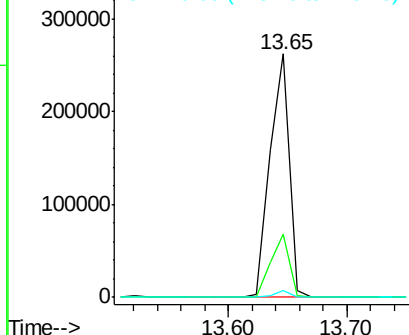
149 100

167 26.2 20.7 31.1

279 3.0 2.2 3.4



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: 56.93 ng

RT: 14.25 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

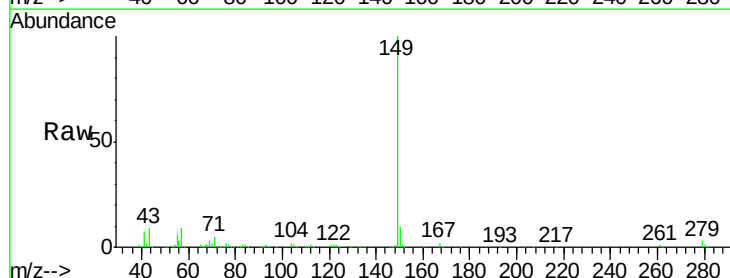
Tgt Ion:149 Resp: 511454

Ion Ratio Lower Upper

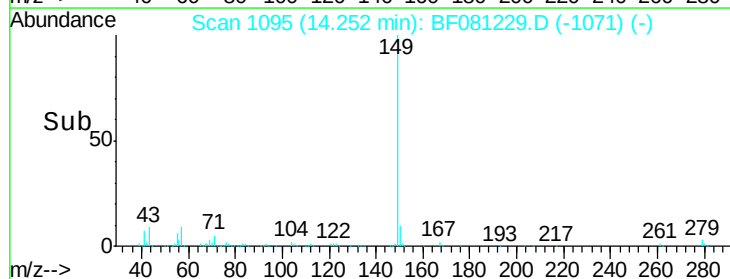
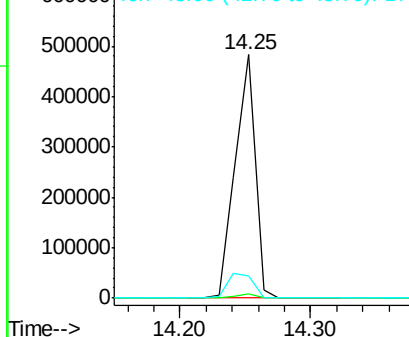
149 100

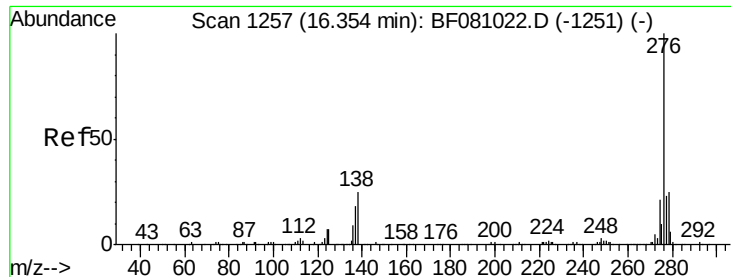
167 1.5 1.1 1.7

43 12.9 11.6 17.4



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

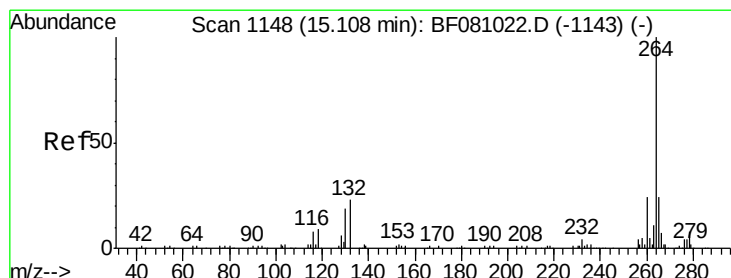
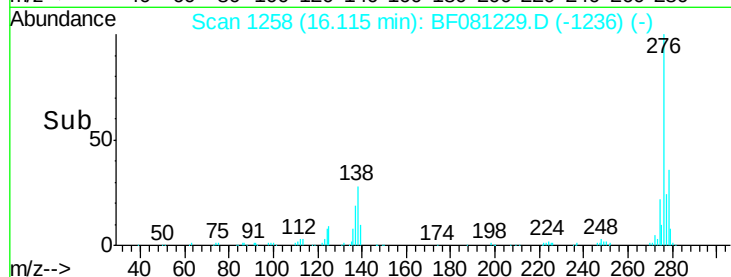
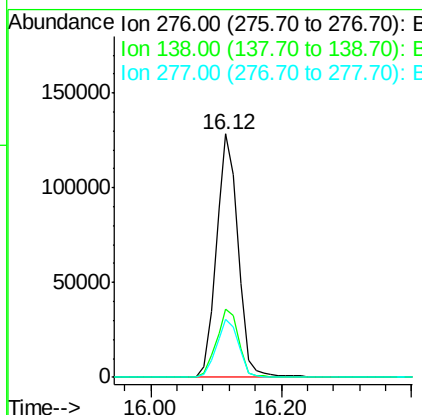
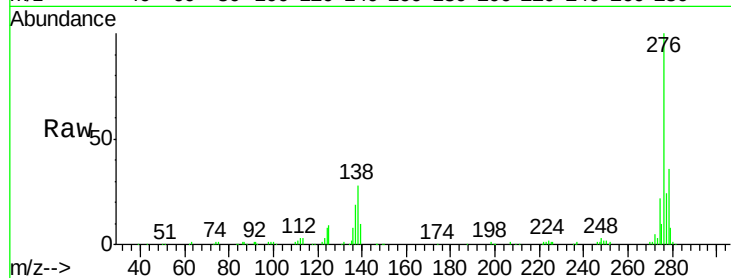




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.27 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

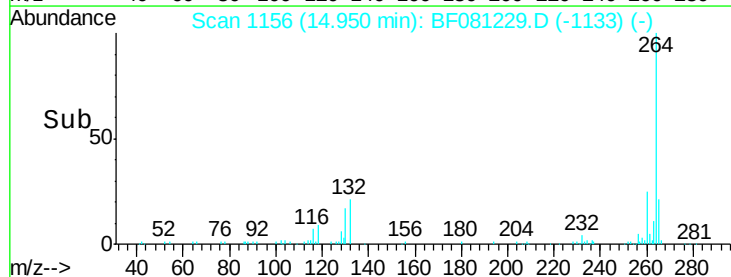
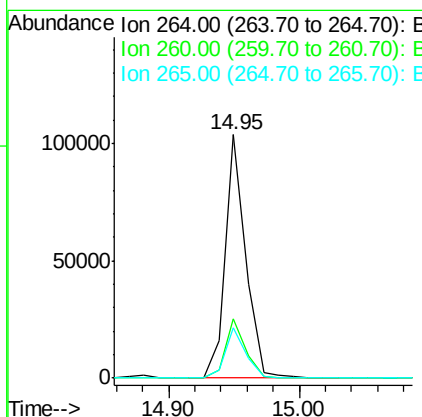
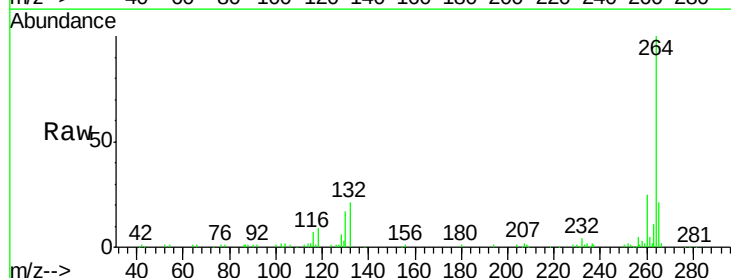
Instrument :
 BNA_F
 ClientSampleId :

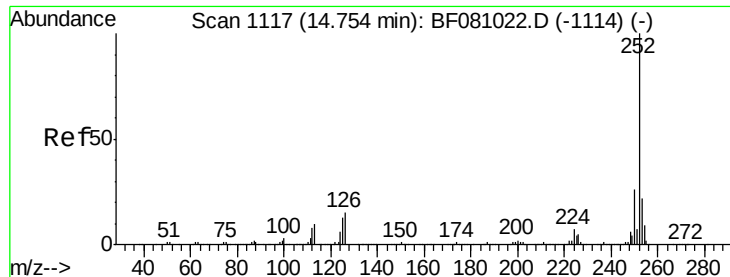
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.4	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	20.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 84.69 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

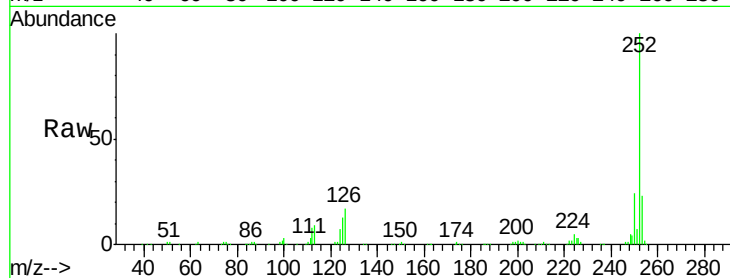
Tot Ion:252 Resp: 675900

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

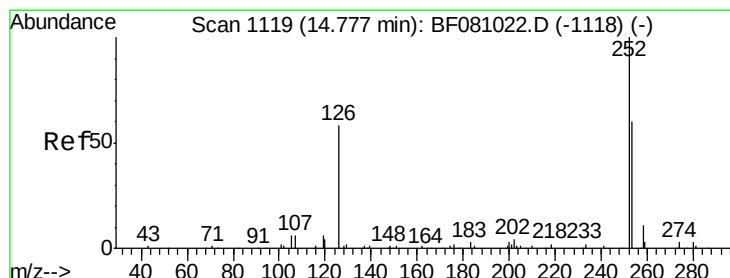
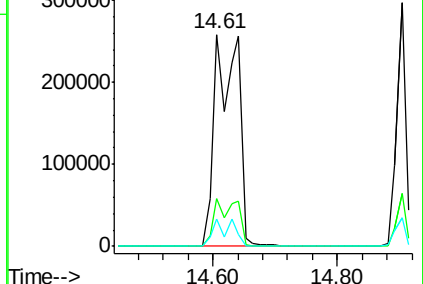
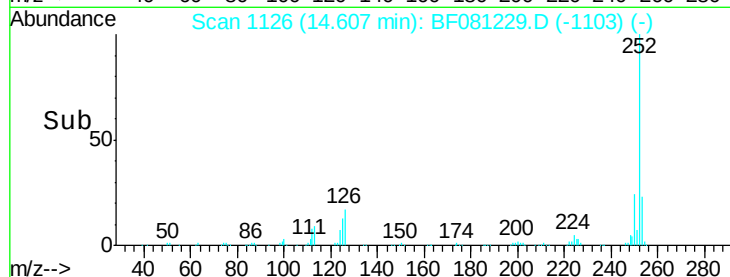
125 13.0 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.89 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

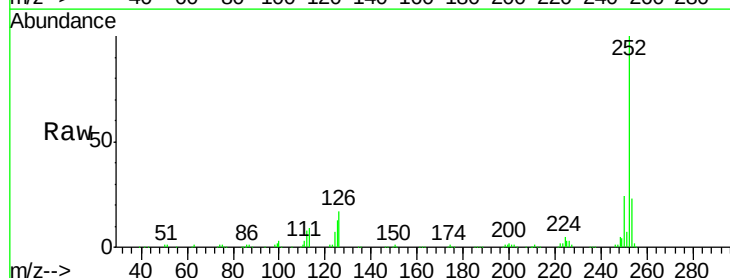
Tgt Ion:252 Resp: 675900

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

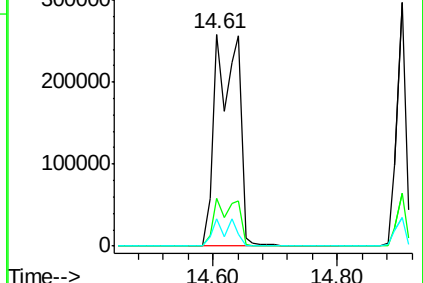
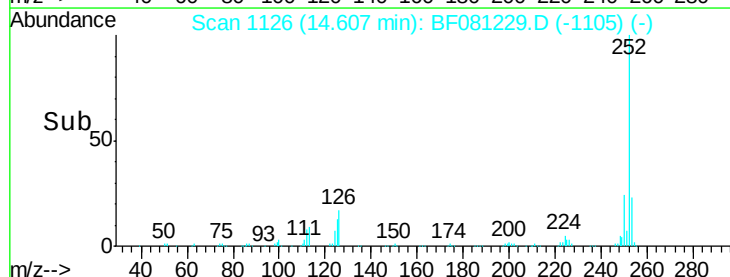
125 13.0 10.3 15.5

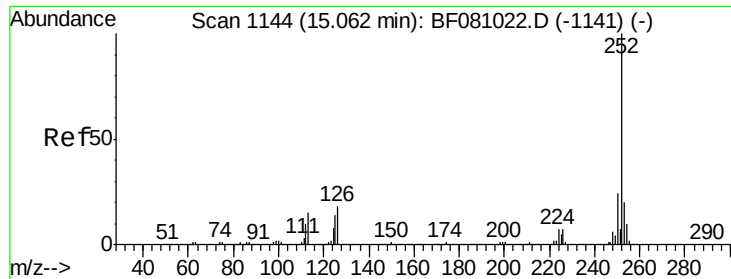


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.30 ng

RT: 14.90 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

Instrument :

BNA_F

ClientSampleId :

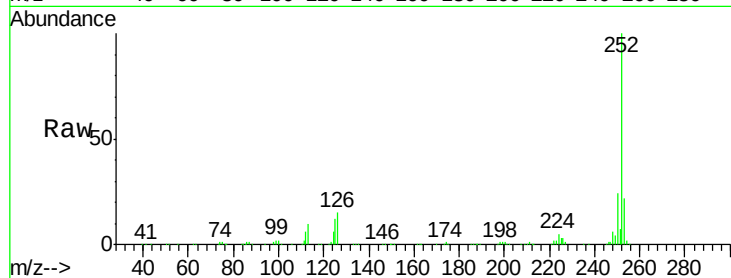
Tot Ion:252 Resp: 315005

Ion Ratio Lower Upper

252 100

253 21.9 16.6 25.0

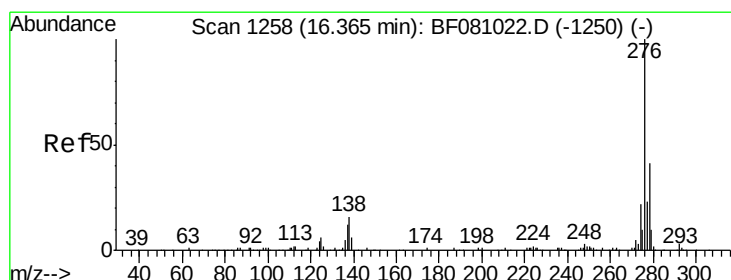
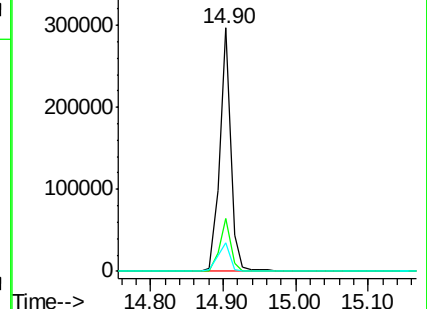
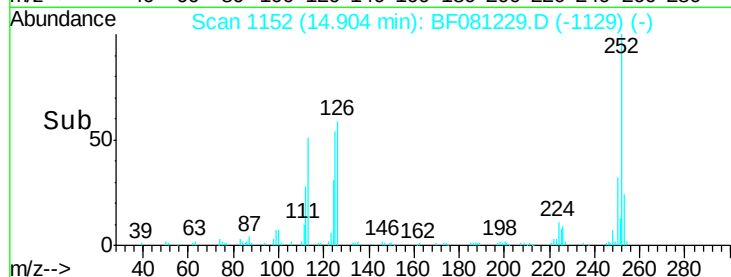
125 12.0 7.8 11.8#



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: 45.65 ng

RT: 16.13 min Scan# 1259

Delta R.T. -0.06 min

Lab File: BF081229.D

Acq: 26 Aug 2015 23:52

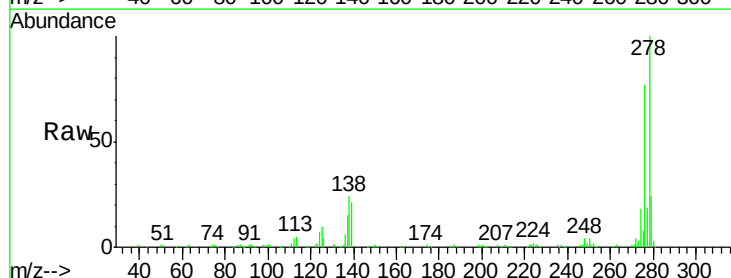
Tgt Ion:278 Resp: 247365

Ion Ratio Lower Upper

278 100

139 20.8 10.8 16.2#

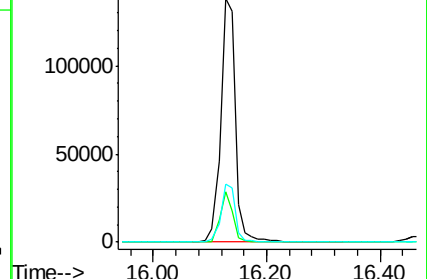
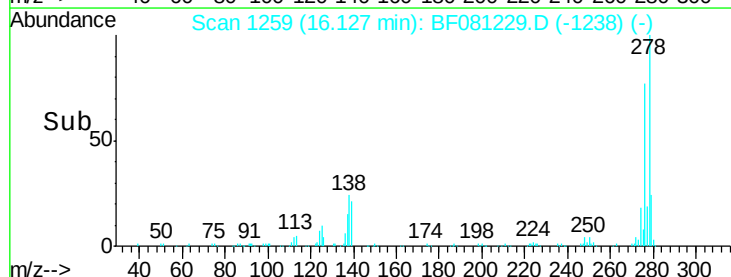
279 24.0 19.0 28.6

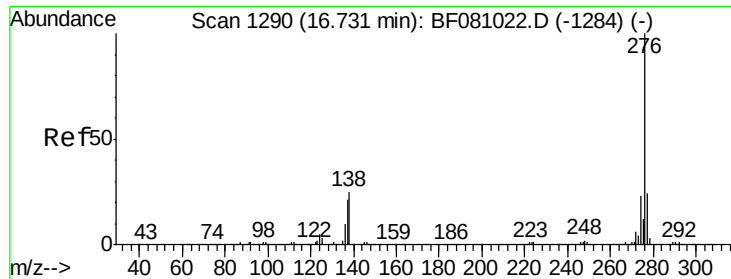


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.81 ng
 RT: 16.46 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF081229.D
 Acq: 26 Aug 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.2	27.2
138	27.0	13.7	20.5

